

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039457.D
 Acq On : 22 Dec 2023 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

Quant Time: Dec 23 06:32:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	81910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	169242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82595	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86124	57.396	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.800%			
35) Dibromofluoromethane	5.385	113	60220	51.505	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.020%			
50) Toluene-d8	8.647	98	207849	47.884	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.760%			
62) 4-Bromofluorobenzene	11.079	95	88191	49.242	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	47056	40.883	ug/l	98
3) Chloromethane	1.294	50	70929	55.587	ug/l	97
4) Vinyl Chloride	1.374	62	60441	50.931	ug/l	99
5) Bromomethane	1.599	94	41378	60.605	ug/l	96
6) Chloroethane	1.685	64	40524	56.665	ug/l	99
7) Trichlorofluoromethane	1.886	101	77027	44.327	ug/l	99
8) Diethyl Ether	2.130	74	41479	68.968	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	42878	40.435	ug/l	95
10) Methyl Iodide	2.453	142	59674	54.444	ug/l	95
11) Tert butyl alcohol	2.953	59	116253	308.520	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	51787	49.165	ug/l	94
13) Acrolein	2.233	56	129453	430.643	ug/l	100
14) Allyl chloride	2.660	41	120120	56.294	ug/l	97
15) Acrylonitrile	3.056	53	247244	327.810	ug/l	99
16) Acetone	2.373	43	224538	259.028	ug/l	96
17) Carbon Disulfide	2.514	76	144967	47.030	ug/l	100
18) Methyl Acetate	2.697	43	213481	65.776	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	241055	63.278	ug/l	99
20) Methylene Chloride	2.788	84	76148	60.876	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	61588	53.734	ug/l	99
22) Diisopropyl ether	3.757	45	252310	64.958	ug/l	91
23) Vinyl Acetate	3.715	43	957172	331.010	ug/l	98
24) 1,1-Dichloroethane	3.611	63	126917	57.803	ug/l	98
25) 2-Butanone	4.550	43	355636	274.655	ug/l	98
26) 2,2-Dichloropropane	4.477	77	88982	46.420	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	76327	60.333	ug/l	100
28) Bromochloromethane	4.891	49	66280	61.867	ug/l	92
29) Tetrahydrofuran	4.995	42	237113	331.592	ug/l	99
30) Chloroform	5.092	83	131273	59.828	ug/l	97
31) Cyclohexane	5.470	56	78122	40.309	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	97264	51.062	ug/l	98
36) 1,1-Dichloropropene	5.690	75	80616	43.693	ug/l	100
37) Ethyl Acetate	4.708	43	135249	59.334	ug/l	99
38) Carbon Tetrachloride	5.678	117	73233	41.592	ug/l	98
39) Methylcyclohexane	7.379	83	72828	32.861	ug/l	99
40) Benzene	6.037	78	271641	52.047	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039457.D
 Acq On : 22 Dec 2023 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

Quant Time: Dec 23 06:32:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	70406	57.890	ug/l	96
42) 1,2-Dichloroethane	6.086	62	116492	55.140	ug/l	100
43) Isopropyl Acetate	6.336	43	213387	57.567	ug/l	99
44) Trichloroethene	7.123	130	61748	46.884	ug/l	92
45) 1,2-Dichloropropane	7.427	63	78663	56.159	ug/l	100
46) Dibromomethane	7.580	93	56635	57.518	ug/l	94
47) Bromodichloromethane	7.818	83	104086	55.287	ug/l	97
48) Methyl methacrylate	7.690	41	127928	59.034	ug/l	97
49) 1,4-Dioxane	7.653	88	37272	1275.984	ug/l #	98
51) 4-Methyl-2-Pentanone	8.567	43	707562	299.595	ug/l	98
52) Toluene	8.720	92	161083	51.136	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	114990	55.478	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	121887	54.653	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	77870	59.212	ug/l	94
56) Ethyl methacrylate	9.116	69	98000	61.043	ug/l	96
57) 1,3-Dichloropropane	9.305	76	131903	58.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	269015	285.368	ug/l	94
59) 2-Hexanone	9.427	43	564187	276.797	ug/l	99
60) Dibromochloromethane	9.518	129	75175	56.522	ug/l	100
61) 1,2-Dibromoethane	9.610	107	81112	57.776	ug/l	99
64) Tetrachloroethene	9.275	164	43207	40.299	ug/l	96
65) Chlorobenzene	10.079	112	175985	49.141	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	64713	51.157	ug/l	98
67) Ethyl Benzene	10.189	91	314081	47.115	ug/l	98
68) m/p-Xylenes	10.299	106	226559	94.788	ug/l	94
69) o-Xylene	10.640	106	114951	49.741	ug/l	94
70) Styrene	10.652	104	176493	52.240	ug/l	96
71) Bromoform	10.799	173	49871	53.039	ug/l #	100
73) Isopropylbenzene	10.963	105	282542	44.337	ug/l	100
74) N-amyl acetate	10.841	43	187188	58.057	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	133441	56.290	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	112868m	52.819	ug/l	
77) Bromobenzene	11.195	156	70806	50.246	ug/l	89
78) n-propylbenzene	11.305	91	343889	43.799	ug/l	97
79) 2-Chlorotoluene	11.360	91	218221	45.949	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	248556	45.785	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	37008	48.856	ug/l	100
82) 4-Chlorotoluene	11.451	91	263742	47.281	ug/l	97
83) tert-Butylbenzene	11.713	119	224751	43.501	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	263999	47.421	ug/l	99
85) sec-Butylbenzene	11.890	105	265110	40.325	ug/l	98
86) p-Isopropyltoluene	12.006	119	230503	41.777	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	133714	48.299	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	136703	47.424	ug/l	98
89) n-Butylbenzene	12.329	91	220323	40.621	ug/l	95
90) Hexachloroethane	12.536	117	40499	40.635	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	131755	49.739	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	33342	53.398	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	78667	45.353	ug/l	99
94) Hexachlorobutadiene	13.725	225	21111	32.296	ug/l	99
95) Naphthalene	13.774	128	323888	53.619	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	78012	46.589	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039457.D
 Acq On : 22 Dec 2023 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2023
 Supervised By : Mahesh Dadoda 12/28/2023

Quant Time: Dec 23 06:32:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

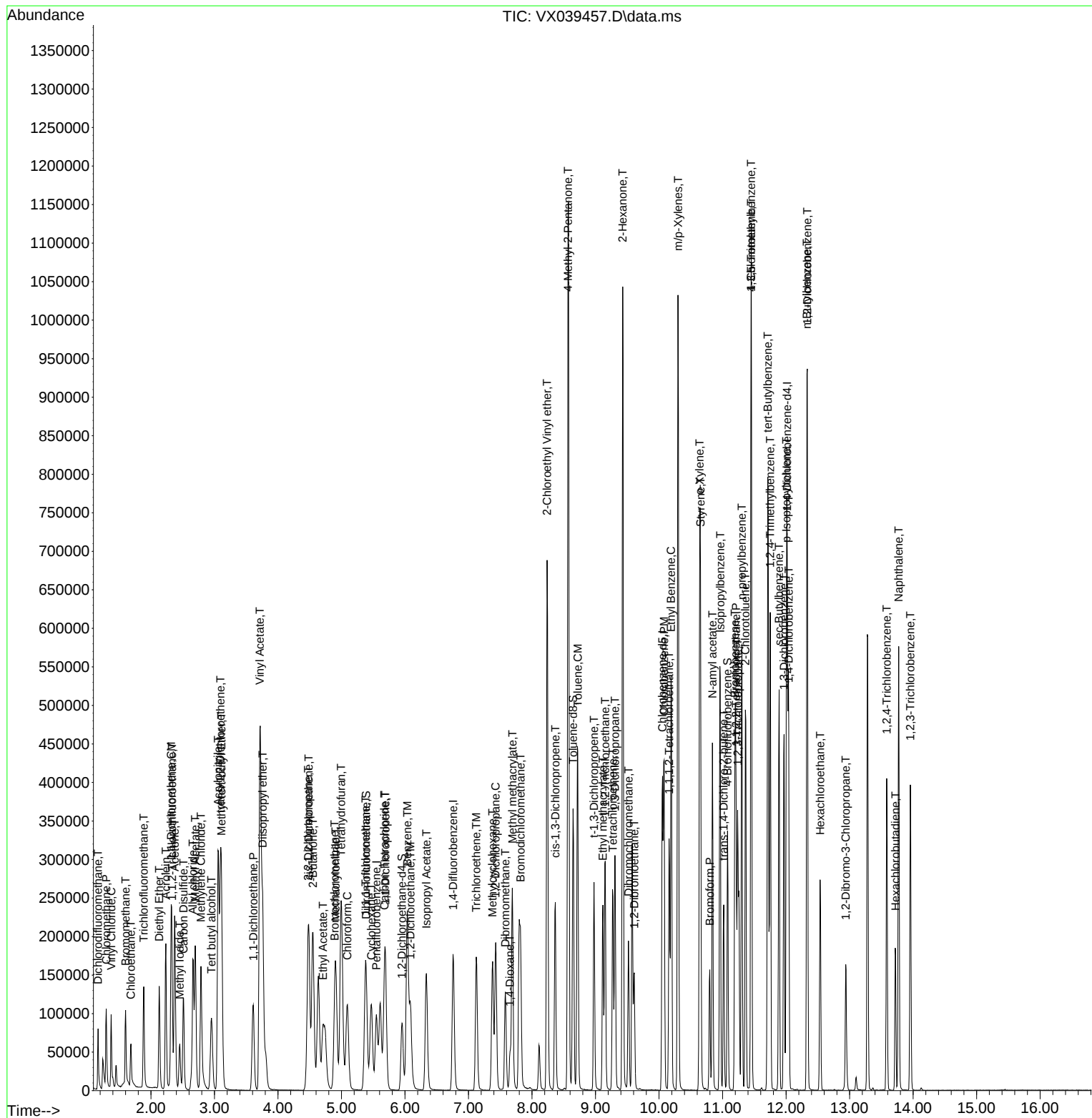
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122223\
 Data File : VX039457.D
 Acq On : 22 Dec 2023 21:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

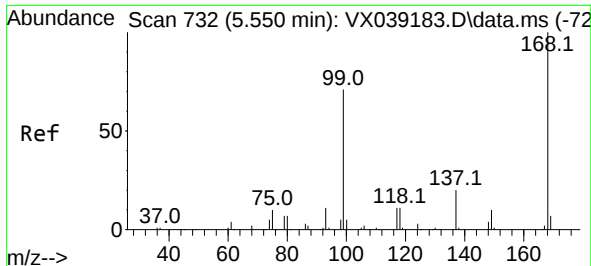
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 23 06:32:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

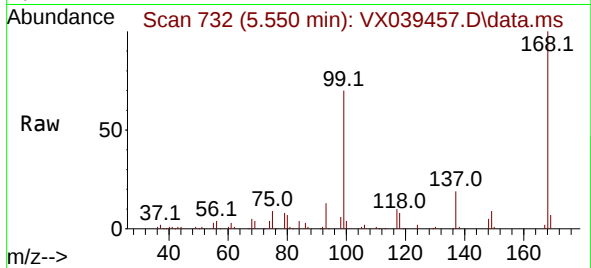
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

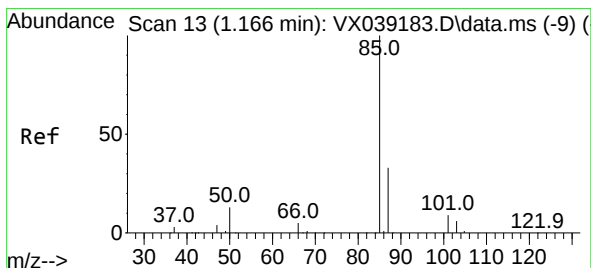
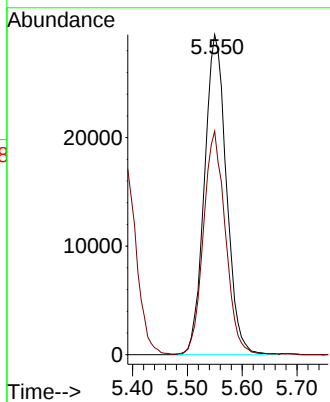
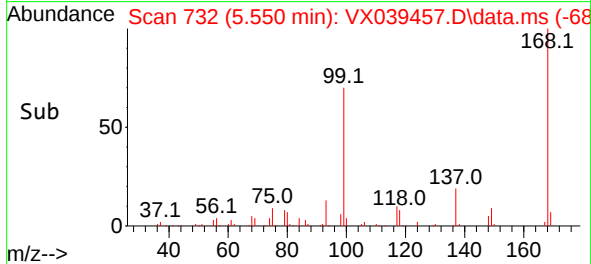
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 81910
Ion Ratio Lower Upper
168 100
99 69.5 56.6 85.0

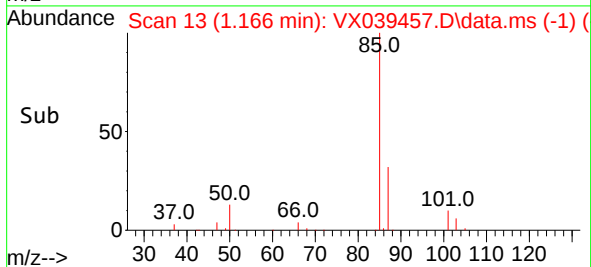
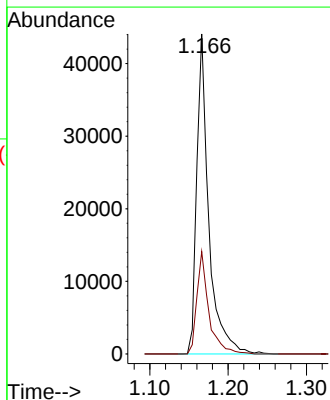
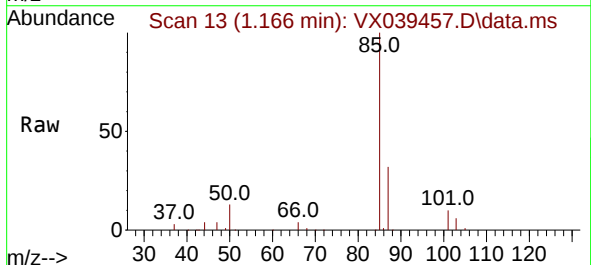
Manual Integrations
APPROVED

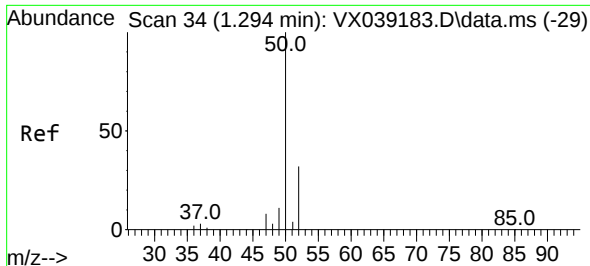
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#2
Dichlorodifluoromethane
Concen: 40.883 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

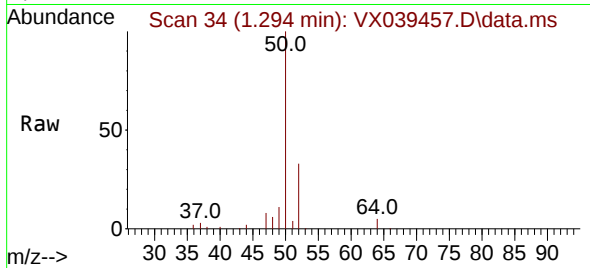
Tgt Ion: 85 Resp: 47056
Ion Ratio Lower Upper
85 100
87 32.0 16.7 50.1





#3
Chloromethane
Concen: 55.587 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

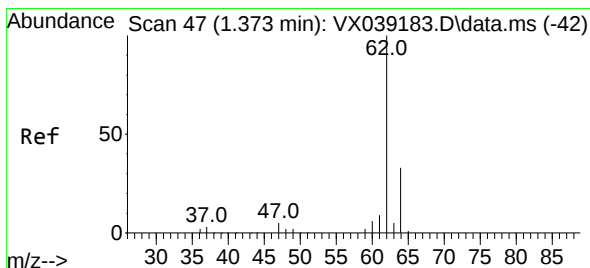
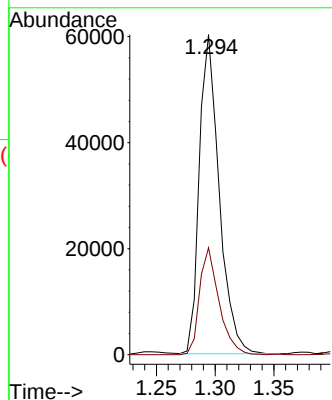
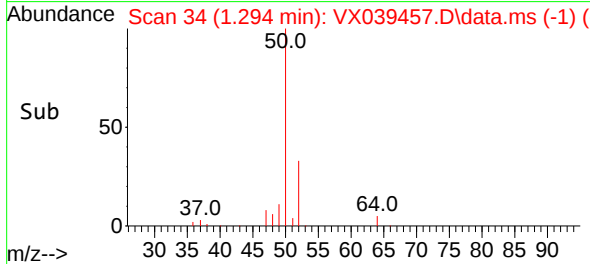
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 70929
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

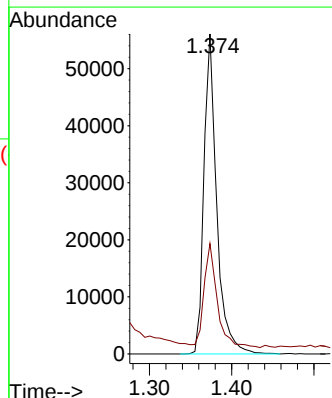
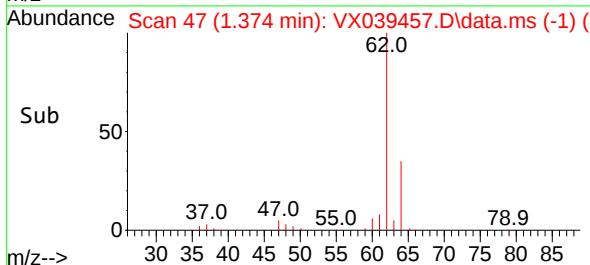
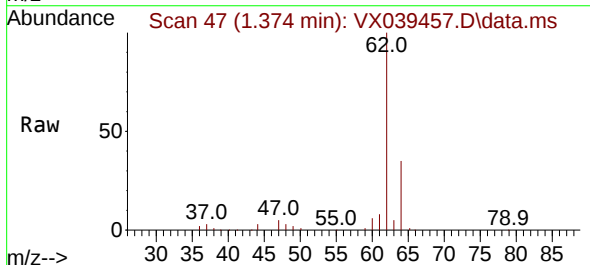
Manual Integrations
APPROVED

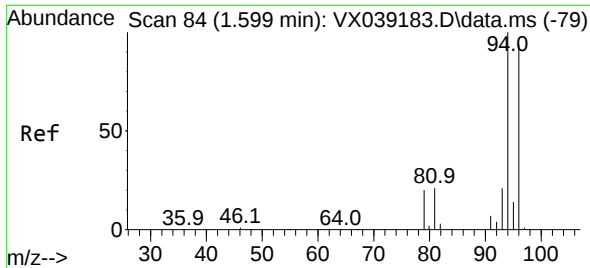
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#4
Vinyl Chloride
Concen: 50.931 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

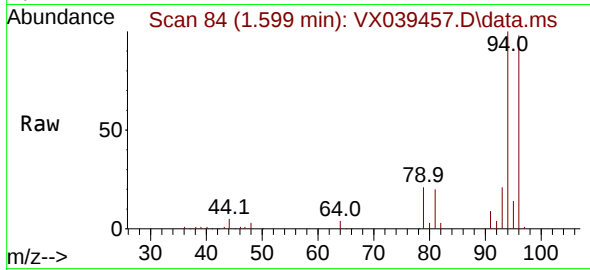
Tgt Ion: 62 Resp: 60441
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0





#5
Bromomethane
Concen: 60.605 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

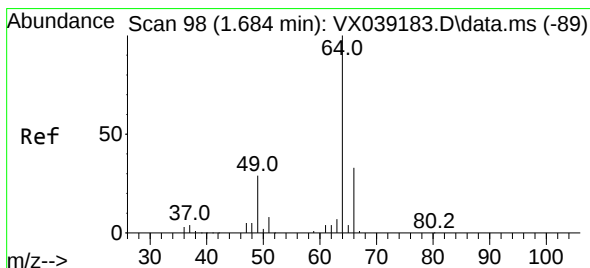
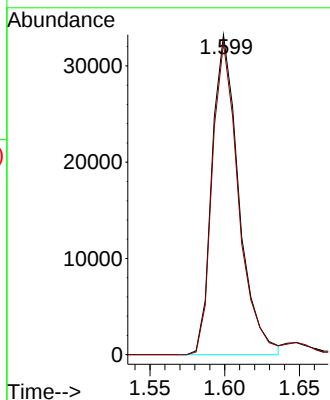
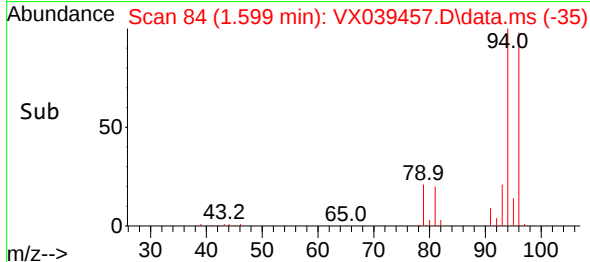
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 41378
Ion Ratio Lower Upper
94 100
96 97.5 74.6 111.8

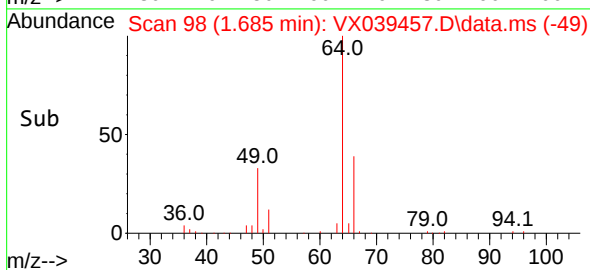
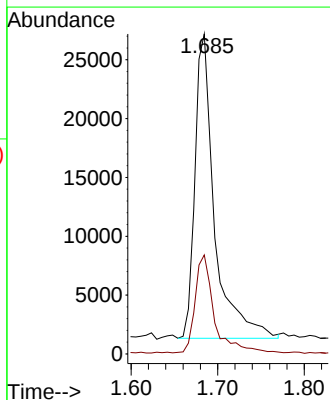
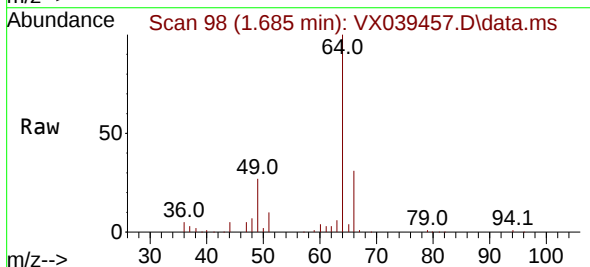
Manual Integrations
APPROVED

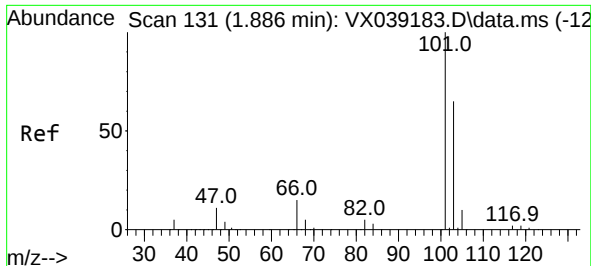
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#6
Chloroethane
Concen: 56.665 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

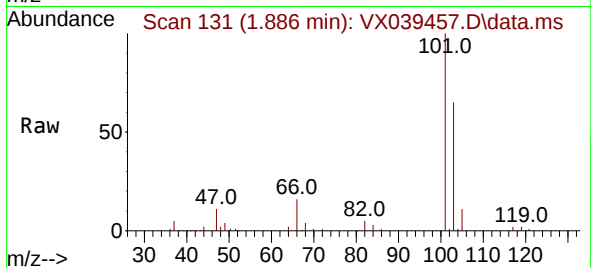
Tgt Ion: 64 Resp: 40524
Ion Ratio Lower Upper
64 100
66 32.0 25.1 37.7





#7
Trichlorofluoromethane
Concen: 44.327 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

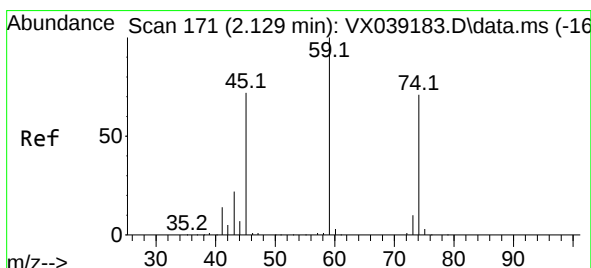
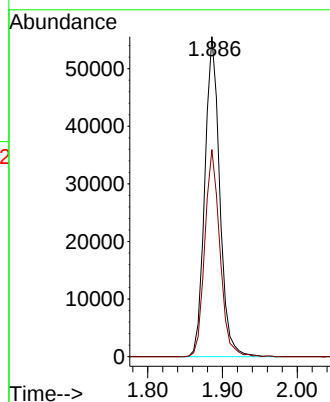
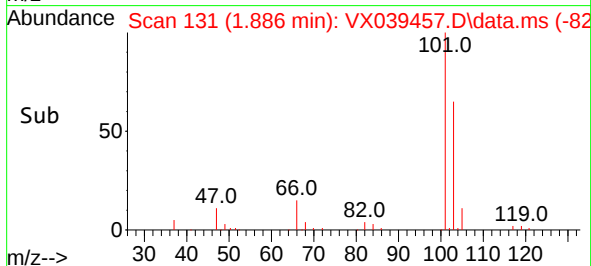
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 7702
Ion Ratio Lower Upper
101 100
103 64.7 51.4 77.2

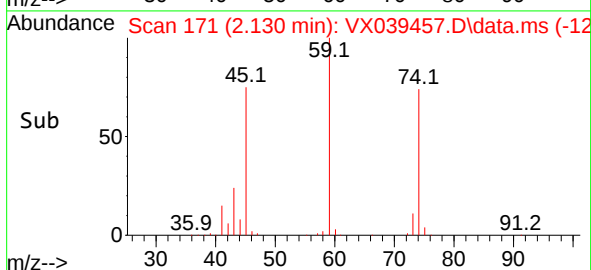
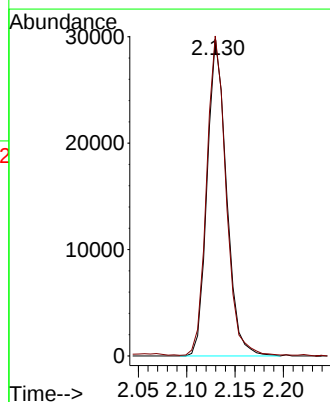
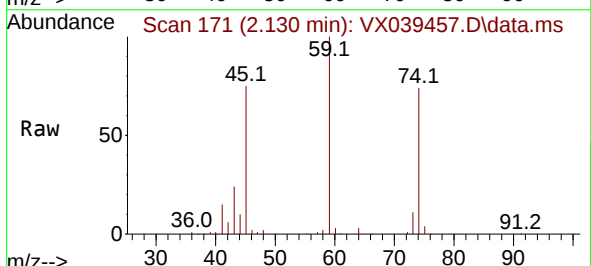
Manual Integrations
APPROVED

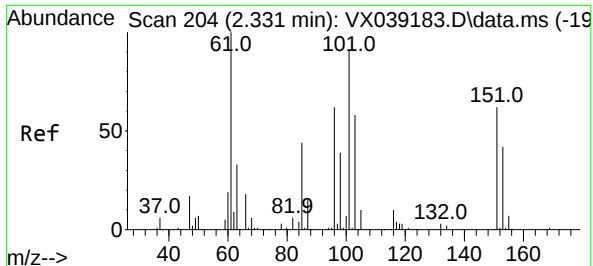
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#8
Diethyl Ether
Concen: 68.968 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 74 Resp: 41479
Ion Ratio Lower Upper
74 100
45 101.0 53.3 159.8





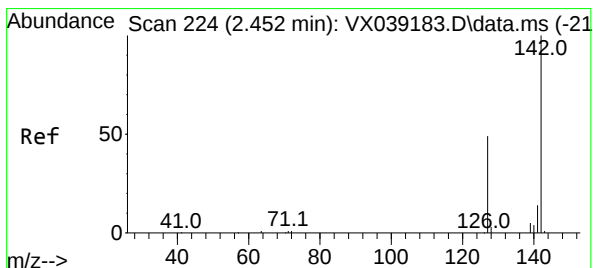
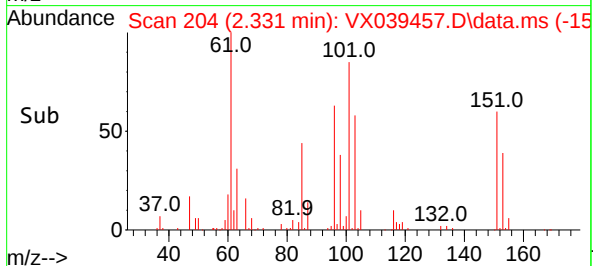
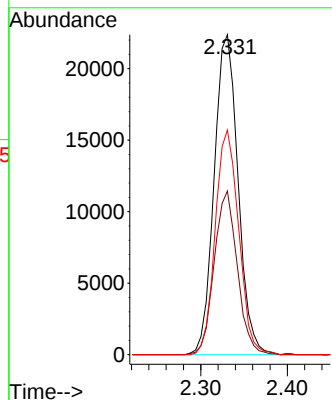
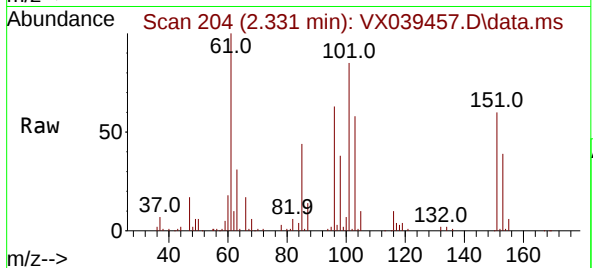
#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.435 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 42878
Ion Ratio Lower Upper
101 100
85 49.4 37.0 55.6
151 69.0 58.6 87.8

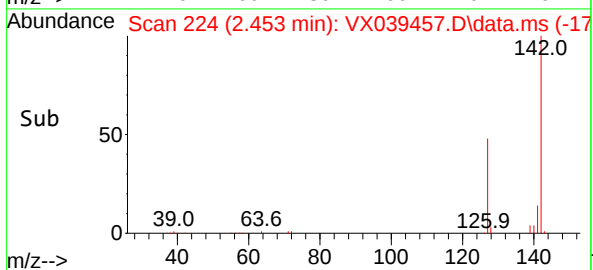
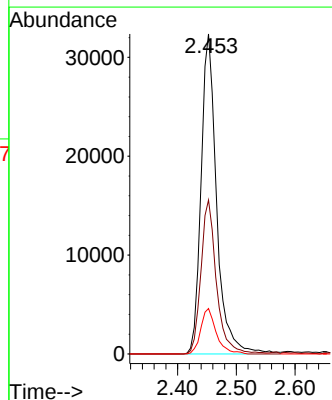
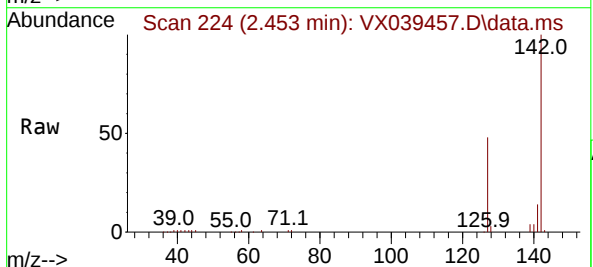
Manual Integrations
APPROVED

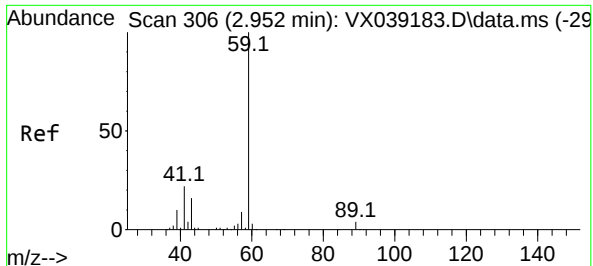
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#10
Methyl Iodide
Concen: 54.444 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:142 Resp: 59674
Ion Ratio Lower Upper
142 100
127 47.9 41.6 62.4
141 14.1 11.6 17.4





#11

Tert butyl alcohol

Concen: 308.520 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 11625

Ion Ratio Lower Upper

59 100

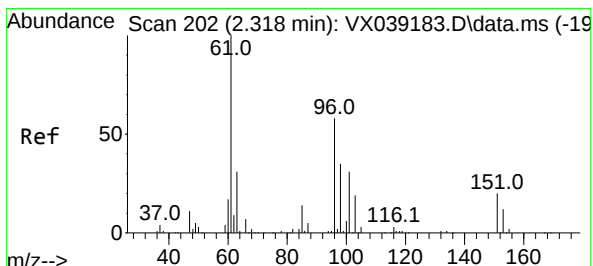
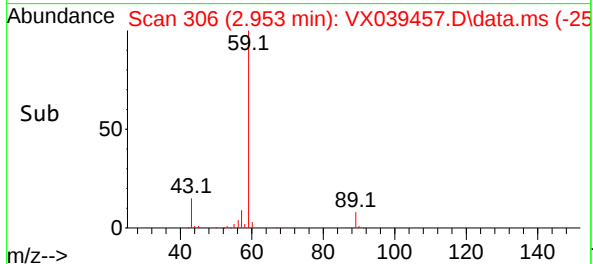
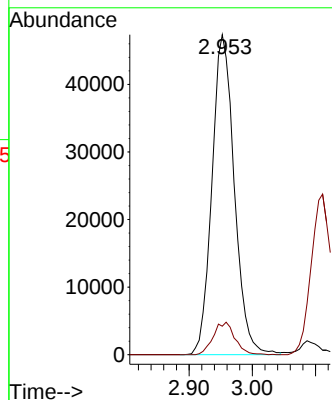
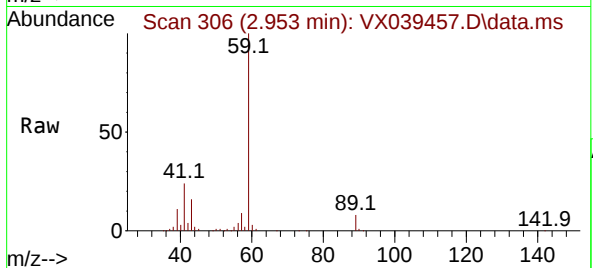
57 9.8 6.0 9.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#12

1,1-Dichloroethene

Concen: 49.165 ug/l

RT: 2.319 min Scan# 202

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

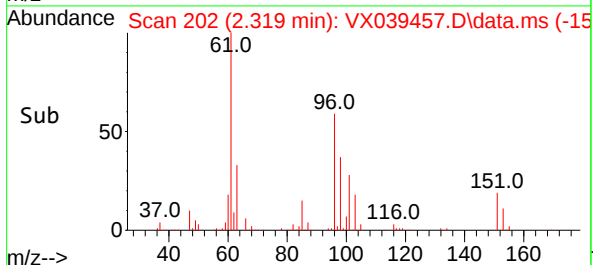
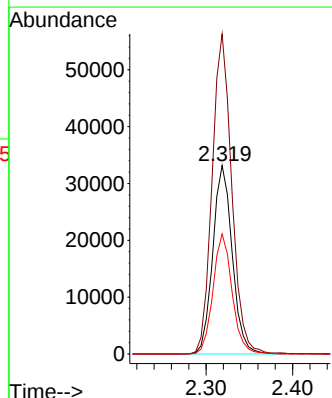
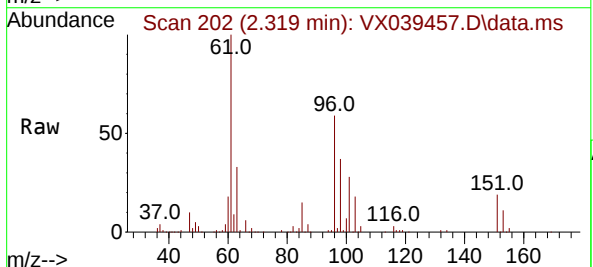
Tgt Ion: 96 Resp: 51787

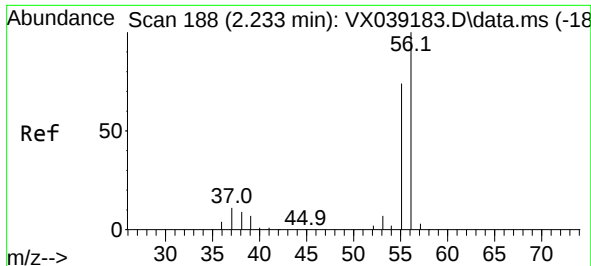
Ion Ratio Lower Upper

96 100

61 169.7 144.6 216.8

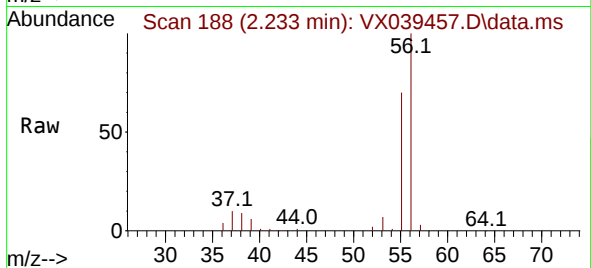
98 63.6 50.4 75.6





#13
Acrolein
Concen: 430.643 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

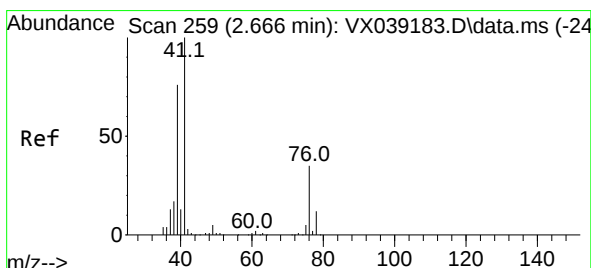
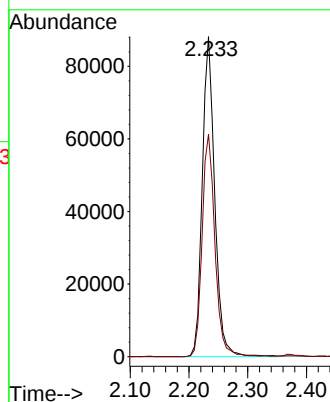
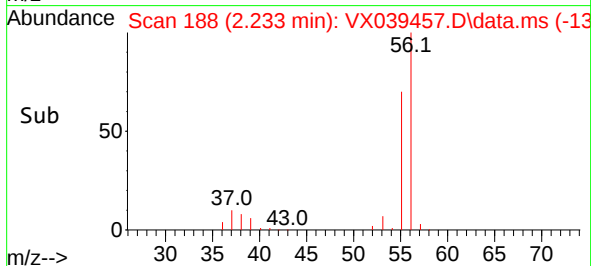
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 12945
Ion Ratio Lower Upper
56 100
55 71.5 57.1 85.7

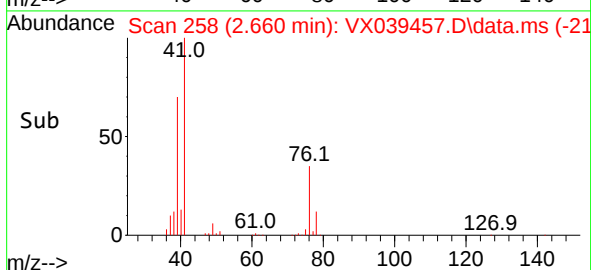
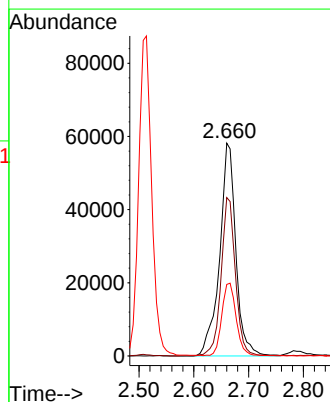
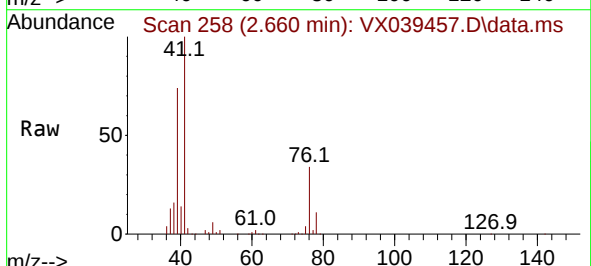
Manual Integrations
APPROVED

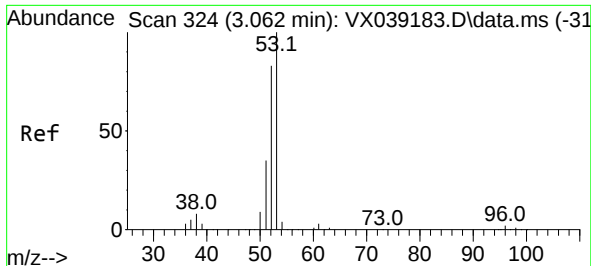
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#14
Allyl chloride
Concen: 56.294 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

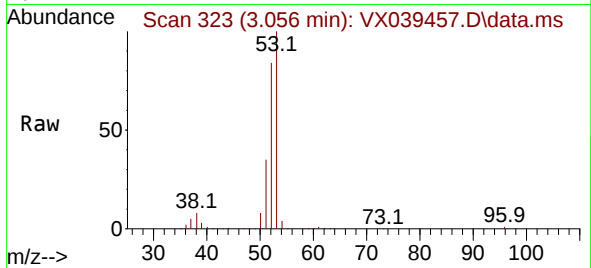
Tgt Ion: 41 Resp: 120120
Ion Ratio Lower Upper
41 100
39 66.0 55.8 83.6
76 30.6 24.3 36.5





#15
Acrylonitrile
Concen: 327.810 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

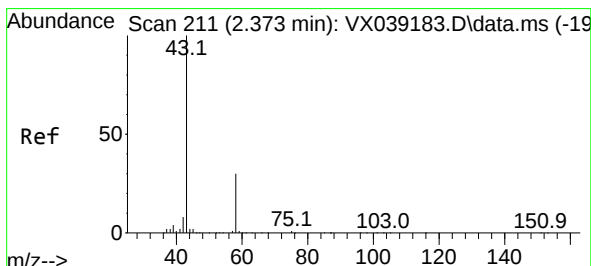
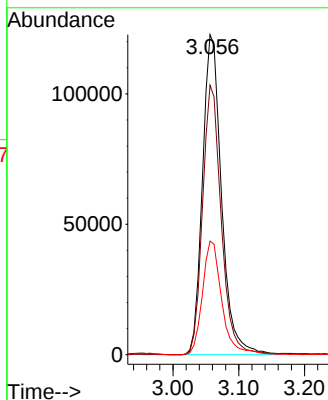
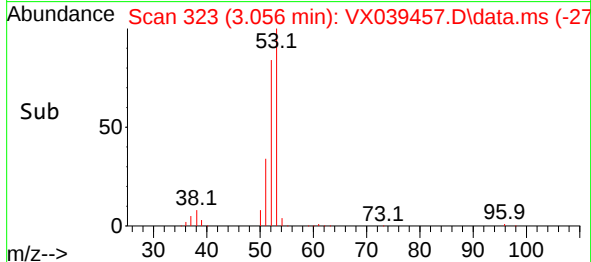
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 247244
Ion Ratio Lower Upper
53 100
52 82.5 66.0 99.0
51 36.0 29.8 44.6

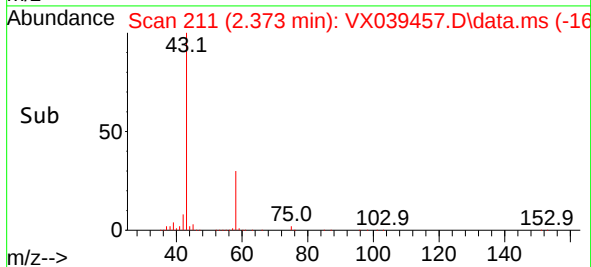
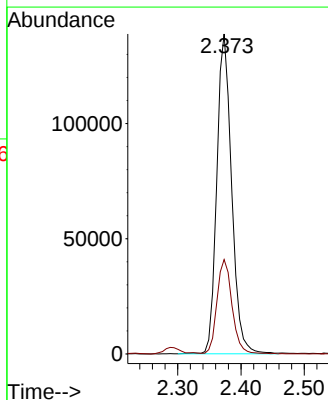
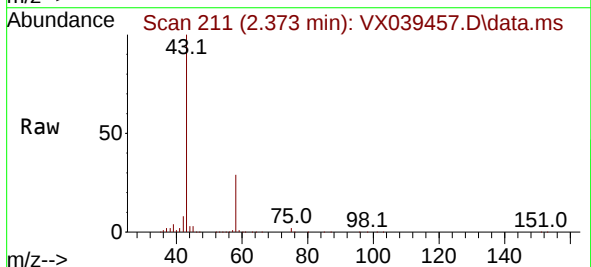
Manual Integrations
APPROVED

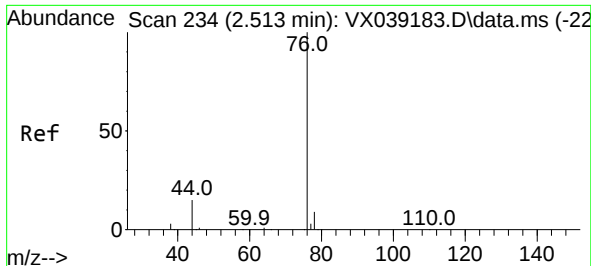
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#16
Acetone
Concen: 259.028 ug/l
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 43 Resp: 224538
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





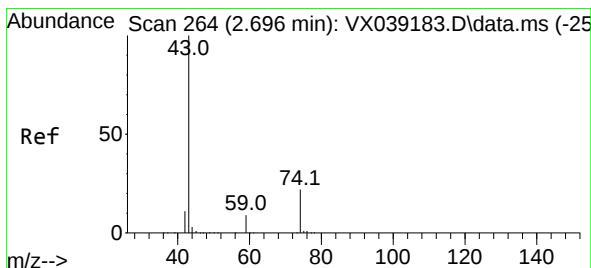
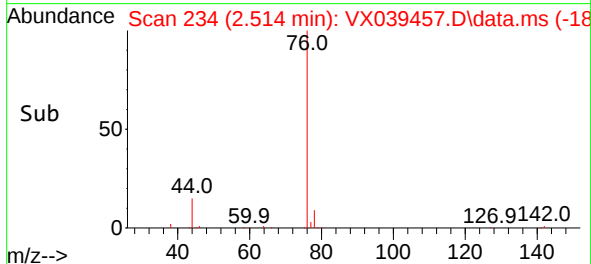
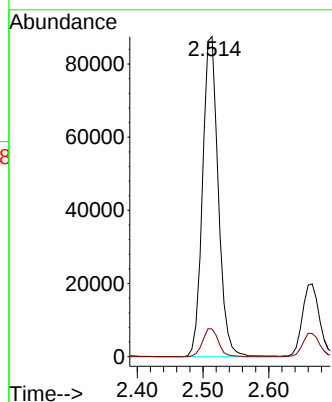
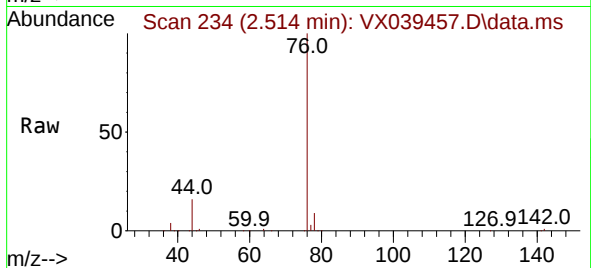
#17
Carbon Disulfide
Concen: 47.030 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 14496
Ion Ratio Lower Upper
76 100
78 8.6 7.0 10.6

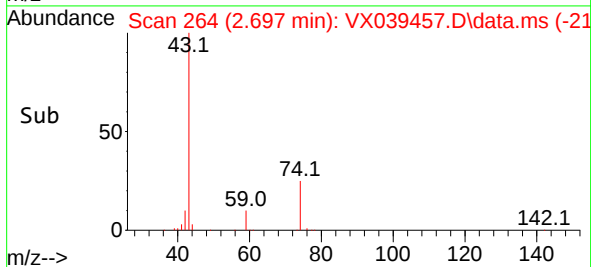
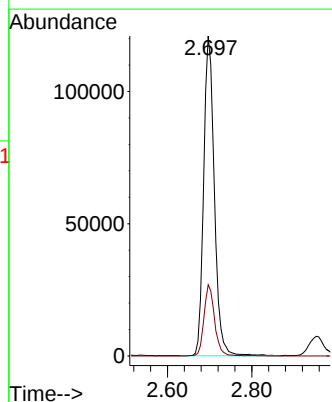
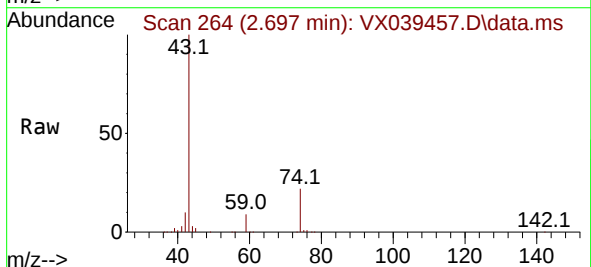
Manual Integrations
APPROVED

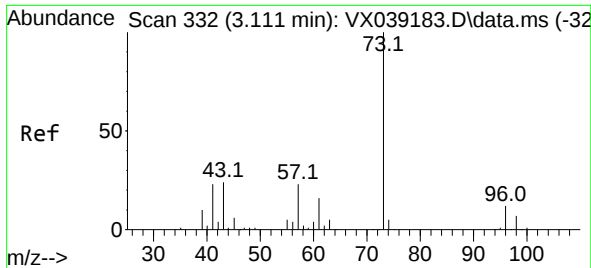
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#18
Methyl Acetate
Concen: 65.776 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 43 Resp: 213481
Ion Ratio Lower Upper
43 100
74 22.1 17.8 26.8





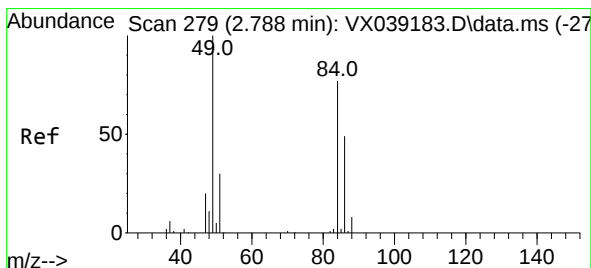
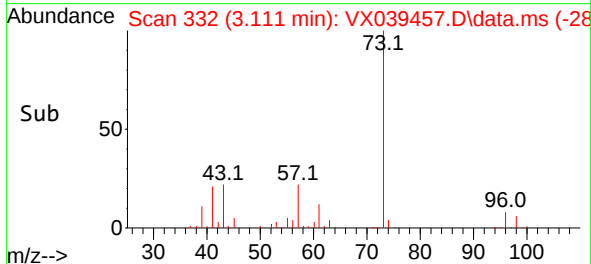
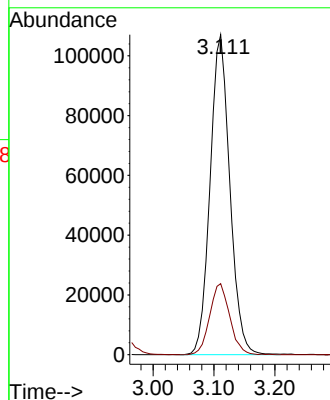
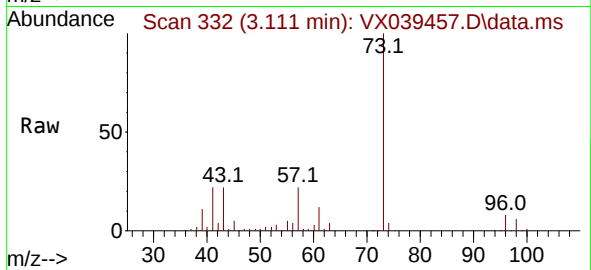
#19
Methyl tert-butyl Ether
Concen: 63.278 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 24105
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9

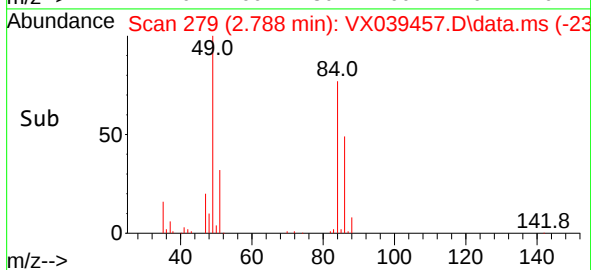
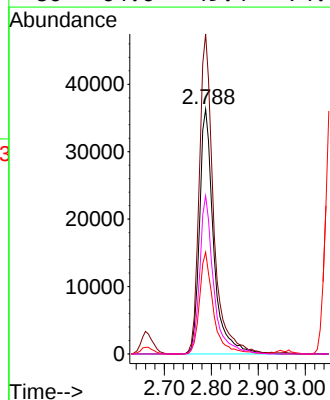
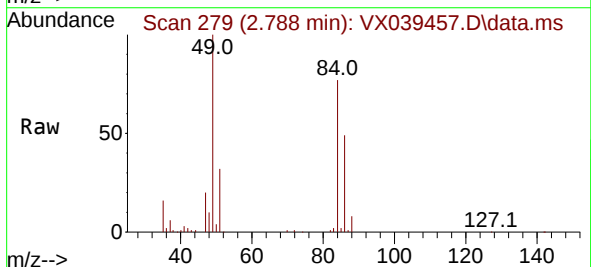
Manual Integrations
APPROVED

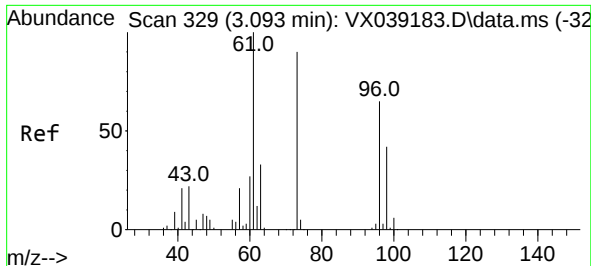
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#20
Methylene Chloride
Concen: 60.876 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

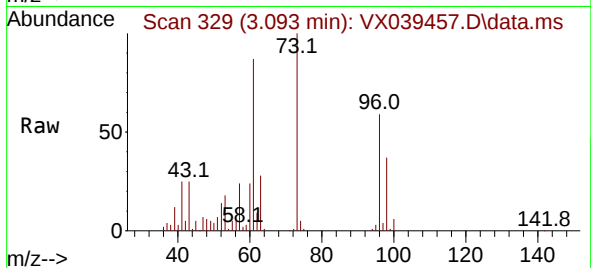
Tgt Ion: 84 Resp: 76148
Ion Ratio Lower Upper
84 100
49 130.7 103.6 155.4
51 41.6 33.8 50.6
86 64.6 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 53.734 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

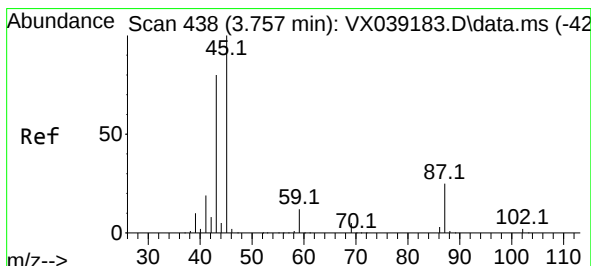
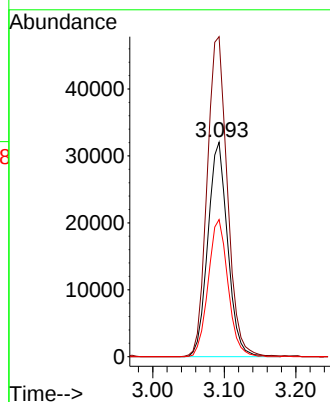
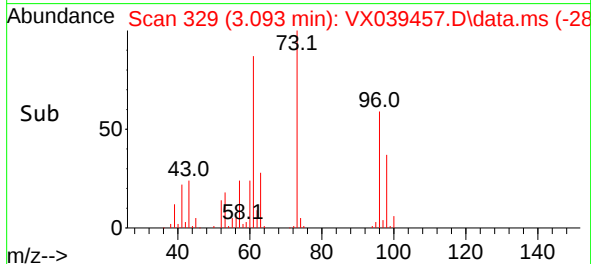
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 6158
Ion Ratio Lower Upper
96 100
61 149.2 119.2 178.8
98 64.0 48.7 73.1

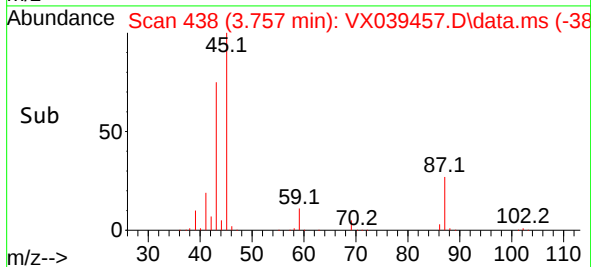
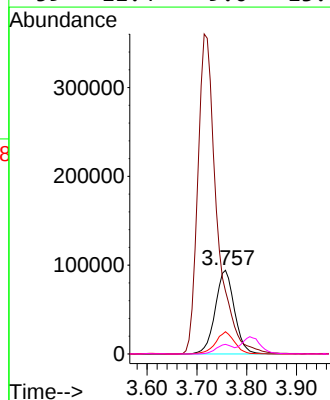
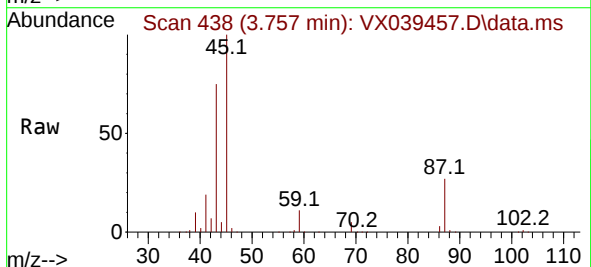
Manual Integrations
APPROVED

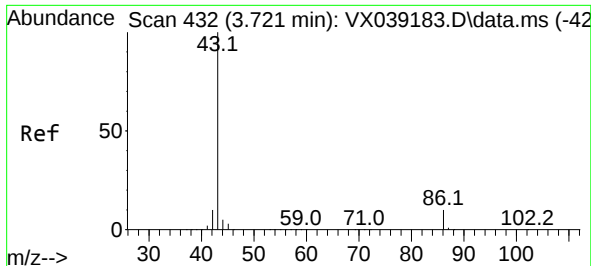
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#22
Diisopropyl ether
Concen: 64.958 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 45 Resp: 252310
Ion Ratio Lower Upper
45 100
43 75.0 69.7 104.5
87 26.6 20.8 31.2
59 11.4 9.0 13.4





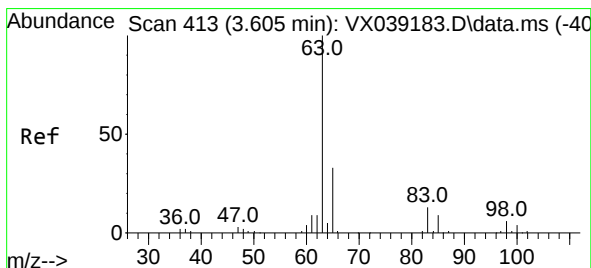
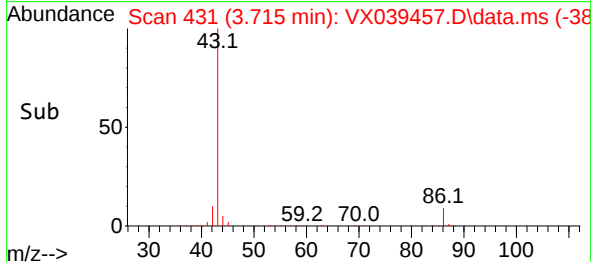
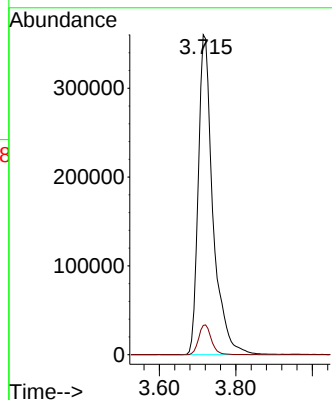
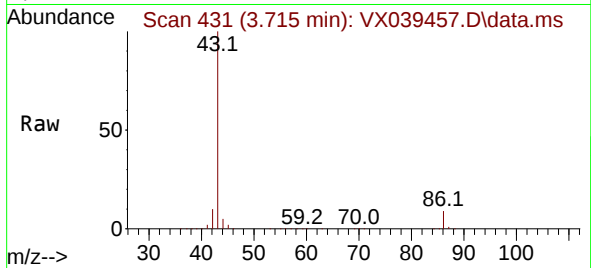
#23
 Vinyl Acetate
 Concen: 331.010 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039457.D
 Acq: 22 Dec 2023 21:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 95717
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.8 11.8

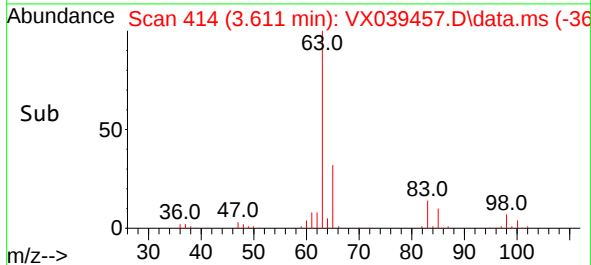
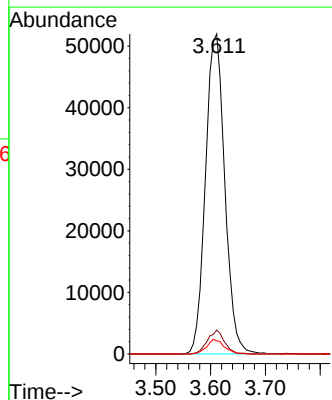
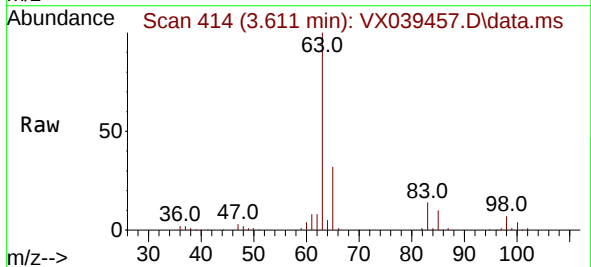
Manual Integrations
 APPROVED

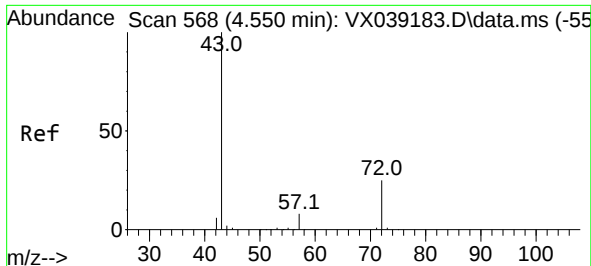
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023



#24
 1,1-Dichloroethane
 Concen: 57.803 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX039457.D
 Acq: 22 Dec 2023 21:47

Tgt Ion: 63 Resp: 126917
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.8
 100 4.1 2.1 6.5





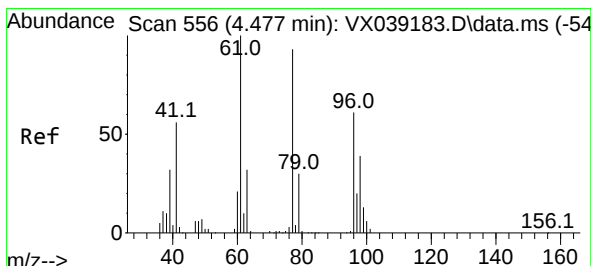
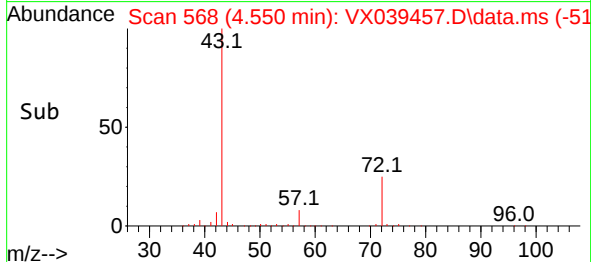
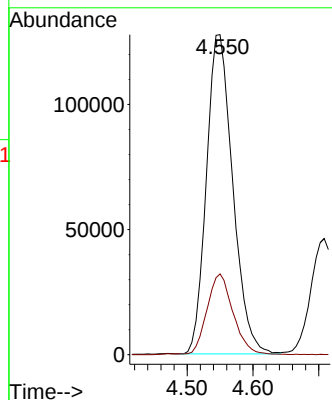
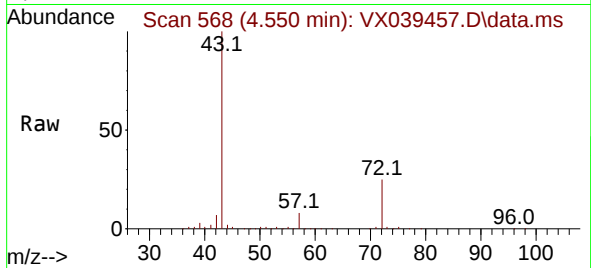
#25
2-Butanone
Concen: 274.655 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 355630
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

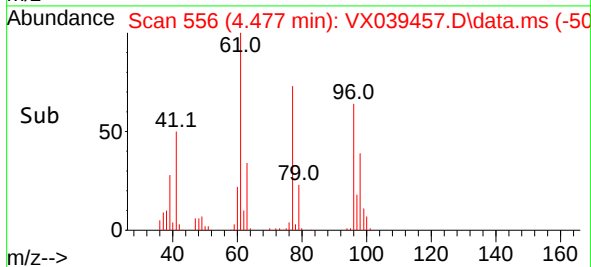
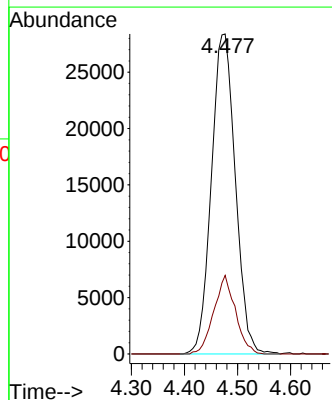
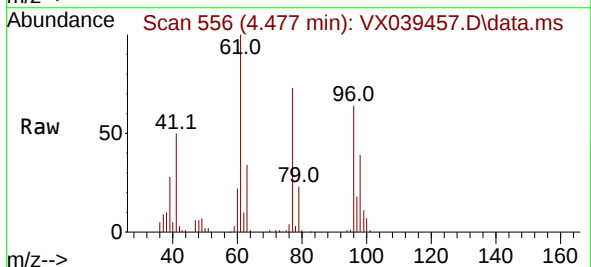
Manual Integrations
APPROVED

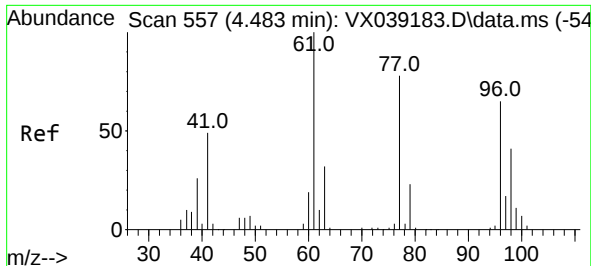
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#26
2,2-Dichloropropane
Concen: 46.420 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 77 Resp: 88982
Ion Ratio Lower Upper
77 100
97 22.2 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 60.333 ug/l

RT: 4.483 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 7632

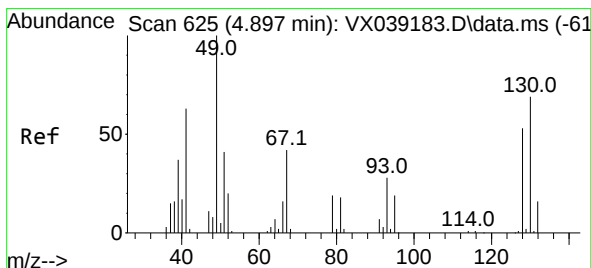
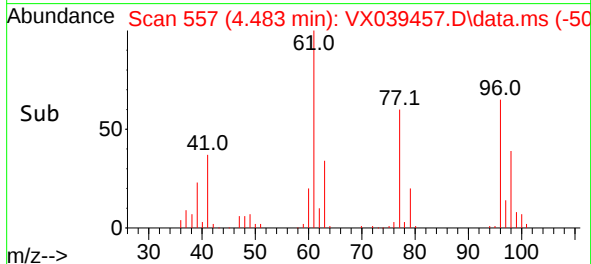
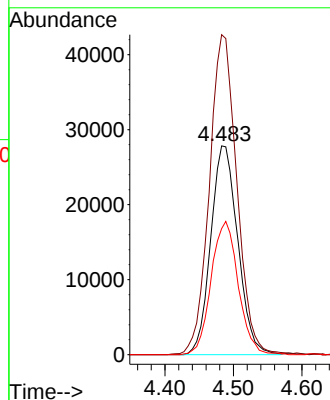
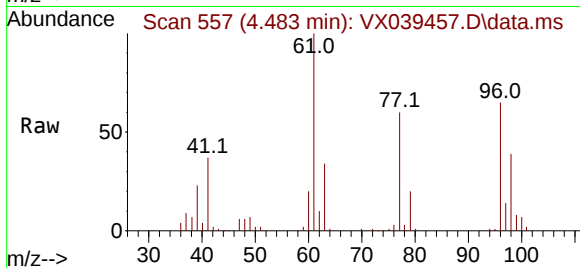
Ion	Ratio	Lower	Upper
96	100		
61	156.1	0.0	312.2
98	64.0	0.0	129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#28

Bromochloromethane

Concen: 61.867 ug/l

RT: 4.891 min Scan# 624

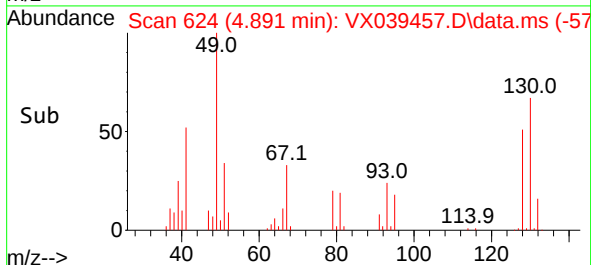
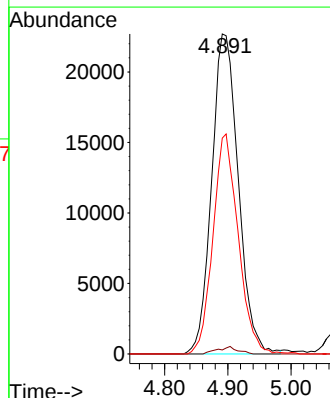
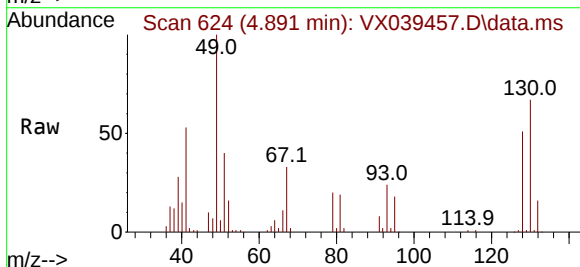
Delta R.T. -0.006 min

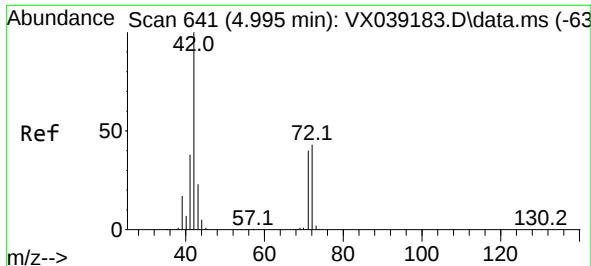
Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion: 49 Resp: 66280

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	65.3	57.5	86.3





#29

Tetrahydrofuran

Concen: 331.592 ug/l

RT: 4.995 min Scan# 641

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 23711

Ion Ratio Lower Upper

42 100

72 42.0 34.2 51.4

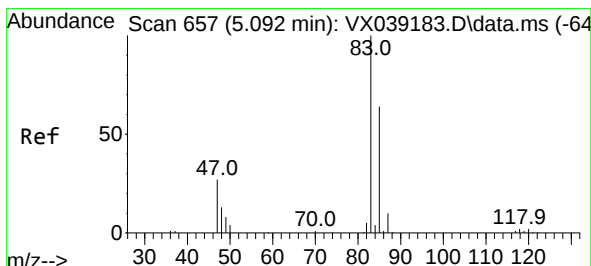
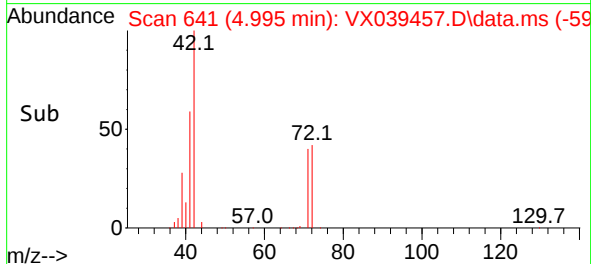
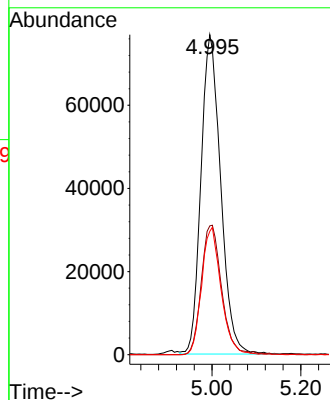
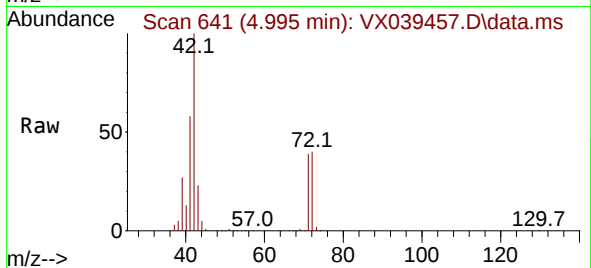
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#30

Chloroform

Concen: 59.828 ug/l

RT: 5.092 min Scan# 657

Delta R.T. 0.000 min

Lab File: VX039457.D

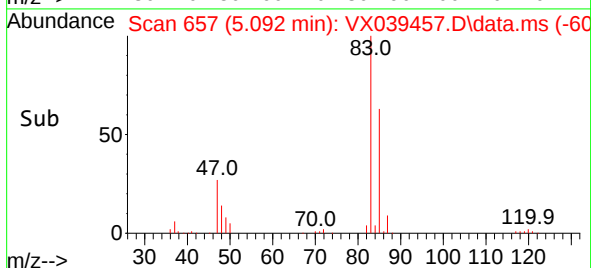
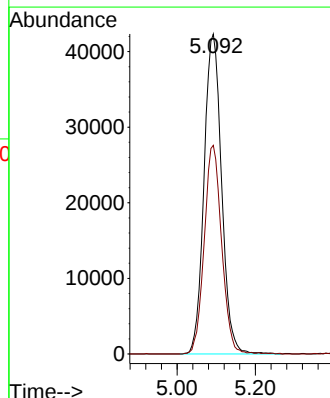
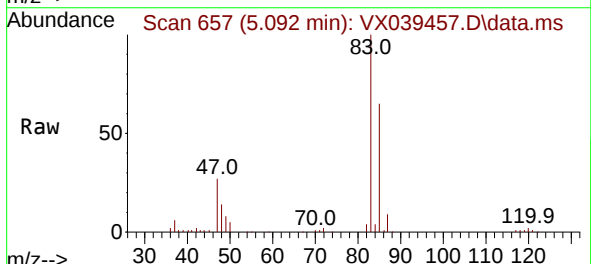
Acq: 22 Dec 2023 21:47

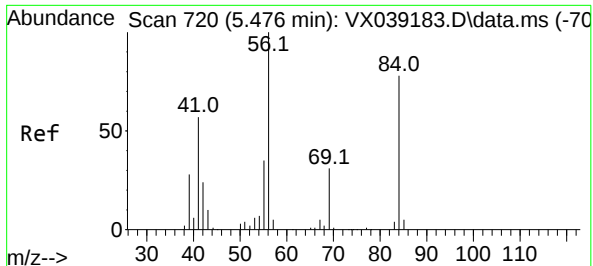
Tgt Ion: 83 Resp: 131273

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5





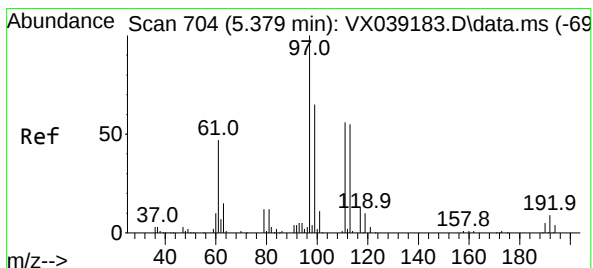
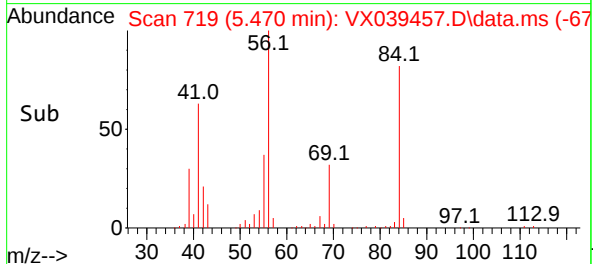
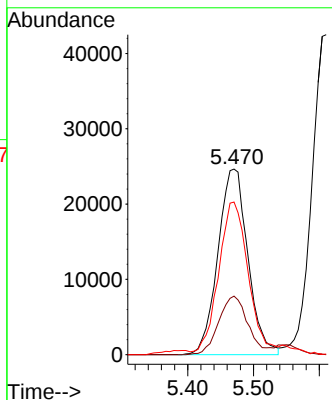
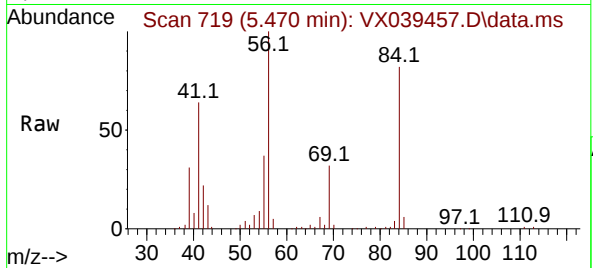
#31
Cyclohexane
Concen: 40.309 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 7812
Ion Ratio Lower Upper
56 100
69 31.5 23.4 35.2
84 80.0 65.9 98.9

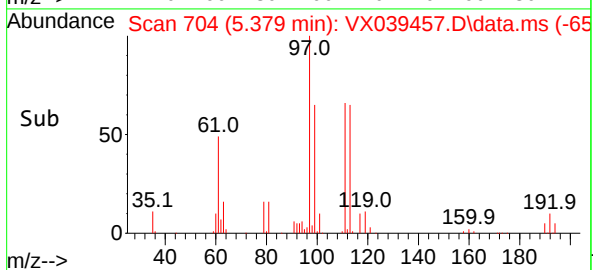
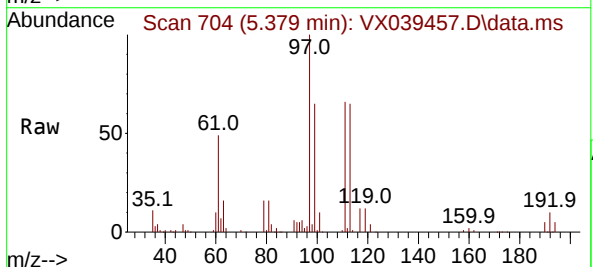
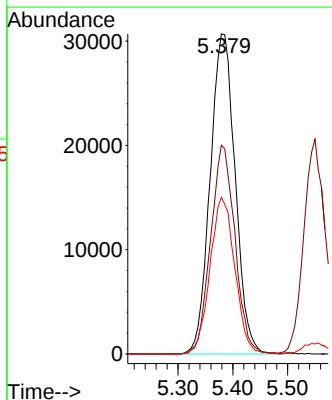
Manual Integrations
APPROVED

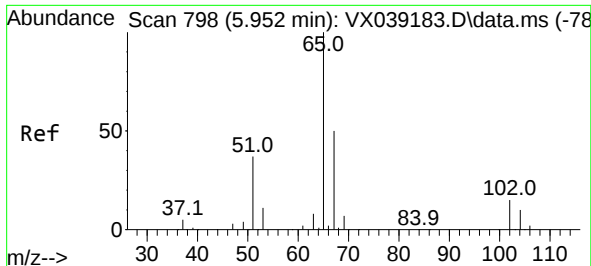
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#32
1,1,1-Trichloroethane
Concen: 51.062 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 97 Resp: 97264
Ion Ratio Lower Upper
97 100
99 63.3 51.1 76.7
61 48.6 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 57.396 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 86124

Ion Ratio Lower Upper

65 100

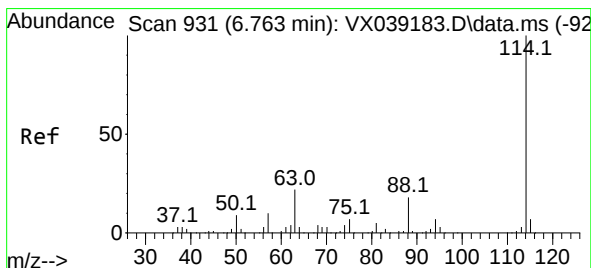
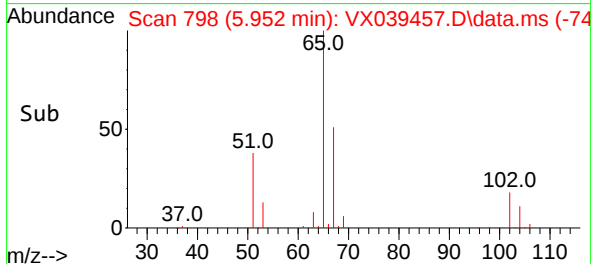
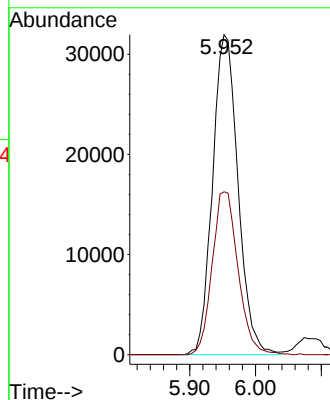
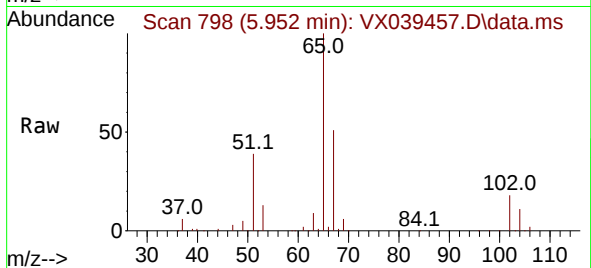
67 51.8 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

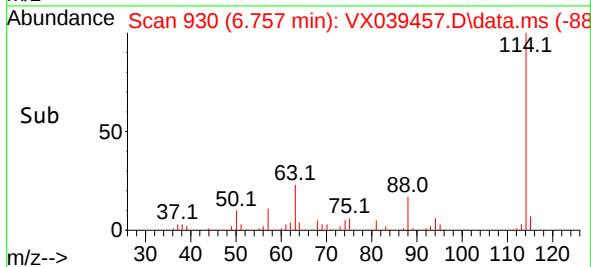
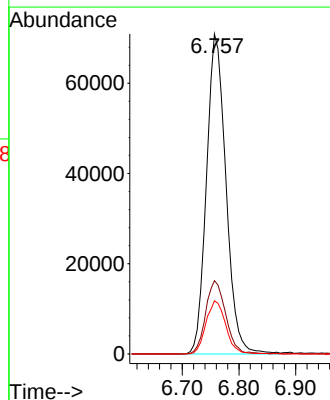
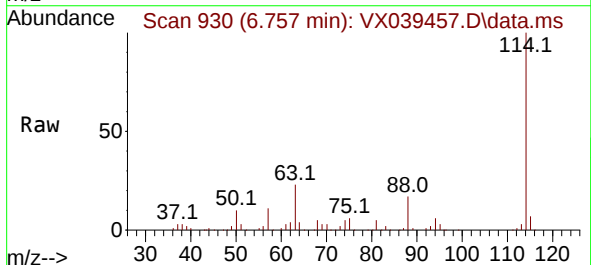
Tgt Ion:114 Resp: 169242

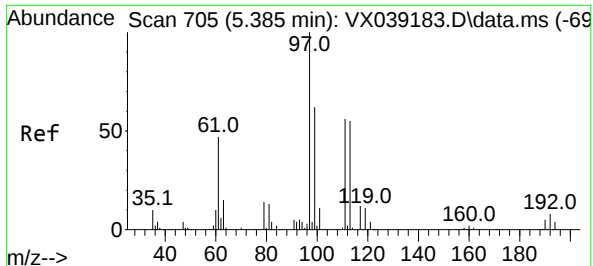
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

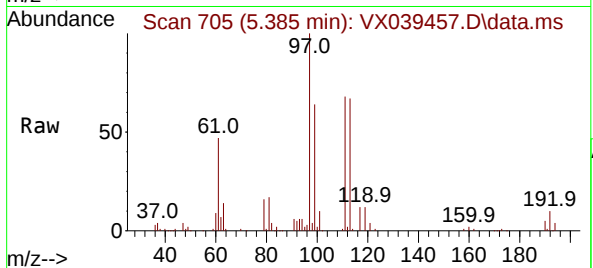
88 16.6 0.0 36.6





#35
Dibromofluoromethane
Concen: 51.505 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

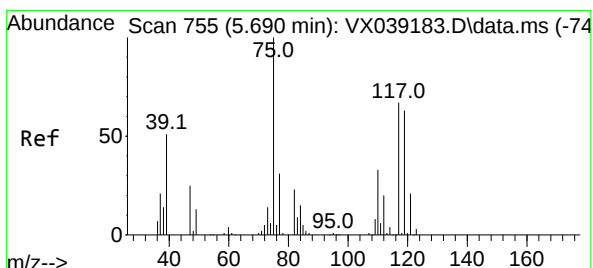
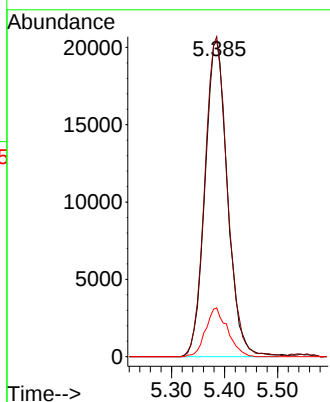
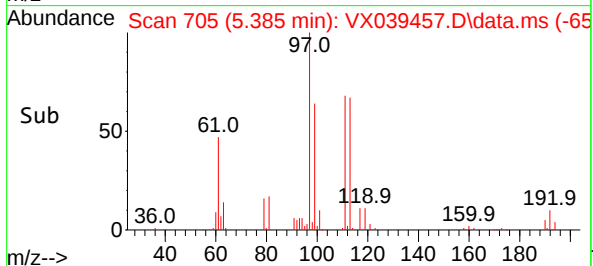
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 60220
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 15.1 13.3 19.9

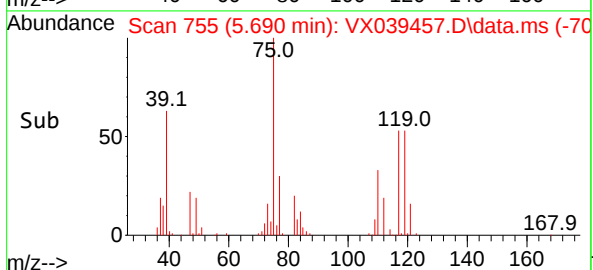
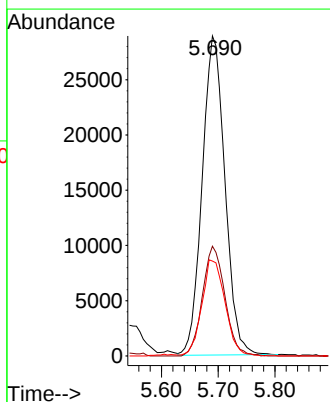
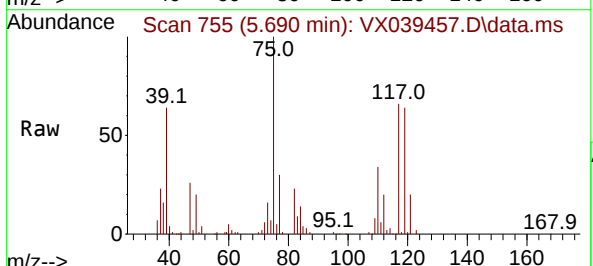
Manual Integrations
APPROVED

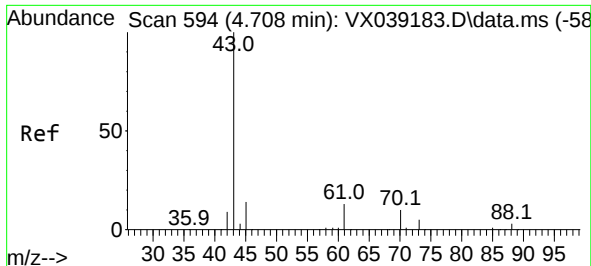
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#36
1,1-Dichloropropene
Concen: 43.693 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

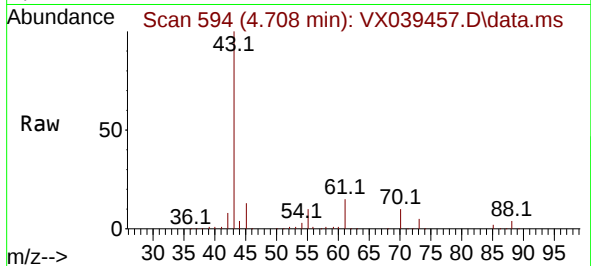
Tgt Ion: 75 Resp: 80616
Ion Ratio Lower Upper
75 100
110 33.9 17.0 50.9
77 30.7 24.7 37.1





#37
Ethyl Acetate
Concen: 59.334 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

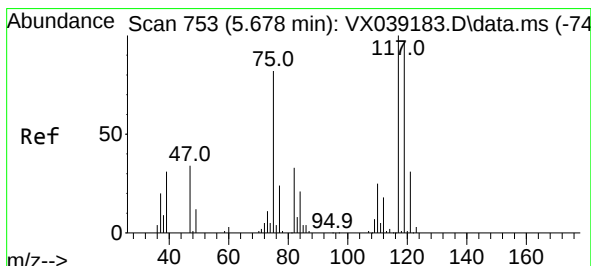
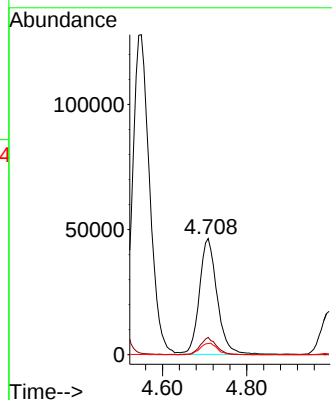
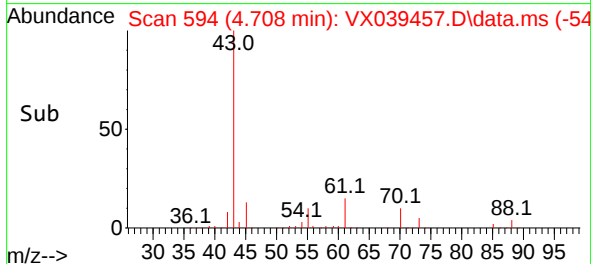
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 135249
Ion Ratio Lower Upper
43 100
61 13.6 10.6 16.0
70 9.7 8.3 12.5

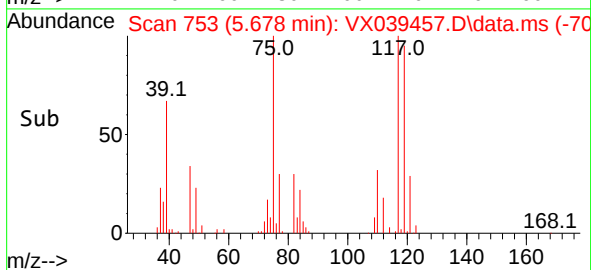
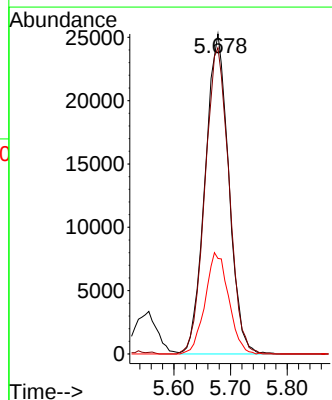
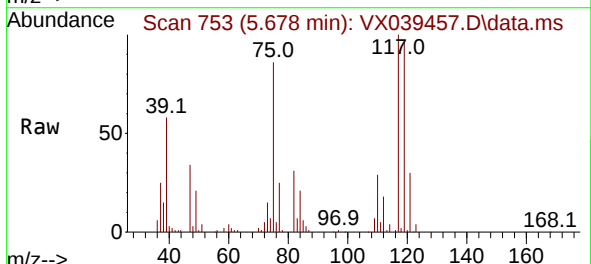
Manual Integrations
APPROVED

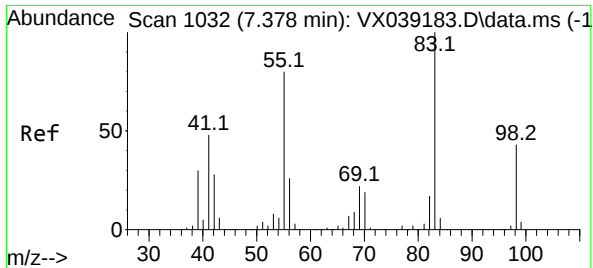
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#38
Carbon Tetrachloride
Concen: 41.592 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:117 Resp: 73233
Ion Ratio Lower Upper
117 100
119 95.7 78.2 117.2
121 29.9 24.4 36.6





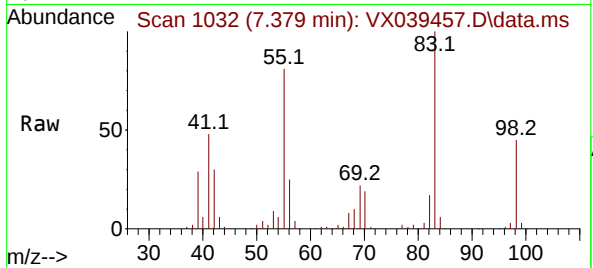
#39
Methylcyclohexane
Concen: 32.861 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



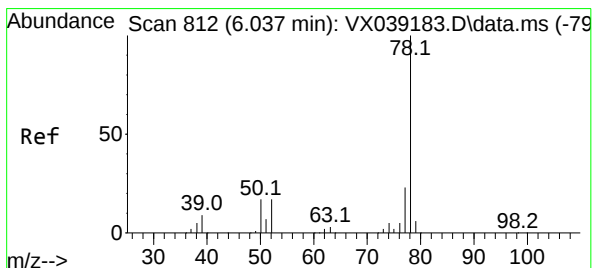
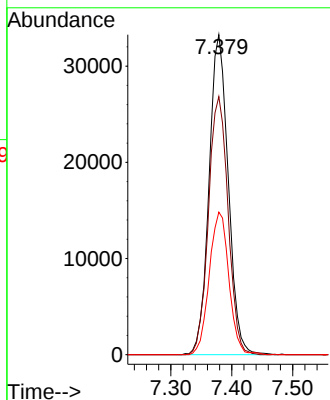
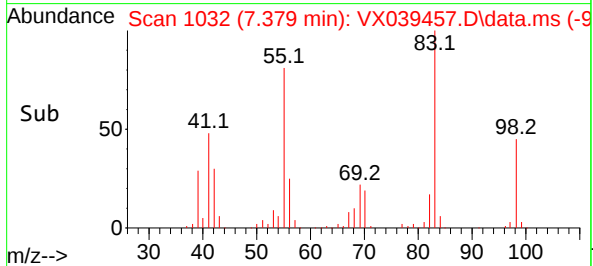
Tgt Ion: 83 Resp: 72828
Ion Ratio Lower Upper
83 100
55 80.7 64.6 97.0
98 44.6 36.7 55.1

Manual Integrations

APPROVED

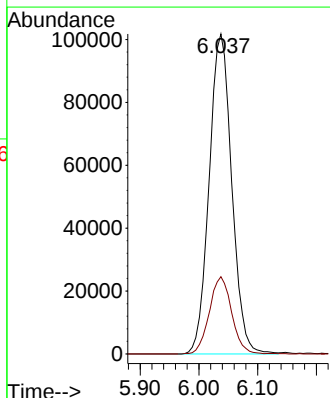
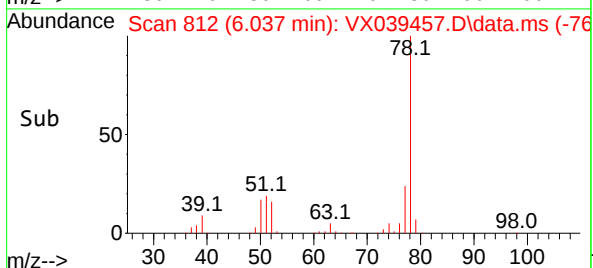
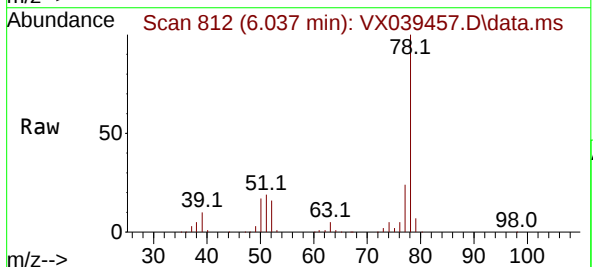
Reviewed By :John Carlone 12/27/2023

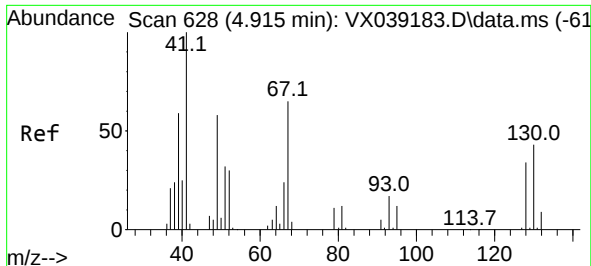
Supervised By :Mahesh Dadoda 12/28/2023



#40
Benzene
Concen: 52.047 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 78 Resp: 271641
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9





#41
Methacrylonitrile
Concen: 57.890 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

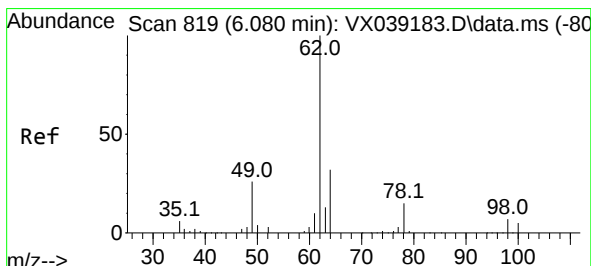
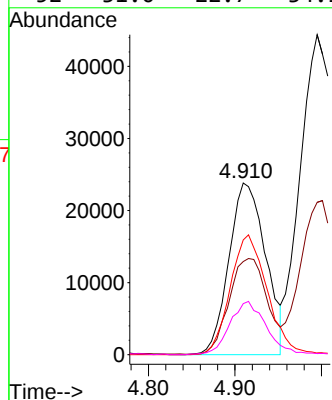
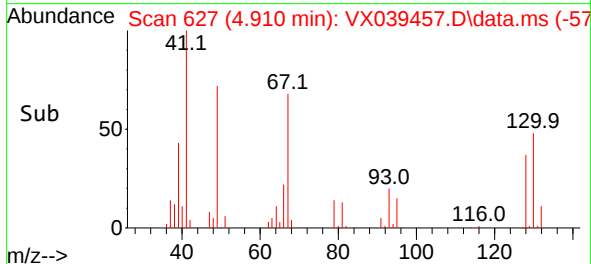
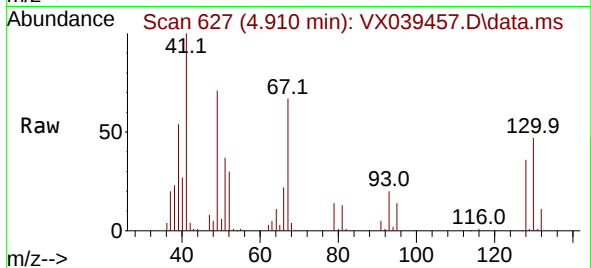
VSTDCCC050EC

Tgt Ion: 41 Resp: 70400
Ion Ratio Lower Upper
41 100
39 57.5 45.2 67.8
67 70.6 52.6 78.8
52 31.0 22.7 34.1

Manual Integrations

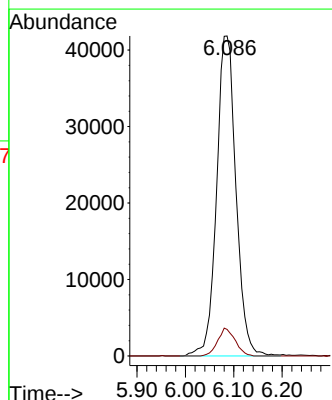
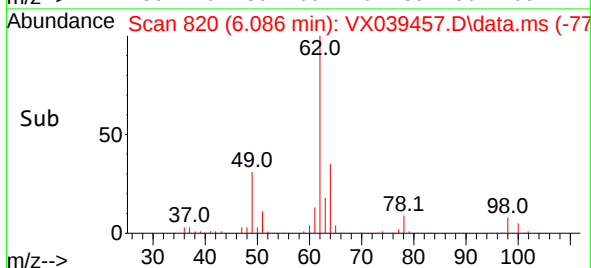
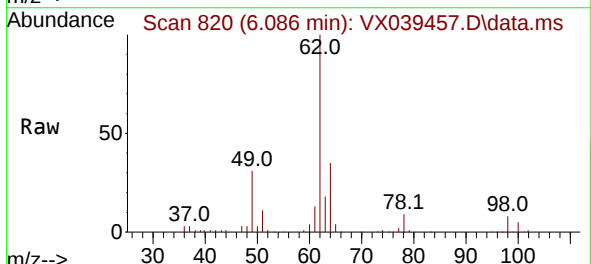
APPROVED

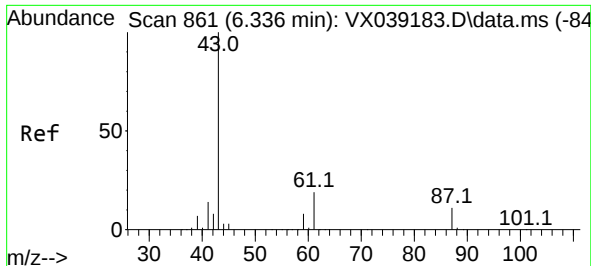
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#42
1,2-Dichloroethane
Concen: 55.140 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

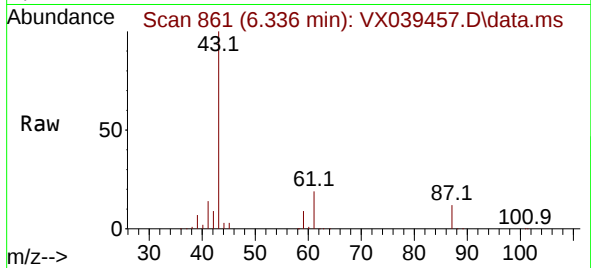
Tgt Ion: 62 Resp: 116492
Ion Ratio Lower Upper
62 100
98 7.8 0.0 16.0





#43
Isopropyl Acetate
Concen: 57.567 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

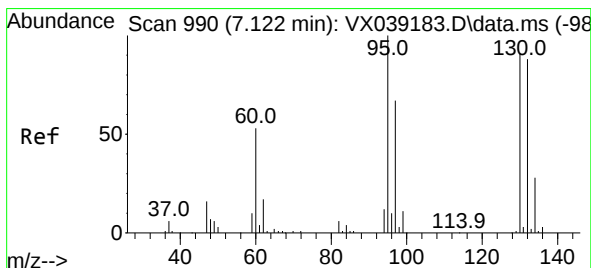
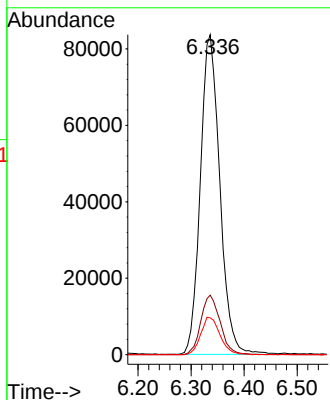
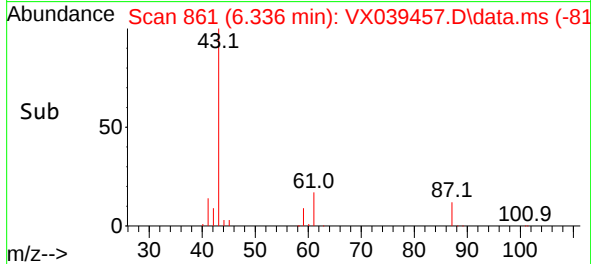
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 21338
Ion Ratio Lower Upper
43 100
61 18.5 15.2 22.8
87 11.6 9.8 14.6

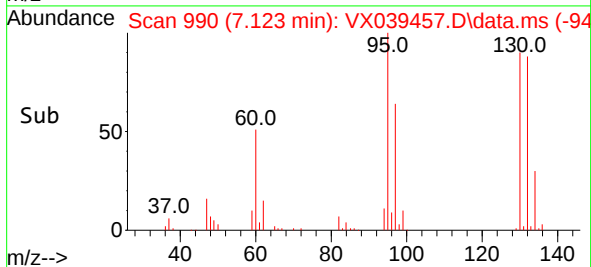
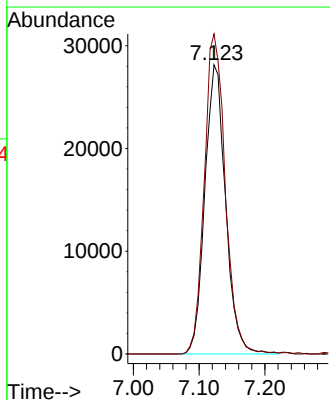
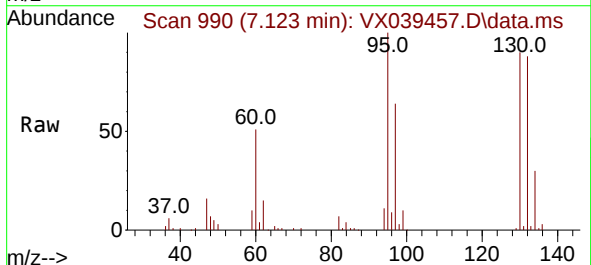
Manual Integrations
APPROVED

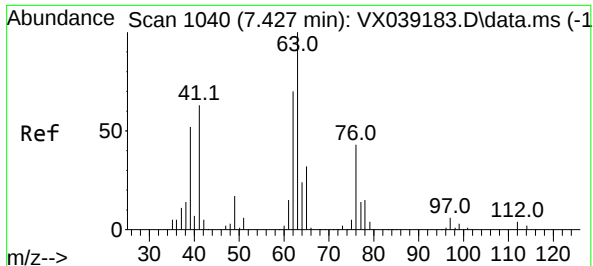
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#44
Trichloroethene
Concen: 46.884 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:130 Resp: 61748
Ion Ratio Lower Upper
130 100
95 110.7 0.0 204.4





#45

1,2-Dichloropropane

Concen: 56.159 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 7866

Ion Ratio Lower Upper

63 100

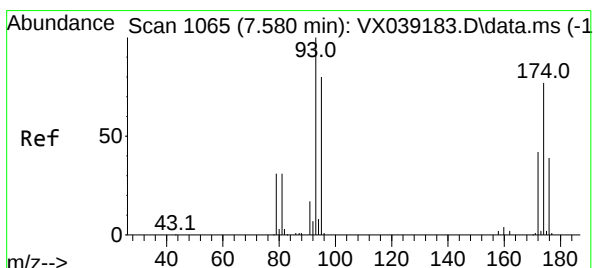
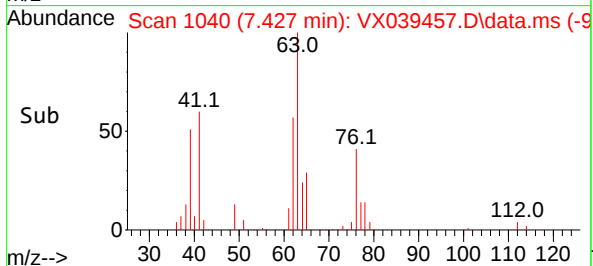
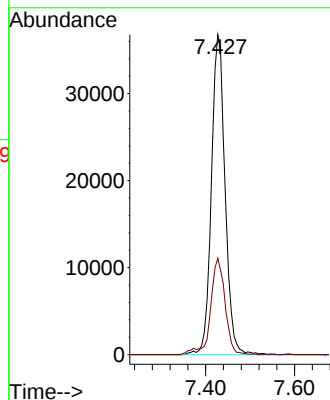
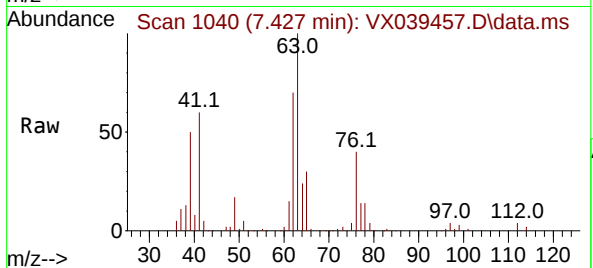
65 30.2 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#46

Dibromomethane

Concen: 57.518 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

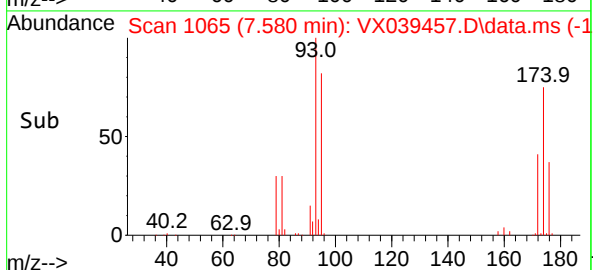
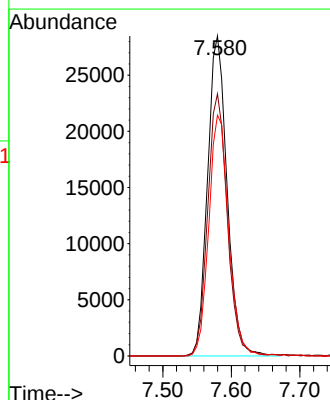
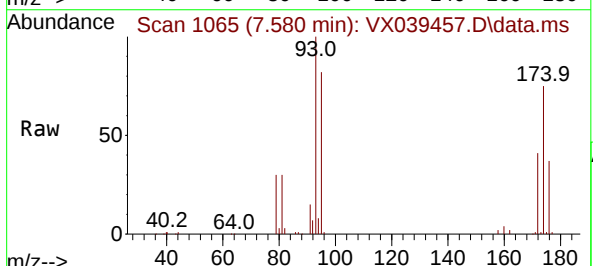
Tgt Ion: 93 Resp: 56635

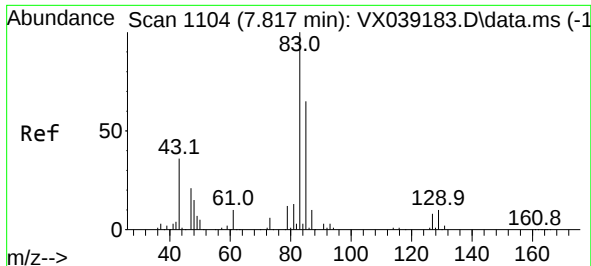
Ion Ratio Lower Upper

93 100

95 82.0 66.6 100.0

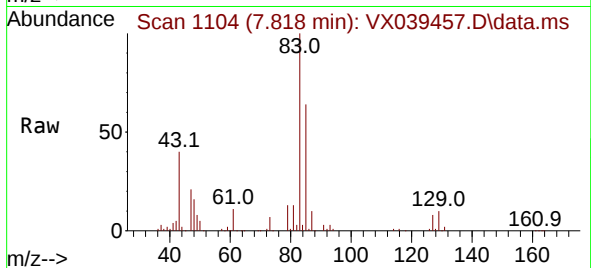
174 76.6 69.4 104.0





#47
Bromodichloromethane
Concen: 55.287 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

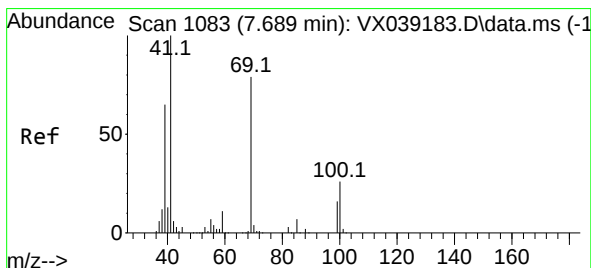
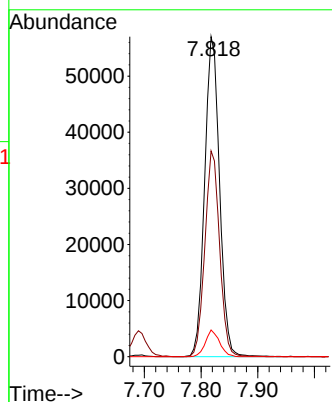
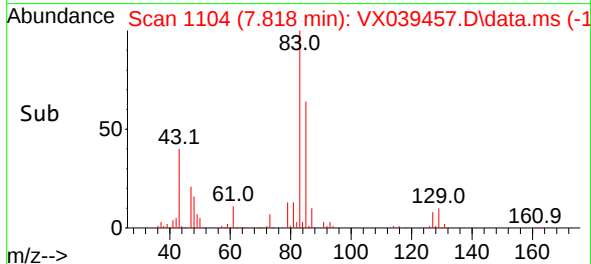
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



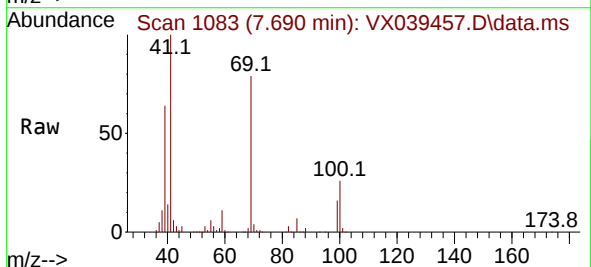
Tgt Ion: 83 Resp: 104080
Ion Ratio Lower Upper
83 100
85 64.3 49.8 74.6
127 8.3 7.1 10.7

Manual Integrations
APPROVED

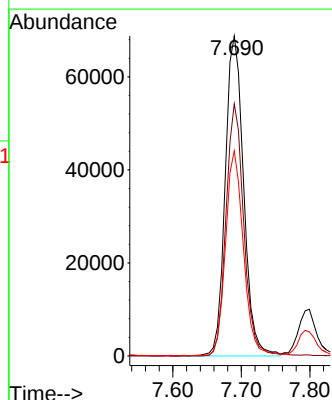
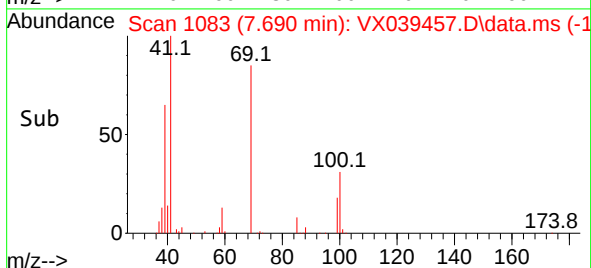
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

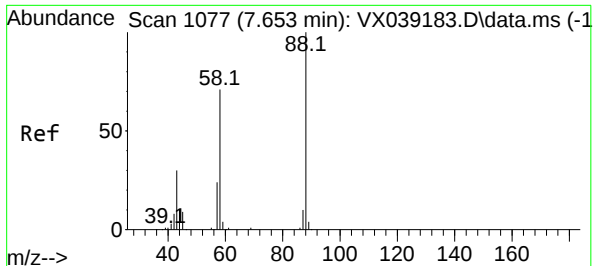


#48
Methyl methacrylate
Concen: 59.034 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47



Tgt Ion: 41 Resp: 127928
Ion Ratio Lower Upper
41 100
69 76.5 59.2 88.8
39 61.8 47.7 71.5





#49

1,4-Dioxane

Concen: 1275.984 ug/l

RT: 7.653 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 3727

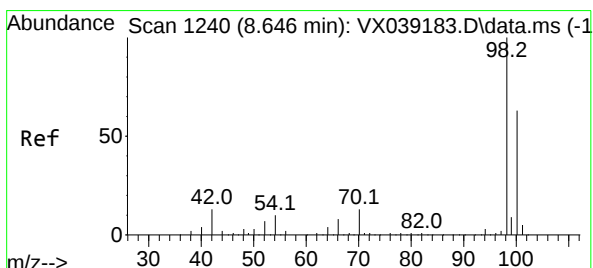
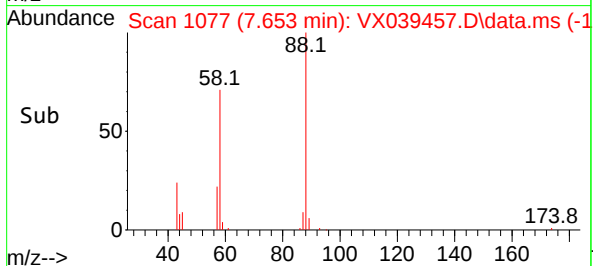
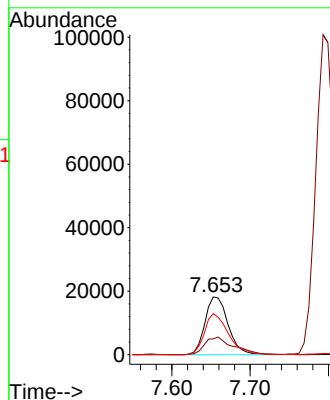
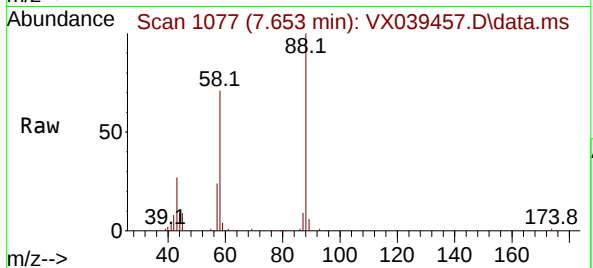
Ion	Ratio	Lower	Upper
88	100		
43	37.9	0.0	0.0
58	73.6	60.1	90.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#50

Toluene-d8

Concen: 47.884 ug/l

RT: 8.647 min Scan# 1240

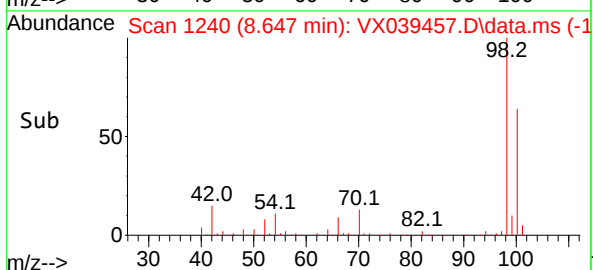
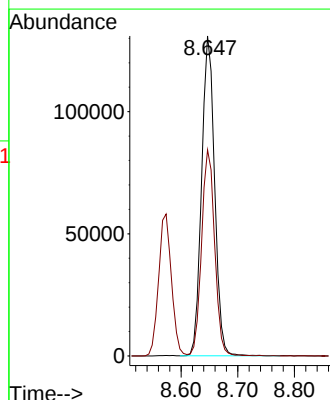
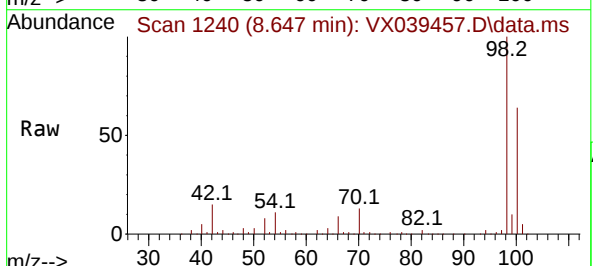
Delta R.T. 0.000 min

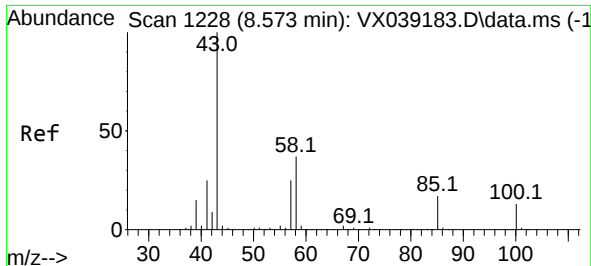
Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion: 98 Resp: 207849

Ion	Ratio	Lower	Upper
98	100		
100	64.8	53.1	79.7





#51
4-Methyl-2-Pentanone
Concen: 299.595 ug/l
RT: 8.567 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

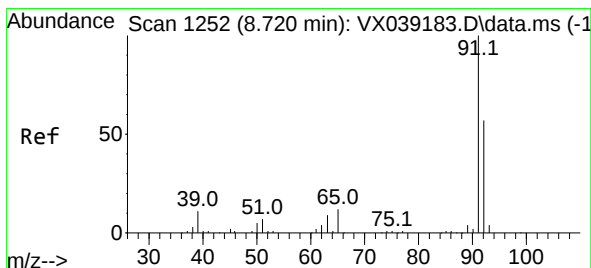
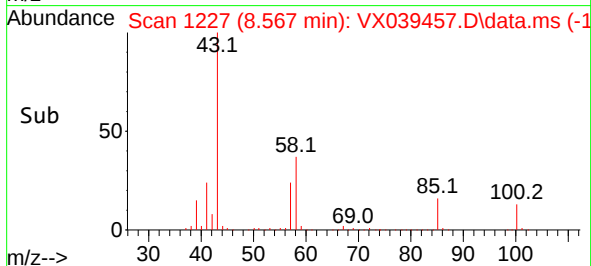
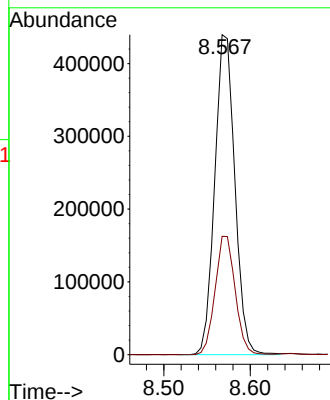
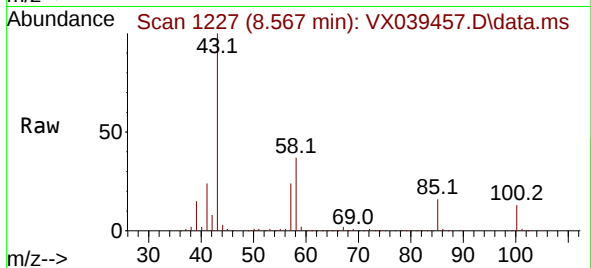
VSTDCCC050EC

Tgt Ion: 43 Resp: 707562
Ion Ratio Lower Upper
43 100
58 37.1 30.4 45.6

Manual Integrations

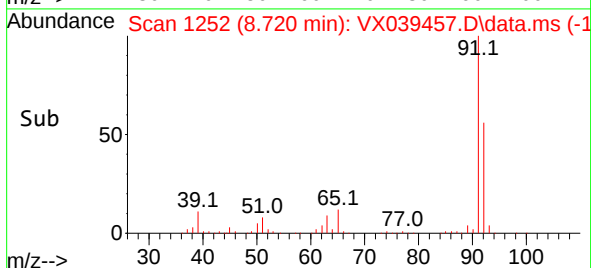
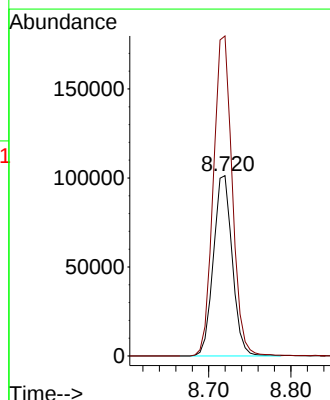
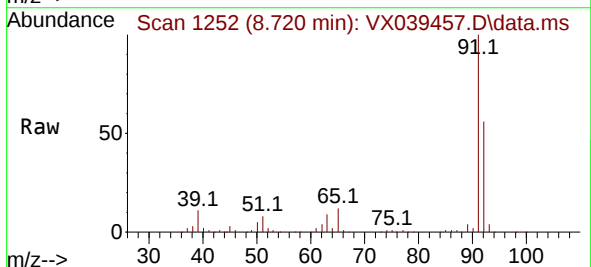
APPROVED

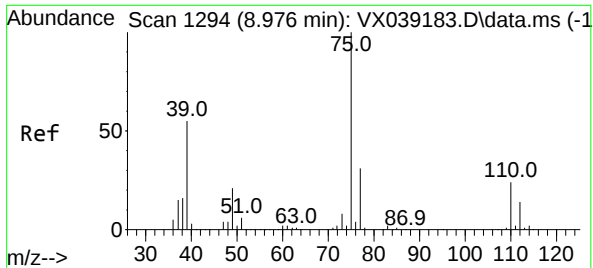
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#52
Toluene
Concen: 51.136 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 92 Resp: 161083
Ion Ratio Lower Upper
92 100
91 178.1 134.2 201.2





#53
t-1,3-Dichloropropene
Concen: 55.478 ug/l
RT: 8.976 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

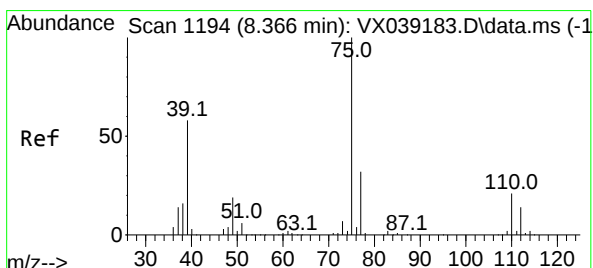
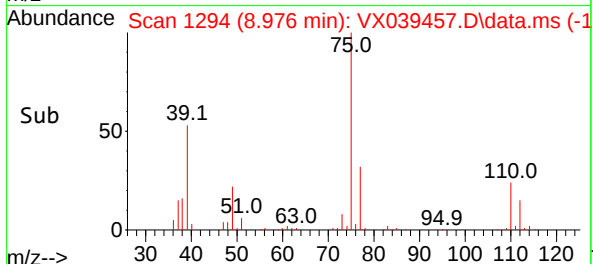
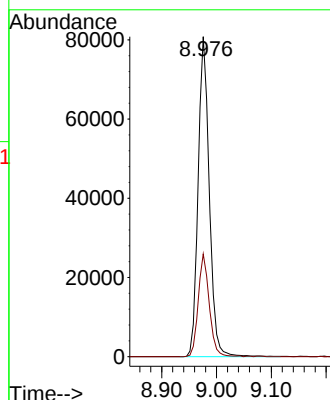
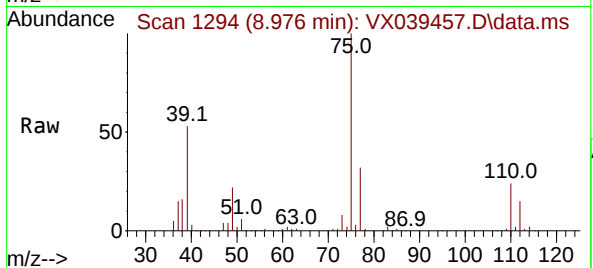
VSTDCCC050EC

Tgt Ion: 75 Resp: 114990
Ion Ratio Lower Upper
75 100
77 32.1 25.7 38.5

Manual Integrations

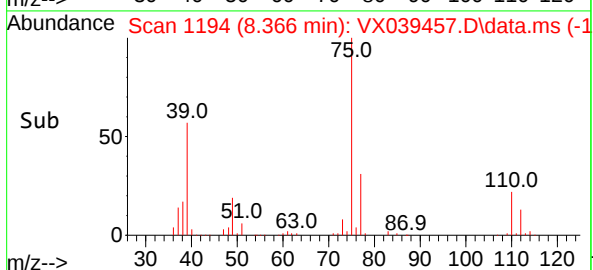
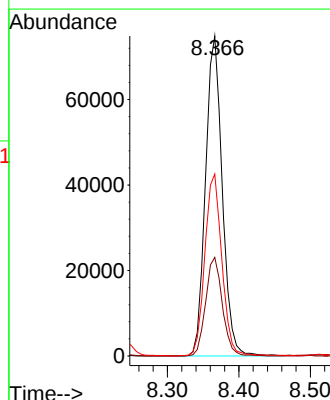
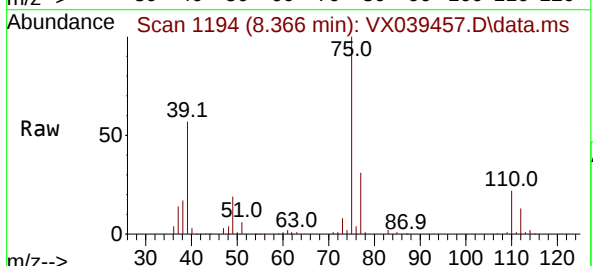
APPROVED

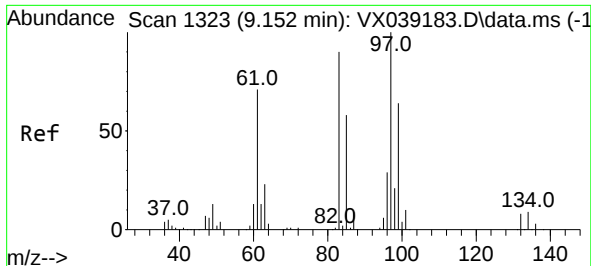
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#54
cis-1,3-Dichloropropene
Concen: 54.653 ug/l
RT: 8.366 min Scan# 1194
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 75 Resp: 121887
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9
39 56.8 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 59.212 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 77870

Ion Ratio Lower Upper

97 100

83 89.2 65.8 98.8

85 56.6 41.6 62.4

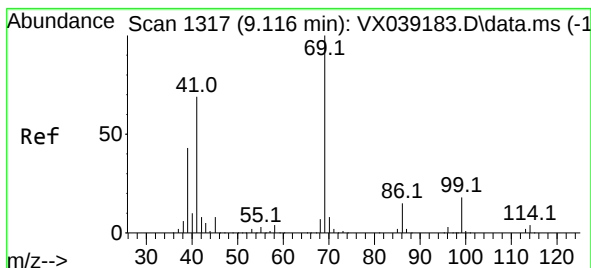
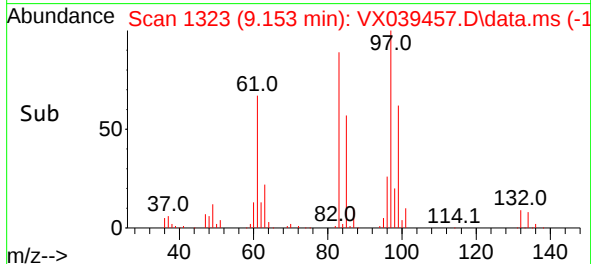
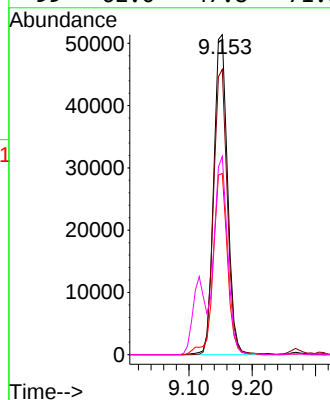
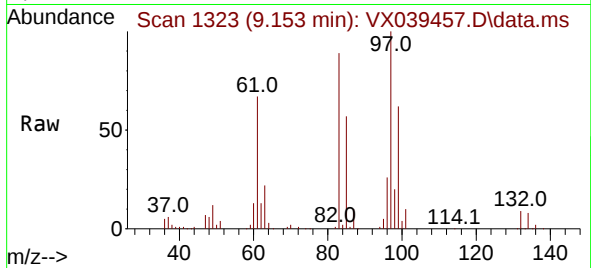
99 62.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#56

Ethyl methacrylate

Concen: 61.043 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

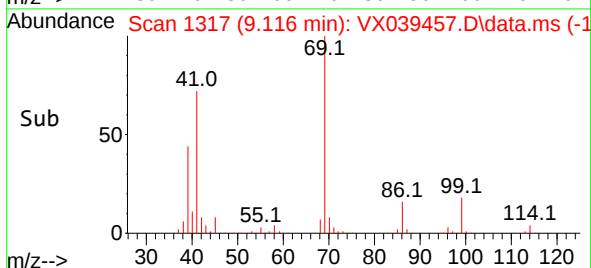
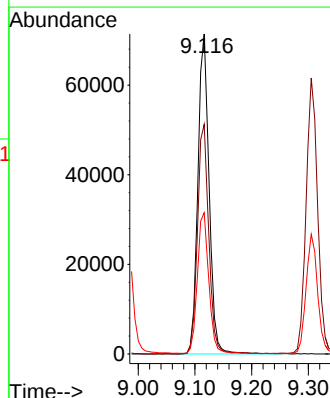
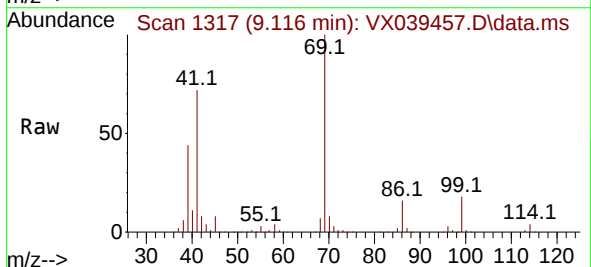
Tgt Ion: 69 Resp: 98000

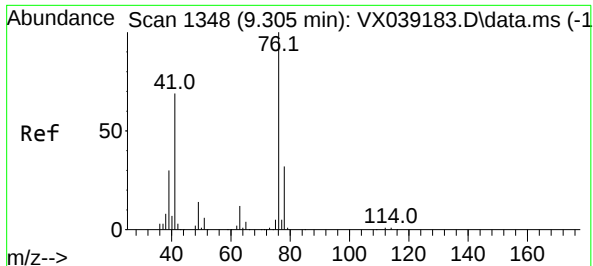
Ion Ratio Lower Upper

69 100

41 72.5 56.8 85.2

39 45.2 32.0 48.0





#57

1,3-Dichloropropane

Concen: 58.017 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 13190

Ion Ratio Lower Upper

76 100

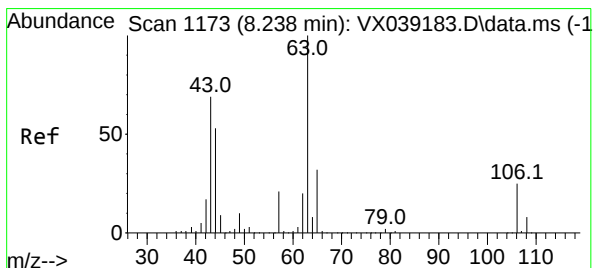
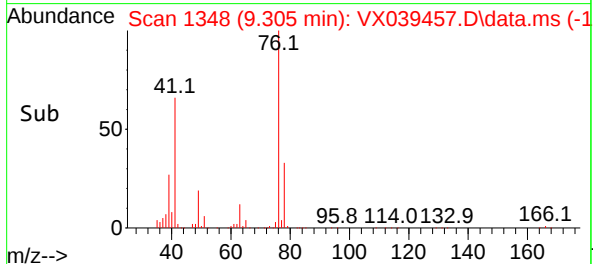
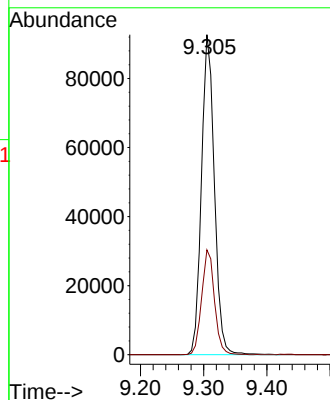
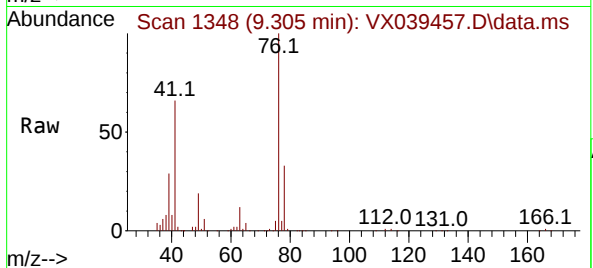
78 32.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 285.368 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039457.D

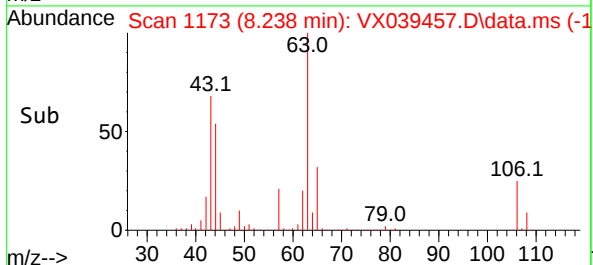
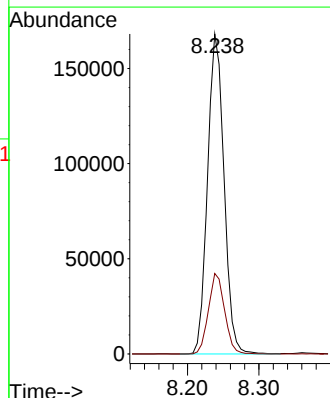
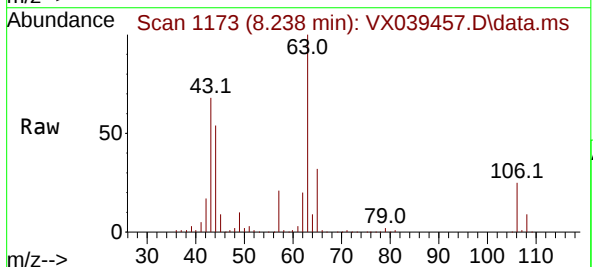
Acq: 22 Dec 2023 21:47

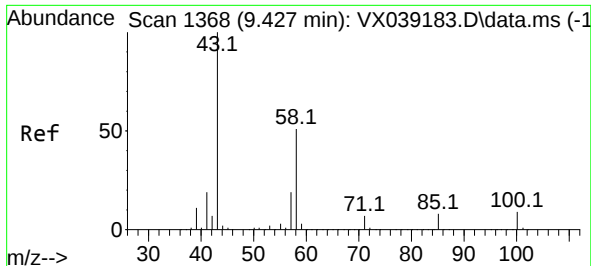
Tgt Ion: 63 Resp: 269015

Ion Ratio Lower Upper

63 100

106 24.7 22.5 33.7





#59

2-Hexanone

Concen: 276.797 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 56418

Ion Ratio Lower Upper

43 100

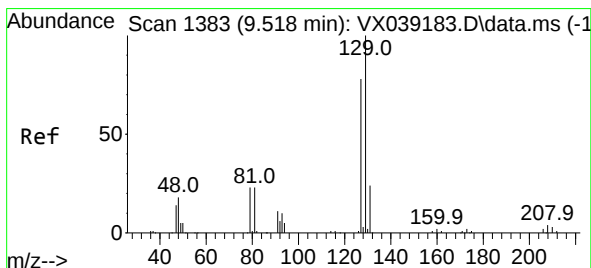
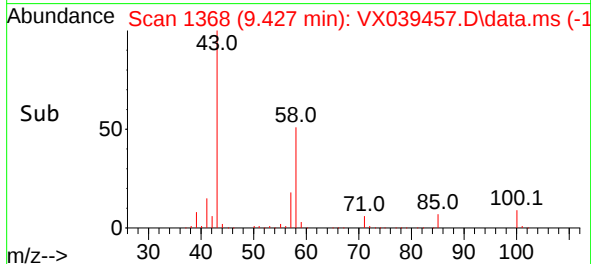
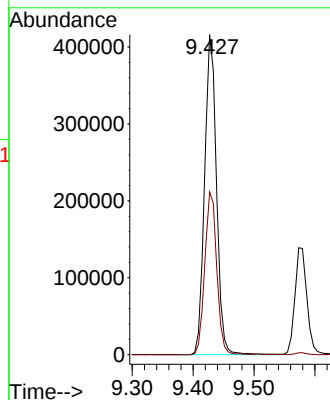
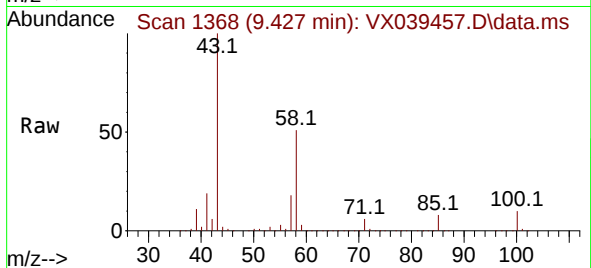
58 51.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#60

Dibromochloromethane

Concen: 56.522 ug/l

RT: 9.518 min Scan# 1383

Delta R.T. 0.000 min

Lab File: VX039457.D

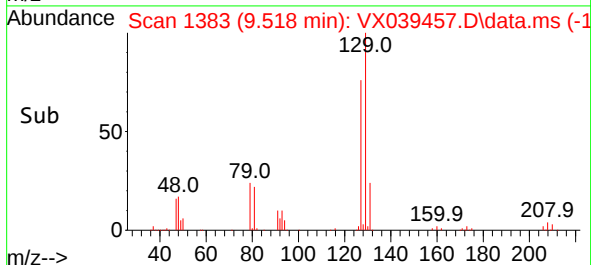
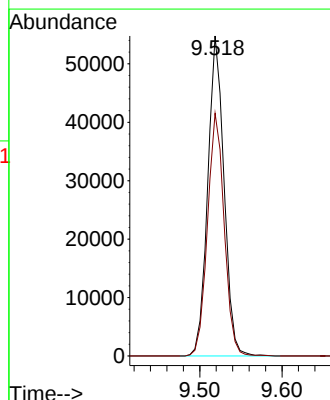
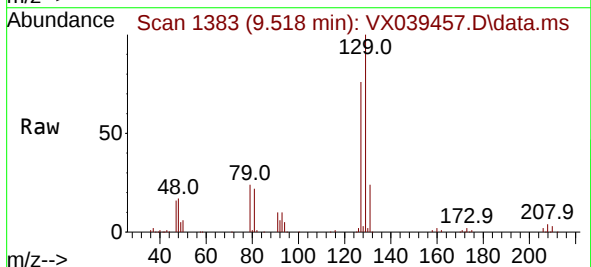
Acq: 22 Dec 2023 21:47

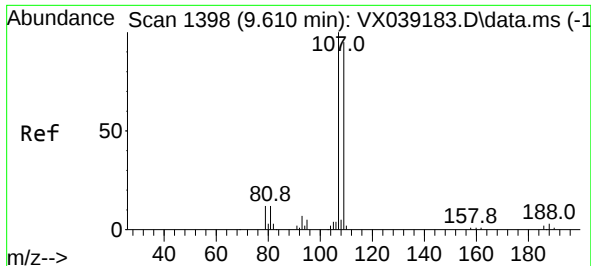
Tgt Ion:129 Resp: 75175

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.4





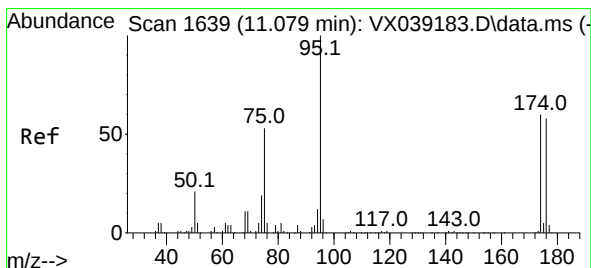
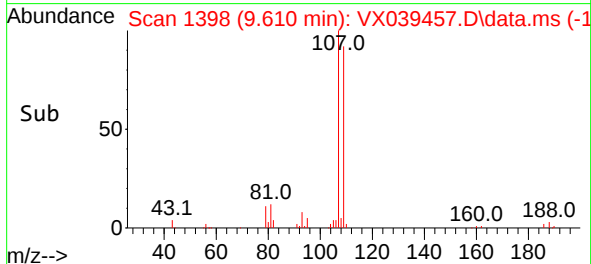
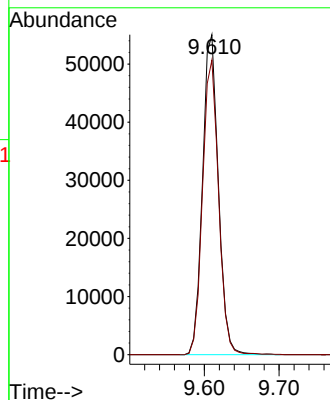
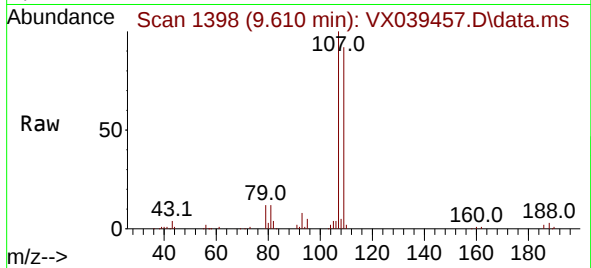
#61
1,2-Dibromoethane
Concen: 57.776 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 81112
Ion Ratio Lower Upper
107 100
109 93.0 75.2 112.8

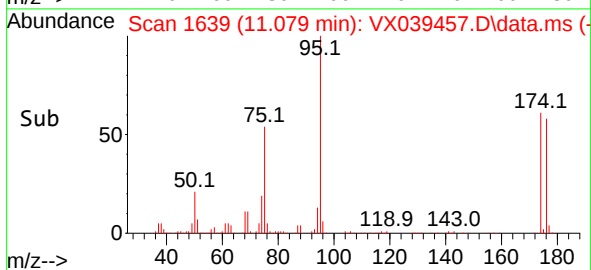
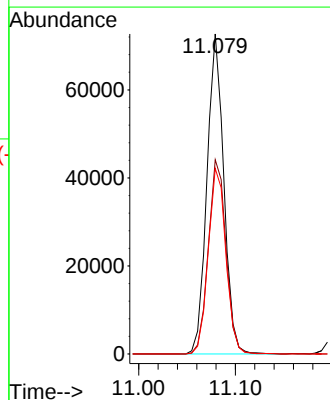
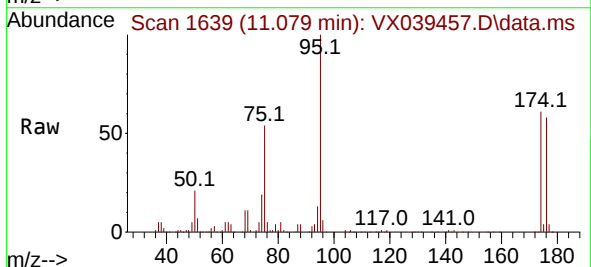
Manual Integrations
APPROVED

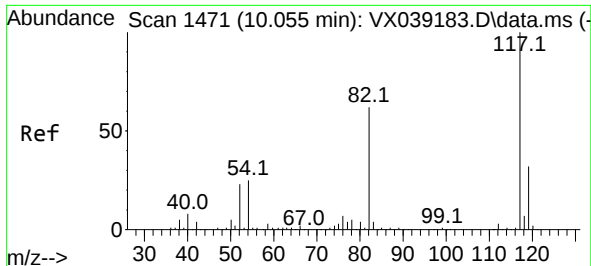
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#62
4-Bromofluorobenzene
Concen: 49.242 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

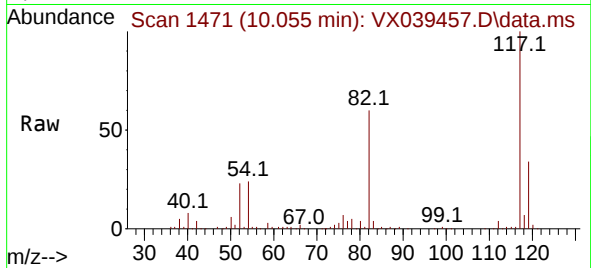
Tgt Ion: 95 Resp: 88191
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 60.6 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

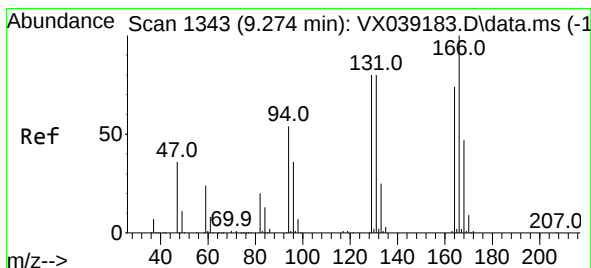
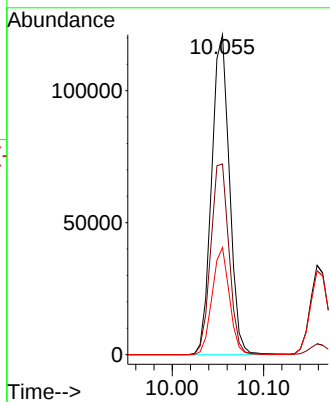
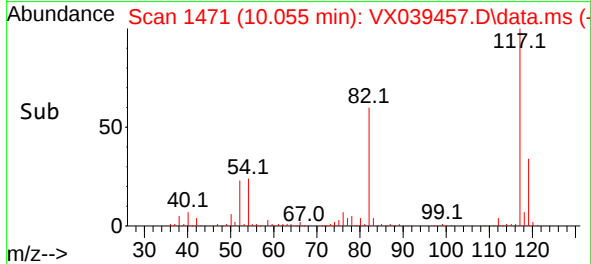
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 164075
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 33.5 25.5 38.3

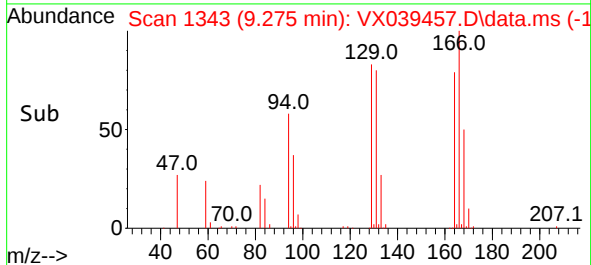
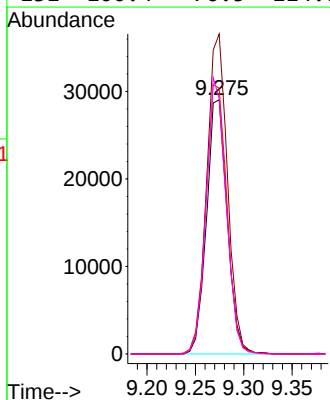
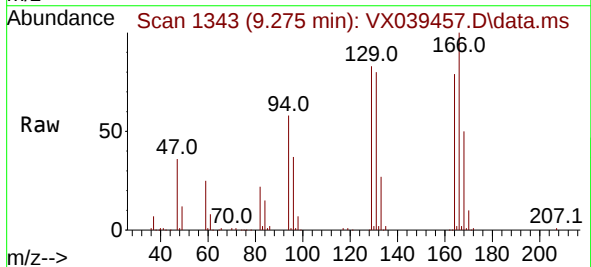
Manual Integrations
APPROVED

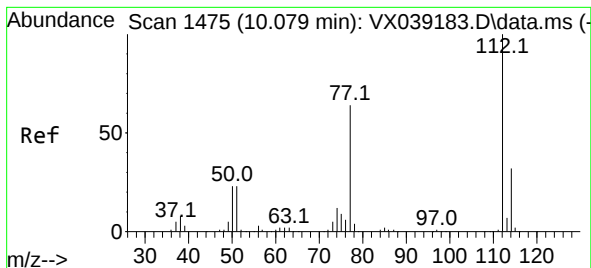
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#64
Tetrachloroethene
Concen: 40.299 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:164 Resp: 43207
Ion Ratio Lower Upper
164 100
166 125.8 102.7 154.1
129 104.5 80.4 120.6
131 100.4 76.5 114.7





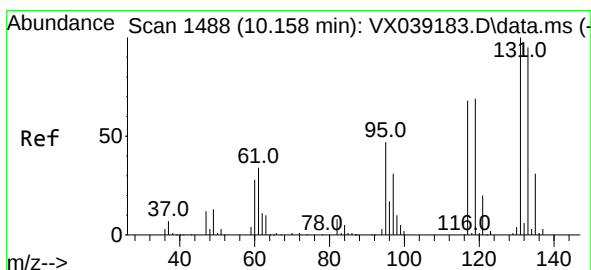
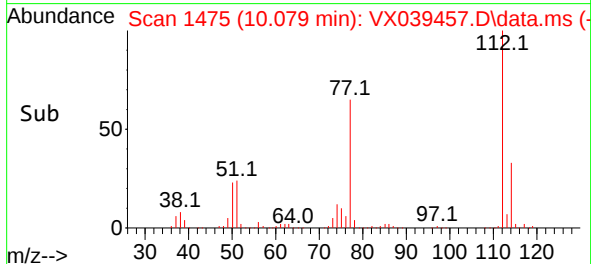
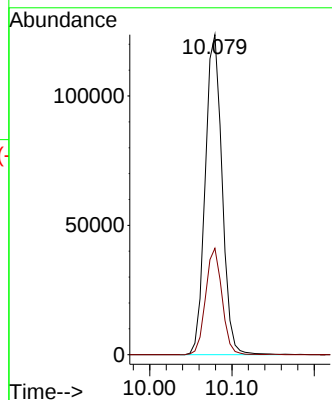
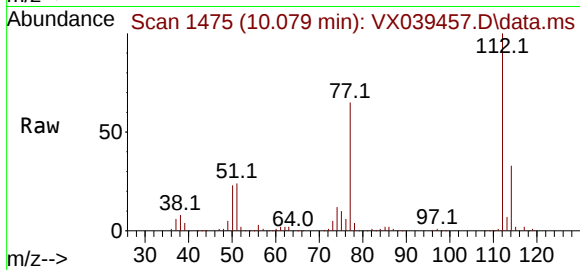
#65
Chlorobenzene
Concen: 49.141 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 17598
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5

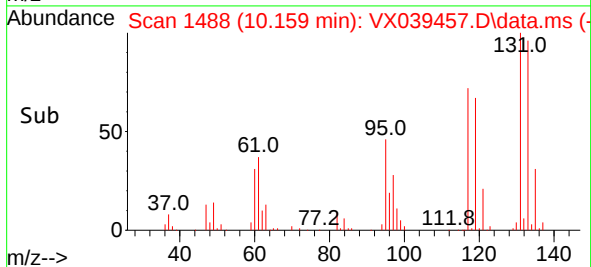
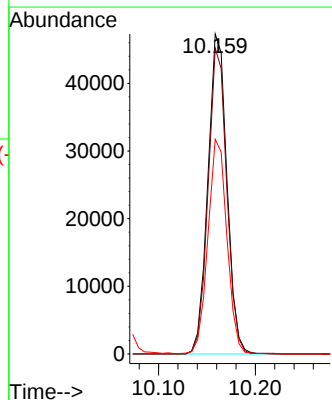
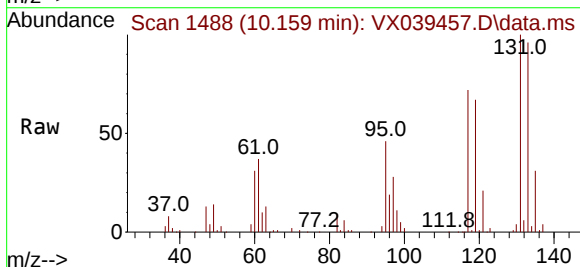
Manual Integrations
APPROVED

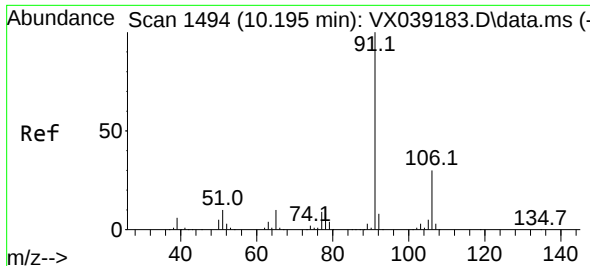
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.157 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:131 Resp: 64713
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 67.1 32.2 96.6





#67

Ethyl Benzene

Concen: 47.115 ug/l

RT: 10.189 min Scan# 1494

Delta R.T. -0.006 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 31408

Ion Ratio Lower Upper

91 100

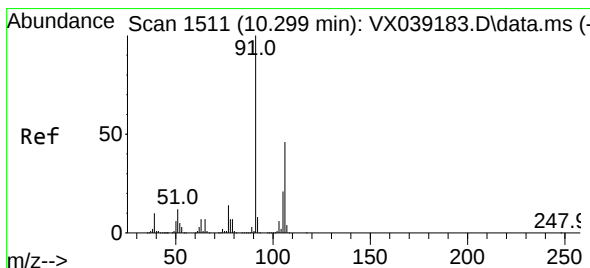
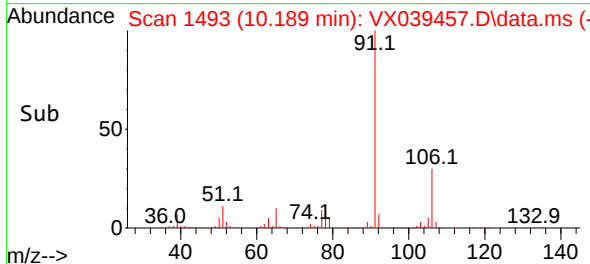
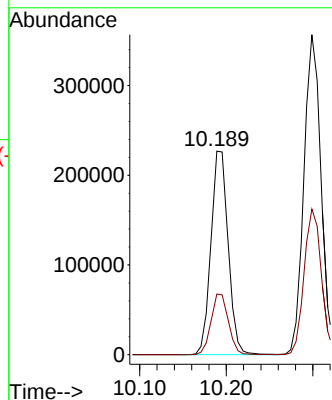
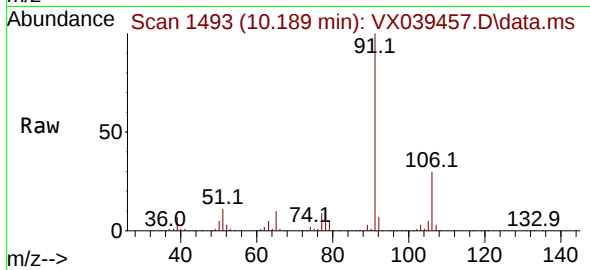
106 29.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#68

m/p-Xylenes

Concen: 94.788 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX039457.D

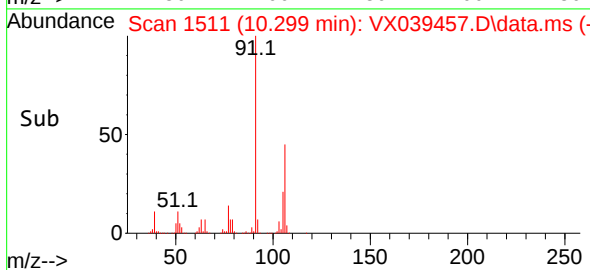
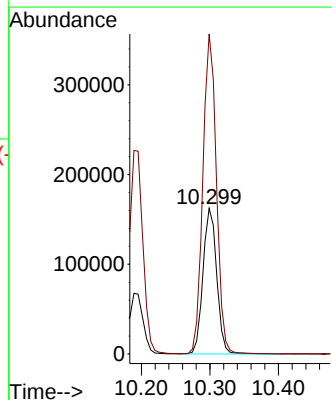
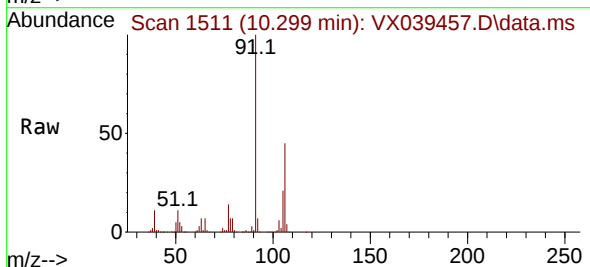
Acq: 22 Dec 2023 21:47

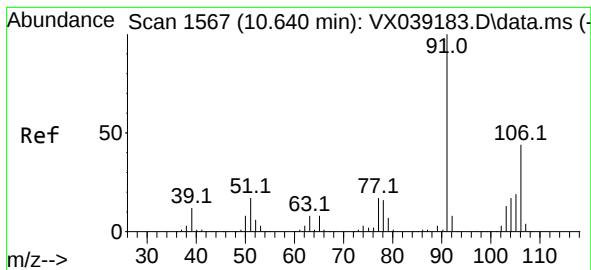
Tgt Ion:106 Resp: 226559

Ion Ratio Lower Upper

106 100

91 216.8 165.5 248.3





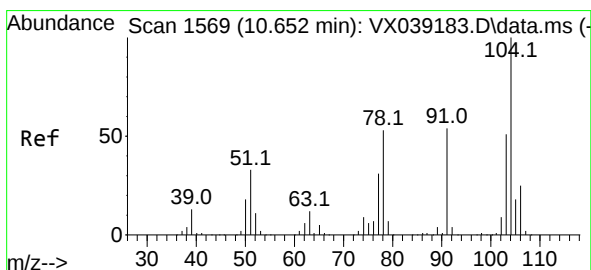
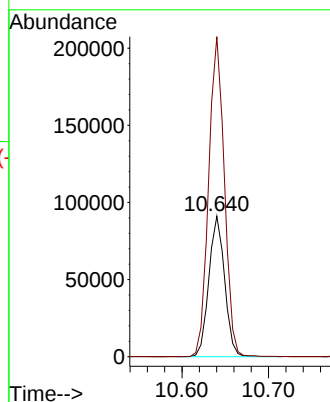
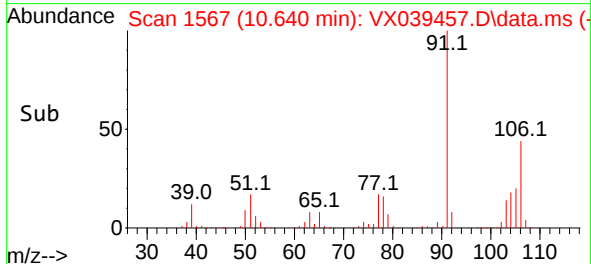
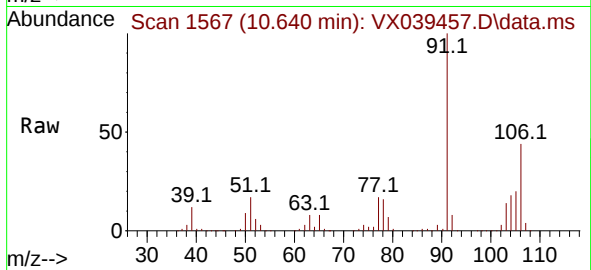
#69
o-Xylene
Concen: 49.741 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 11495
Ion Ratio Lower Upper
106 100
91 227.4 108.9 326.8

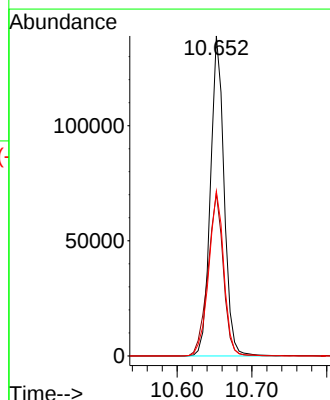
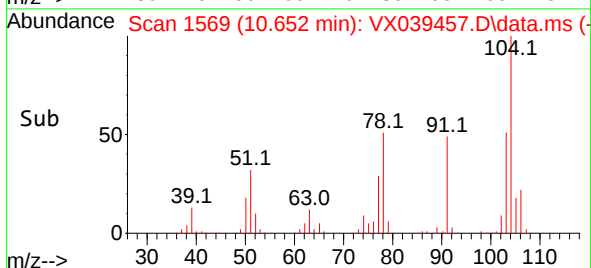
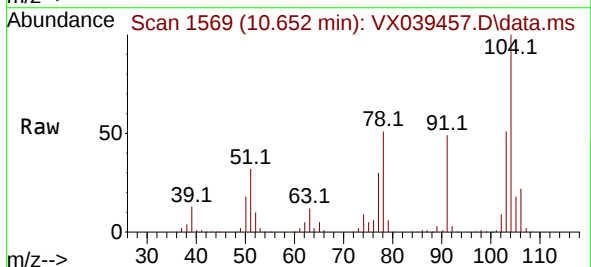
Manual Integrations
APPROVED

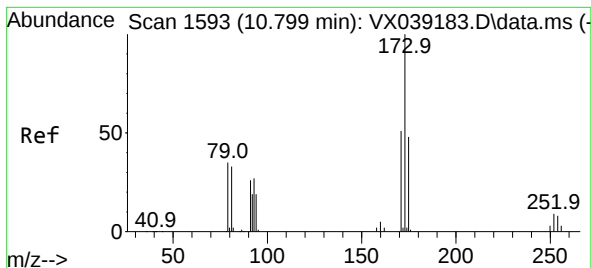
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#70
Styrene
Concen: 52.240 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:104 Resp: 176493
Ion Ratio Lower Upper
104 100
78 57.4 43.6 65.4
103 56.8 43.6 65.4





#71

Bromoform

Concen: 53.039 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

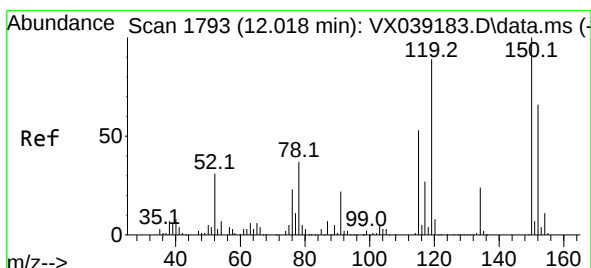
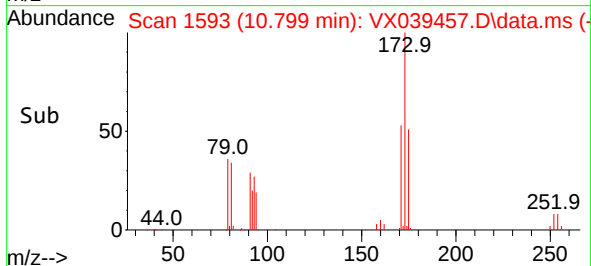
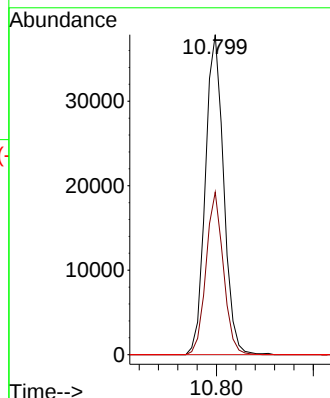
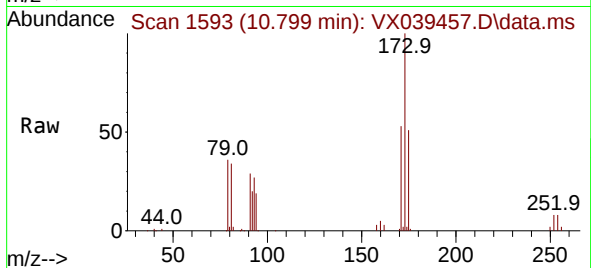
Tgt Ion:173	Resp:	4987
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.1 72.4
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

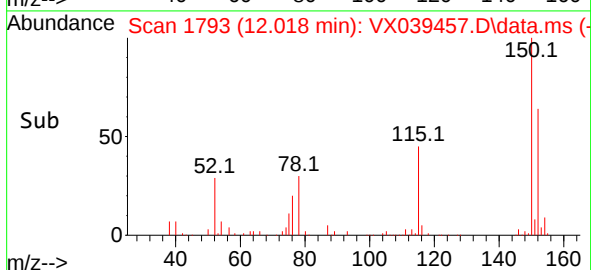
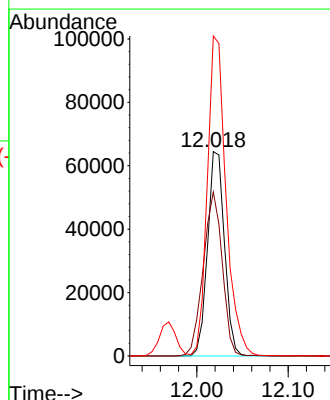
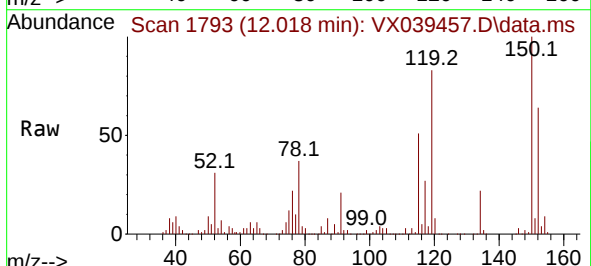
RT: 12.018 min Scan# 1793

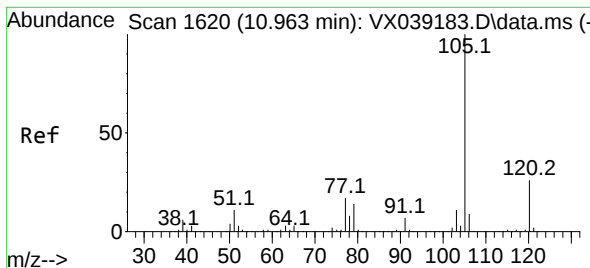
Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion:152	Resp:	82595
Ion Ratio	Lower	Upper
152	100	
115	90.3	43.3 129.9
150	172.4	0.0 345.0





#73

Isopropylbenzene

Concen: 44.337 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 28254

Ion Ratio Lower Upper

105 100

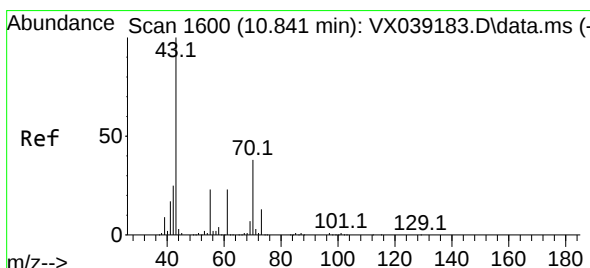
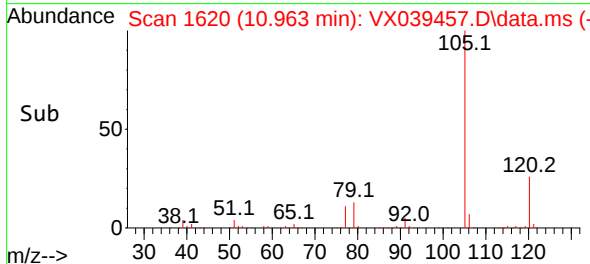
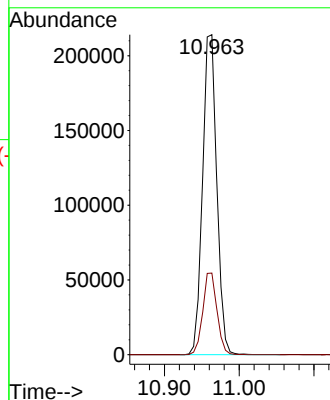
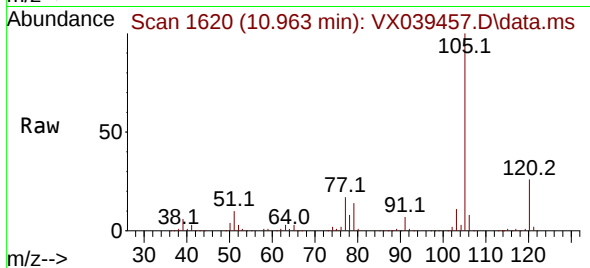
120 25.5 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#74

N-ethyl acetate

Concen: 58.057 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion: 43 Resp: 187188

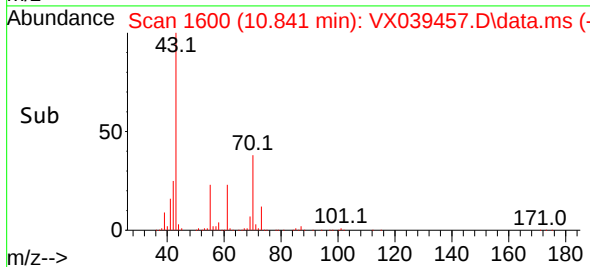
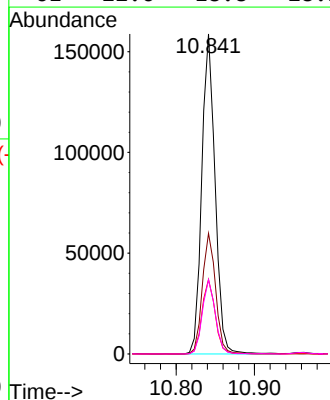
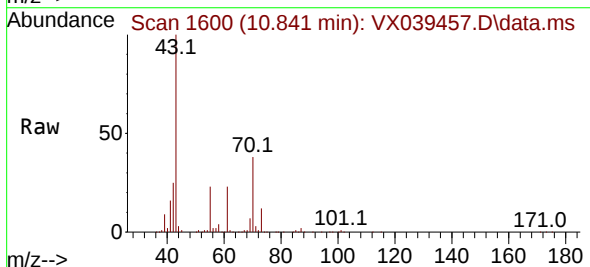
Ion Ratio Lower Upper

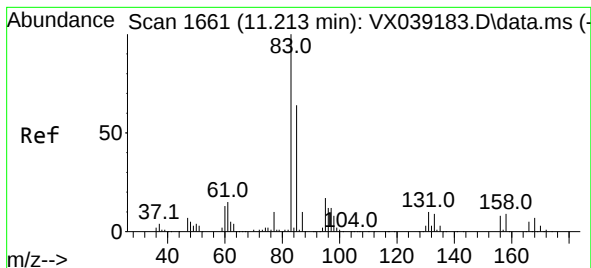
43 100

70 37.7 32.9 49.3

55 23.1 19.3 28.9

61 22.6 18.8 28.2





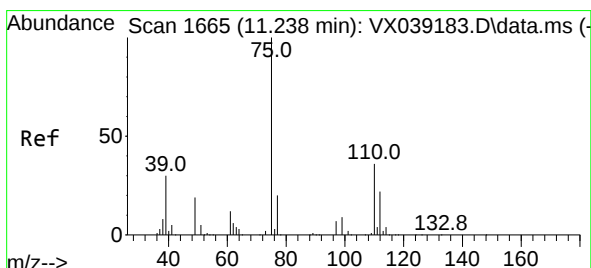
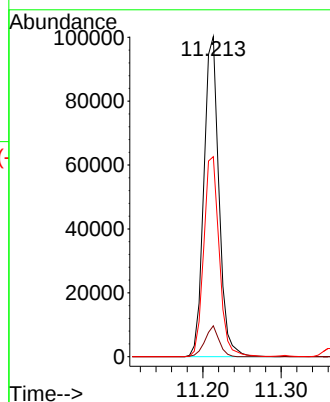
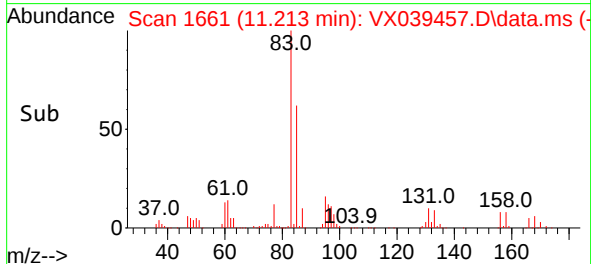
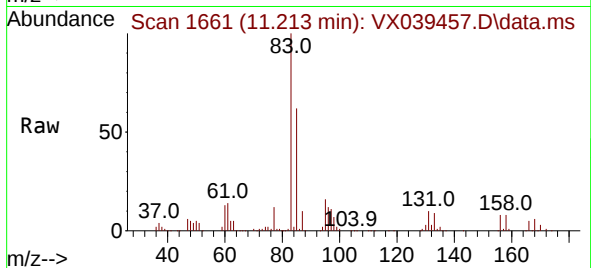
#75
1,1,2,2-Tetrachloroethane
Concen: 56.290 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 13344
Ion Ratio Lower Upper
83 100
131 9.0 5.3 15.8
85 64.5 32.0 96.2

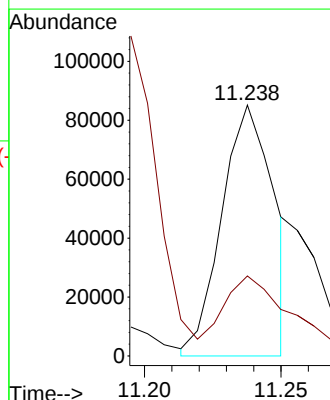
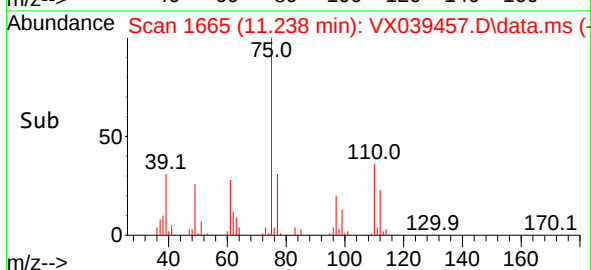
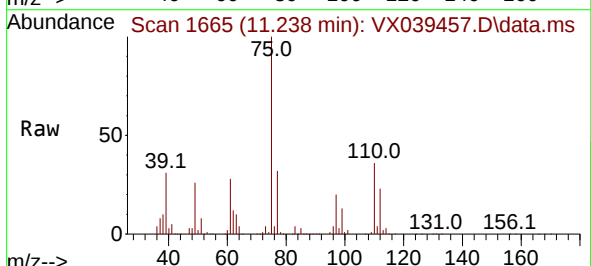
Manual Integrations
APPROVED

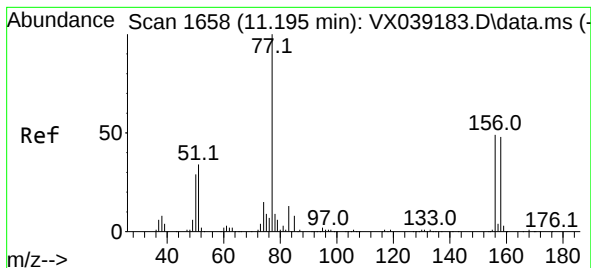
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#76
1,2,3-Trichloropropane
Concen: 52.819 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion: 75 Resp: 112868
Ion Ratio Lower Upper
75 100
77 42.1 19.1 57.5





#77

Bromobenzene

Concen: 50.246 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

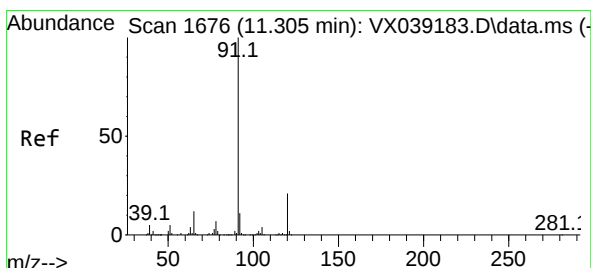
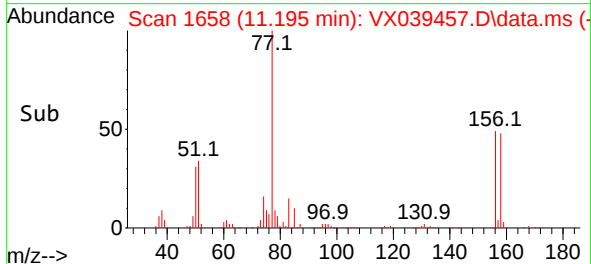
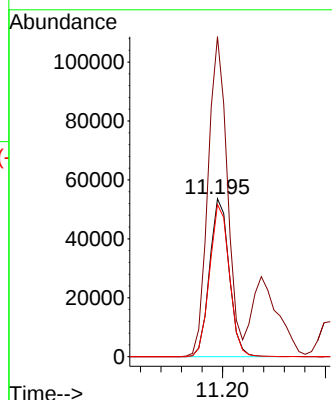
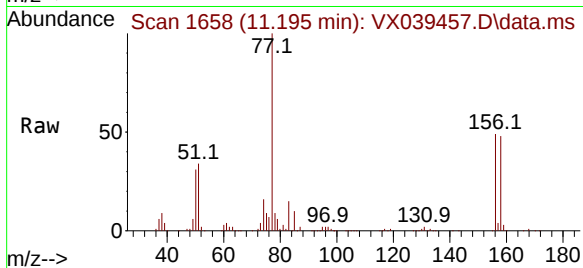
Tgt Ion:	156	Resp:	70800
Ion Ratio	Lower	Upper	
156	100		
77	200.0	88.4	265.3
158	97.1	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#78

n-propylbenzene

Concen: 43.799 ug/l

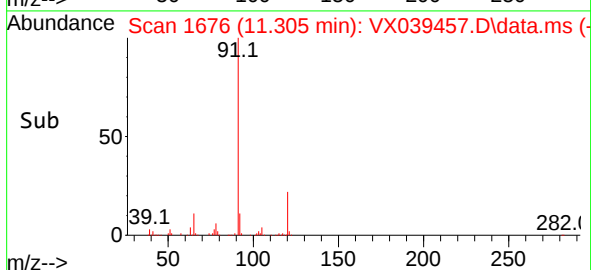
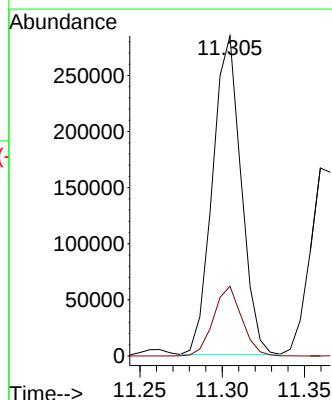
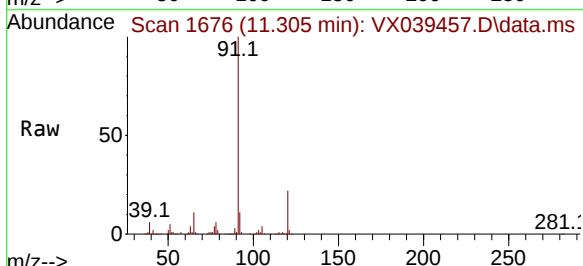
RT: 11.305 min Scan# 1676

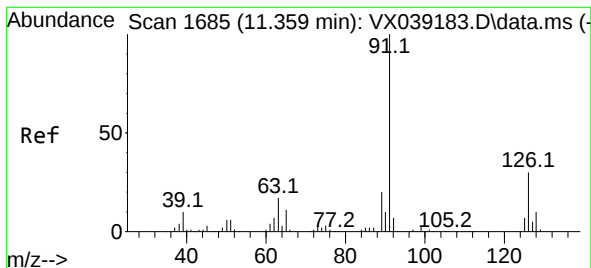
Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion:	91	Resp:	343889
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.5	34.4





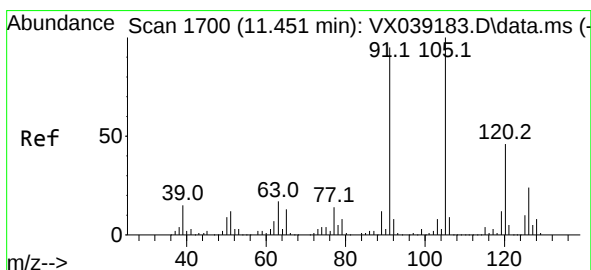
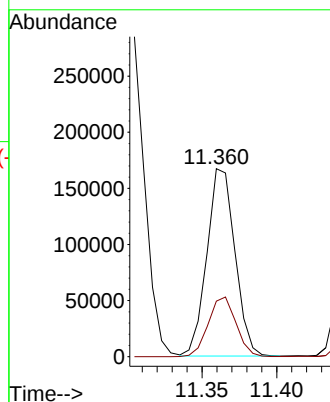
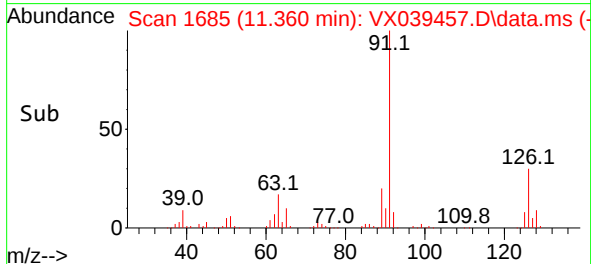
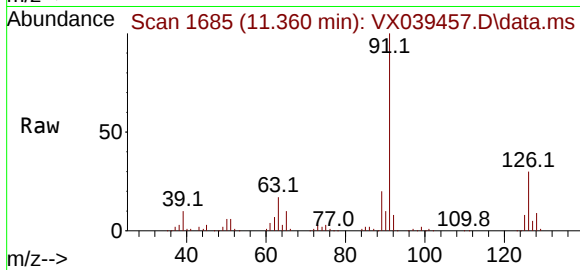
#79
2-Chlorotoluene
Concen: 45.949 ug/l
RT: 11.360 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 21822
Ion Ratio Lower Upper
91 100
126 31.6 16.3 48.8

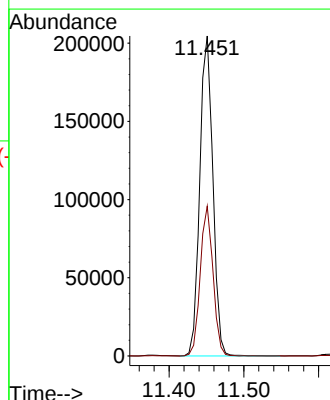
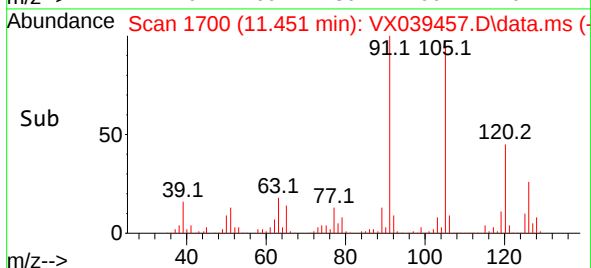
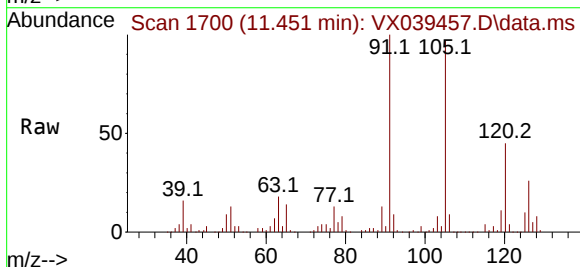
Manual Integrations
APPROVED

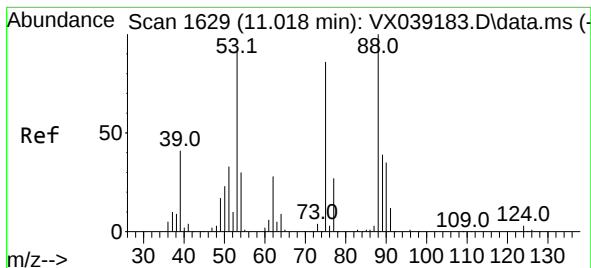
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 45.785 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Tgt Ion:105 Resp: 248556
Ion Ratio Lower Upper
105 100
120 45.6 24.1 72.3





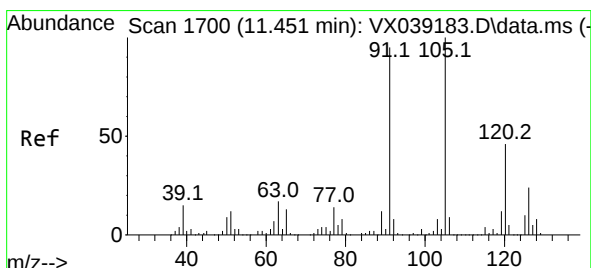
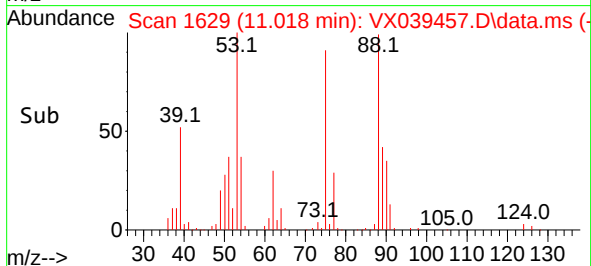
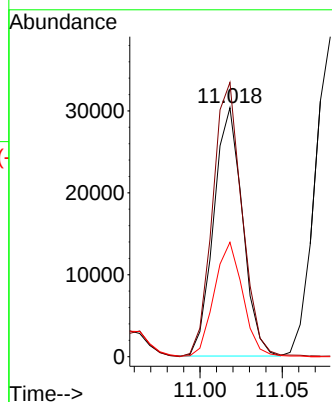
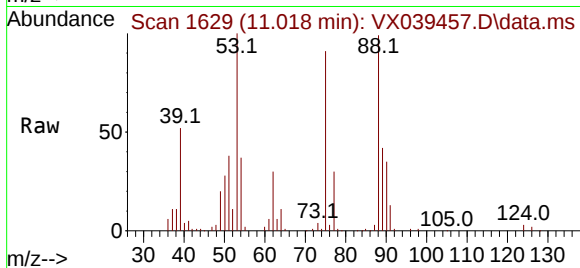
#81
trans-1,4-Dichloro-2-butene
Concen: 48.856 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 37008
Ion Ratio Lower Upper
75 100
53 112.8 90.5 135.7
89 45.7 36.9 55.3

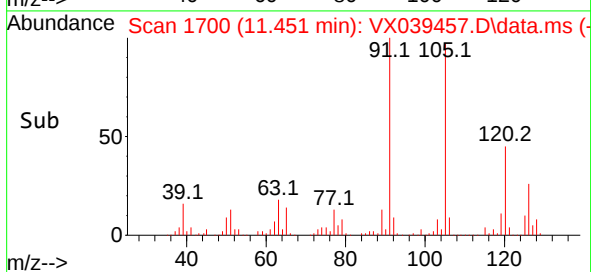
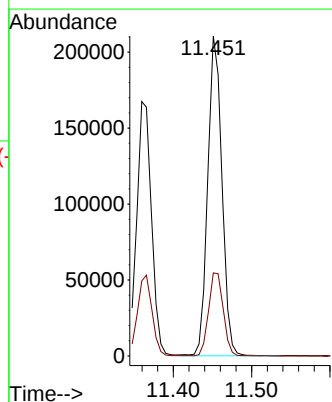
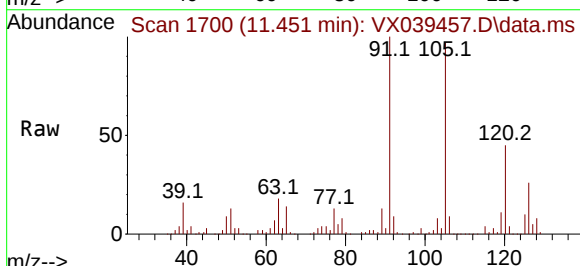
Manual Integrations
APPROVED

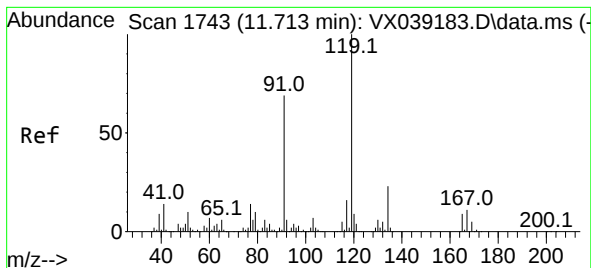
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023



#82
4-Chlorotoluene
Concen: 47.281 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

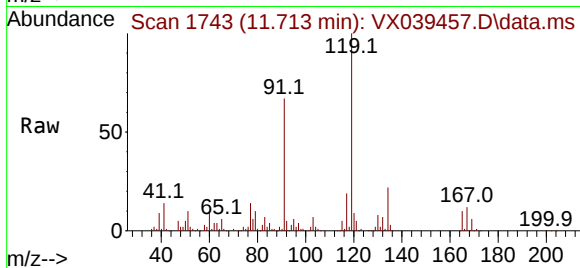
Tgt Ion: 91 Resp: 263742
Ion Ratio Lower Upper
91 100
126 27.0 14.2 42.6





#83
tert-Butylbenzene
Concen: 43.501 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

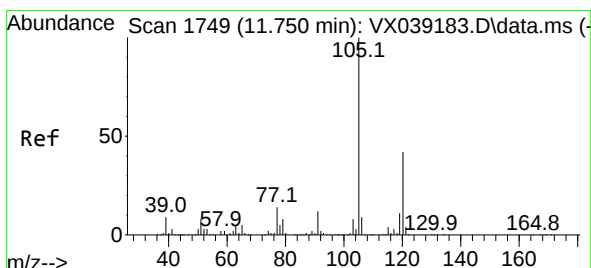
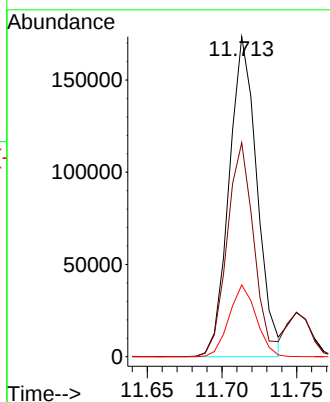
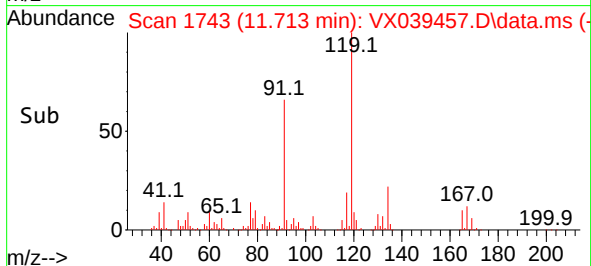
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



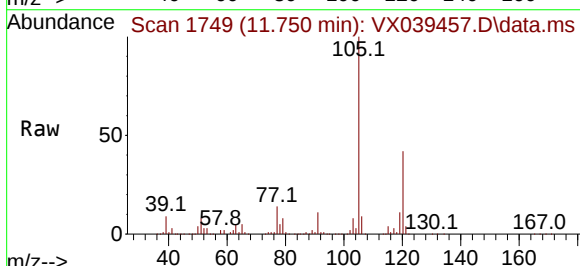
Tgt Ion:119 Resp: 22475
Ion Ratio Lower Upper
119 100
91 64.6 31.2 93.6
134 21.8 11.7 35.0

Manual Integrations
APPROVED

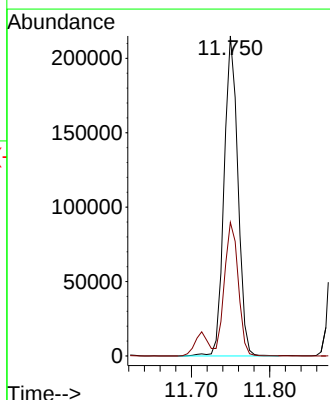
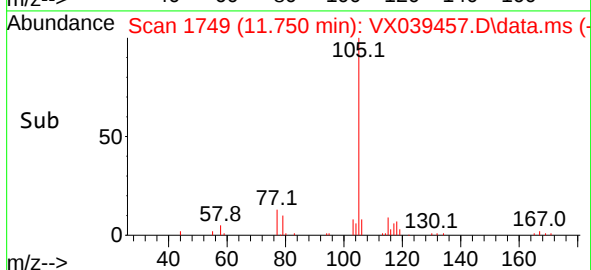
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

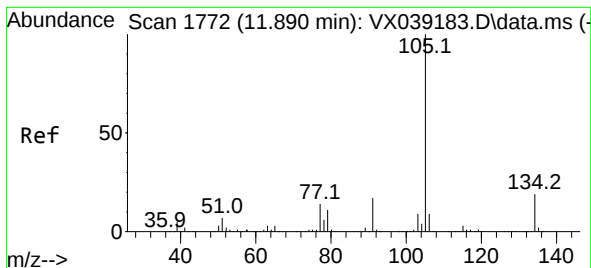


#84
1,2,4-Trimethylbenzene
Concen: 47.421 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47



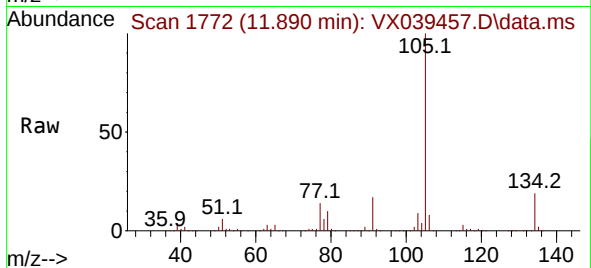
Tgt Ion:105 Resp: 263999
Ion Ratio Lower Upper
105 100
120 41.5 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 40.325 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039457.D
 Acq: 22 Dec 2023 21:47

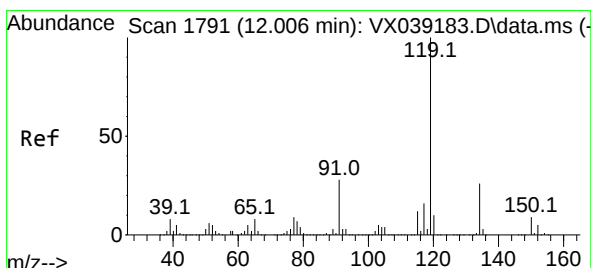
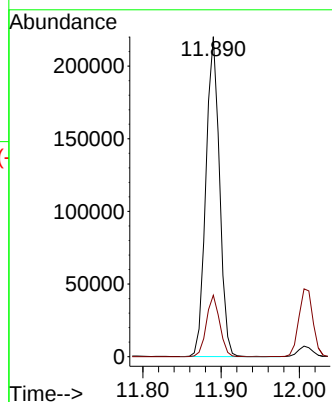
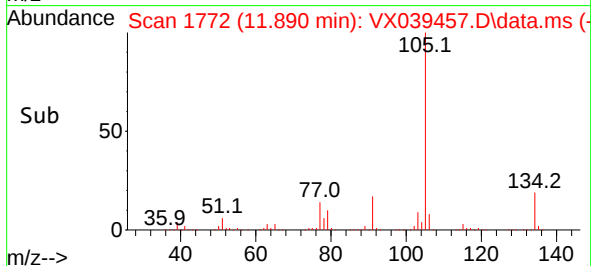
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



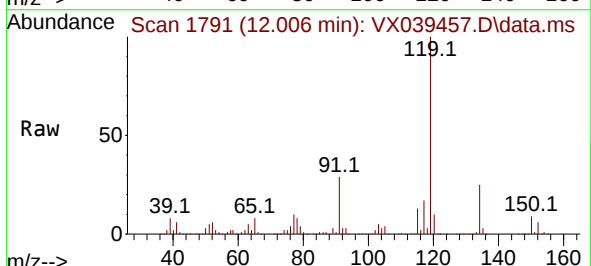
Tgt Ion:105 Resp: 265110
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.4

Manual Integrations
 APPROVED

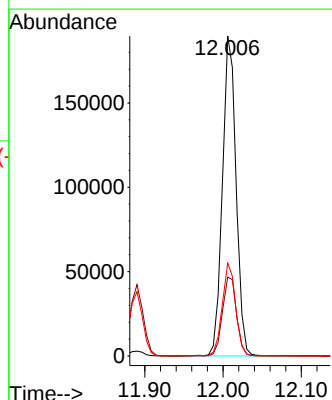
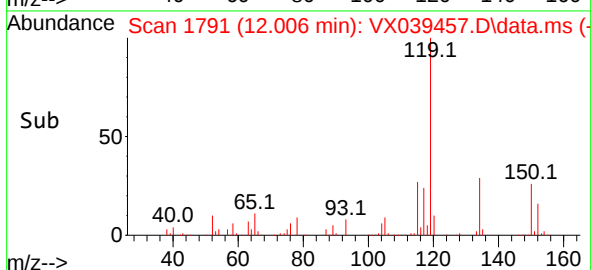
Reviewed By :John Carlone 12/27/2023
 Supervised By :Mahesh Dadoda 12/28/2023

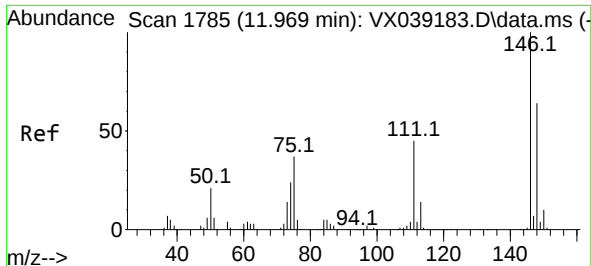


#86
 p-Isopropyltoluene
 Concen: 41.777 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039457.D
 Acq: 22 Dec 2023 21:47



Tgt Ion:119 Resp: 230503
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 28.1 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 48.299 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 133714

Ion Ratio Lower Upper

146 100

111 45.2 22.1 66.1

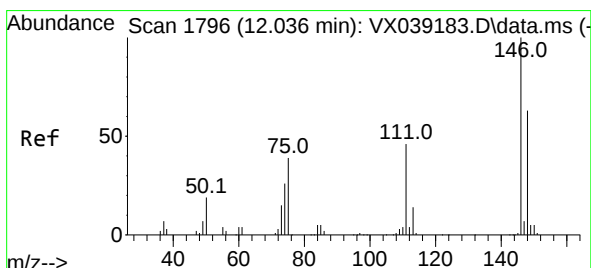
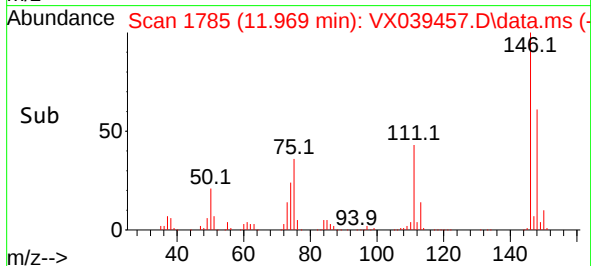
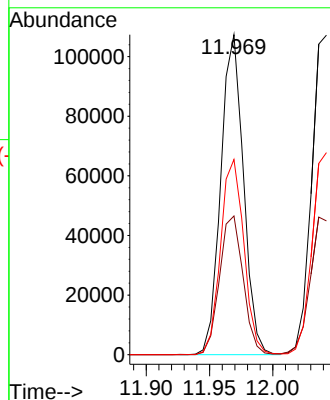
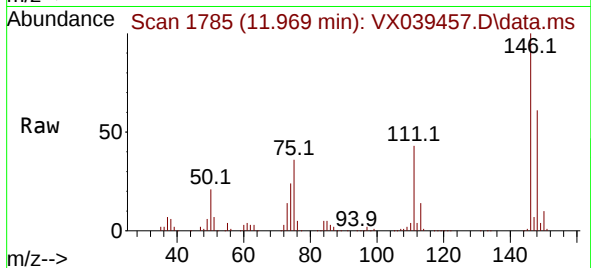
148 62.8 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#88

1,4-Dichlorobenzene

Concen: 47.424 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.006 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

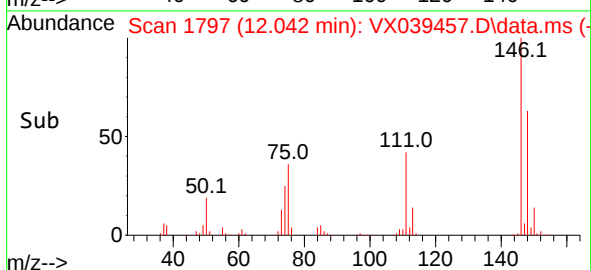
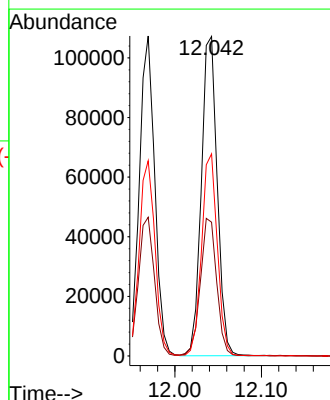
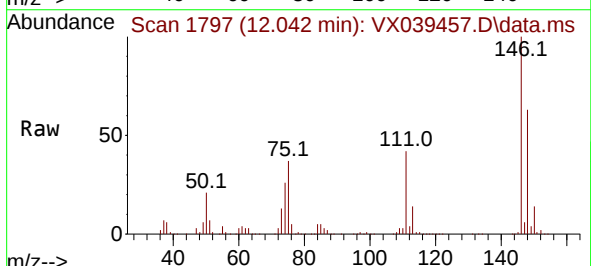
Tgt Ion:146 Resp: 136703

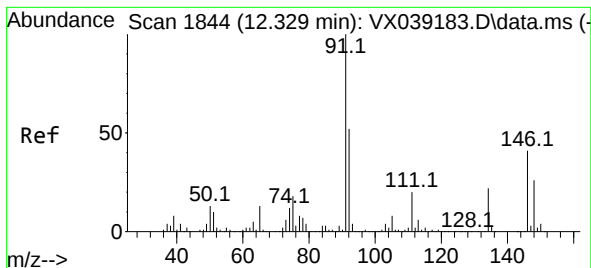
Ion Ratio Lower Upper

146 100

111 44.1 21.3 63.7

148 62.8 31.8 95.4





#89

n-Butylbenzene

Concen: 40.621 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. 0.000 min

Lab File: VX039457.D

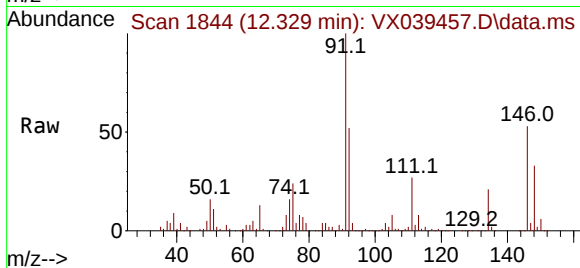
Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 91 Resp: 22032

Ion Ratio Lower Upper

91 100

92 51.6 27.4 82.0

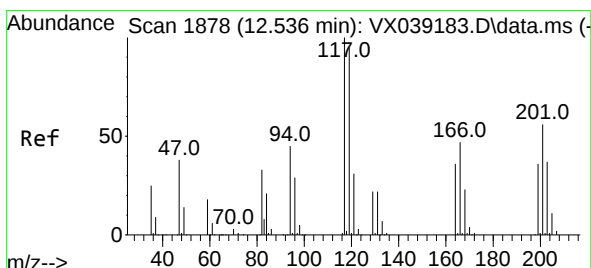
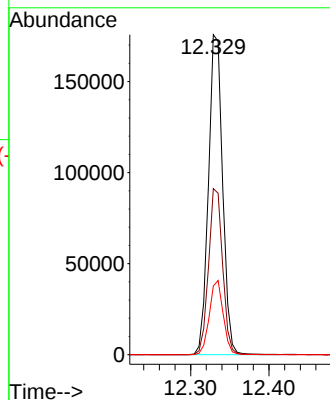
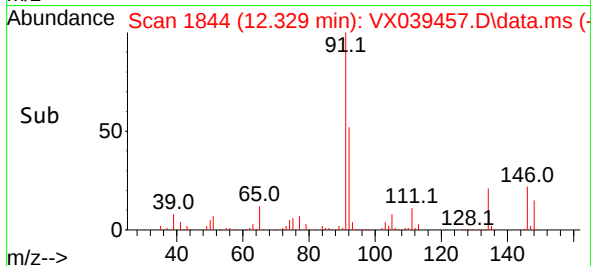
134 22.6 12.6 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#90

Hexachloroethane

Concen: 40.635 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX039457.D

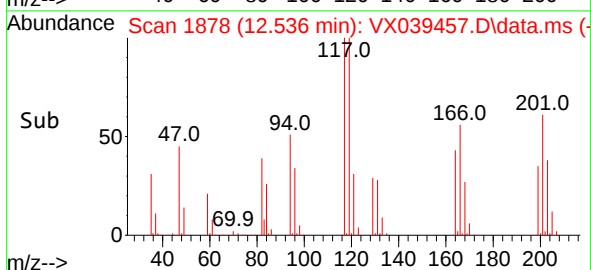
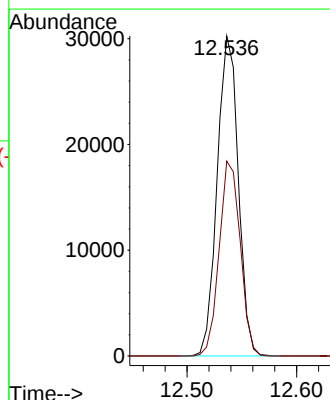
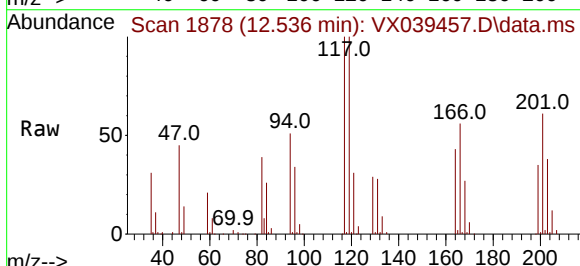
Acq: 22 Dec 2023 21:47

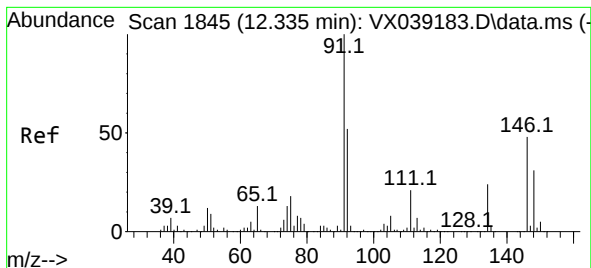
Tgt Ion:117 Resp: 40499

Ion Ratio Lower Upper

117 100

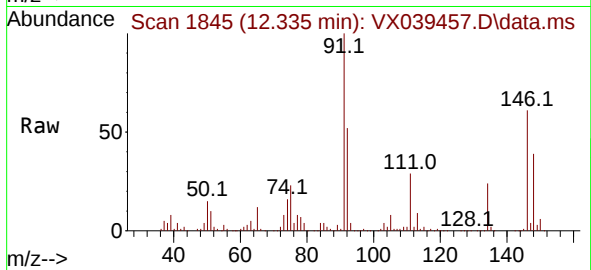
201 60.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 49.739 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47

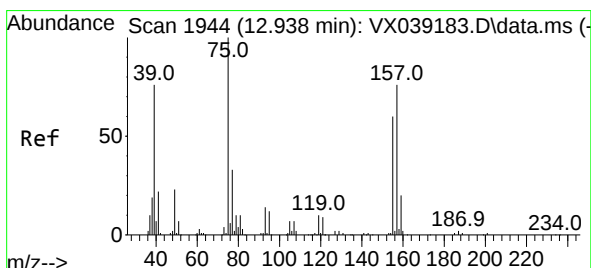
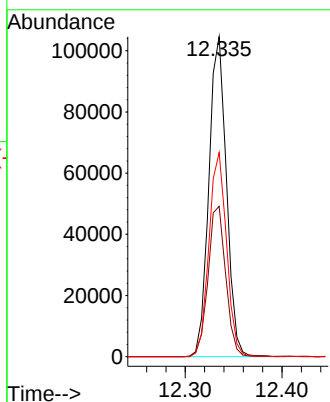
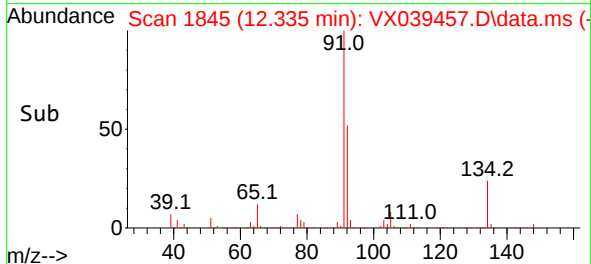
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



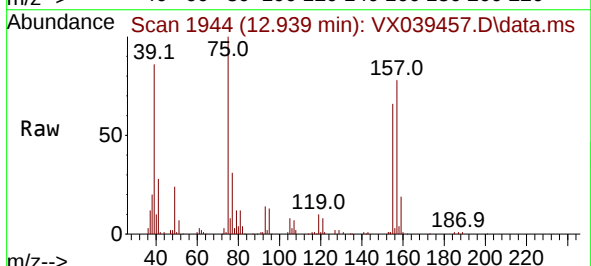
Tgt Ion:146 Resp: 13175
Ion Ratio Lower Upper
146 100
111 47.4 22.4 67.0
148 63.9 31.6 95.0

Manual Integrations
APPROVED

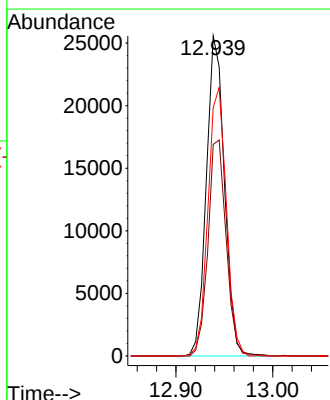
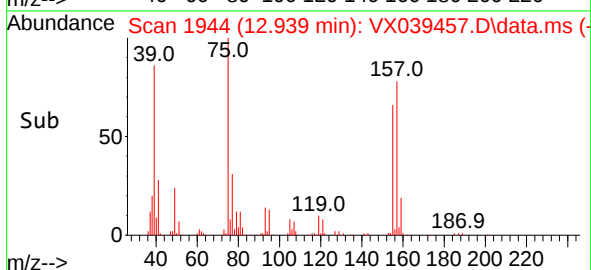
Reviewed By :John Carlone 12/27/2023
Supervised By :Mahesh Dadoda 12/28/2023

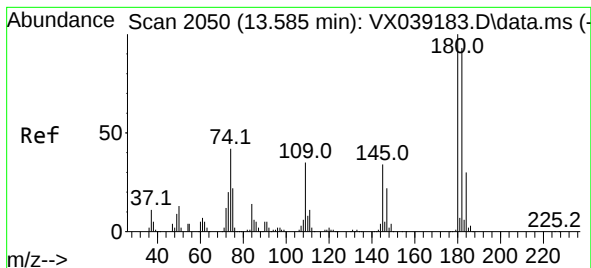


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.398 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039457.D
Acq: 22 Dec 2023 21:47



Tgt Ion: 75 Resp: 33342
Ion Ratio Lower Upper
75 100
155 67.6 36.1 108.5
157 84.8 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 45.353 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

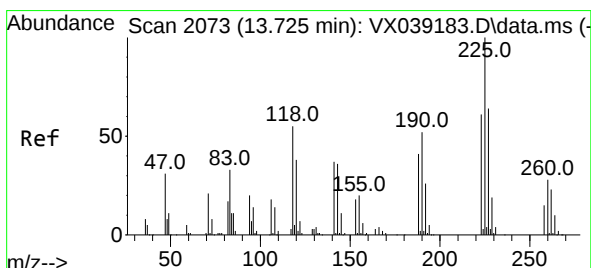
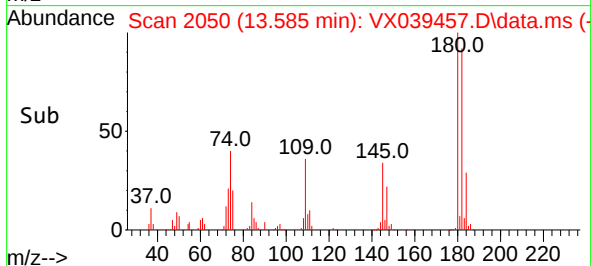
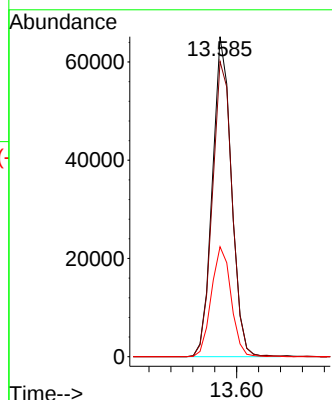
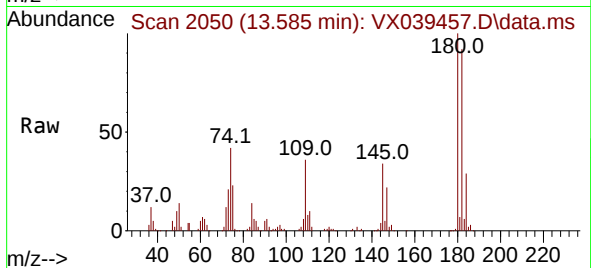
Tgt Ion:	180	Resp:	7866
Ion Ratio	Lower	Upper	
180	100		
182	95.6	48.3	144.8
145	35.6	18.0	54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#94

Hexachlorobutadiene

Concen: 32.296 ug/l

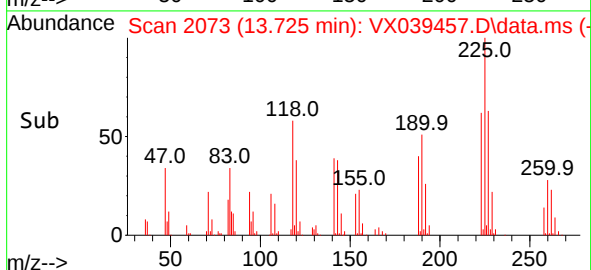
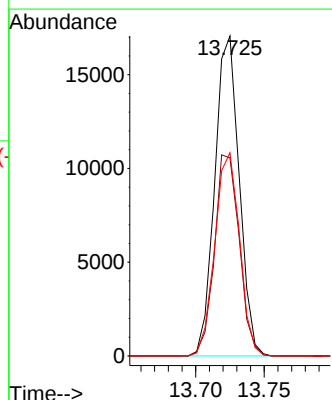
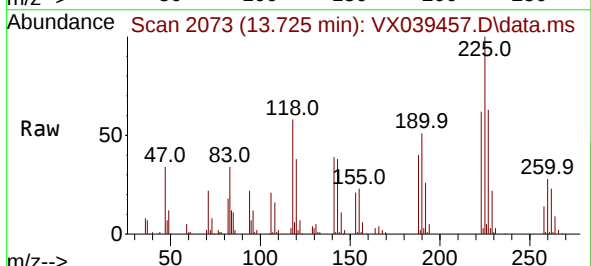
RT: 13.725 min Scan# 2073

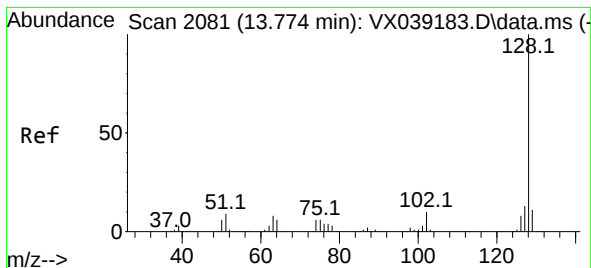
Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion:	225	Resp:	21111
Ion Ratio	Lower	Upper	
225	100		
223	63.8	31.1	93.2
227	64.4	32.5	97.5





#95

Naphthalene

Concen: 53.619 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

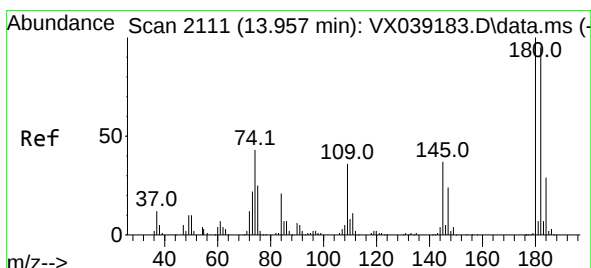
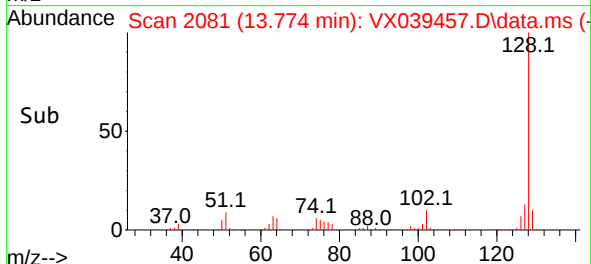
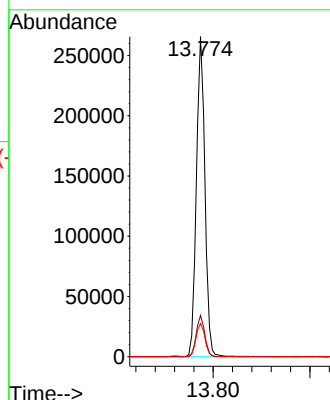
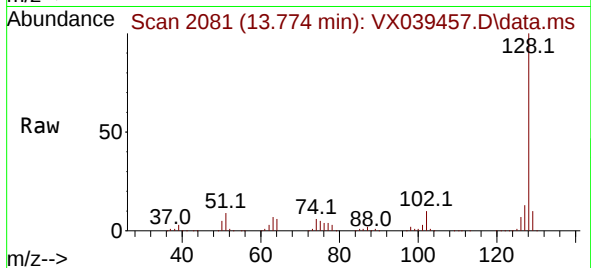
Tgt Ion:128 Resp: 32388
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.3 15.5
 129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/27/2023

Supervised By :Mahesh Dadoda 12/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 46.589 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039457.D

Acq: 22 Dec 2023 21:47

Tgt Ion:180 Resp: 78012
 Ion Ratio Lower Upper
 180 100
 182 95.6 46.9 140.6
 145 38.0 17.8 53.5

