

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037656.D
 Acq On : 12 Sep 2023 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 10:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	205524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	349175	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	334489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	179746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	159215	47.881	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.760%			
35) Dibromofluoromethane	5.385	113	129332	52.256	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	8.647	98	498407	53.395	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 106.800%			
62) 4-Bromofluorobenzene	11.079	95	193428	57.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	117139	53.307	ug/l	99
3) Chloromethane	1.301	50	120870	46.898	ug/l	98
4) Vinyl Chloride	1.374	62	135292	47.699	ug/l	100
5) Bromomethane	1.599	94	108304	44.838	ug/l	99
6) Chloroethane	1.678	64	83874	43.490	ug/l	96
7) Trichlorofluoromethane	1.880	101	238614	49.603	ug/l	100
8) Diethyl Ether	2.136	74	86068	44.274	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.325	101	111374	52.344	ug/l	100
10) Methyl Iodide	2.447	142	134186	53.053	ug/l	94
11) Tert butyl alcohol	2.965	59	161265	233.572	ug/l #	93
12) 1,1-Dichloroethene	2.319	96	103295	49.417	ug/l	89
13) Acrolein	2.233	56	134436	247.445	ug/l	99
14) Allyl chloride	2.660	41	184877	49.704	ug/l	96
15) Acrylonitrile	3.062	53	353977	226.353	ug/l	99
16) Acetone	2.380	43	382730	278.429	ug/l	92
17) Carbon Disulfide	2.508	76	266484	49.456	ug/l	98
18) Methyl Acetate	2.703	43	257364	44.672	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	403314	47.797	ug/l	99
20) Methylene Chloride	2.788	84	129526	49.804	ug/l	93
21) trans-1,2-Dichloroethene	3.087	96	119888	48.367	ug/l	92
22) Diisopropyl ether	3.757	45	392629	48.363	ug/l	92
23) Vinyl Acetate	3.721	43	1490374	250.215	ug/l	96
24) 1,1-Dichloroethane	3.605	63	231299	48.699	ug/l	99
25) 2-Butanone	4.550	43	522500	236.734	ug/l	95
26) 2,2-Dichloropropane	4.471	77	197956	60.193	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	145784	49.184	ug/l	94
28) Bromochloromethane	4.897	49	110044	45.692	ug/l	91
29) Tetrahydrofuran	5.001	42	319407	224.370	ug/l	92
30) Chloroform	5.093	83	248103	48.180	ug/l	98
31) Cyclohexane	5.470	56	202664	52.928	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	218195	50.446	ug/l	99
36) 1,1-Dichloropropene	5.690	75	179230	52.513	ug/l	98
37) Ethyl Acetate	4.708	43	194506	49.415	ug/l	99
38) Carbon Tetrachloride	5.672	117	188297	55.239	ug/l	98
39) Methylcyclohexane	7.379	83	232836	58.000	ug/l	92
40) Benzene	6.037	78	527384	50.817	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
 Data File : VX037656.D
 Acq On : 12 Sep 2023 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/13/2023
 Supervised By : Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 10:26:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 09:13:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	102894	49.203	ug/l	91
42) 1,2-Dichloroethane	6.086	62	197798	49.185	ug/l	98
43) Isopropyl Acetate	6.336	43	319403	51.332	ug/l	98
44) Trichloroethene	7.123	130	133968	52.891	ug/l	99
45) 1,2-Dichloropropane	7.427	63	139926	51.384	ug/l	98
46) Dibromomethane	7.580	93	100290	50.480	ug/l	97
47) Bromodichloromethane	7.818	83	193800	54.425	ug/l	99
48) Methyl methacrylate	7.690	41	154517	50.846	ug/l	89
49) 1,4-Dioxane	7.659	88	74799	988.196	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	1021539	248.999	ug/l	96
52) Toluene	8.720	92	351328	53.501	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	212633	59.080	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	227084	57.854	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	146319	51.818	ug/l	96
56) Ethyl methacrylate	9.116	69	228206	53.778	ug/l	93
57) 1,3-Dichloropropane	9.305	76	236833	50.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	552478	269.749	ug/l	99
59) 2-Hexanone	9.427	43	819209	260.330	ug/l	94
60) Dibromochloromethane	9.519	129	154683	56.438	ug/l	99
61) 1,2-Dibromoethane	9.610	107	157756	52.982	ug/l	99
64) Tetrachloroethene	9.275	164	116643	54.438	ug/l	97
65) Chlorobenzene	10.079	112	377650	52.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	139812	55.557	ug/l	98
67) Ethyl Benzene	10.195	91	693003	54.043	ug/l	99
68) m/p-Xylenes	10.299	106	541507	110.826	ug/l	98
69) o-Xylene	10.640	106	266222	54.948	ug/l	99
70) Styrene	10.652	104	447084	55.932	ug/l	96
71) Bromoform	10.799	173	114106	59.315	ug/l #	99
73) Isopropylbenzene	10.963	105	709991	52.488	ug/l	98
74) N-amyl acetate	10.841	43	301803	50.542	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	241687	47.125	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	195778m	48.184	ug/l	
77) Bromobenzene	11.195	156	167598	51.626	ug/l	93
78) n-propylbenzene	11.305	91	850106	54.452	ug/l	100
79) 2-Chlorotoluene	11.366	91	495957	51.656	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	611392	53.505	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	75747	58.267	ug/l	89
82) 4-Chlorotoluene	11.451	91	577294	52.829	ug/l	98
83) tert-Butylbenzene	11.713	119	608565	53.413	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	618001	53.849	ug/l	98
85) sec-Butylbenzene	11.890	105	781658	55.351	ug/l	100
86) p-Isopropyltoluene	12.006	119	657303	56.523	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	327829	53.150	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	322597	51.374	ug/l	98
89) n-Butylbenzene	12.329	91	609301	58.530	ug/l	97
90) Hexachloroethane	12.536	117	114099	58.034	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	320008	51.020	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	52332	48.584	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	201617	55.342	ug/l	96
94) Hexachlorobutadiene	13.725	225	88425	56.003	ug/l	99
95) Naphthalene	13.774	128	677902	51.405	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	199199	53.024	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091223\
Data File : VX037656.D
Acq On : 12 Sep 2023 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

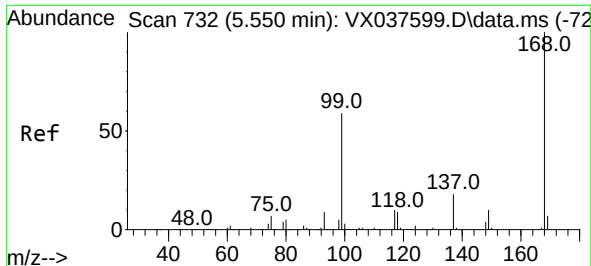
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

Quant Time: Sep 12 10:26:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 09:13:03 2023
Response via : Initial Calibration

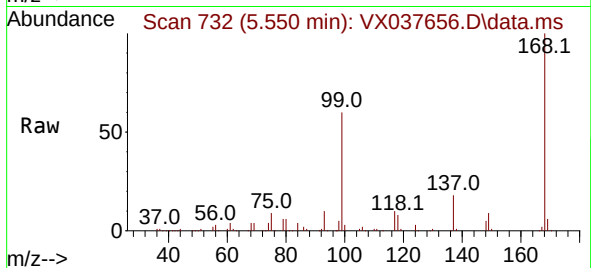
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

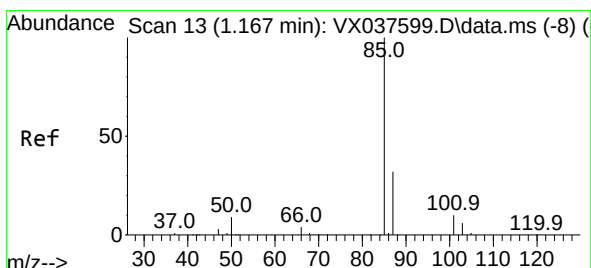
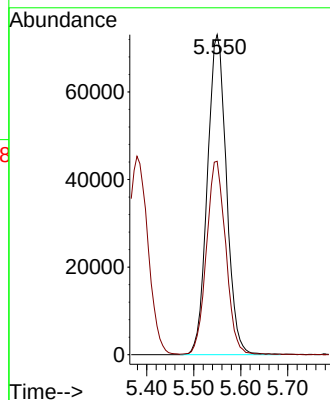
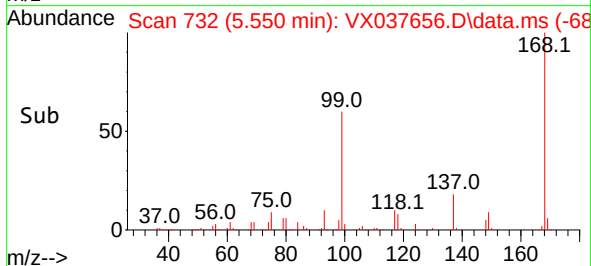
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



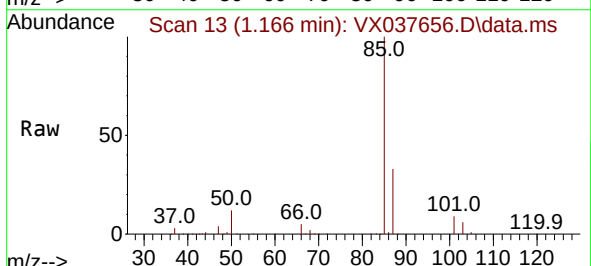
Tgt Ion:168 Resp: 205524
Ion Ratio Lower Upper
168 100
99 60.3 56.6 85.0

Manual Integrations
APPROVED

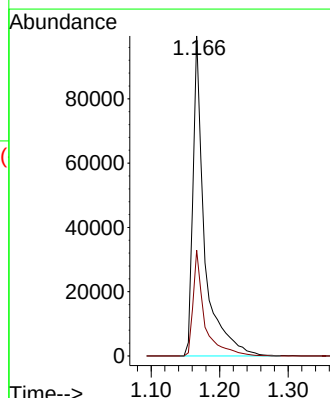
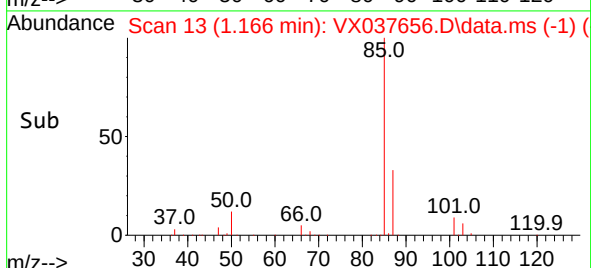
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

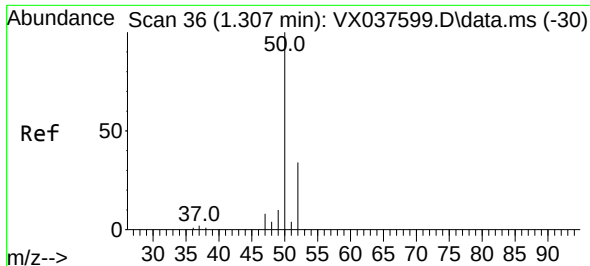


#2
Dichlorodifluoromethane
Concen: 53.307 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



Tgt Ion: 85 Resp: 117139
Ion Ratio Lower Upper
85 100
87 33.1 16.7 50.1





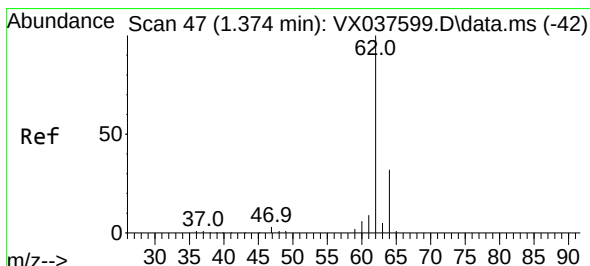
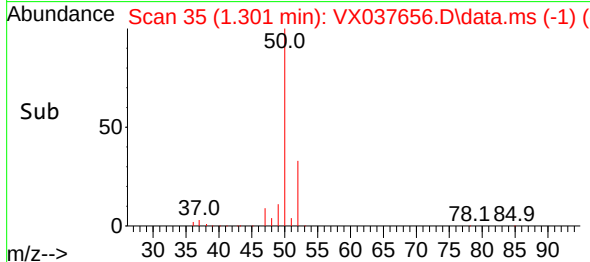
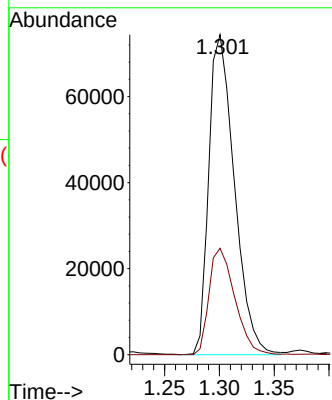
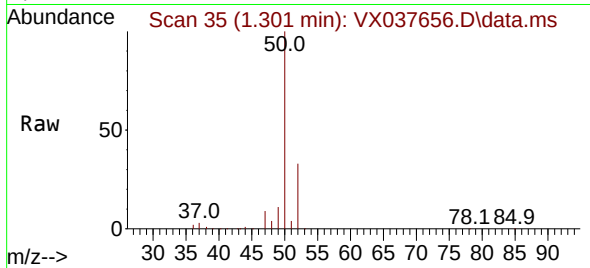
#3
Chloromethane
Concen: 46.898 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 120870
Ion Ratio Lower Upper
50 100
52 33.3 25.5 38.3

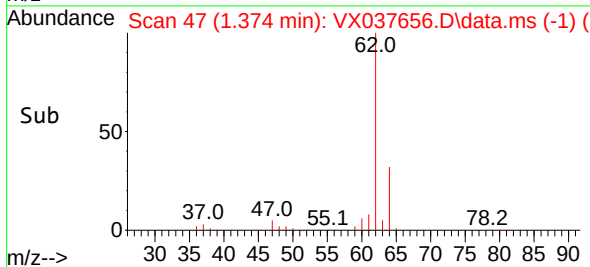
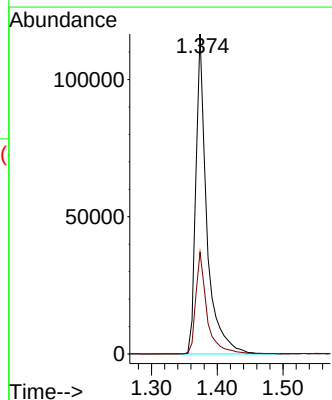
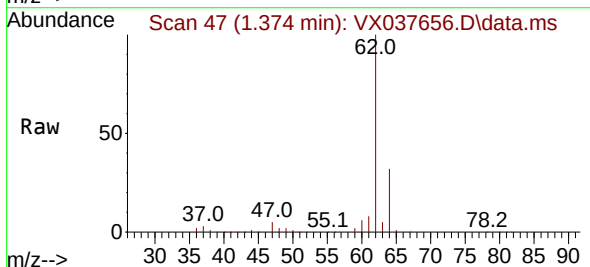
Manual Integrations
APPROVED

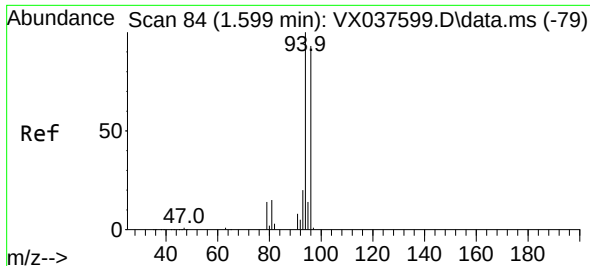
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#4
Vinyl Chloride
Concen: 47.699 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

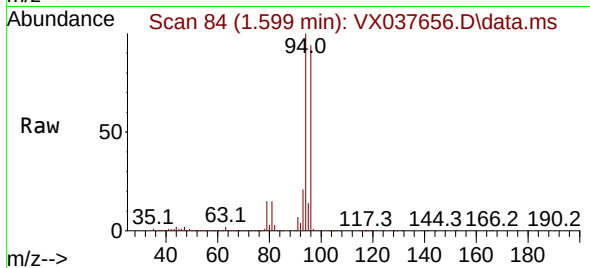
Tgt Ion: 62 Resp: 135292
Ion Ratio Lower Upper
62 100
64 31.7 25.4 38.0





#5
Bromomethane
Concen: 44.838 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

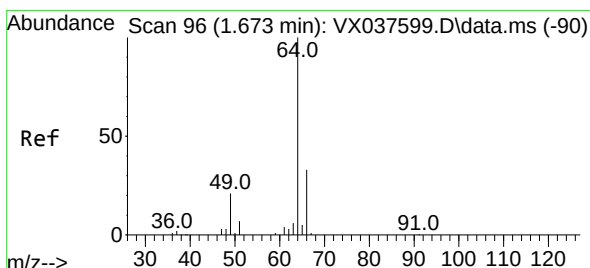
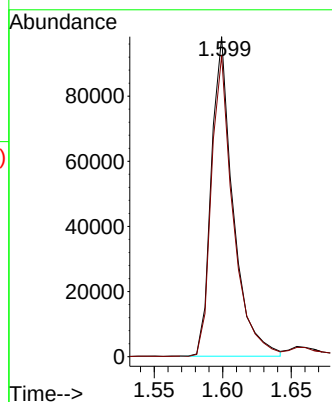
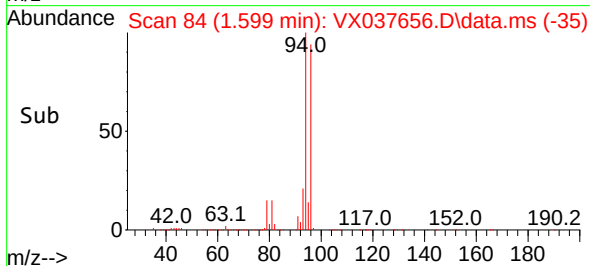
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 108304
Ion Ratio Lower Upper
94 100
96 94.1 74.6 111.8

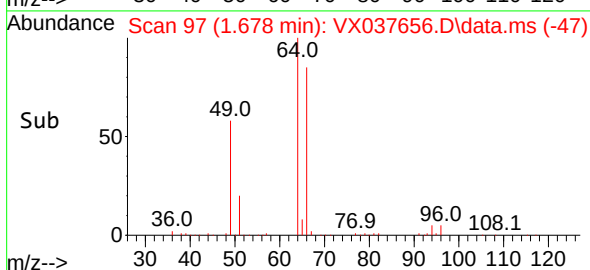
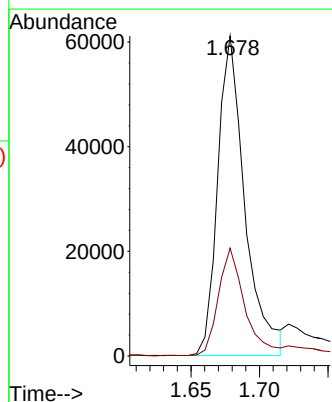
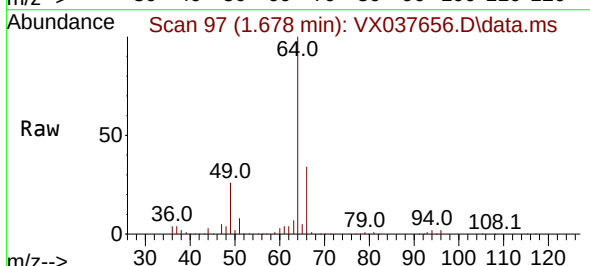
Manual Integrations
APPROVED

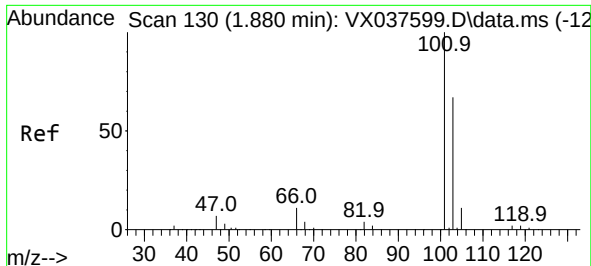
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#6
Chloroethane
Concen: 43.490 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.005 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

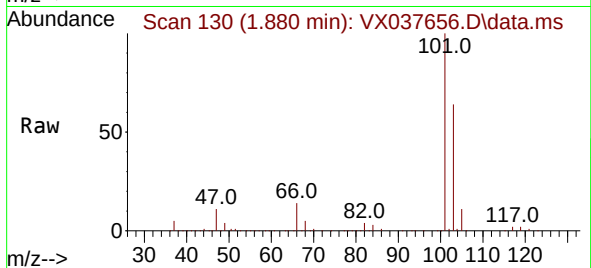
Tgt Ion: 64 Resp: 83874
Ion Ratio Lower Upper
64 100
66 33.6 25.1 37.7





#7
Trichlorofluoromethane
Concen: 49.603 ug/l
RT: 1.880 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

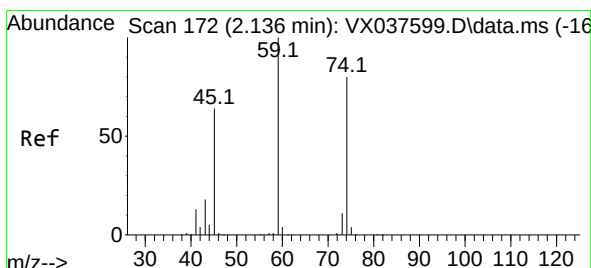
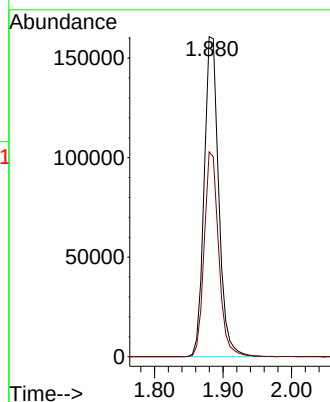
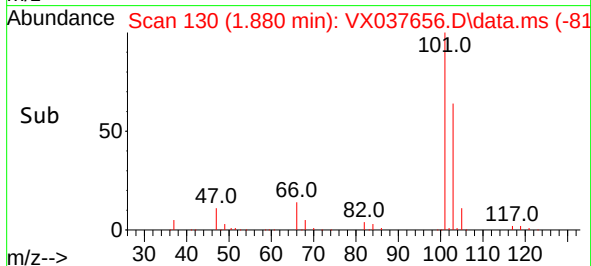
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 238614
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

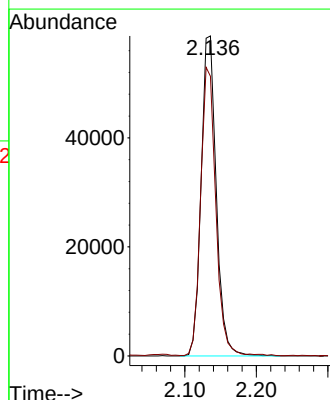
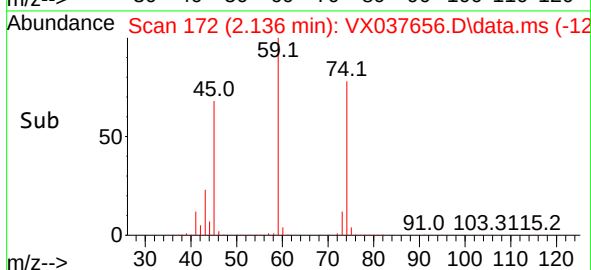
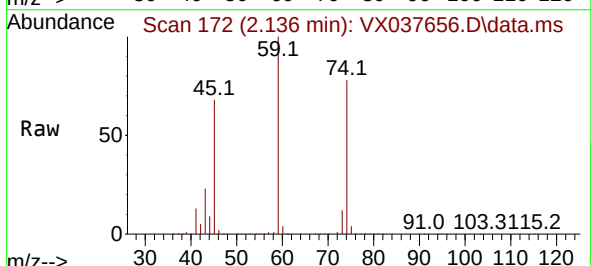
Manual Integrations
APPROVED

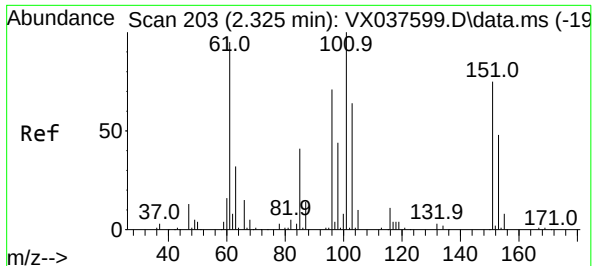
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#8
Diethyl Ether
Concen: 44.274 ug/l
RT: 2.136 min Scan# 172
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 74 Resp: 86068
Ion Ratio Lower Upper
74 100
45 90.6 53.3 159.8





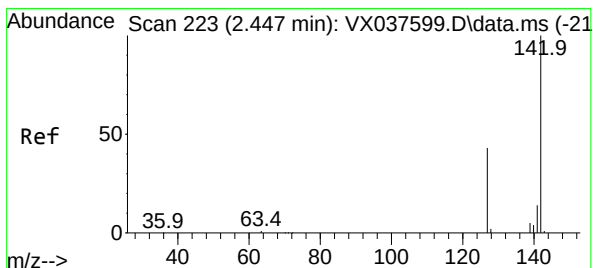
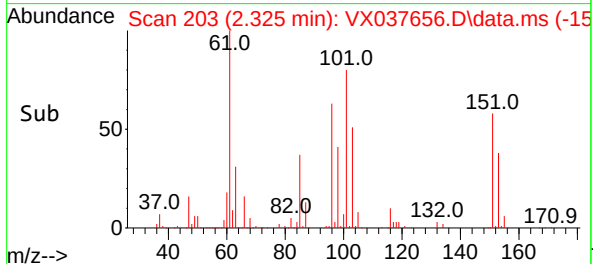
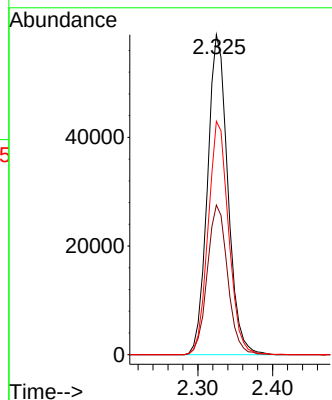
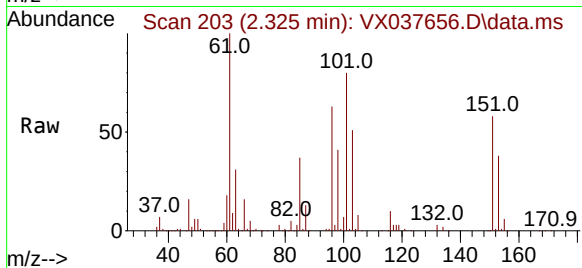
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.344 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 111374
Ion Ratio Lower Upper
101 100
85 46.9 37.0 55.6
151 73.4 58.6 87.8

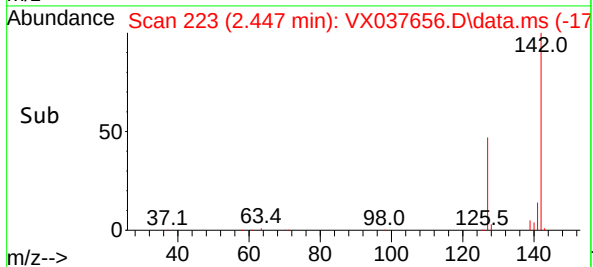
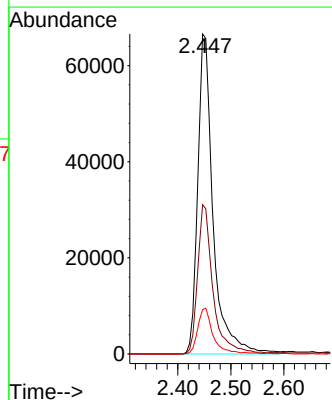
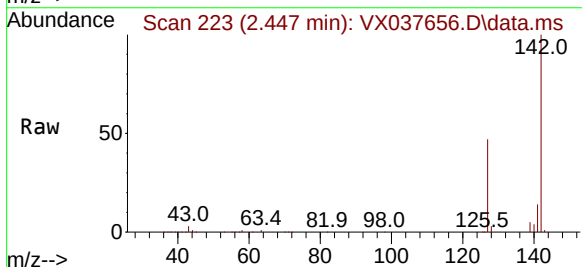
Manual Integrations
APPROVED

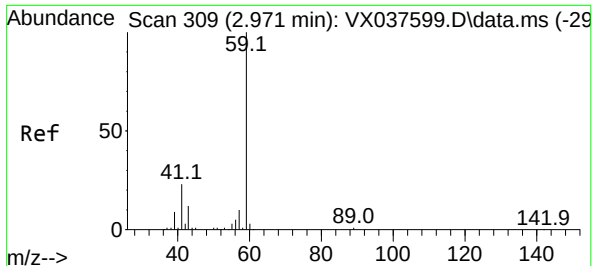
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#10
Methyl Iodide
Concen: 53.053 ug/l
RT: 2.447 min Scan# 223
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

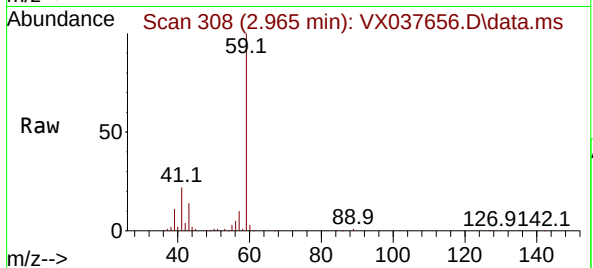
Tgt Ion:142 Resp: 134186
Ion Ratio Lower Upper
142 100
127 46.6 41.6 62.4
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 233.572 ug/l
RT: 2.965 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

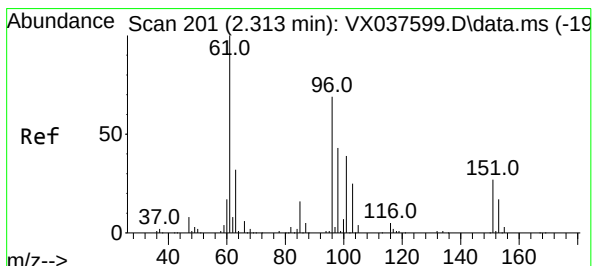
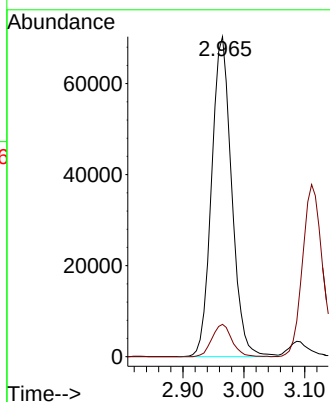
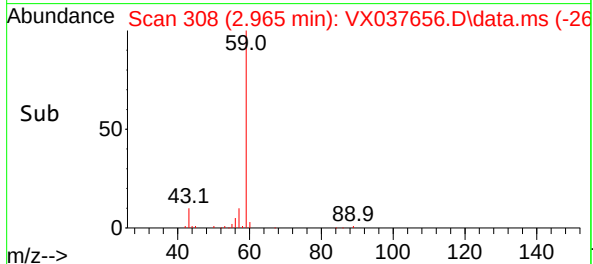
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



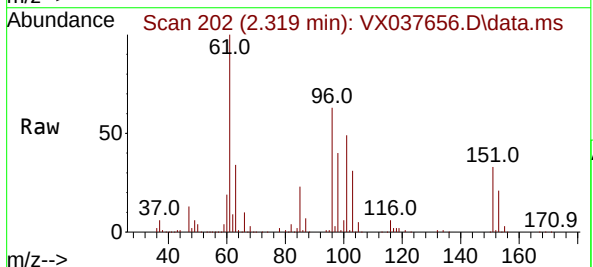
Tgt Ion: 59 Resp: 161265
Ion Ratio Lower Upper
59 100
57 10.1 6.0 9.0

Manual Integrations
APPROVED

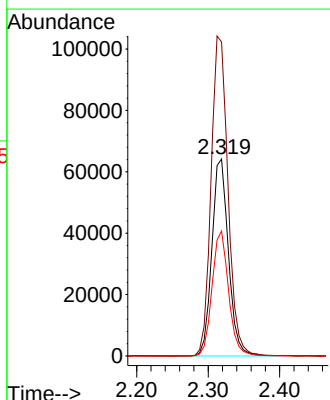
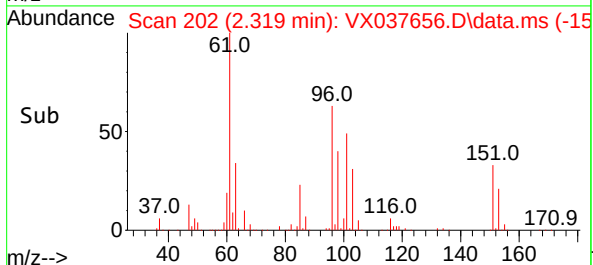
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

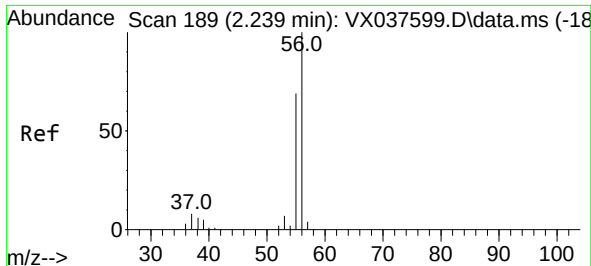


#12
1,1-Dichloroethene
Concen: 49.417 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



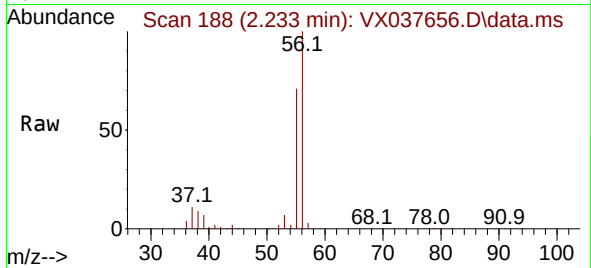
Tgt Ion: 96 Resp: 103295
Ion Ratio Lower Upper
96 100
61 159.4 144.6 216.8
98 63.5 50.4 75.6





#13
Acrolein
Concen: 247.445 ug/l
RT: 2.233 min Scan# 189
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

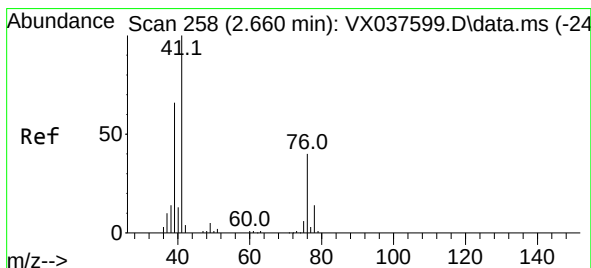
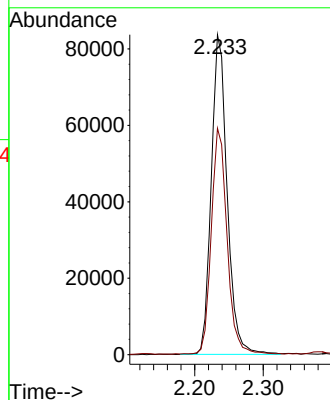
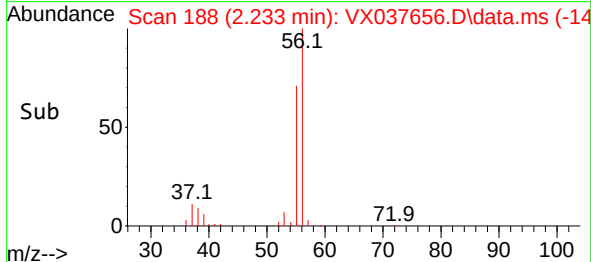
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 134436
Ion Ratio Lower Upper
56 100
55 70.5 57.1 85.7

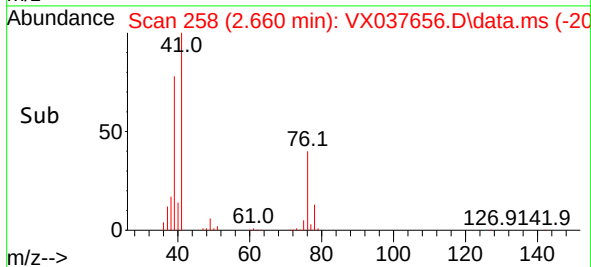
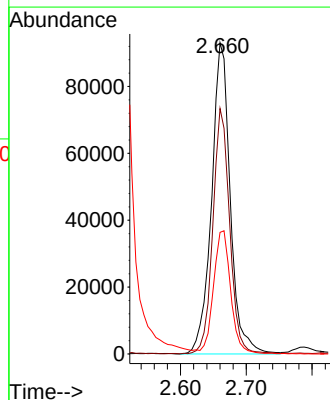
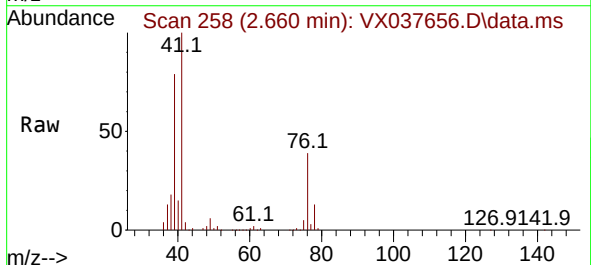
Manual Integrations
APPROVED

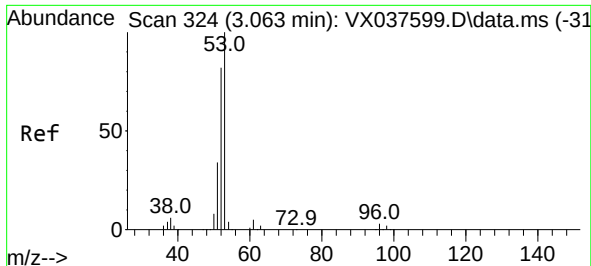
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#14
Allyl chloride
Concen: 49.704 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

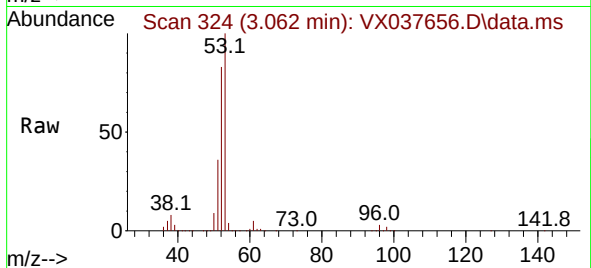
Tgt Ion: 41 Resp: 184877
Ion Ratio Lower Upper
41 100
39 70.5 55.8 83.6
76 36.4 24.3 36.5





#15
Acrylonitrile
Concen: 226.353 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

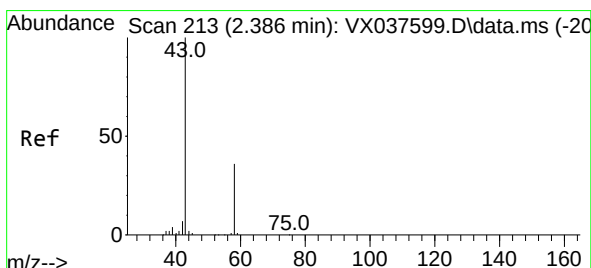
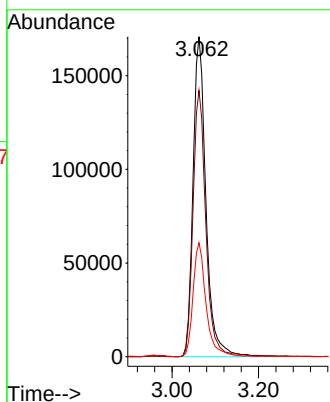
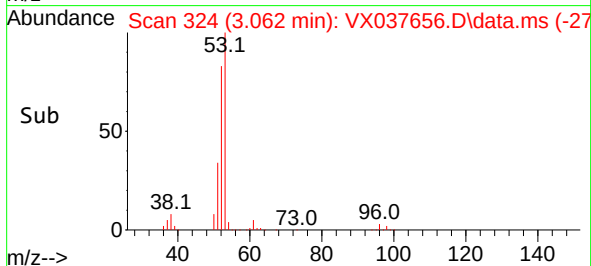
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



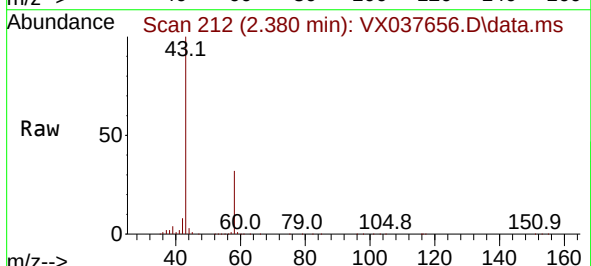
Tgt Ion: 53 Resp: 35397
Ion Ratio Lower Upper
53 100
52 82.7 66.0 99.0
51 35.9 29.8 44.6

Manual Integrations
APPROVED

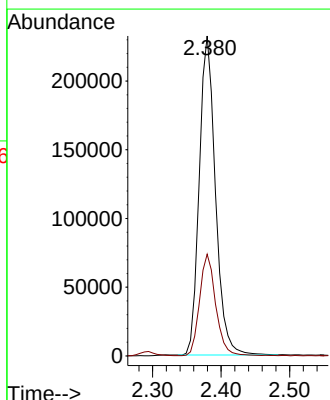
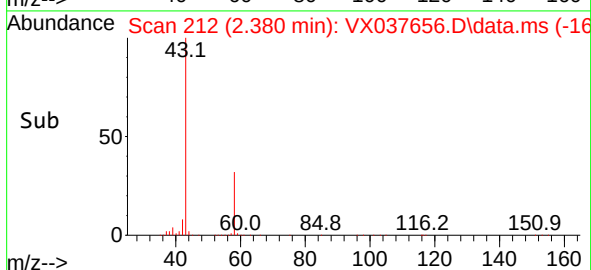
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

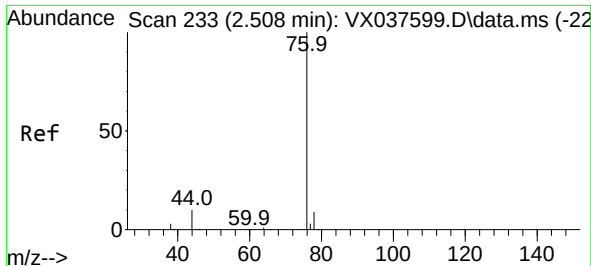


#16
Acetone
Concen: 278.429 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



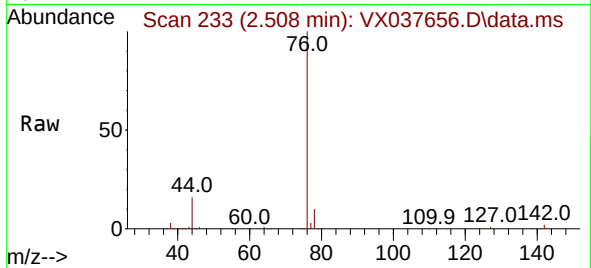
Tgt Ion: 43 Resp: 382730
Ion Ratio Lower Upper
43 100
58 31.8 21.9 32.9





#17
Carbon Disulfide
Concen: 49.456 ug/l
RT: 2.508 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

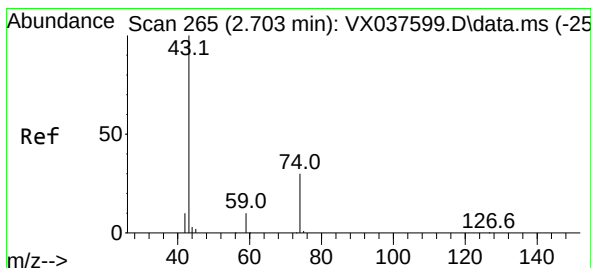
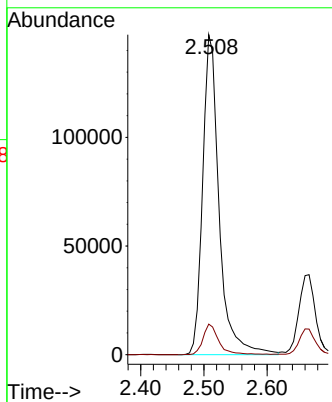
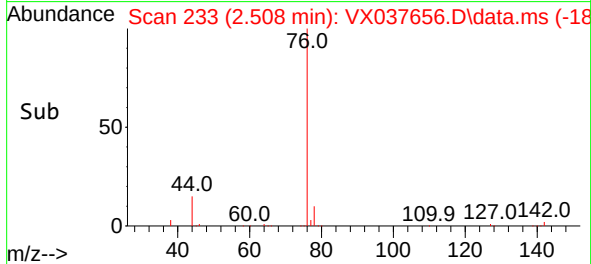
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 266484
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6

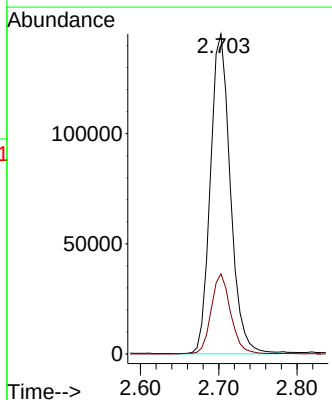
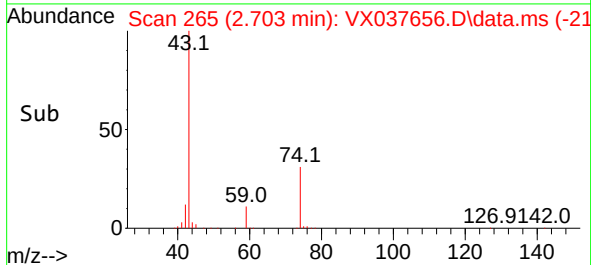
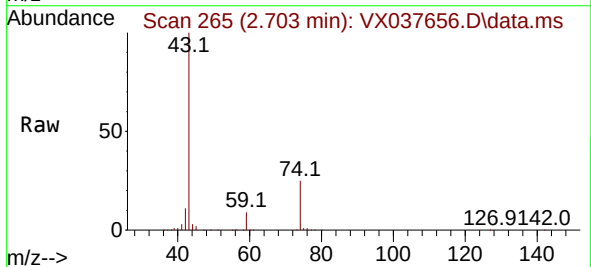
Manual Integrations
APPROVED

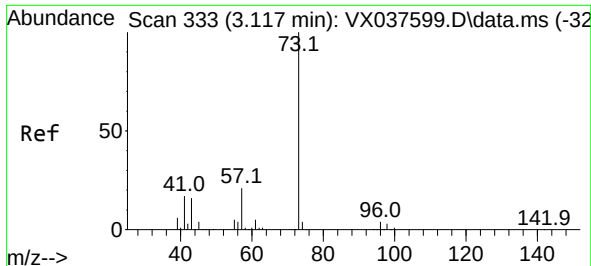
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#18
Methyl Acetate
Concen: 44.672 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

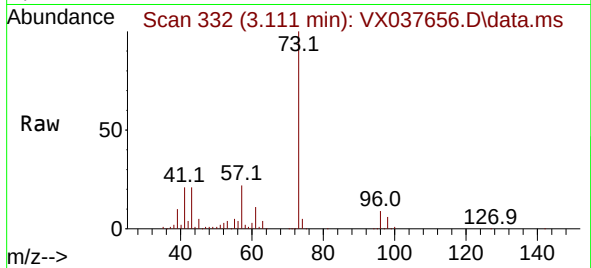
Tgt Ion: 43 Resp: 257364
Ion Ratio Lower Upper
43 100
74 24.7 17.8 26.8





#19
Methyl tert-butyl Ether
Concen: 47.797 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

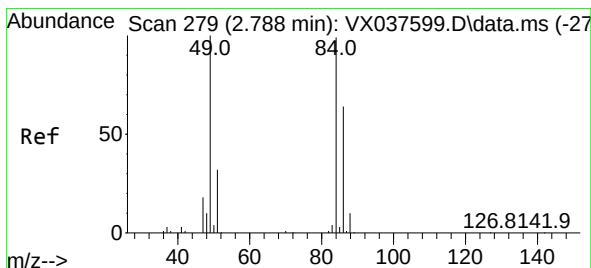
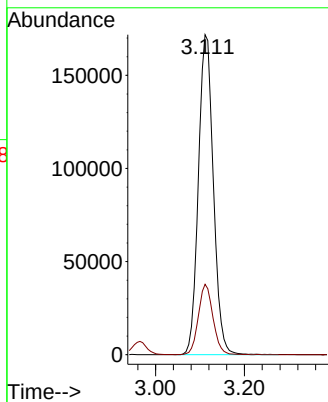
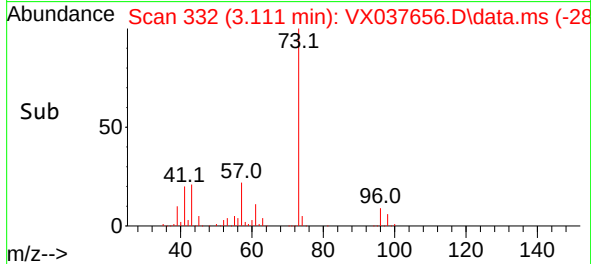
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 403314
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9

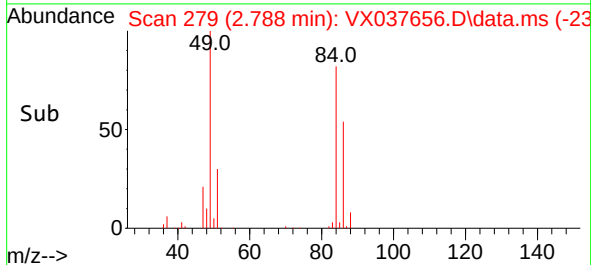
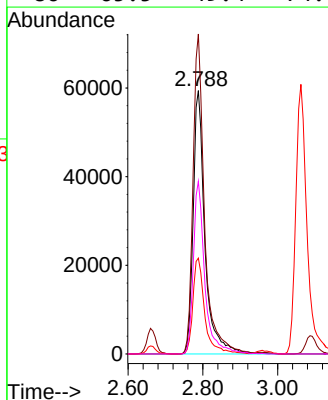
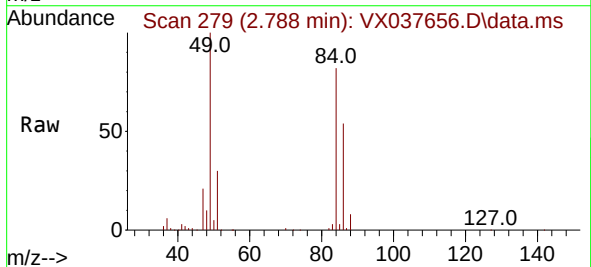
Manual Integrations
APPROVED

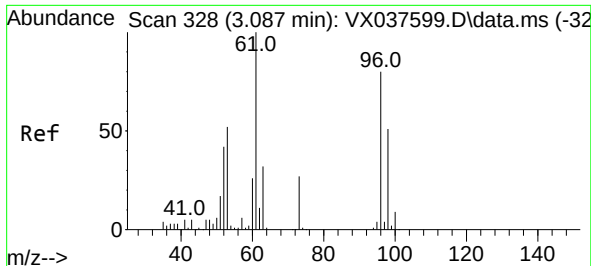
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#20
Methylene Chloride
Concen: 49.804 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

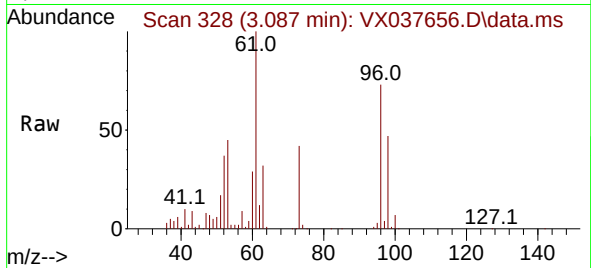
Tgt Ion: 84 Resp: 129526
Ion Ratio Lower Upper
84 100
49 121.5 103.6 155.4
51 36.4 33.8 50.6
86 65.5 49.4 74.0





#21
trans-1,2-Dichloroethene
Concen: 48.367 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

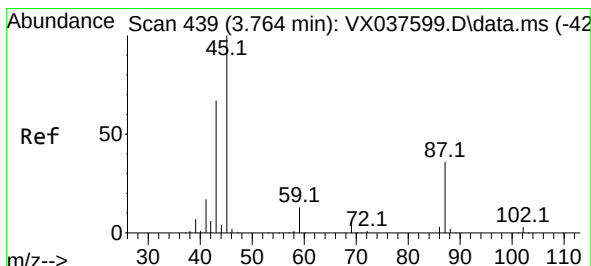
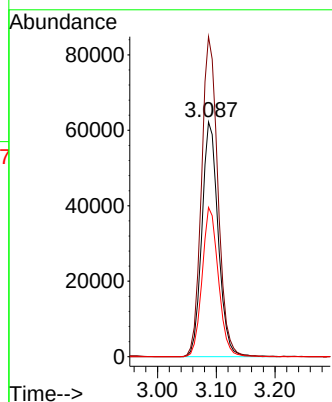
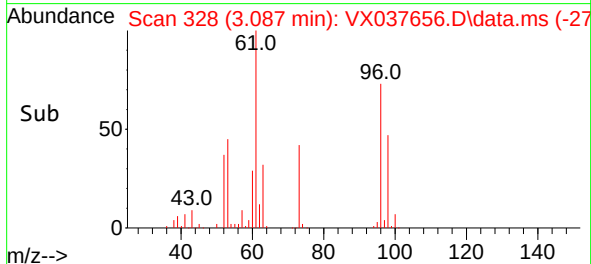
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



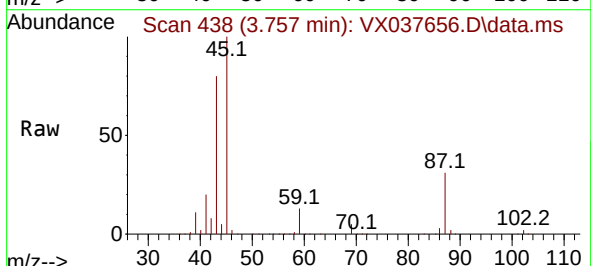
Tgt Ion: 96 Resp: 11988
Ion Ratio Lower Upper
96 100
61 136.3 119.2 178.8
98 63.6 48.7 73.1

Manual Integrations
APPROVED

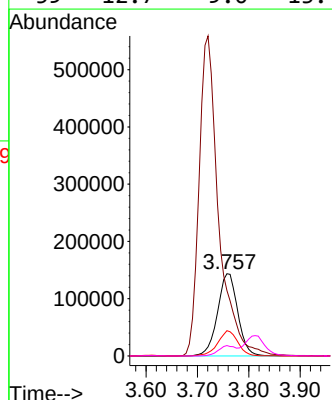
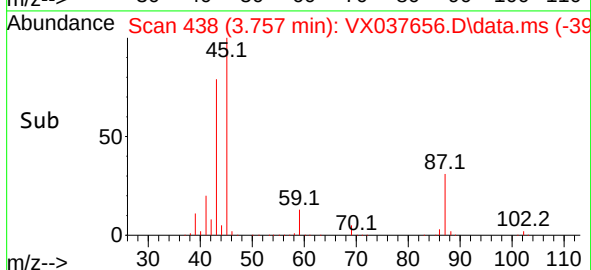
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

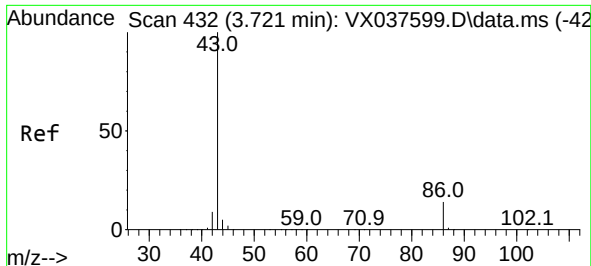


#22
Diisopropyl ether
Concen: 48.363 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



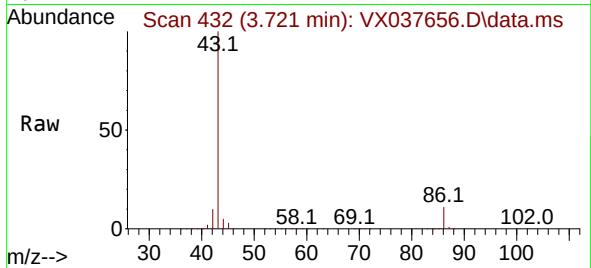
Tgt Ion: 45 Resp: 392629
Ion Ratio Lower Upper
45 100
43 79.5 69.7 104.5
87 30.8 20.8 31.2
59 12.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 250.215 ug/l
 RT: 3.721 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037656.D
 Acq: 12 Sep 2023 09:54

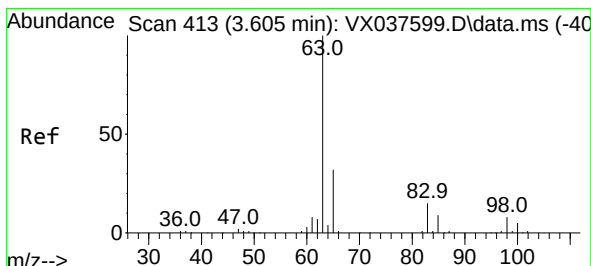
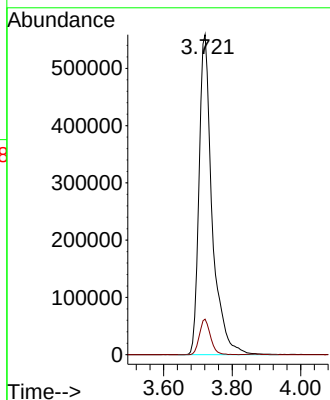
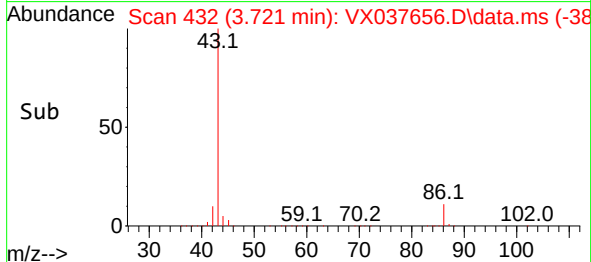
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050



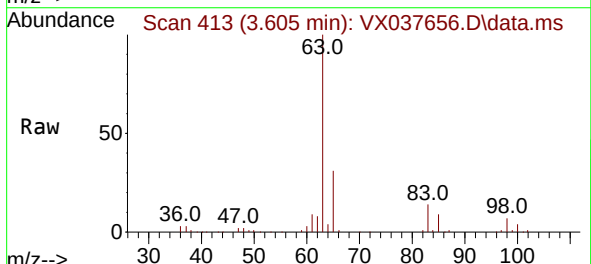
Tgt Ion: 43 Resp: 1490374
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.8

Manual Integrations
 APPROVED

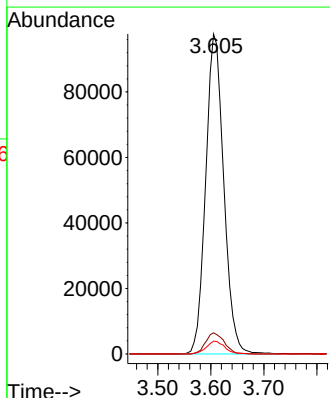
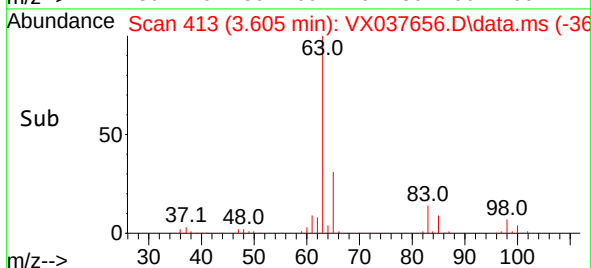
Reviewed By :John Carlone 09/13/2023
 Supervised By :Mahesh Dadoda 09/13/2023

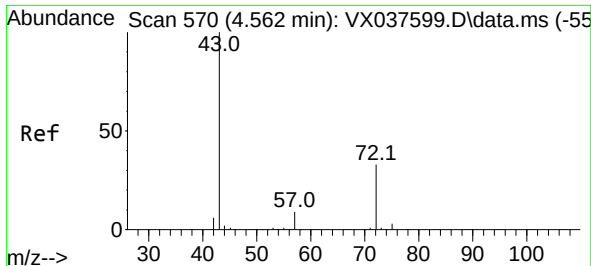


#24
 1,1-Dichloroethane
 Concen: 48.699 ug/l
 RT: 3.605 min Scan# 413
 Delta R.T. -0.000 min
 Lab File: VX037656.D
 Acq: 12 Sep 2023 09:54



Tgt Ion: 63 Resp: 231299
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.8
 100 4.0 2.1 6.5





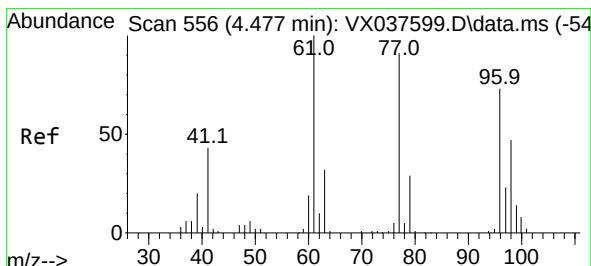
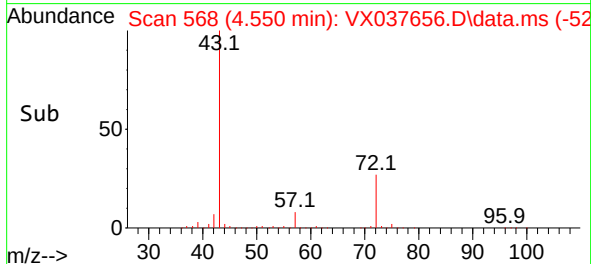
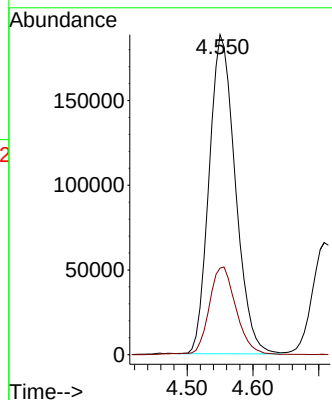
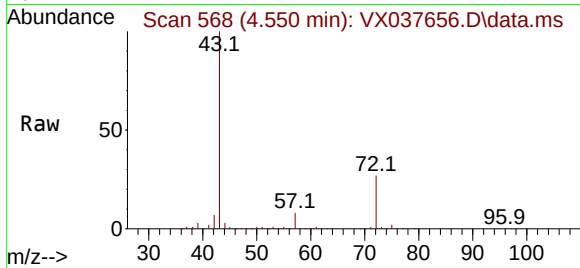
#25
2-Butanone
Concen: 236.734 ug/l
RT: 4.550 min Scan# 50
Delta R.T. -0.012 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 522500
Ion Ratio Lower Upper
43 100
72 27.0 19.4 29.2

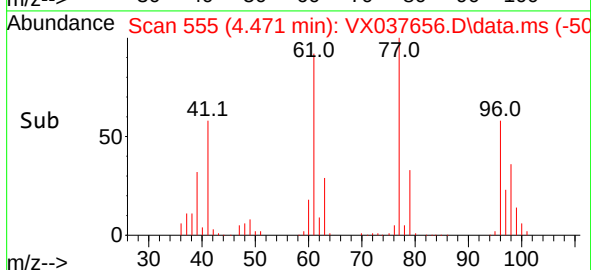
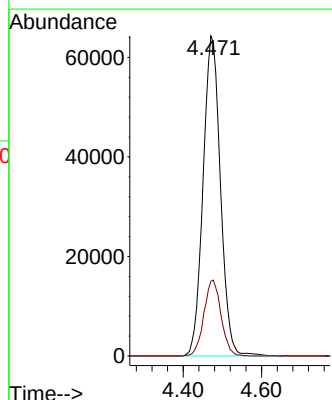
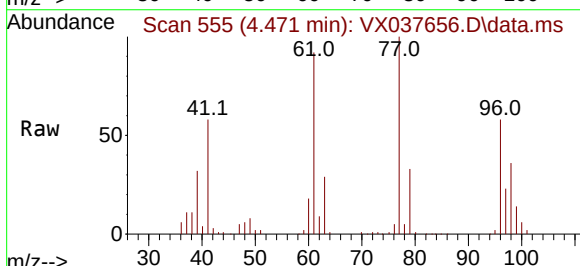
Manual Integrations
APPROVED

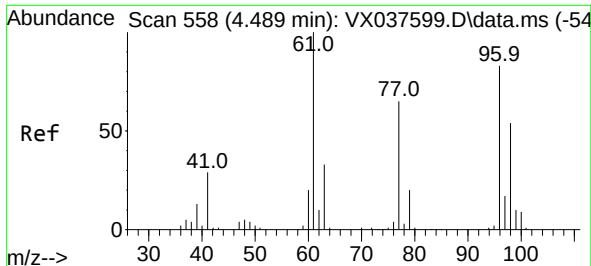
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#26
2,2-Dichloropropane
Concen: 60.193 ug/l
RT: 4.471 min Scan# 555
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 77 Resp: 197956
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 49.184 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 145784

Ion Ratio Lower Upper

96 100

61 146.0 0.0 312.2

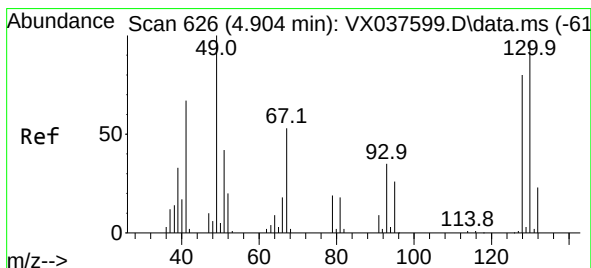
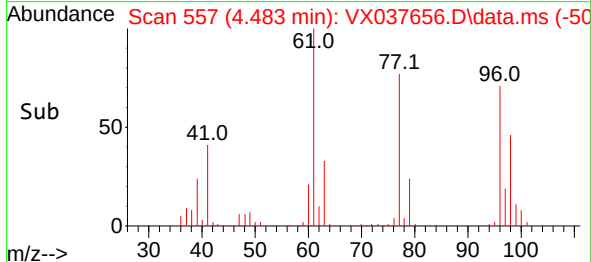
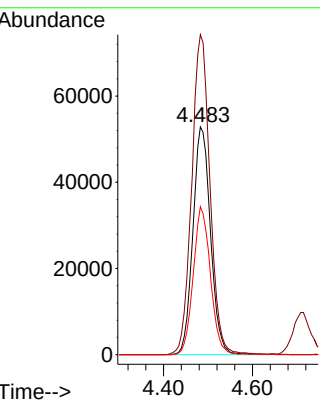
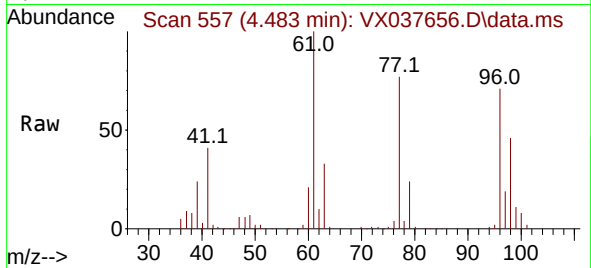
98 63.4 0.0 129.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#28

Bromochloromethane

Concen: 45.692 ug/l

RT: 4.897 min Scan# 625

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

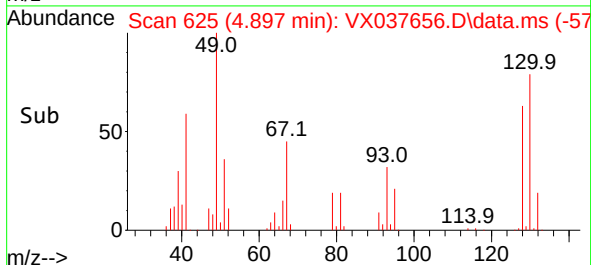
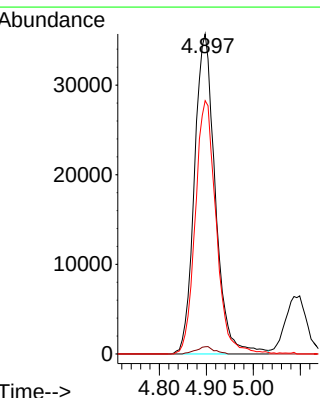
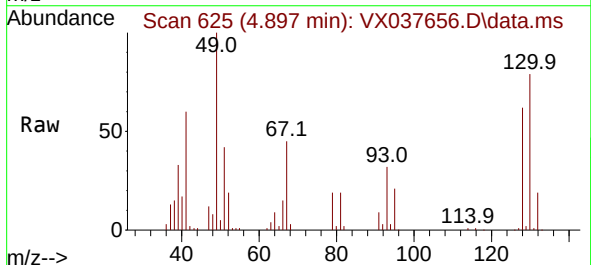
Tgt Ion: 49 Resp: 110044

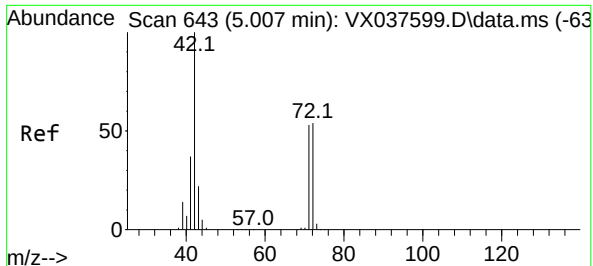
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 79.2 57.5 86.3





#29

Tetrahydrofuran

Concen: 224.370 ug/l

RT: 5.001 min Scan# 643

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 31940

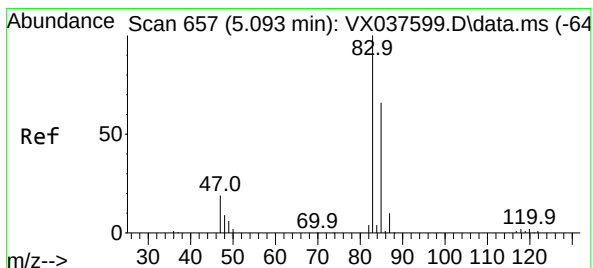
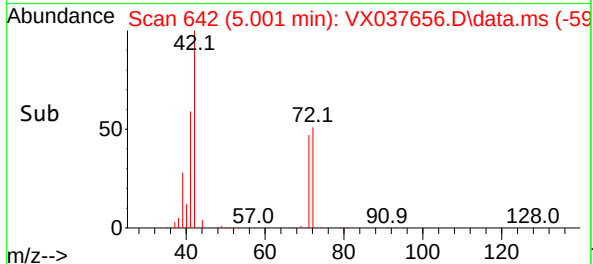
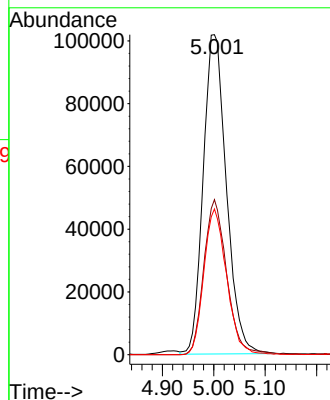
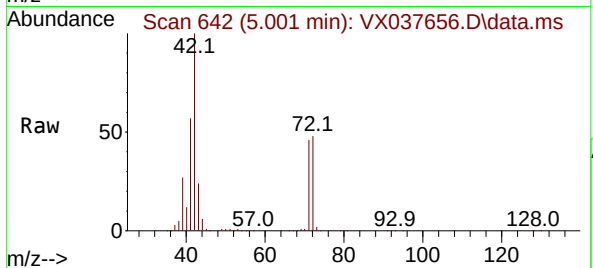
Ion	Ratio	Lower	Upper
42	100		
72	47.9	34.2	51.4
71	44.8	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#30

Chloroform

Concen: 48.180 ug/l

RT: 5.093 min Scan# 657

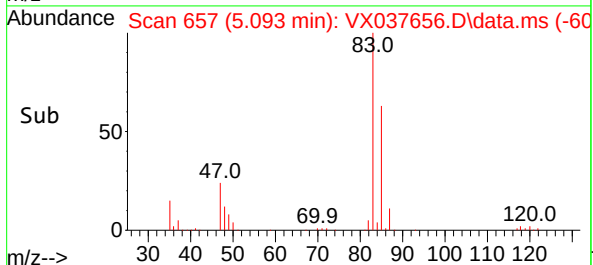
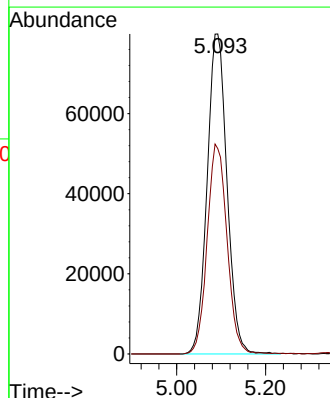
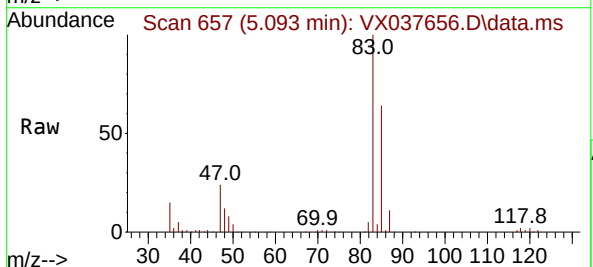
Delta R.T. -0.000 min

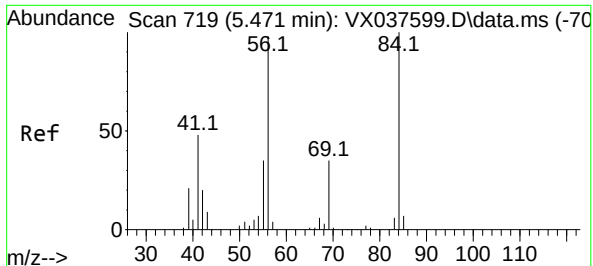
Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Tgt Ion: 83 Resp: 248103

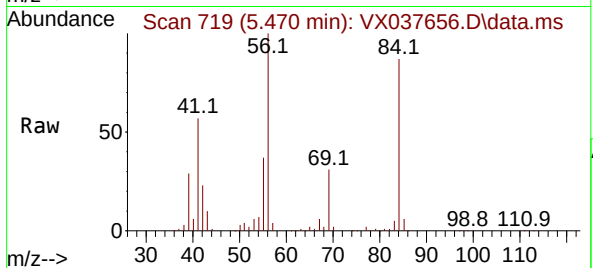
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.3	75.5





#31
Cyclohexane
Concen: 52.928 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

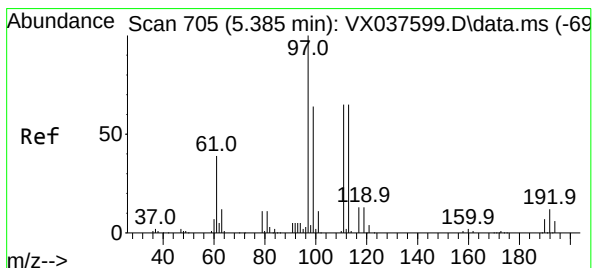
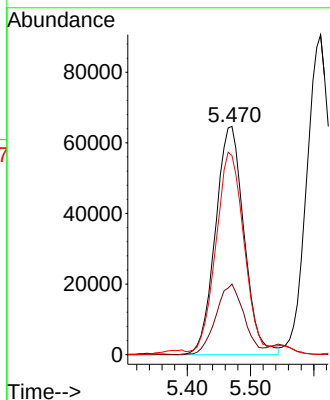
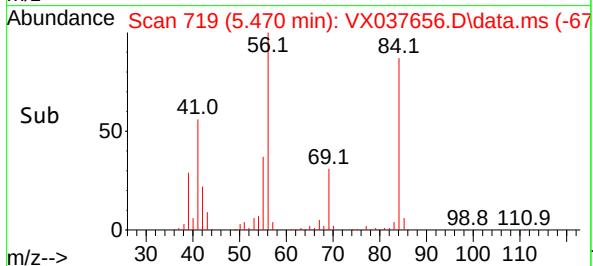
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



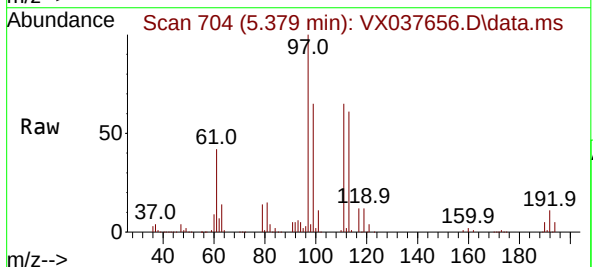
Tgt Ion: 56 Resp: 202664
Ion Ratio Lower Upper
56 100
69 30.9 23.4 35.2
84 85.5 65.9 98.9

Manual Integrations
APPROVED

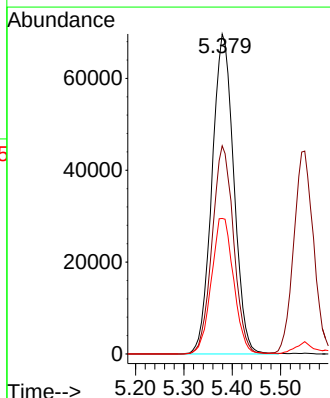
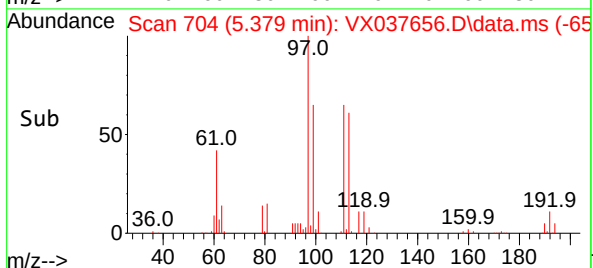
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

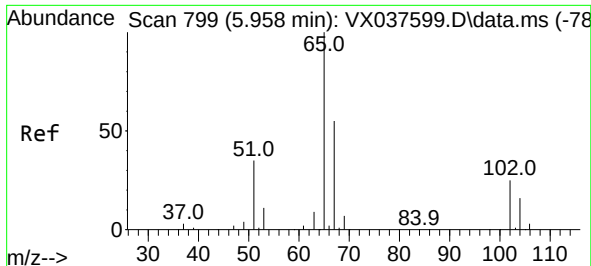


#32
1,1,1-Trichloroethane
Concen: 50.446 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



Tgt Ion: 97 Resp: 218195
Ion Ratio Lower Upper
97 100
99 64.0 51.1 76.7
61 43.3 36.4 54.6





#33

1,2-Dichloroethane-d4

Concen: 47.881 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 159215

Ion Ratio Lower Upper

65 100

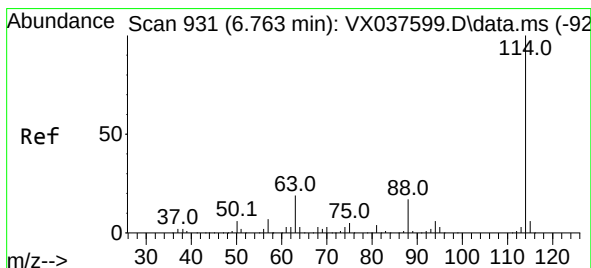
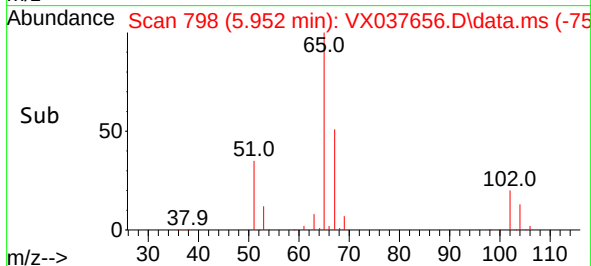
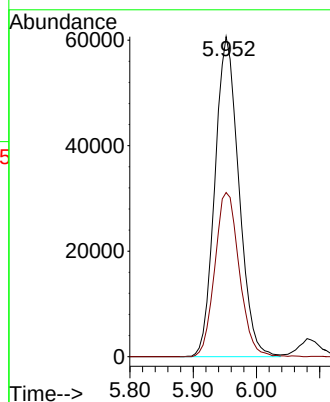
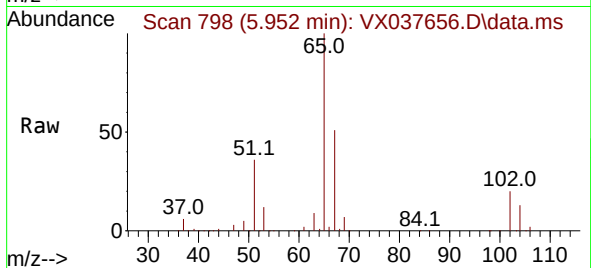
67 52.4 0.0 100.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

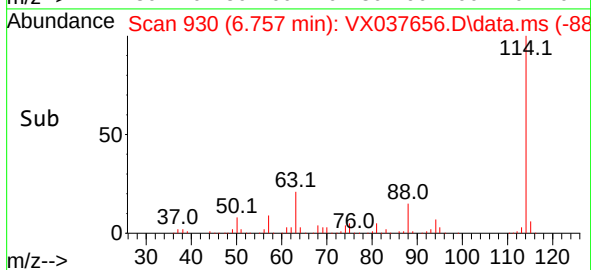
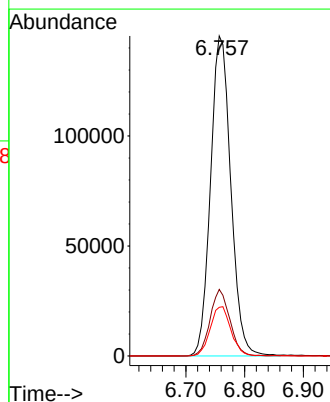
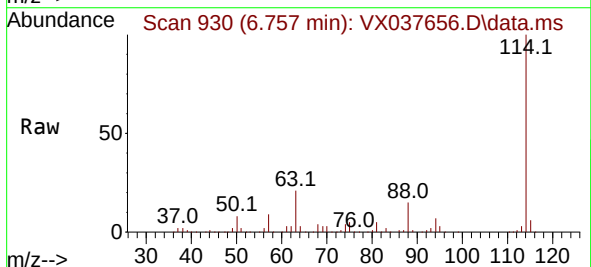
Tgt Ion:114 Resp: 349175

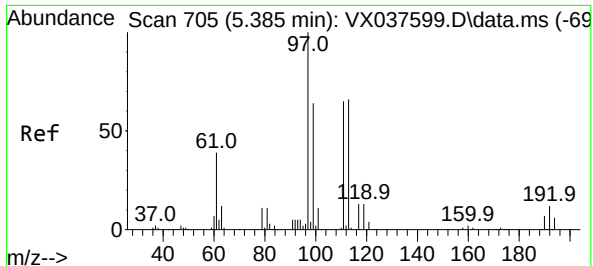
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

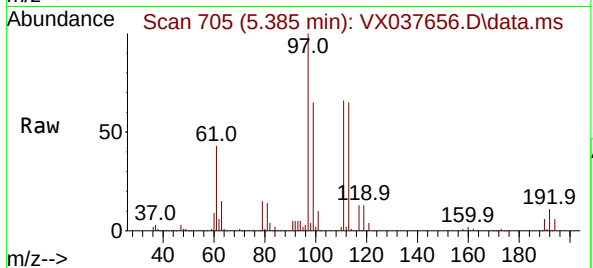
88 15.2 0.0 36.6





#35
Dibromofluoromethane
Concen: 52.256 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

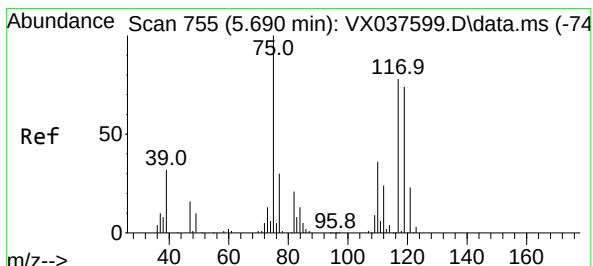
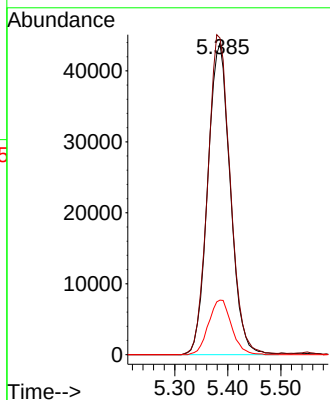
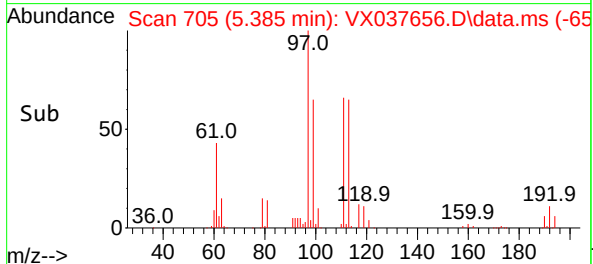
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 129332
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 17.9 13.3 19.9

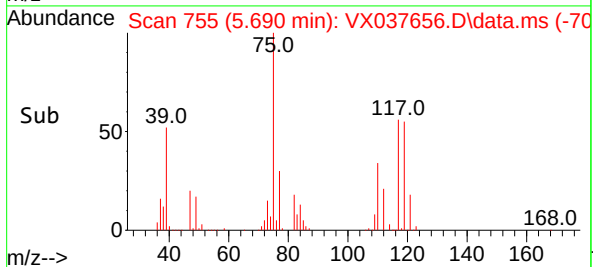
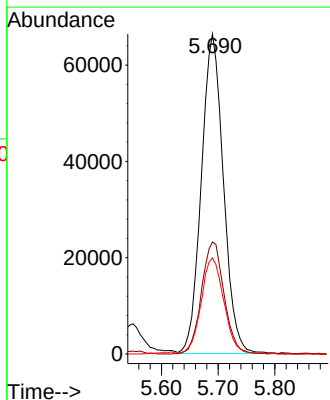
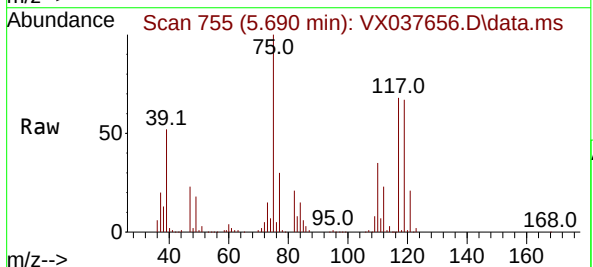
Manual Integrations
APPROVED

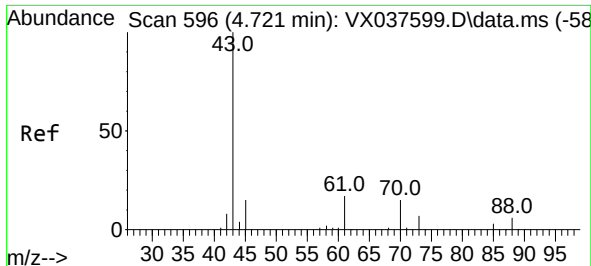
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#36
1,1-Dichloropropene
Concen: 52.513 ug/l
RT: 5.690 min Scan# 755
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

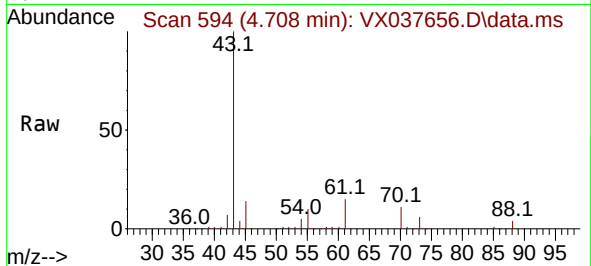
Tgt Ion: 75 Resp: 179230
Ion Ratio Lower Upper
75 100
110 35.9 17.0 50.9
77 31.1 24.7 37.1





#37
Ethyl Acetate
Concen: 49.415 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.012 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

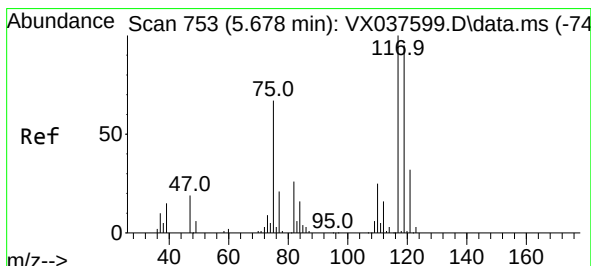
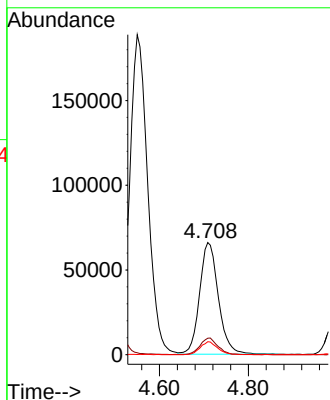
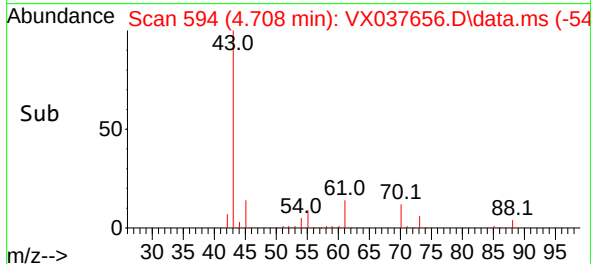
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 194500
Ion Ratio Lower Upper
43 100
61 14.0 10.6 16.0
70 10.8 8.3 12.5

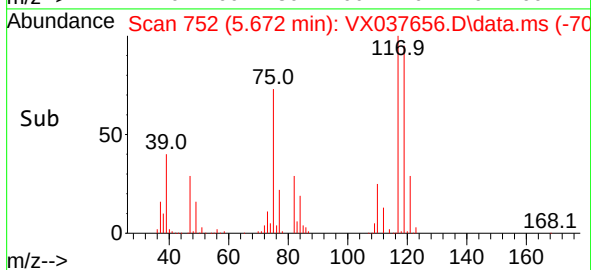
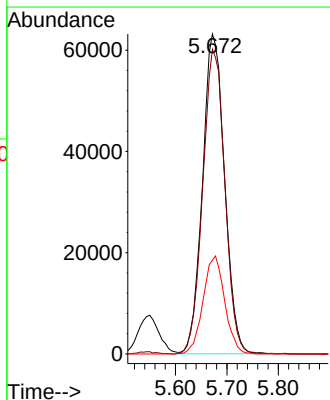
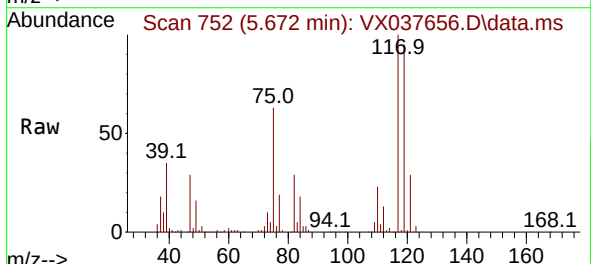
Manual Integrations
APPROVED

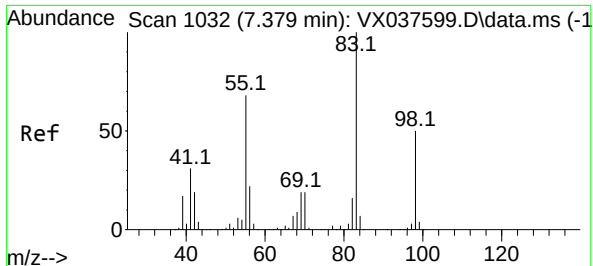
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#38
Carbon Tetrachloride
Concen: 55.239 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion:117 Resp: 188297
Ion Ratio Lower Upper
117 100
119 95.2 78.2 117.2
121 29.4 24.4 36.6





#39

Methylcyclohexane

Concen: 58.000 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

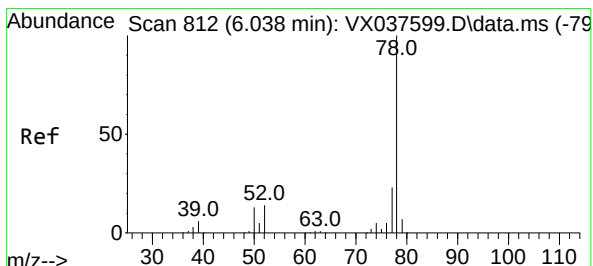
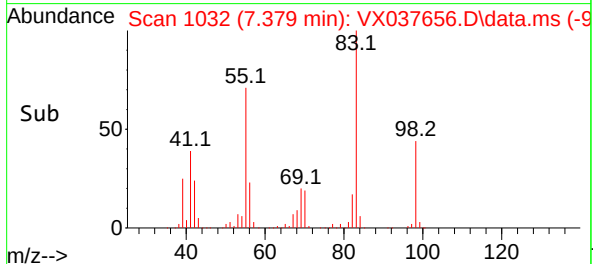
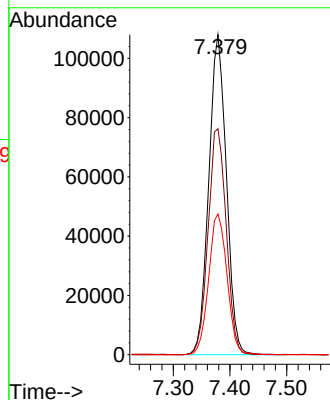
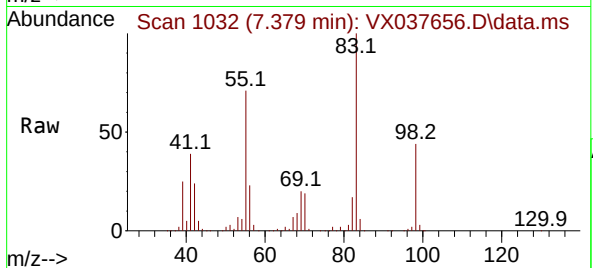
Tgt Ion: 83 Resp: 232830
 Ion Ratio Lower Upper
 83 100
 55 70.6 64.6 97.0
 98 44.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#40

Benzene

Concen: 50.817 ug/l

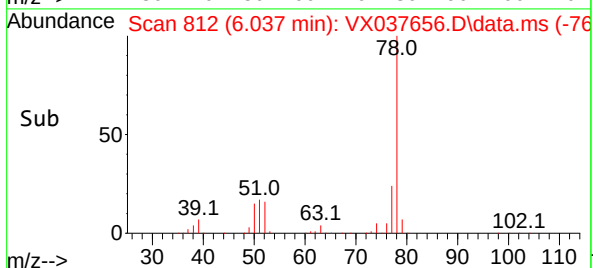
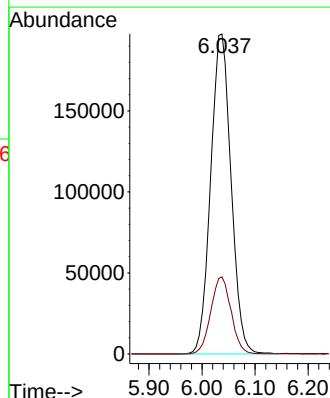
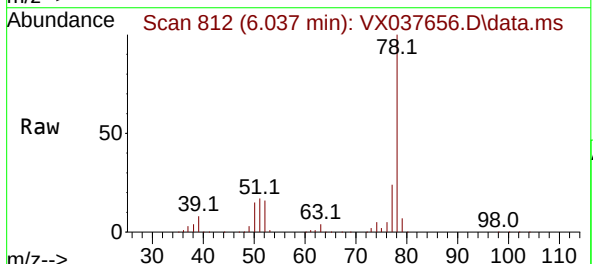
RT: 6.037 min Scan# 812

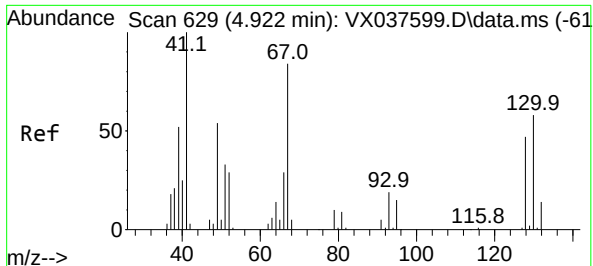
Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Tgt Ion: 78 Resp: 527384
 Ion Ratio Lower Upper
 78 100
 77 24.1 19.3 28.9





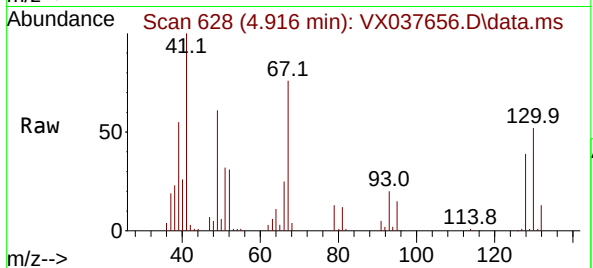
#41
Methacrylonitrile
Concen: 49.203 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



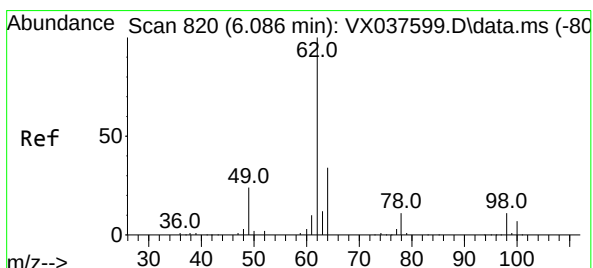
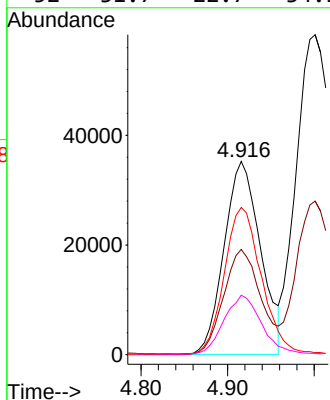
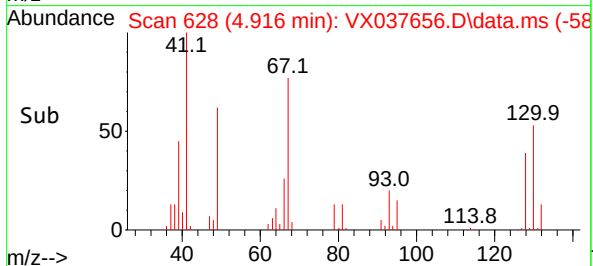
Tgt Ion: 41 Resp: 102894
Ion Ratio Lower Upper
41 100
39 55.5 45.2 67.8
67 78.5 52.6 78.8
52 31.7 22.7 34.1

Manual Integrations

APPROVED

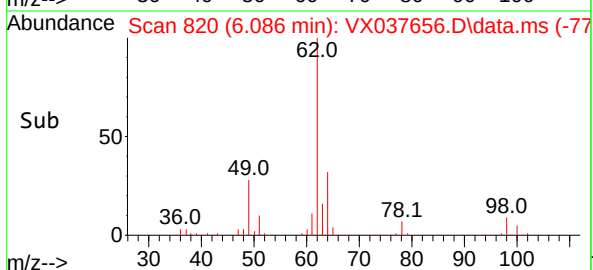
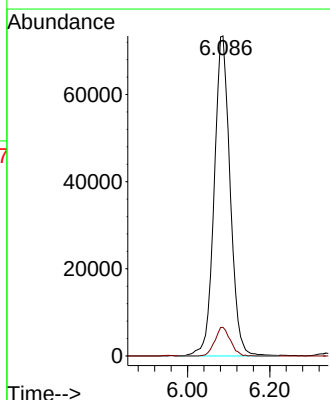
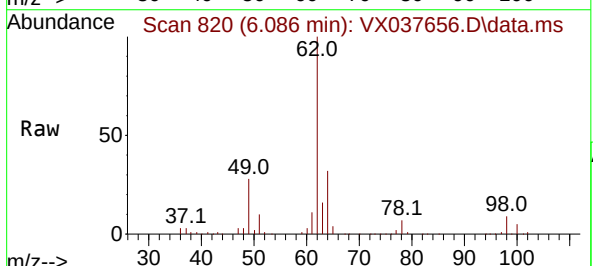
Reviewed By :John Carlone 09/13/2023

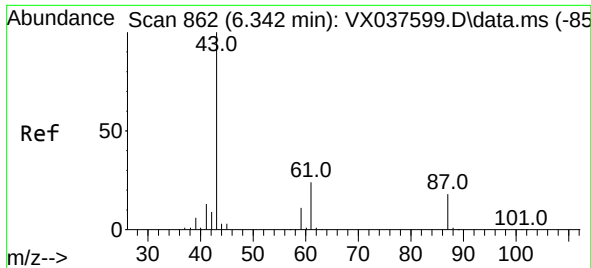
Supervised By :Mahesh Dadoda 09/13/2023



#42
1,2-Dichloroethane
Concen: 49.185 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 62 Resp: 197798
Ion Ratio Lower Upper
62 100
98 8.7 0.0 16.0





#43

Isopropyl Acetate

Concen: 51.332 ug/l

RT: 6.336 min Scan# 80

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 31940

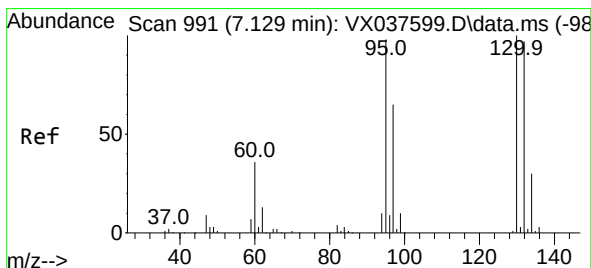
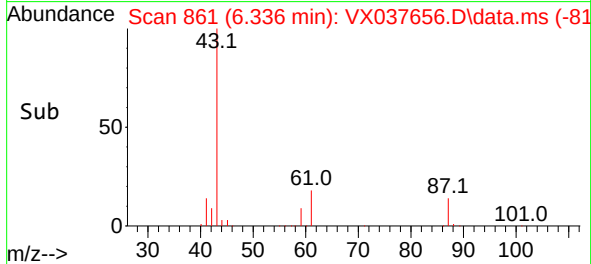
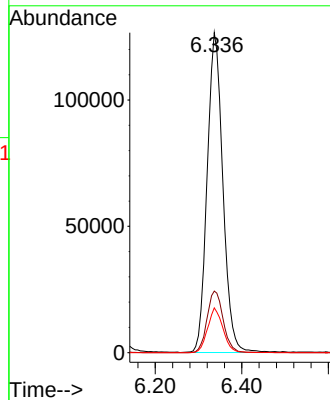
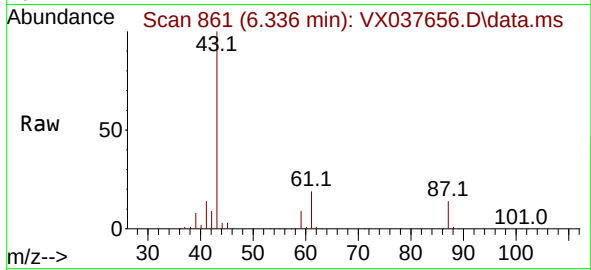
Ion	Ratio	Lower	Upper
43	100		
61	19.7	15.2	22.8
87	13.6	9.8	14.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#44

Trichloroethene

Concen: 52.891 ug/l

RT: 7.123 min Scan# 990

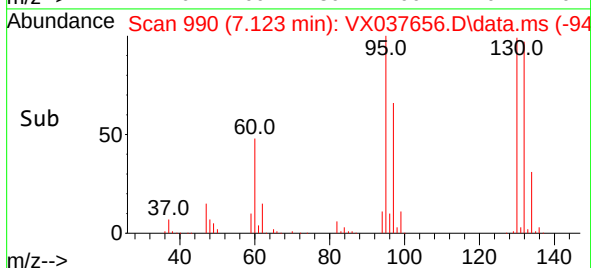
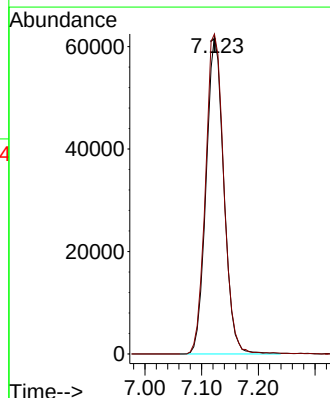
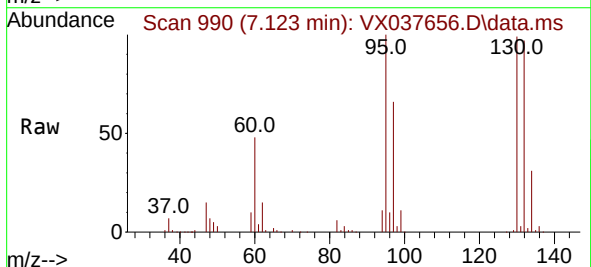
Delta R.T. -0.006 min

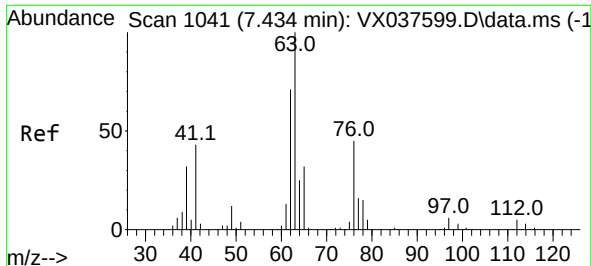
Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Tgt Ion:130 Resp: 133968

Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	204.4





#45
1,2-Dichloropropane
Concen: 51.384 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

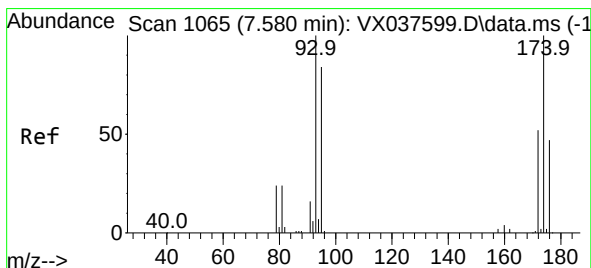
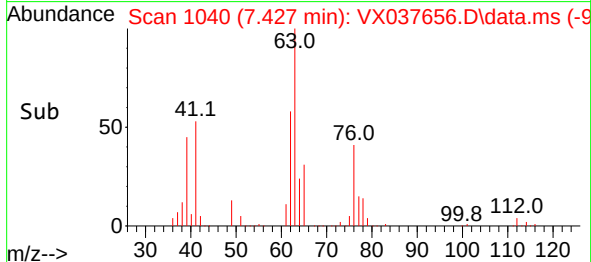
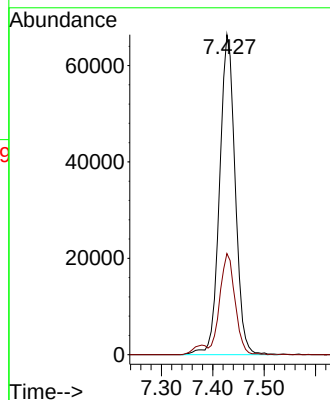
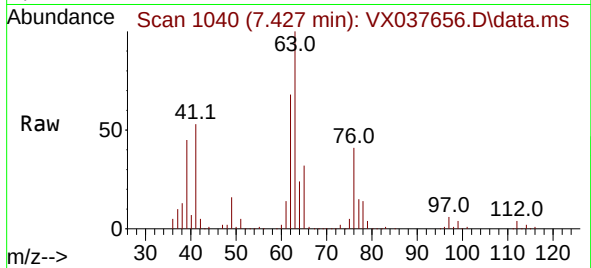
Tgt Ion: 63 Resp: 139920
Ion Ratio Lower Upper
63 100
65 31.6 24.3 36.5

Manual Integrations

APPROVED

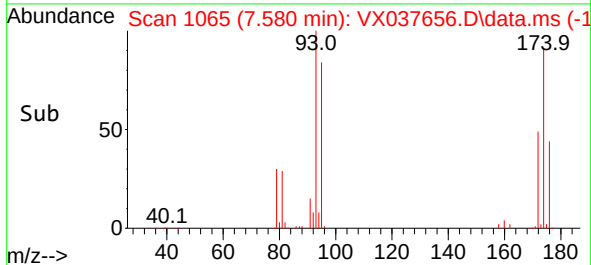
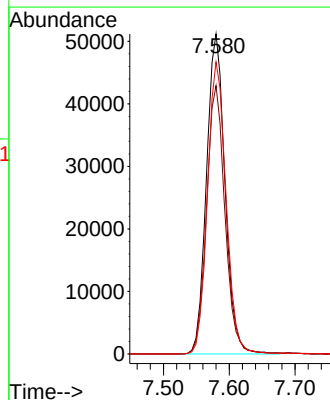
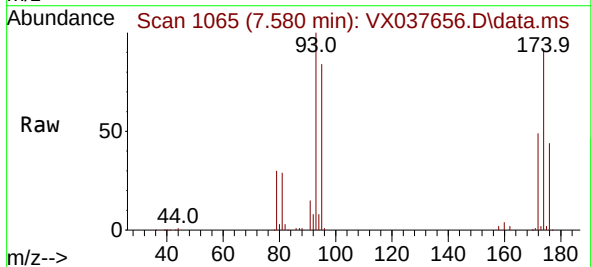
Reviewed By :John Carlone 09/13/2023

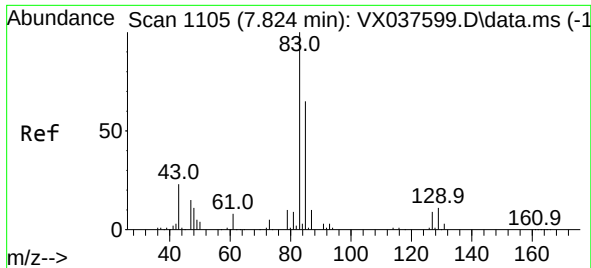
Supervised By :Mahesh Dadoda 09/13/2023



#46
Dibromomethane
Concen: 50.480 ug/l
RT: 7.580 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 93 Resp: 100290
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 91.4 69.4 104.0





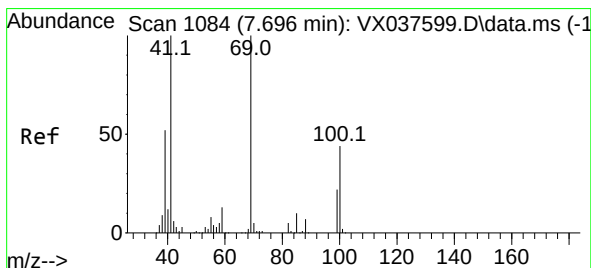
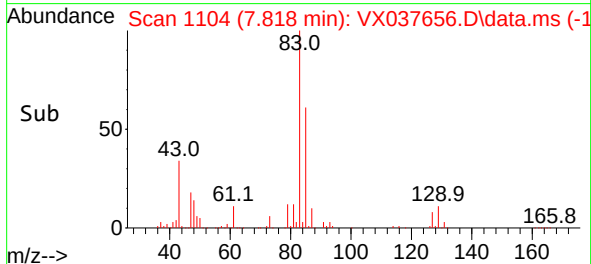
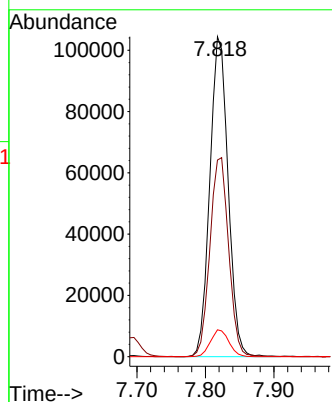
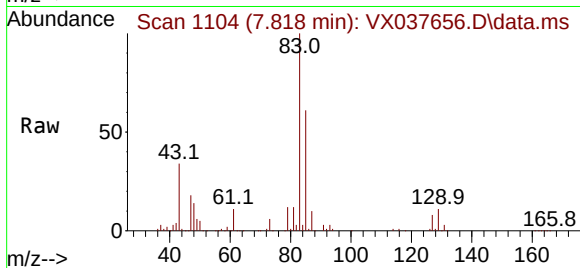
#47
Bromodichloromethane
Concen: 54.425 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 193800
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 8.4 7.1 10.7

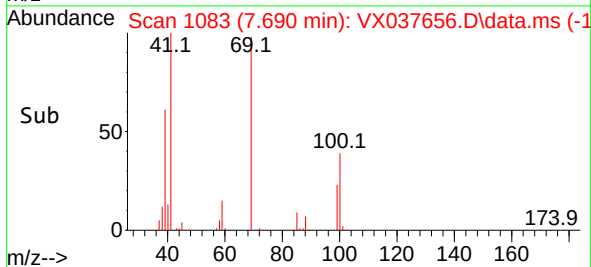
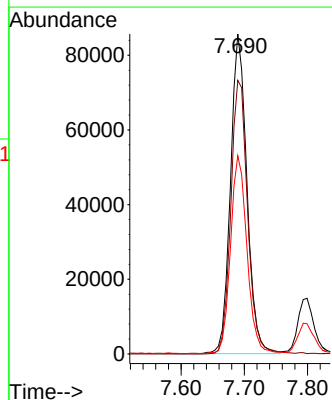
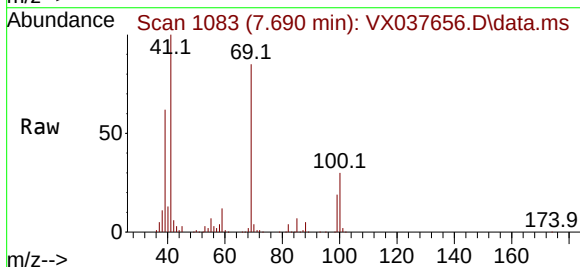
Manual Integrations
APPROVED

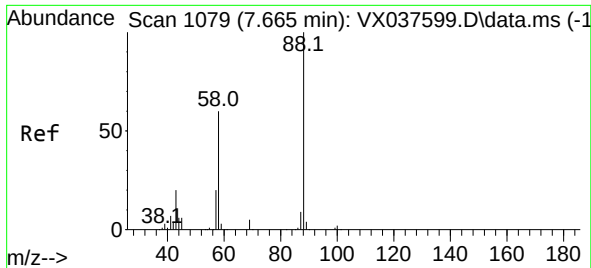
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#48
Methyl methacrylate
Concen: 50.846 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

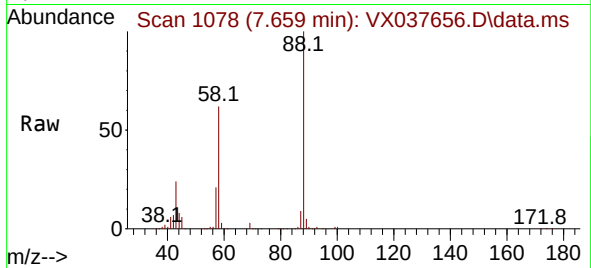
Tgt Ion: 41 Resp: 154517
Ion Ratio Lower Upper
41 100
69 88.0 59.2 88.8
39 62.3 47.7 71.5





#49
1,4-Dioxane
Concen: 988.196 ug/l
RT: 7.659 min Scan# 1079
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

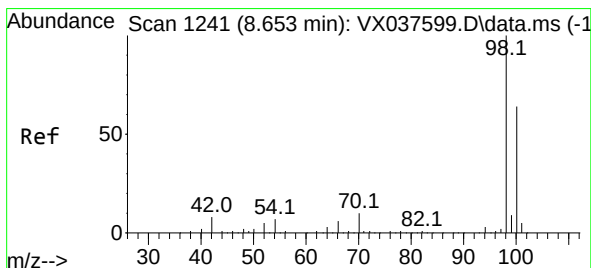
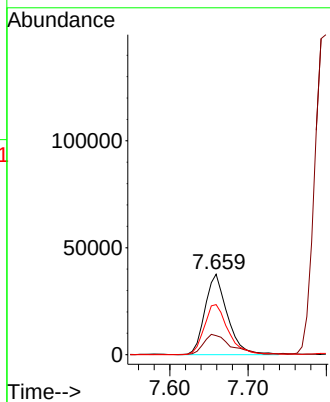
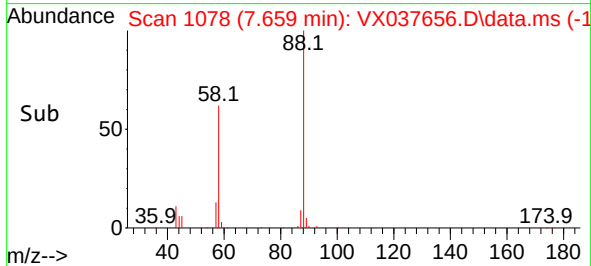
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 74799
Ion Ratio Lower Upper
88 100
43 30.5 0.0 0.0
58 67.2 60.1 90.1

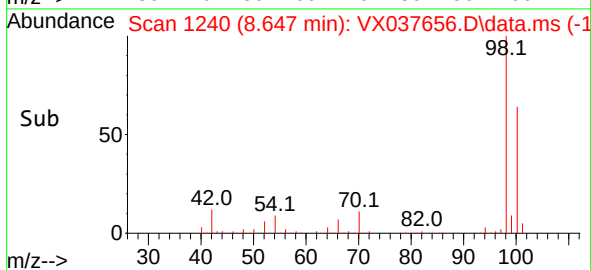
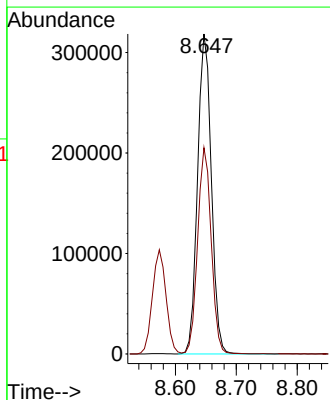
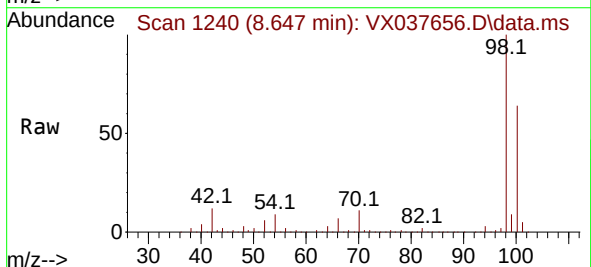
Manual Integrations
APPROVED

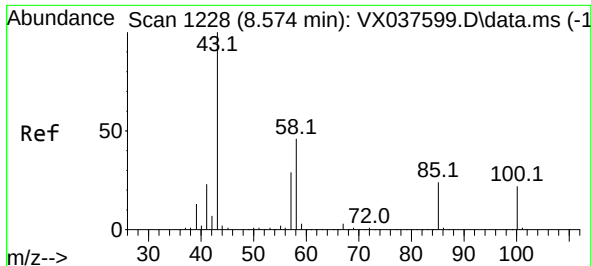
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#50
Toluene-d8
Concen: 53.395 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 98 Resp: 498407
Ion Ratio Lower Upper
98 100
100 63.6 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 248.999 ug/l

RT: 8.574 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1021539

Ion Ratio Lower Upper

43 100

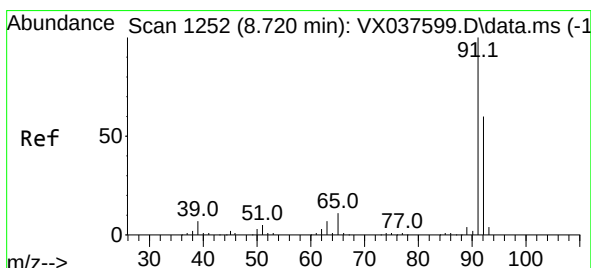
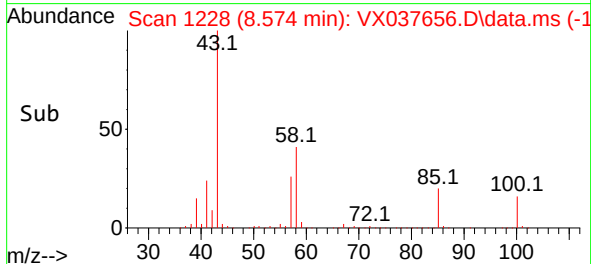
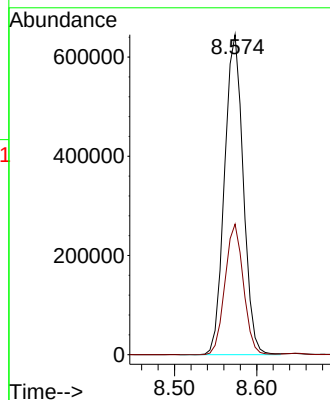
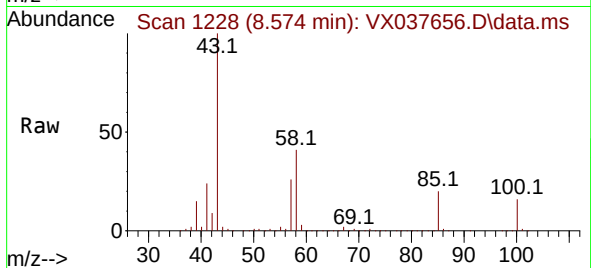
58 40.2 30.4 45.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#52

Toluene

Concen: 53.501 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX037656.D

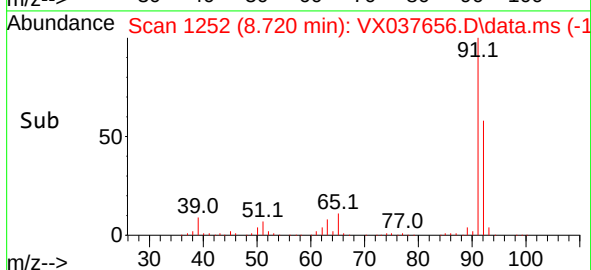
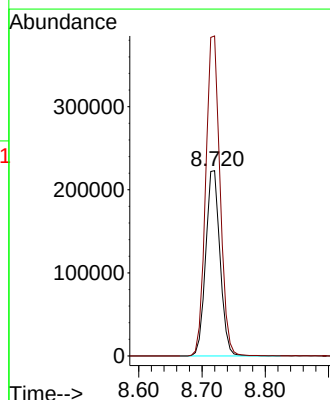
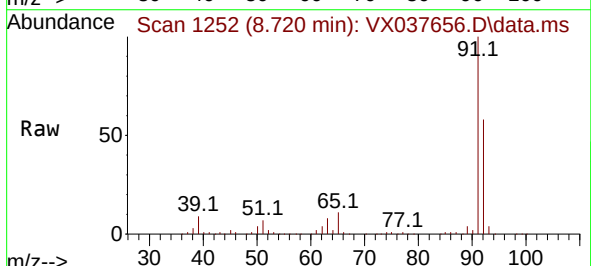
Acq: 12 Sep 2023 09:54

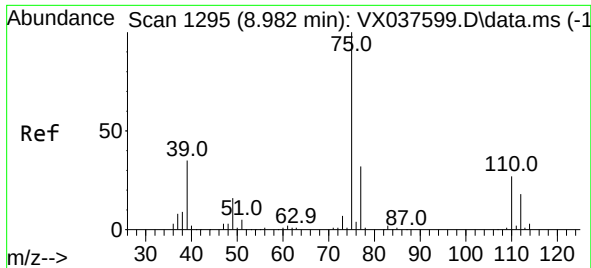
Tgt Ion: 92 Resp: 351328

Ion Ratio Lower Upper

92 100

91 173.2 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 59.080 ug/l

RT: 8.976 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 21263

Ion Ratio Lower Upper

75 100

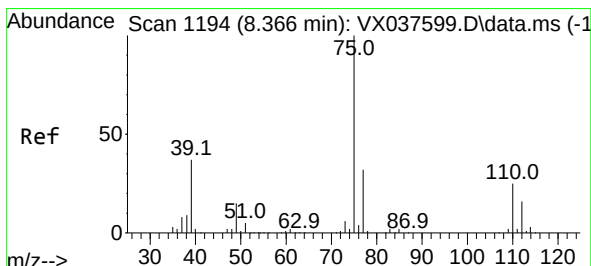
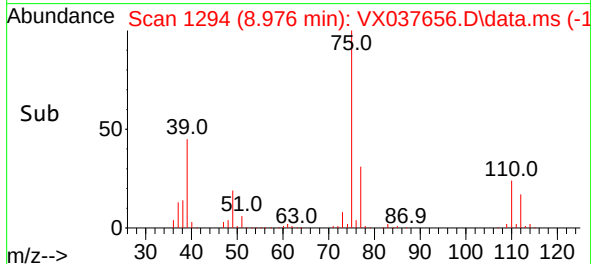
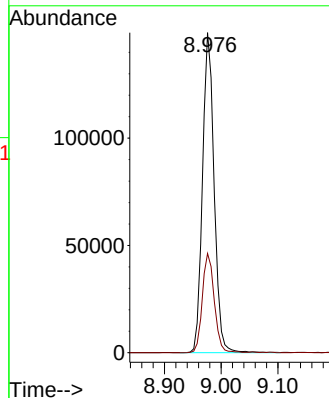
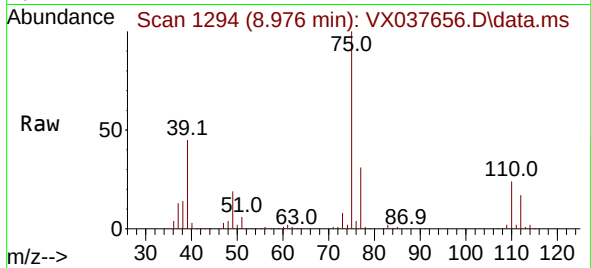
77 31.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#54

cis-1,3-Dichloropropene

Concen: 57.854 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

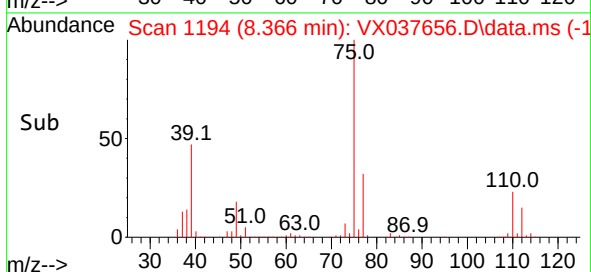
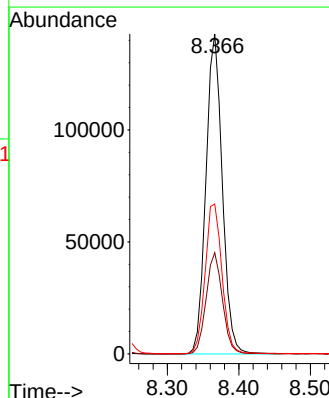
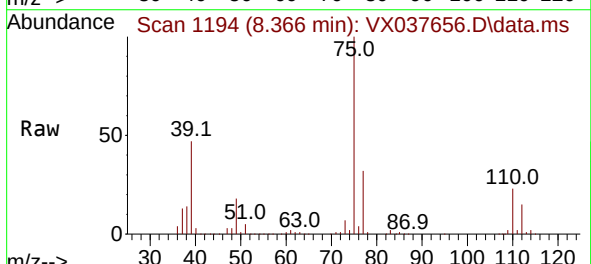
Tgt Ion: 75 Resp: 227084

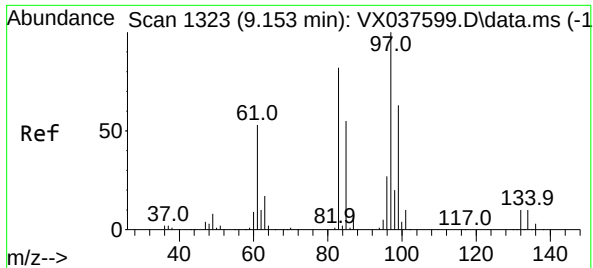
Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

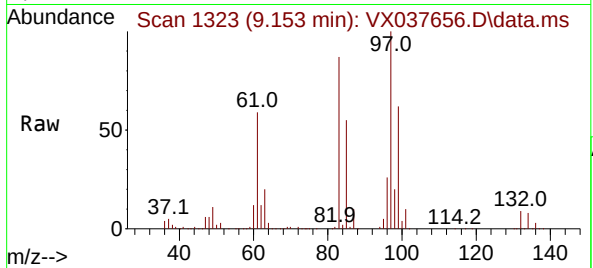
39 46.8 46.7 70.1





#55
1,1,2-Trichloroethane
Concen: 51.818 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

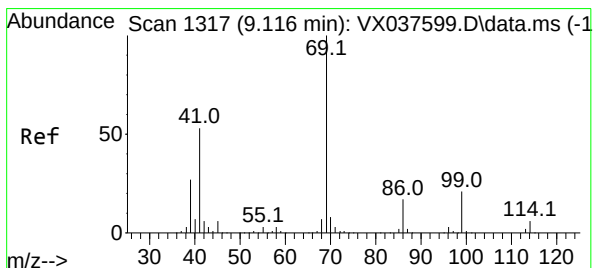
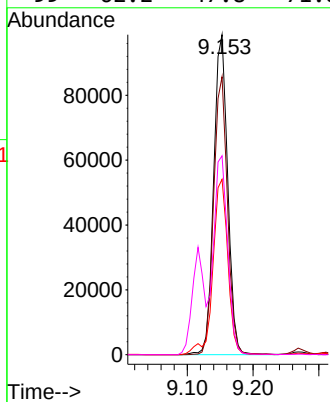
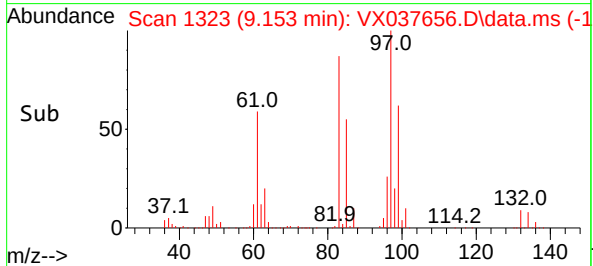
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:	97	Resp:	146319
Ion Ratio	100	Lower	Upper
97	100		
83	86.8	65.8	98.8
85	54.8	41.6	62.4
99	62.2	47.8	71.8

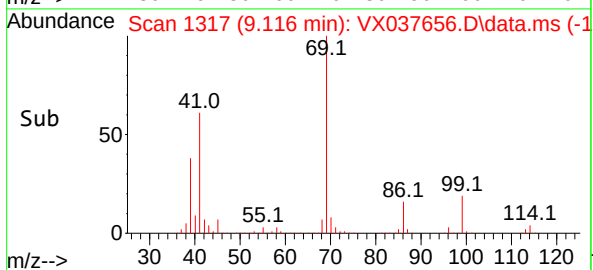
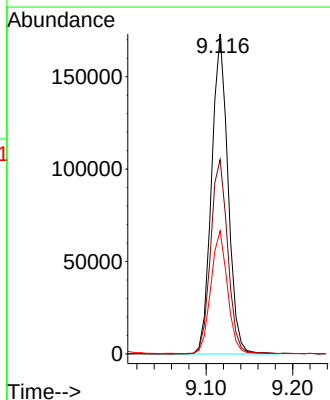
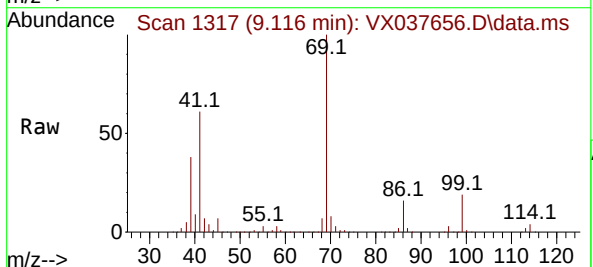
Manual Integrations
APPROVED

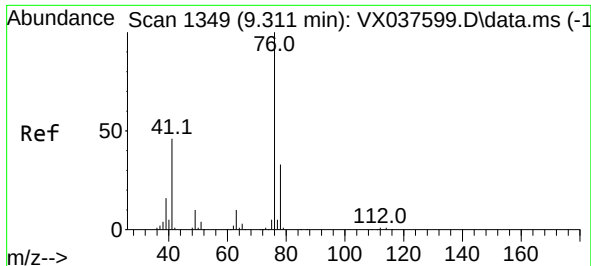
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#56
Ethyl methacrylate
Concen: 53.778 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion:	69	Resp:	228206
Ion Ratio	100	Lower	Upper
69	100		
41	63.2	56.8	85.2
39	38.9	32.0	48.0





#57
1,3-Dichloropropane
Concen: 50.384 ug/l
RT: 9.305 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

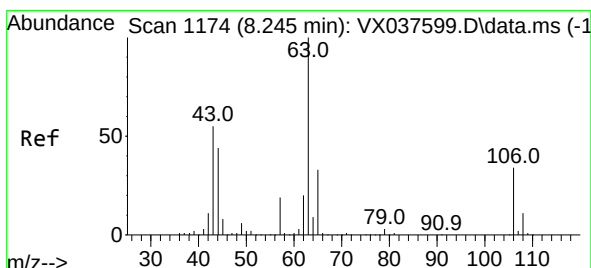
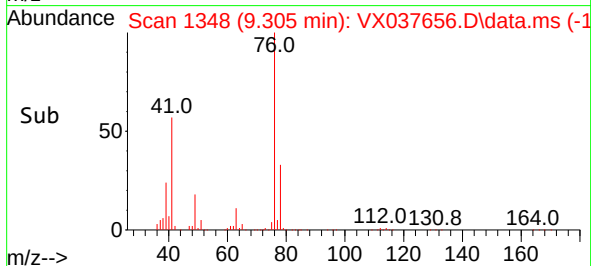
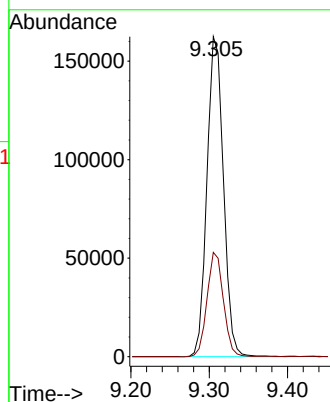
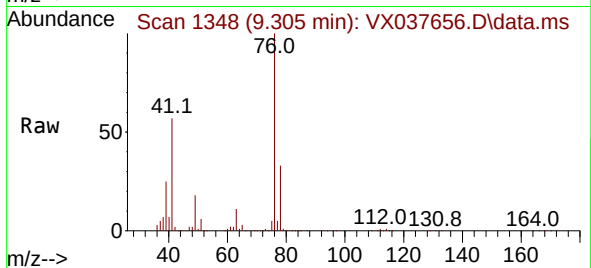
Tgt Ion: 76 Resp: 23683
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations

APPROVED

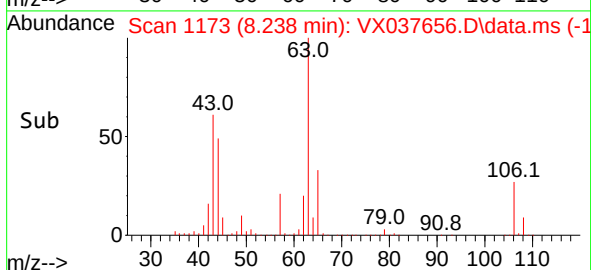
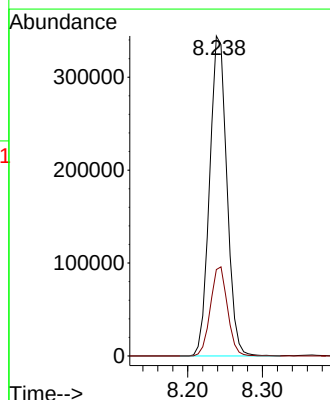
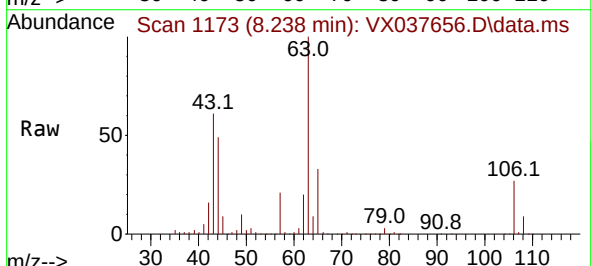
Reviewed By :John Carlone 09/13/2023

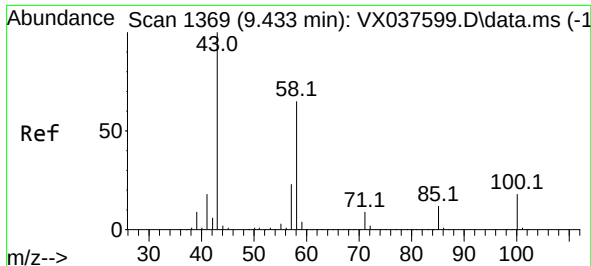
Supervised By :Mahesh Dadoda 09/13/2023



#58
2-Chloroethyl Vinyl ether
Concen: 269.749 ug/l
RT: 8.238 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 63 Resp: 552478
Ion Ratio Lower Upper
63 100
106 27.5 22.5 33.7





#59

2-Hexanone

Concen: 260.330 ug/l

RT: 9.427 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 819209

Ion Ratio Lower Upper

43 100

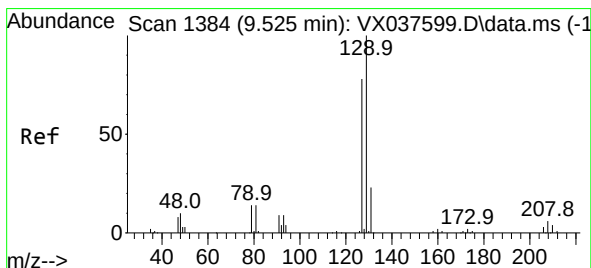
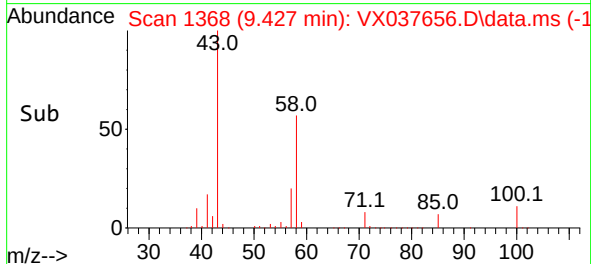
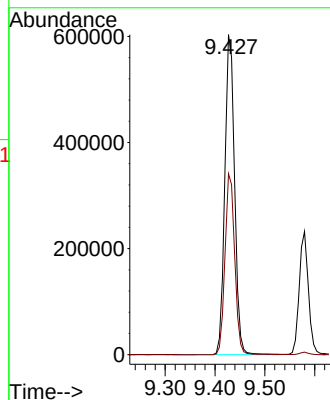
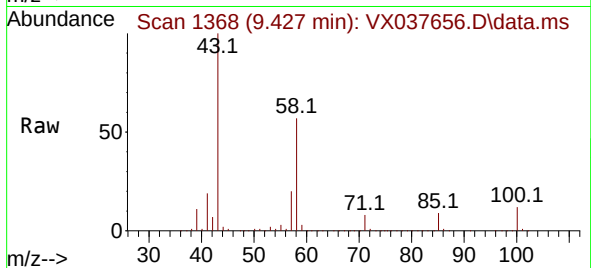
58 56.3 26.2 78.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#60

Dibromochloromethane

Concen: 56.438 ug/l

RT: 9.519 min Scan# 1383

Delta R.T. -0.006 min

Lab File: VX037656.D

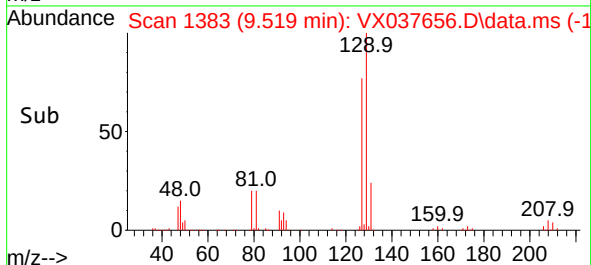
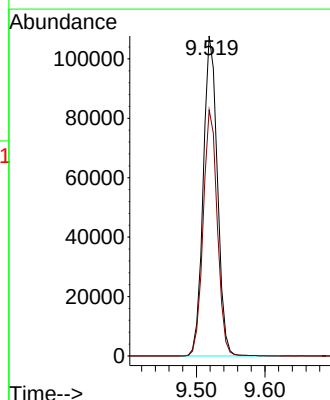
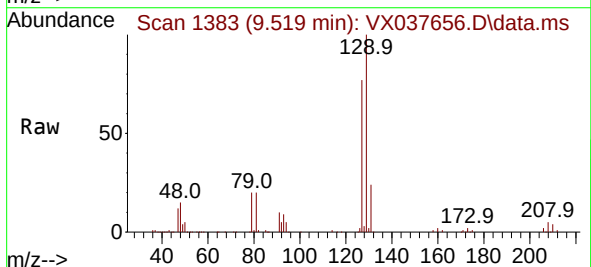
Acq: 12 Sep 2023 09:54

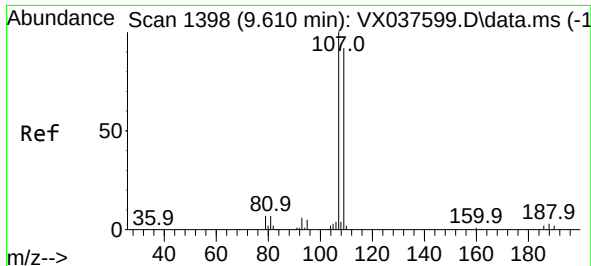
Tgt Ion:129 Resp: 154683

Ion Ratio Lower Upper

129 100

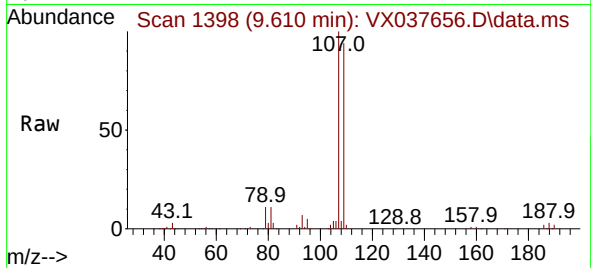
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 52.982 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

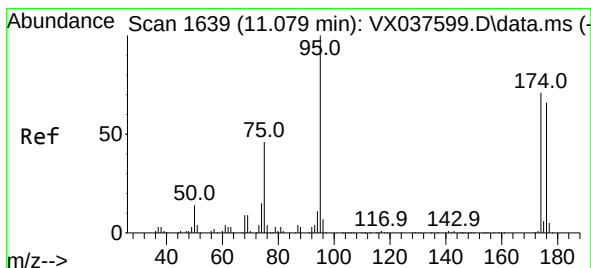
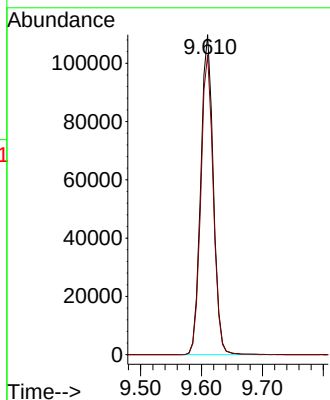
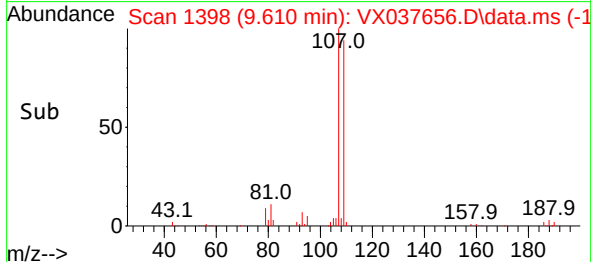
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



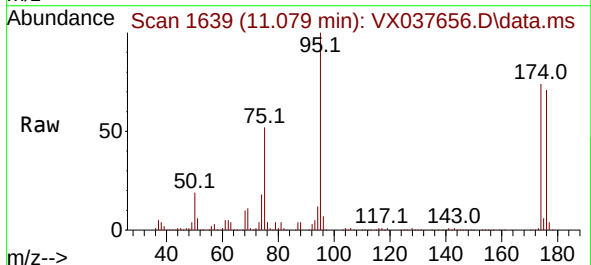
Tgt Ion:107 Resp: 157750
Ion Ratio Lower Upper
107 100
109 92.9 75.2 112.8

Manual Integrations
APPROVED

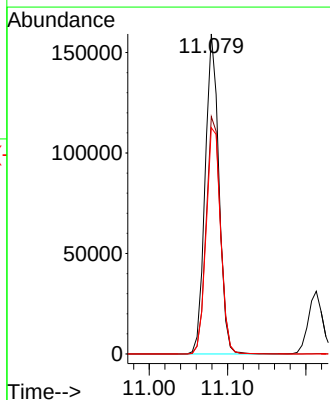
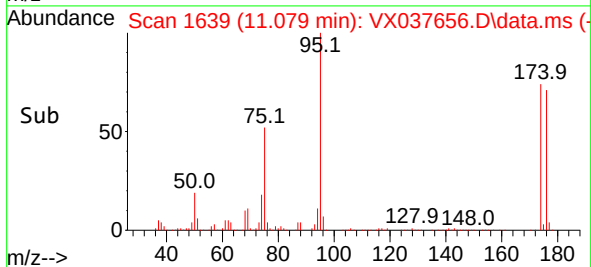
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

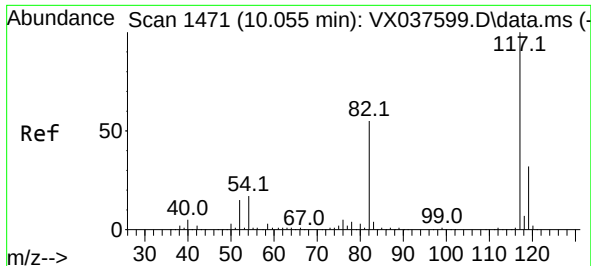


#62
4-Bromofluorobenzene
Concen: 57.439 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



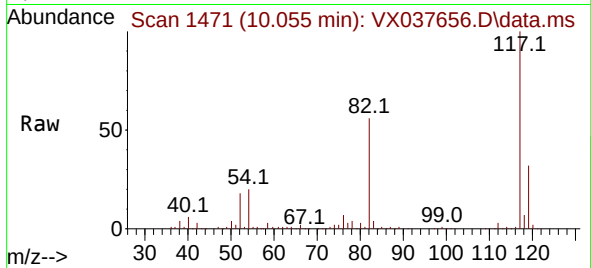
Tgt Ion: 95 Resp: 193428
Ion Ratio Lower Upper
95 100
174 77.3 0.0 135.6
176 74.5 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

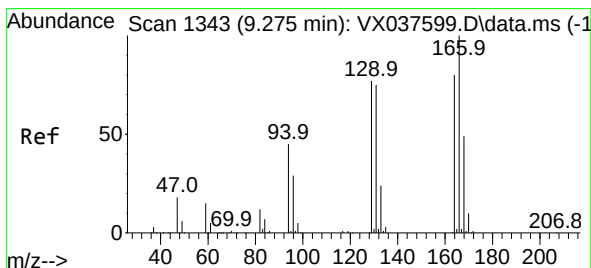
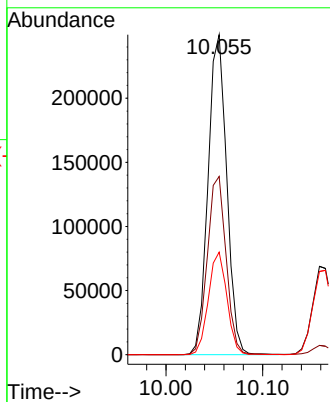
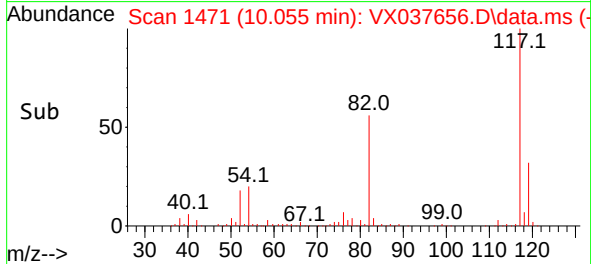
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 334489
Ion Ratio Lower Upper
117 100
82 55.7 46.2 69.4
119 32.1 25.5 38.3

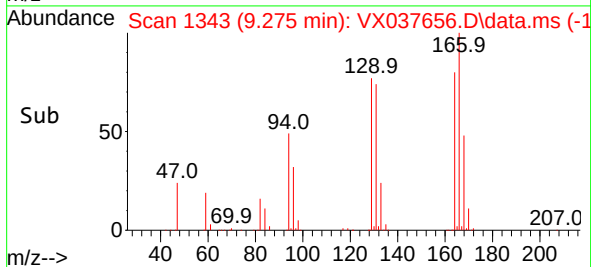
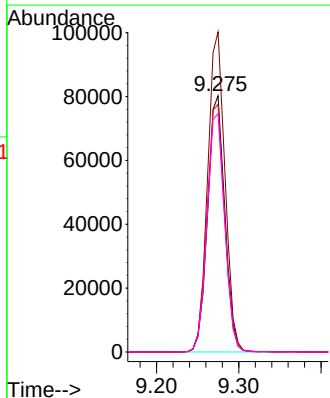
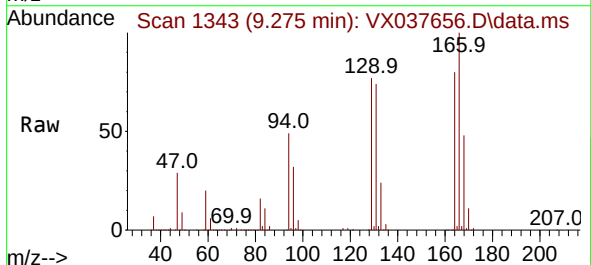
Manual Integrations
APPROVED

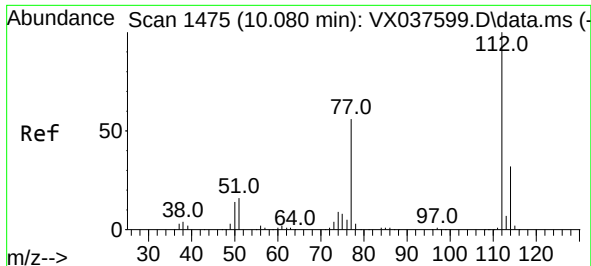
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#64
Tetrachloroethene
Concen: 54.438 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

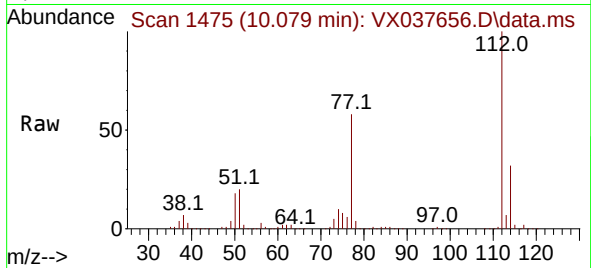
Tgt Ion:164 Resp: 116643
Ion Ratio Lower Upper
164 100
166 124.9 102.7 154.1
129 96.6 80.4 120.6
131 93.0 76.5 114.7





#65
Chlorobenzene
Concen: 52.372 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

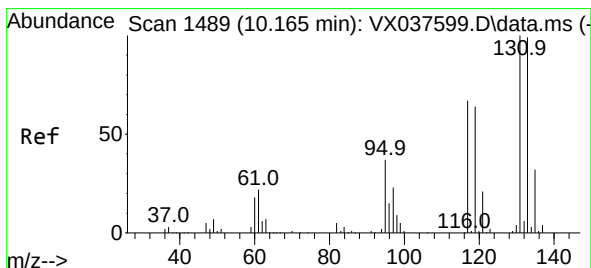
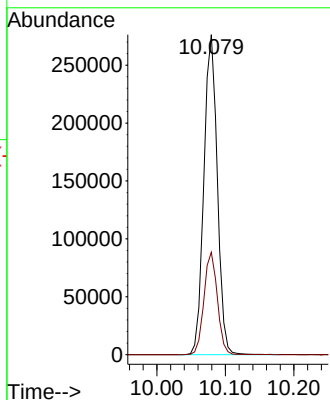
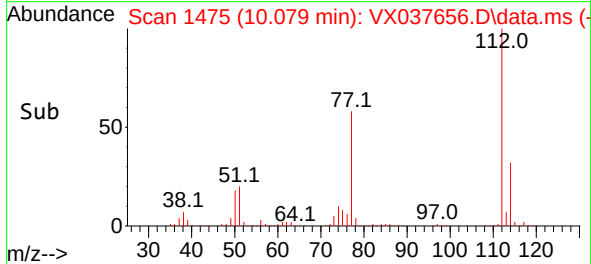
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



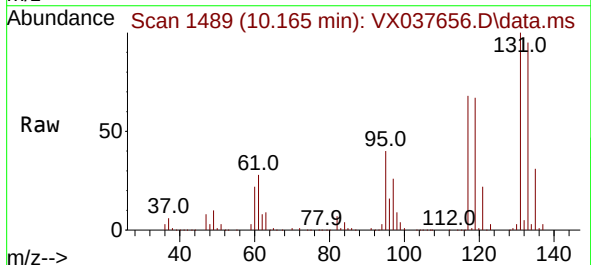
Tgt Ion:112 Resp: 377650
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

Manual Integrations
APPROVED

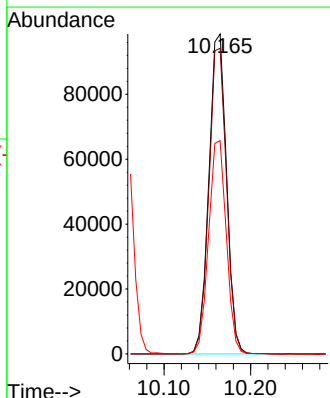
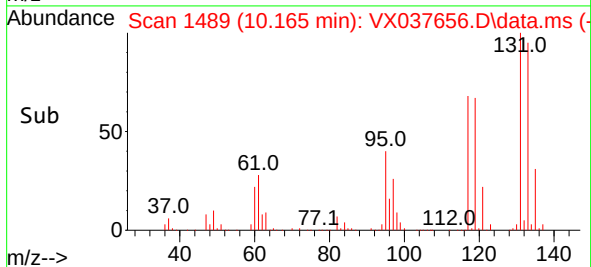
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

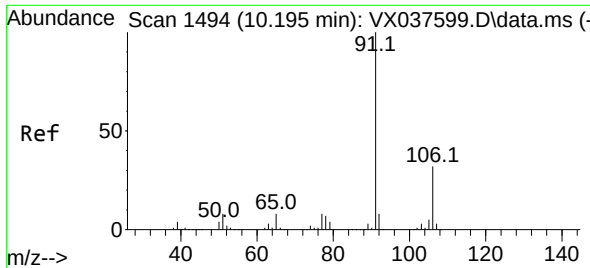


#66
1,1,1,2-Tetrachloroethane
Concen: 55.557 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



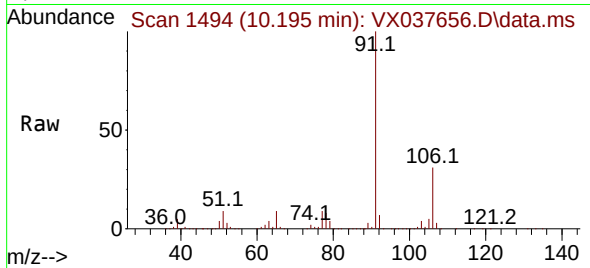
Tgt Ion:131 Resp: 139812
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.4
119 66.8 32.2 96.6





#67
Ethyl Benzene
Concen: 54.043 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

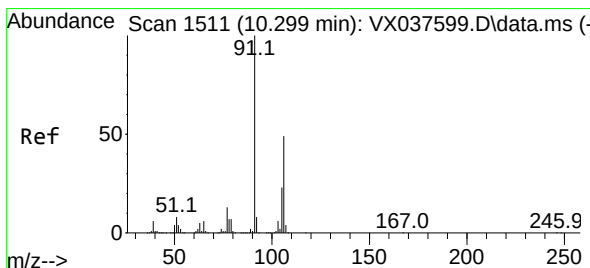
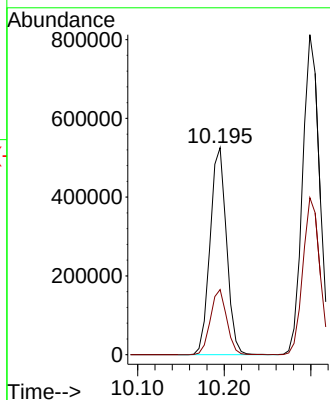
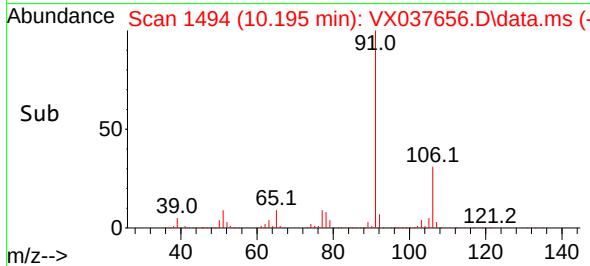
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



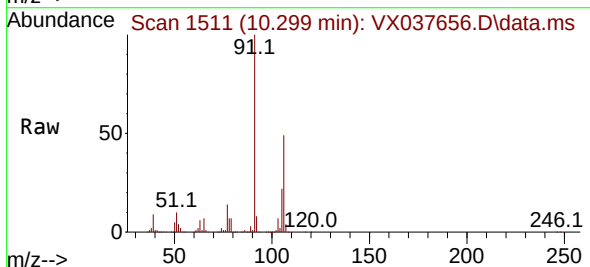
Tgt Ion: 91 Resp: 69300
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

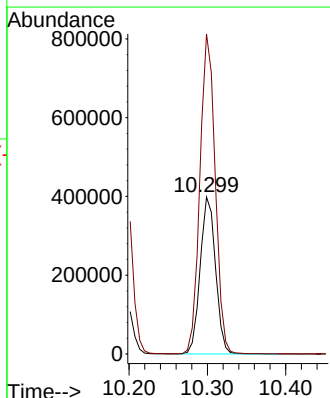
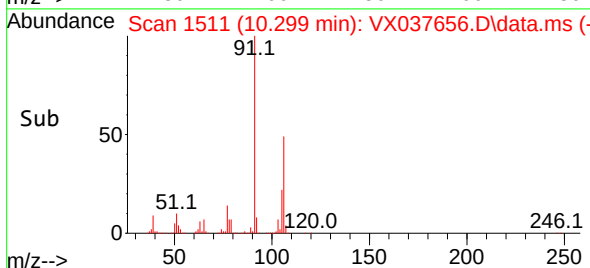
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

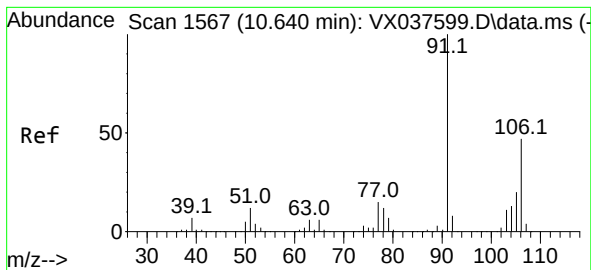


#68
m/p-Xylenes
Concen: 110.826 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



Tgt Ion:106 Resp: 541507
Ion Ratio Lower Upper
106 100
91 203.6 165.5 248.3





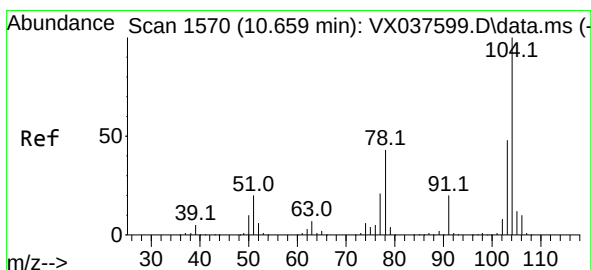
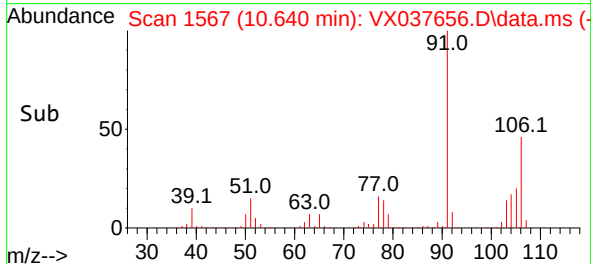
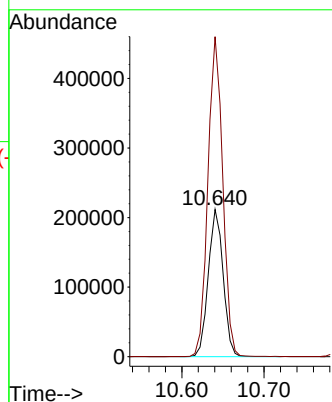
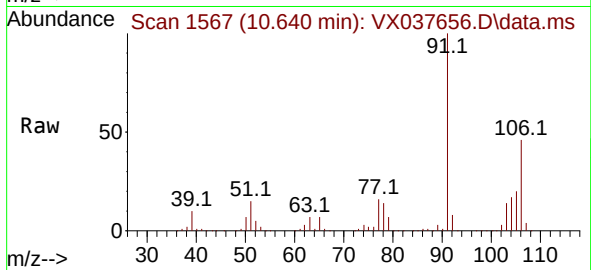
#69
o-Xylene
Concen: 54.948 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 266222
Ion Ratio Lower Upper
106 100
91 216.0 108.9 326.8

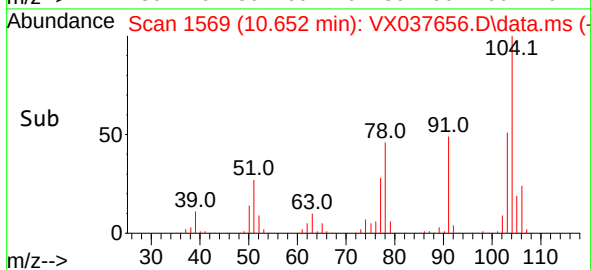
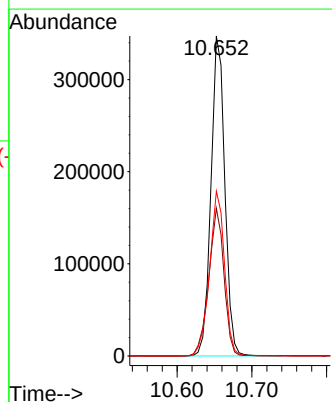
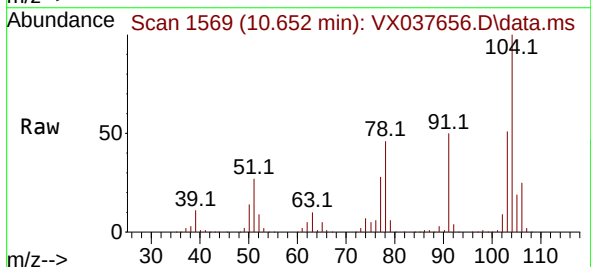
Manual Integrations
APPROVED

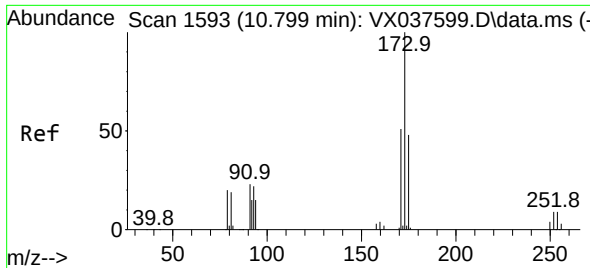
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#70
Styrene
Concen: 55.932 ug/l
RT: 10.652 min Scan# 1569
Delta R.T. -0.007 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

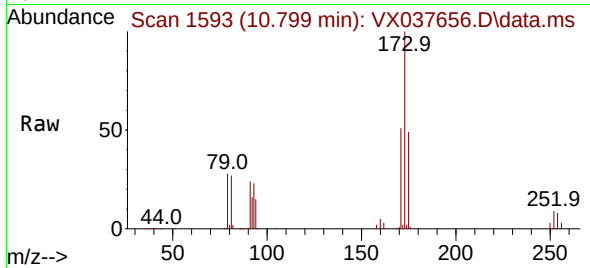
Tgt Ion:104 Resp: 447084
Ion Ratio Lower Upper
104 100
78 50.6 43.6 65.4
103 55.8 43.6 65.4





#71
Bromoform
Concen: 59.315 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

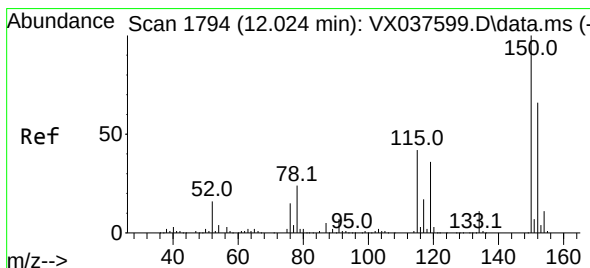
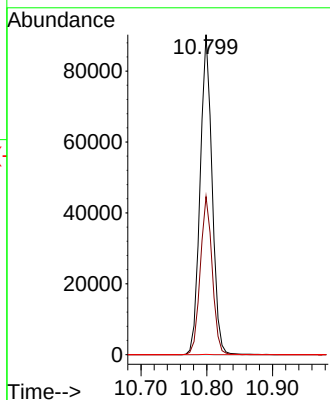
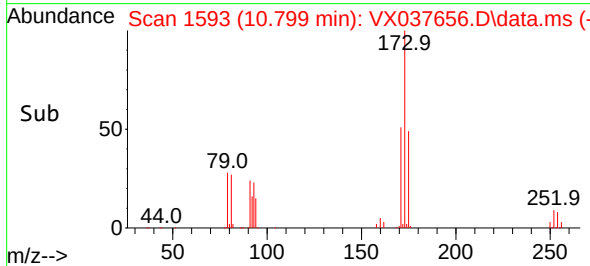
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 114100
Ion Ratio Lower Upper
173 100
175 49.3 24.1 72.4
254 0.1 0.0 0.0

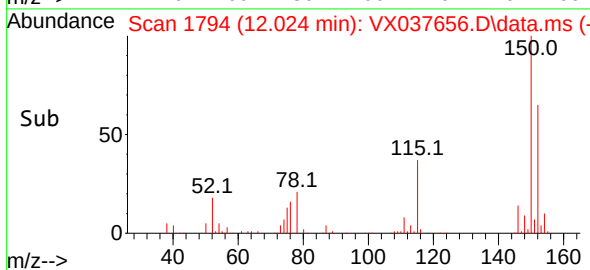
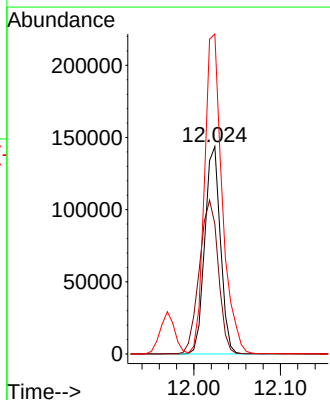
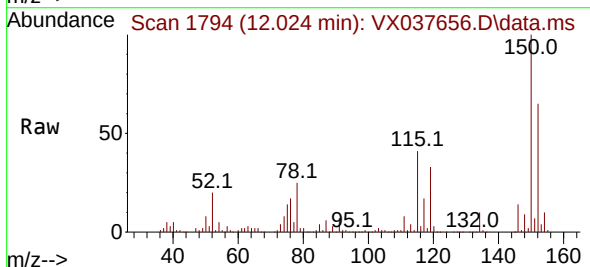
Manual Integrations
APPROVED

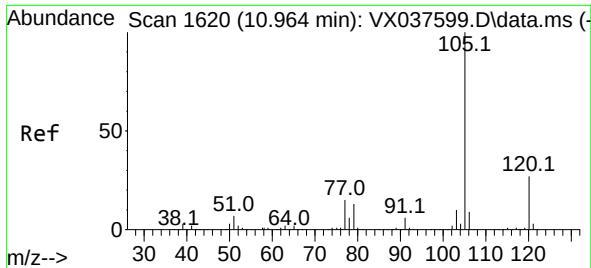
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

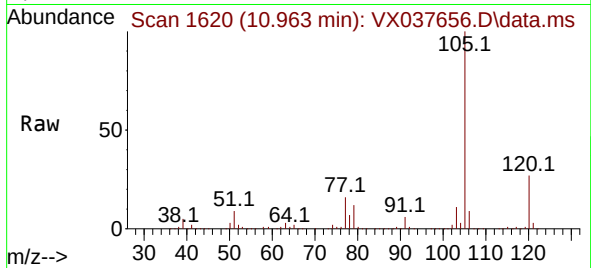
Tgt Ion:152 Resp: 179746
Ion Ratio Lower Upper
152 100
115 90.3 43.3 129.9
150 174.9 0.0 345.0





#73
Isopropylbenzene
Concen: 52.488 ug/l
RT: 10.963 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

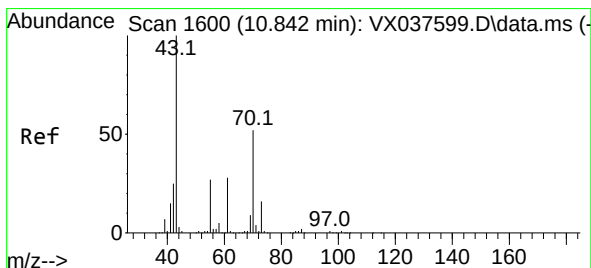
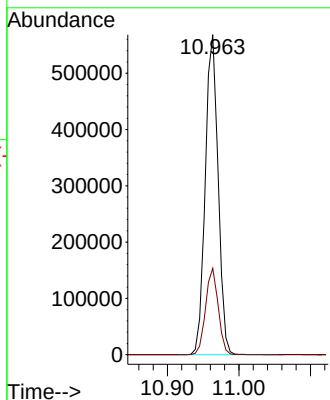
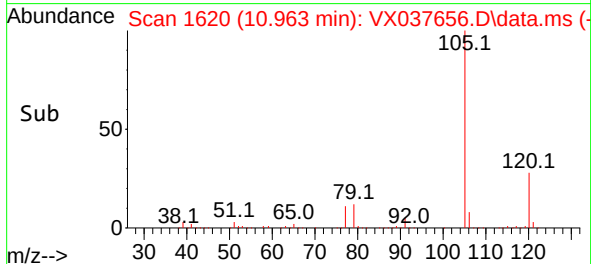
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



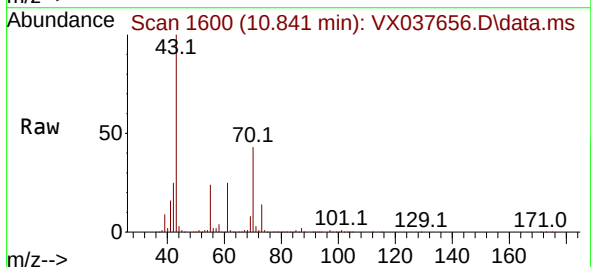
Tgt Ion:105 Resp: 70999
Ion Ratio Lower Upper
105 100
120 26.5 12.9 38.6

Manual Integrations
APPROVED

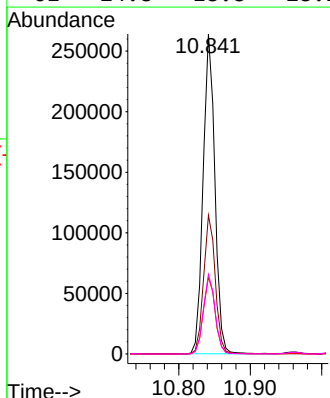
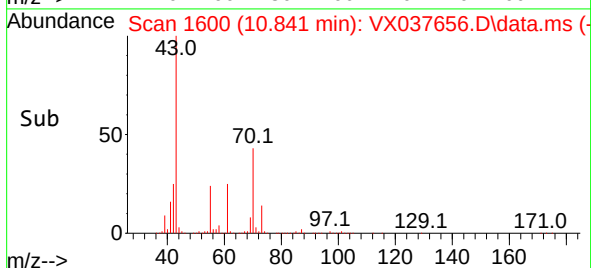
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

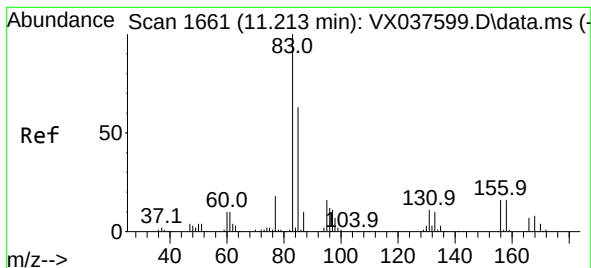


#74
N-ethyl acetate
Concen: 50.542 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



Tgt Ion: 43 Resp: 301803
Ion Ratio Lower Upper
43 100
70 43.4 32.9 49.3
55 24.4 19.3 28.9
61 24.8 18.8 28.2





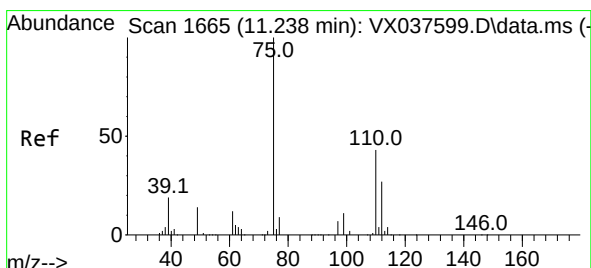
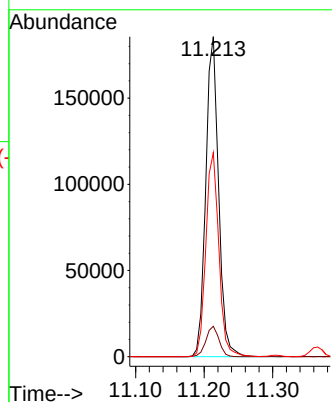
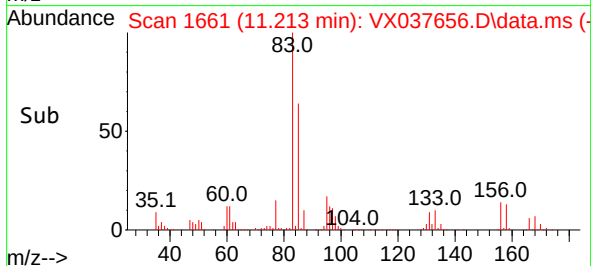
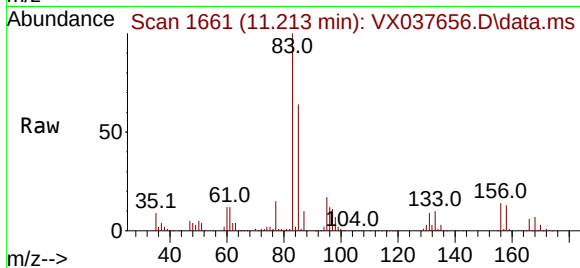
#75
1,1,2,2-Tetrachloroethane
Concen: 47.125 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 24168
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 64.8 32.0 96.2

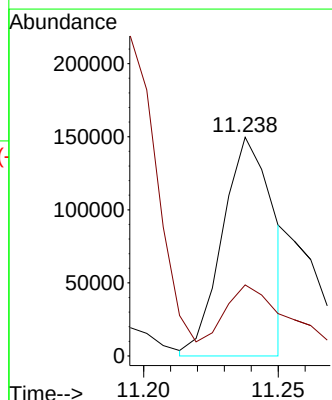
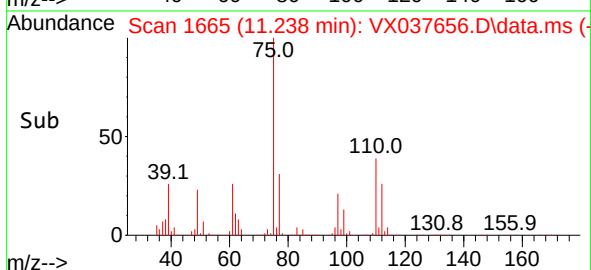
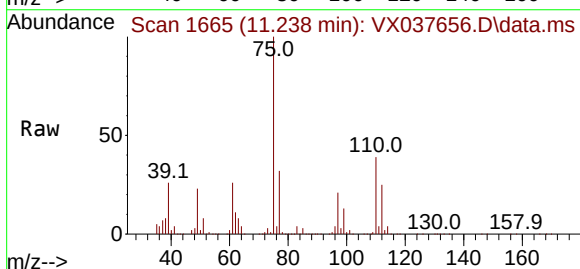
Manual Integrations
APPROVED

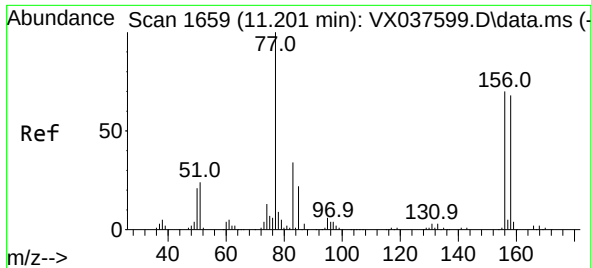
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#76
1,2,3-Trichloropropane
Concen: 48.184 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

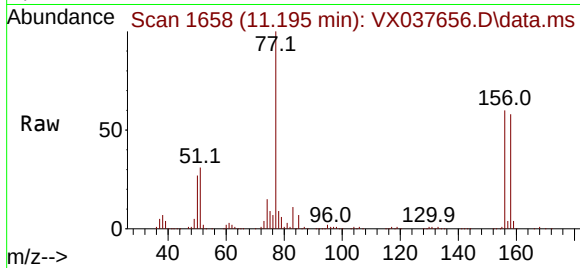
Tgt Ion: 75 Resp: 195778
Ion Ratio Lower Upper
75 100
77 43.3 19.1 57.5





#77
Bromobenzene
Concen: 51.626 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

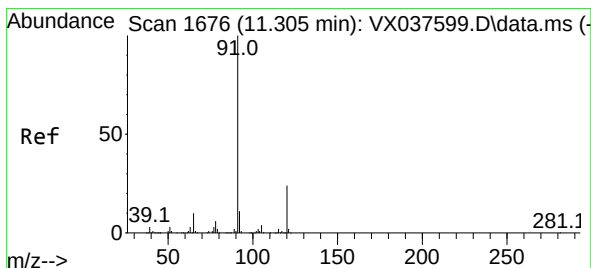
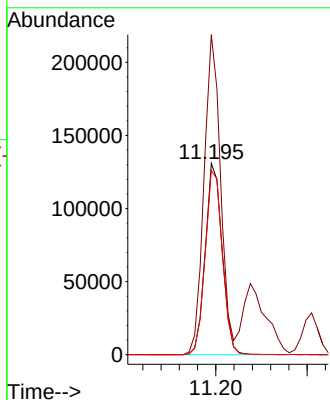
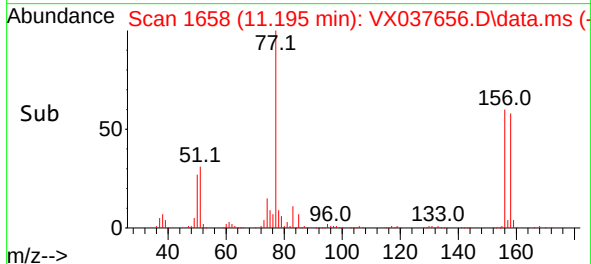
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



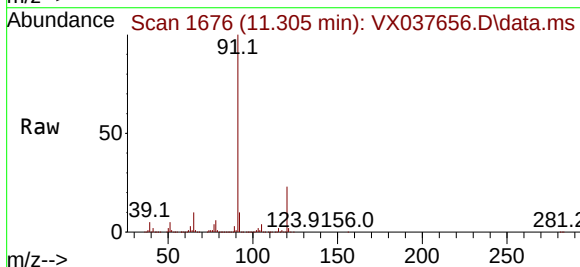
Tgt Ion:156 Resp: 167598
Ion Ratio Lower Upper
156 100
77 163.7 88.4 265.3
158 97.9 48.0 144.0

Manual Integrations
APPROVED

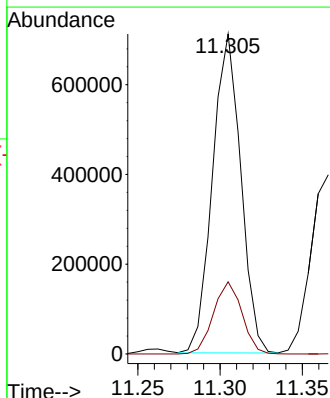
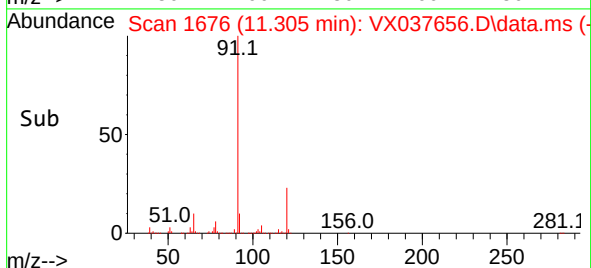
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023

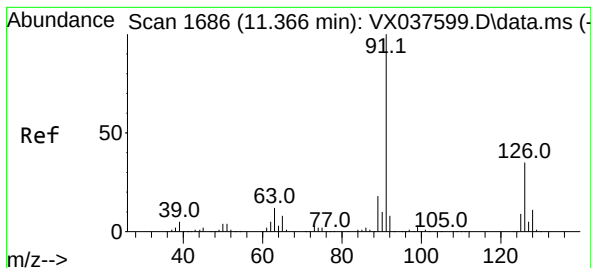


#78
n-propylbenzene
Concen: 54.452 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54



Tgt Ion: 91 Resp: 850106
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





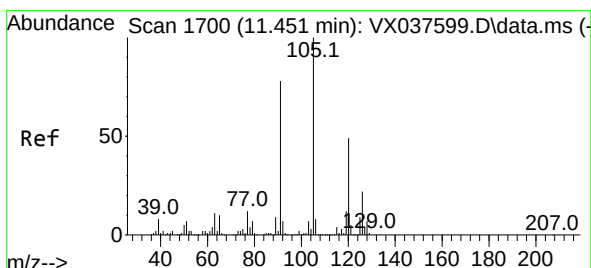
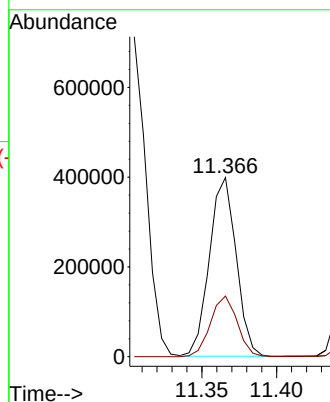
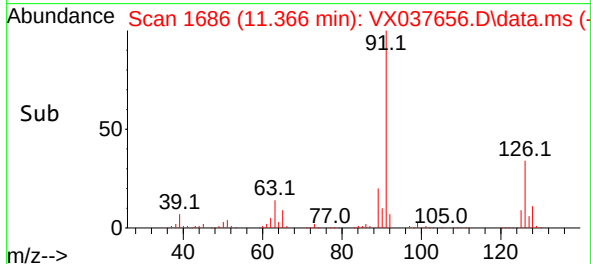
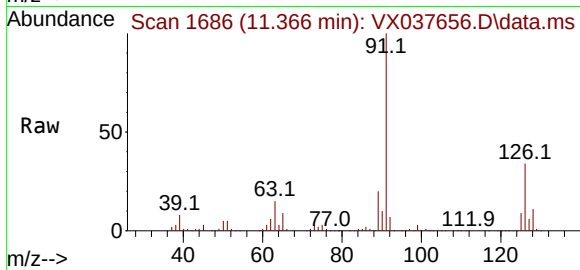
#79
2-Chlorotoluene
Concen: 51.656 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 49595
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8

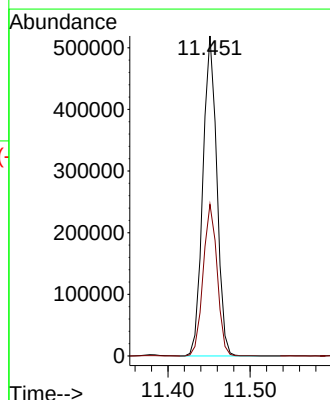
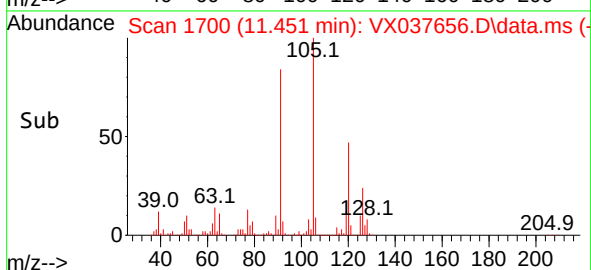
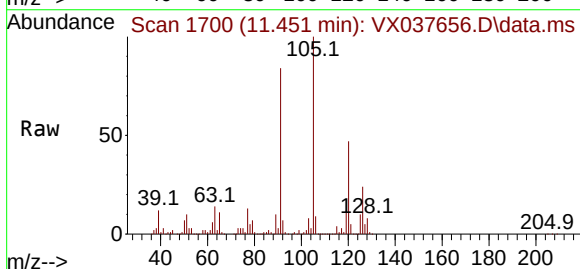
Manual Integrations
APPROVED

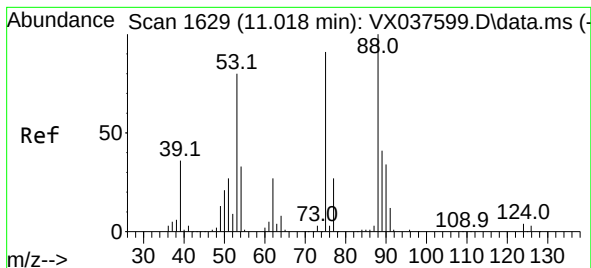
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.505 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion:105 Resp: 611392
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





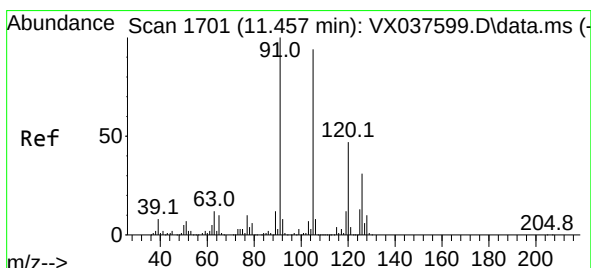
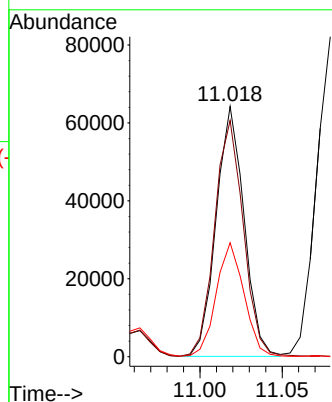
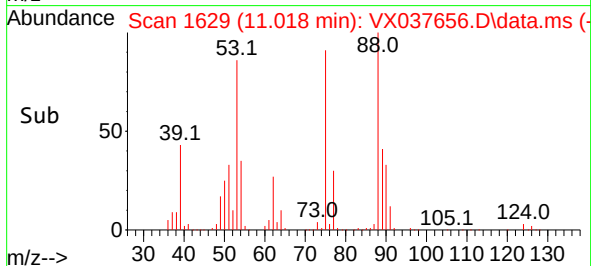
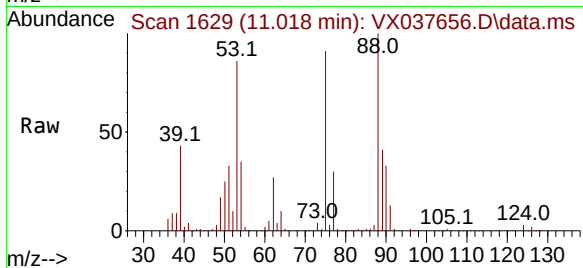
#81
trans-1,4-Dichloro-2-butene
Concen: 58.267 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 7574
Ion Ratio Lower Upper
75 100
53 97.1 90.5 135.7
89 45.3 36.9 55.3

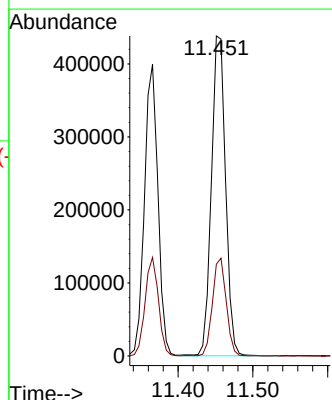
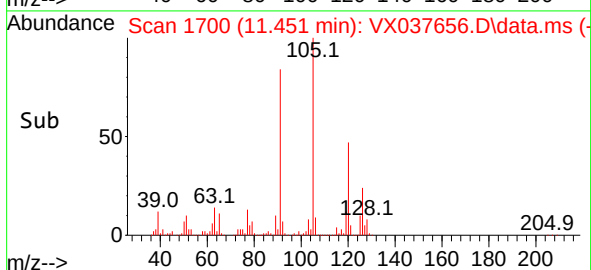
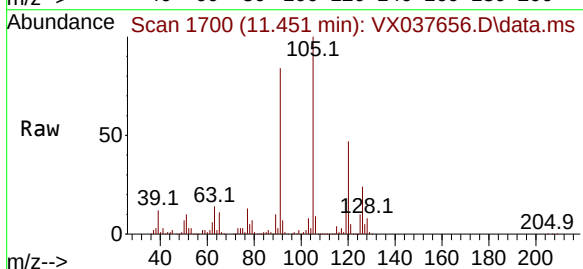
Manual Integrations
APPROVED

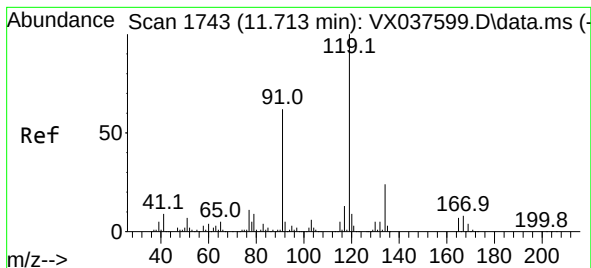
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#82
4-Chlorotoluene
Concen: 52.829 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion: 91 Resp: 577294
Ion Ratio Lower Upper
91 100
126 29.7 14.2 42.6





#83

tert-Butylbenzene

Concen: 53.413 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:119 Resp: 60856

Ion Ratio Lower Upper

119 100

91 59.3 31.2 93.6

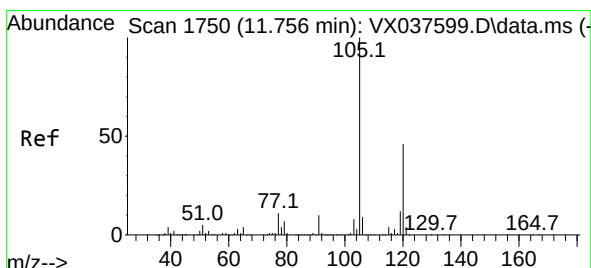
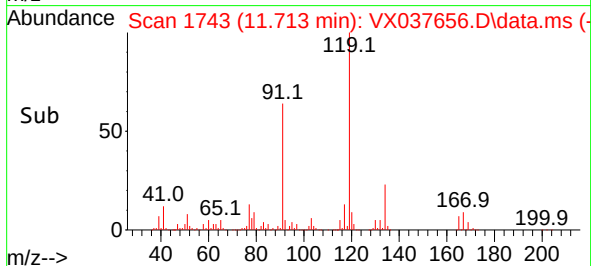
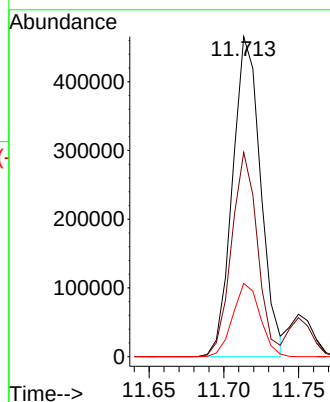
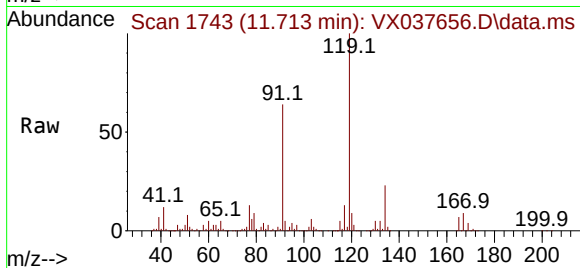
134 22.3 11.7 35.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#84

1,2,4-Trimethylbenzene

Concen: 53.849 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX037656.D

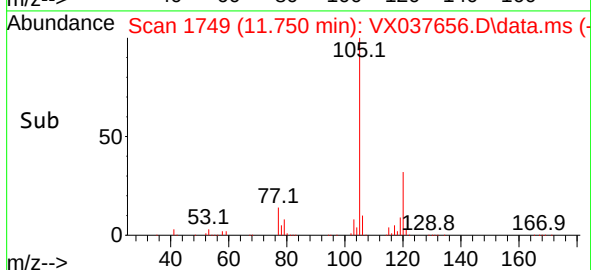
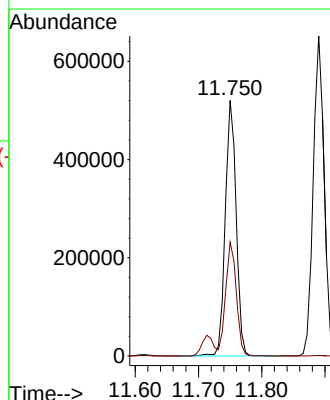
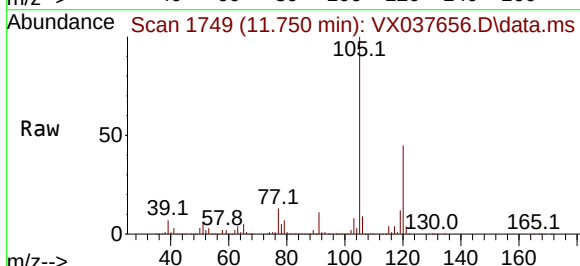
Acq: 12 Sep 2023 09:54

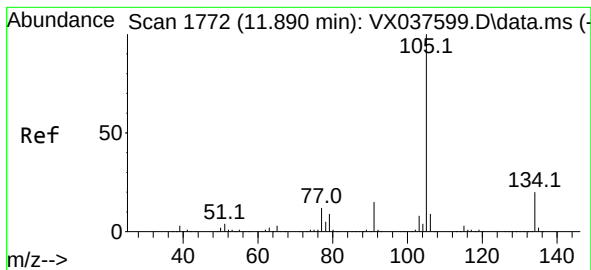
Tgt Ion:105 Resp: 618001

Ion Ratio Lower Upper

105 100

120 43.6 21.2 63.6





#85

sec-Butylbenzene

Concen: 55.351 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 781658

Ion Ratio Lower Upper

105 100

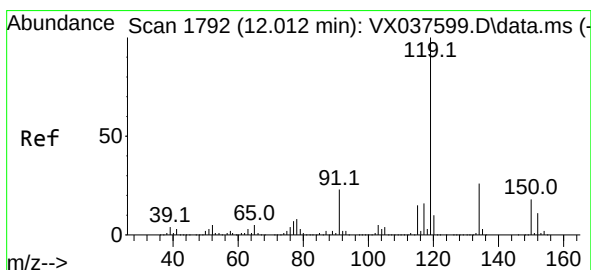
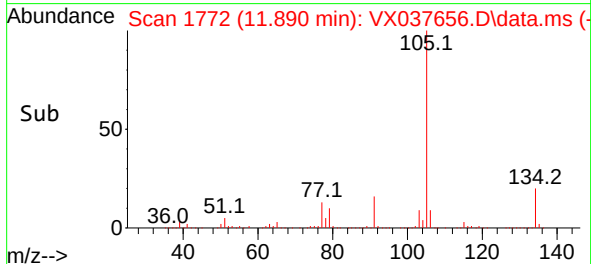
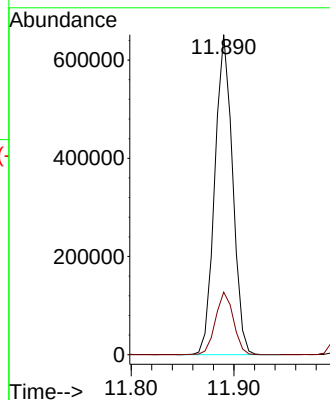
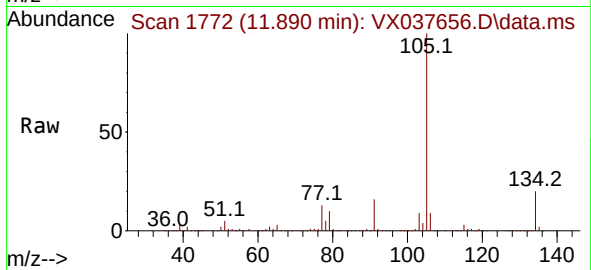
134 19.7 9.8 29.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#86

p-Isopropyltoluene

Concen: 56.523 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

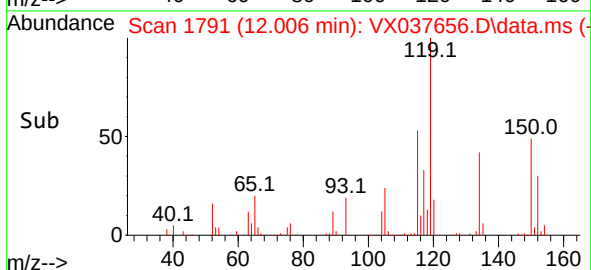
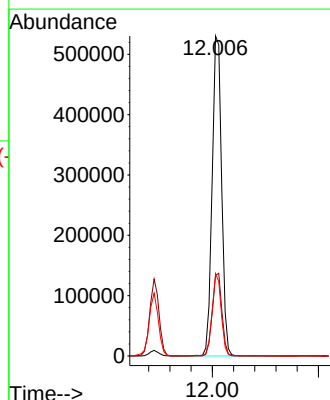
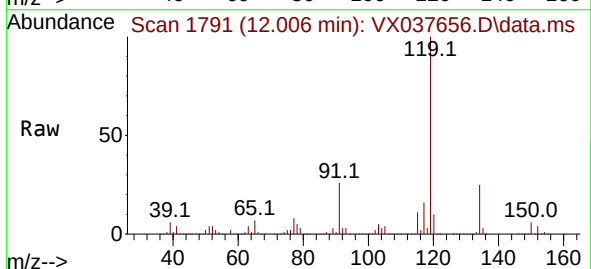
Tgt Ion:119 Resp: 657303

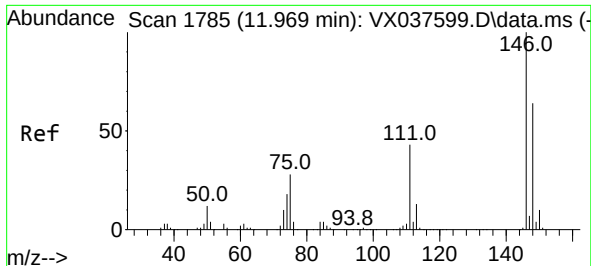
Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.3

91 24.6 13.1 39.3





#87

1,3-Dichlorobenzene

Concen: 53.150 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX037656.D

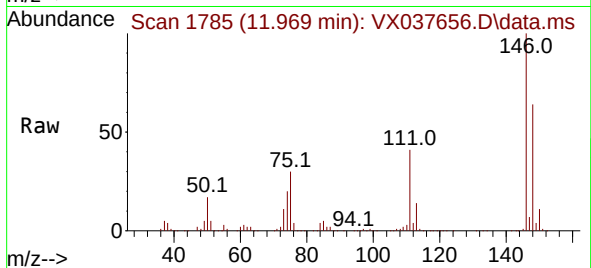
Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 327829

Ion Ratio Lower Upper

146 100

111 41.0 22.1 66.1

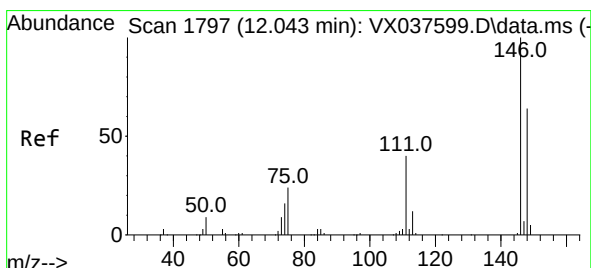
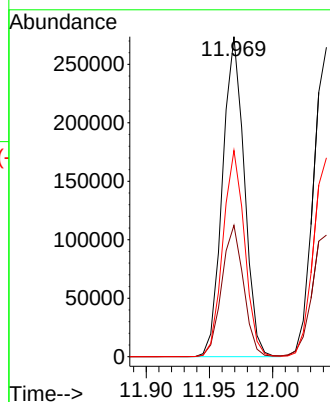
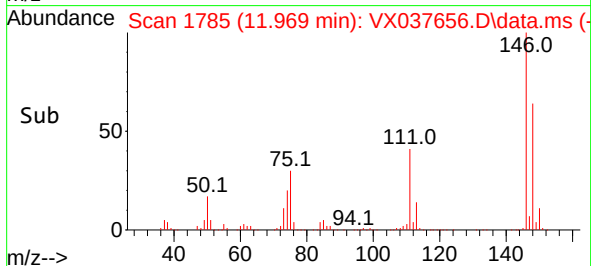
148 64.0 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#88

1,4-Dichlorobenzene

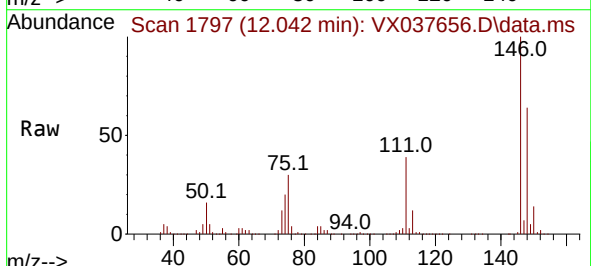
Concen: 51.374 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54



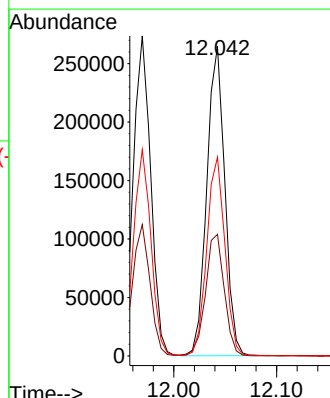
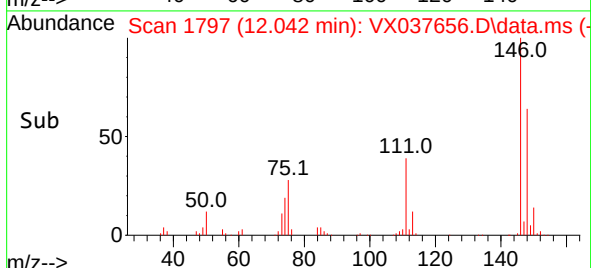
Tgt Ion:146 Resp: 322597

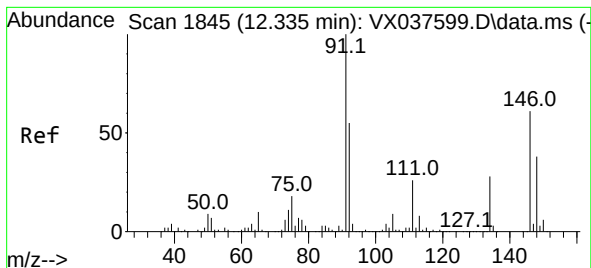
Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.7

148 64.9 31.8 95.4





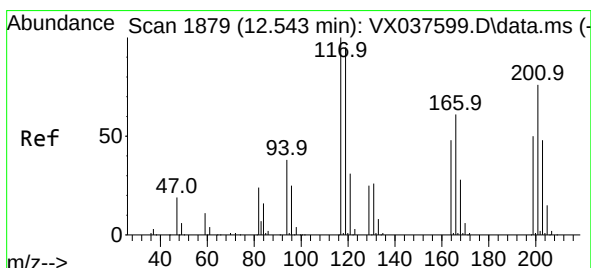
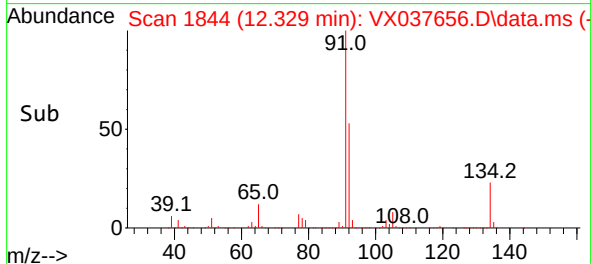
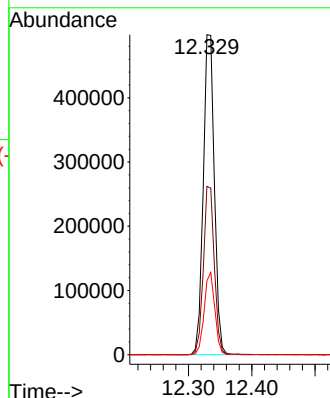
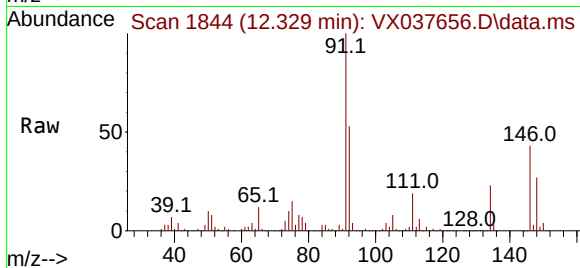
#89
n-Butylbenzene
Concen: 58.530 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 60930
Ion Ratio Lower Upper
91 100
92 52.0 27.4 82.0
134 24.6 12.6 37.8

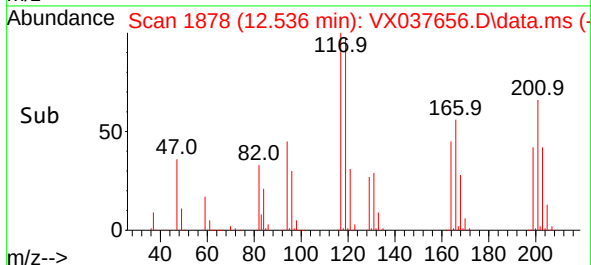
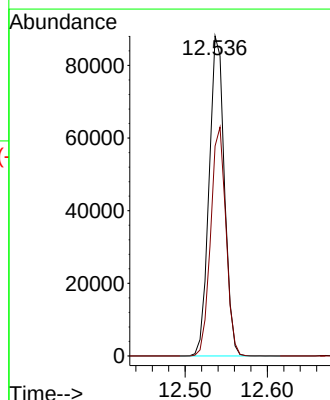
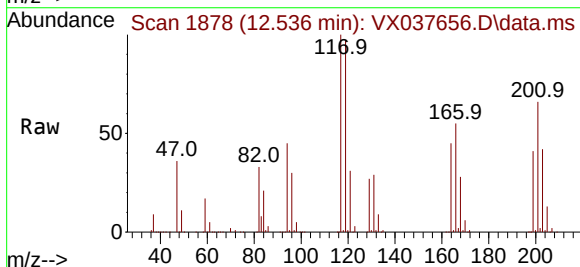
Manual Integrations
APPROVED

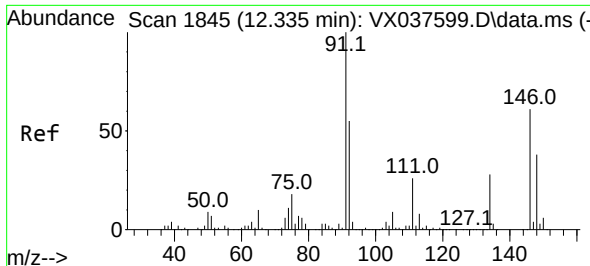
Reviewed By :John Carlone 09/13/2023
Supervised By :Mahesh Dadoda 09/13/2023



#90
Hexachloroethane
Concen: 58.034 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX037656.D
Acq: 12 Sep 2023 09:54

Tgt Ion:117 Resp: 114099
Ion Ratio Lower Upper
117 100
201 71.0 32.9 98.6





#91

1,2-Dichlorobenzene

Concen: 51.020 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 32000

Ion Ratio Lower Upper

146 100

111 42.6 22.4 67.0

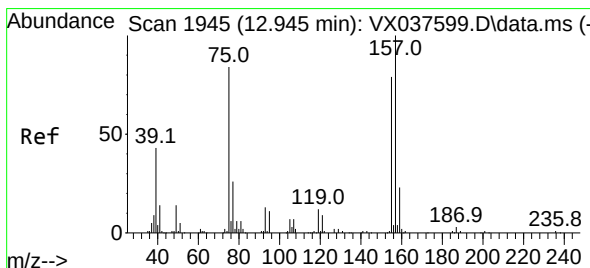
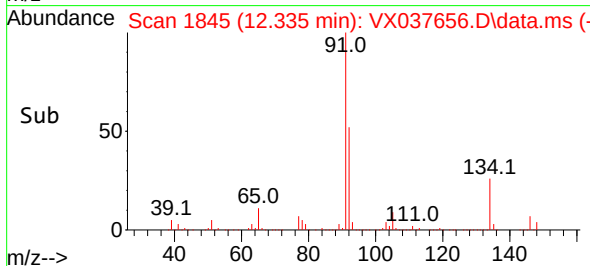
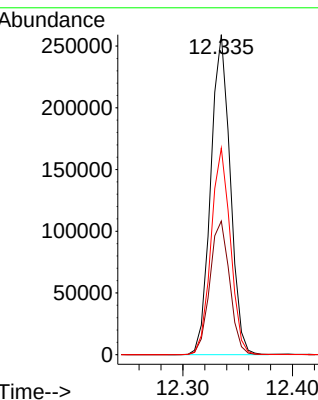
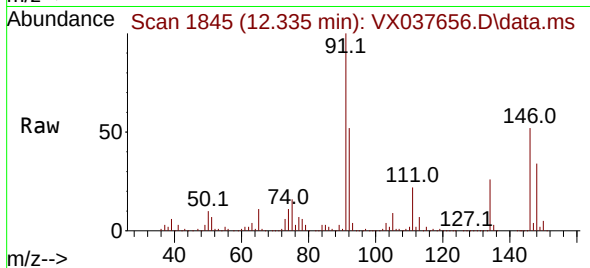
148 64.3 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.584 ug/l

RT: 12.939 min Scan# 1944

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

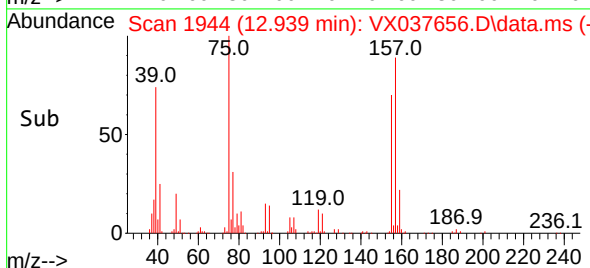
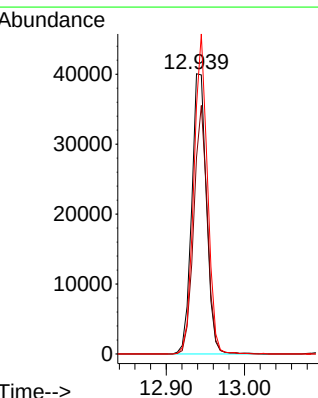
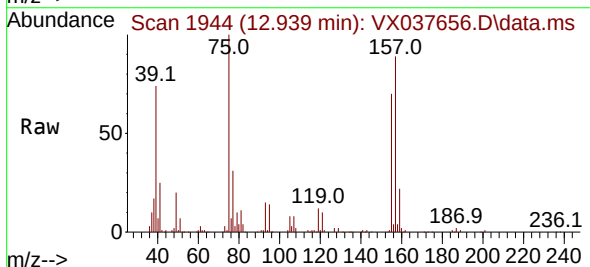
Tgt Ion: 75 Resp: 52332

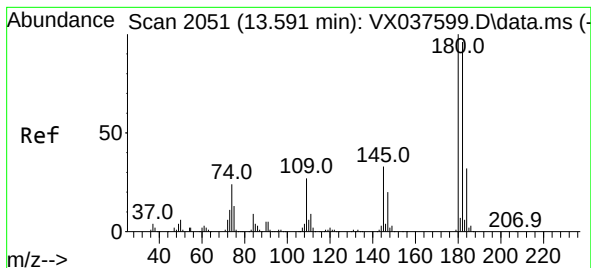
Ion Ratio Lower Upper

75 100

155 81.6 36.1 108.5

157 104.9 44.9 134.7





#93

1,2,4-Trichlorobenzene

Concen: 55.342 ug/l

RT: 13.585 min Scan# 2051

Delta R.T. -0.006 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

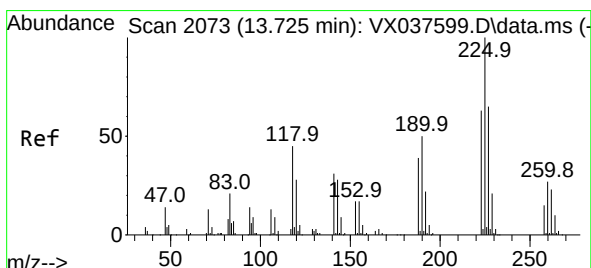
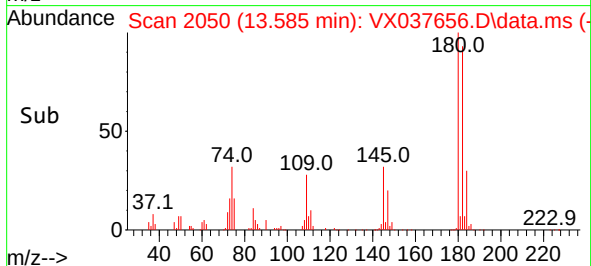
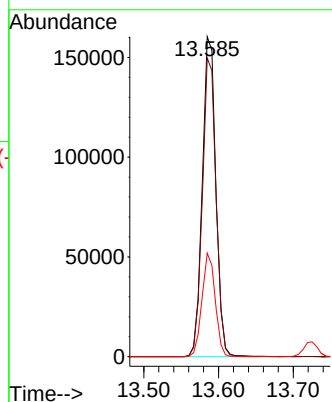
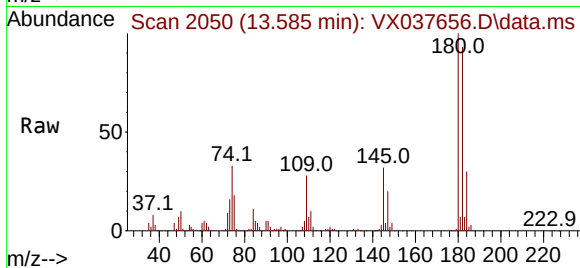
Tgt Ion:180	Resp:	20161
Ion Ratio	Lower	Upper
180	100	
182	94.2	48.3 144.8
145	31.6	18.0 54.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#94

Hexachlorobutadiene

Concen: 56.003 ug/l

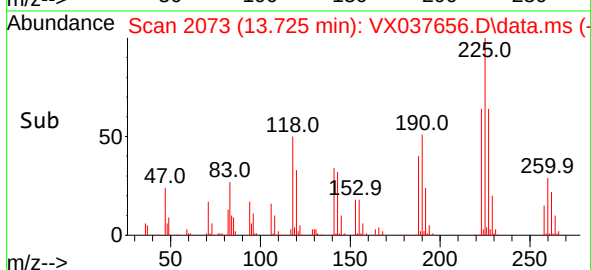
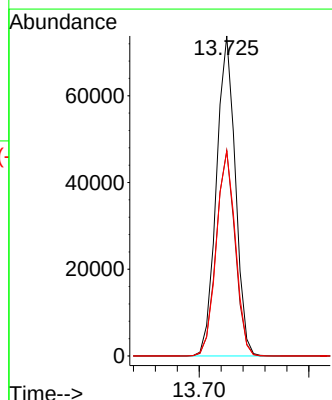
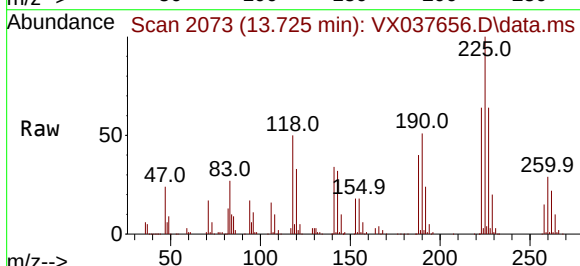
RT: 13.725 min Scan# 2073

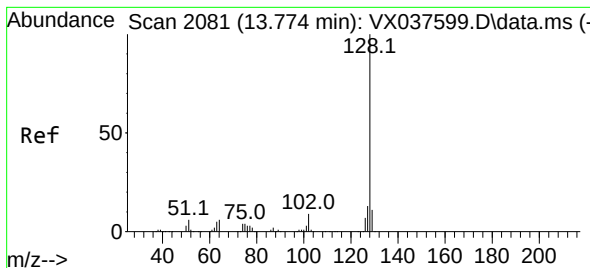
Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Tgt Ion:225	Resp:	88425
Ion Ratio	Lower	Upper
225	100	
223	63.9	31.1 93.2
227	64.6	32.5 97.5





#95

Naphthalene

Concen: 51.405 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 677902

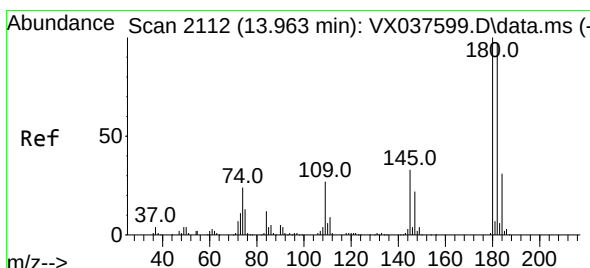
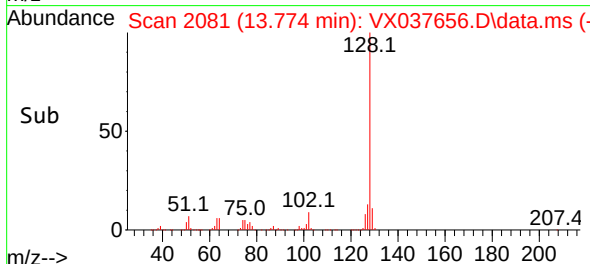
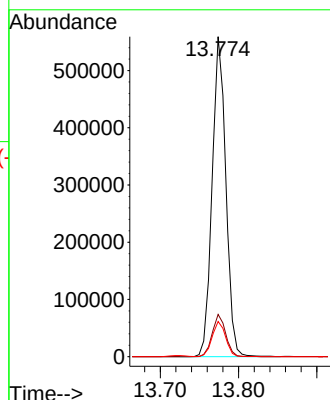
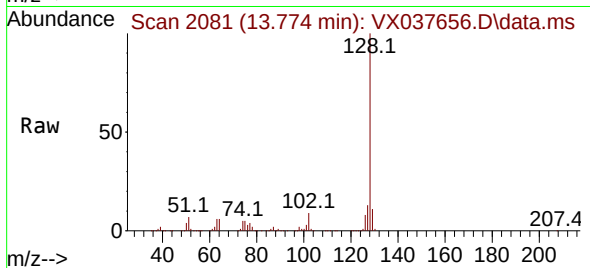
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.3	15.5
129	10.9	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/13/2023

Supervised By :Mahesh Dadoda 09/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 53.024 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX037656.D

Acq: 12 Sep 2023 09:54

Tgt Ion:180 Resp: 199199

Ion	Ratio	Lower	Upper
180	100		
182	95.8	46.9	140.6
145	34.4	17.8	53.5

