

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121223\
 Data File : VX039154.D
 Acq On : 12 Dec 2023 09:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/13/2023
 Supervised By : Mahesh Dadoda 12/13/2023

Quant Time: Dec 13 04:11:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	238020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	219105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	108691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	121204	57.050	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.100%			
35) Dibromofluoromethane	5.379	113	87430	50.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	315097	47.908	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.820%			
62) 4-Bromofluorobenzene	11.079	95	132054	50.156	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	95281	61.934	ug/l	99
3) Chloromethane	1.295	50	106063	52.821	ug/l	99
4) Vinyl Chloride	1.374	62	99002	51.185	ug/l	99
5) Bromomethane	1.599	94	66493	83.146	ug/l	100
6) Chloroethane	1.685	64	57274	51.887	ug/l	99
7) Trichlorofluoromethane	1.886	101	145839	59.419	ug/l	99
8) Diethyl Ether	2.130	74	50868	47.584	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	90490	55.593	ug/l	97
10) Methyl Iodide	2.453	142	89718	45.286	ug/l	94
11) Tert butyl alcohol	2.947	59	139579	236.216	ug/l #	92
12) 1,1-Dichloroethene	2.319	96	87656	53.341	ug/l	94
13) Acrolein	2.233	56	96495	308.664	ug/l	99
14) Allyl chloride	2.660	41	177718	54.015	ug/l	98
15) Acrylonitrile	3.056	53	307378	246.185	ug/l	99
16) Acetone	2.374	43	347617	307.362	ug/l	94
17) Carbon Disulfide	2.508	76	258219	50.727	ug/l	99
18) Methyl Acetate	2.697	43	269109	50.095	ug/l	99
19) Methyl tert-butyl Ether	3.105	73	317534	54.937	ug/l	98
20) Methylene Chloride	2.788	84	100992	49.536	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	95631	52.741	ug/l	99
22) Diisopropyl ether	3.751	45	329319	54.560	ug/l	97
23) Vinyl Acetate	3.715	43	1248486	287.202	ug/l	100
24) 1,1-Dichloroethane	3.605	63	183475	54.358	ug/l	99
25) 2-Butanone	4.544	43	470029	256.283	ug/l	98
26) 2,2-Dichloropropane	4.471	77	164350	56.134	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	109951	52.021	ug/l	98
28) Bromochloromethane	4.891	49	84098	51.894	ug/l	94
29) Tetrahydrofuran	4.989	42	291515	250.335	ug/l	100
30) Chloroform	5.087	83	182726	55.440	ug/l	98
31) Cyclohexane	5.465	56	167924	55.360	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	160361	56.173	ug/l	98
36) 1,1-Dichloropropene	5.690	75	140063	56.849	ug/l	99
37) Ethyl Acetate	4.702	43	167300	52.120	ug/l	99
38) Carbon Tetrachloride	5.672	117	134937	59.259	ug/l	96
39) Methylcyclohexane	7.379	83	172283	53.608	ug/l	99
40) Benzene	6.032	78	392983	53.929	ug/l	100

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Reviewed By : John Carlone 12/13/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.910	41	90436	54.322	ug/l	95
42) 1,2-Dichloroethane	6.080	62	158808	65.777	ug/l	99
43) Isopropyl Acetate	6.330	43	278555	54.300	ug/l	100
44) Trichloroethene	7.123	130	98083	55.297	ug/l	95
45) 1,2-Dichloropropane	7.428	63	108840	55.502	ug/l	97
46) Dibromomethane	7.574	93	74234	56.764	ug/l	96
47) Bromodichloromethane	7.818	83	147293	56.748	ug/l	97
48) Methyl methacrylate	7.690	41	165596	66.531	ug/l	95
49) 1,4-Dioxane	7.653	88	43131	895.712	ug/l #	98
51) 4-Methyl-2-Pentanone	8.568	43	869107	265.108	ug/l	99
52) Toluene	8.714	92	242097	53.537	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	166210	53.885	ug/l	98
54) cis-1,3-Dichloropropene	8.360	75	175172	54.979	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	100085	53.044	ug/l	91
56) Ethyl methacrylate	9.116	69	128780	40.339	ug/l	98
57) 1,3-Dichloropropane	9.305	76	172459	55.266	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	338147	227.374	ug/l	94
59) 2-Hexanone	9.427	43	702093	267.193	ug/l	99
60) Dibromochloromethane	9.519	129	104466	54.451	ug/l	100
61) 1,2-Dibromoethane	9.604	107	106016	53.545	ug/l	99
64) Tetrachloroethene	9.269	164	74420	54.644	ug/l	93
65) Chlorobenzene	10.080	112	255095	54.048	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	93268	54.935	ug/l	99
67) Ethyl Benzene	10.189	91	482391	55.630	ug/l	97
68) m/p-Xylenes	10.299	106	342716	104.480	ug/l	93
69) o-Xylene	10.640	106	168330	51.862	ug/l	95
70) Styrene	10.653	104	248677	45.366	ug/l	96
71) Bromoform	10.799	173	72211	51.020	ug/l #	99
73) Isopropylbenzene	10.957	105	454216	53.636	ug/l	99
74) N-amyl acetate	10.842	43	233632	52.189	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	165330	50.012	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	149505m	55.131	ug/l	
77) Bromobenzene	11.195	156	99542	52.312	ug/l	89
78) n-propylbenzene	11.305	91	564610	54.165	ug/l	97
79) 2-Chlorotoluene	11.360	91	331018	53.509	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	394717	55.434	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	55421	45.331	ug/l	91
82) 4-Chlorotoluene	11.451	91	392160	54.978	ug/l	97
83) tert-Butylbenzene	11.713	119	372150	53.068	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	398864	55.343	ug/l	99
85) sec-Butylbenzene	11.890	105	470117	51.250	ug/l	98
86) p-Isopropyltoluene	12.006	119	400313	54.364	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	193806	52.011	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	194187	50.917	ug/l	98
89) n-Butylbenzene	12.329	91	406256	54.682	ug/l	96
90) Hexachloroethane	12.536	117	74810	50.874	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	183208	51.838	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	44848	55.372	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	124955	52.760	ug/l	99
94) Hexachlorobutadiene	13.725	225	48415	57.726	ug/l	98
95) Naphthalene	13.774	128	441670	50.072	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	120623	53.727	ug/l	99

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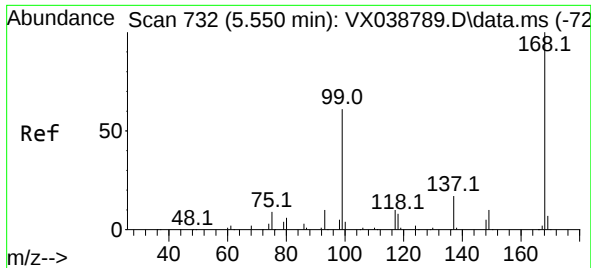
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 12/13/2023

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Quant Title : SW846 8260
QLast Update : Thu Nov 16 22:59:22 2023
Response via : Initial Calibration

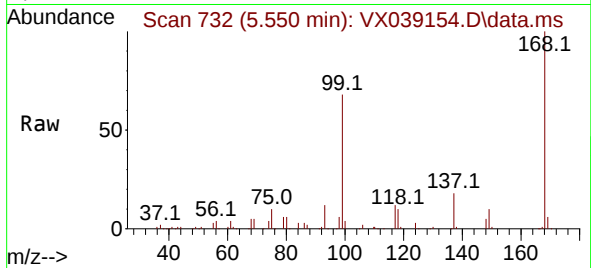
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

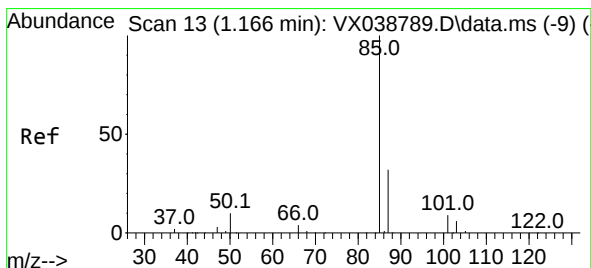
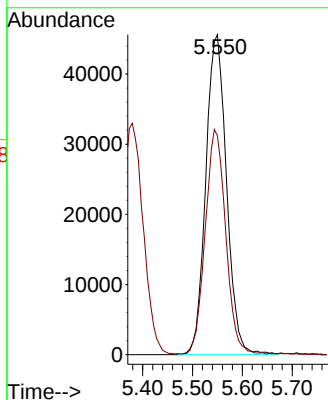
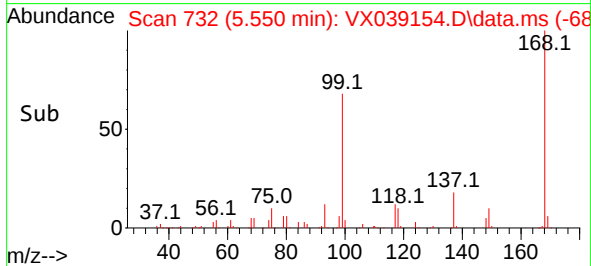
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 131848
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0

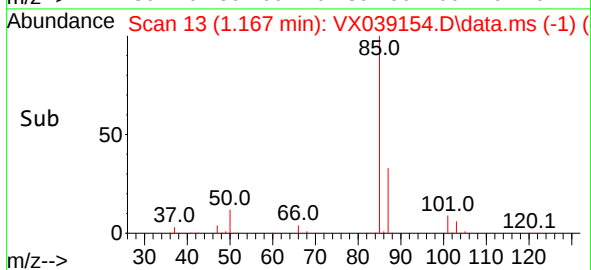
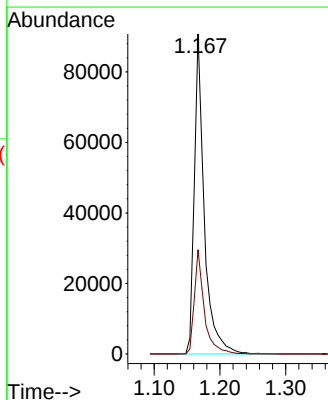
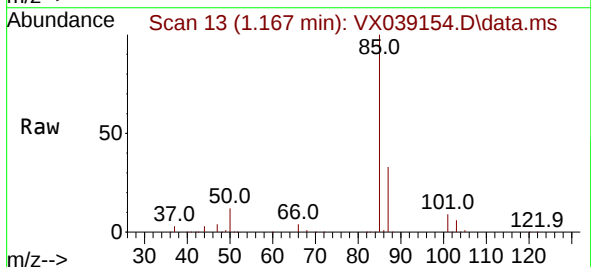
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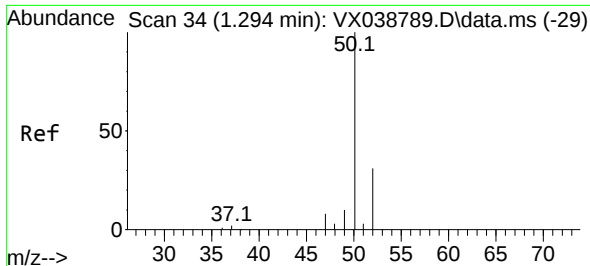
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#2
Dichlorodifluoromethane
Concen: 61.934 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.001 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 85 Resp: 95281
Ion Ratio Lower Upper
85 100
87 32.6 16.7 50.1





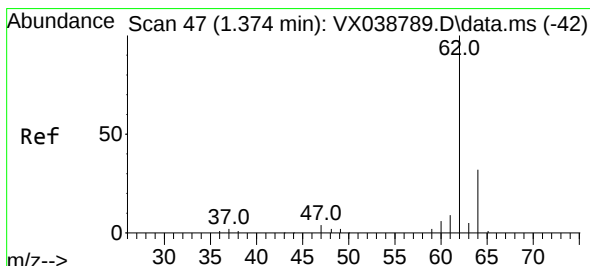
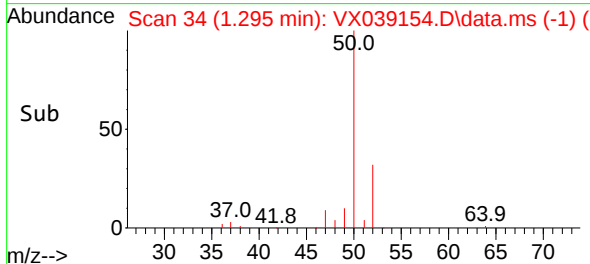
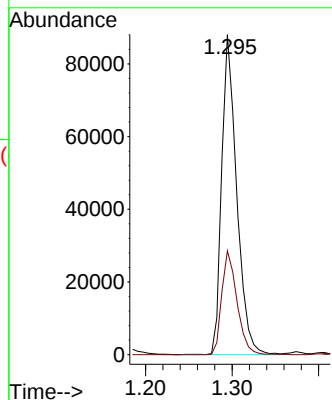
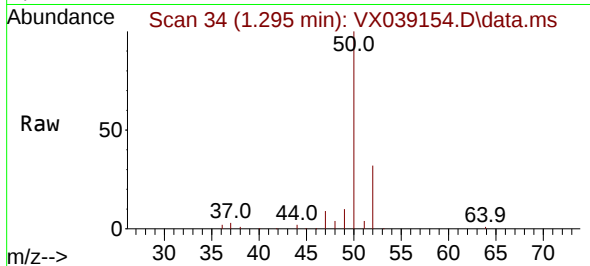
#3
Chloromethane
Concen: 52.821 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 10606
Ion Ratio Lower Upper
50 100
52 32.4 25.5 38.3

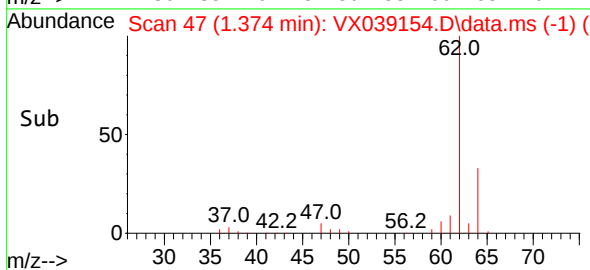
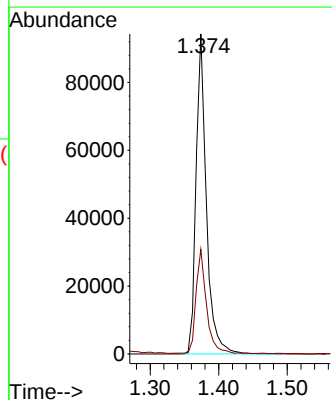
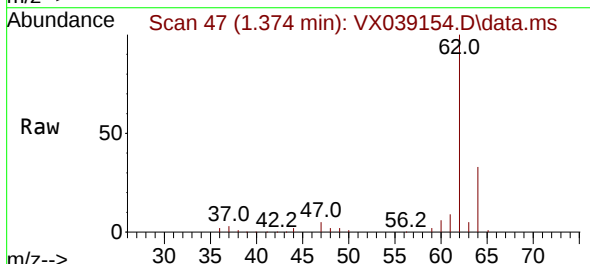
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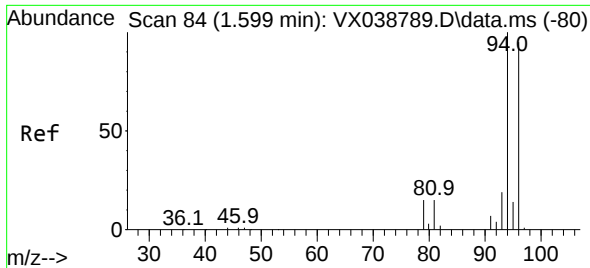
Reviewed By :John Carlone 12/13/2023
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#4
Vinyl Chloride
Concen: 51.185 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

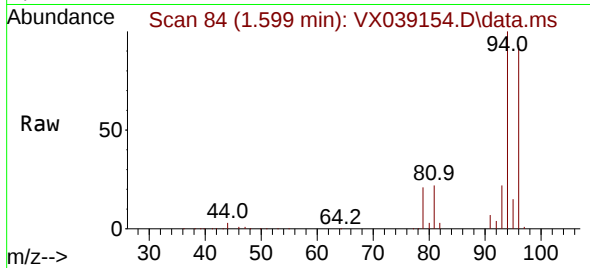
Tgt Ion: 62 Resp: 99002
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 83.146 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

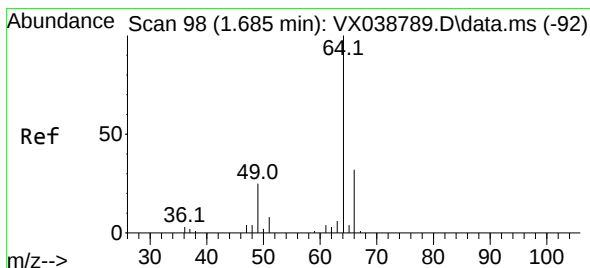
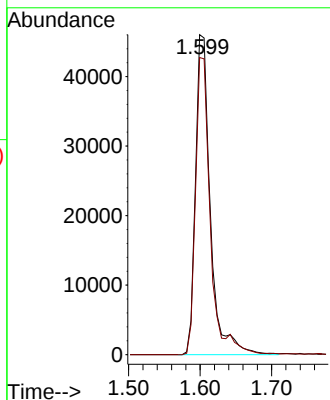
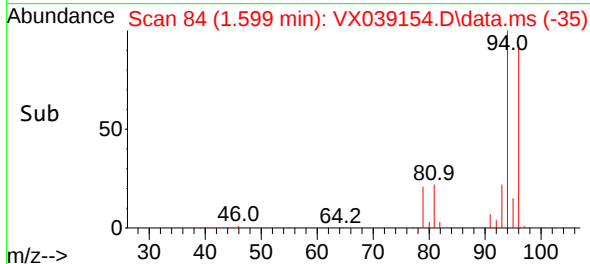
Instrument :
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Tgt Ion: 94 Resp: 66493
Ion Ratio Lower Upper
94 100
96 92.9 74.6 111.8

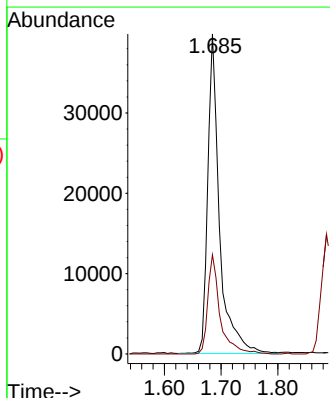
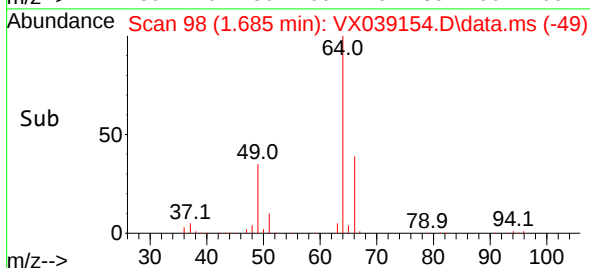
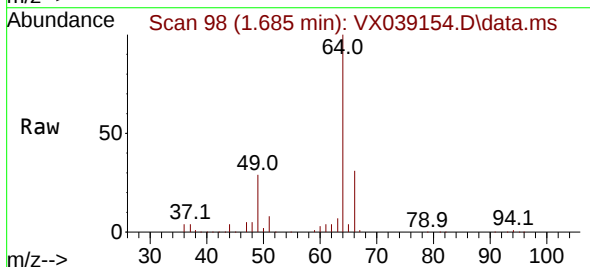
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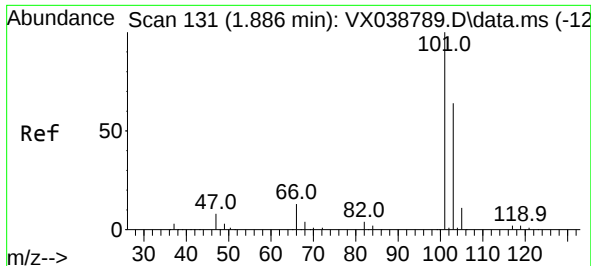
Reviewed By :John Carlone 12/13/2023
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#6
Chloroethane
Concen: 51.887 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 64 Resp: 57274
Ion Ratio Lower Upper
64 100
66 31.1 25.1 37.7





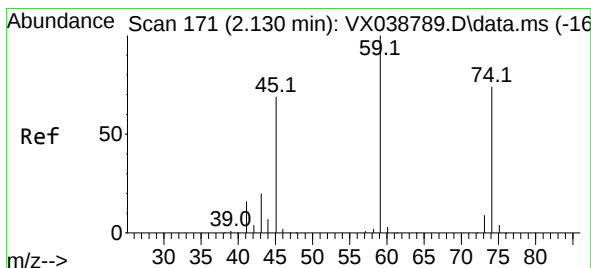
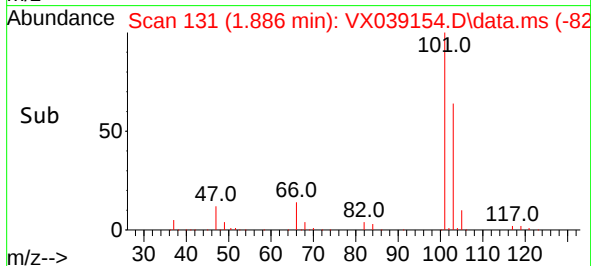
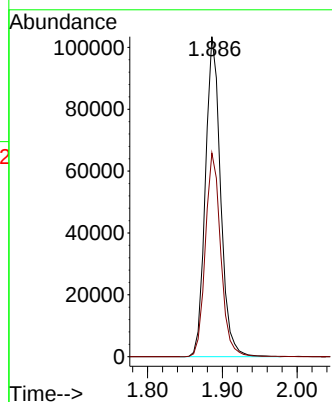
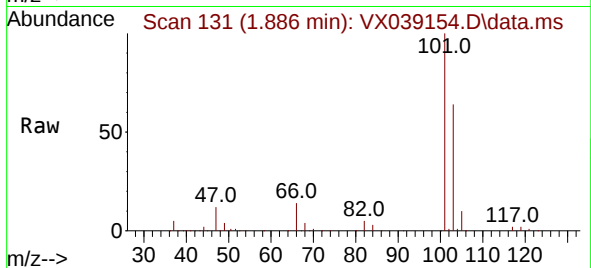
#7
Trichlorofluoromethane
Concen: 59.419 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 145839
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

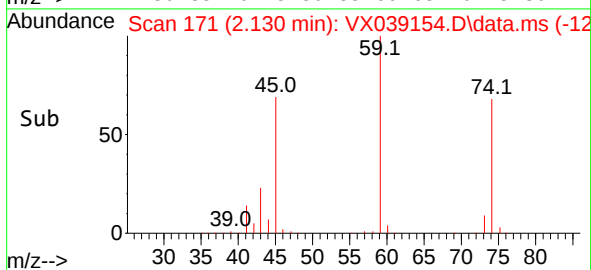
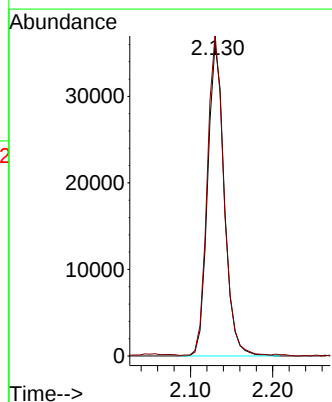
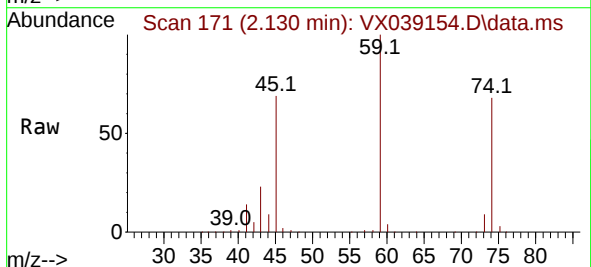
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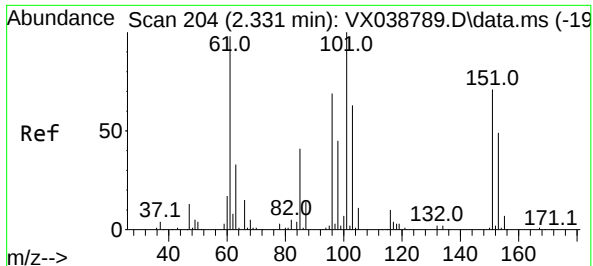
Reviewed By :John Carlone 12/13/2023
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#8
Diethyl Ether
Concen: 47.584 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 74 Resp: 50868
Ion Ratio Lower Upper
74 100
45 102.6 53.3 159.8





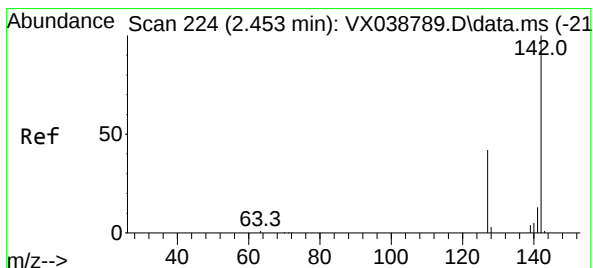
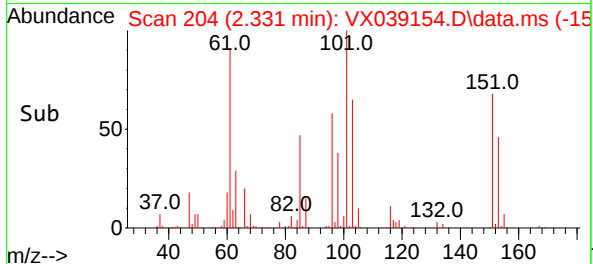
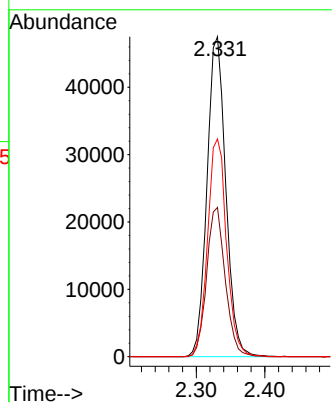
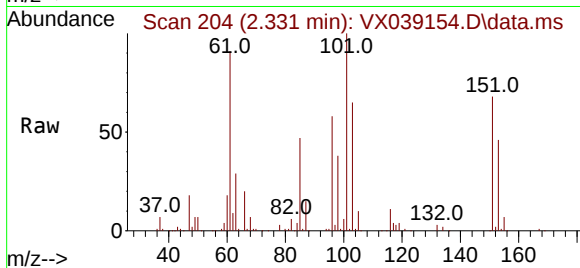
#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.593 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 90490
Ion Ratio Lower Upper
101 100
85 46.4 37.0 55.6
151 68.7 58.6 87.8

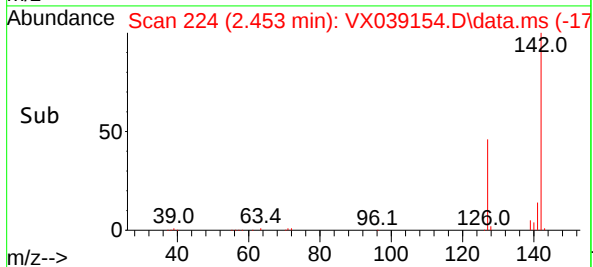
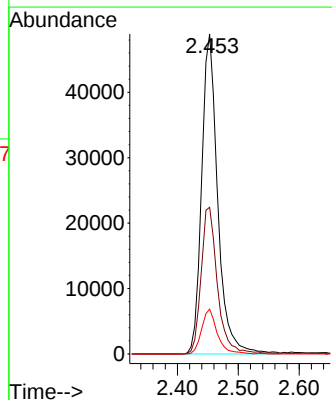
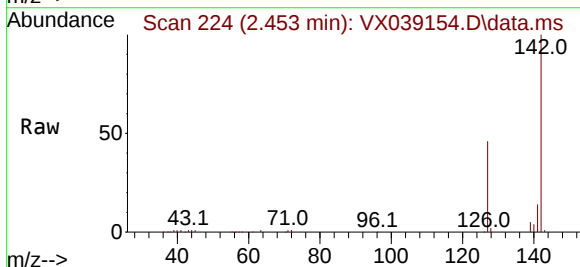
Manual Integrations
APPROVED

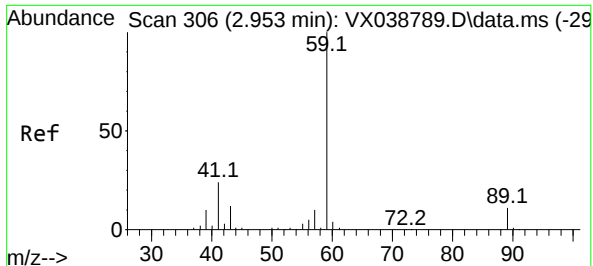
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#10
Methyl Iodide
Concen: 45.286 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:142 Resp: 89718
Ion Ratio Lower Upper
142 100
127 46.7 41.6 62.4
141 13.6 11.6 17.4





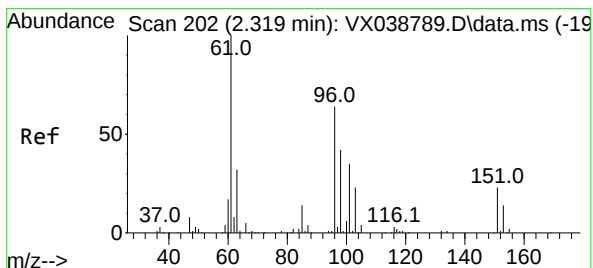
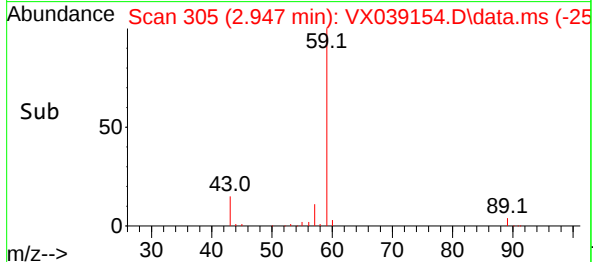
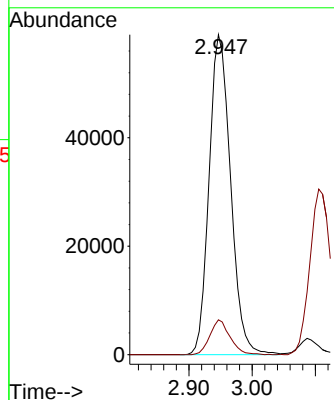
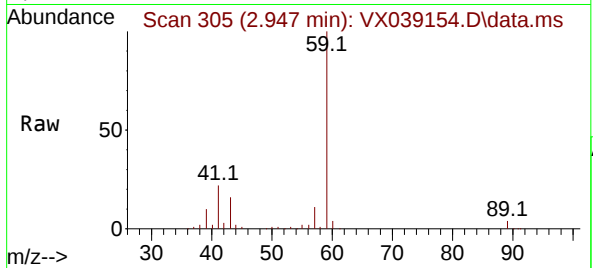
#11
Tert butyl alcohol
Concen: 236.216 ug/l
RT: 2.947 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 139579
Ion Ratio Lower Upper
59 100
57 10.2 6.0 9.0

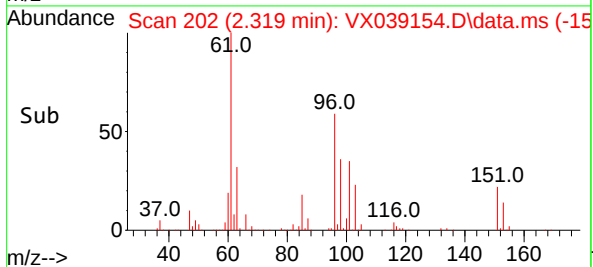
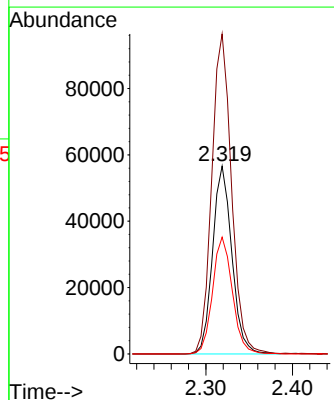
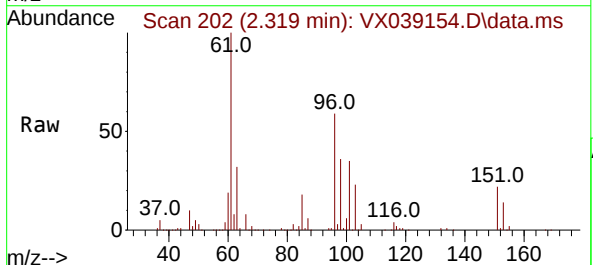
Manual Integrations
APPROVED

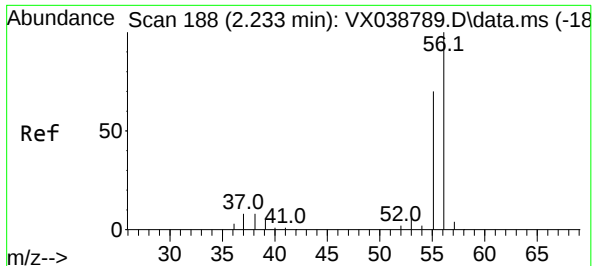
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#12
1,1-Dichloroethene
Concen: 53.341 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

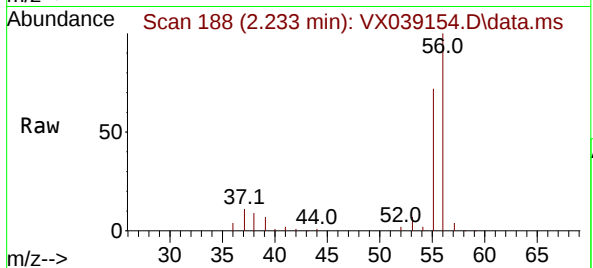
Tgt Ion: 96 Resp: 87656
Ion Ratio Lower Upper
96 100
61 170.4 144.6 216.8
98 62.1 50.4 75.6





#13
Acrolein
Concen: 308.664 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

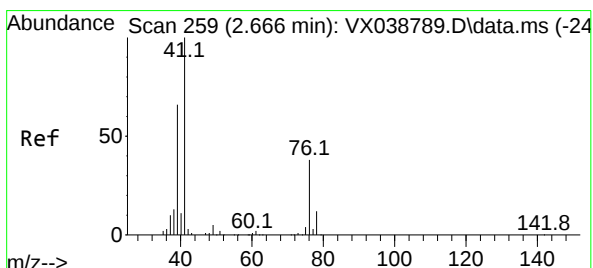
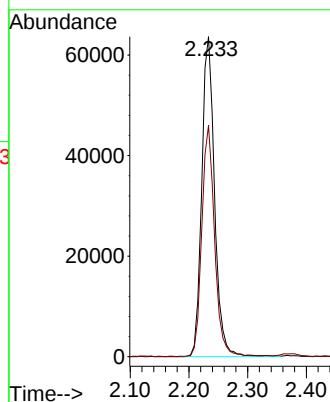
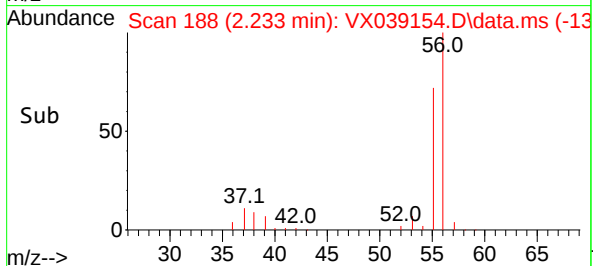
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 96495
Ion Ratio Lower Upper
56 100
55 72.5 57.1 85.7

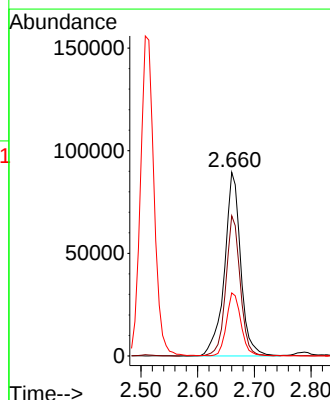
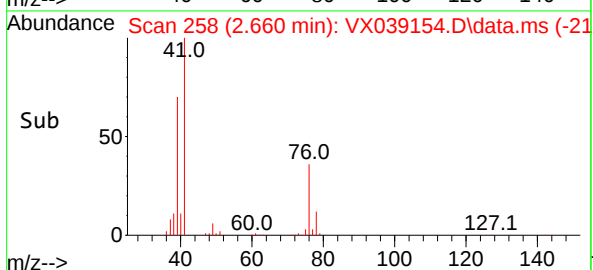
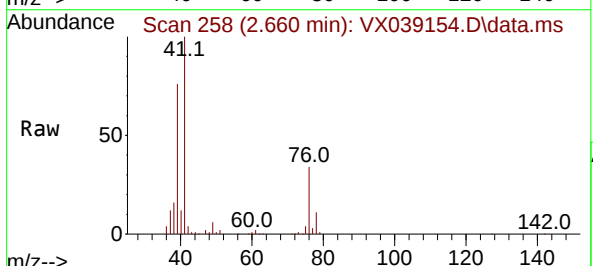
Manual Integrations
APPROVED

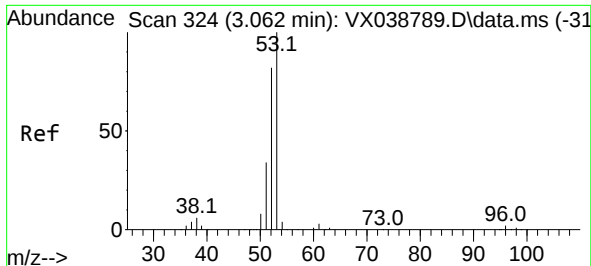
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#14
Allyl chloride
Concen: 54.015 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

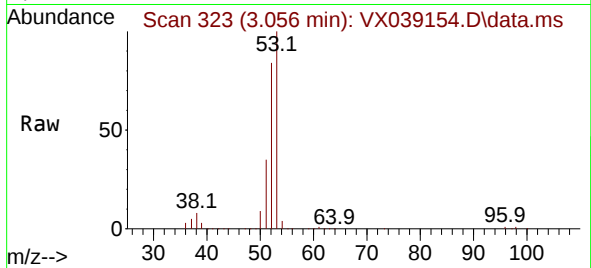
Tgt Ion: 41 Resp: 177718
Ion Ratio Lower Upper
41 100
39 67.7 55.8 83.6
76 30.4 24.3 36.5





#15
Acrylonitrile
Concen: 246.185 ug/l
RT: 3.056 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

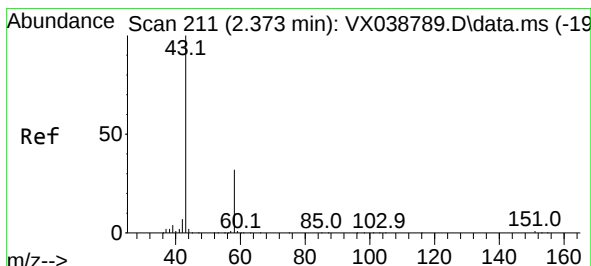
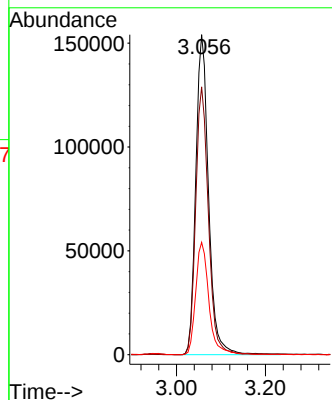
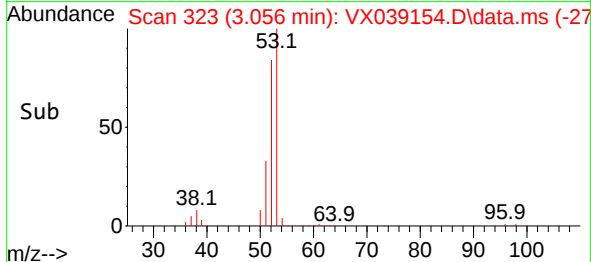
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 307378
Ion Ratio Lower Upper
53 100
52 83.1 66.0 99.0
51 36.4 29.8 44.6

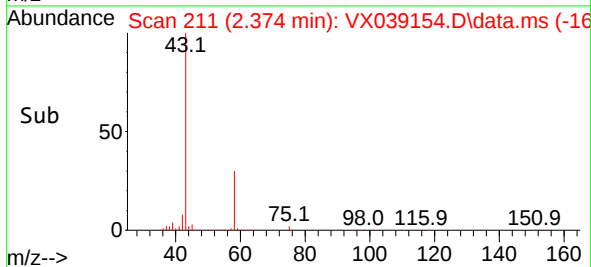
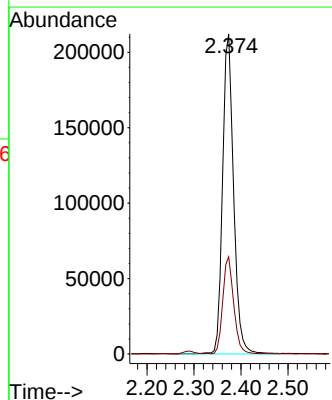
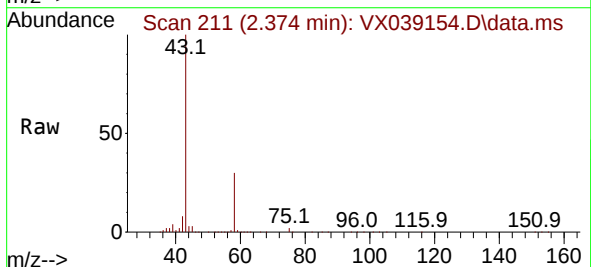
Manual Integrations
APPROVED

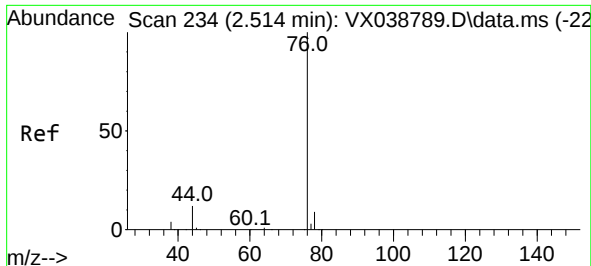
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#16
Acetone
Concen: 307.362 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 43 Resp: 347617
Ion Ratio Lower Upper
43 100
58 30.3 21.9 32.9





#17

Carbon Disulfide

Concen: 50.727 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 258219

Ion Ratio Lower Upper

76 100

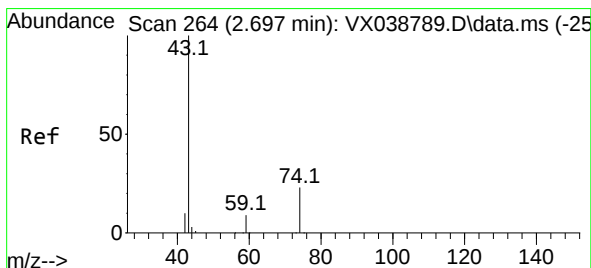
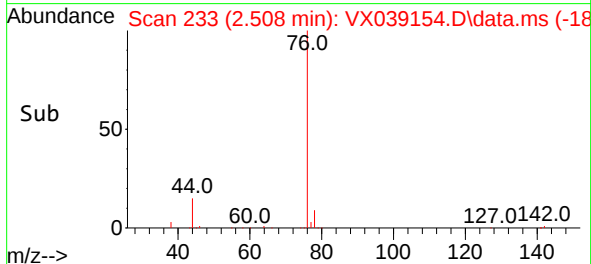
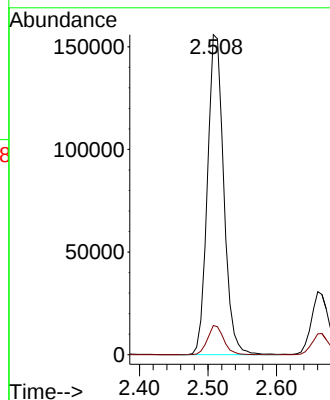
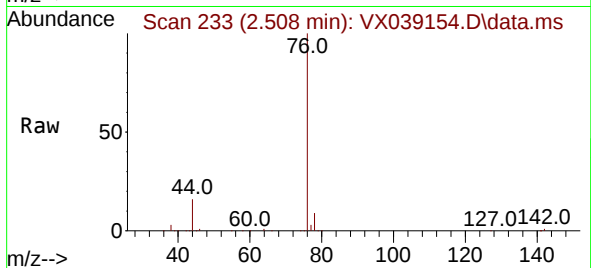
78 9.1 7.0 10.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#18

Methyl Acetate

Concen: 50.095 ug/l

RT: 2.697 min Scan# 264

Delta R.T. 0.000 min

Lab File: VX039154.D

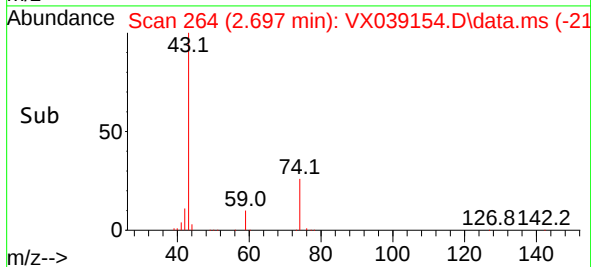
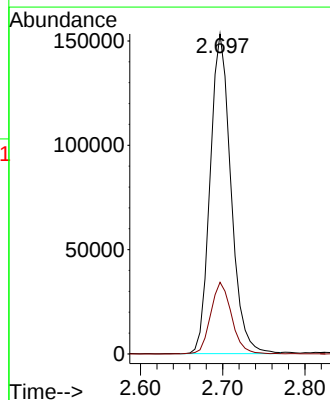
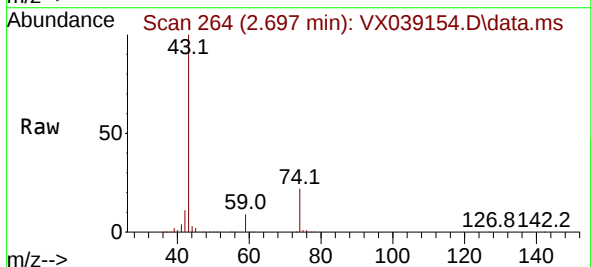
Acq: 12 Dec 2023 09:17

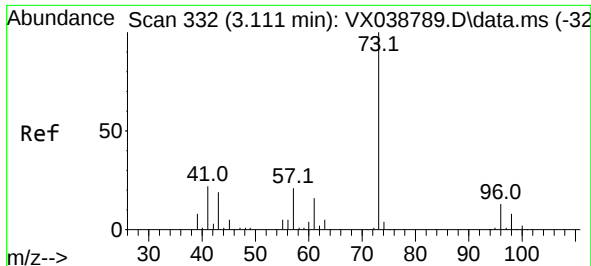
Tgt Ion: 43 Resp: 269109

Ion Ratio Lower Upper

43 100

74 22.7 17.8 26.8





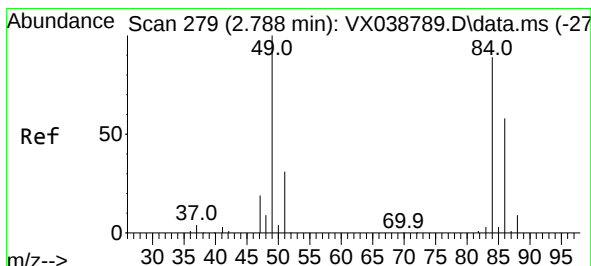
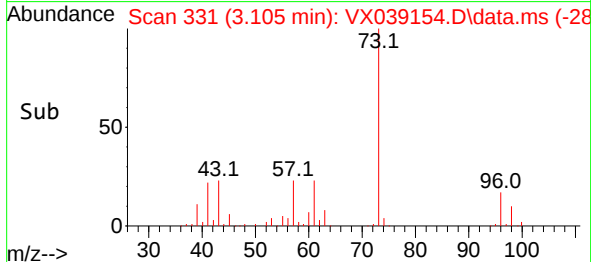
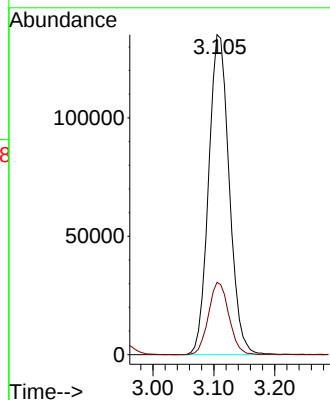
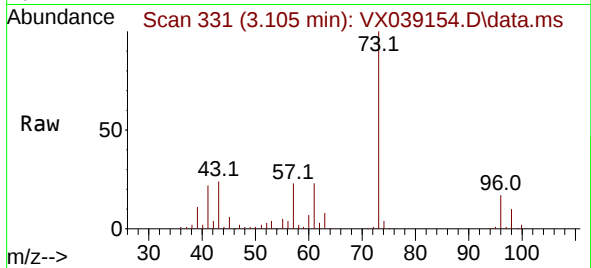
#19
Methyl tert-butyl Ether
Concen: 54.937 ug/l
RT: 3.105 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 317534
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9

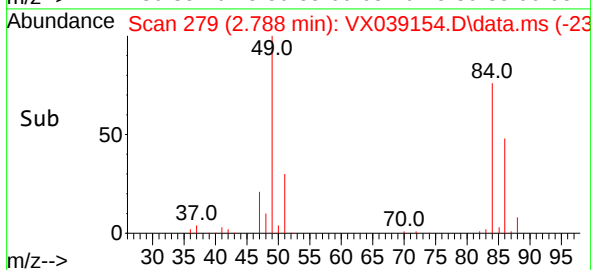
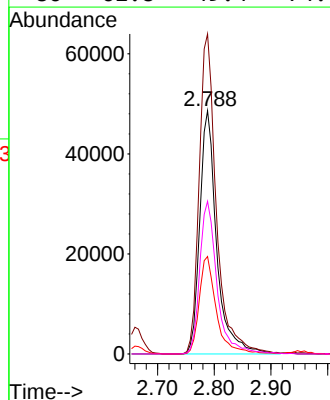
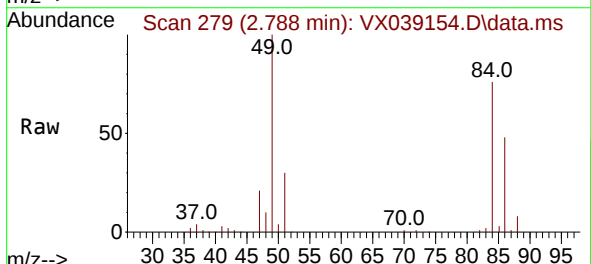
Manual Integrations
APPROVED

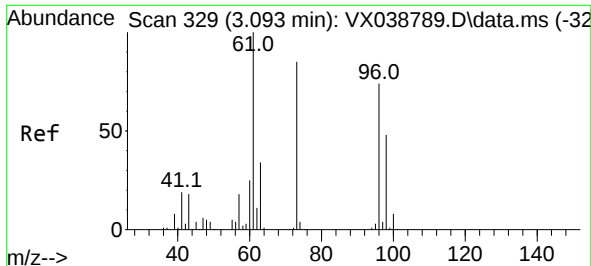
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#20
Methylene Chloride
Concen: 49.536 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

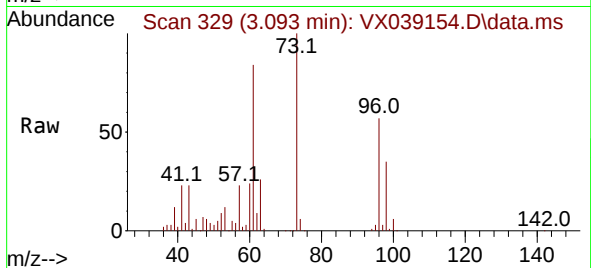
Tgt Ion: 84 Resp: 100992
Ion Ratio Lower Upper
84 100
49 131.6 103.6 155.4
51 40.1 33.8 50.6
86 62.8 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 52.741 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

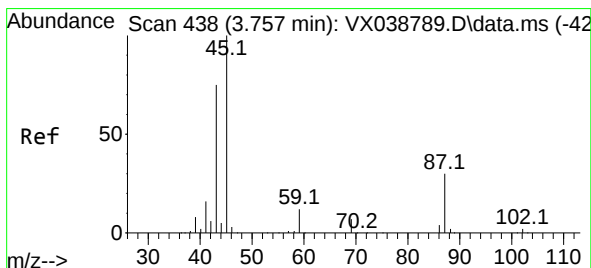
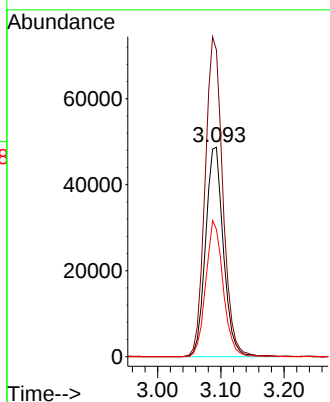
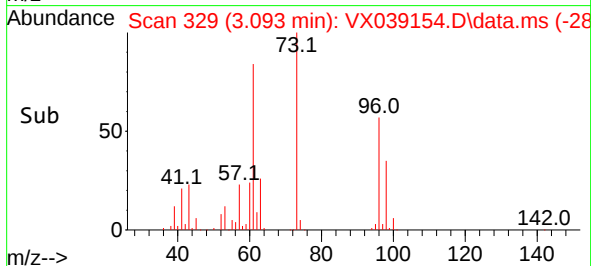
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



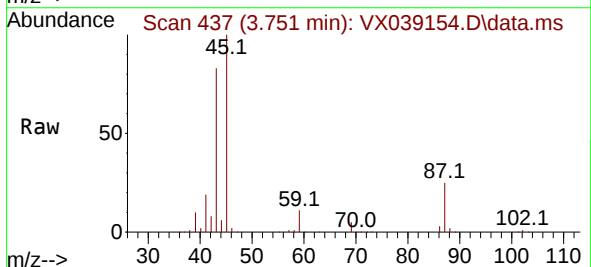
Tgt Ion: 96 Resp: 9563
Ion Ratio Lower Upper
96 100
61 146.4 119.2 178.8
98 60.8 48.7 73.1

Manual Integrations
APPROVED

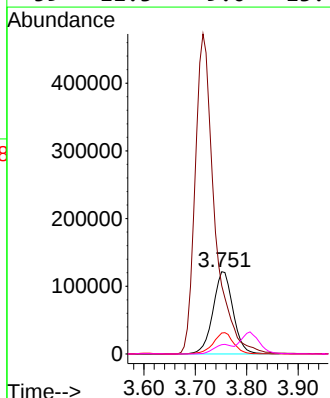
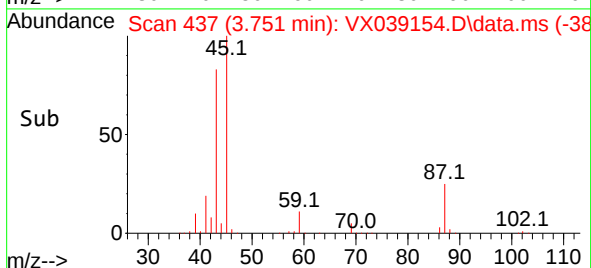
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

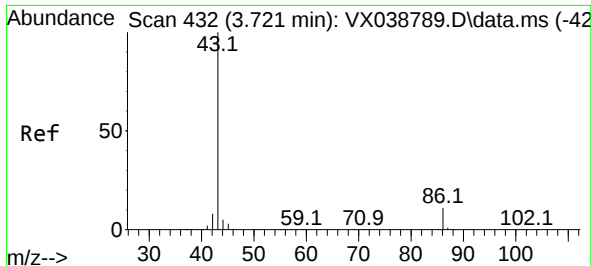


#22
Diisopropyl ether
Concen: 54.560 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



Tgt Ion: 45 Resp: 329319
Ion Ratio Lower Upper
45 100
43 82.8 69.7 104.5
87 25.5 20.8 31.2
59 11.3 9.0 13.4





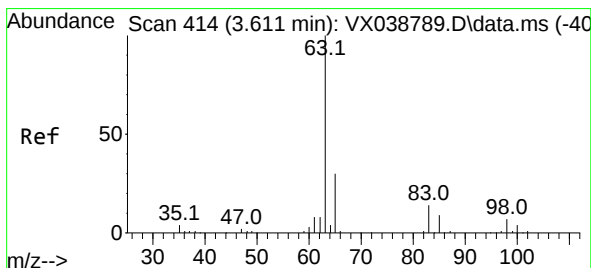
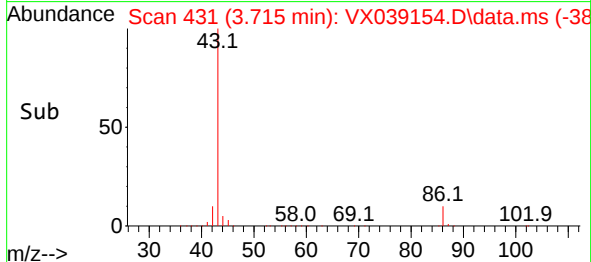
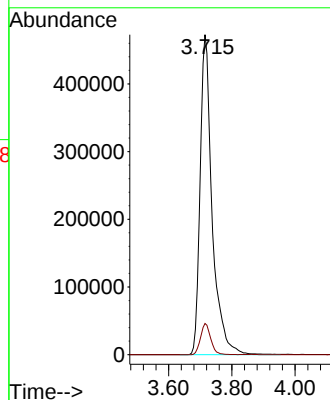
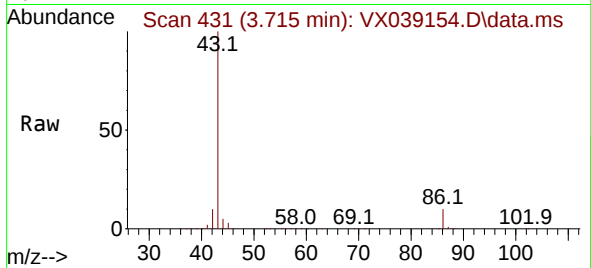
#23
 Vinyl Acetate
 Concen: 287.202 ug/l
 RT: 3.715 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 124848
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.8 11.8

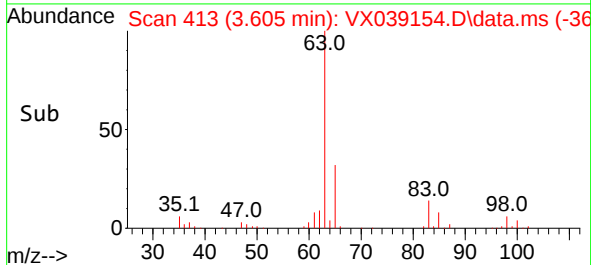
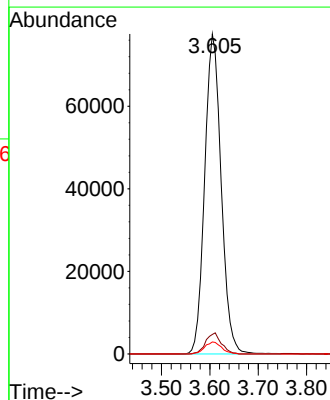
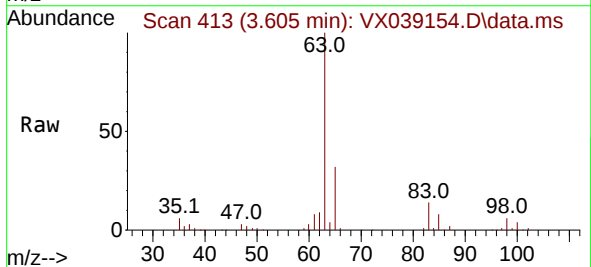
Manual Integrations
 APPROVED

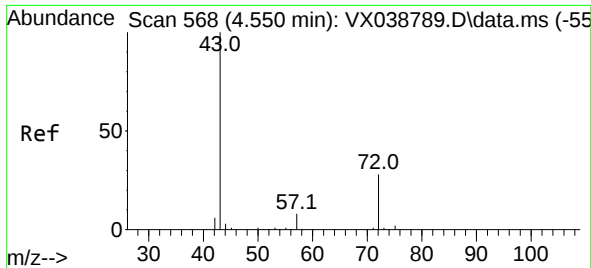
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#24
 1,1-Dichloroethane
 Concen: 54.358 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion: 63 Resp: 183475
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 3.7 2.1 6.5





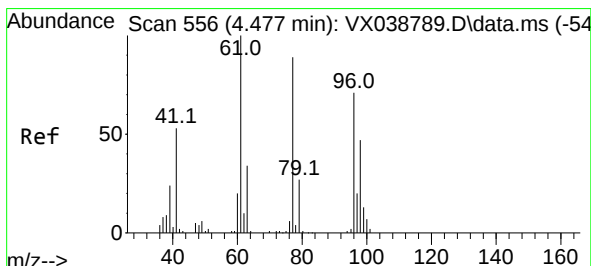
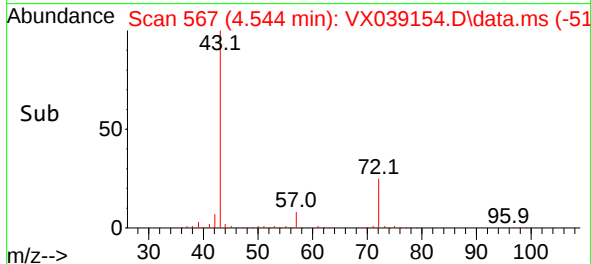
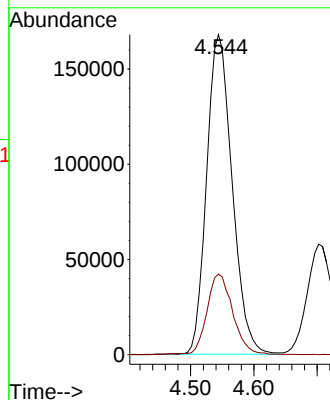
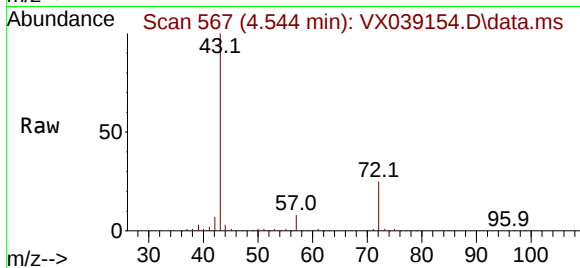
#25
2-Butanone
Concen: 256.283 ug/l
RT: 4.544 min Scan# 50
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 470029
Ion Ratio Lower Upper
43 100
72 25.1 19.4 29.2

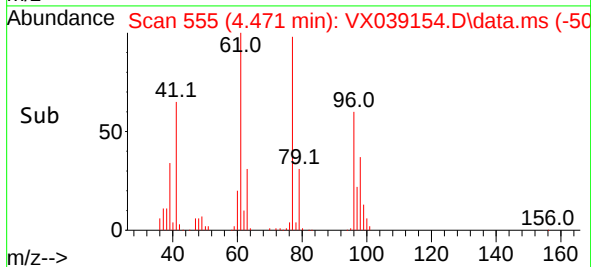
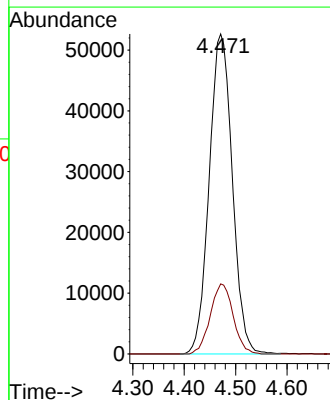
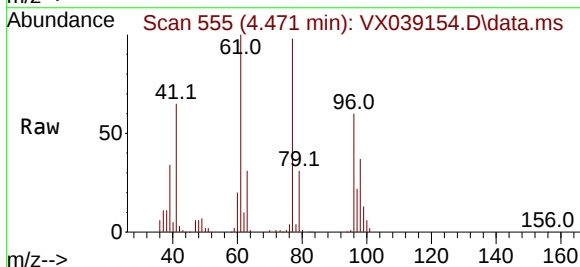
Manual Integrations
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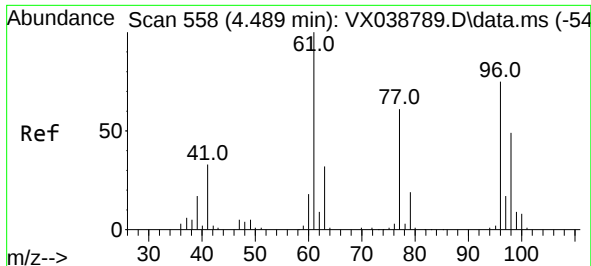
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#26
2,2-Dichloropropane
Concen: 56.134 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

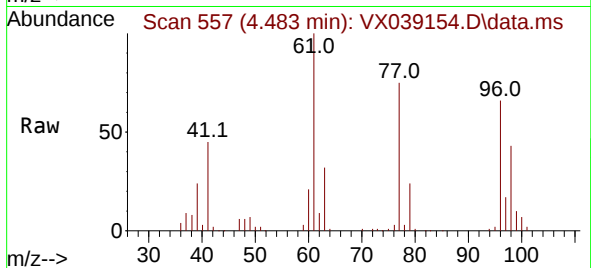
Tgt Ion: 77 Resp: 164350
Ion Ratio Lower Upper
77 100
97 21.7 10.8 32.3





#27
 cis-1,2-Dichloroethene
 Concen: 52.021 ug/l
 RT: 4.483 min Scan# 558
 Delta R.T. -0.006 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

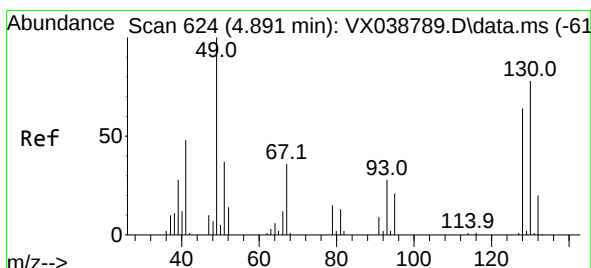
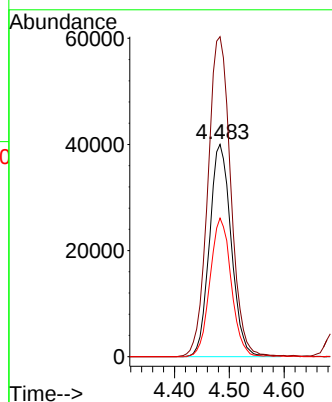
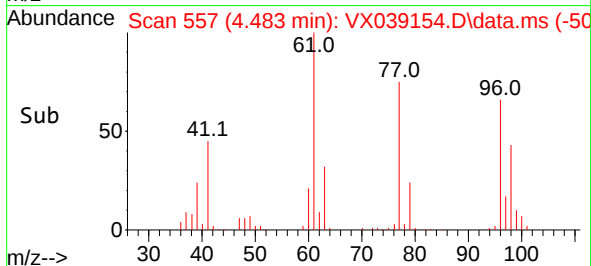
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 10995
 Ion Ratio Lower Upper
 96 100
 61 159.1 0.0 312.2
 98 63.8 0.0 129.0

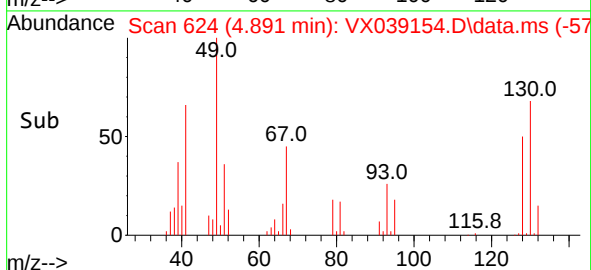
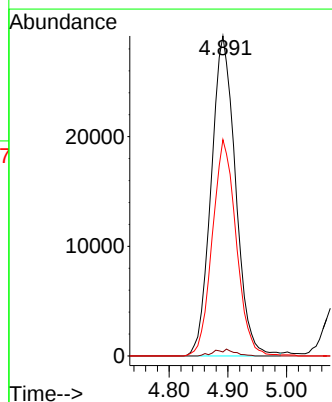
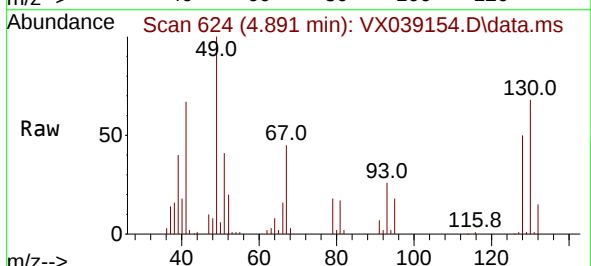
Manual Integrations
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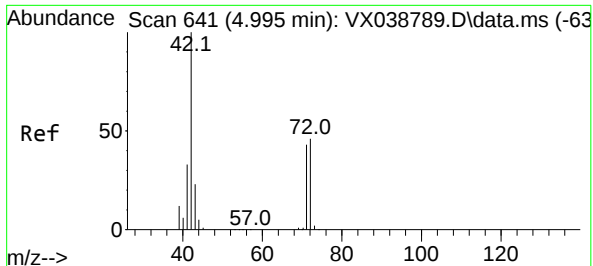
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023



#28
 Bromochloromethane
 Concen: 51.894 ug/l
 RT: 4.891 min Scan# 624
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

Tgt Ion: 49 Resp: 84098
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.8
 130 66.4 57.5 86.3





#29

Tetrahydrofuran

Concen: 250.335 ug/l

RT: 4.989 min Scan# 641

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 29151

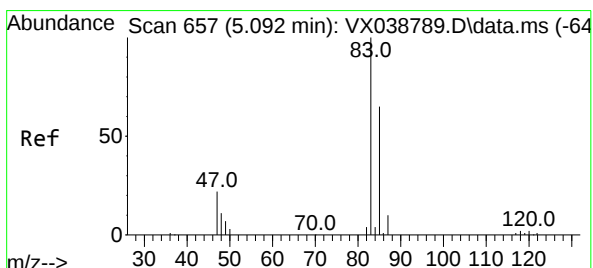
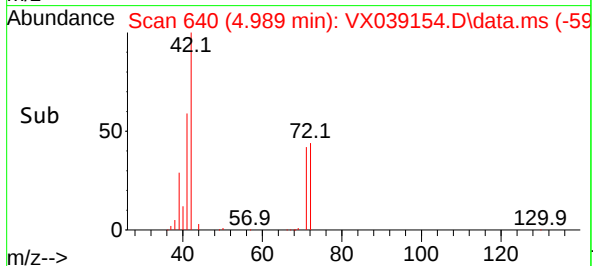
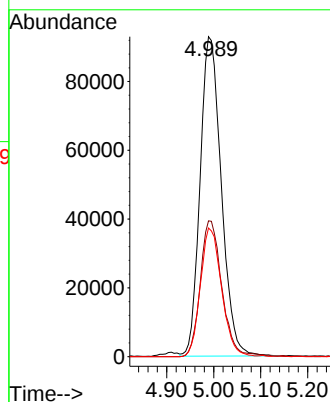
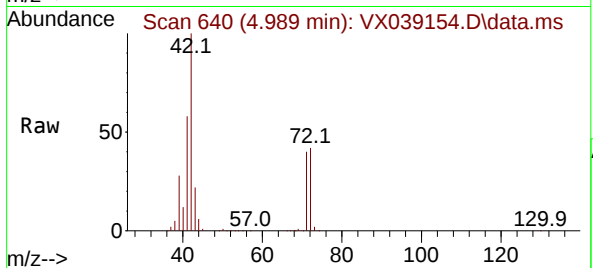
Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.2	51.4
71	40.1	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#30

Chloroform

Concen: 55.440 ug/l

RT: 5.087 min Scan# 656

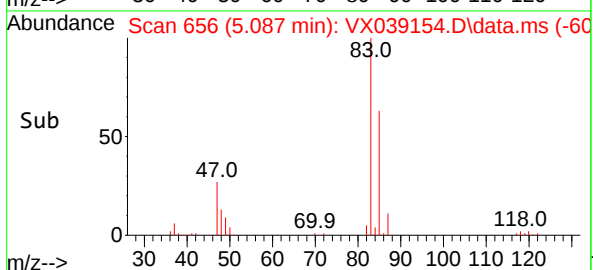
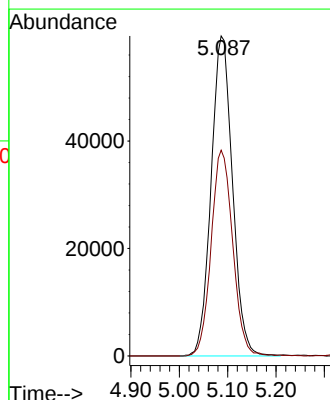
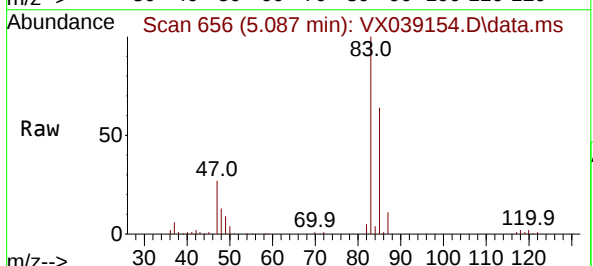
Delta R.T. -0.006 min

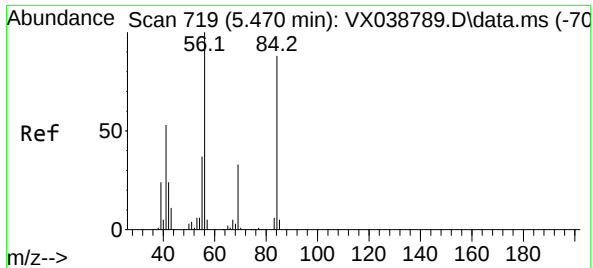
Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion: 83 Resp: 182726

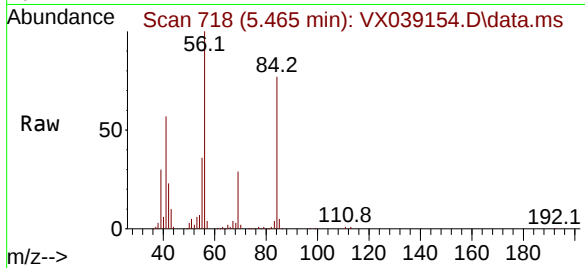
Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.3	75.5





#31
Cyclohexane
Concen: 55.360 ug/l
RT: 5.465 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

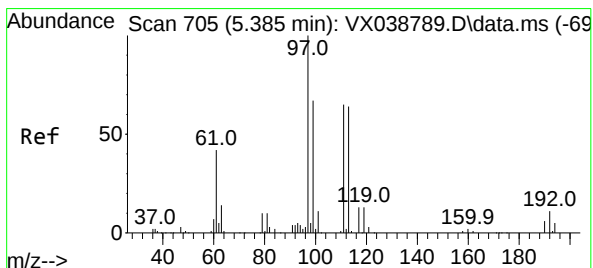
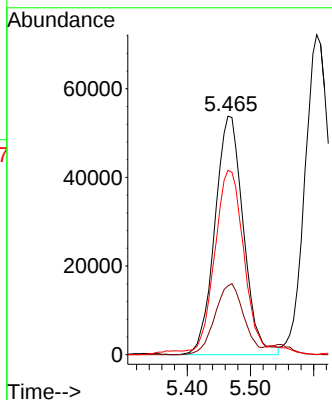
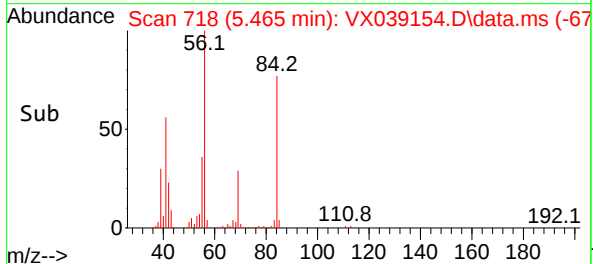
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 167924
Ion Ratio Lower Upper
56 100
69 28.8 23.4 35.2
84 75.6 65.9 98.9

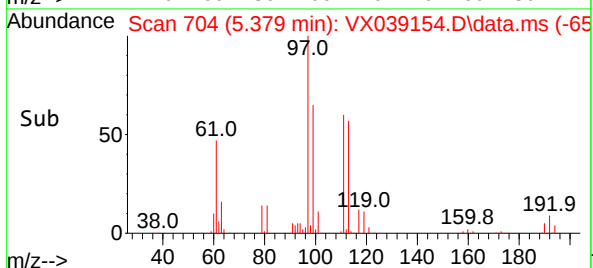
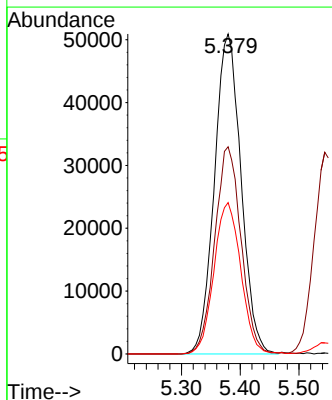
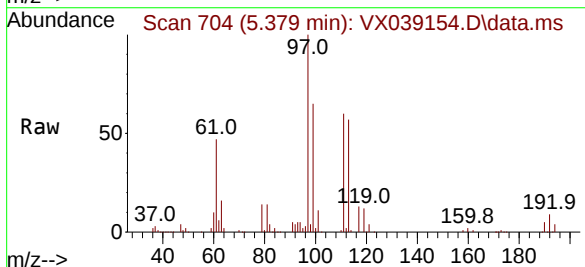
Manual Integrations
APPROVED

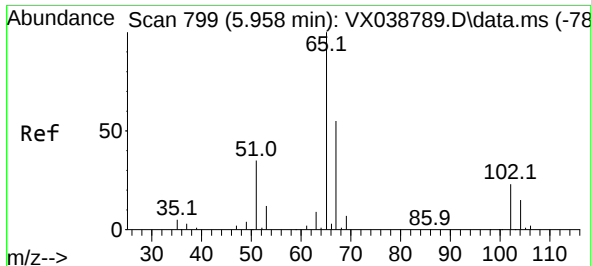
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#32
1,1,1-Trichloroethane
Concen: 56.173 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 97 Resp: 160361
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 47.9 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 57.050 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 121204

Ion Ratio Lower Upper

65 100

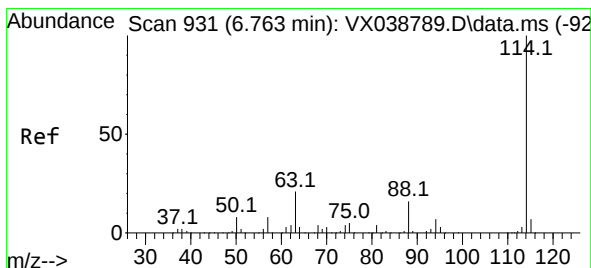
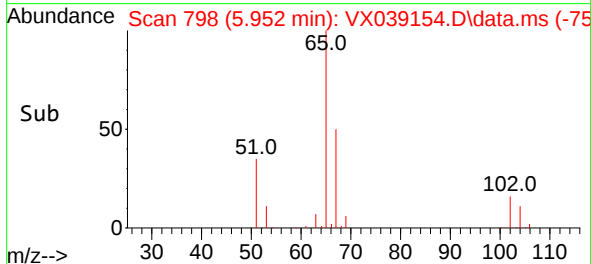
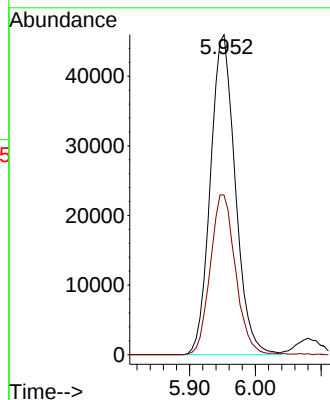
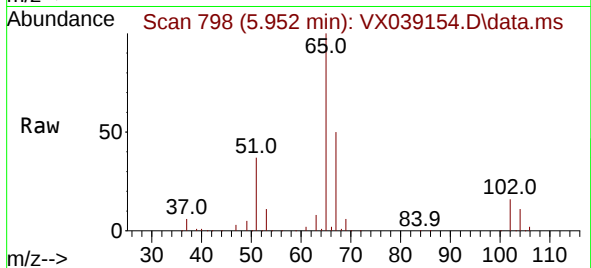
67 50.7 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

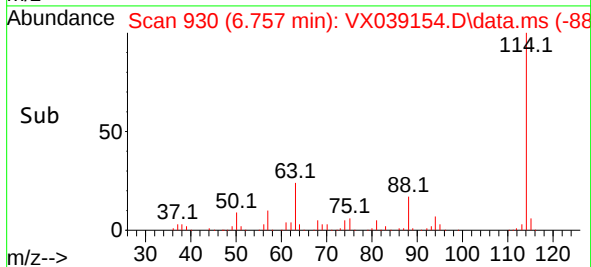
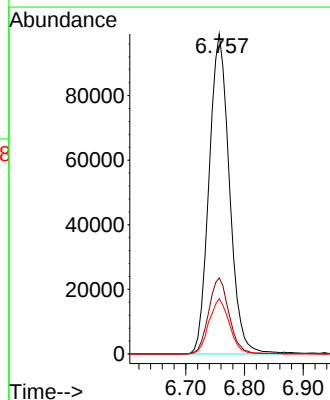
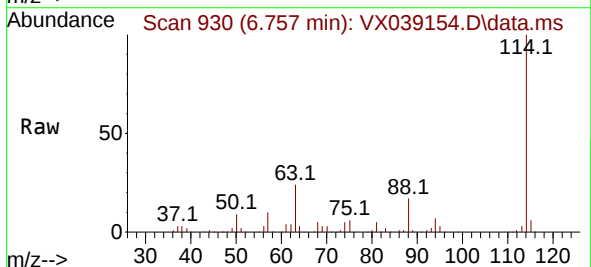
Tgt Ion:114 Resp: 238020

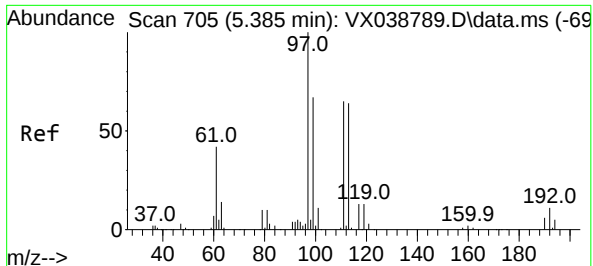
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 50.860 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

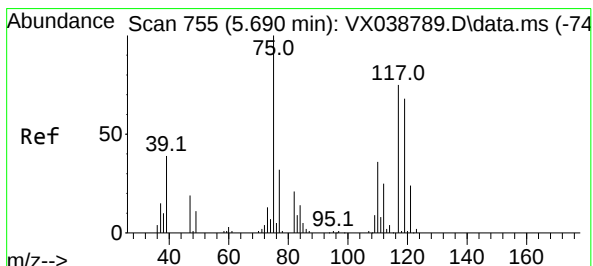
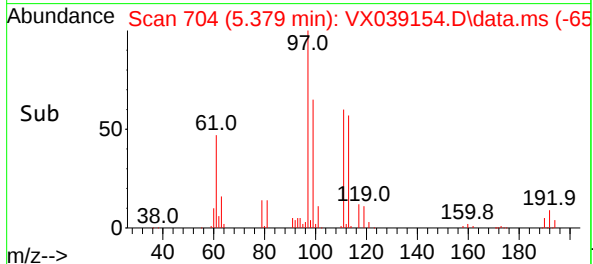
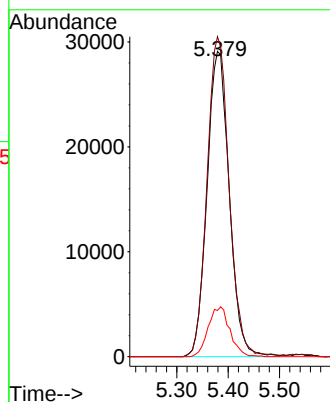
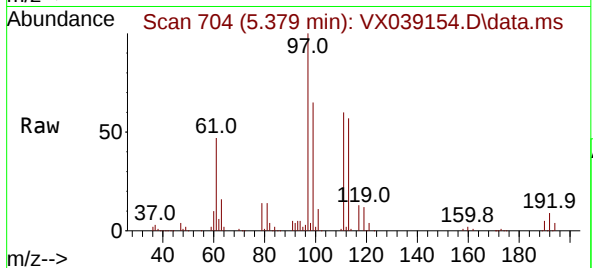
Tgt Ion:	113	Resp:	87430
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.9	124.3
192	15.9	13.3	19.9

Manual Integrations

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Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#36

1,1-Dichloropropene

Concen: 56.849 ug/l

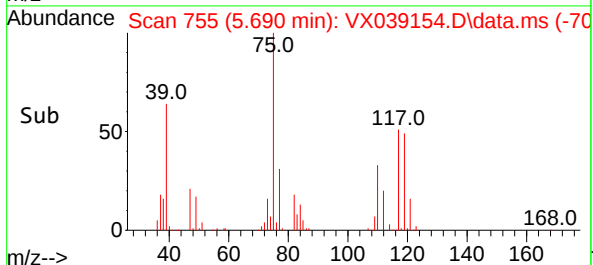
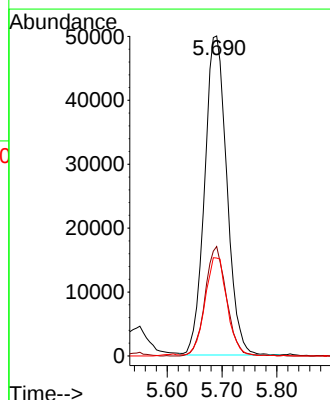
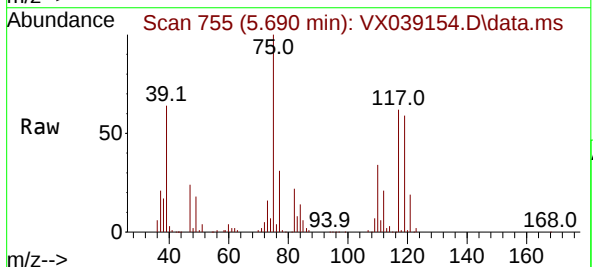
RT: 5.690 min Scan# 755

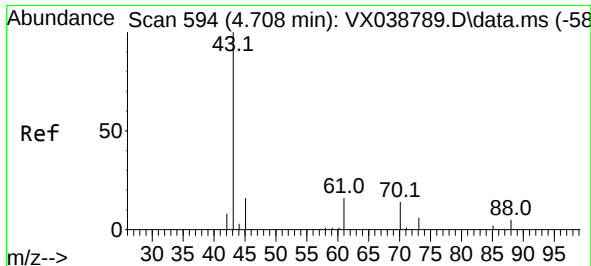
Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion:	75	Resp:	140063
Ion	Ratio	Lower	Upper
75	100		
110	33.1	17.0	50.9
77	30.6	24.7	37.1





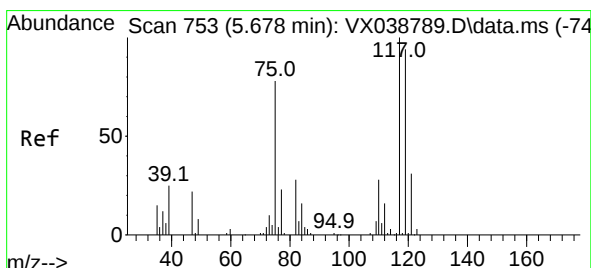
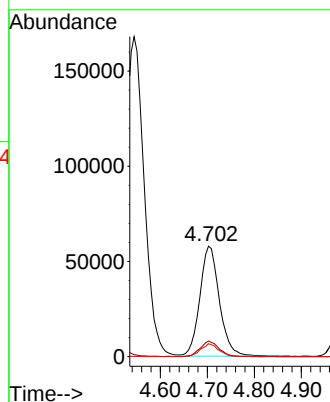
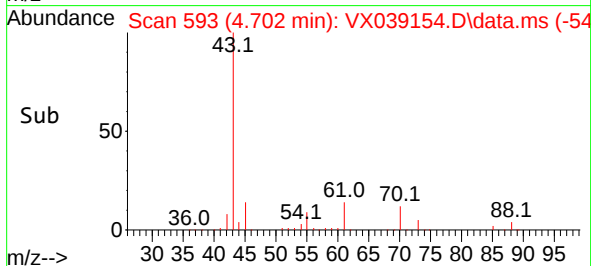
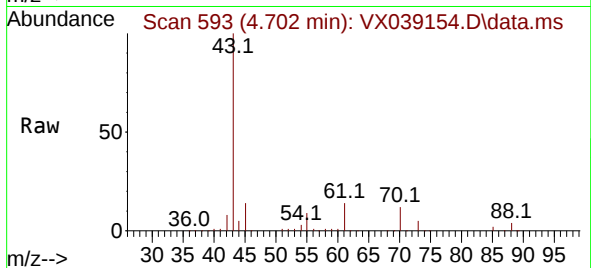
#37
Ethyl Acetate
Concen: 52.120 ug/l
RT: 4.702 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 167300
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.9 8.3 12.5

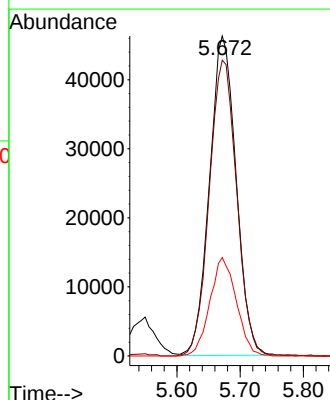
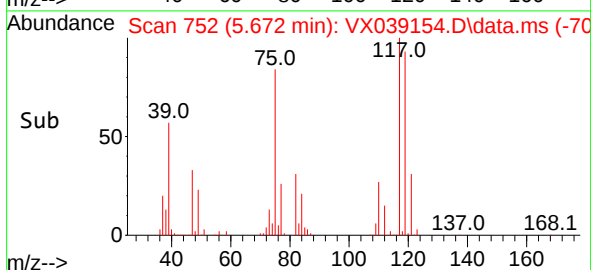
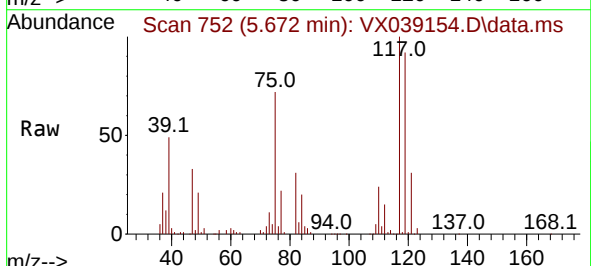
Manual Integrations
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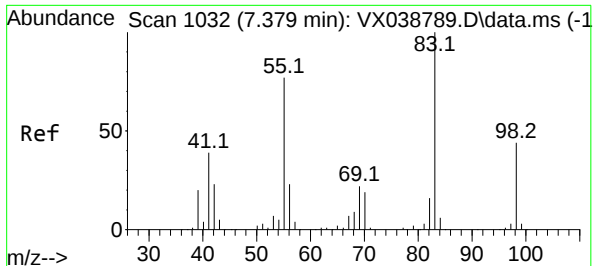
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#38
Carbon Tetrachloride
Concen: 59.259 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:117 Resp: 134937
Ion Ratio Lower Upper
117 100
119 92.4 78.2 117.2
121 30.8 24.4 36.6





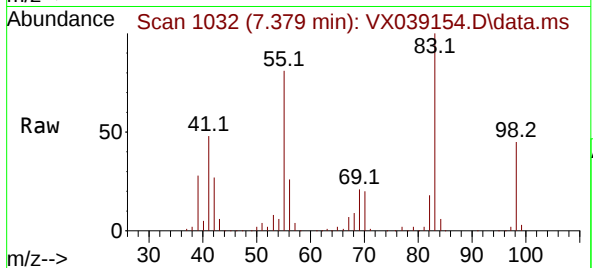
#39
Methylcyclohexane
Concen: 53.608 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



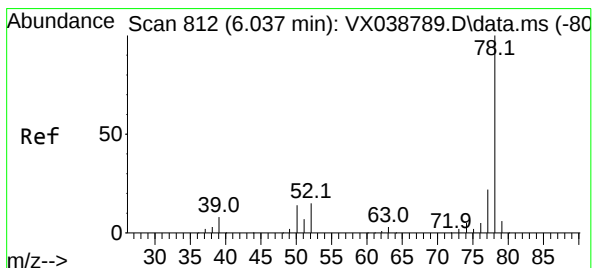
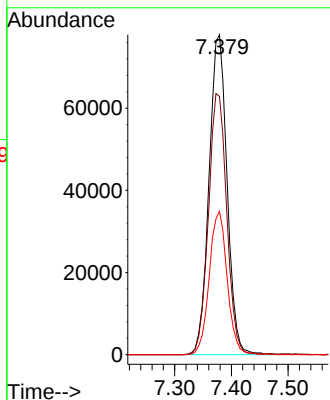
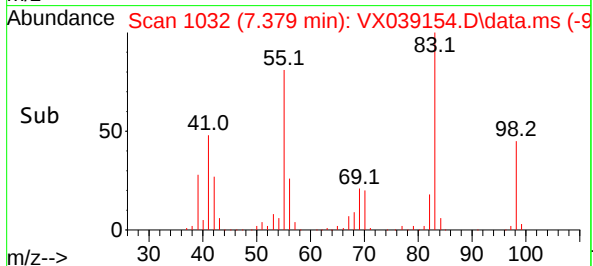
Tgt Ion: 83 Resp: 17228
Ion Ratio Lower Upper
83 100
55 80.7 64.6 97.0
98 44.8 36.7 55.1

Manual Integrations

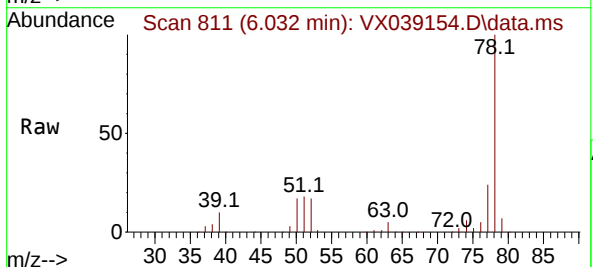
APPROVED

Reviewed By :John Carlone 12/13/2023

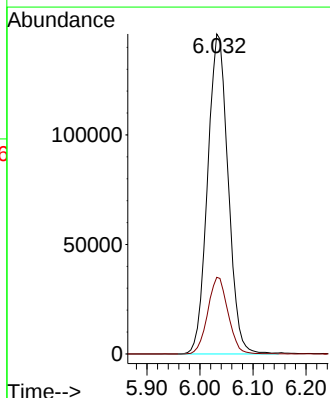
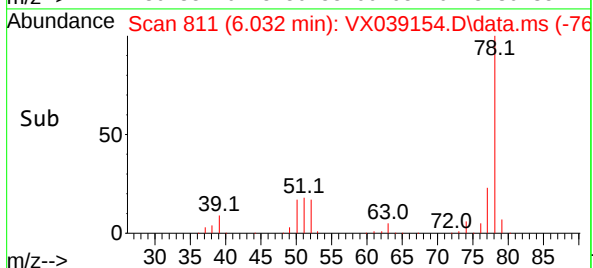
Supervised By :Mahesh Dadoda 12/13/2023

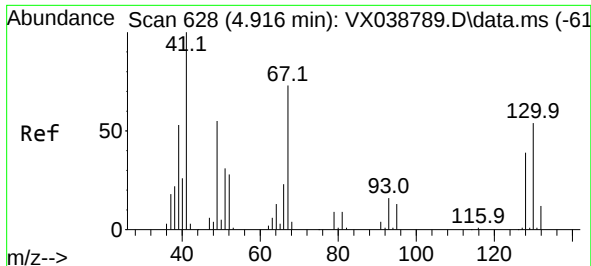


#40
Benzene
Concen: 53.929 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



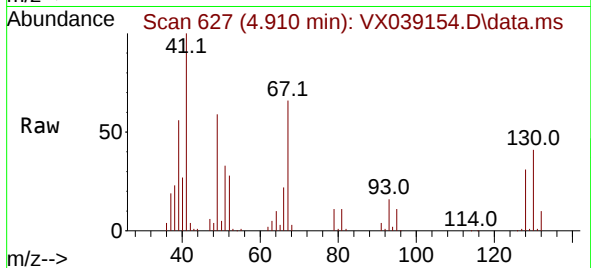
Tgt Ion: 78 Resp: 392983
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9





#41
Methacrylonitrile
Concen: 54.322 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

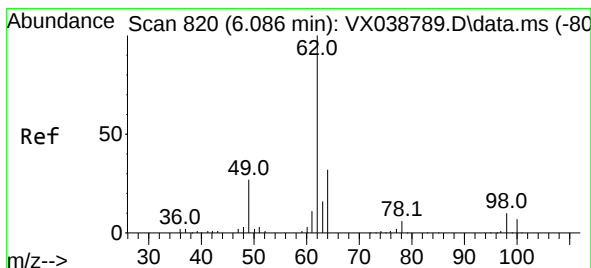
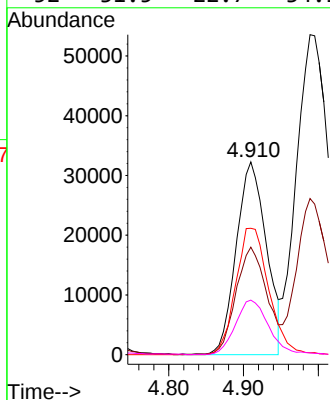
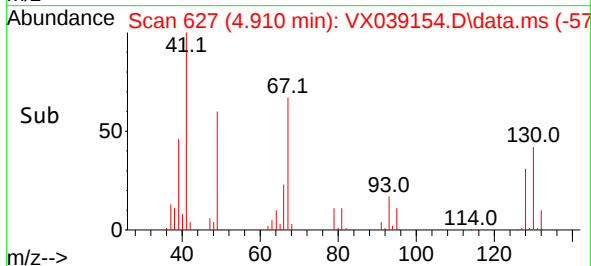
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 90436
Ion Ratio Lower Upper
41 100
39 56.9 45.2 67.8
67 71.9 52.6 78.8
52 31.5 22.7 34.1

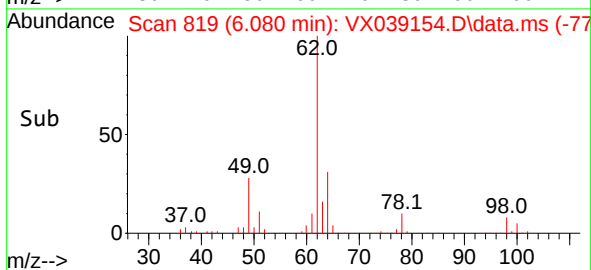
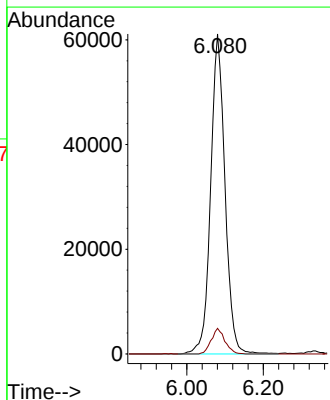
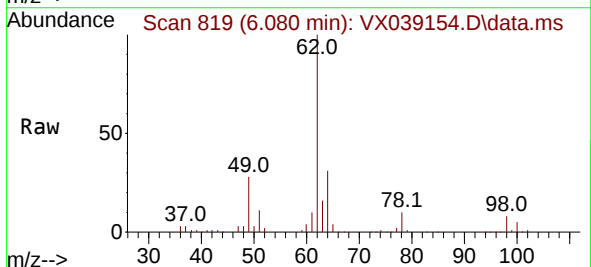
Manual Integrations
APPROVED

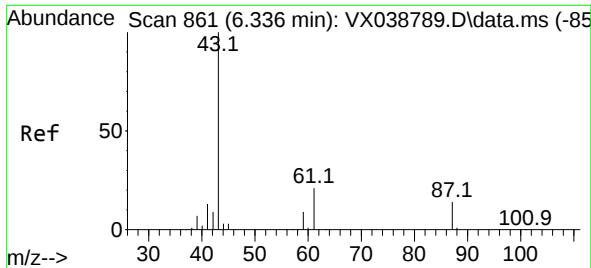
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#42
1,2-Dichloroethane
Concen: 65.777 ug/l
RT: 6.080 min Scan# 819
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

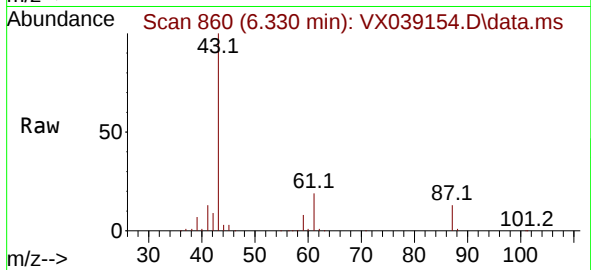
Tgt Ion: 62 Resp: 158808
Ion Ratio Lower Upper
62 100
98 7.6 0.0 16.0





#43
Isopropyl Acetate
Concen: 54.300 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

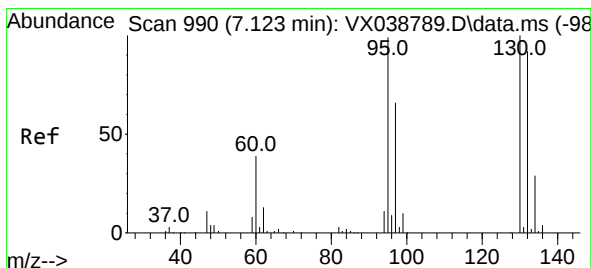
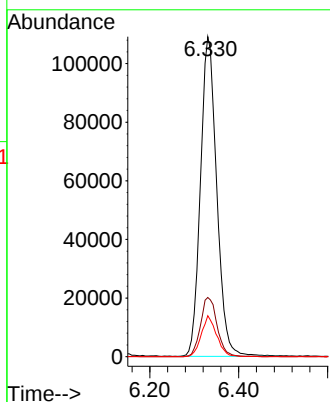
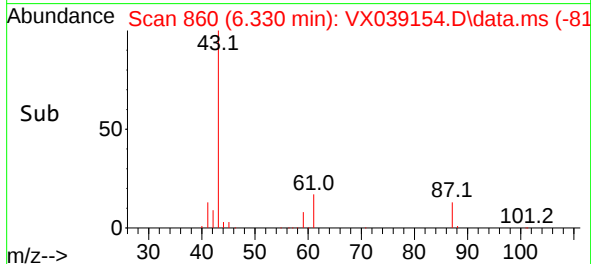
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 27855
Ion Ratio Lower Upper
43 100
61 18.9 15.2 22.8
87 12.1 9.8 14.6

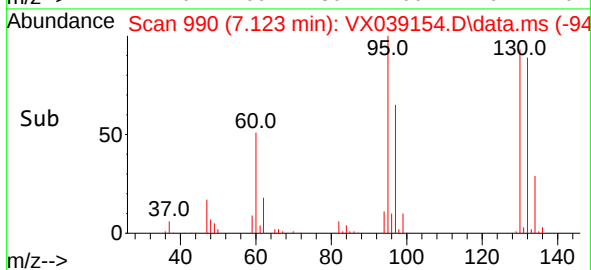
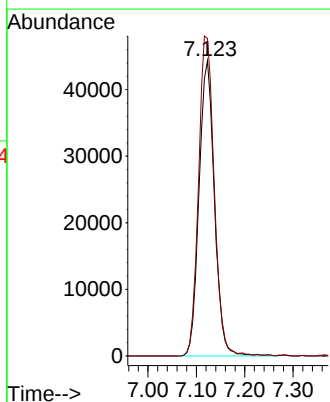
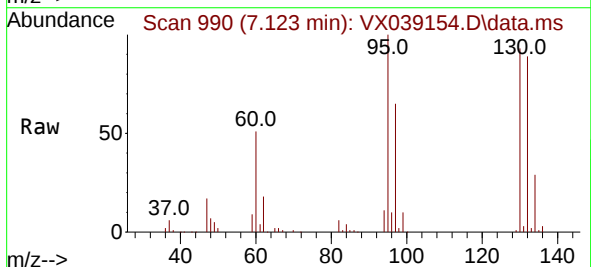
Manual Integrations
APPROVED

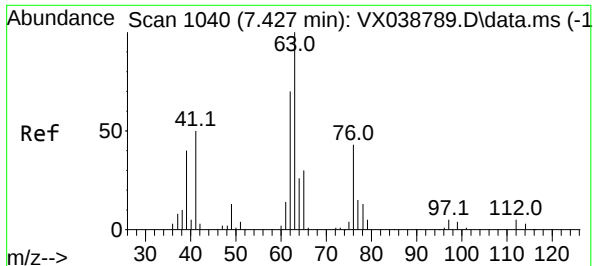
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#44
Trichloroethene
Concen: 55.297 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:130 Resp: 98083
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.4





#45

1,2-Dichloropropane

Concen: 55.502 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 108840

Ion Ratio Lower Upper

63 100

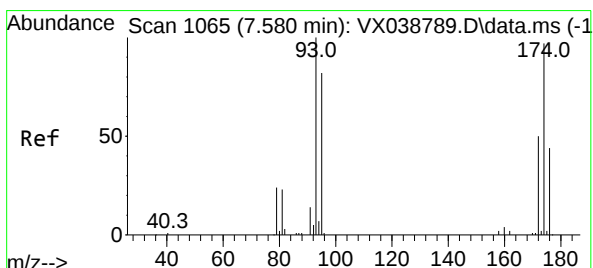
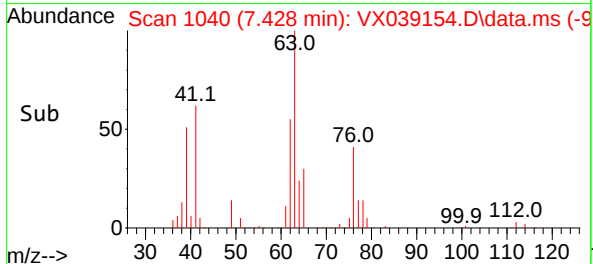
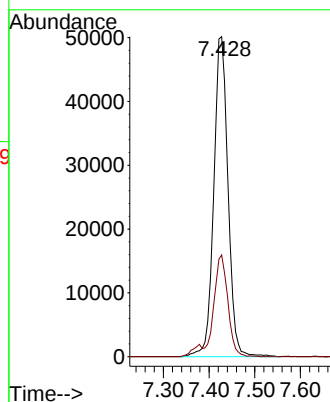
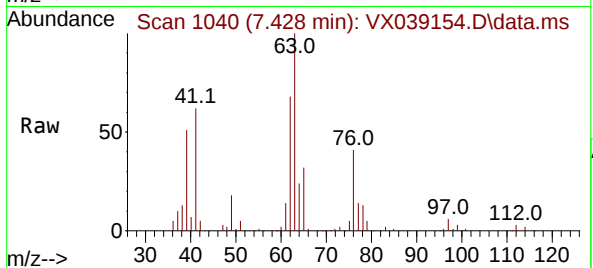
65 31.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#46

Dibromomethane

Concen: 56.764 ug/l

RT: 7.574 min Scan# 1064

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

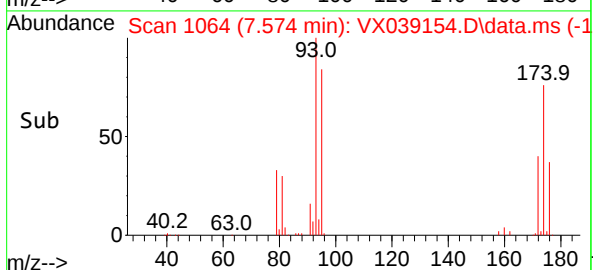
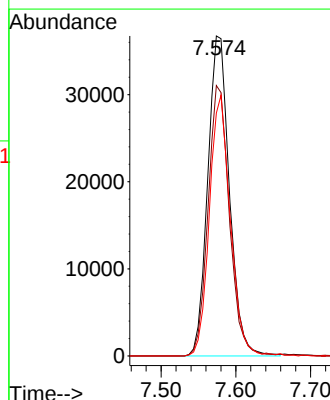
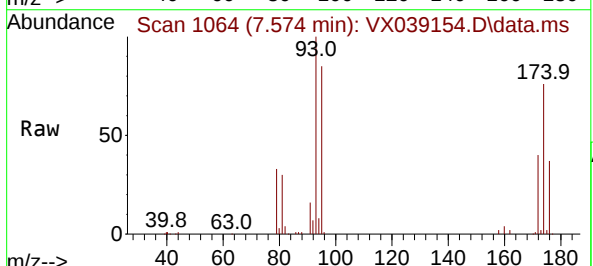
Tgt Ion: 93 Resp: 74234

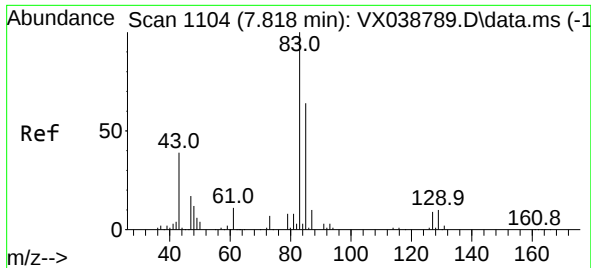
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 78.8 69.4 104.0





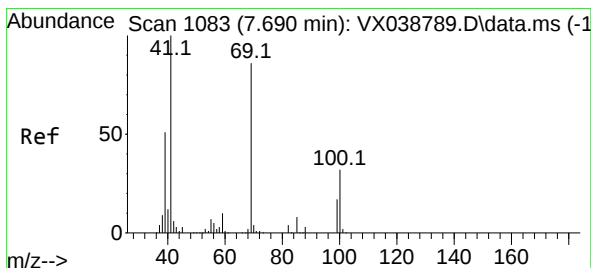
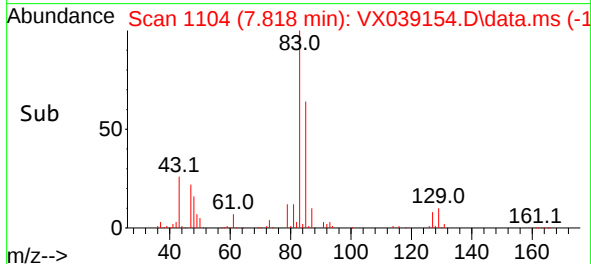
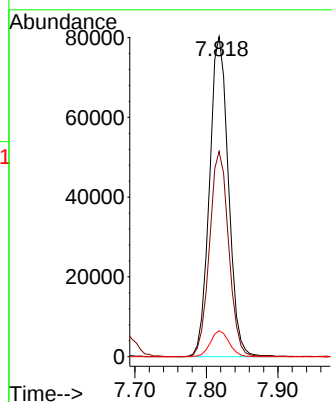
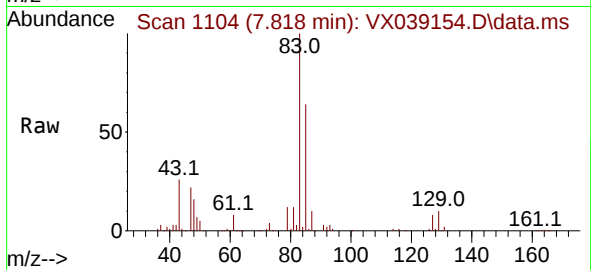
#47
Bromodichloromethane
Concen: 56.748 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 147293
Ion Ratio Lower Upper
83 100
85 64.2 49.8 74.6
127 8.1 7.1 10.7

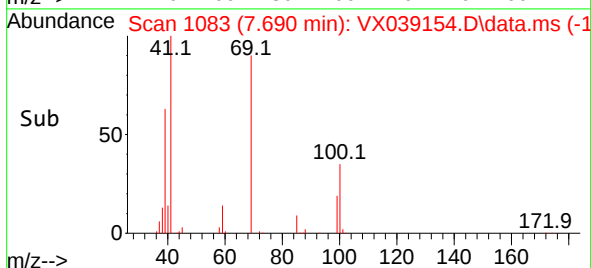
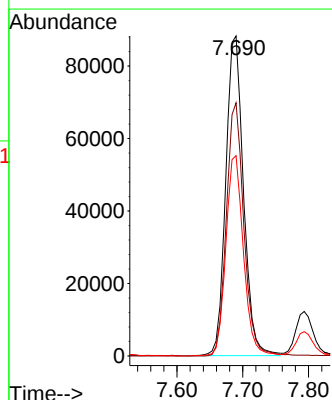
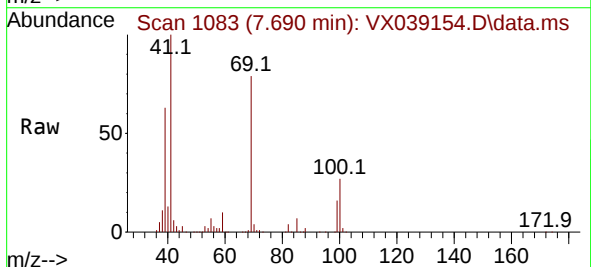
Manual Integrations
APPROVED

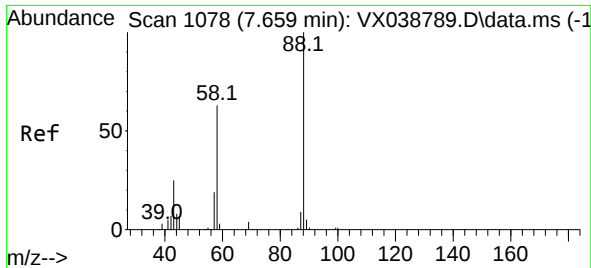
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#48
Methyl methacrylate
Concen: 66.531 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

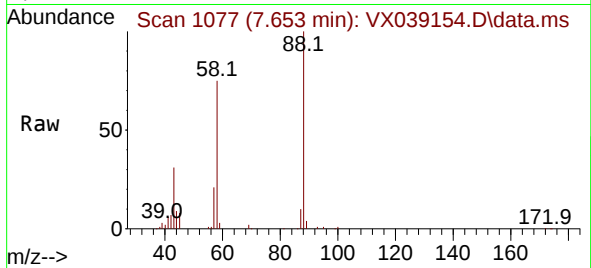
Tgt Ion: 41 Resp: 165596
Ion Ratio Lower Upper
41 100
69 78.6 59.2 88.8
39 62.4 47.7 71.5





#49
1,4-Dioxane
Concen: 895.712 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

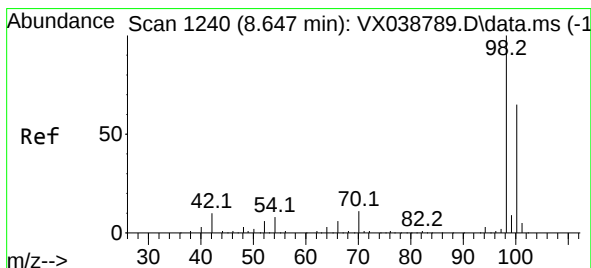
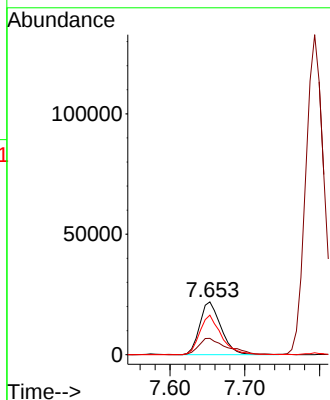
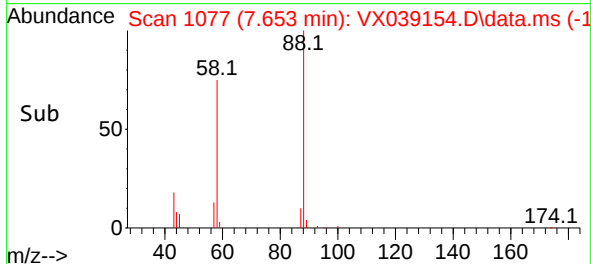
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 4313
Ion Ratio Lower Upper
88 100
43 41.2 0.0 0.0
58 76.5 60.1 90.1

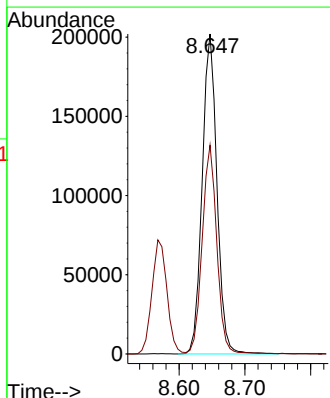
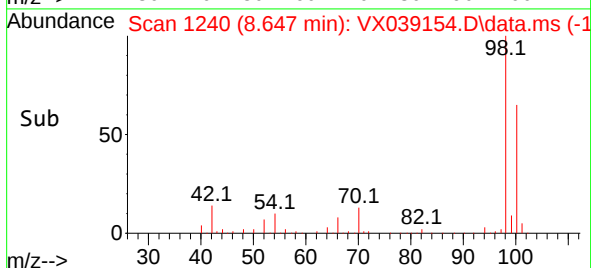
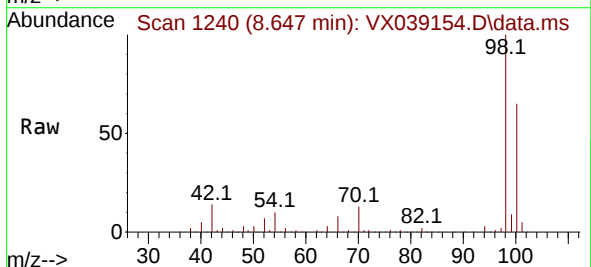
Manual Integrations
APPROVED

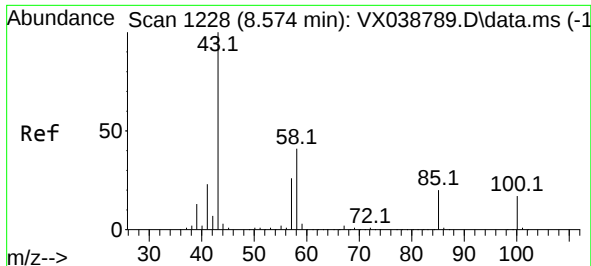
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#50
Toluene-d8
Concen: 47.908 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 98 Resp: 315097
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7





#51
4-Methyl-2-Pentanone
Concen: 265.108 ug/l
RT: 8.568 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

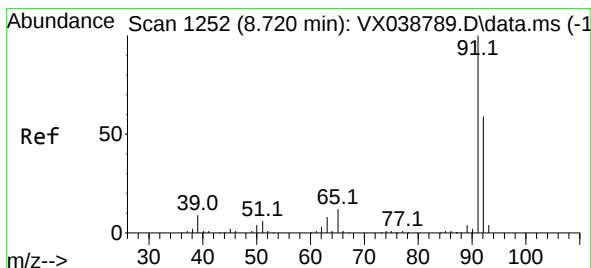
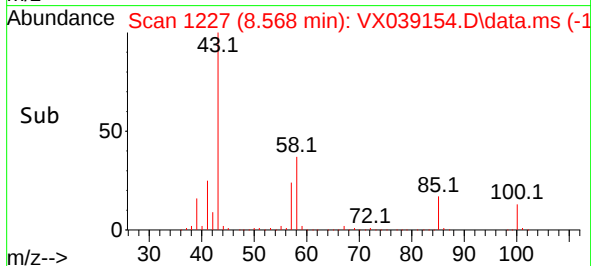
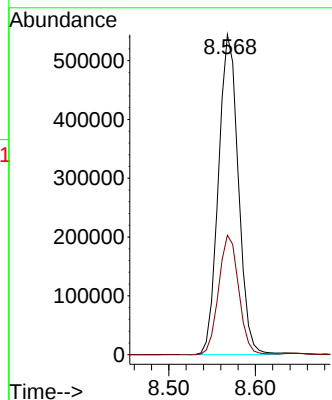
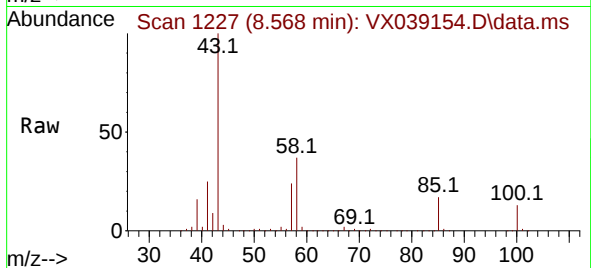
VSTDCCC050

Tgt Ion: 43 Resp: 86910
Ion Ratio Lower Upper
43 100
58 37.6 30.4 45.6

Manual Integrations

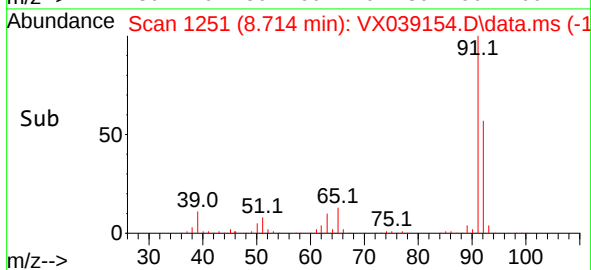
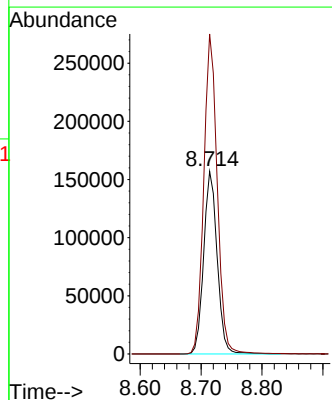
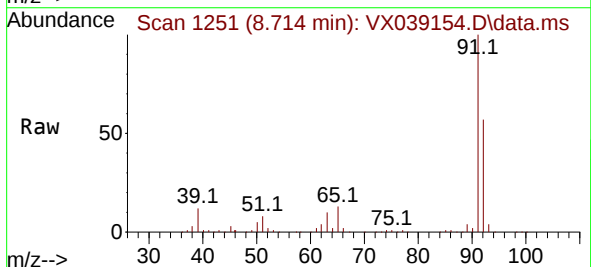
APPROVED

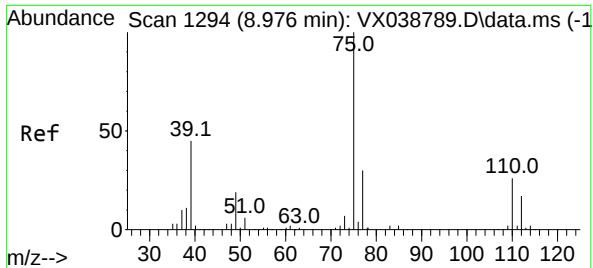
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#52
Toluene
Concen: 53.537 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion: 92 Resp: 242097
Ion Ratio Lower Upper
92 100
91 175.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 53.885 ug/l

RT: 8.976 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 166210

Ion Ratio Lower Upper

75 100

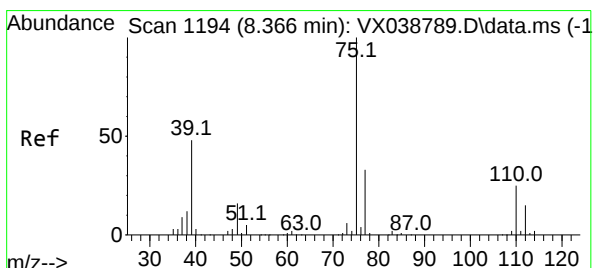
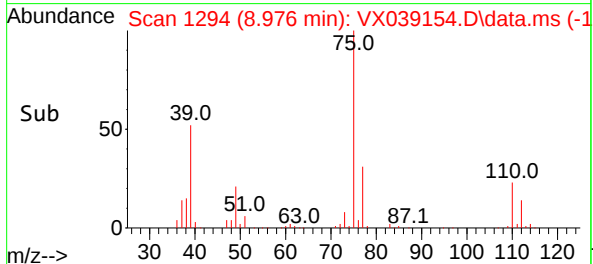
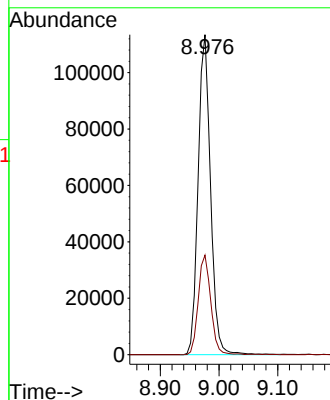
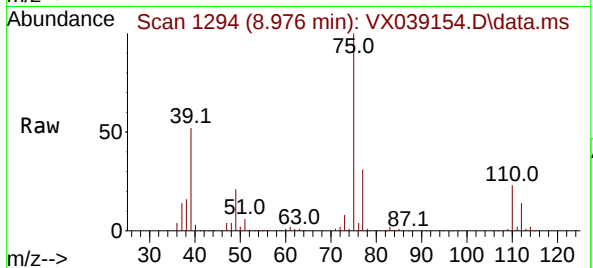
77 31.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#54

cis-1,3-Dichloropropene

Concen: 54.979 ug/l

RT: 8.360 min Scan# 1193

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

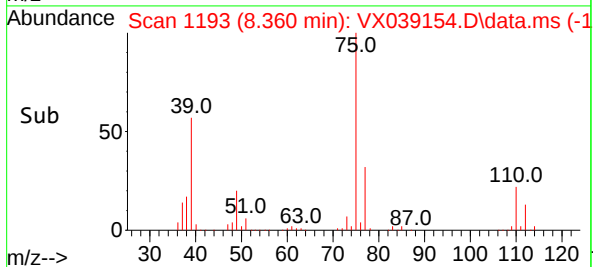
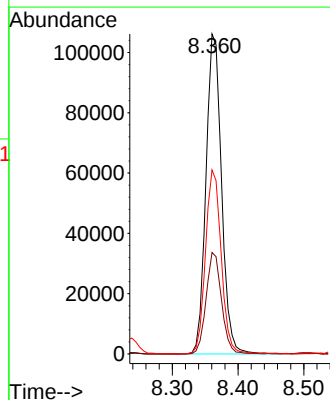
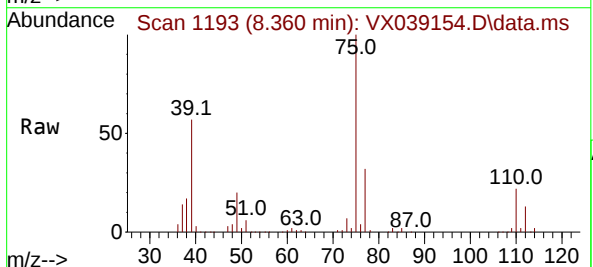
Tgt Ion: 75 Resp: 175172

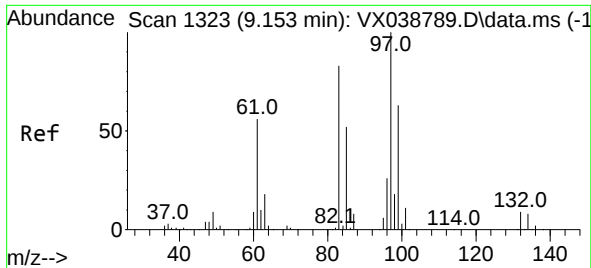
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

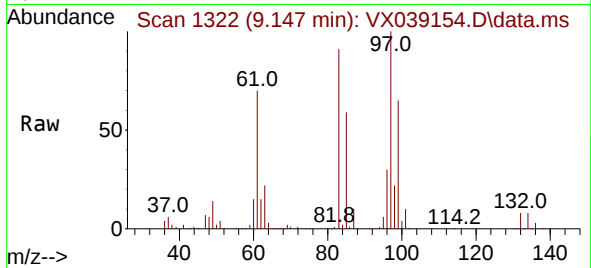
39 57.5 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 53.044 ug/l
RT: 9.147 min Scan# 1323
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

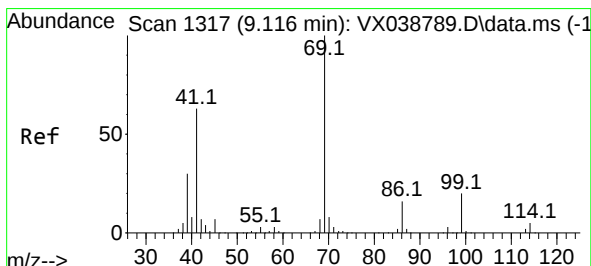
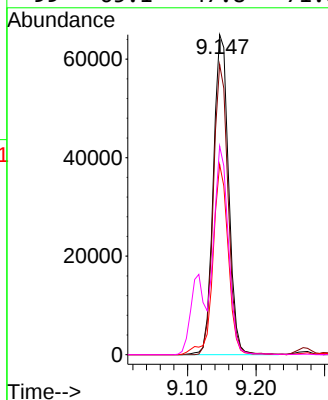
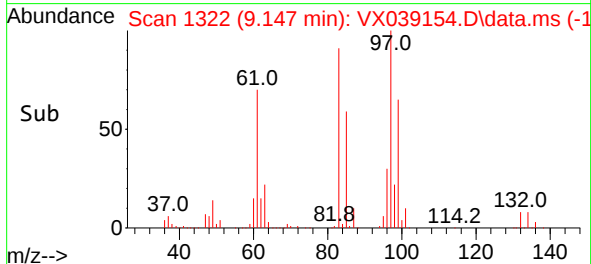


Tgt Ion: 97 Resp: 100085

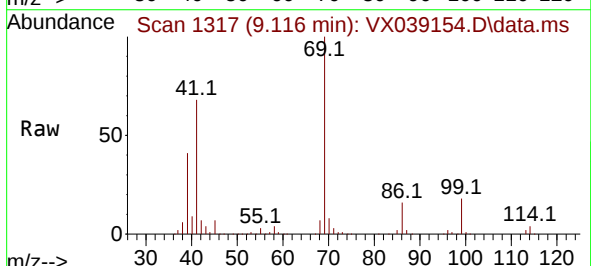
Ion	Ratio	Lower	Upper
97	100		
83	90.7	65.8	98.8
85	59.4	41.6	62.4
99	65.1	47.8	71.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

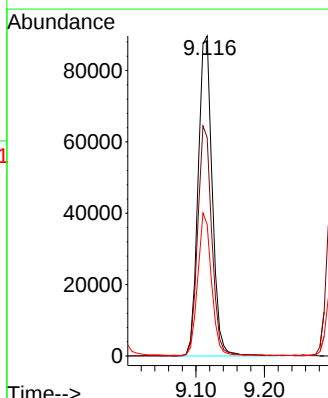
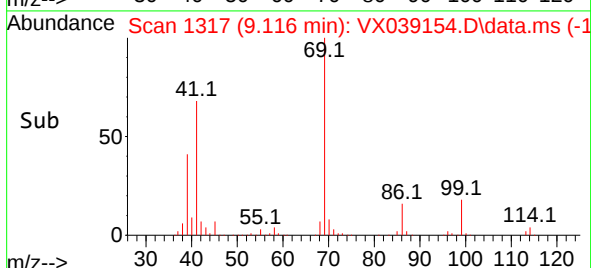


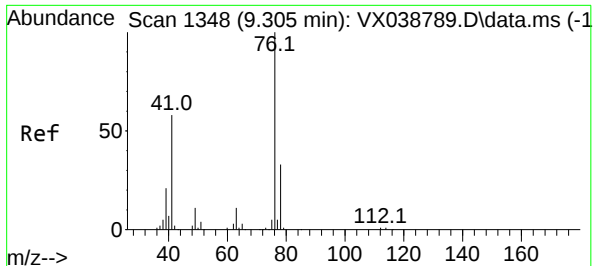
#56
Ethyl methacrylate
Concen: 40.339 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



Tgt Ion: 69 Resp: 128780

Ion	Ratio	Lower	Upper
69	100		
41	71.9	56.8	85.2
39	42.9	32.0	48.0





#57

1,3-Dichloropropane

Concen: 55.266 ug/l

RT: 9.305 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 172459

Ion Ratio Lower Upper

76 100

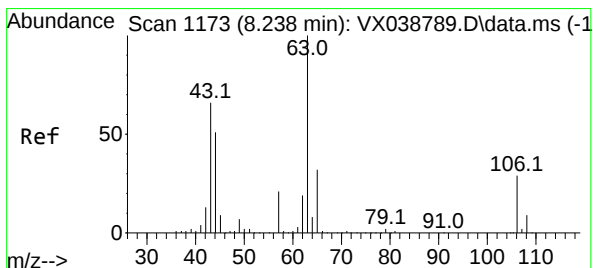
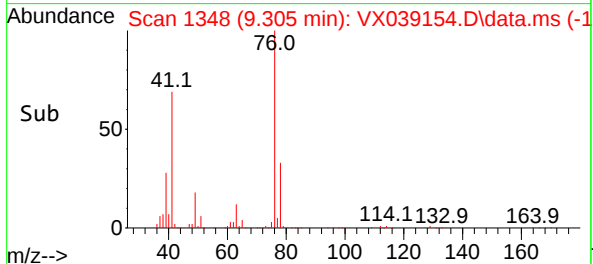
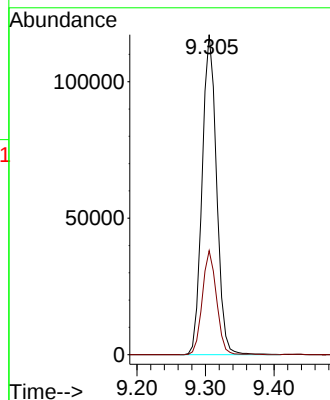
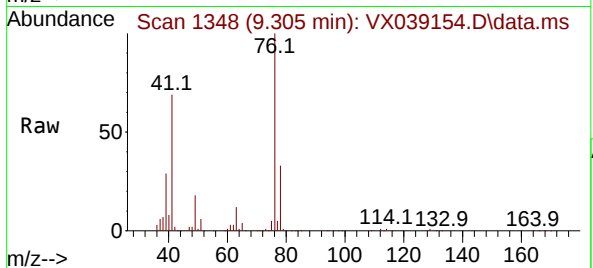
78 31.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 227.374 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039154.D

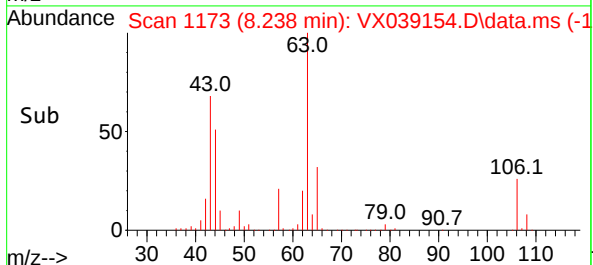
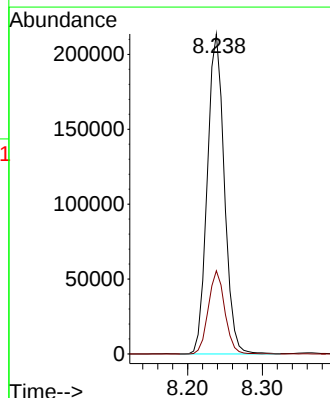
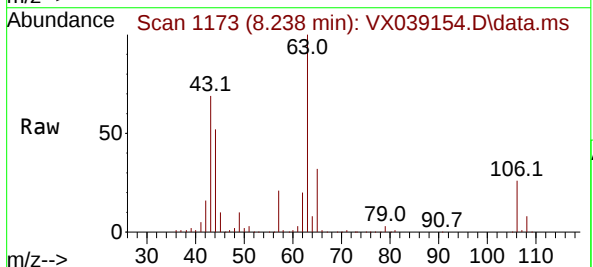
Acq: 12 Dec 2023 09:17

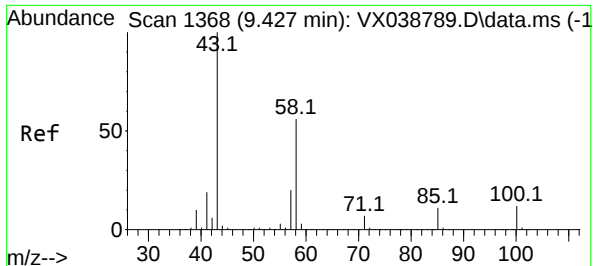
Tgt Ion: 63 Resp: 338147

Ion Ratio Lower Upper

63 100

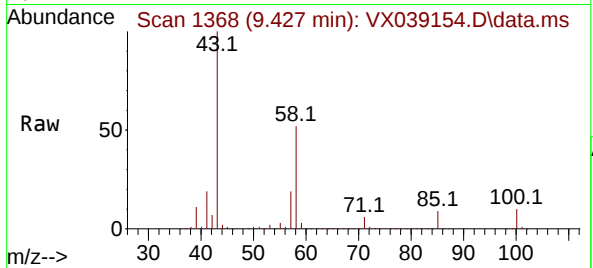
106 25.1 22.5 33.7





#59
2-Hexanone
Concen: 267.193 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

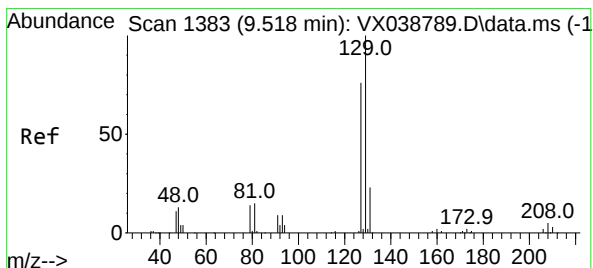
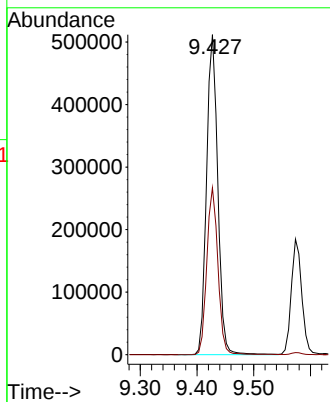
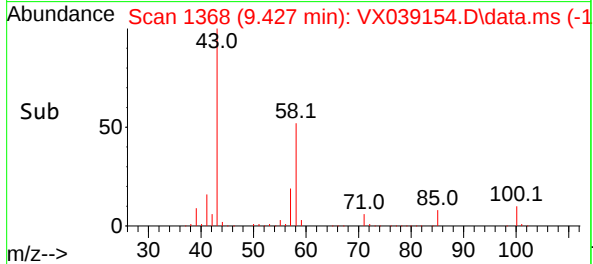
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 702093
Ion Ratio Lower Upper
43 100
58 51.9 26.2 78.5

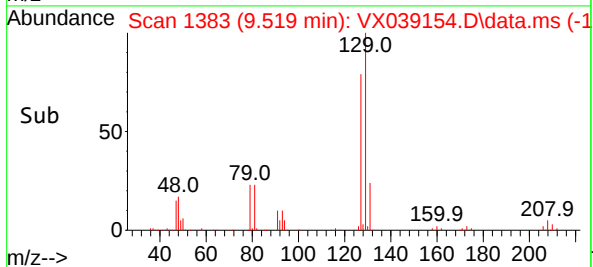
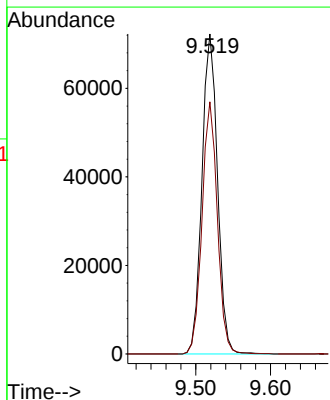
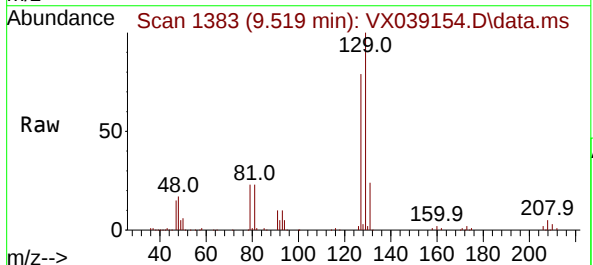
Manual Integrations
APPROVED

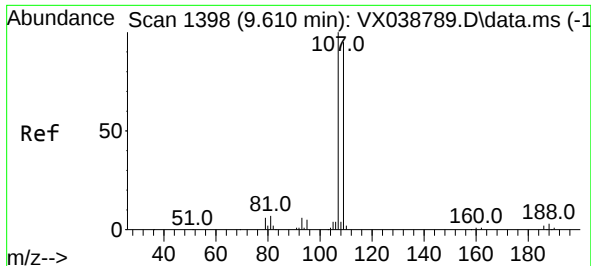
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#60
Dibromochloromethane
Concen: 54.451 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

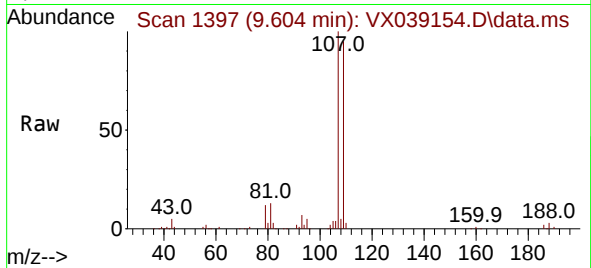
Tgt Ion:129 Resp: 104466
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.545 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

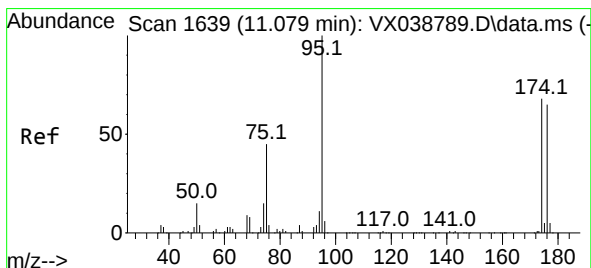
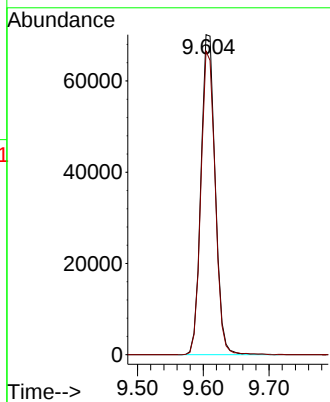
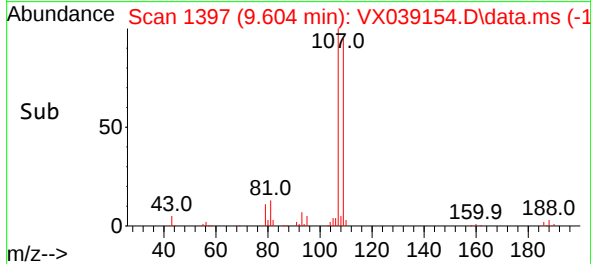
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 106010
Ion Ratio Lower Upper
107 100
109 94.9 75.2 112.8

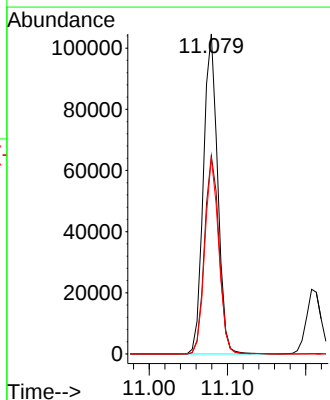
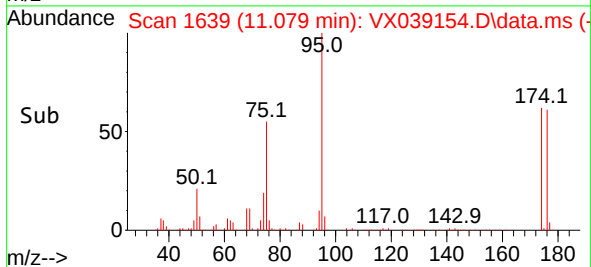
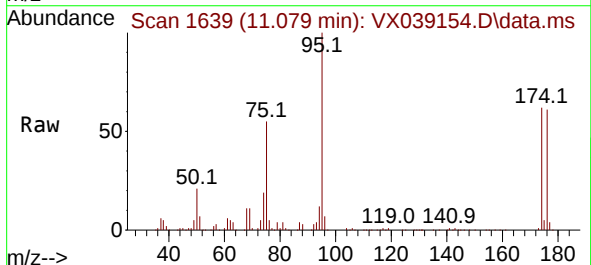
Manual Integrations
APPROVED

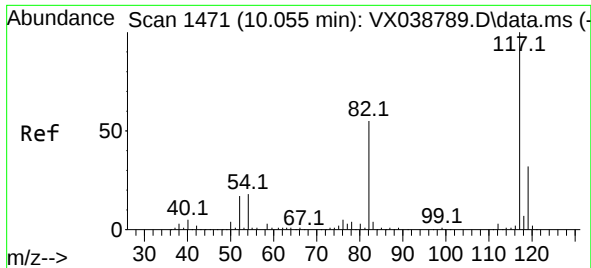
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#62
4-Bromofluorobenzene
Concen: 50.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

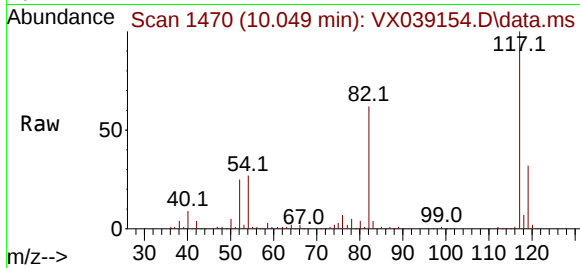
Tgt Ion: 95 Resp: 132054
Ion Ratio Lower Upper
95 100
174 62.9 0.0 135.6
176 59.7 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

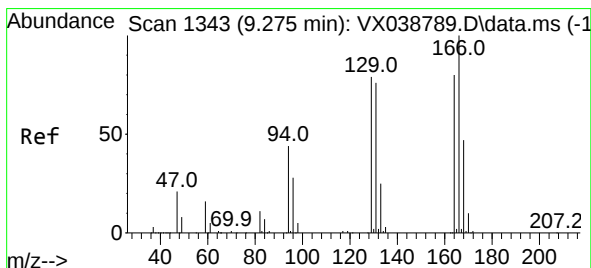
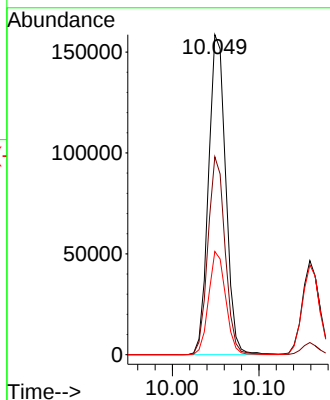
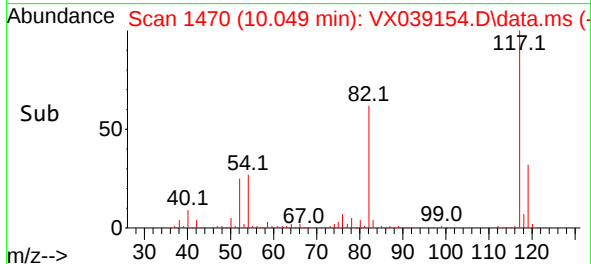
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 21910
Ion Ratio Lower Upper
117 100
82 61.8 46.2 69.4
119 32.2 25.5 38.3

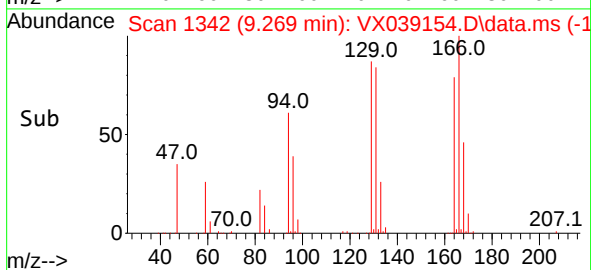
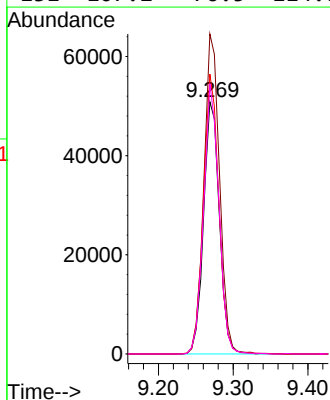
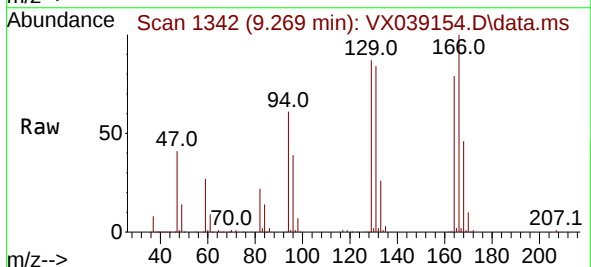
Manual Integrations
APPROVED

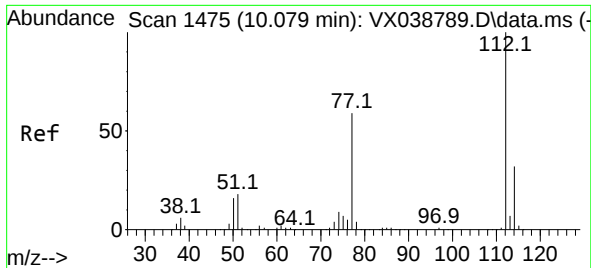
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#64
Tetrachloroethene
Concen: 54.644 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:164 Resp: 74420
Ion Ratio Lower Upper
164 100
166 126.9 102.7 154.1
129 111.0 80.4 120.6
131 107.2 76.5 114.7





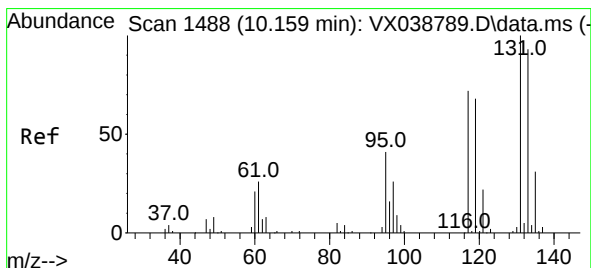
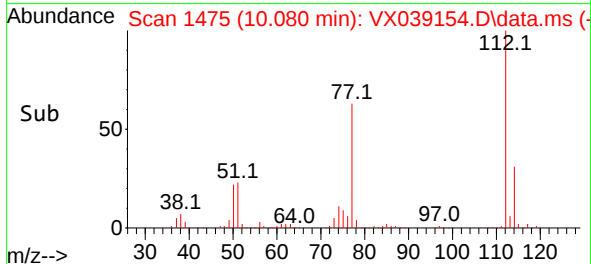
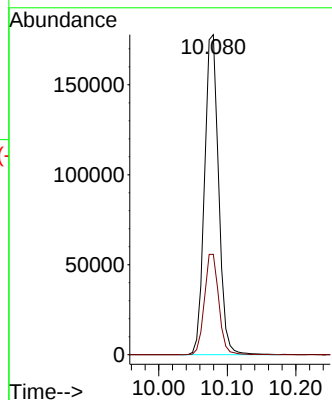
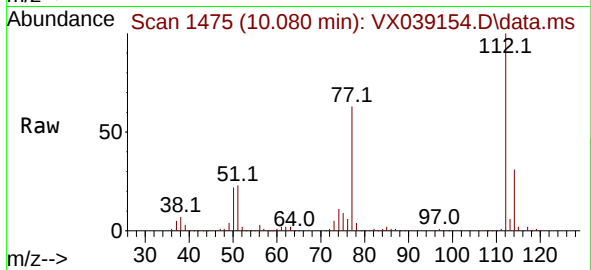
#65
Chlorobenzene
Concen: 54.048 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 25509
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5

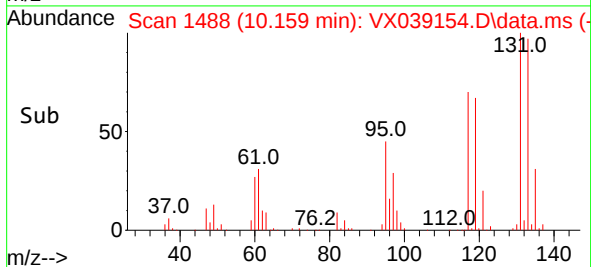
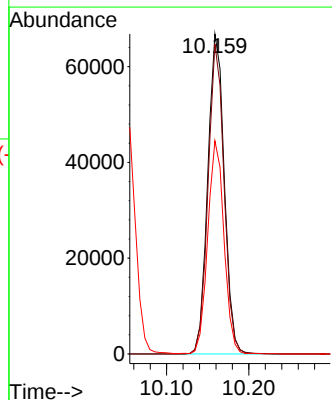
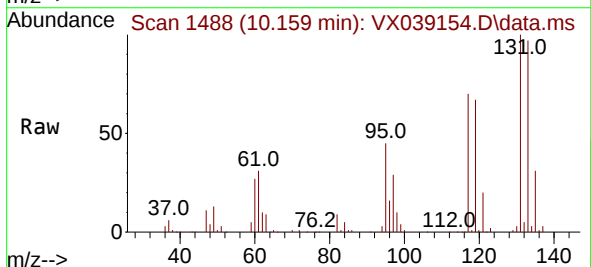
Manual Integrations
APPROVED

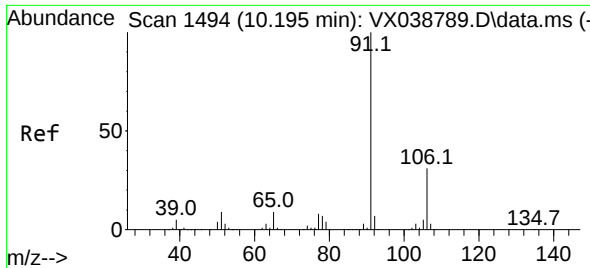
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 54.935 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:131 Resp: 93268
Ion Ratio Lower Upper
131 100
133 93.9 47.1 141.4
119 65.7 32.2 96.6





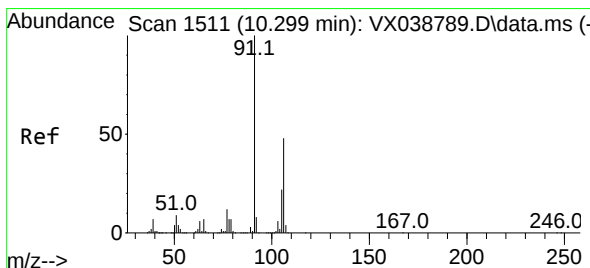
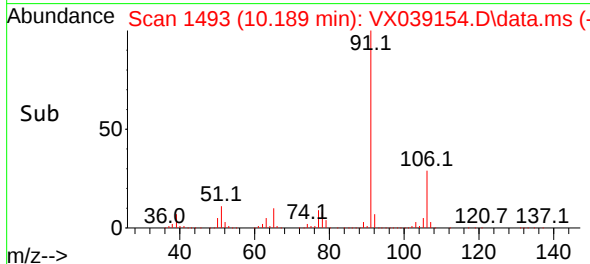
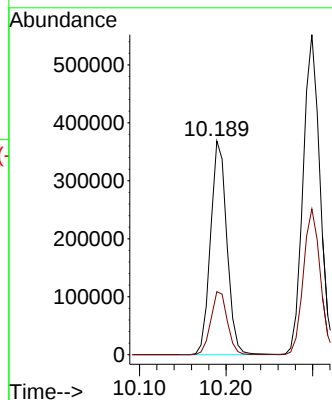
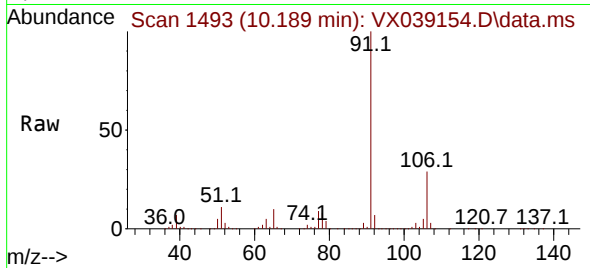
#67
Ethyl Benzene
Concen: 55.630 ug/l
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 48239
Ion Ratio Lower Upper
91 100
106 29.5 24.9 37.3

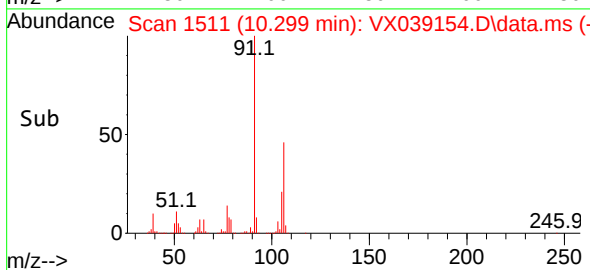
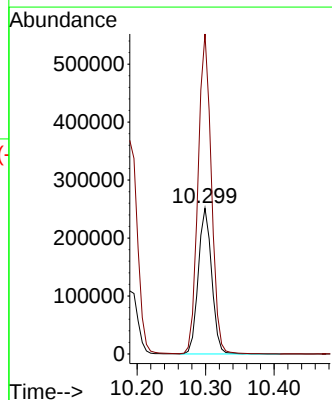
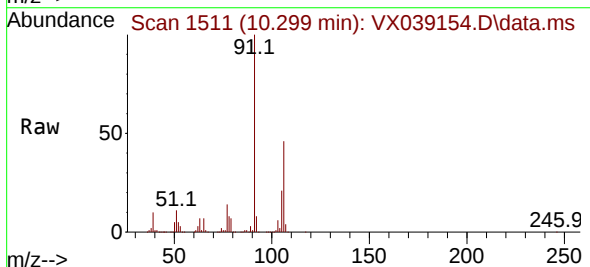
Manual Integrations
APPROVED

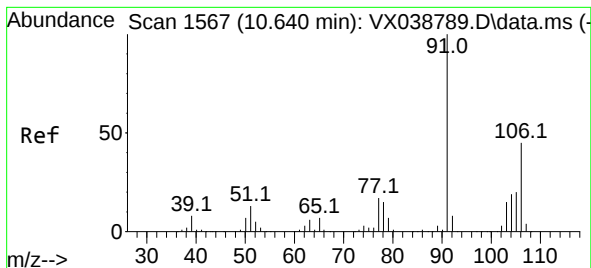
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#68
m/p-Xylenes
Concen: 104.480 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:106 Resp: 342716
Ion Ratio Lower Upper
106 100
91 218.1 165.5 248.3





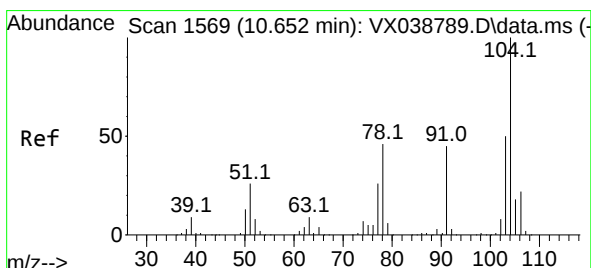
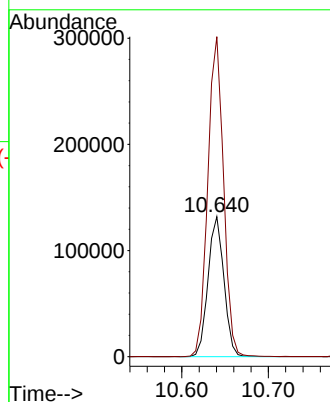
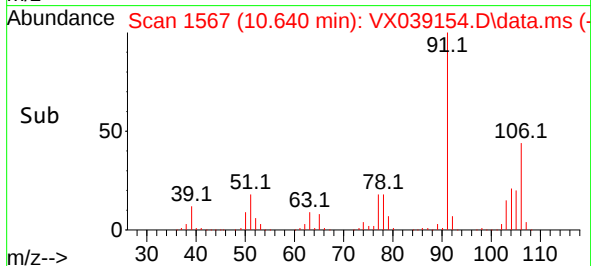
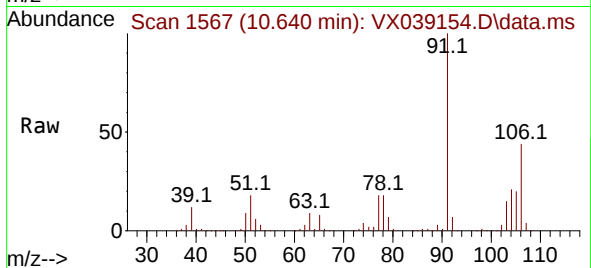
#69
o-Xylene
Concen: 51.862 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 168330
Ion Ratio Lower Upper
106 100
91 226.2 108.9 326.8

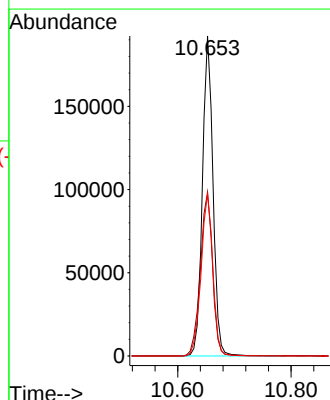
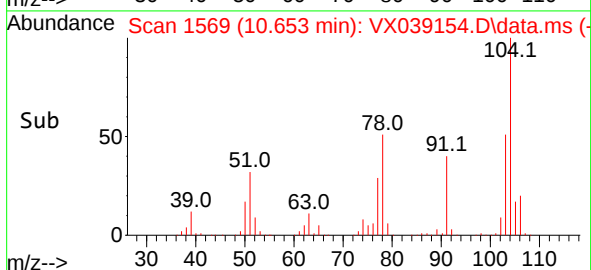
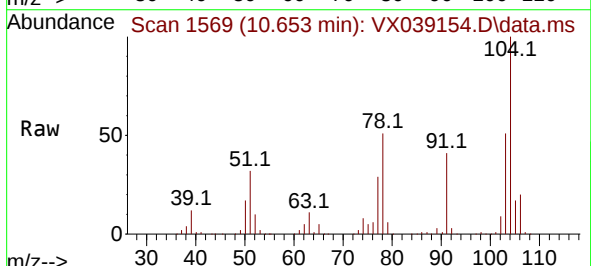
Manual Integrations
APPROVED

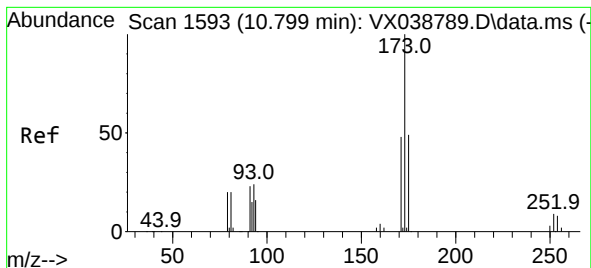
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#70
Styrene
Concen: 45.366 ug/l
RT: 10.653 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

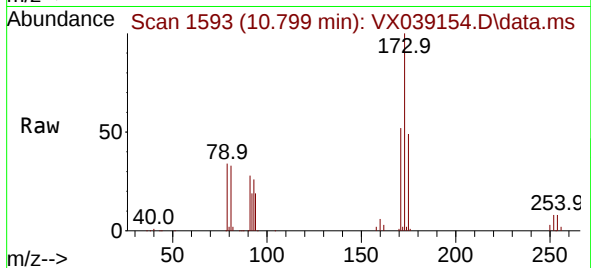
Tgt Ion:104 Resp: 248677
Ion Ratio Lower Upper
104 100
78 58.9 43.6 65.4
103 56.5 43.6 65.4





#71
Bromoform
Concen: 51.020 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

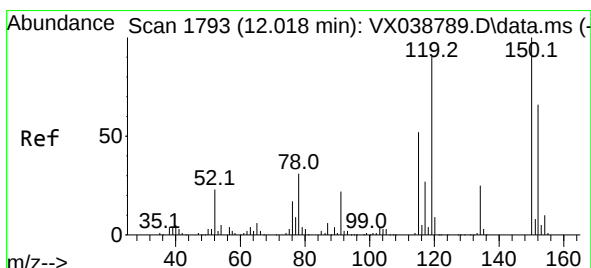
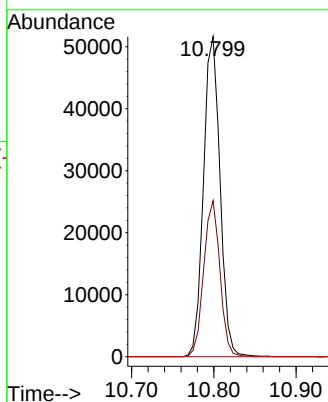
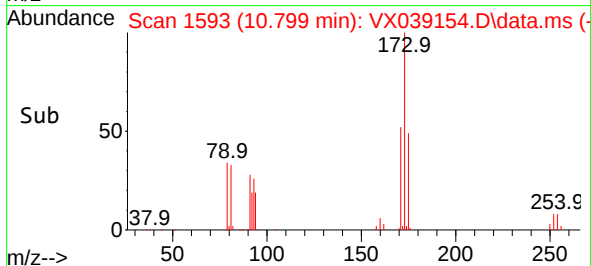
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



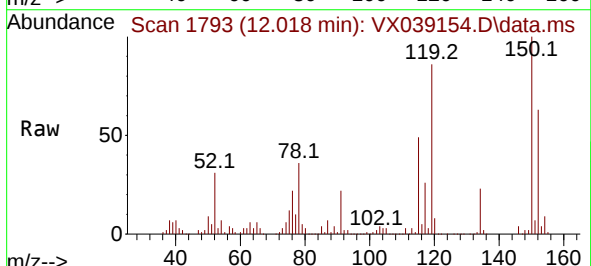
Tgt Ion:173 Resp: 7221
Ion Ratio Lower Upper
173 100
175 47.8 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

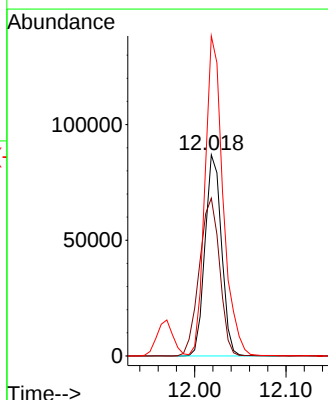
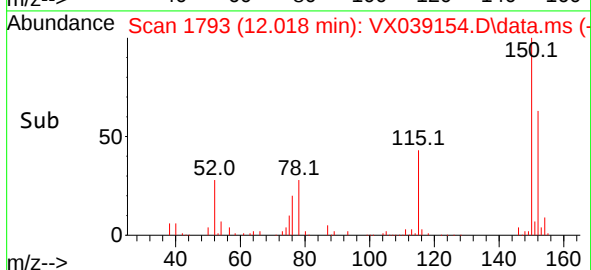
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

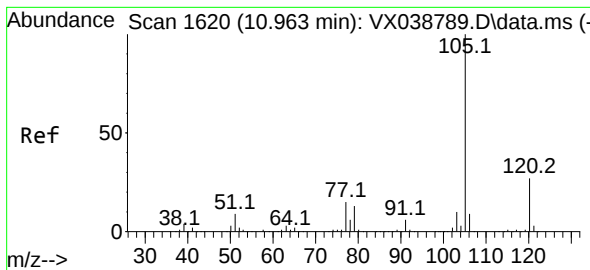


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



Tgt Ion:152 Resp: 108691
Ion Ratio Lower Upper
152 100
115 96.6 43.3 129.9
150 173.4 0.0 345.0





#73

Isopropylbenzene

Concen: 53.636 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 454210

Ion Ratio Lower Upper

105 100

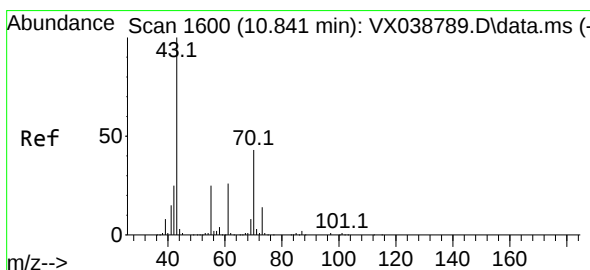
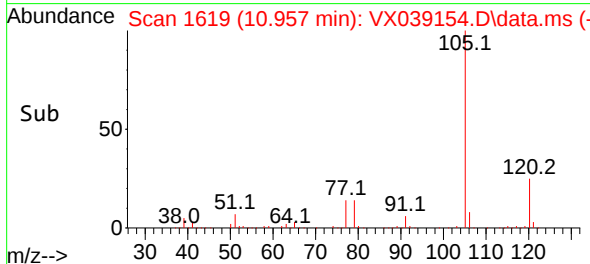
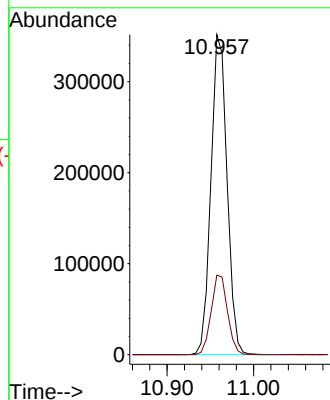
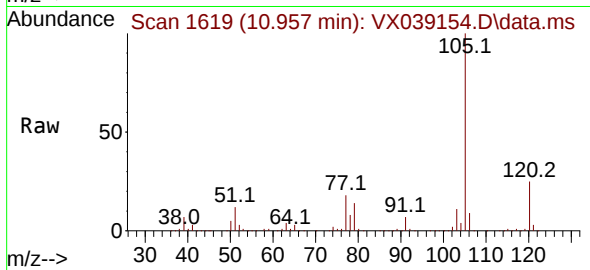
120 25.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#74

N-ethyl acetate

Concen: 52.189 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion: 43 Resp: 233632

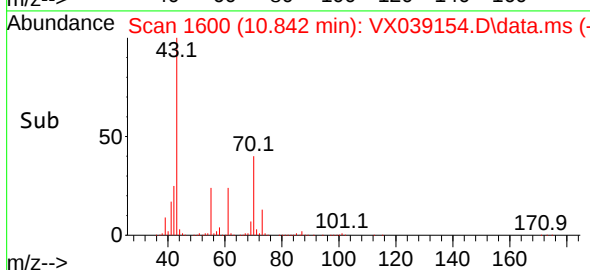
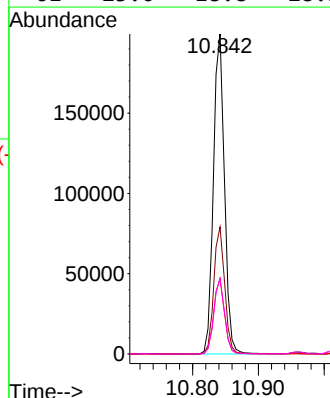
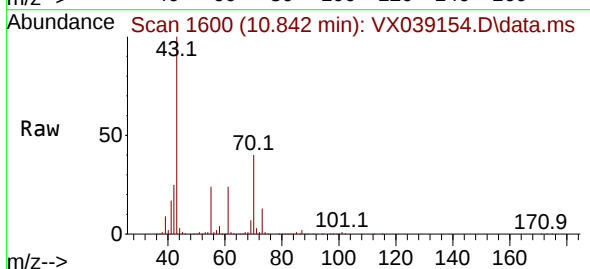
Ion Ratio Lower Upper

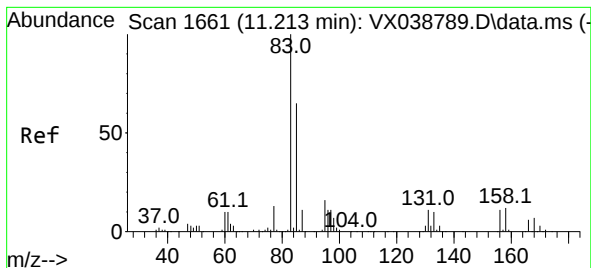
43 100

70 39.2 32.9 49.3

55 23.1 19.3 28.9

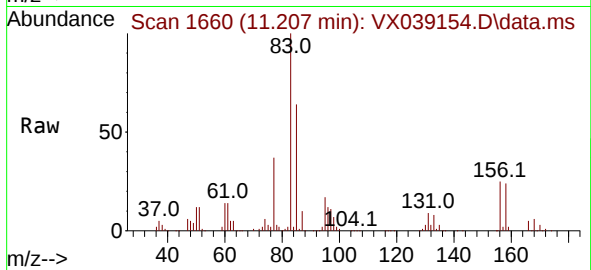
61 23.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 50.012 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

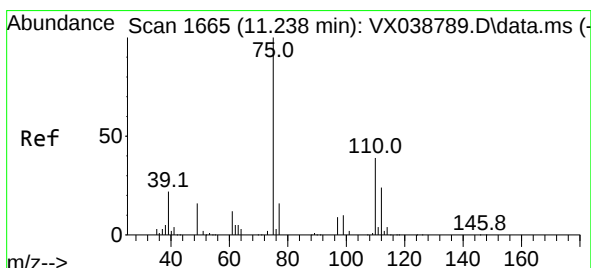
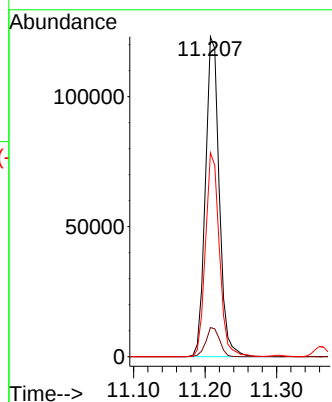
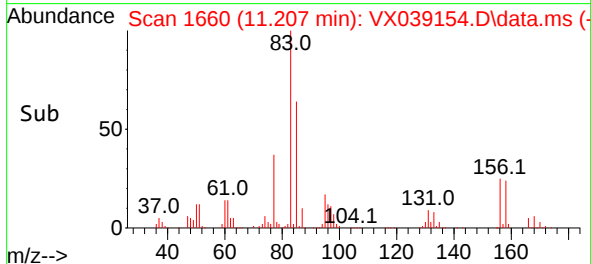
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



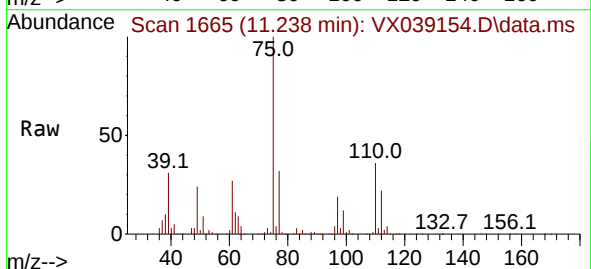
Tgt Ion: 83 Resp: 165330
Ion Ratio Lower Upper
83 100
131 9.1 5.3 15.8
85 64.2 32.0 96.2

Manual Integrations
APPROVED

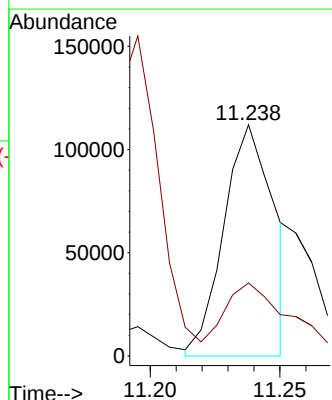
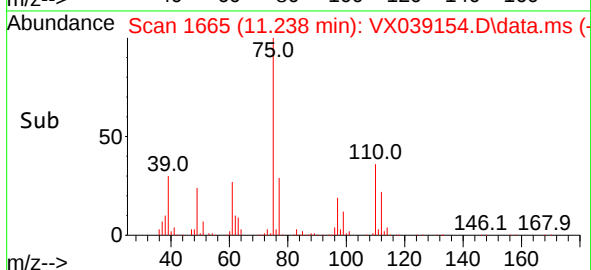
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

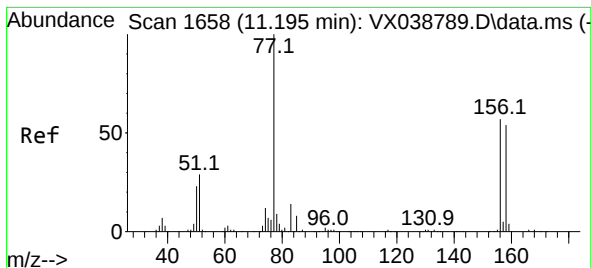


#76
1,2,3-Trichloropropane
Concen: 55.131 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



Tgt Ion: 75 Resp: 149505
Ion Ratio Lower Upper
75 100
77 41.9 19.1 57.5





#77

Bromobenzene

Concen: 52.312 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

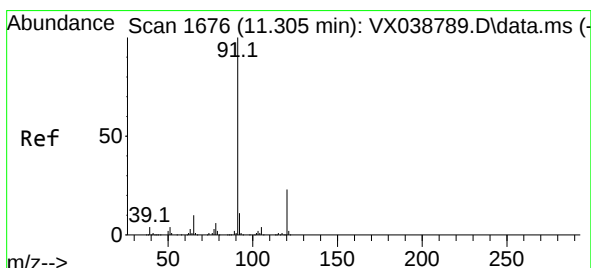
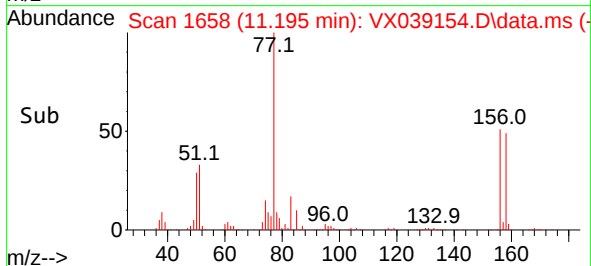
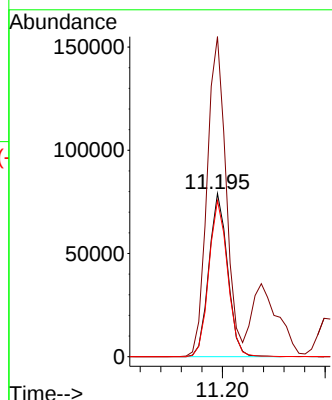
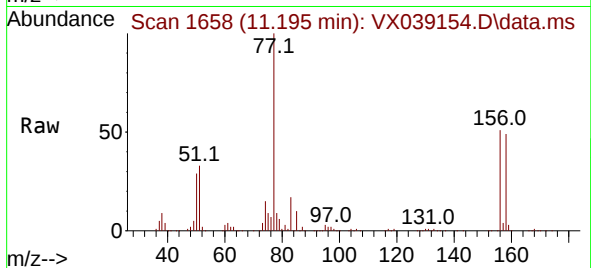
Tgt Ion:	156	Resp:	9954
Ion Ratio	Lower	Upper	
156	100		
77	199.9	88.4	265.3
158	96.4	48.0	144.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#78

n-propylbenzene

Concen: 54.165 ug/l

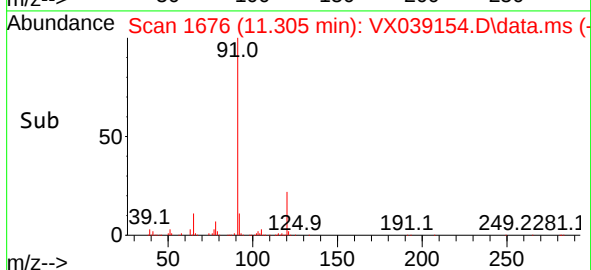
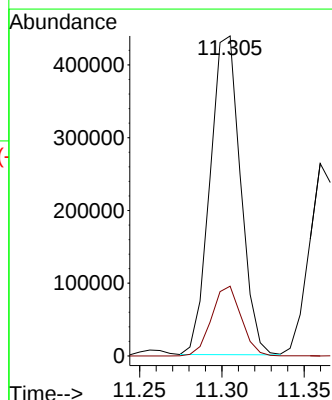
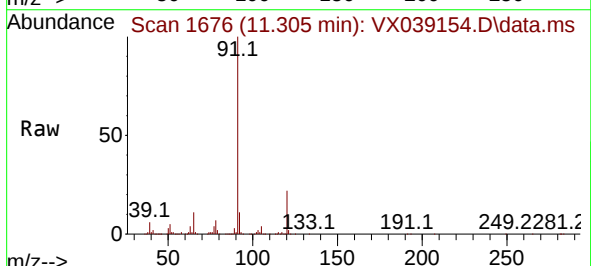
RT: 11.305 min Scan# 1676

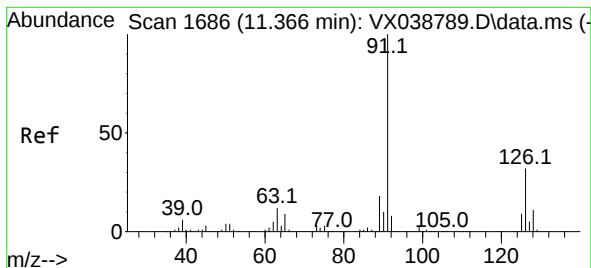
Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion:	91	Resp:	564610
Ion Ratio	Lower	Upper	
91	100		
120	21.4	11.5	34.4





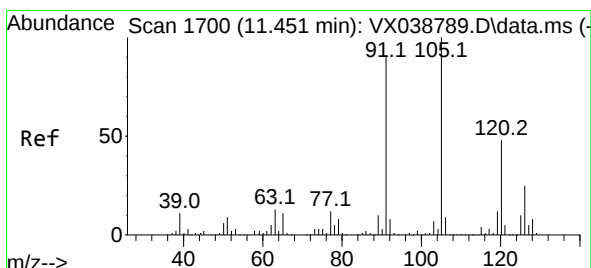
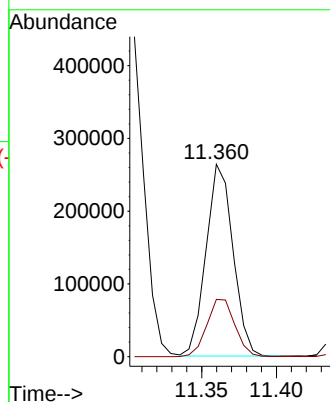
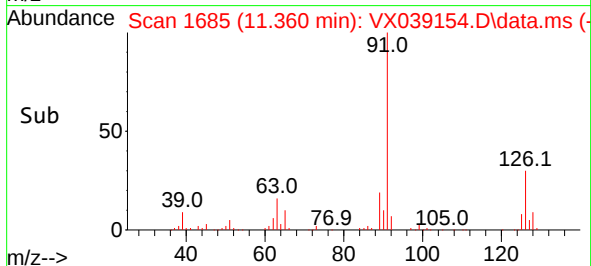
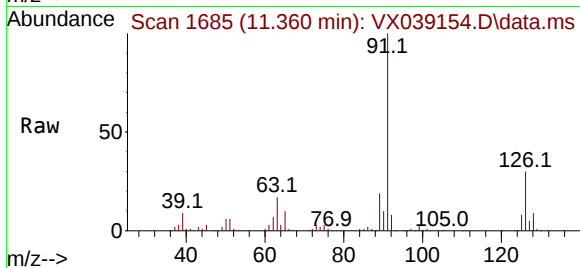
#79
2-Chlorotoluene
Concen: 53.509 ug/l
RT: 11.360 min Scan# 1686
Delta R.T. -0.006 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 331018
Ion Ratio Lower Upper
91 100
126 31.3 16.3 48.8

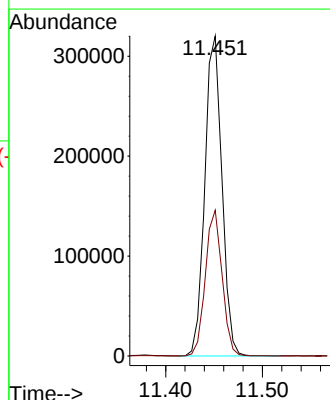
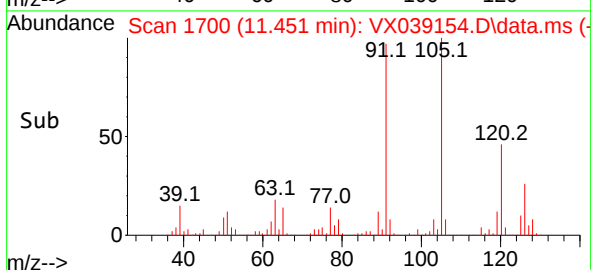
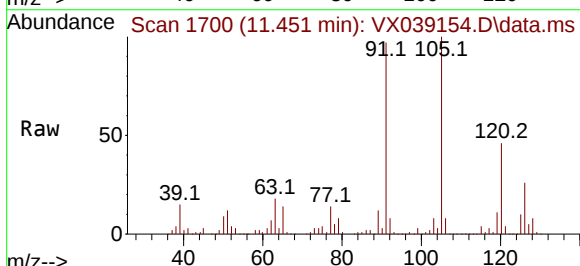
Manual Integrations
APPROVED

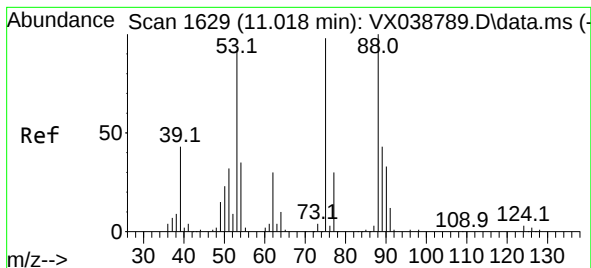
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 55.434 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Tgt Ion:105 Resp: 394717
Ion Ratio Lower Upper
105 100
120 44.6 24.1 72.3





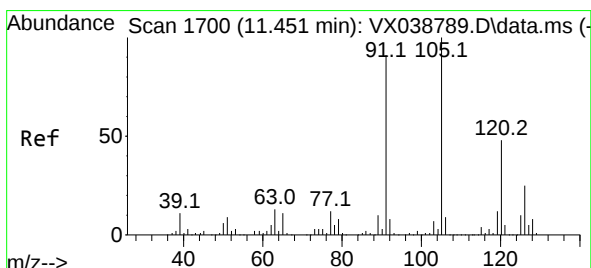
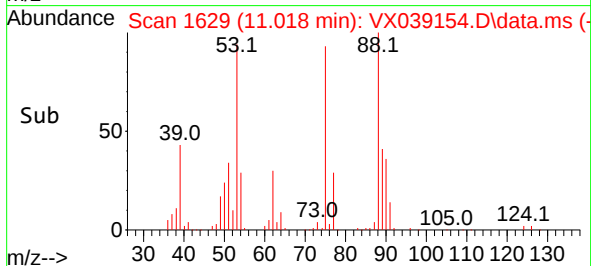
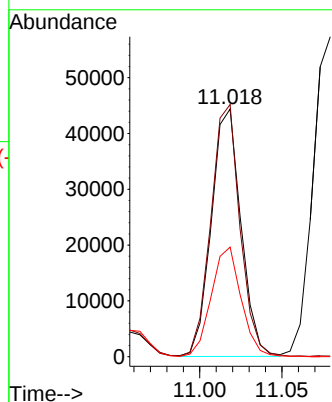
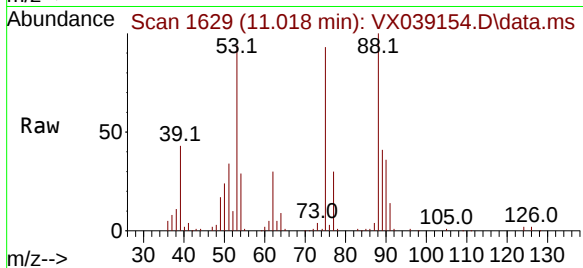
#81
trans-1,4-Dichloro-2-butene
Concen: 45.331 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5542
Ion Ratio Lower Upper
75 100
53 100.3 90.5 135.7
89 44.9 36.9 55.3

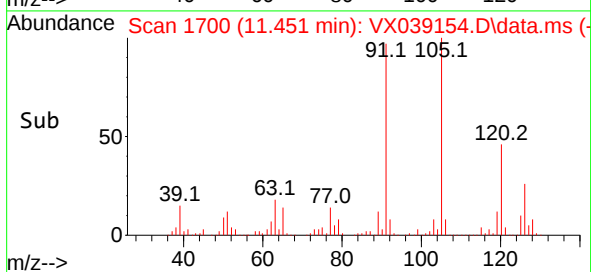
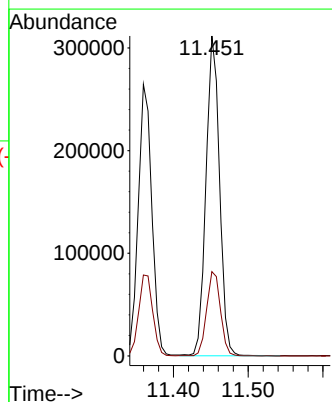
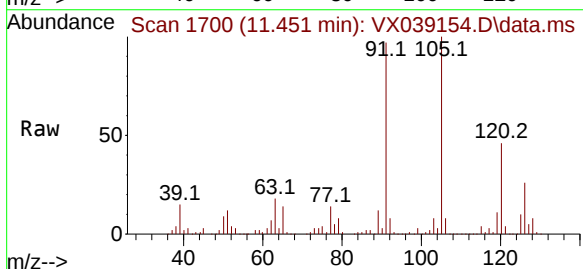
Manual Integrations
APPROVED

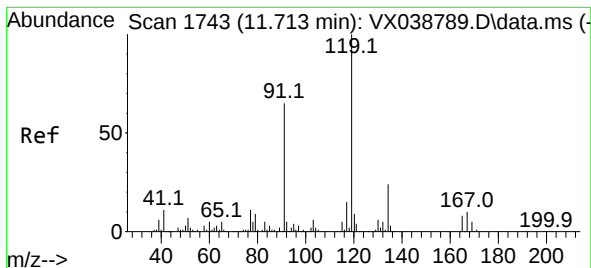
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#82
4-Chlorotoluene
Concen: 54.978 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

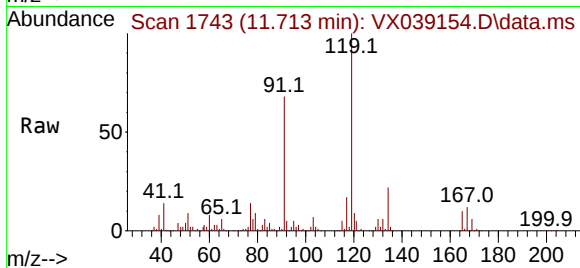
Tgt Ion: 91 Resp: 392160
Ion Ratio Lower Upper
91 100
126 26.9 14.2 42.6





#83
tert-Butylbenzene
Concen: 53.068 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

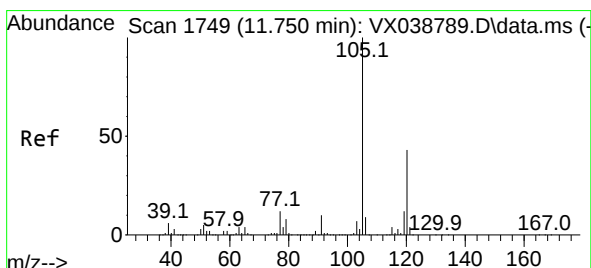
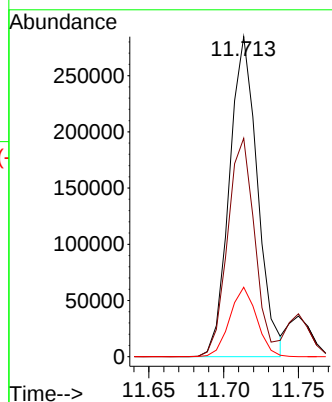
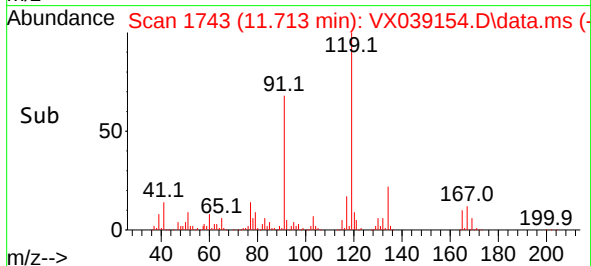
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 372150
Ion Ratio Lower Upper
119 100
91 66.8 31.2 93.6
134 20.9 11.7 35.0

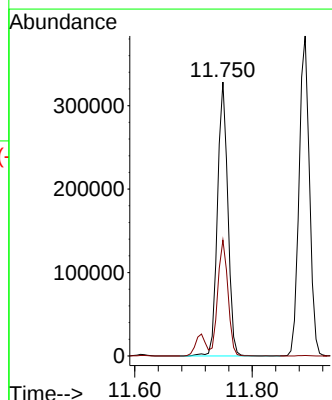
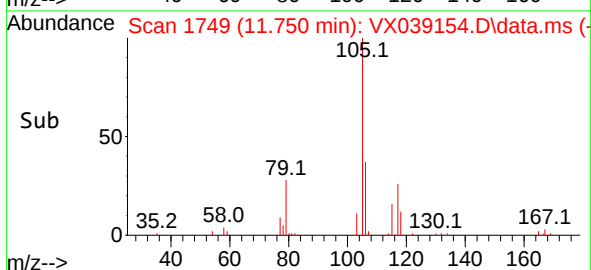
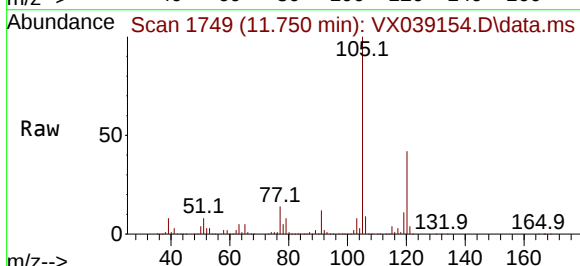
Manual Integrations
APPROVED

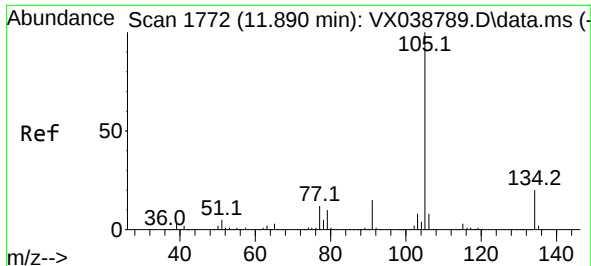
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 55.343 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

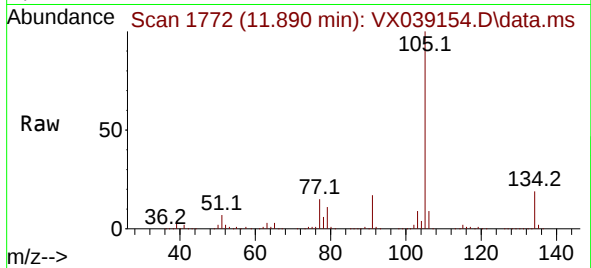
Tgt Ion:105 Resp: 398864
Ion Ratio Lower Upper
105 100
120 41.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 51.250 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17

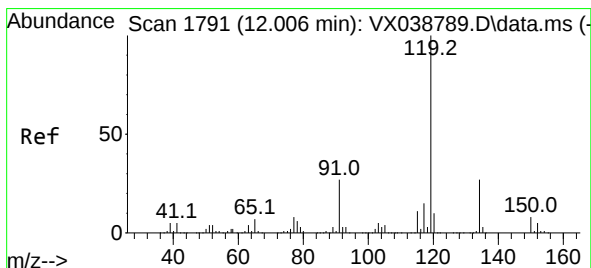
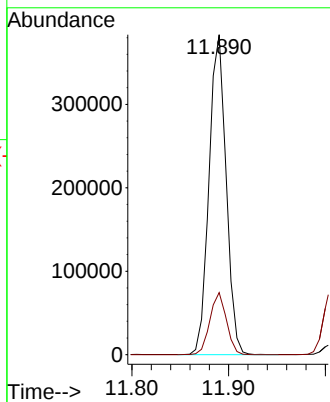
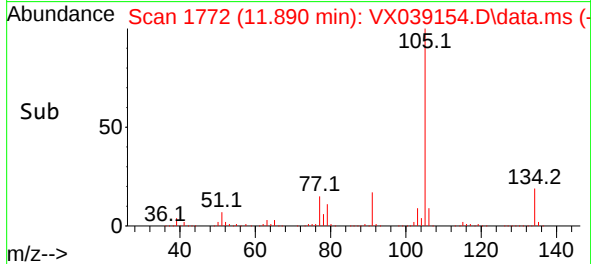
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



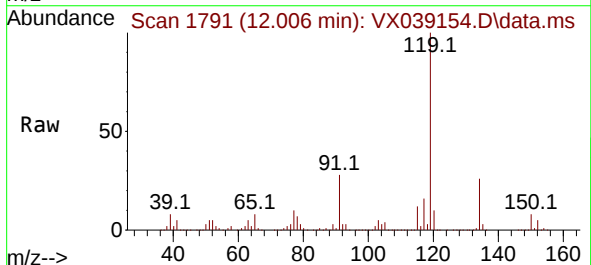
Tgt Ion:105 Resp: 47011
 Ion Ratio Lower Upper
 105 100
 134 18.8 9.8 29.4

Manual Integrations
 APPROVED

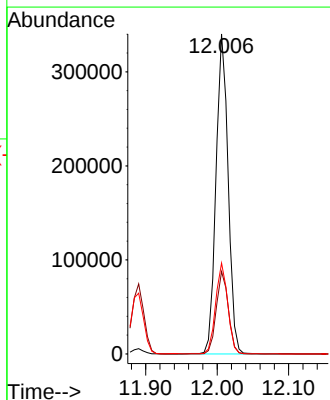
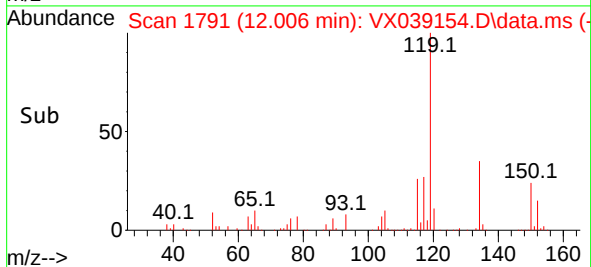
Reviewed By :John Carlone 12/13/2023
 Supervised By :Mahesh Dadoda 12/13/2023

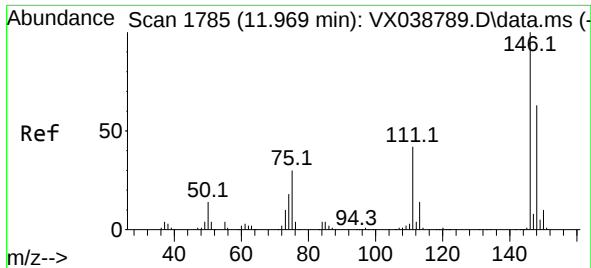


#86
 p-Isopropyltoluene
 Concen: 54.364 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039154.D
 Acq: 12 Dec 2023 09:17



Tgt Ion:119 Resp: 400313
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 28.3 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 52.011 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 193800

Ion Ratio Lower Upper

146 100

111 46.3 22.1 66.1

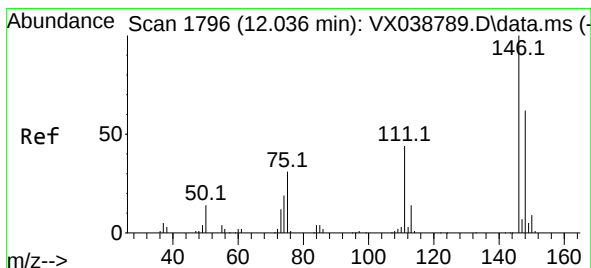
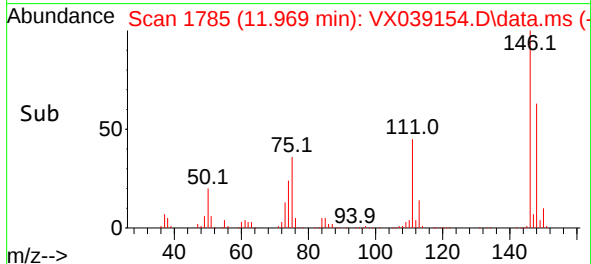
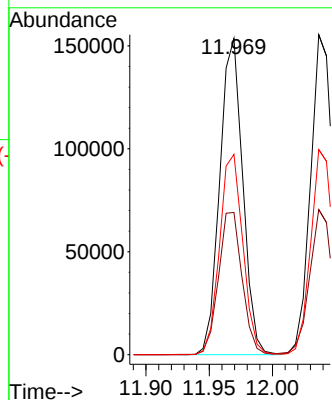
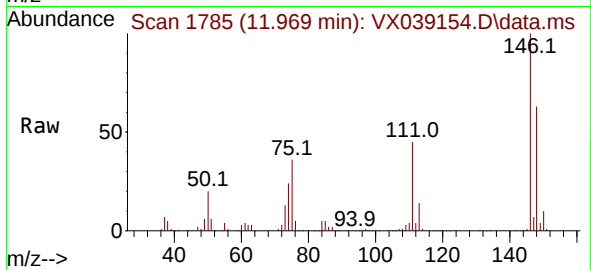
148 64.2 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#88

1,4-Dichlorobenzene

Concen: 50.917 ug/l

RT: 12.037 min Scan# 1796

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

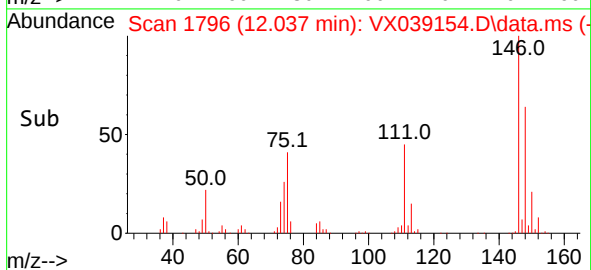
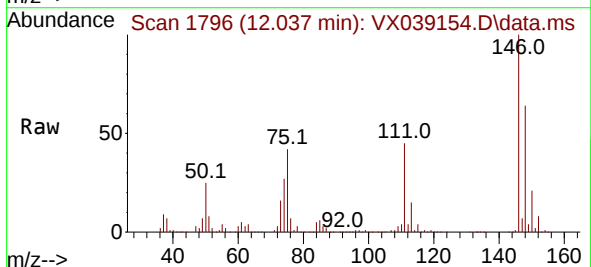
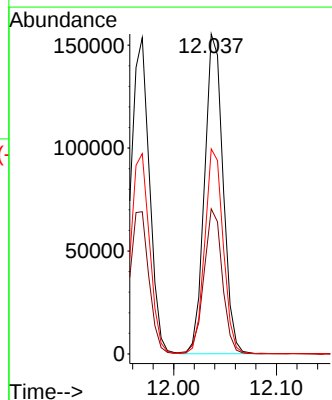
Tgt Ion:146 Resp: 194187

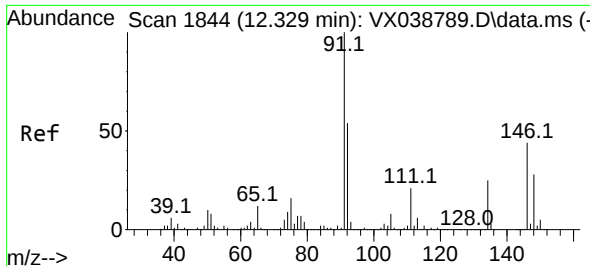
Ion Ratio Lower Upper

146 100

111 45.2 21.3 63.7

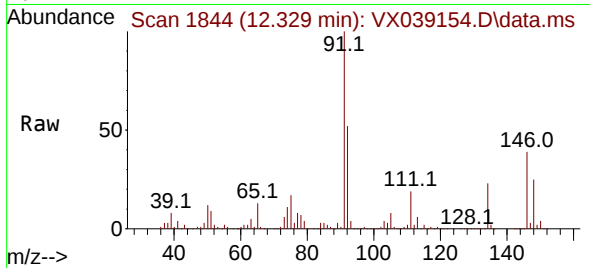
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 54.682 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

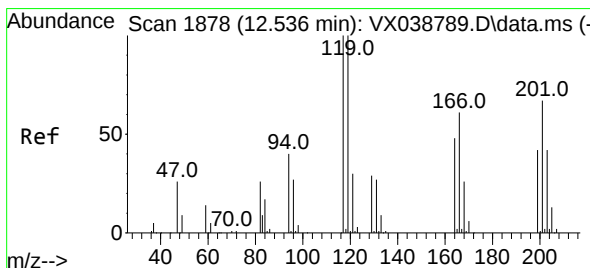
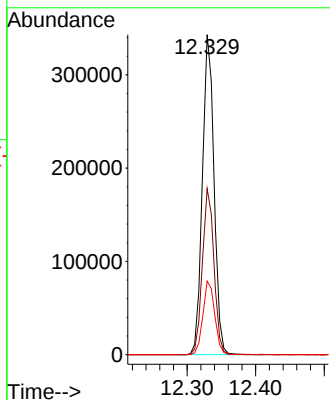
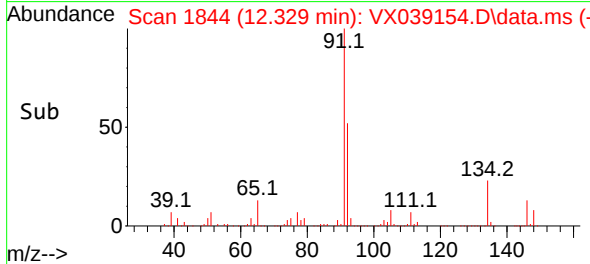
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 406250
Ion Ratio Lower Upper
91 100
92 51.7 27.4 82.0
134 23.4 12.6 37.8

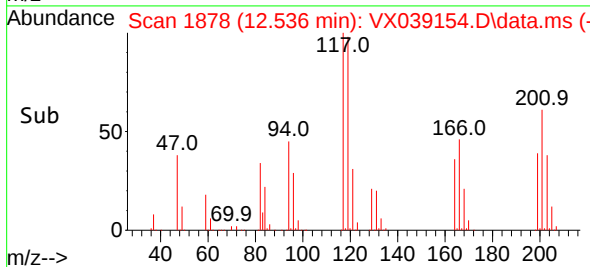
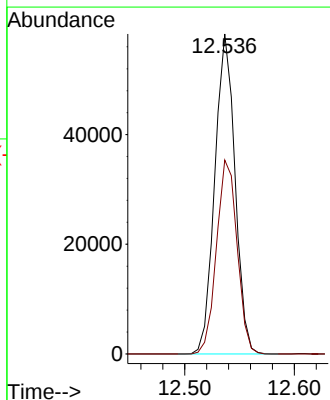
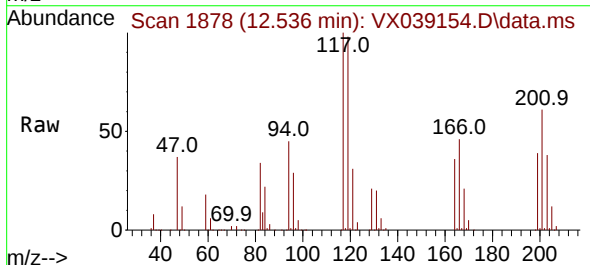
Manual Integrations
APPROVED

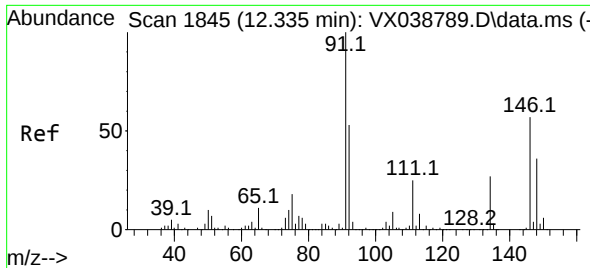
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023



#90
Hexachloroethane
Concen: 50.874 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

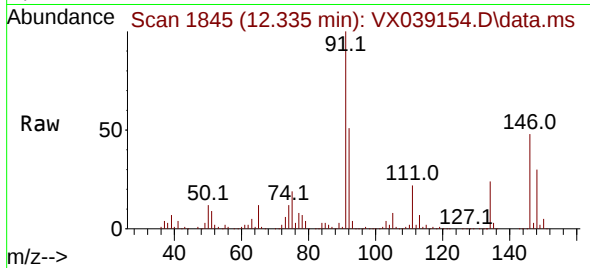
Tgt Ion:117 Resp: 74810
Ion Ratio Lower Upper
117 100
201 61.8 32.9 98.6





#91
1,2-Dichlorobenzene
Concen: 51.838 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17

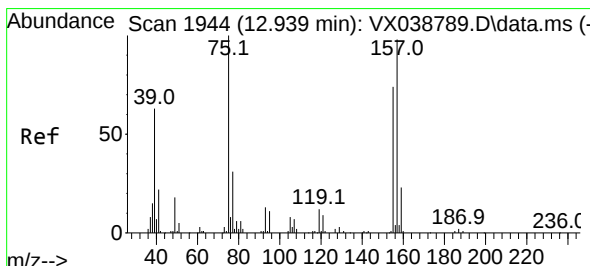
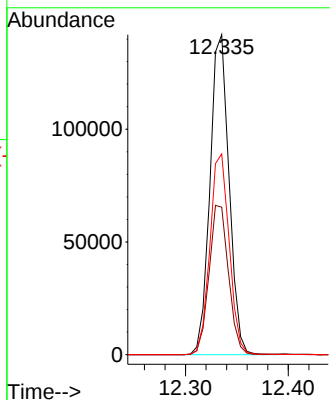
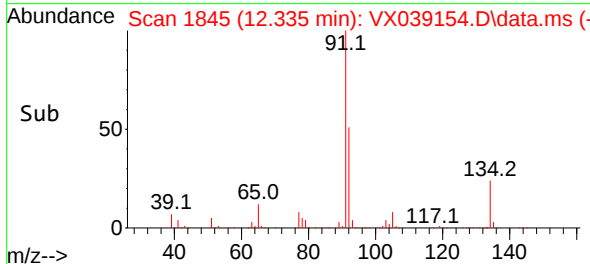
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



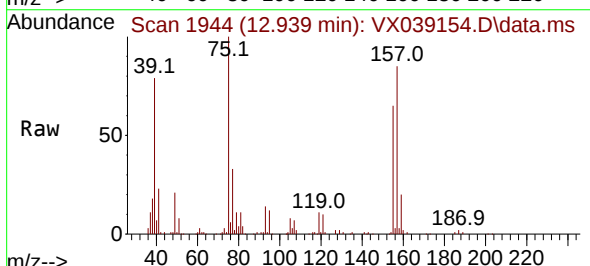
Tgt Ion:146 Resp: 183208
Ion Ratio Lower Upper
146 100
111 47.7 22.4 67.0
148 63.7 31.6 95.0

Manual Integrations
APPROVED

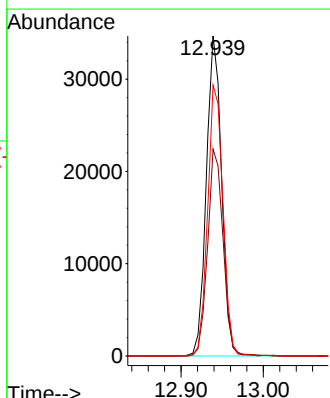
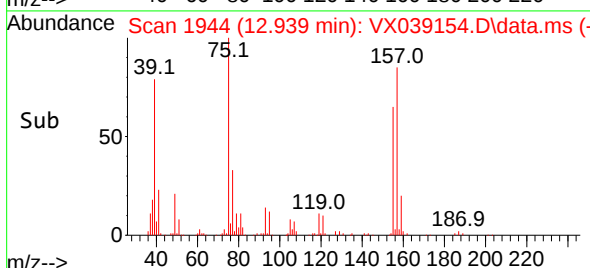
Reviewed By :John Carlone 12/13/2023
Supervised By :Mahesh Dadoda 12/13/2023

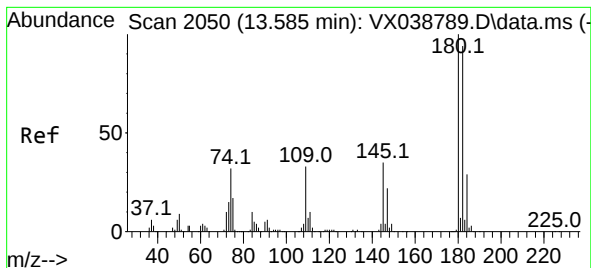


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.372 ug/l
RT: 12.939 min Scan# 1944
Delta R.T. 0.000 min
Lab File: VX039154.D
Acq: 12 Dec 2023 09:17



Tgt Ion: 75 Resp: 44848
Ion Ratio Lower Upper
75 100
155 65.0 36.1 108.5
157 84.7 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 52.760 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

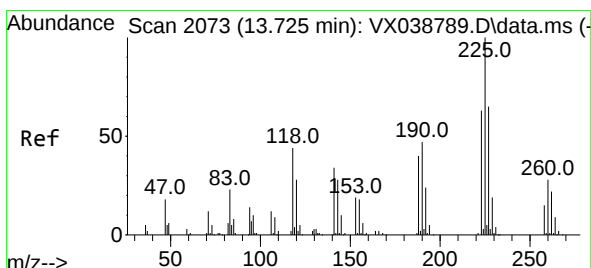
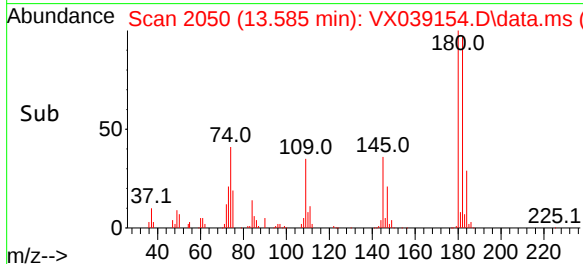
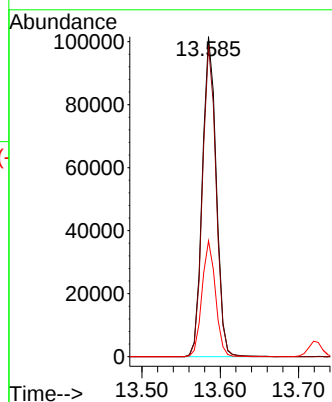
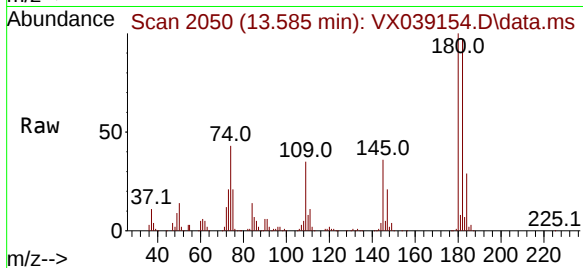
Tgt Ion:180	Resp: 12495
Ion Ratio	Lower Upper
180 100	
182 95.7	48.3 144.8
145 35.1	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#94

Hexachlorobutadiene

Concen: 57.726 ug/l

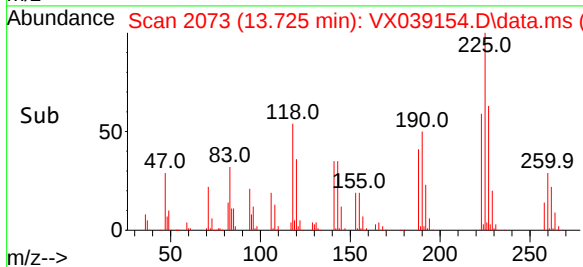
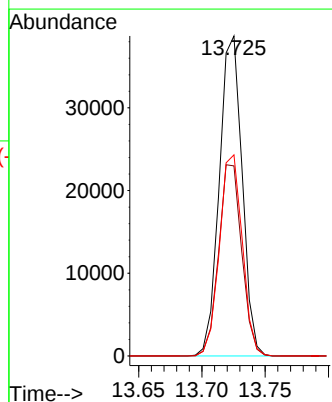
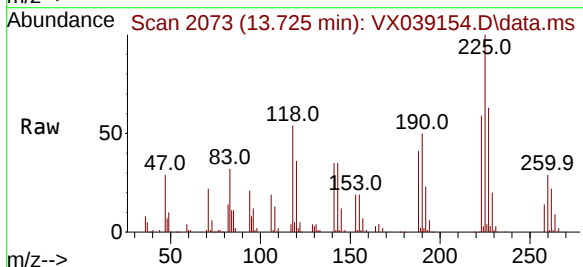
RT: 13.725 min Scan# 2073

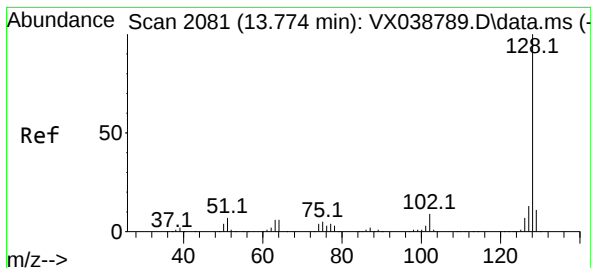
Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion:225	Resp: 48415
Ion Ratio	Lower Upper
225 100	
223 60.7	31.1 93.2
227 63.1	32.5 97.5





#95

Naphthalene

Concen: 50.072 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 441670

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

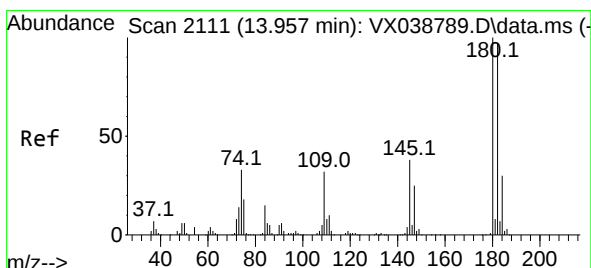
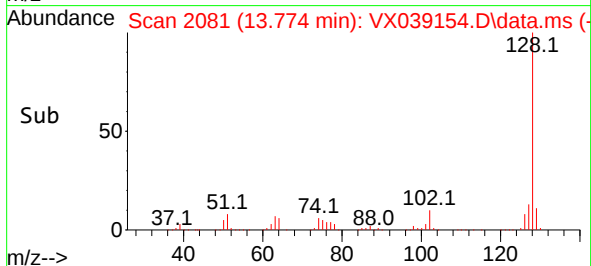
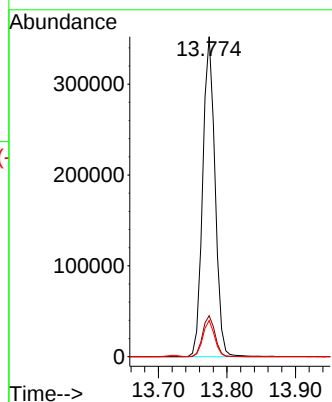
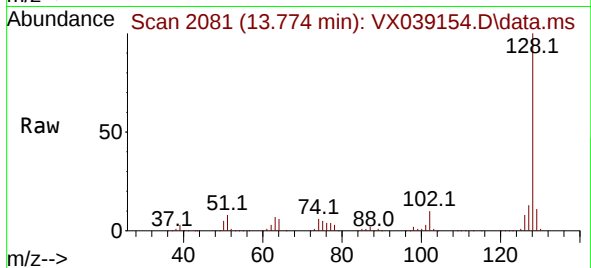
129 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/13/2023

Supervised By :Mahesh Dadoda 12/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.727 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039154.D

Acq: 12 Dec 2023 09:17

Tgt Ion:180 Resp: 120623

Ion Ratio Lower Upper

180 100

182 93.3 46.9 140.6

145 37.5 17.8 53.5

