

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103123\
 Data File : VY016146.D
 Acq On : 31 Oct 2023 14:13
 Operator : SY/MD
 Sample : VSTDIC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:17:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:01:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	175317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	237247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	111749	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	177148	107.984	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 215.960%#	
35) Dibromofluoromethane	7.728	113	175449	107.311	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 214.620%#	
50) Toluene-d8	10.191	98	713832	110.121	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 220.240%#	
62) 4-Bromofluorobenzene	12.489	95	237786	107.276	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 214.560%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	121397	108.552	ug/l	98
3) Chloromethane	2.119	50	158071	102.088	ug/l	99
4) Vinyl Chloride	2.253	62	173414	108.513	ug/l	97
5) Bromomethane	2.650	94	116831	108.327	ug/l	99
6) Chloroethane	2.796	64	121274	107.791	ug/l	92
7) Trichlorofluoromethane	3.131	101	257787	106.850	ug/l	98
8) Diethyl Ether	3.534	74	86560	108.251	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	160058	105.308	ug/l	97
10) Methyl Iodide	4.100	142	188892	111.763	ug/l	98
11) Tert butyl alcohol	4.966	59	58438	476.773	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	146935	105.918	ug/l	91
13) Acrolein	3.735	56	58665	530.303	ug/l	99
14) Allyl chloride	4.485	41	211201	106.438	ug/l #	94
15) Acrylonitrile	5.167	53	184309	539.403	ug/l	97
16) Acetone	3.954	43	135701	540.354	ug/l	93
17) Carbon Disulfide	4.204	76	381516	110.156	ug/l	98
18) Methyl Acetate	4.485	43	141565	107.304	ug/l #	89
19) Methyl tert-butyl Ether	5.228	73	434808	110.190	ug/l	99
20) Methylene Chloride	4.722	84	169956	105.221	ug/l	90
21) trans-1,2-Dichloroethene	5.228	96	172552	106.784	ug/l	95
22) Diisopropyl ether	6.131	45	523643	109.106	ug/l	88
23) Vinyl Acetate	6.070	43	1292646	548.563	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	310048	107.941	ug/l	97
25) 2-Butanone	6.990	43	231699	511.932	ug/l	91
26) 2,2-Dichloropropane	6.990	77	294345	108.402	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	204589	107.585	ug/l	93
28) Bromochloromethane	7.344	49	109213	101.606	ug/l	88
29) Tetrahydrofuran	7.356	42	153407	540.709	ug/l	89
30) Chloroform	7.515	83	331809	106.103	ug/l	98
31) Cyclohexane	7.795	56	251003	99.532	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	304527	106.183	ug/l	97
36) 1,1-Dichloropropene	7.929	75	249408	105.643	ug/l	99
37) Ethyl Acetate	7.082	43	112550	107.035	ug/l	95
38) Carbon Tetrachloride	7.911	117	262069	112.046	ug/l	98
39) Methylcyclohexane	9.191	83	304875	108.186	ug/l	94
40) Benzene	8.167	78	717783	105.903	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	62108	101.757	ug/l	91
42) 1,2-Dichloroethane	8.246	62	199540	105.496	ug/l	94
43) Isopropyl Acetate	8.283	43	227788	109.515	ug/l	93
44) Trichloroethene	8.947	130	209942	105.847	ug/l	97
45) 1,2-Dichloropropane	9.228	63	176990	108.551	ug/l	97
46) Dibromomethane	9.313	93	99397	107.465	ug/l	97
47) Bromodichloromethane	9.508	83	255551	108.744	ug/l	98
48) Methyl methacrylate	9.301	41	104898	110.908	ug/l	89
49) 1,4-Dioxane	9.307	88	22865	2163.669	ug/l #	71
51) 4-Methyl-2-Pentanone	10.081	43	568017	547.310	ug/l	91
52) Toluene	10.252	92	471864	107.438	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	257709	109.852	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	299726	108.882	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	139469	107.198	ug/l	96
56) Ethyl methacrylate	10.520	69	191322	113.231	ug/l	87
57) 1,3-Dichloropropane	10.801	76	236159	106.624	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	435026	530.956	ug/l	92
59) 2-Hexanone	10.843	43	389863	548.186	ug/l	89
60) Dibromochloromethane	10.996	129	176482	108.123	ug/l	99
61) 1,2-Dibromoethane	11.099	107	132810	107.320	ug/l	100
64) Tetrachloroethene	10.727	164	217444	103.040	ug/l	98
65) Chlorobenzene	11.526	112	503663	106.854	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	189668	108.640	ug/l	99
67) Ethyl Benzene	11.605	91	919035	109.010	ug/l	97
68) m/p-Xylenes	11.715	106	709967	217.931	ug/l	94
69) o-Xylene	12.038	106	339632	109.190	ug/l	96
70) Styrene	12.056	104	566005	109.460	ug/l	97
71) Bromoform	12.215	173	107008	110.486	ug/l #	99
73) Isopropylbenzene	12.337	105	904020	107.845	ug/l	100
74) N-amyl acetate	12.154	43	205226	112.663	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.593	83	144097	108.029	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	200282	169.840	ug/l #	100
77) Bromobenzene	12.617	156	204141	107.551	ug/l	95
78) n-propylbenzene	12.684	91	1061894	107.149	ug/l	99
79) 2-Chlorotoluene	12.770	91	590456	106.822	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	730138	107.511	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	54406	112.096	ug/l	92
82) 4-Chlorotoluene	12.867	91	606764	106.900	ug/l	98
83) tert-Butylbenzene	13.087	119	654330	107.681	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	715166	106.424	ug/l	98
85) sec-Butylbenzene	13.263	105	951863	106.727	ug/l	99
86) p-Isopropyltoluene	13.379	119	790832	106.988	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	399893	106.527	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	390557	105.265	ug/l	99
89) n-Butylbenzene	13.702	91	711467	104.753	ug/l	96
90) Hexachloroethane	13.971	117	144163	113.174	ug/l	92
91) 1,2-Dichlorobenzene	13.751	146	345148	106.415	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	24233	101.513	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	202655	101.232	ug/l	99
94) Hexachlorobutadiene	15.123	225	105534	96.473	ug/l	99
95) Naphthalene	15.245	128	404853	104.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	173183	101.272	ug/l	99

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ClientSampleId :

Quant Time: Nov 01 03:17:54 2023
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Quant Title : SW846 8260
QLast Update : Wed Nov 01 03:01:33 2023
Response via : Initial Calibration

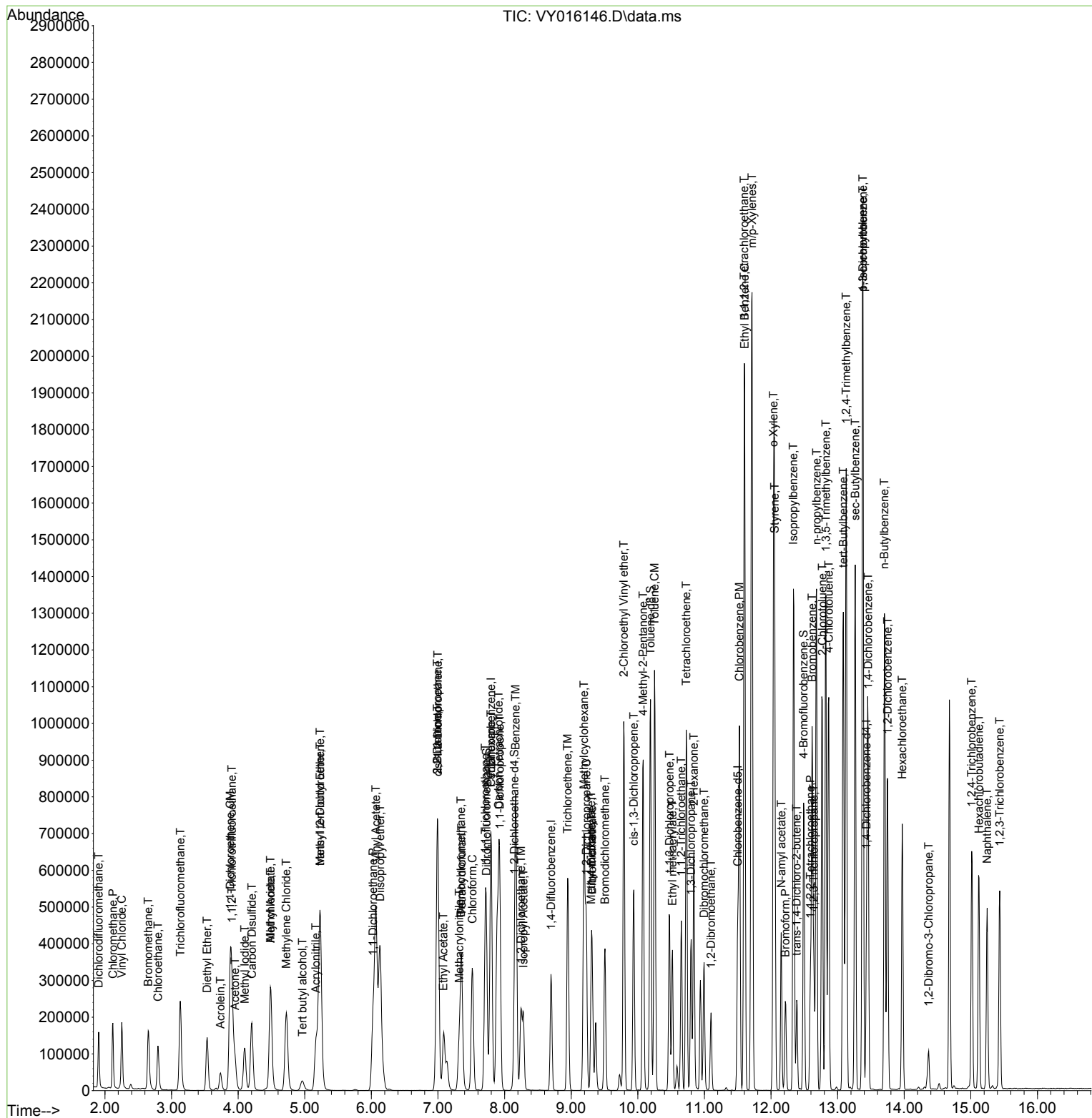
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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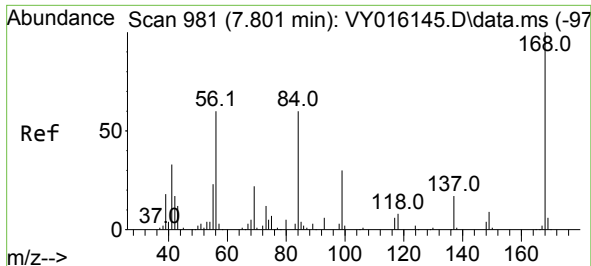
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY0103123\
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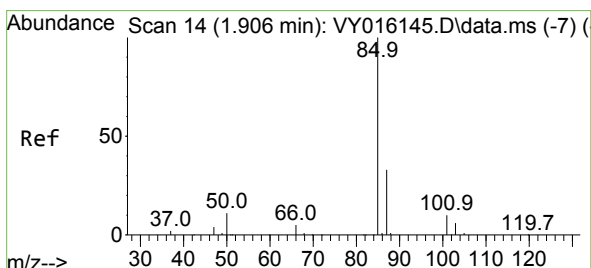
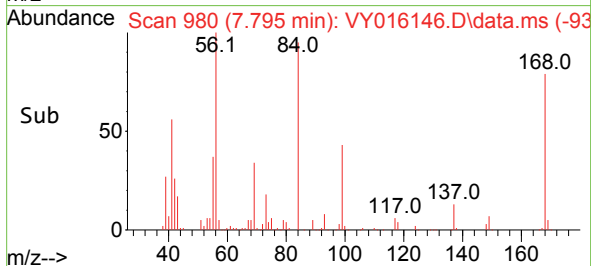
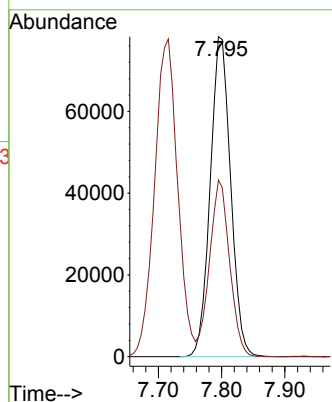
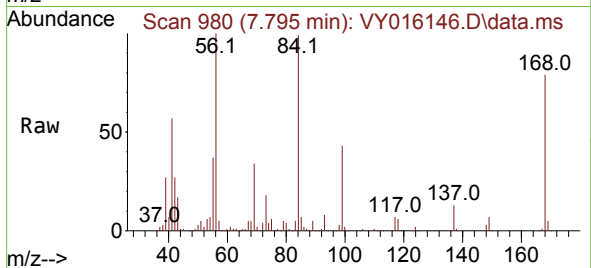




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
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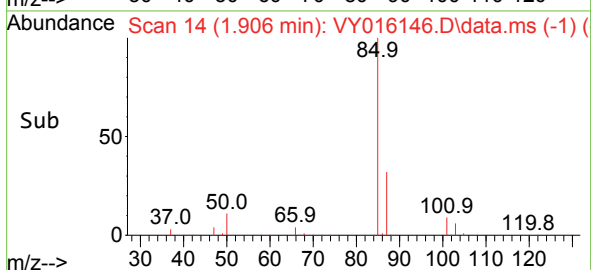
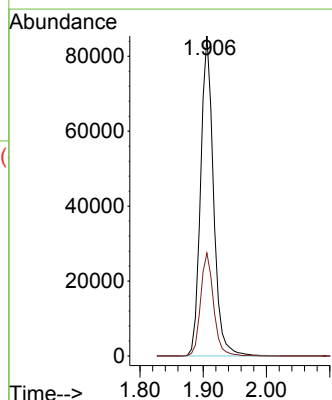
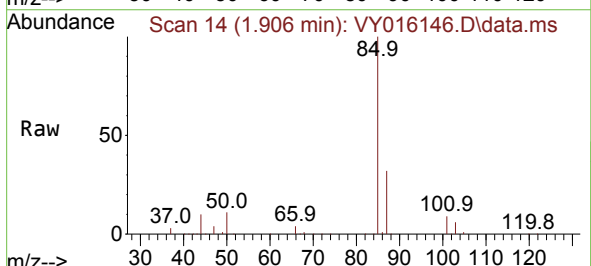
Instrument :
MSVOA_Y
ClientSampleId :

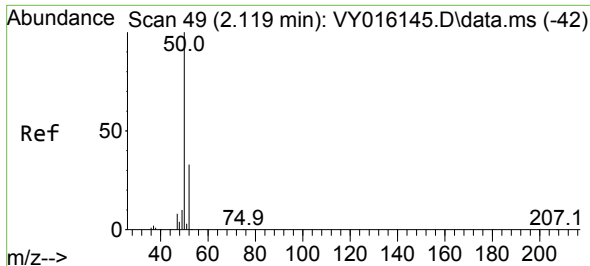
Tgt Ion:168 Resp: 175317
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 108.552 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 85 Resp: 121397
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8

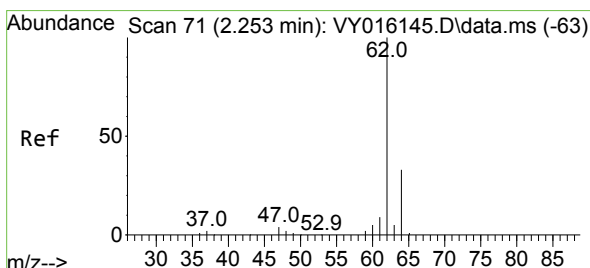
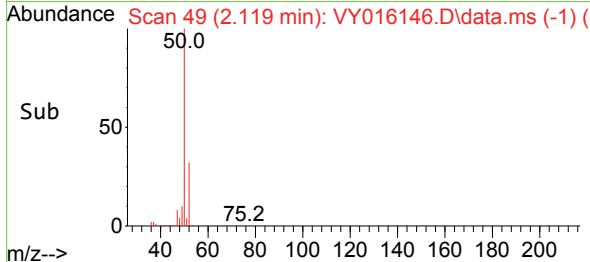
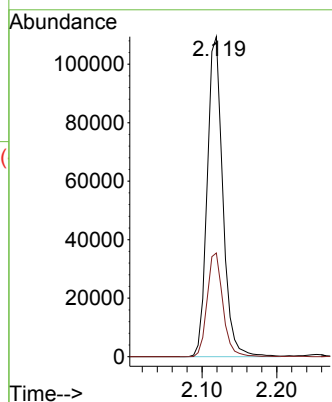
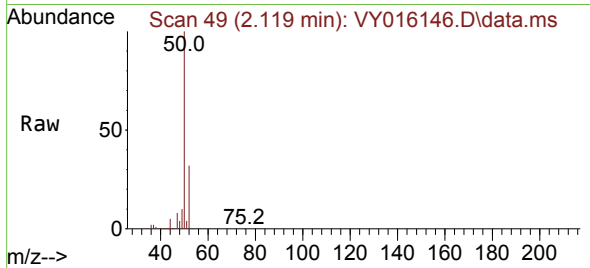




#3
Chloromethane
Concen: 102.088 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

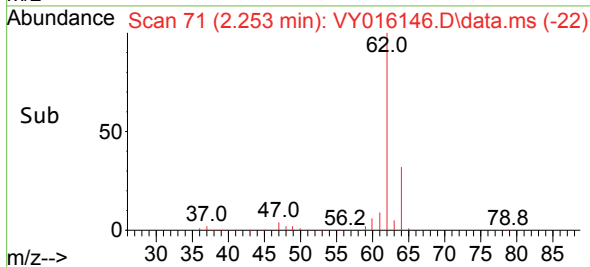
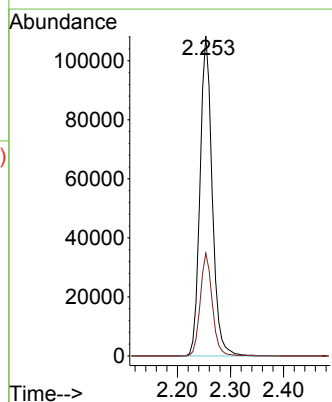
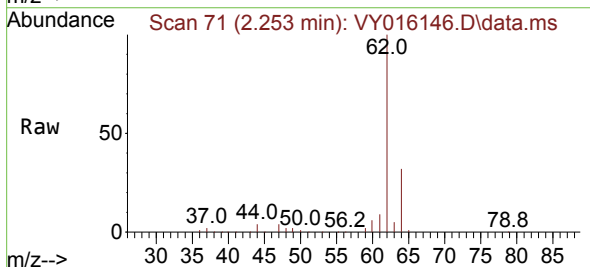
Instrument :
MSVOA_Y
ClientSampleId :

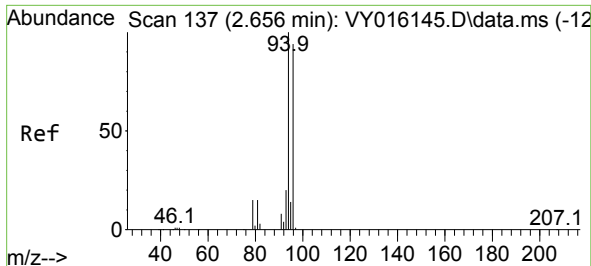
Tgt Ion: 50 Resp: 158071
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 108.513 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 62 Resp: 173414
Ion Ratio Lower Upper
62 100
64 32.1 24.3 36.5





#5

Bromomethane

Concen: 108.327 ug/l

RT: 2.650 min Scan# 11

Delta R.T. -0.006 min

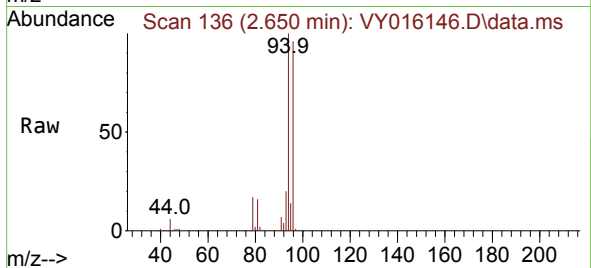
Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

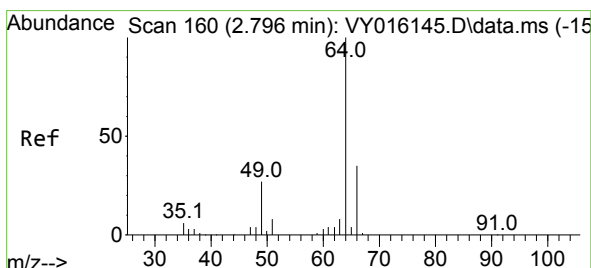
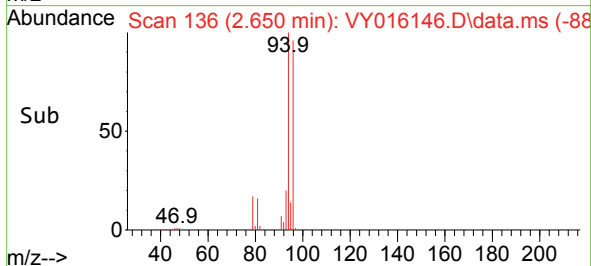
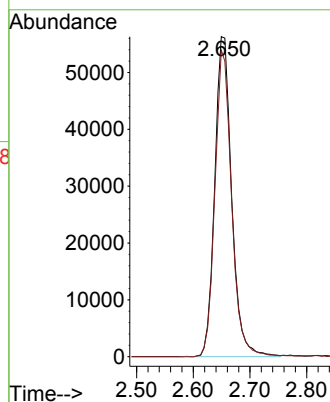


Tgt Ion: 94 Resp: 116831

Ion Ratio Lower Upper

94 100

96 95.8 75.8 113.6



#6

Chloroethane

Concen: 107.791 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.000 min

Lab File: VY016146.D

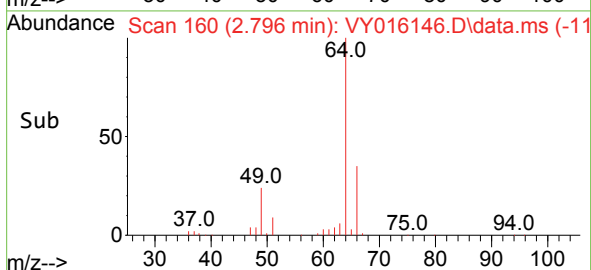
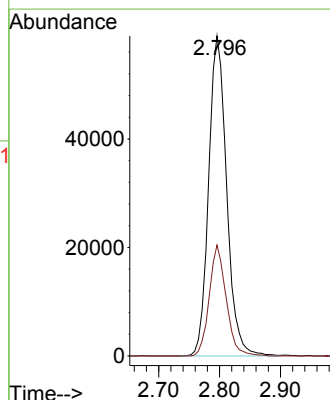
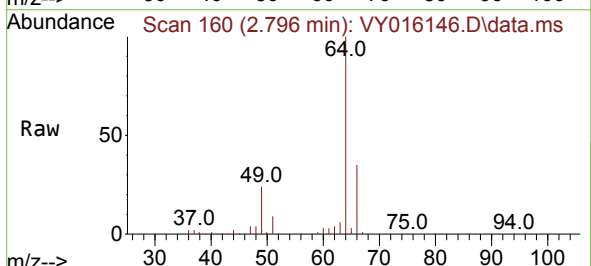
Acq: 31 Oct 2023 14:13

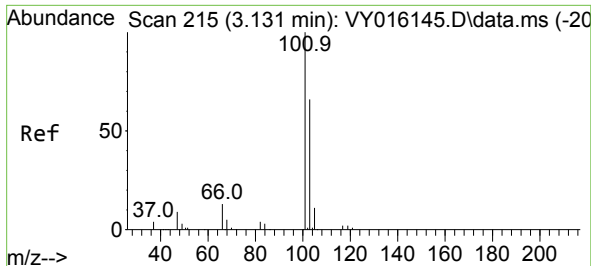
Tgt Ion: 64 Resp: 121274

Ion Ratio Lower Upper

64 100

66 34.6 24.4 36.6

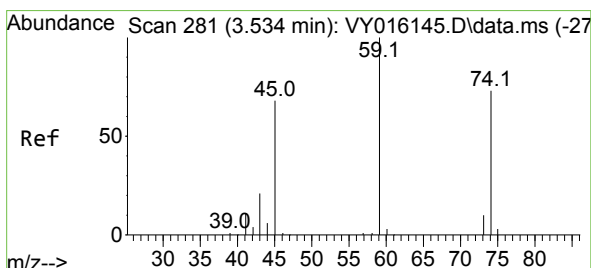
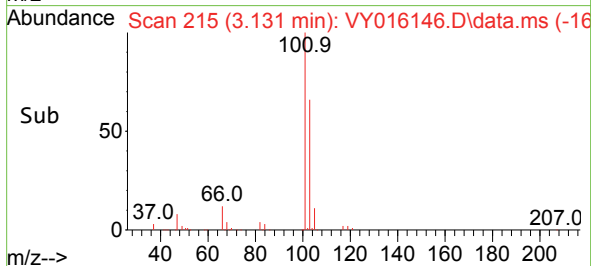
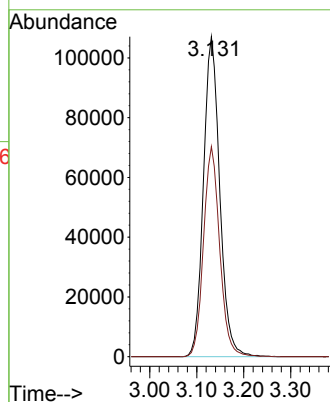
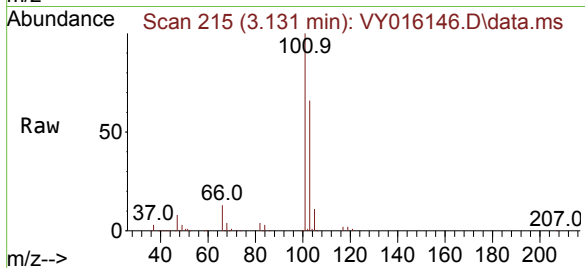




#7
 Trichlorofluoromethane
 Concen: 106.850 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY016146.D
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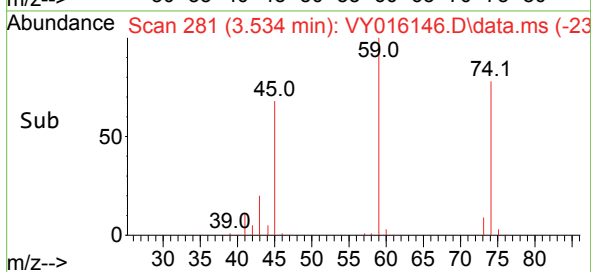
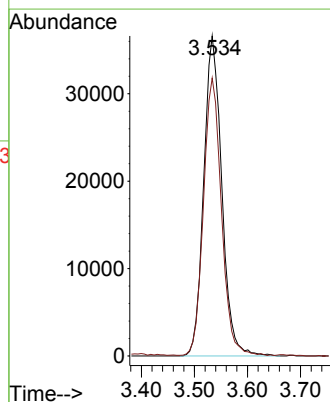
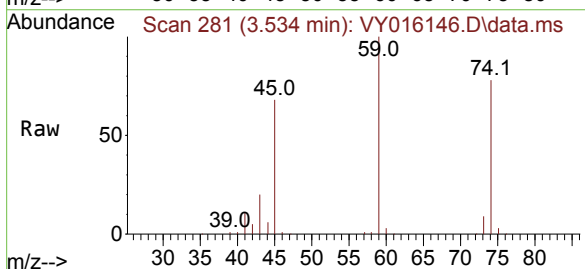
Instrument :
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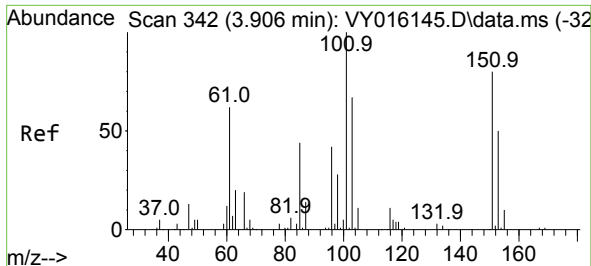
Tgt Ion:101 Resp: 257787
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 108.251 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 86560
 Ion Ratio Lower Upper
 74 100
 45 86.4 51.5 154.5

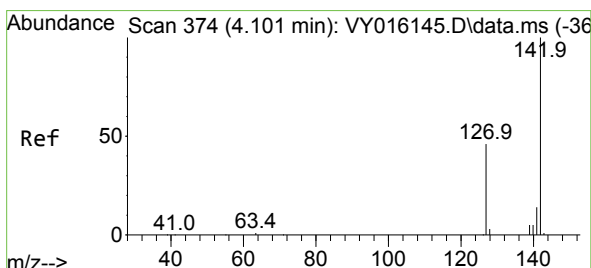
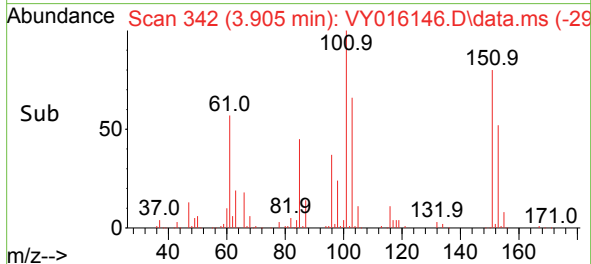
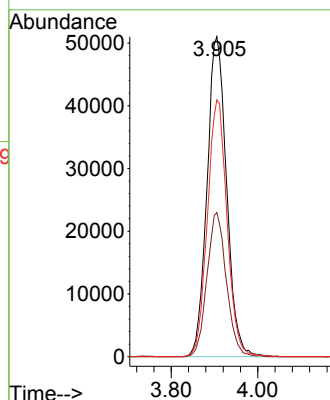
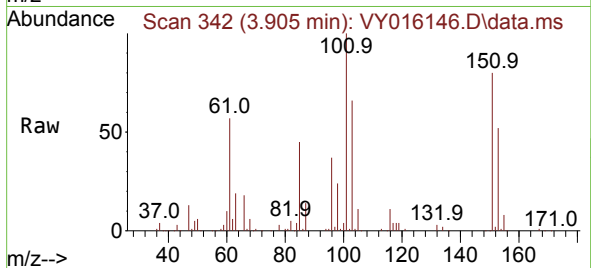




#9
1,1,2-Trichlorotrifluoroethane
Concen: 105.308 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

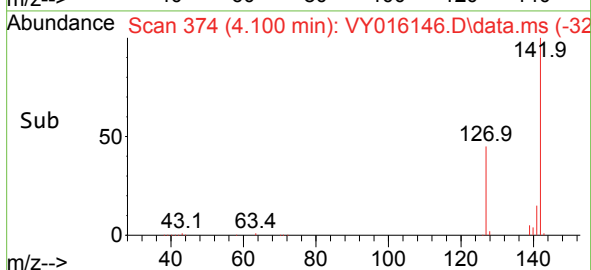
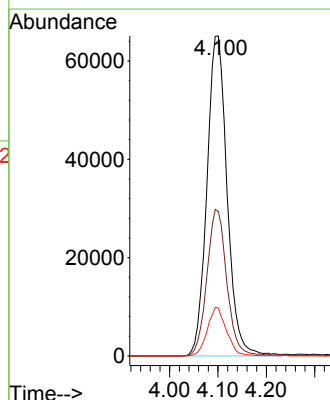
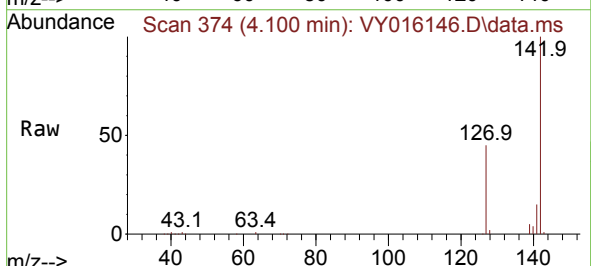
Instrument :
MSVOA_Y
ClientSampleId :

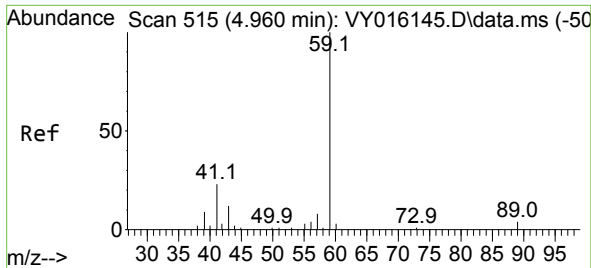
Tgt Ion:101 Resp: 160058
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 80.6 67.0 100.6



#10
Methyl Iodide
Concen: 111.763 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:142 Resp: 188892
Ion Ratio Lower Upper
142 100
127 45.2 37.6 56.4
141 14.3 11.8 17.8

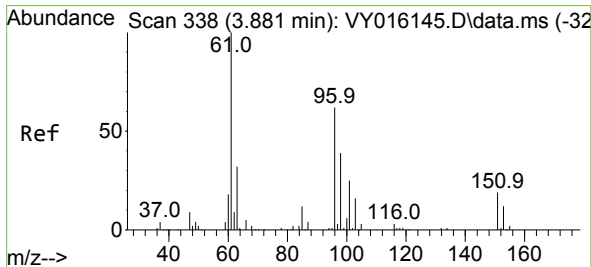
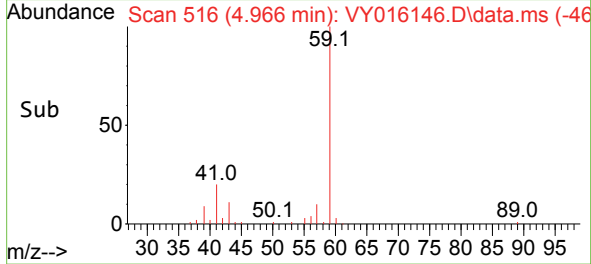
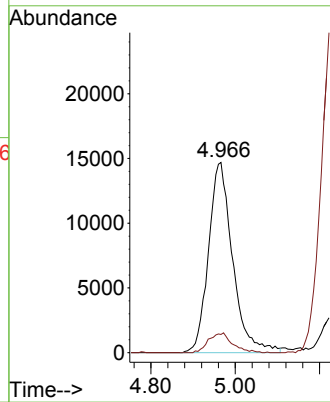
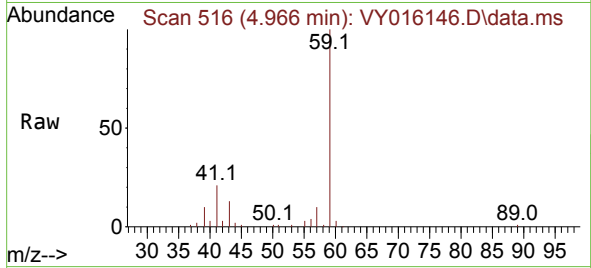




#11
Tert butyl alcohol
Concen: 476.773 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

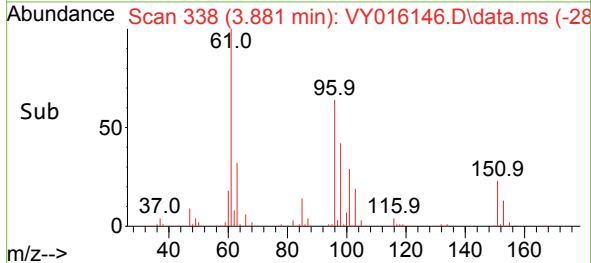
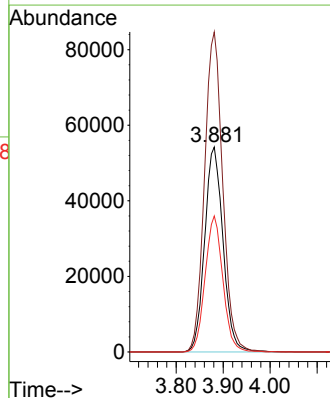
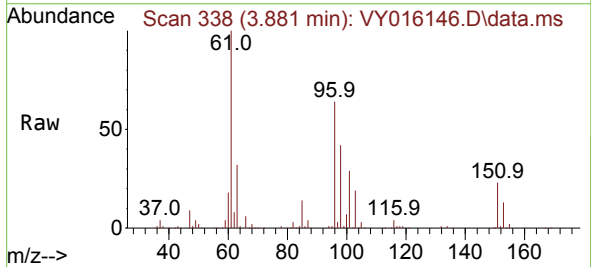
Instrument :
MSVOA_Y
ClientSampleId :

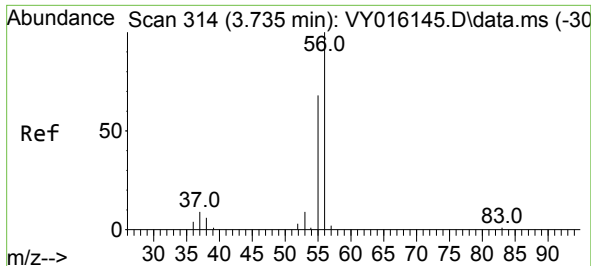
Tgt Ion: 59 Resp: 58438
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 105.918 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

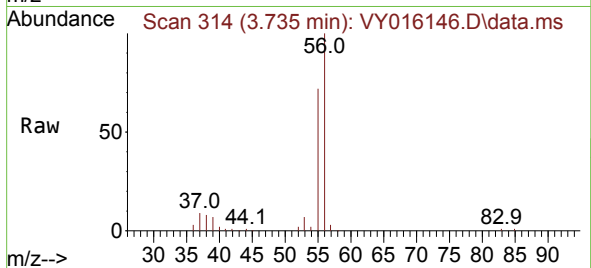
Tgt Ion: 96 Resp: 146935
Ion Ratio Lower Upper
96 100
61 156.1 136.4 204.6
98 66.3 49.4 74.2



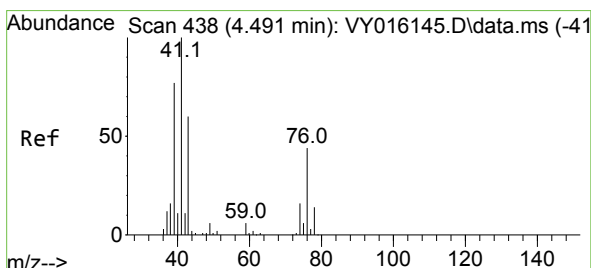
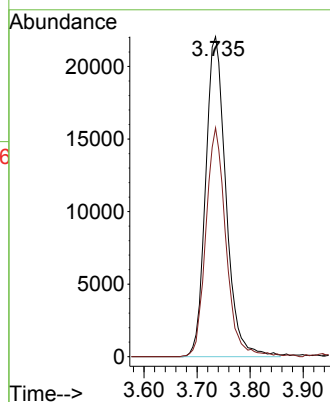
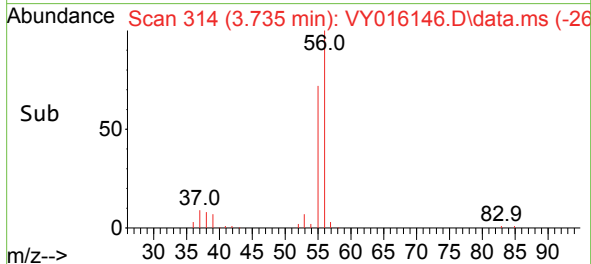


#13
Acrolein
Concen: 530.303 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

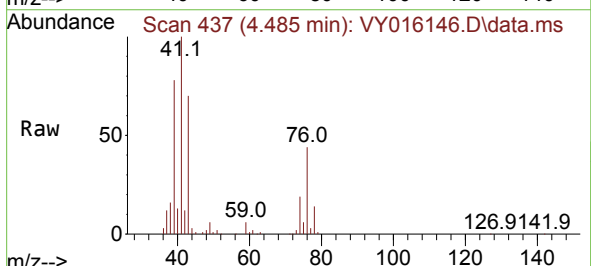
Instrument :
MSVOA_Y
ClientSampleId :



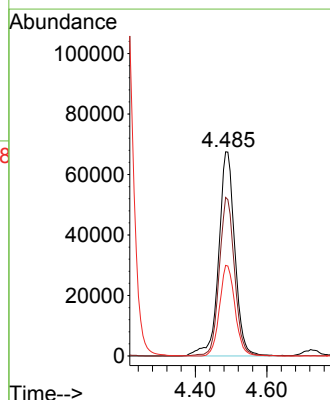
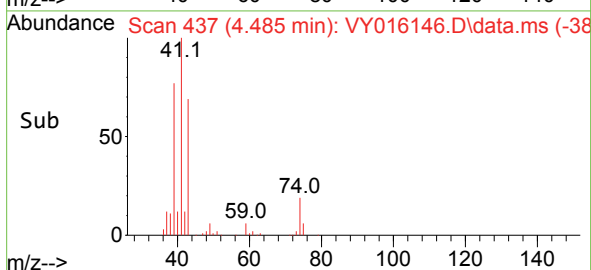
Tgt Ion: 56 Resp: 58665
Ion Ratio Lower Upper
56 100
55 70.8 57.0 85.4

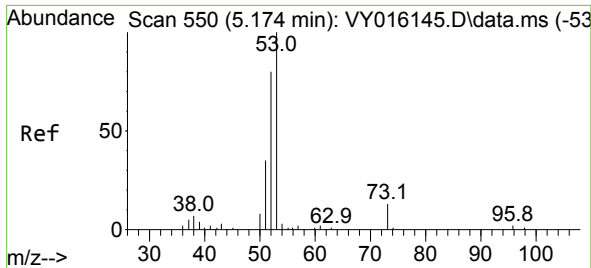


#14
Allyl chloride
Concen: 106.438 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13



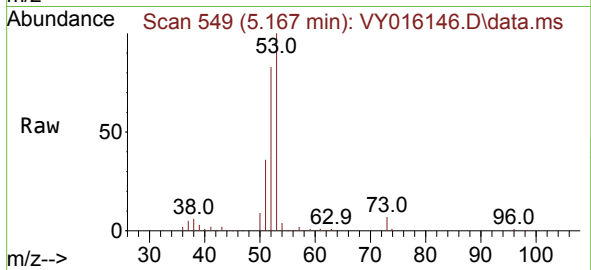
Tgt Ion: 41 Resp: 211201
Ion Ratio Lower Upper
41 100
39 73.9 58.0 87.0
76 42.5 27.4 41.2#



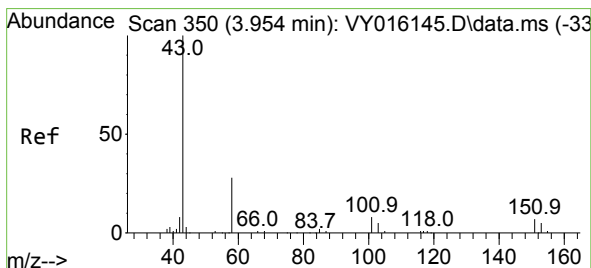
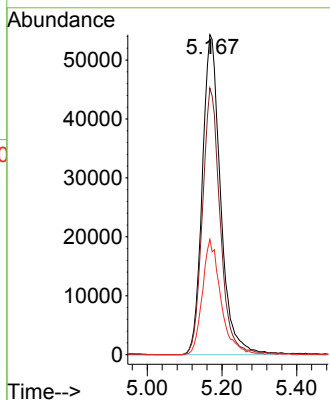
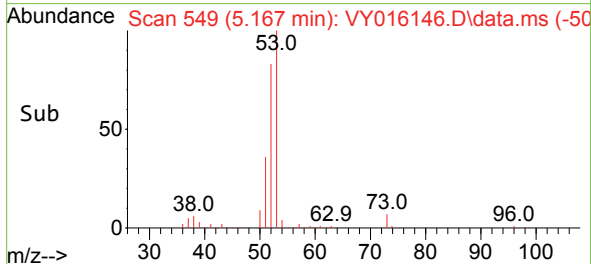


#15
Acrylonitrile
Concen: 539.403 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

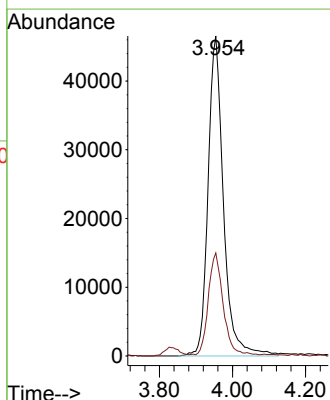
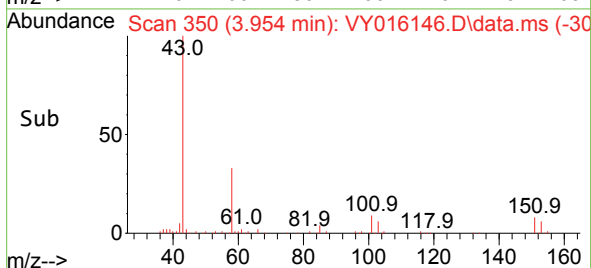
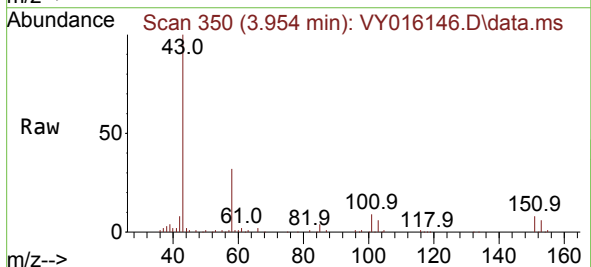


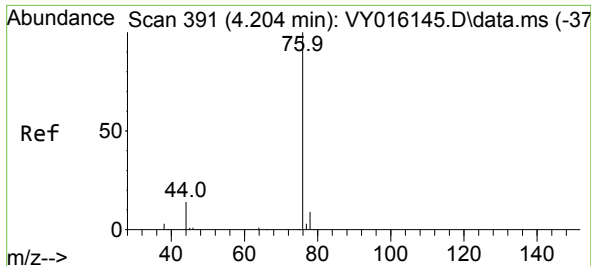
Tgt Ion: 53 Resp: 184309
Ion Ratio Lower Upper
53 100
52 80.8 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 540.354 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 43 Resp: 135701
Ion Ratio Lower Upper
43 100
58 31.9 22.7 34.1

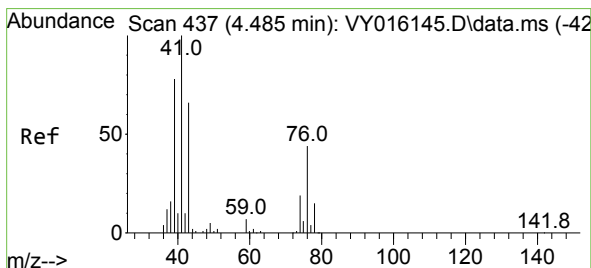
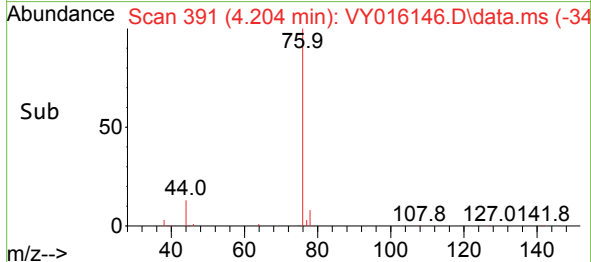
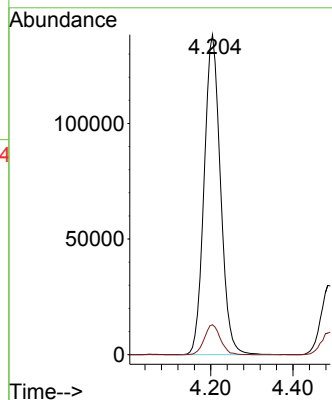
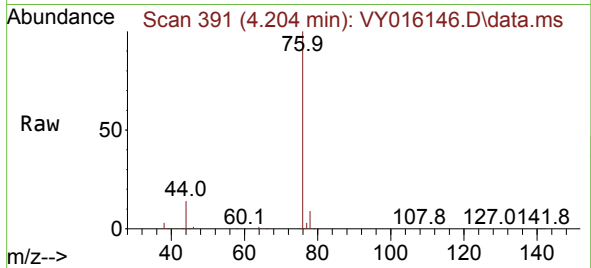




#17
Carbon Disulfide
Concen: 110.156 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

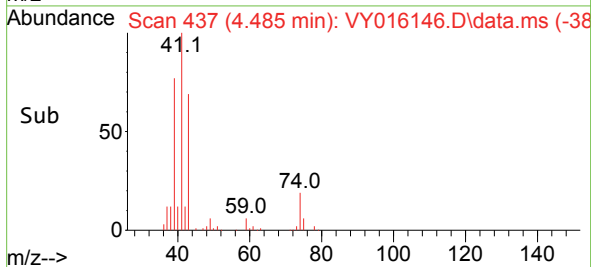
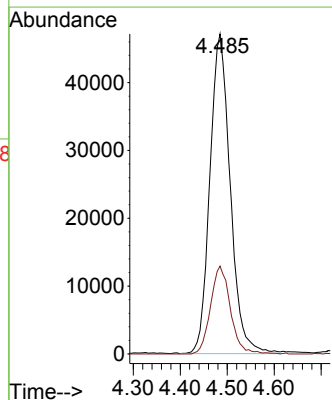
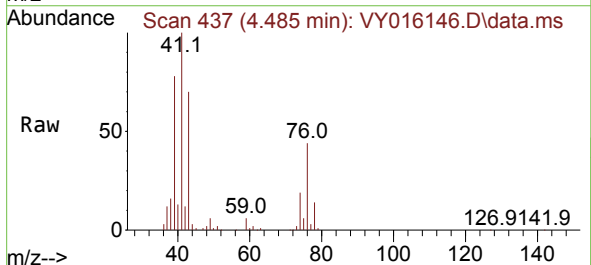
Instrument :
MSVOA_Y
ClientSampleId :

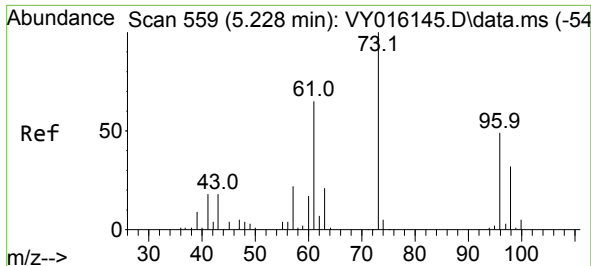
Tgt Ion: 76 Resp: 381516
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 107.304 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 43 Resp: 141565
Ion Ratio Lower Upper
43 100
74 26.8 17.4 26.0#

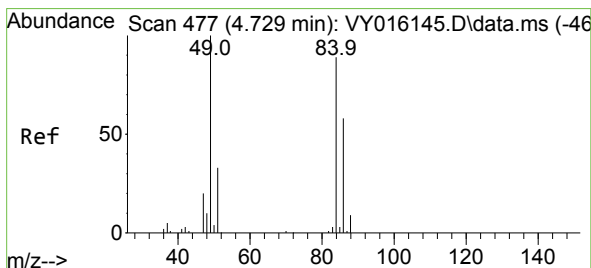
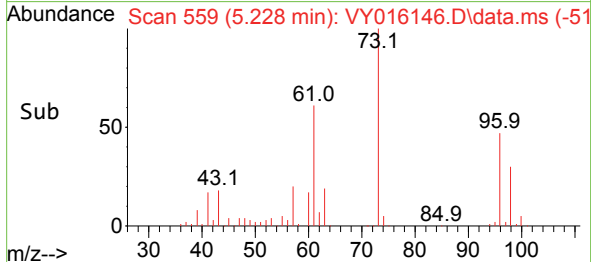
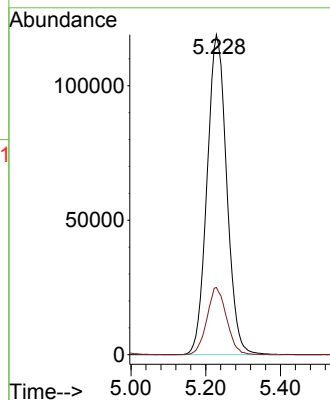
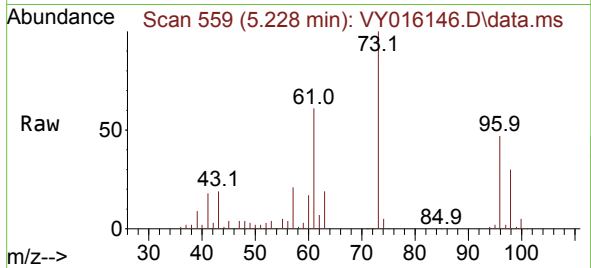




#19
Methyl tert-butyl Ether
Concen: 110.190 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

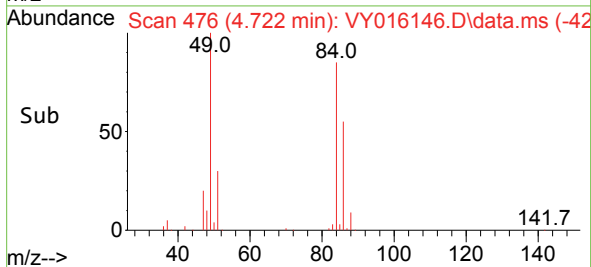
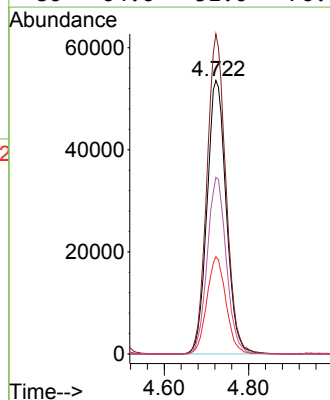
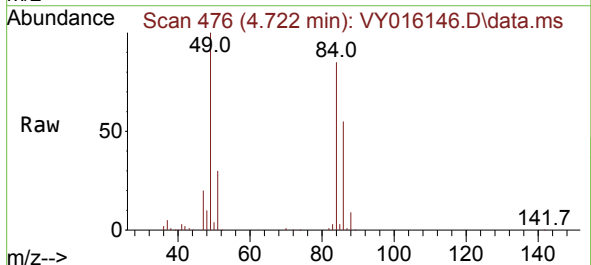
Instrument :
MSVOA_Y
ClientSampleId :

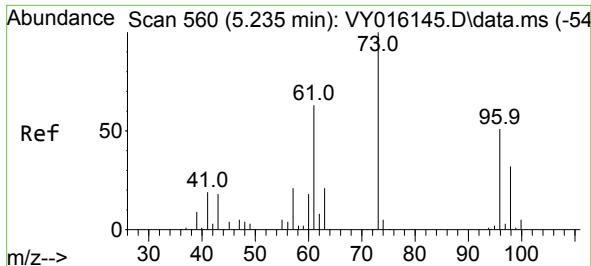
Tgt Ion: 73 Resp: 434808
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 105.221 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 84 Resp: 169956
Ion Ratio Lower Upper
84 100
49 117.0 106.9 160.3
51 35.6 33.2 49.8
86 64.6 51.0 76.6

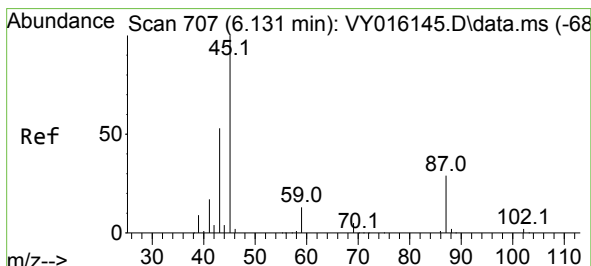
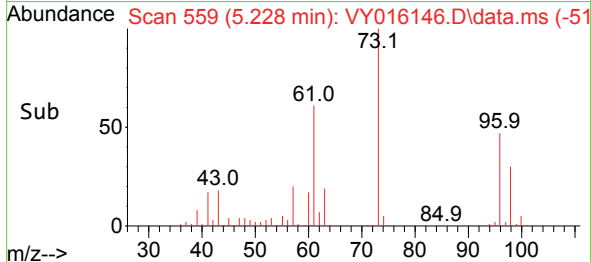
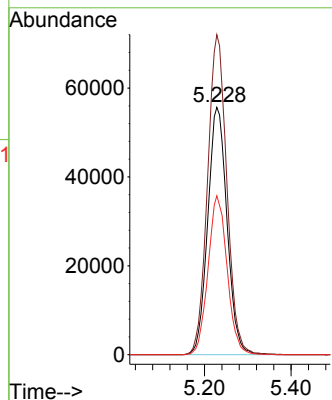
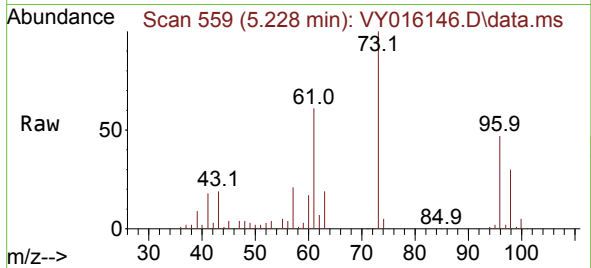




#21
trans-1,2-Dichloroethene
Concen: 106.784 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

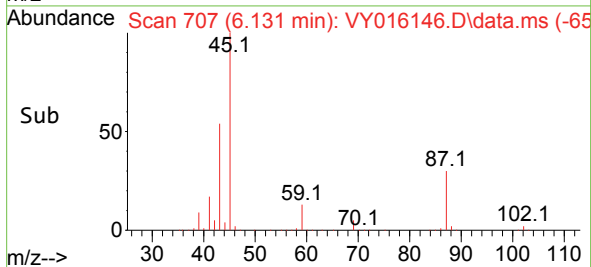
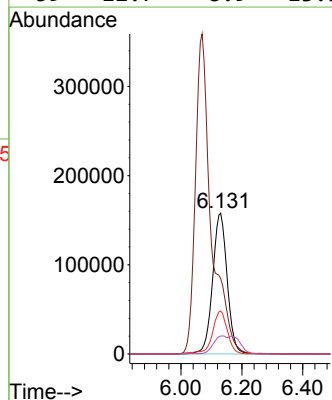
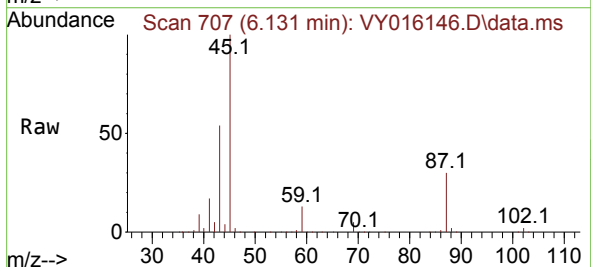
Instrument :
MSVOA_Y
ClientSampleId :

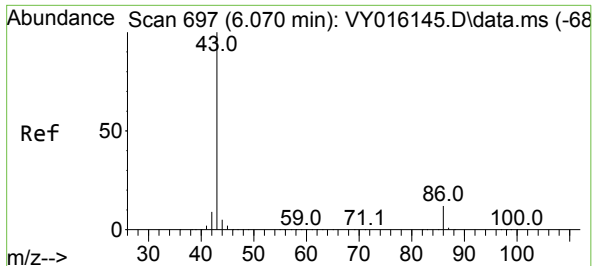
Tgt Ion: 96 Resp: 172552
Ion Ratio Lower Upper
96 100
61 129.3 110.2 165.4
98 64.2 51.8 77.6



#22
Diisopropyl ether
Concen: 109.106 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 45 Resp: 523643
Ion Ratio Lower Upper
45 100
43 53.5 52.2 78.4
87 30.5 21.0 31.6
59 12.7 8.9 13.3

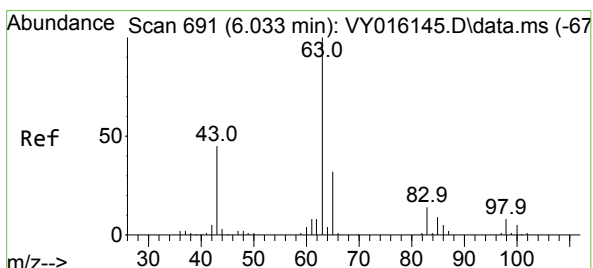
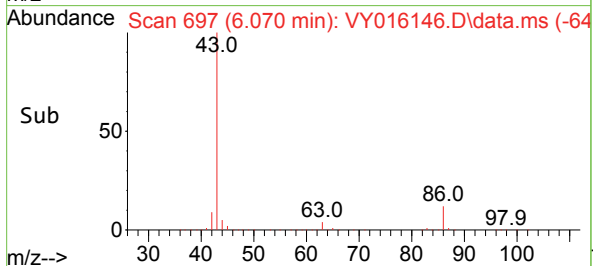
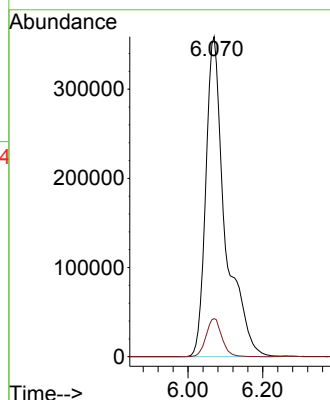
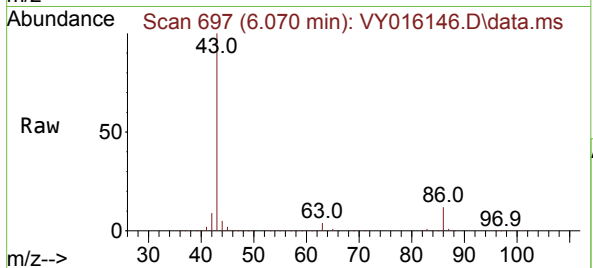




#23
 Vinyl Acetate
 Concen: 548.563 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

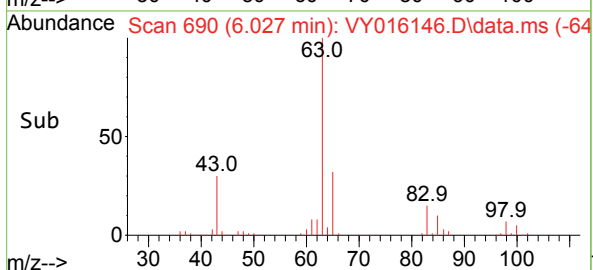
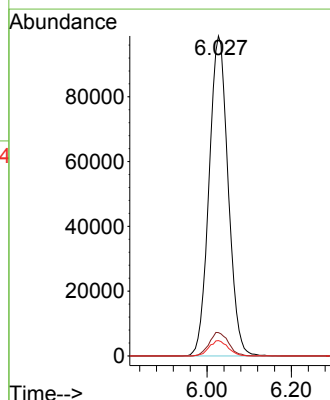
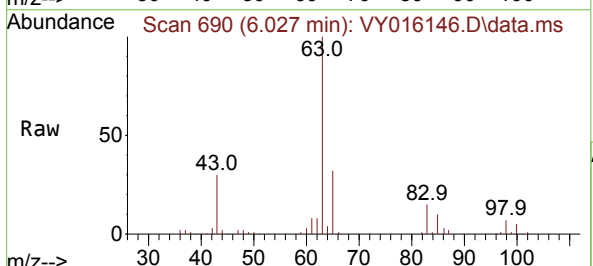
Instrument :
 MSVOA_Y
 ClientSampleId :

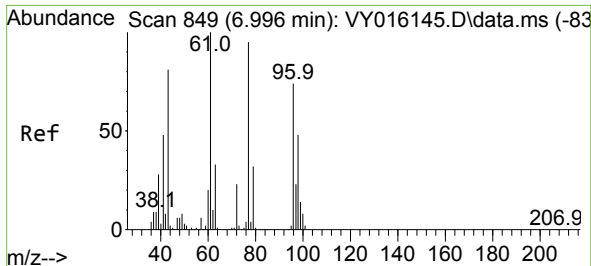
Tgt Ion: 43 Resp: 1292646
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 107.941 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

Tgt Ion: 63 Resp: 310048
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 511.932 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

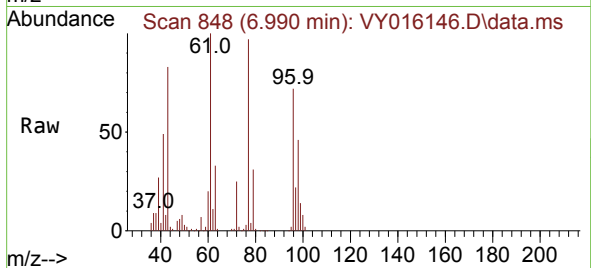
Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

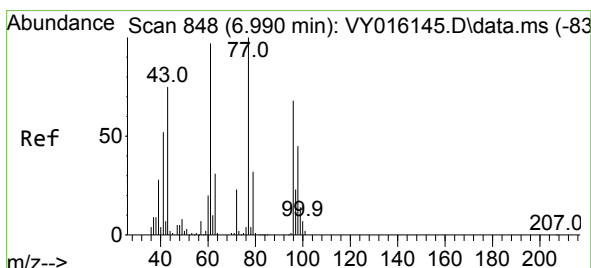
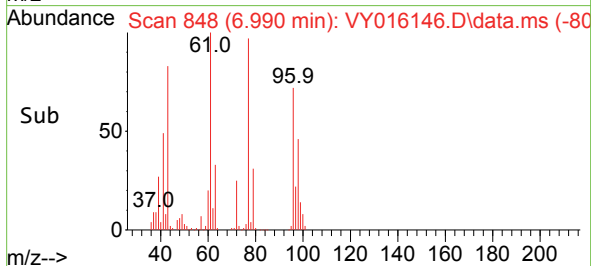
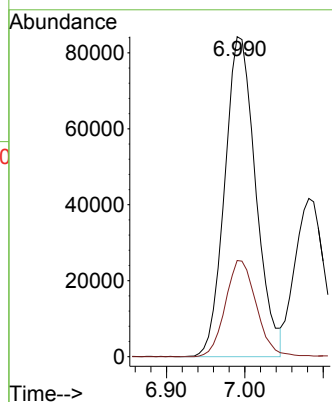


Tgt Ion: 43 Resp: 231699

Ion Ratio Lower Upper

43 100

72 30.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 108.402 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY016146.D

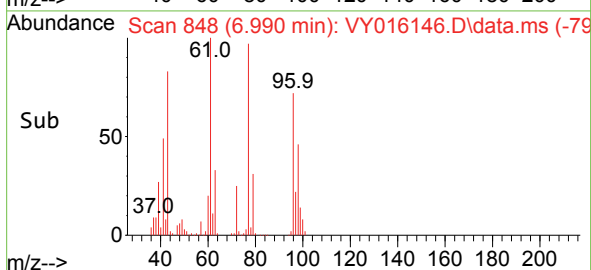
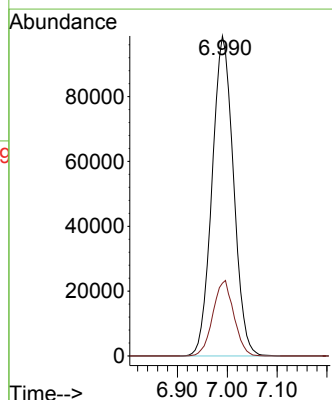
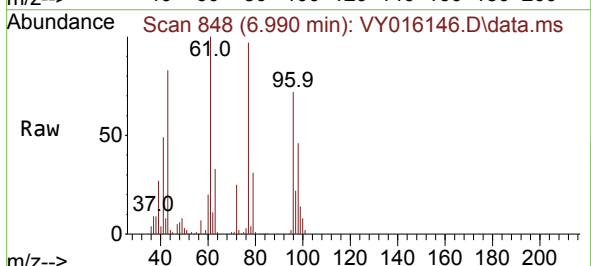
Acq: 31 Oct 2023 14:13

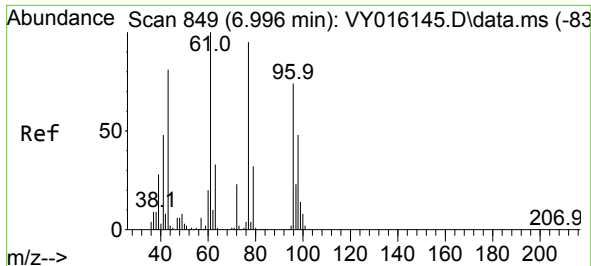
Tgt Ion: 77 Resp: 294345

Ion Ratio Lower Upper

77 100

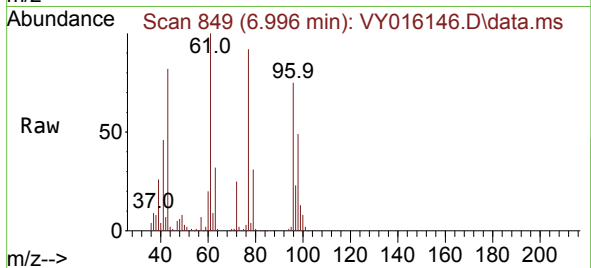
97 23.1 10.9 32.9





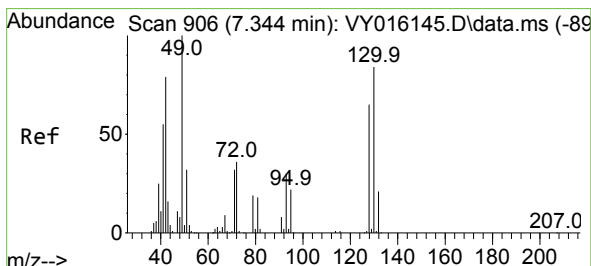
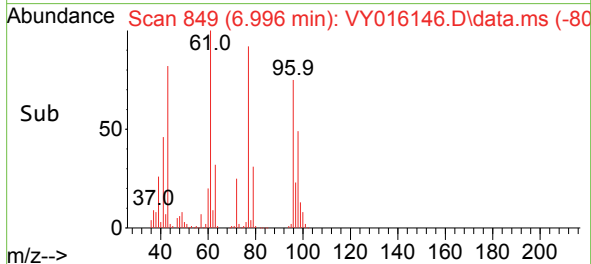
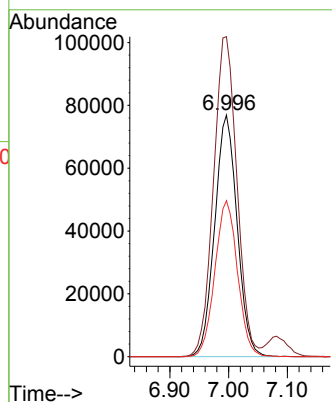
#27
 cis-1,2-Dichloroethene
 Concen: 107.585 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 204589

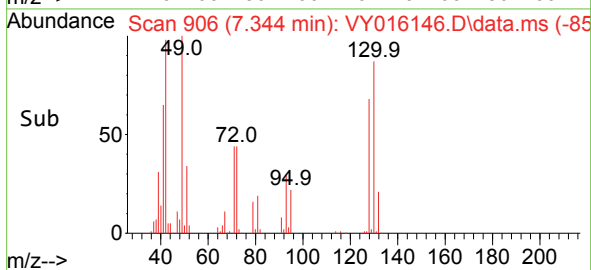
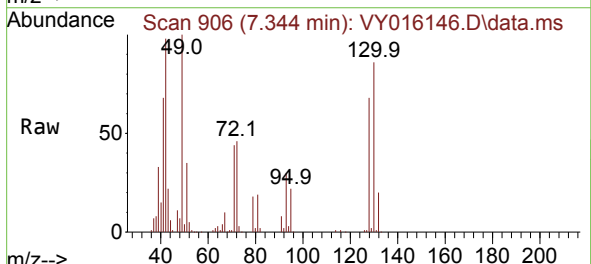
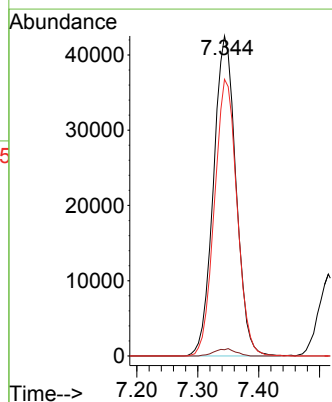
Ion	Ratio	Lower	Upper
96	100		
61	137.8	0.0	301.4
98	65.1	0.0	130.4

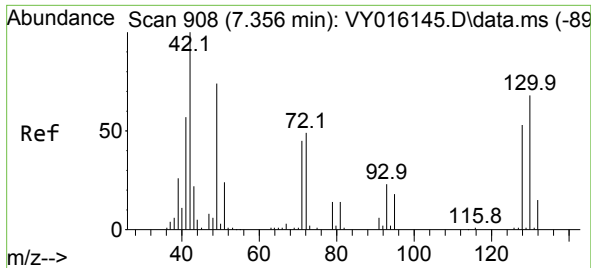


#28
 Bromochloromethane
 Concen: 101.606 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

Tgt Ion: 49 Resp: 109213

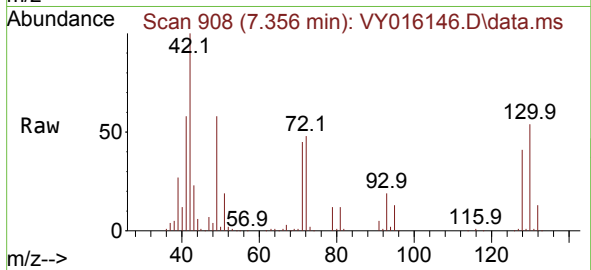
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	86.8	60.7	91.1



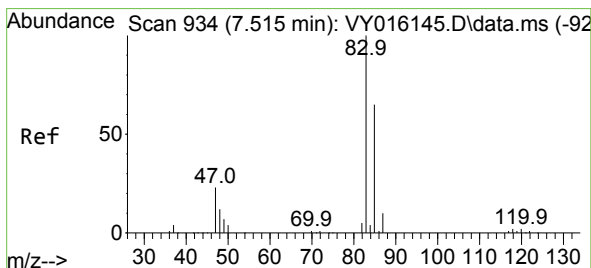
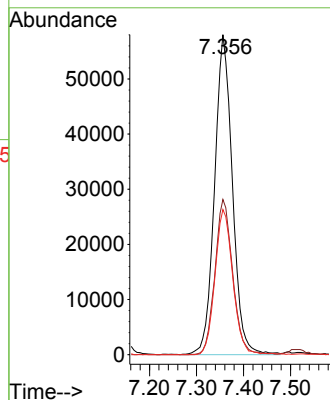
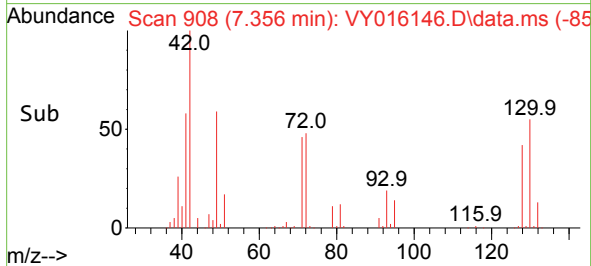


#29
Tetrahydrofuran
Concen: 540.709 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

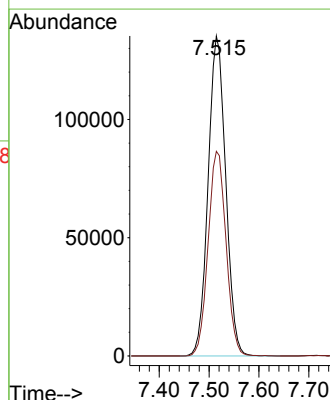
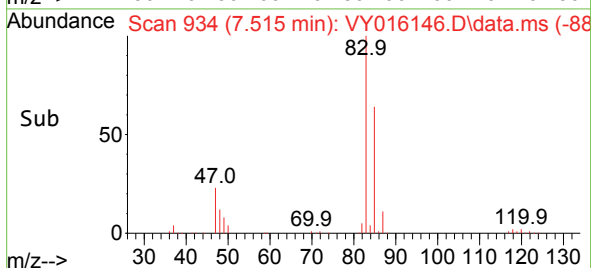
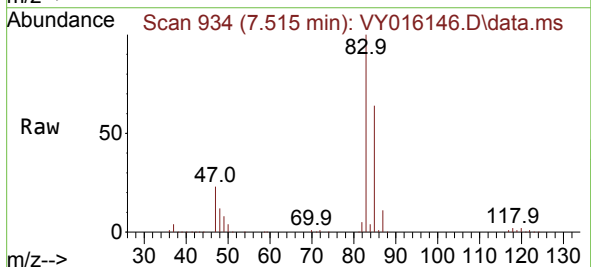


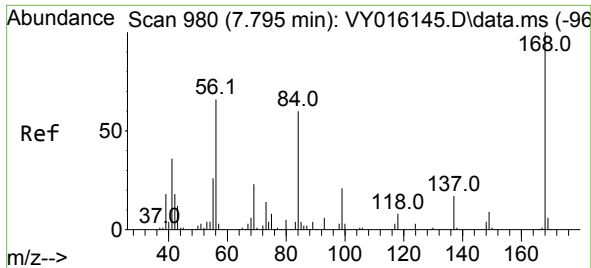
Tgt Ion: 42 Resp: 153407
Ion Ratio Lower Upper
42 100
72 48.3 32.8 49.2
71 45.4 31.0 46.4



#30
Chloroform
Concen: 106.103 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

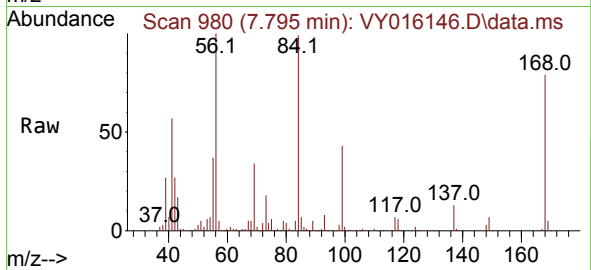
Tgt Ion: 83 Resp: 331809
Ion Ratio Lower Upper
83 100
85 63.9 49.7 74.5



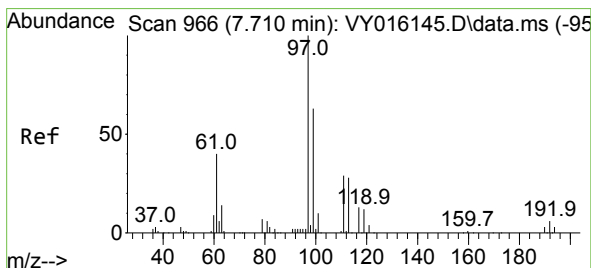
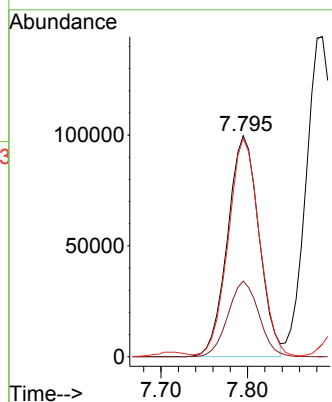
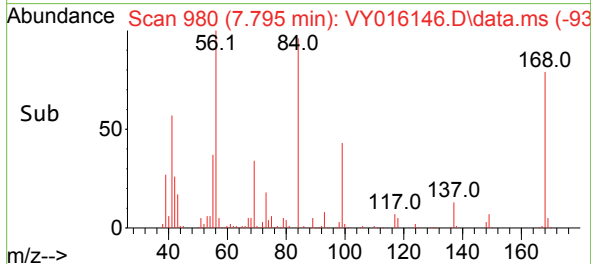


#31
Cyclohexane
Concen: 99.532 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

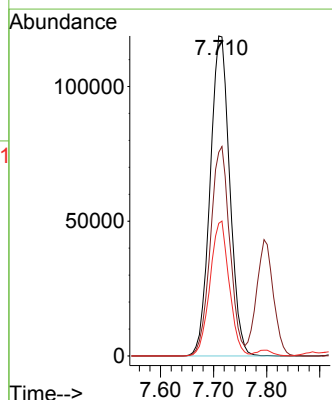
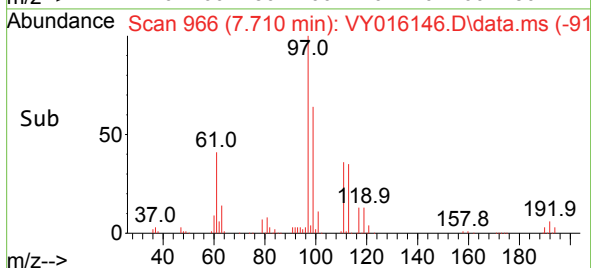
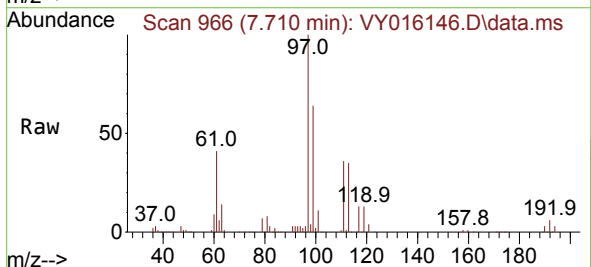


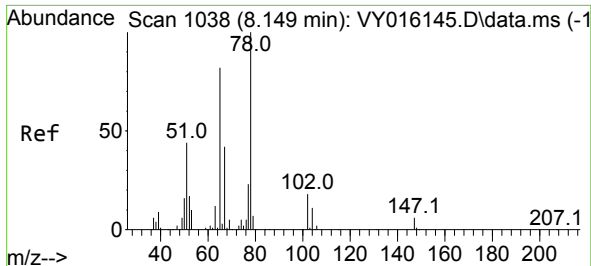
Tgt Ion: 56 Resp: 251003
Ion Ratio Lower Upper
56 100
69 34.2 27.8 41.6
84 97.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 106.183 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

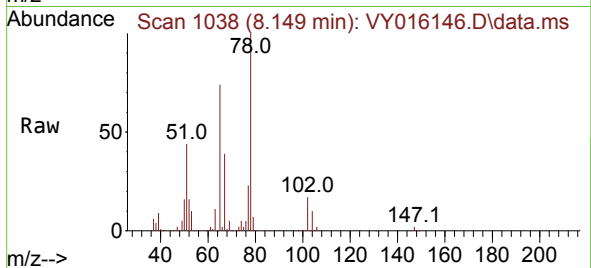
Tgt Ion: 97 Resp: 304527
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 41.5 35.1 52.7



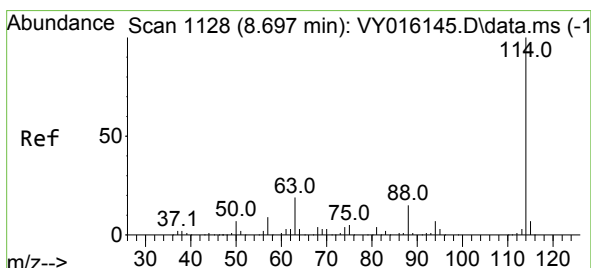
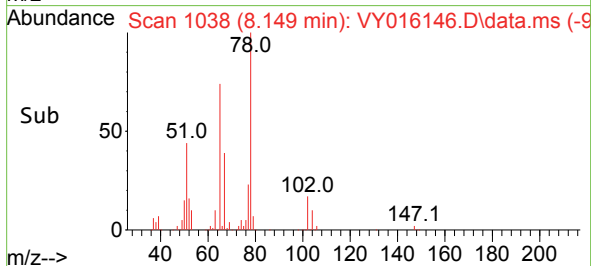
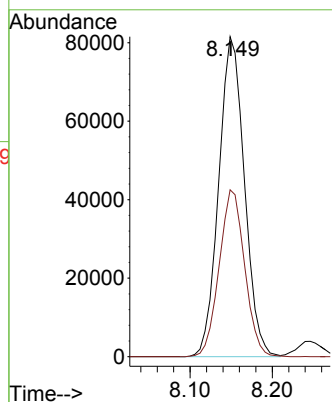


#33
 1,2-Dichloroethane-d4
 Concen: 107.984 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

Instrument :
 MSVOA_Y
 ClientSampleId :

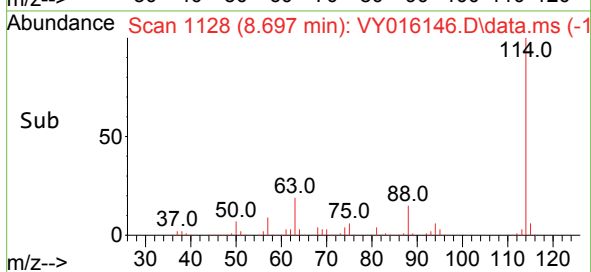
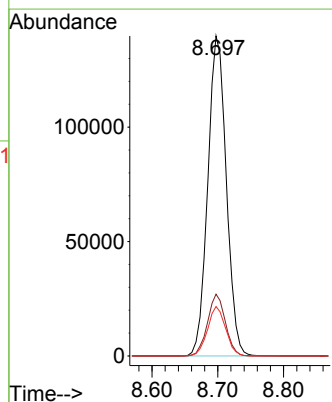
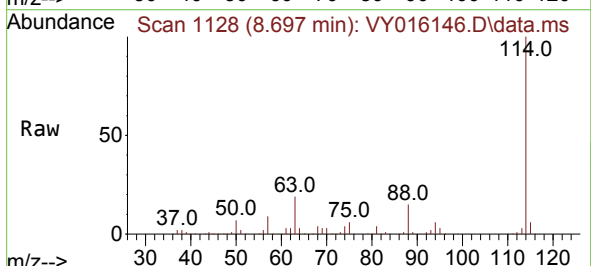


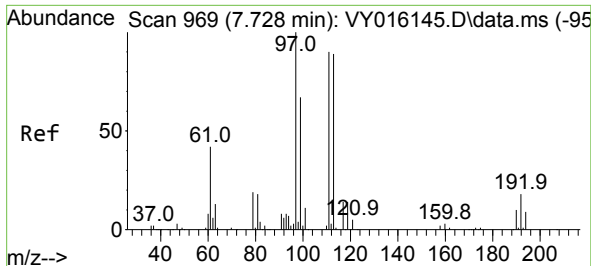
Tgt Ion: 65 Resp: 177148
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

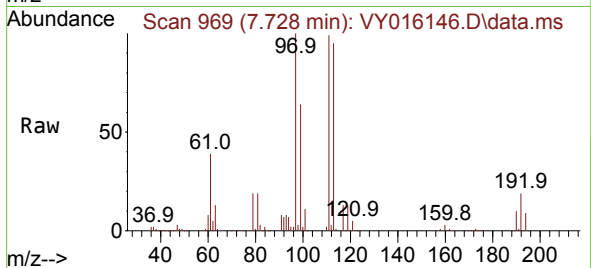
Tgt Ion: 114 Resp: 274242
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.4 0.0 30.6



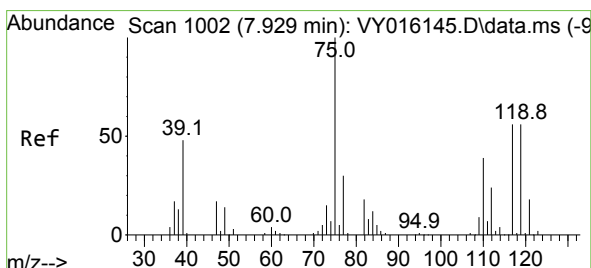
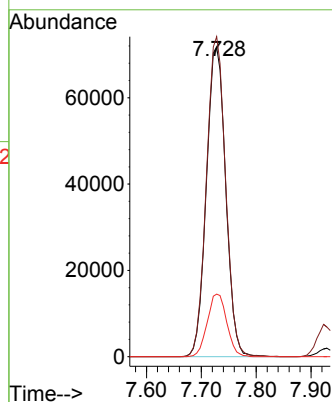
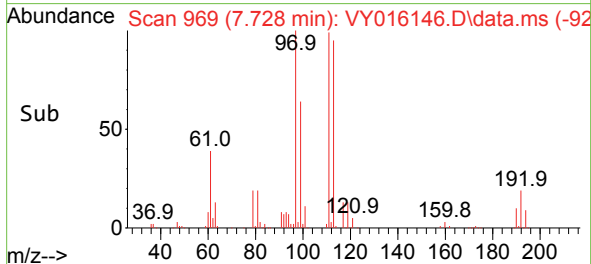


#35
Dibromofluoromethane
Concen: 107.311 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

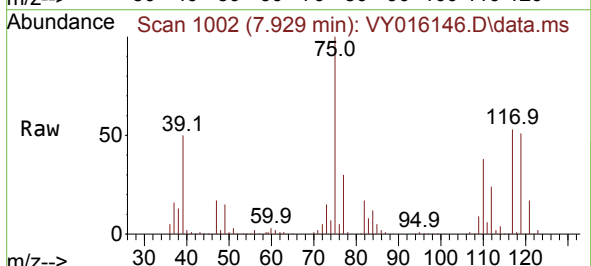
Instrument :
MSVOA_Y
ClientSampleId :



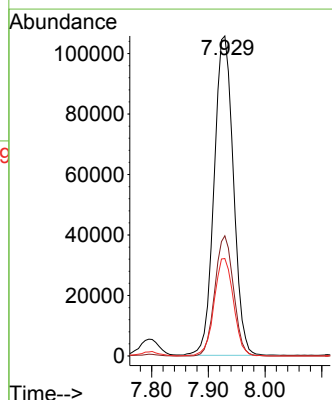
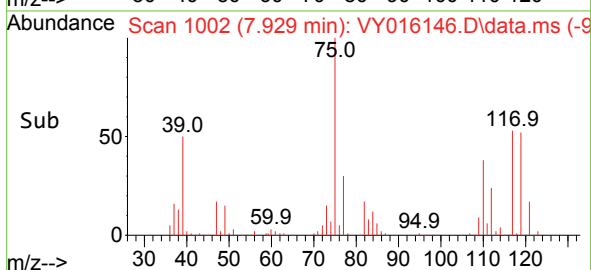
Tgt Ion:113 Resp: 175449
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.3 16.9 25.3

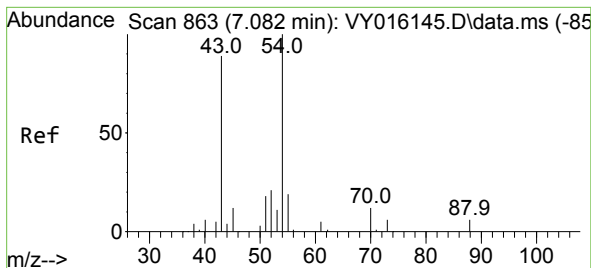


#36
1,1-Dichloropropene
Concen: 105.643 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13



Tgt Ion: 75 Resp: 249408
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 107.035 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

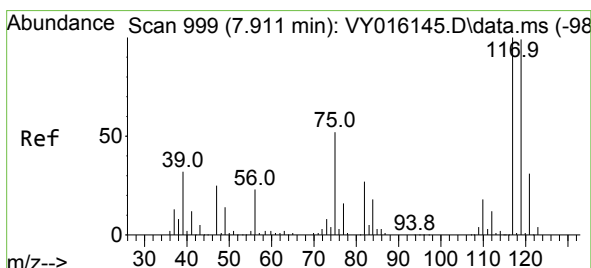
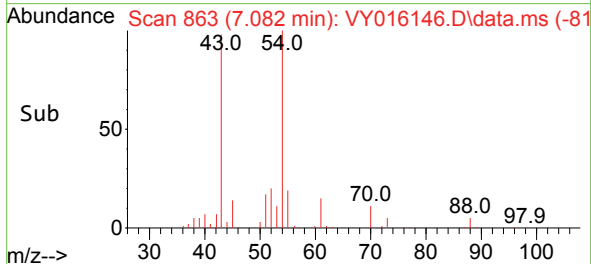
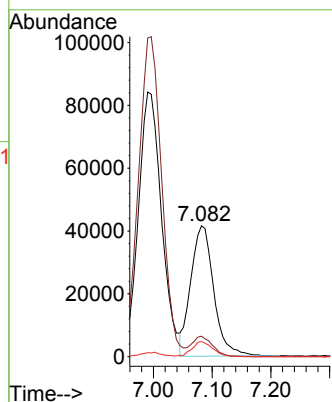
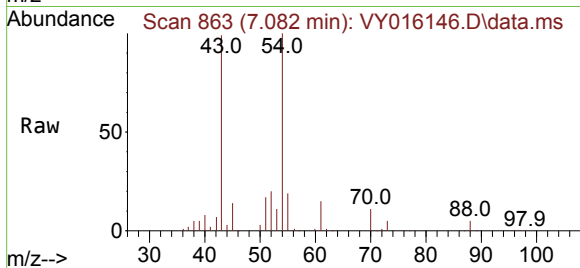
Tgt Ion: 43 Resp: 112550

Ion Ratio Lower Upper

43 100

61 14.7 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 112.046 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

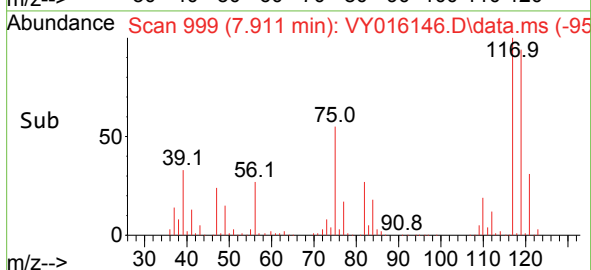
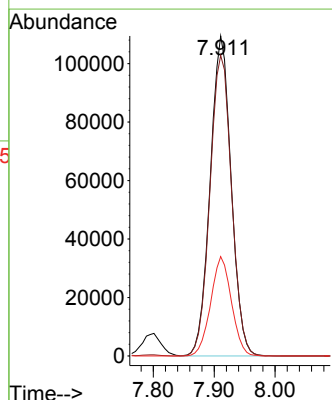
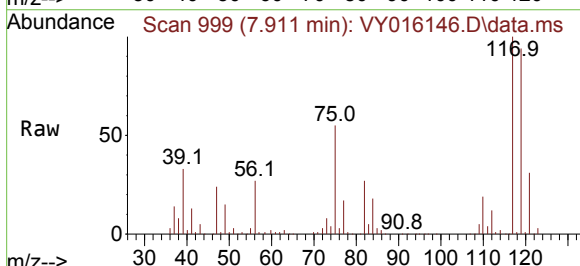
Tgt Ion: 117 Resp: 262069

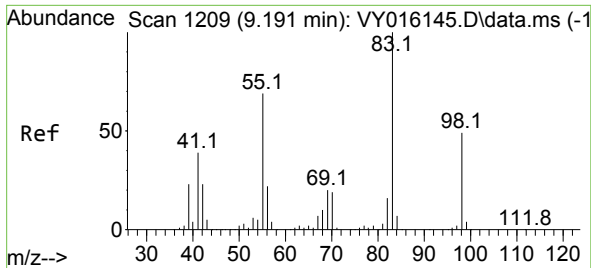
Ion Ratio Lower Upper

117 100

119 93.9 76.4 114.6

121 31.1 25.8 38.6

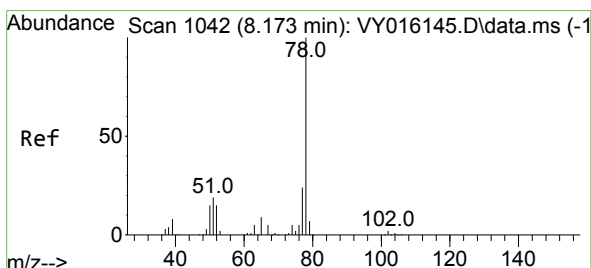
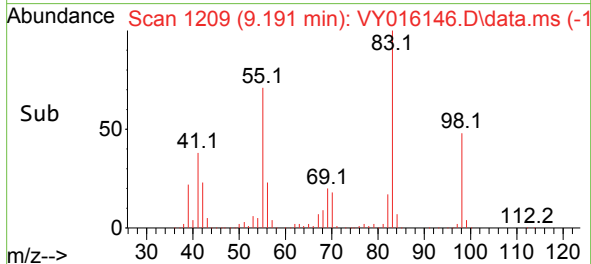
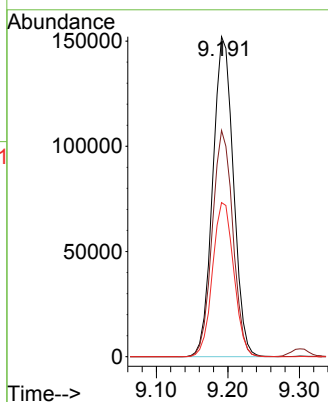
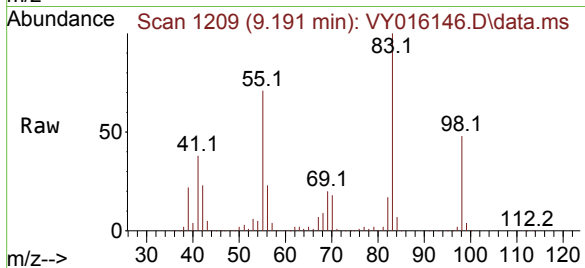




#39
Methylcyclohexane
Concen: 108.186 ug/l
RT: 9.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

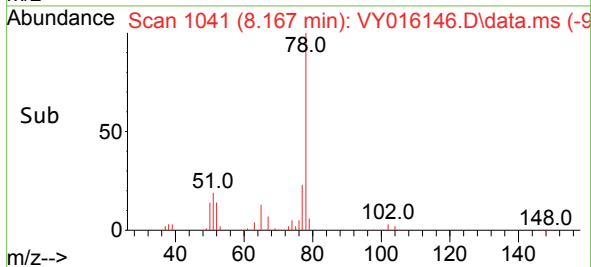
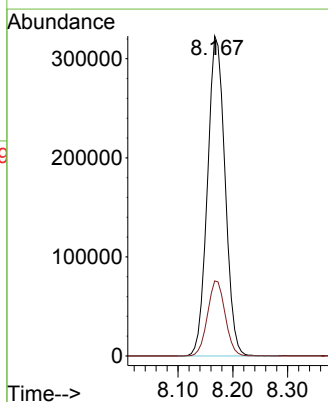
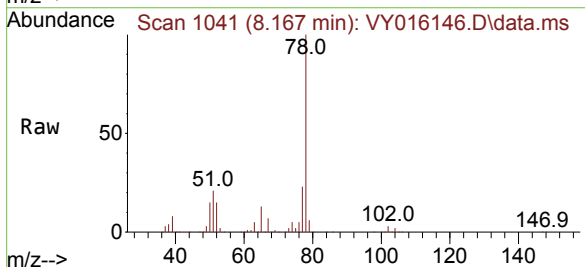
Instrument :
MSVOA_Y
ClientSampleId :

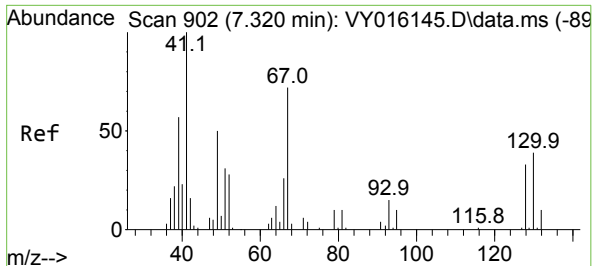
Tgt Ion: 83 Resp: 304875
Ion Ratio Lower Upper
83 100
55 70.7 63.0 94.4
98 48.1 37.4 56.2



#40
Benzene
Concen: 105.903 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 78 Resp: 717783
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

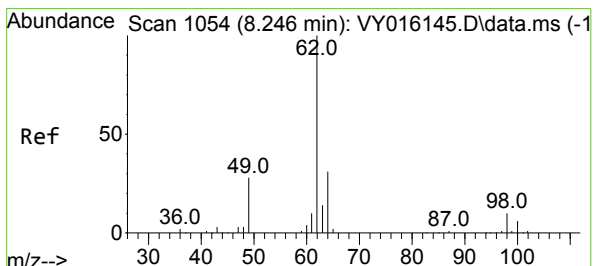
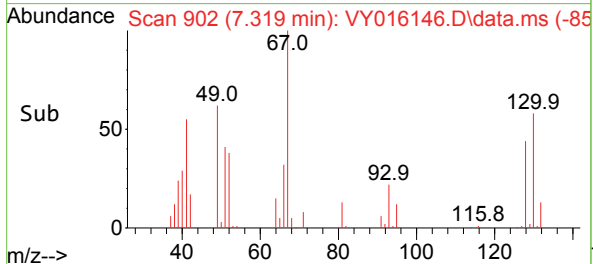
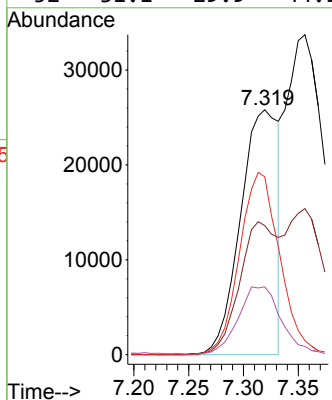
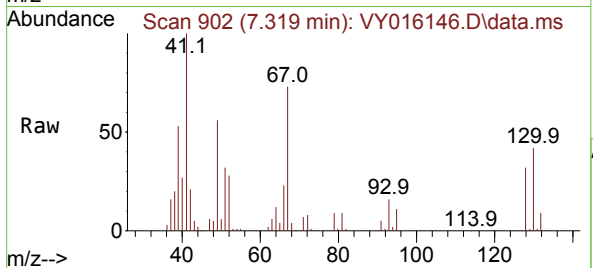




#41
Methacrylonitrile
Concen: 101.757 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

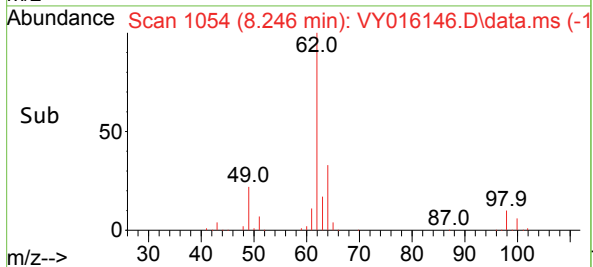
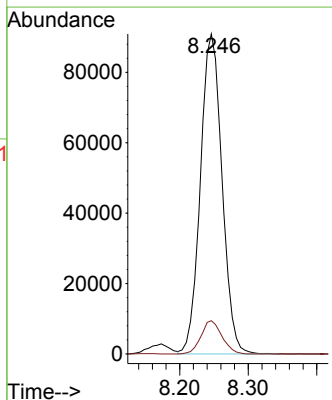
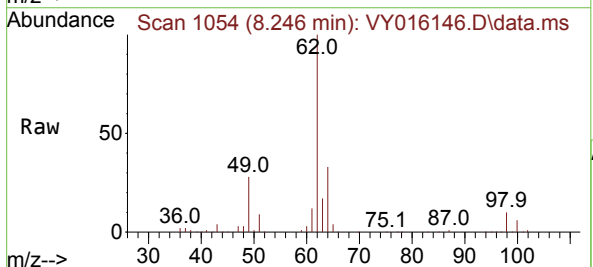
Instrument :
MSVOA_Y
ClientSampleId :

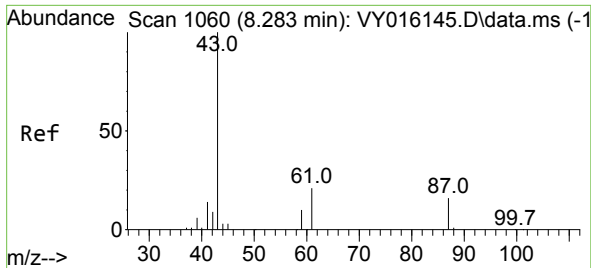
Tgt Ion:	41	Resp:	62108
Ion	Ratio	Lower	Upper
41	100		
39	53.7	52.1	78.1
67	79.3	66.2	99.2
52	31.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 105.496 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:	62	Resp:	199540
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

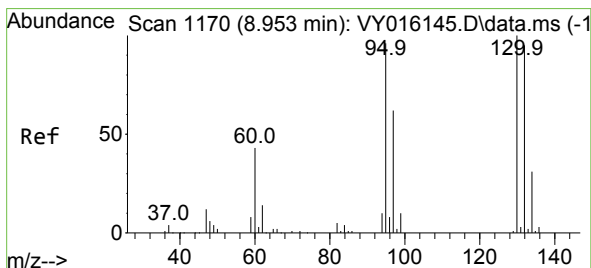
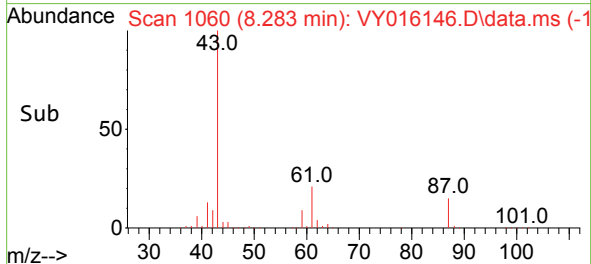
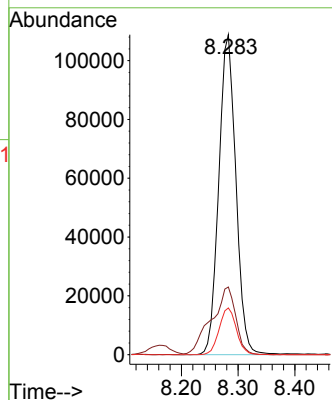
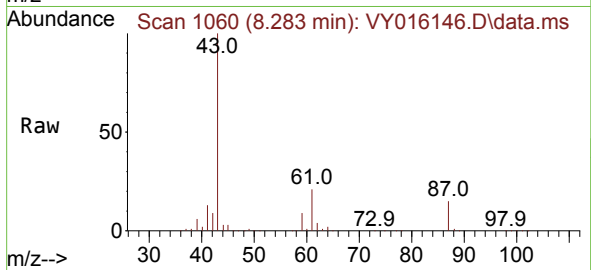




#43
Isopropyl Acetate
Concen: 109.515 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

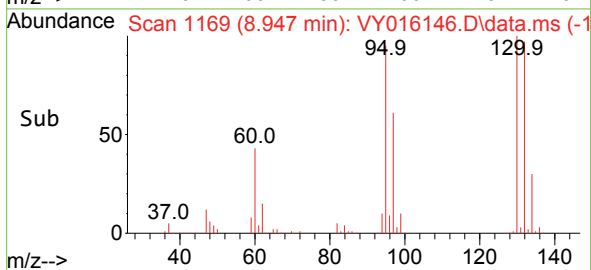
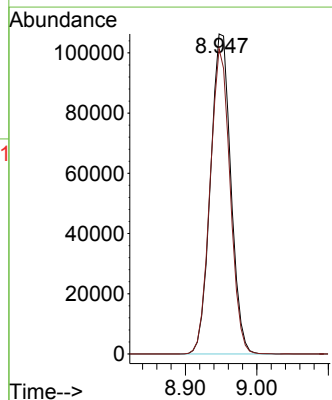
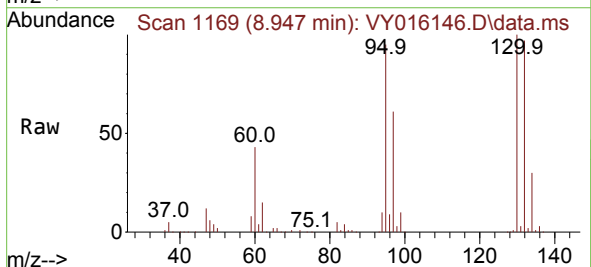
Instrument :
MSVOA_Y
ClientSampleId :

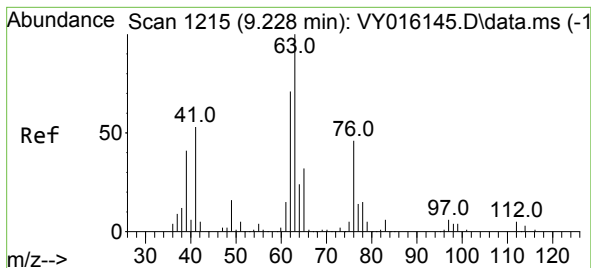
Tgt Ion: 43 Resp: 227788
Ion Ratio Lower Upper
43 100
61 30.0 21.1 31.7
87 14.7 9.8 14.8



#44
Trichloroethene
Concen: 105.847 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:130 Resp: 209942
Ion Ratio Lower Upper
130 100
95 95.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 108.551 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

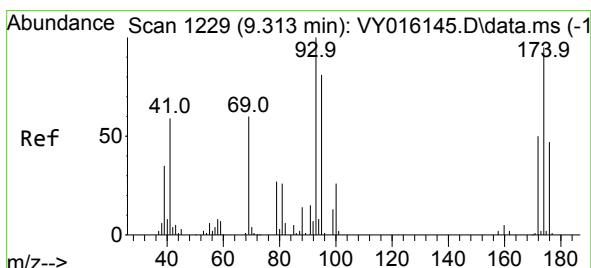
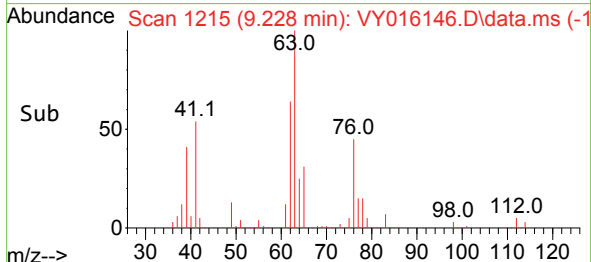
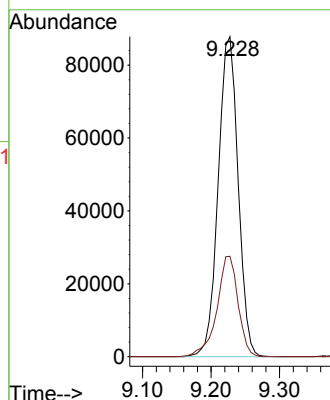
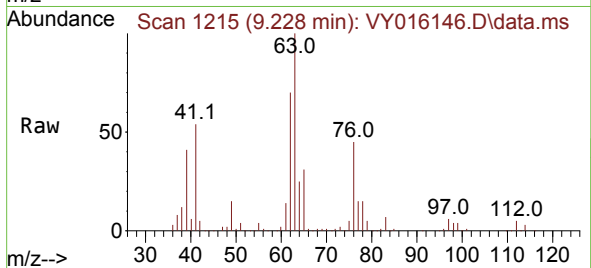
ClientSampleId :

Tgt Ion: 63 Resp: 176990

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 107.465 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

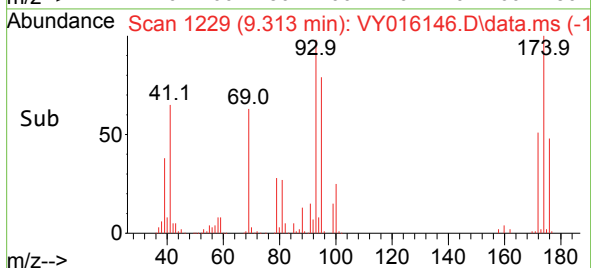
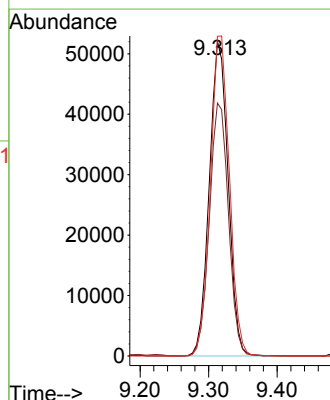
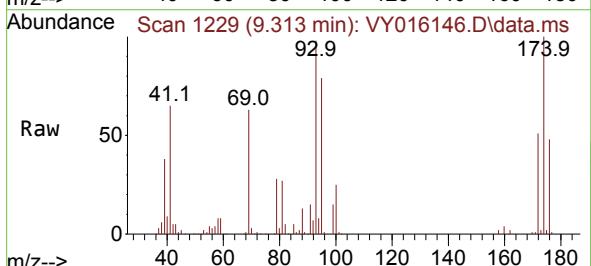
Tgt Ion: 93 Resp: 99397

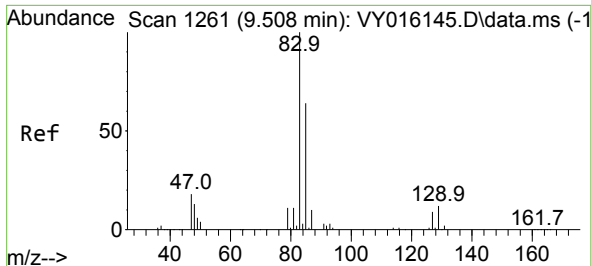
Ion Ratio Lower Upper

93 100

95 81.6 66.6 100.0

174 102.3 84.8 127.2

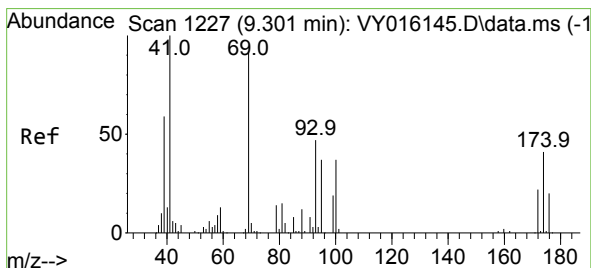
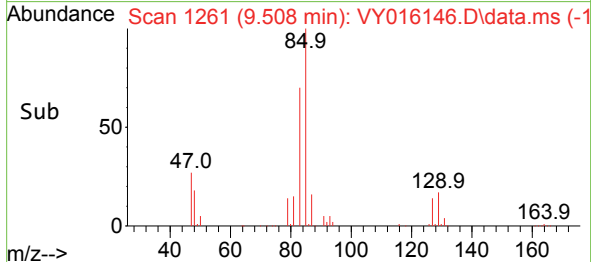
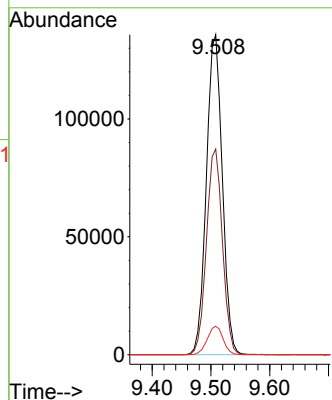
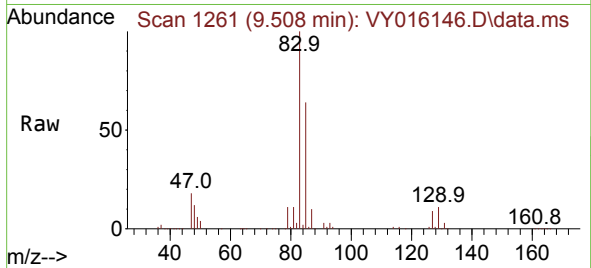




#47
Bromodichloromethane
Concen: 108.744 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

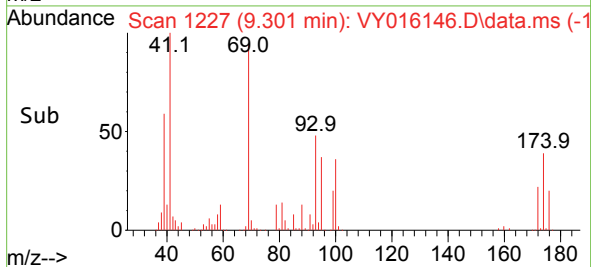
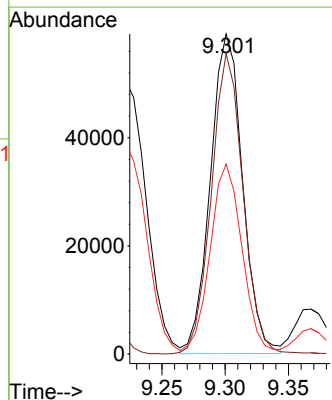
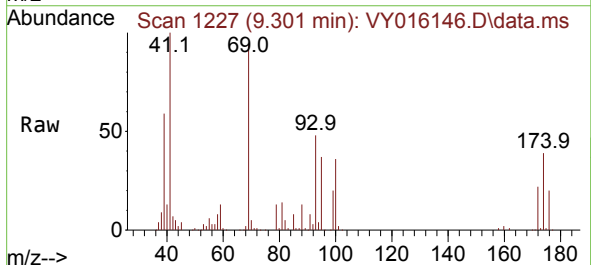
Instrument :
MSVOA_Y
ClientSampleId :

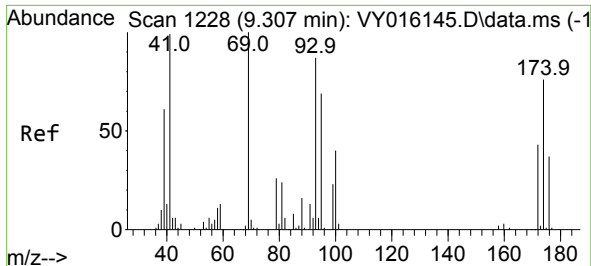
Tgt Ion: 83 Resp: 255551
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 110.908 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 41 Resp: 104898
Ion Ratio Lower Upper
41 100
69 92.3 64.5 96.7
39 57.1 50.8 76.2





#49

1,4-Dioxane

Concen: 2163.669 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

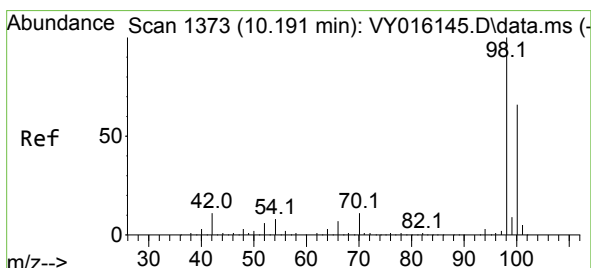
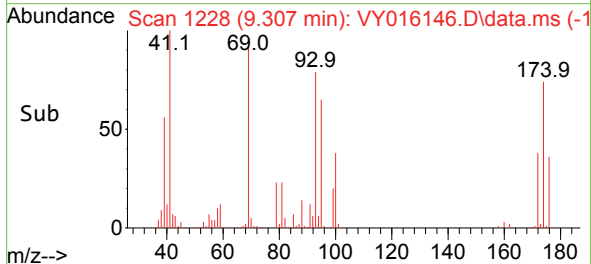
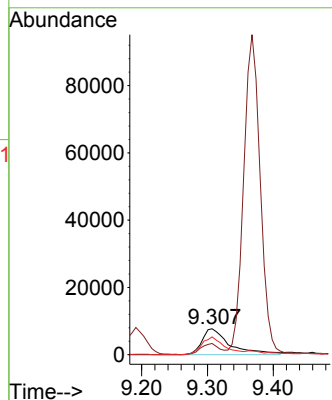
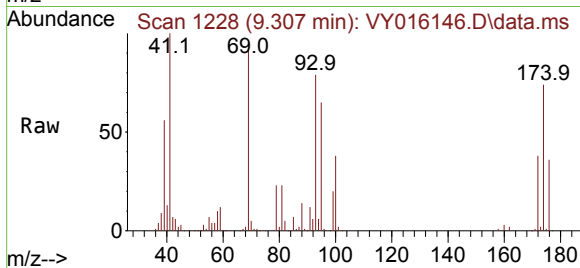
Tgt Ion: 88 Resp: 22865

Ion Ratio Lower Upper

88 100

43 28.6 0.0 0.0#

58 56.0 30.9 46.3#



#50

Toluene-d8

Concen: 110.121 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016146.D

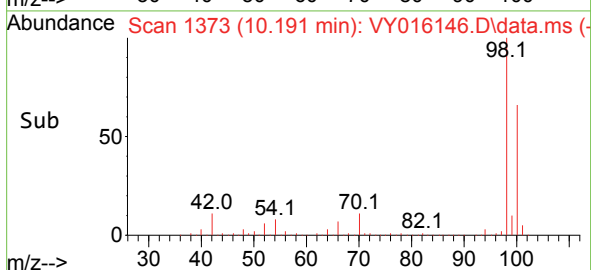
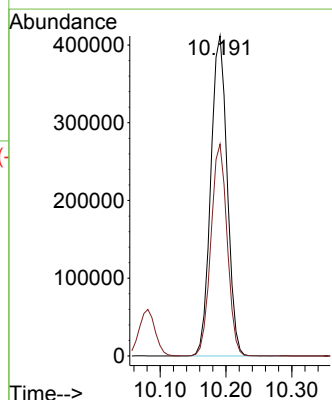
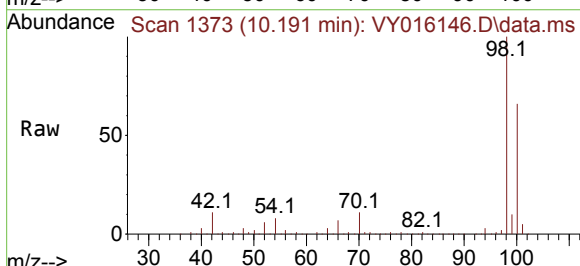
Acq: 31 Oct 2023 14:13

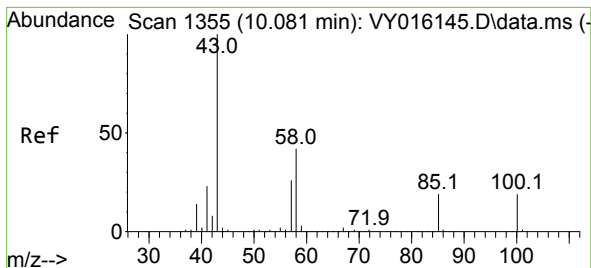
Tgt Ion: 98 Resp: 713832

Ion Ratio Lower Upper

98 100

100 65.5 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 547.310 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

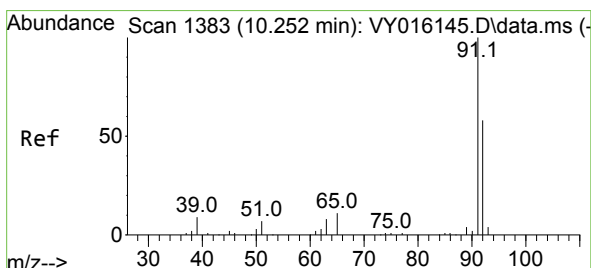
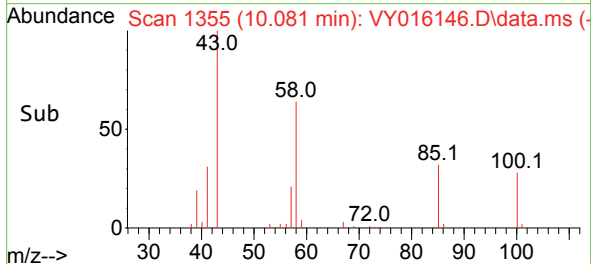
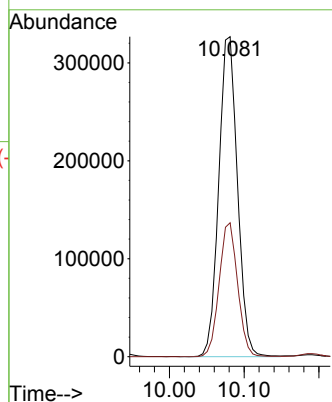
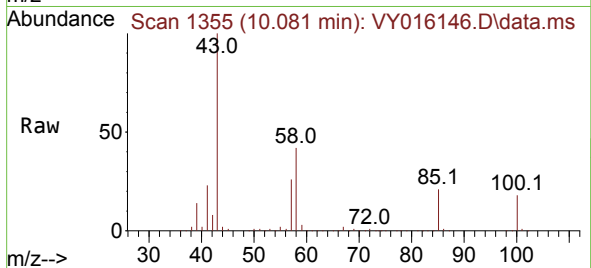
ClientSampleId :

Tgt Ion: 43 Resp: 568017

Ion Ratio Lower Upper

43 100

58 41.4 29.0 43.6



#52

Toluene

Concen: 107.438 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. -0.000 min

Lab File: VY016146.D

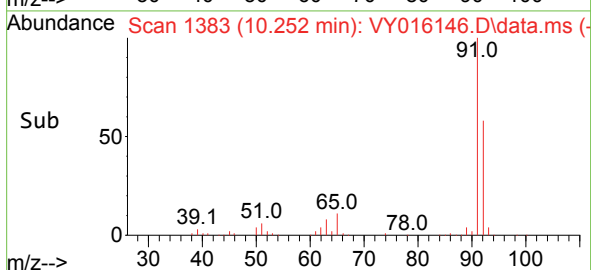
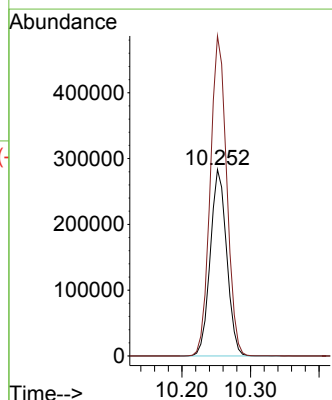
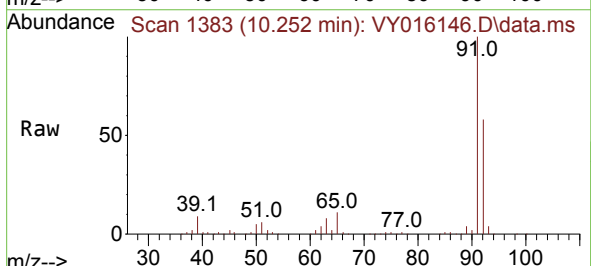
Acq: 31 Oct 2023 14:13

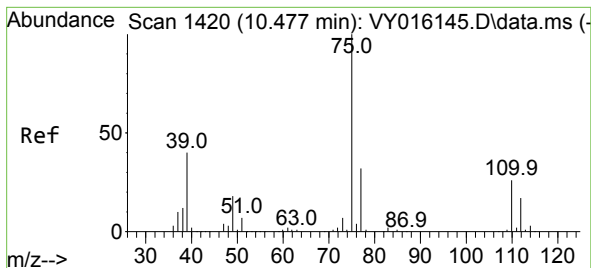
Tgt Ion: 92 Resp: 471864

Ion Ratio Lower Upper

92 100

91 172.3 143.8 215.6

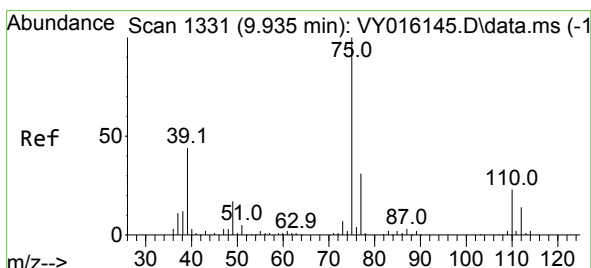
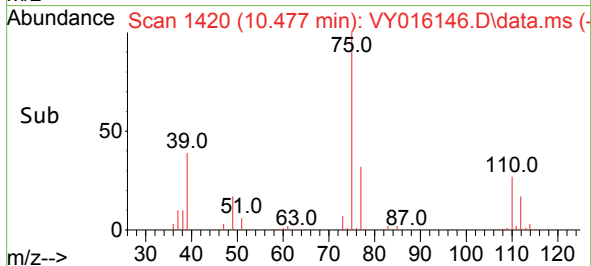
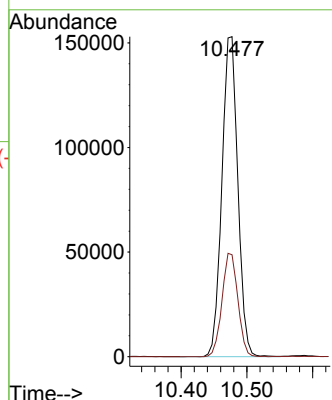
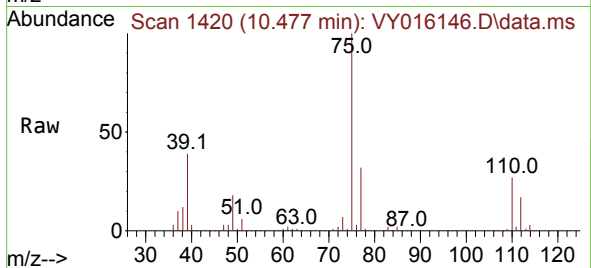




#53
 t-1,3-Dichloropropene
 Concen: 109.852 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

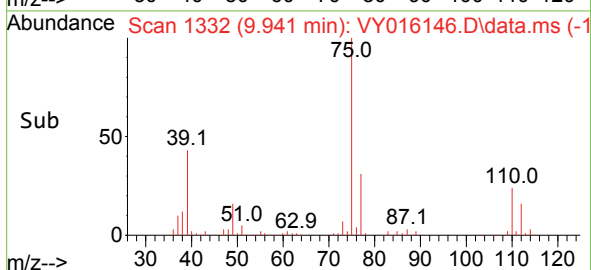
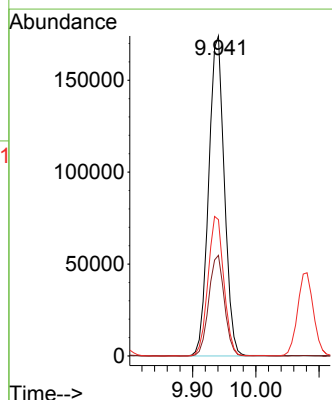
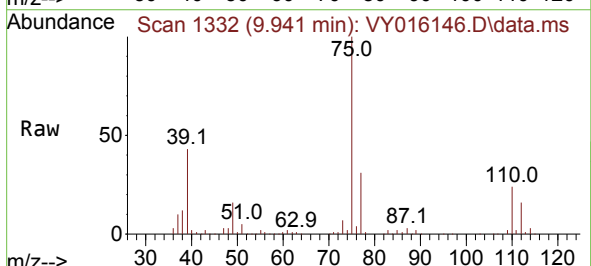
Instrument :
 MSVOA_Y
 ClientSampleId :

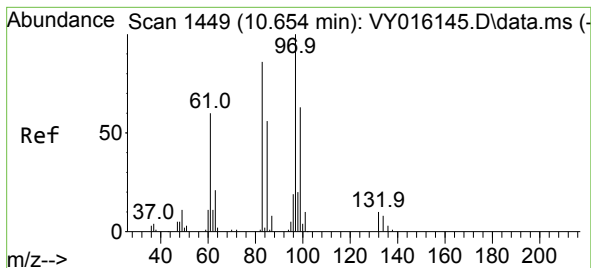
Tgt Ion: 75 Resp: 257709
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 108.882 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

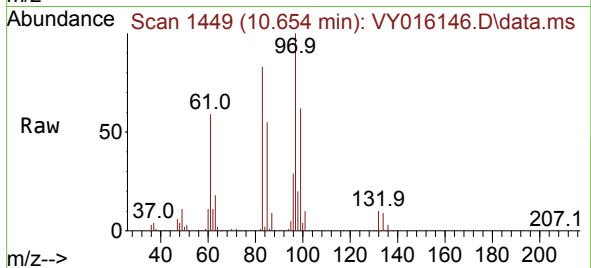
Tgt Ion: 75 Resp: 299726
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 42.6 42.2 63.4



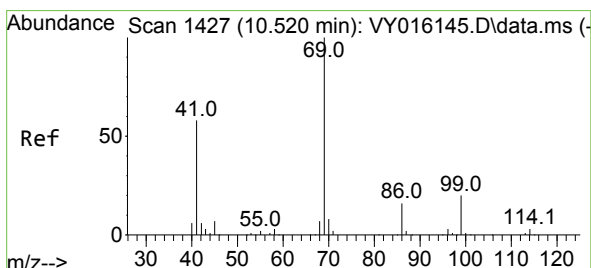
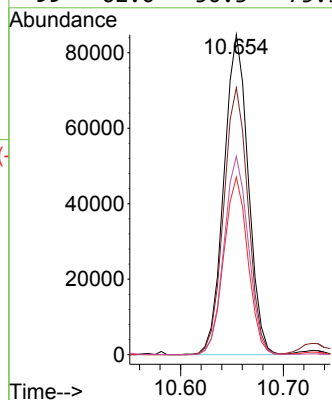
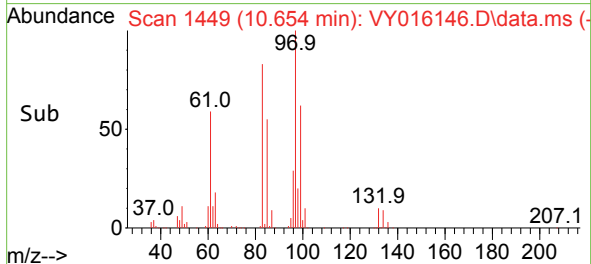


#55
1,1,2-Trichloroethane
Concen: 107.198 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

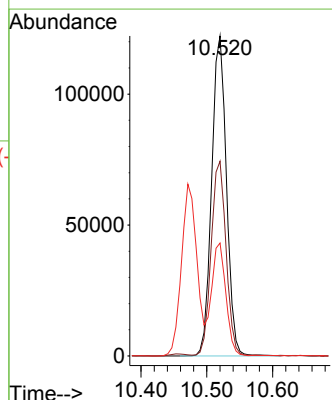
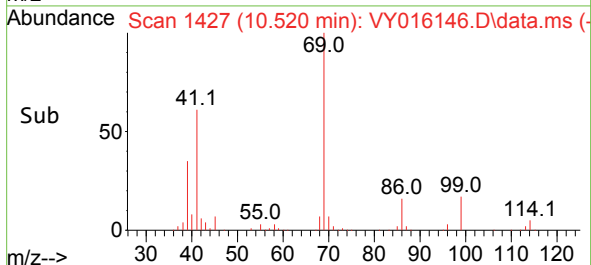
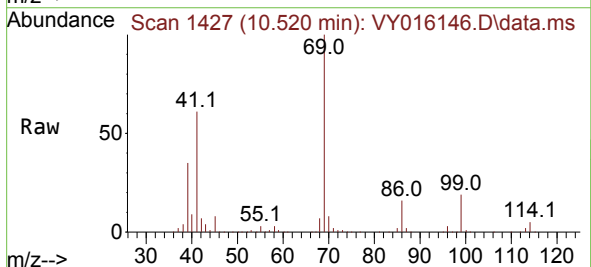


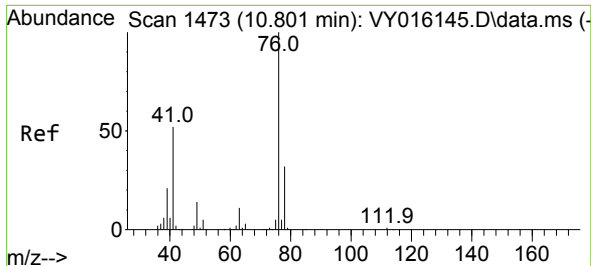
Tgt Ion:	97	Resp:	139469
Ion	Ratio	Lower	Upper
97	100		
83	83.4	72.0	108.0
85	55.5	45.4	68.0
99	62.0	50.3	75.5



#56
Ethyl methacrylate
Concen: 113.231 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:	69	Resp:	191322
Ion	Ratio	Lower	Upper
69	100		
41	61.3	57.6	86.4
39	34.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 106.624 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

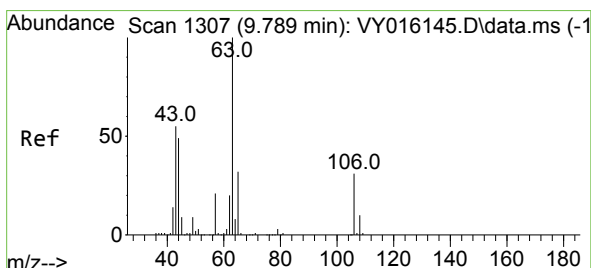
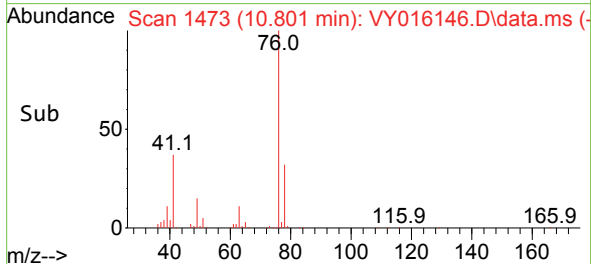
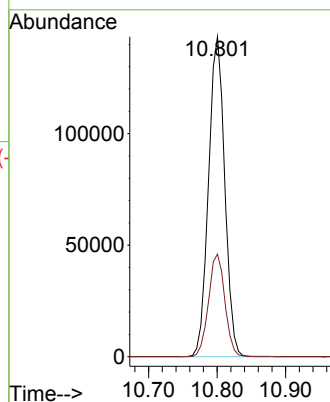
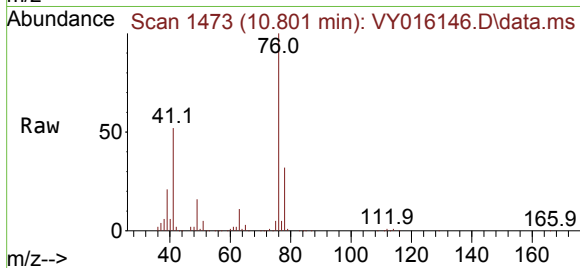
ClientSampleId :

Tgt Ion: 76 Resp: 236159

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 530.956 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016146.D

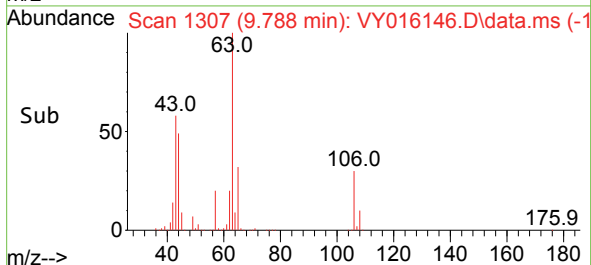
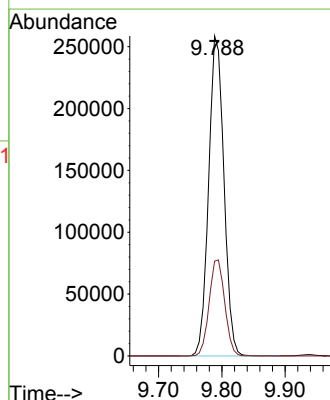
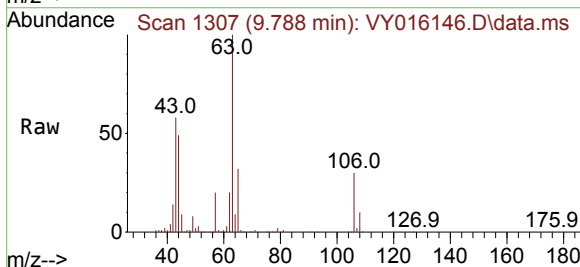
Acq: 31 Oct 2023 14:13

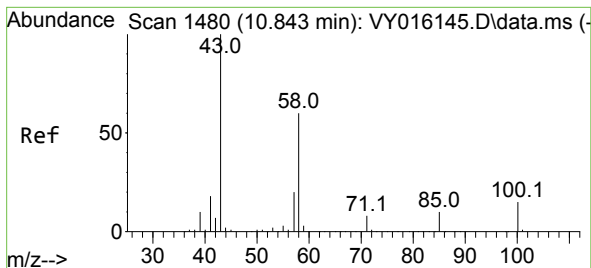
Tgt Ion: 63 Resp: 435026

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8

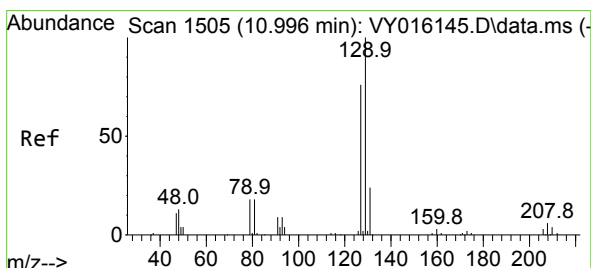
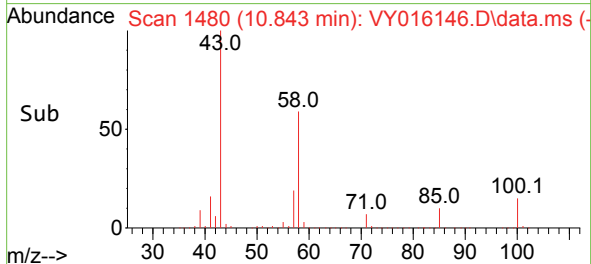
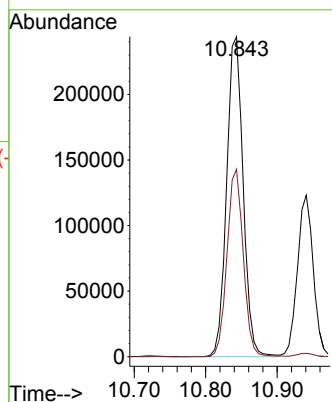
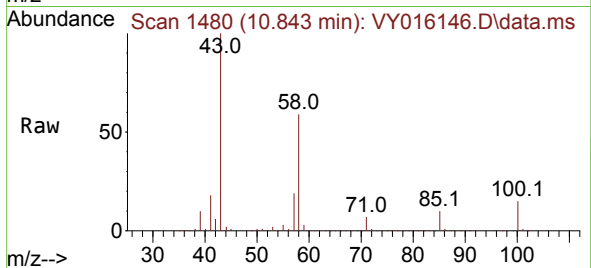




#59
2-Hexanone
Concen: 548.186 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

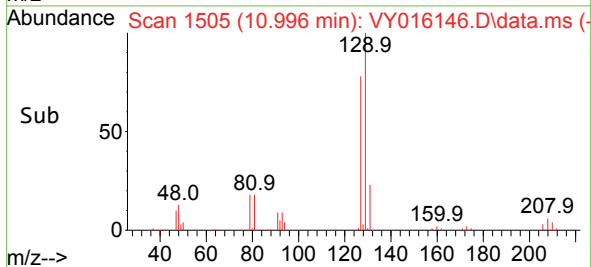
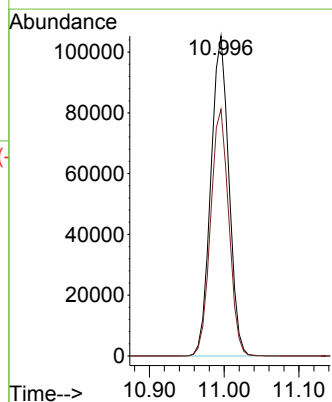
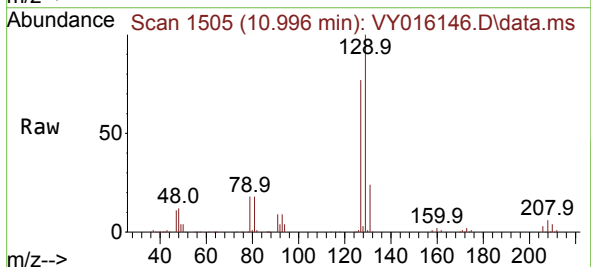
Instrument :
MSVOA_Y
ClientSampleId :

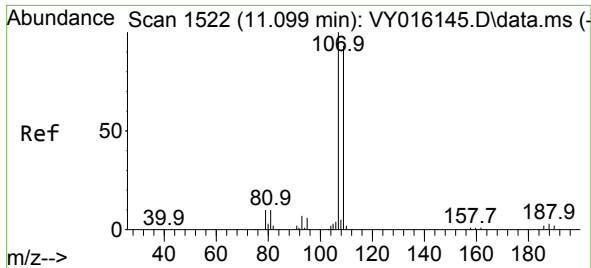
Tgt Ion: 43 Resp: 389863
Ion Ratio Lower Upper
43 100
58 57.8 25.1 75.3



#60
Dibromochloromethane
Concen: 108.123 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 129 Resp: 176482
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

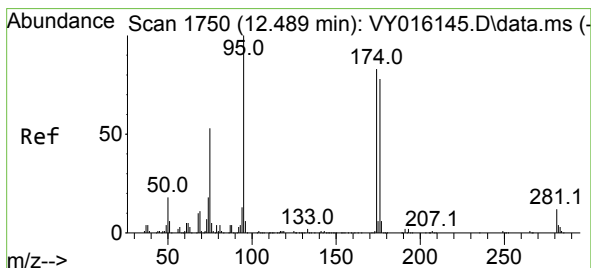
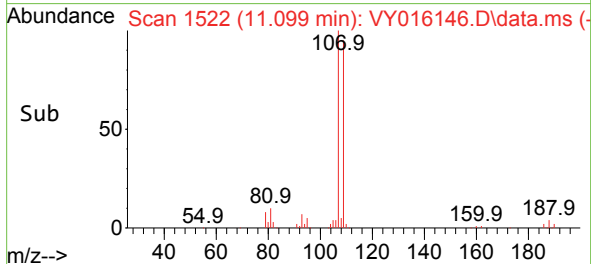
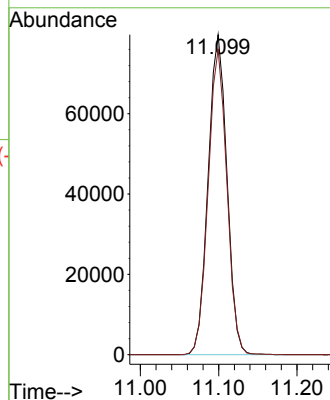
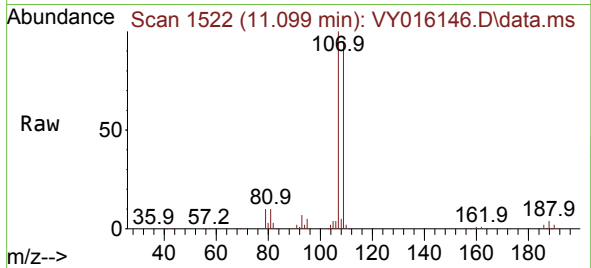




#61
1,2-Dibromoethane
Concen: 107.320 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

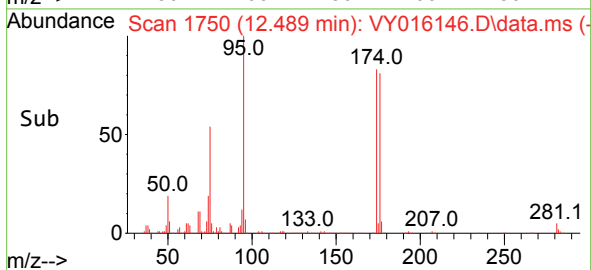
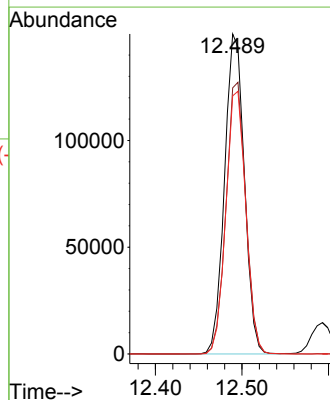
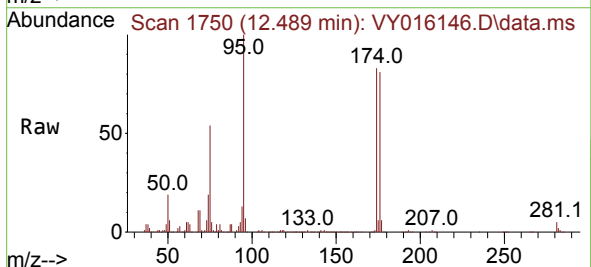
Instrument :
MSVOA_Y
ClientSampleId :

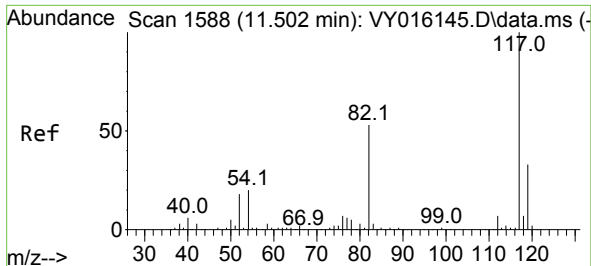
Tgt Ion:107 Resp: 132810
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 107.276 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

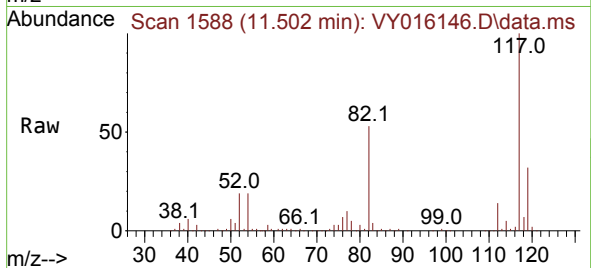
Tgt Ion: 95 Resp: 237786
Ion Ratio Lower Upper
95 100
174 84.9 0.0 178.2
176 82.7 0.0 173.8



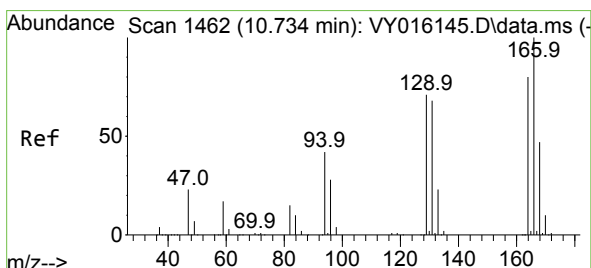
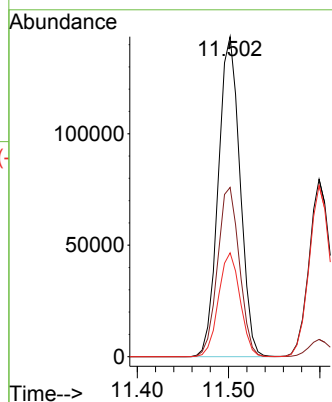
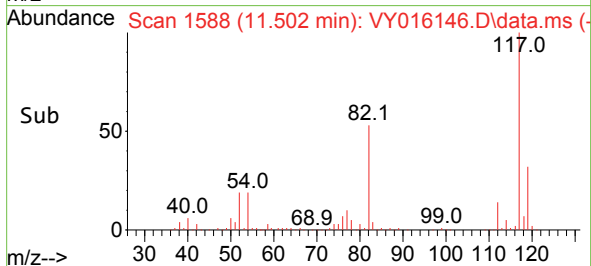


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

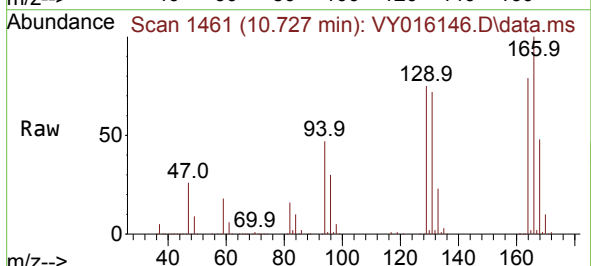
Instrument :
MSVOA_Y
ClientSampleId :



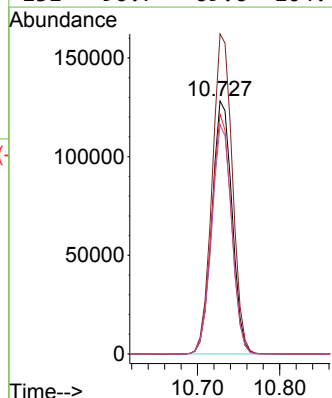
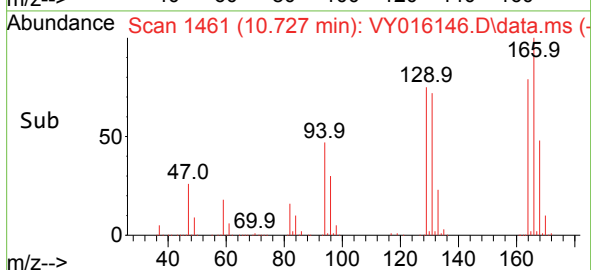
Tgt Ion:117 Resp: 237247
Ion Ratio Lower Upper
117 100
82 52.9 43.4 65.0
119 32.5 26.3 39.5

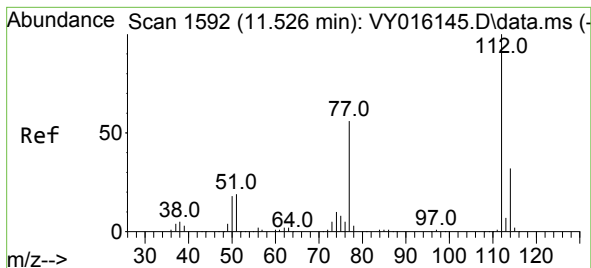


#64
Tetrachloroethene
Concen: 103.040 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13



Tgt Ion:164 Resp: 217444
Ion Ratio Lower Upper
164 100
166 126.5 103.0 154.6
129 94.8 77.2 115.8
131 90.7 69.6 104.4





#65

Chlorobenzene

Concen: 106.854 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

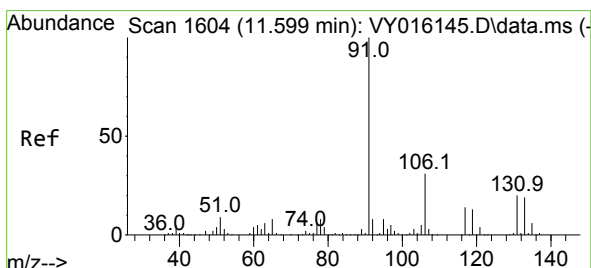
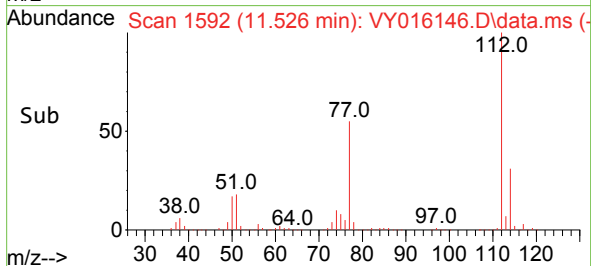
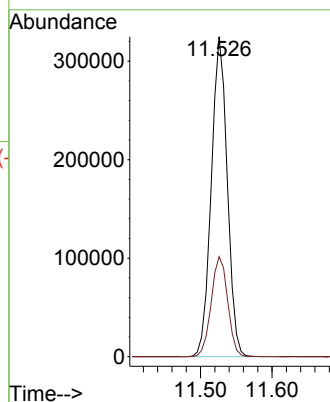
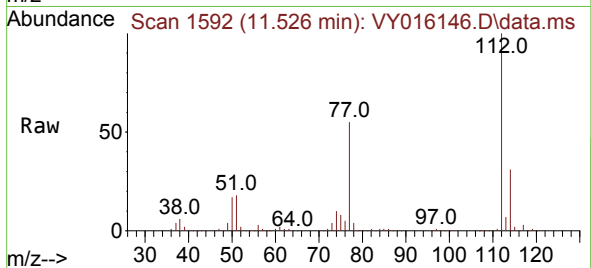
ClientSampleId :

Tgt Ion:112 Resp: 503663

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 108.640 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

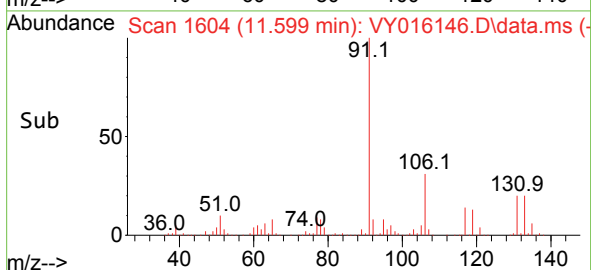
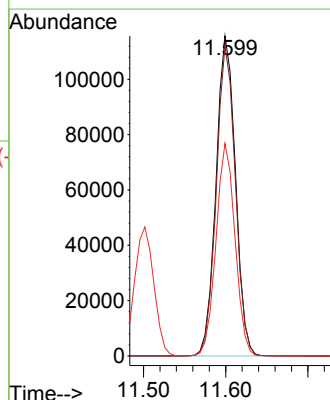
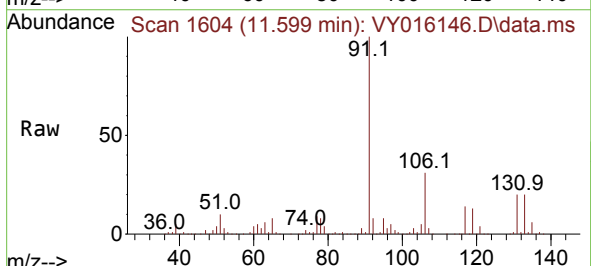
Tgt Ion:131 Resp: 189668

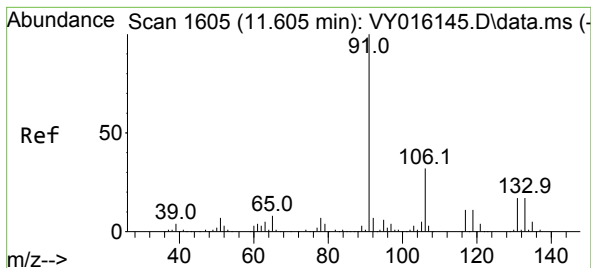
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 65.2 31.6 94.7

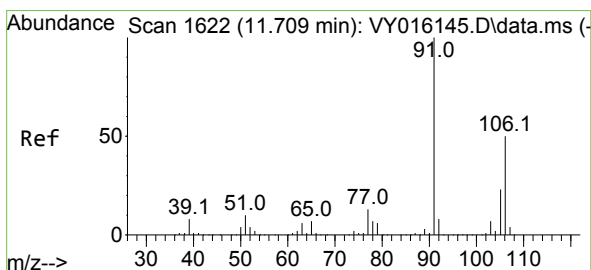
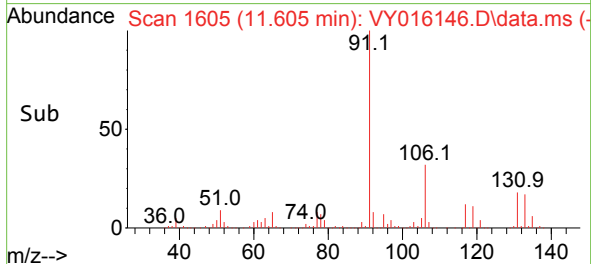
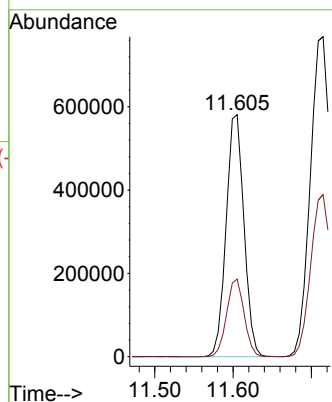
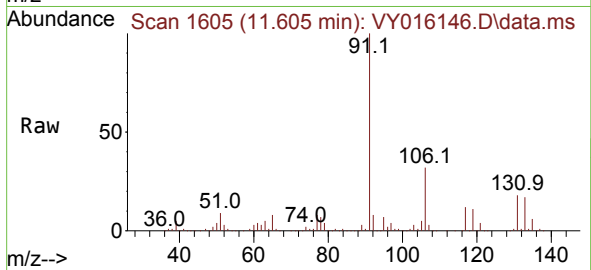




#67
Ethyl Benzene
Concen: 109.010 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

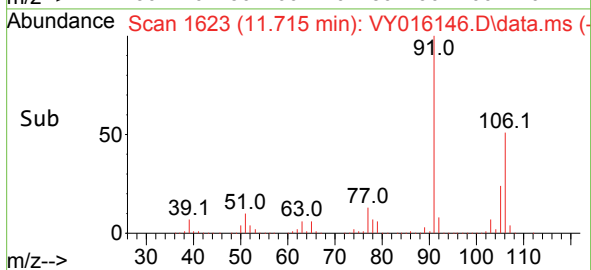
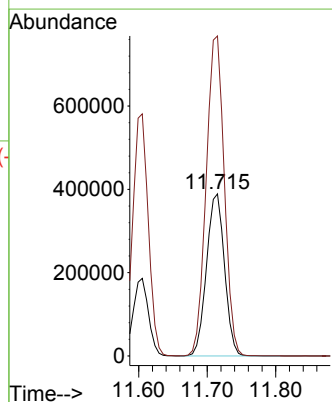
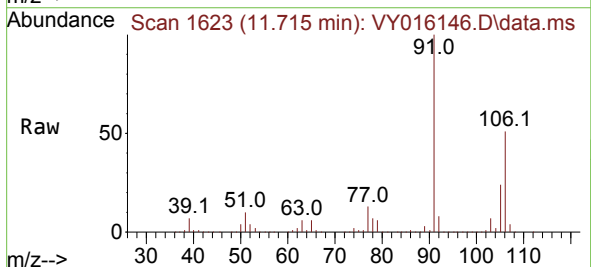
Instrument :
MSVOA_Y
ClientSampleId :

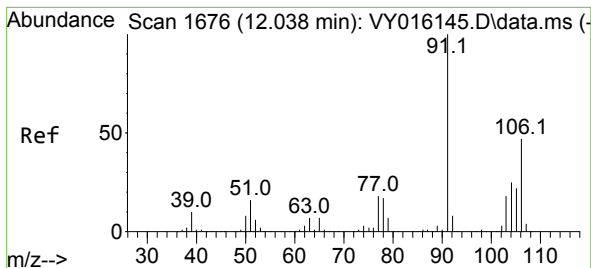
Tgt Ion: 91 Resp: 919035
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 217.931 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:106 Resp: 709967
Ion Ratio Lower Upper
106 100
91 198.9 166.1 249.1

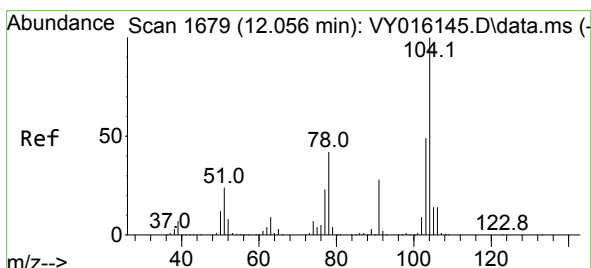
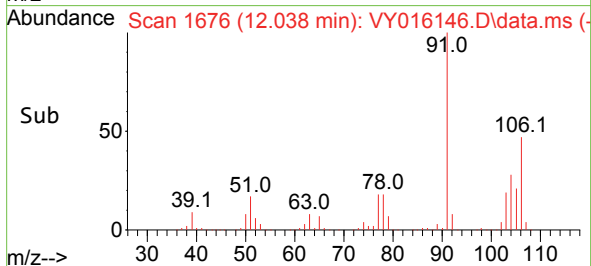
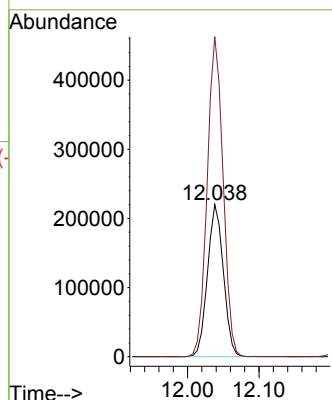
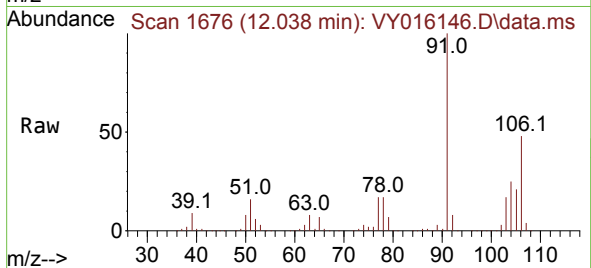




#69
o-Xylene
Concen: 109.190 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

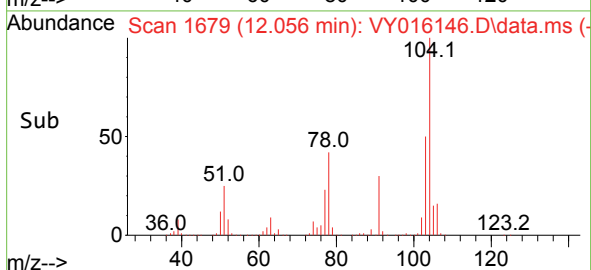
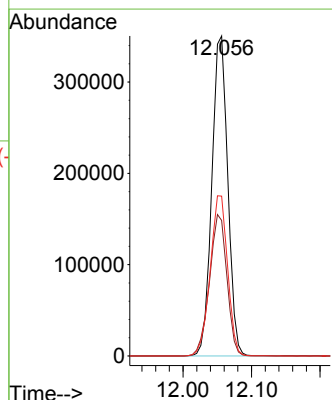
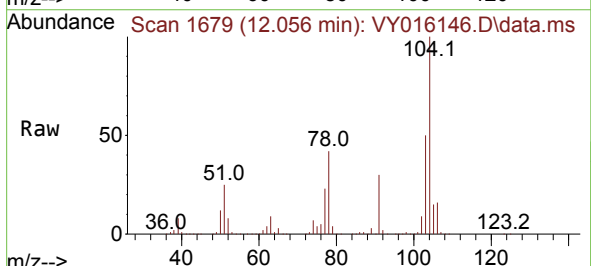
Instrument :
MSVOA_Y
ClientSampleId :

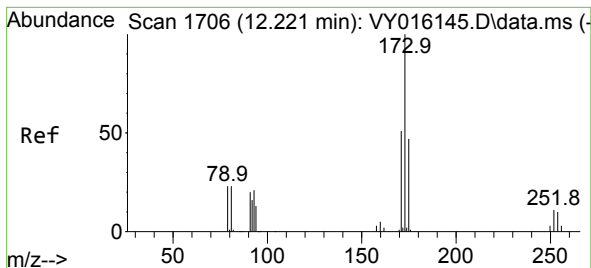
Tgt Ion:106 Resp: 339632
Ion Ratio Lower Upper
106 100
91 210.1 108.1 324.3



#70
Styrene
Concen: 109.460 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion:104 Resp: 566005
Ion Ratio Lower Upper
104 100
78 48.3 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 110.486 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

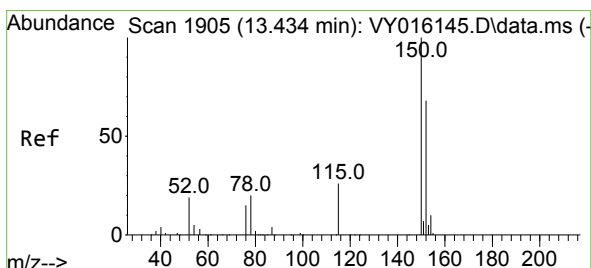
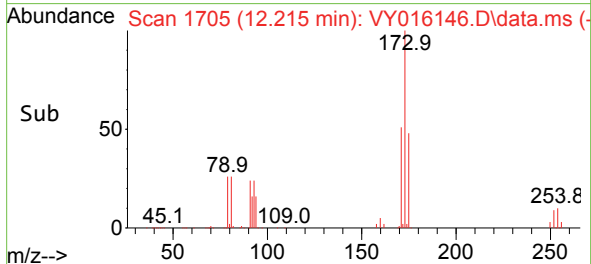
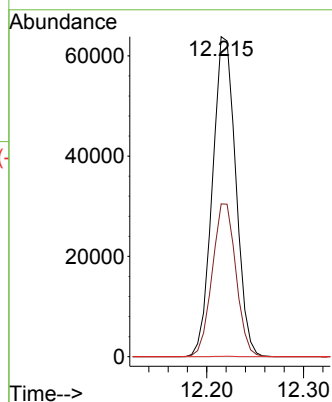
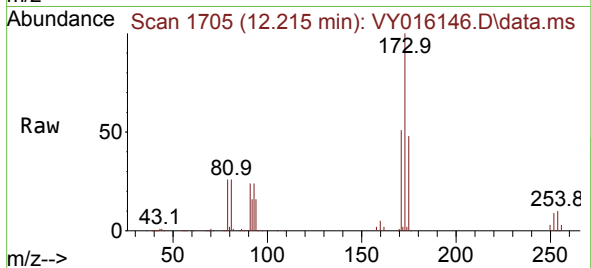
Tgt Ion:173 Resp: 107008

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

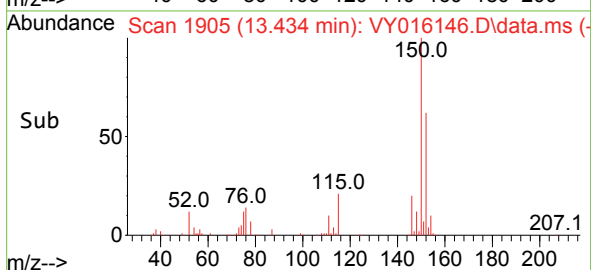
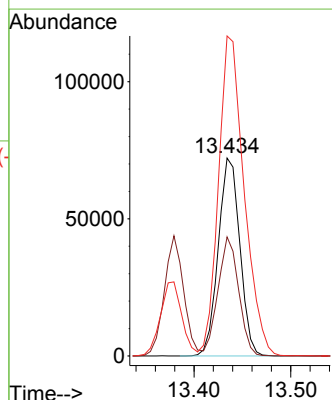
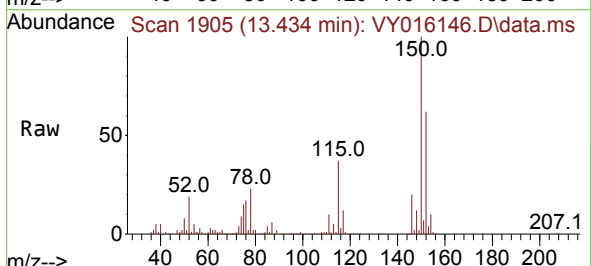
Tgt Ion:152 Resp: 111749

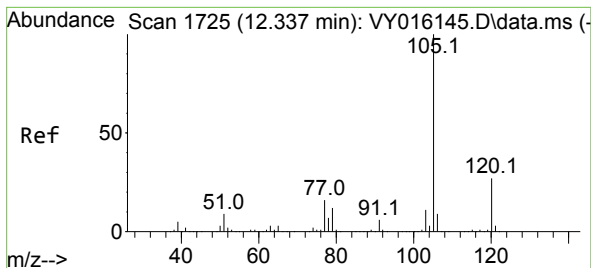
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 192.3 0.0 348.8





#73

Isopropylbenzene

Concen: 107.845 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

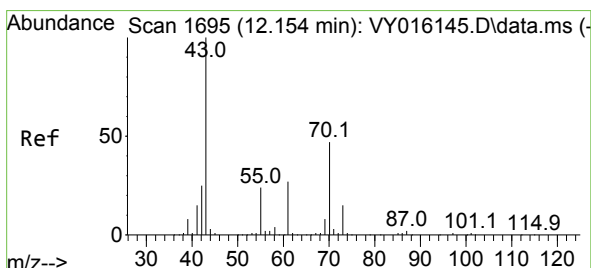
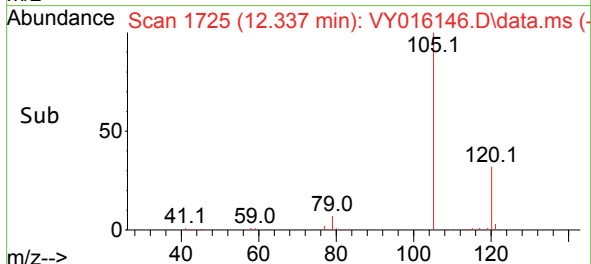
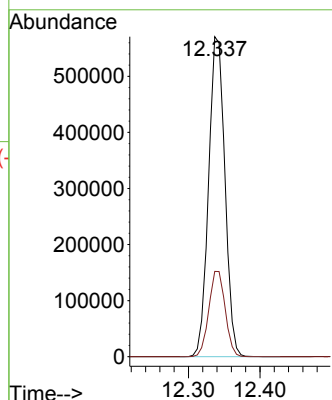
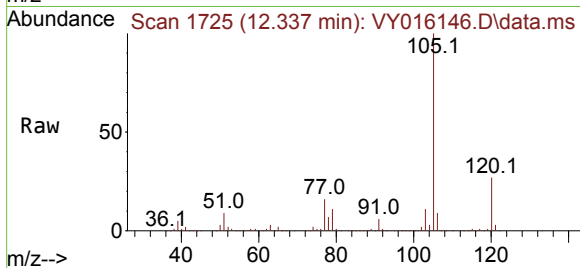
ClientSampleId :

Tgt Ion:105 Resp: 904020

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 112.663 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Tgt Ion: 43 Resp: 205226

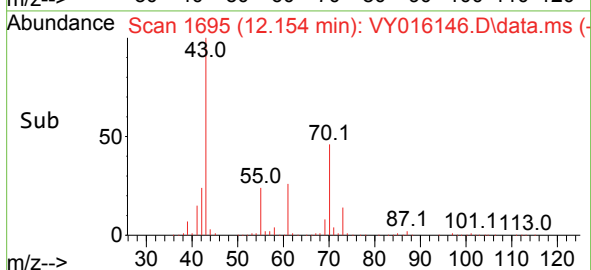
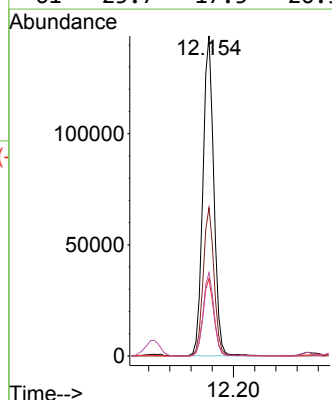
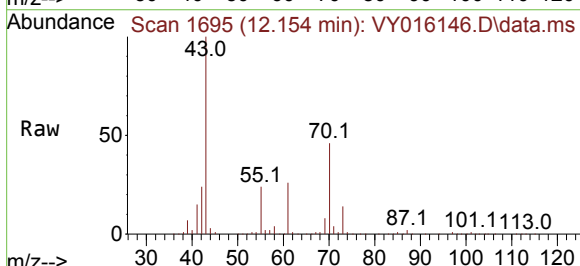
Ion Ratio Lower Upper

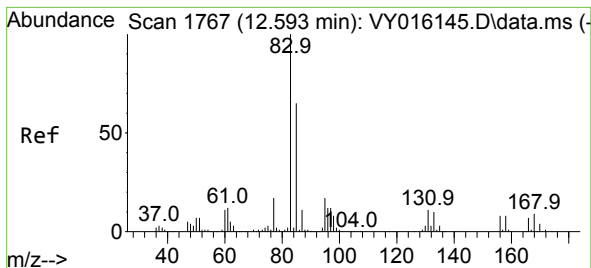
43 100

70 46.2 29.7 44.5#

55 24.4 18.3 27.5

61 25.7 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 108.029 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

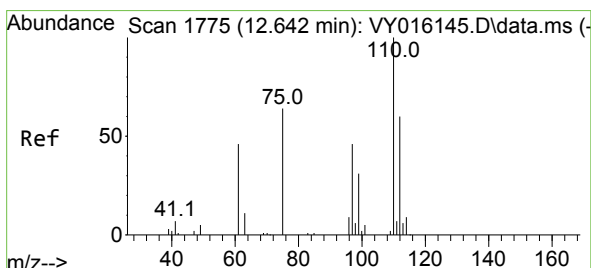
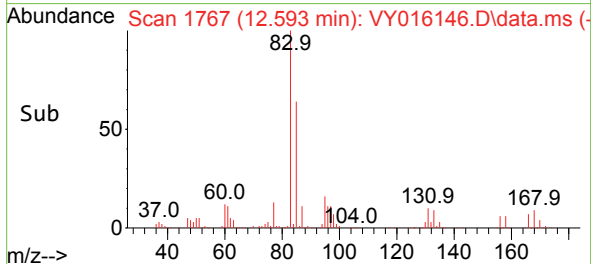
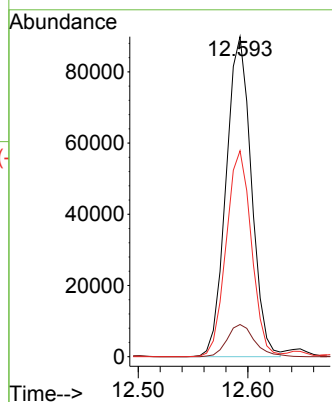
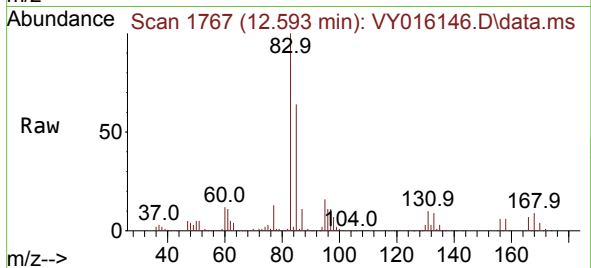
Tgt Ion: 83 Resp: 144097

Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 169.840 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016146.D

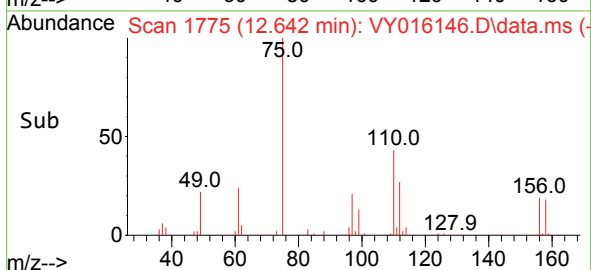
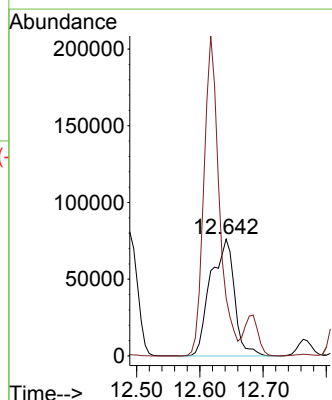
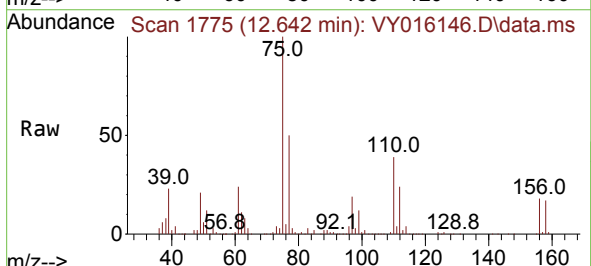
Acq: 31 Oct 2023 14:13

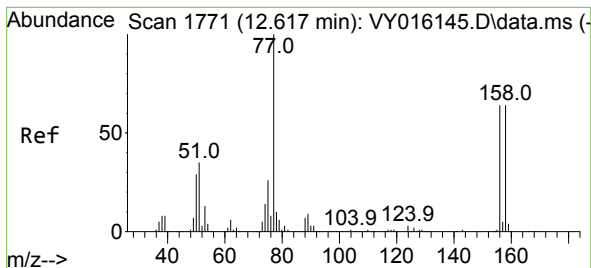
Tgt Ion: 75 Resp: 200282

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 107.551 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

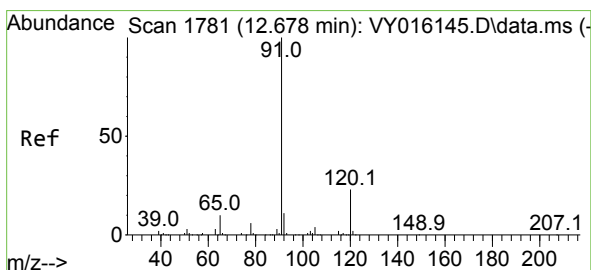
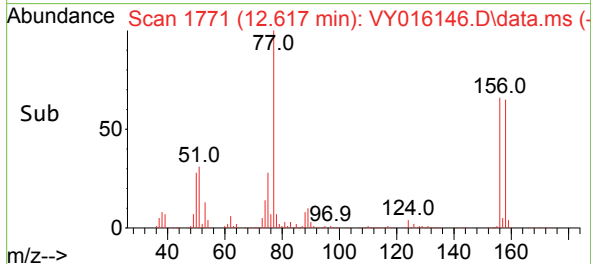
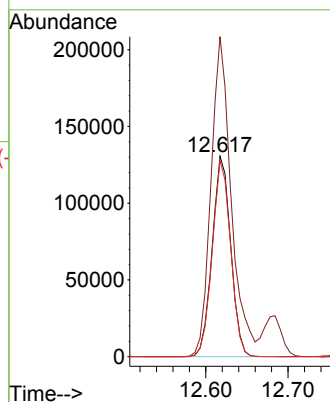
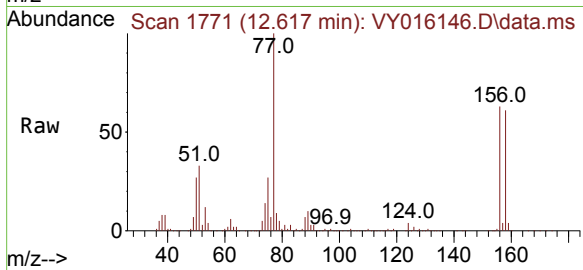
Tgt Ion:156 Resp: 204141

Ion Ratio Lower Upper

156 100

77 174.6 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 107.149 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016146.D

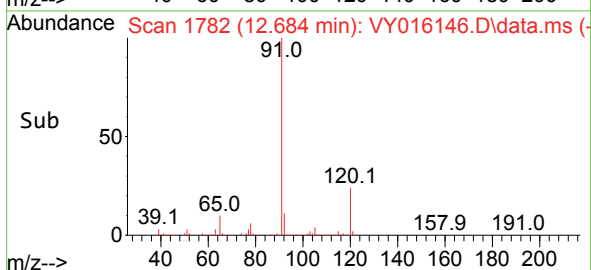
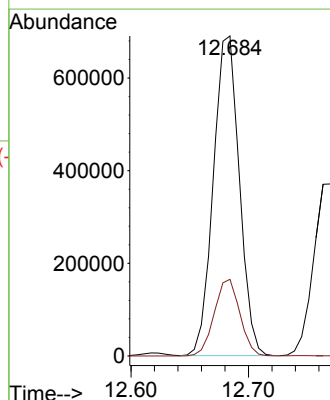
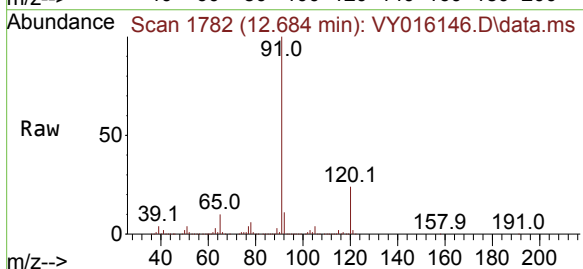
Acq: 31 Oct 2023 14:13

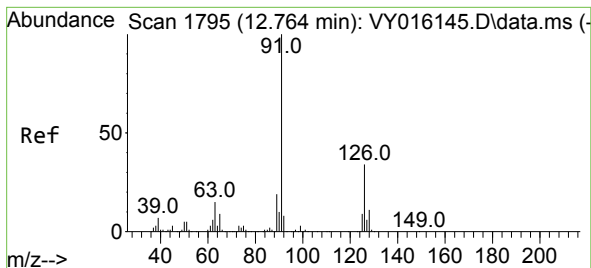
Tgt Ion: 91 Resp: 1061894

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 106.822 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

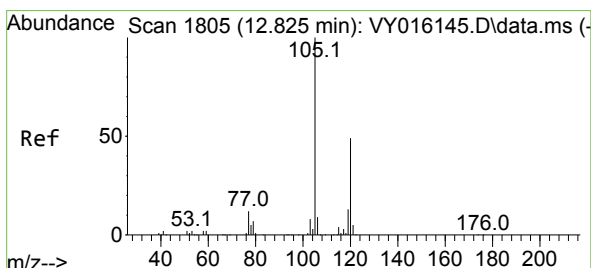
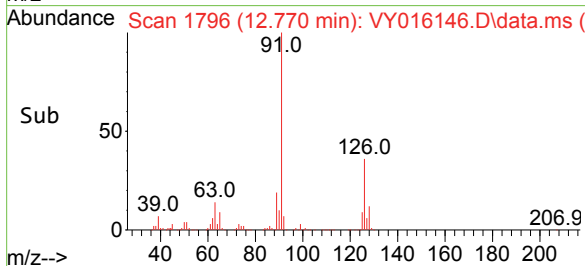
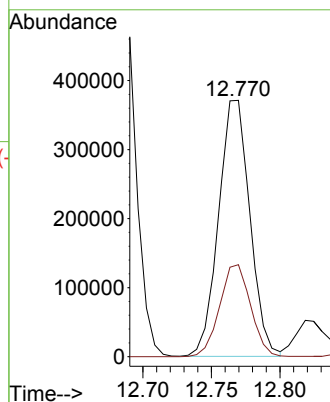
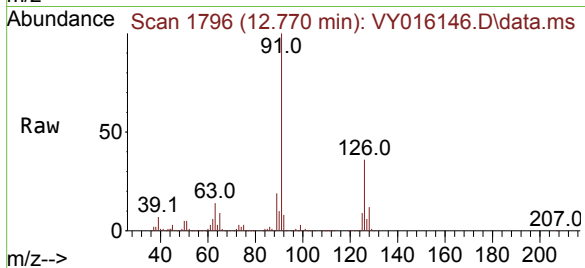
ClientSampleId :

Tgt Ion: 91 Resp: 590456

Ion Ratio Lower Upper

91 100

126 35.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 107.511 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016146.D

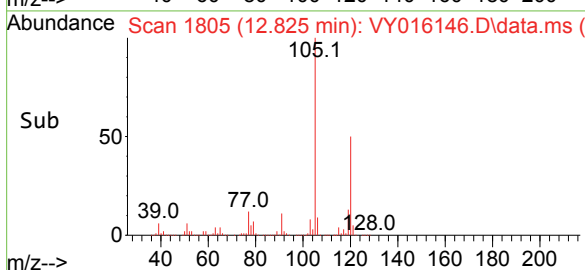
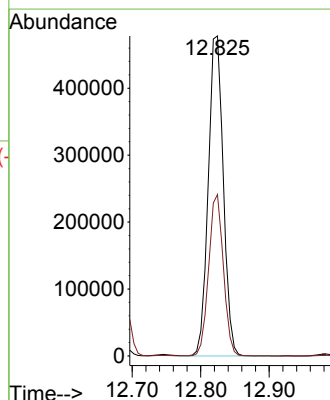
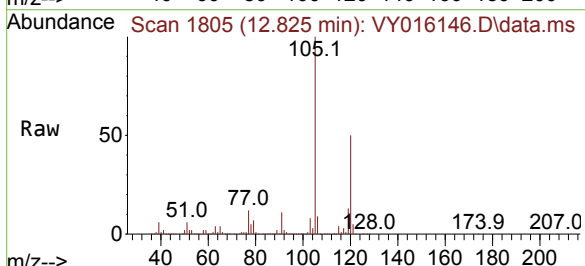
Acq: 31 Oct 2023 14:13

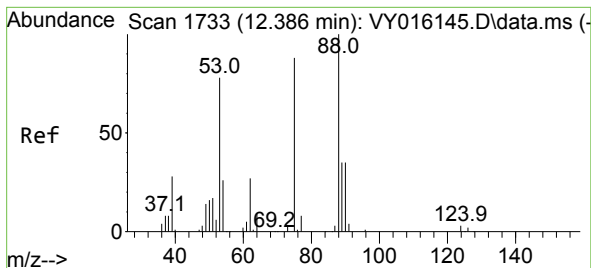
Tgt Ion:105 Resp: 730138

Ion Ratio Lower Upper

105 100

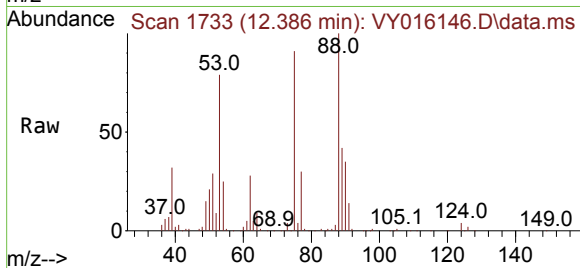
120 49.3 23.9 71.7



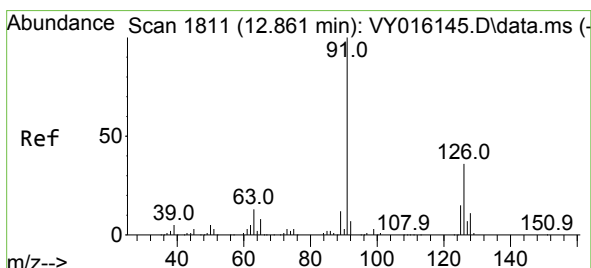
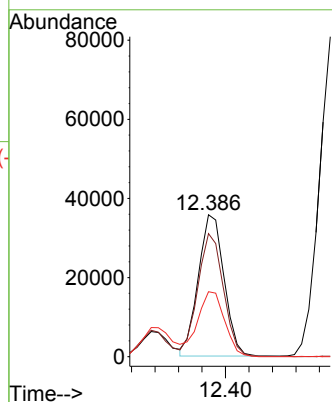
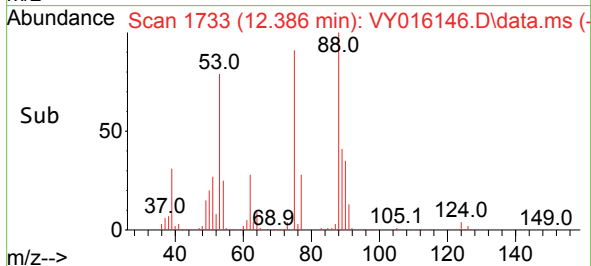


#81
trans-1,4-Dichloro-2-butene
Concen: 112.096 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Instrument :
MSVOA_Y
ClientSampleId :

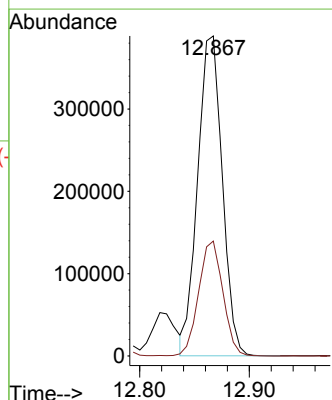
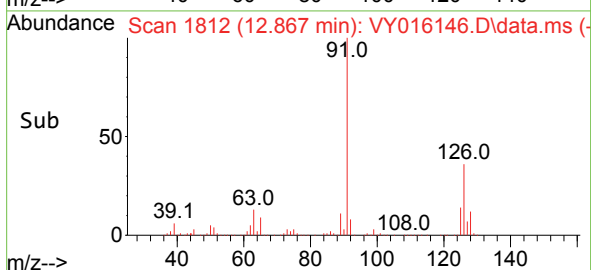
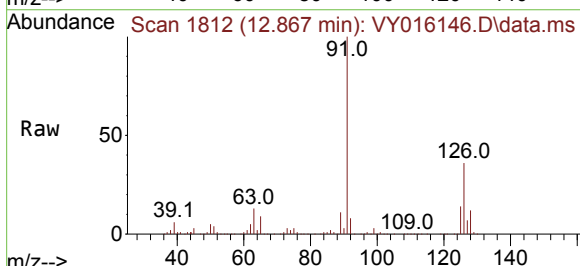


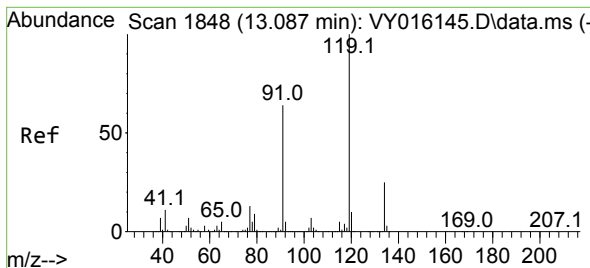
Tgt Ion: 75 Resp: 54406
Ion Ratio Lower Upper
75 100
53 87.2 77.8 116.8
89 48.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 106.900 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 91 Resp: 606764
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 107.681 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

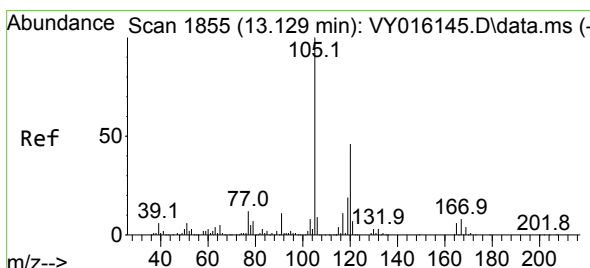
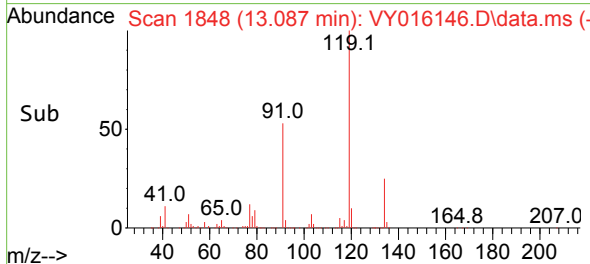
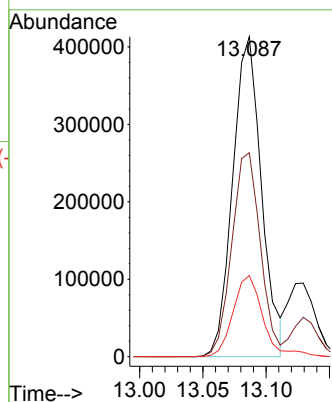
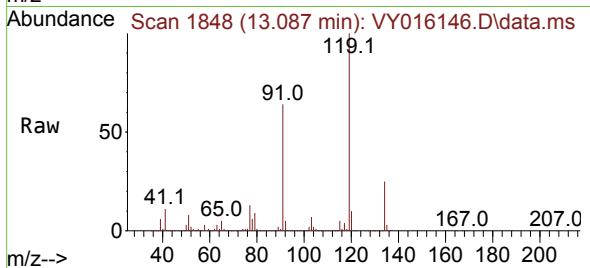
Tgt Ion:119 Resp: 654330

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 106.424 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016146.D

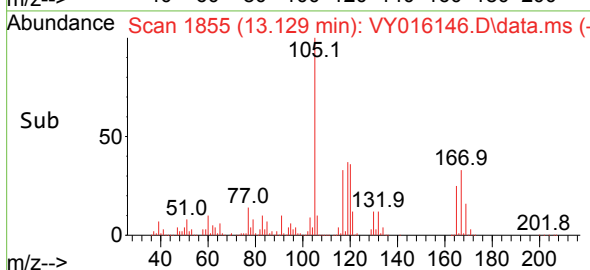
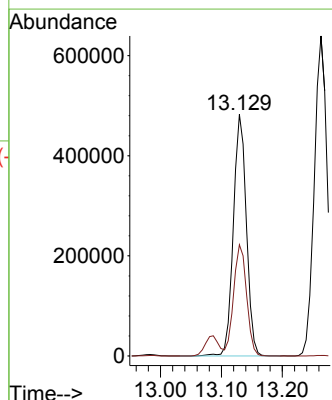
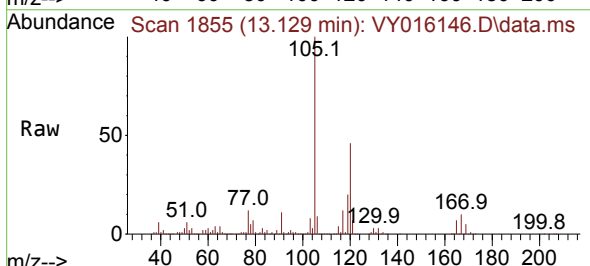
Acq: 31 Oct 2023 14:13

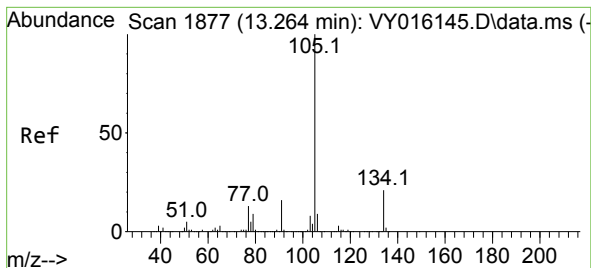
Tgt Ion:105 Resp: 715166

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 106.727 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

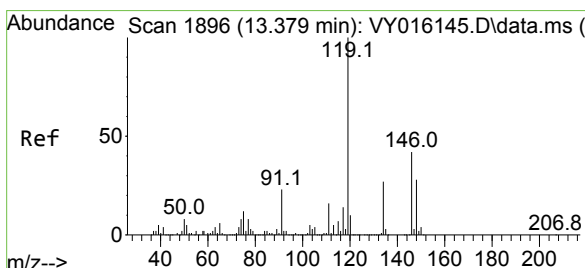
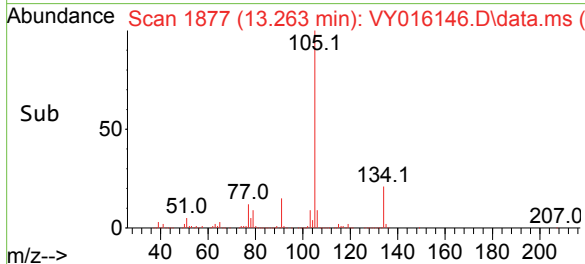
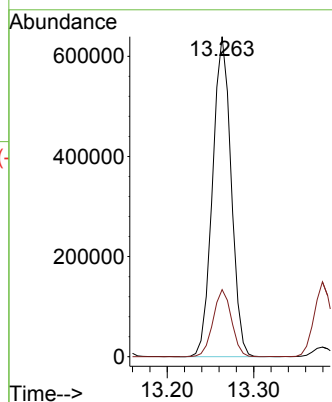
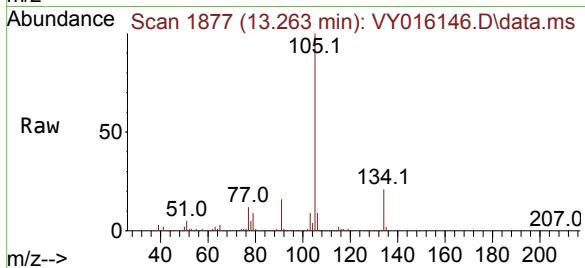
ClientSampleId :

Tgt Ion:105 Resp: 951863

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 106.988 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

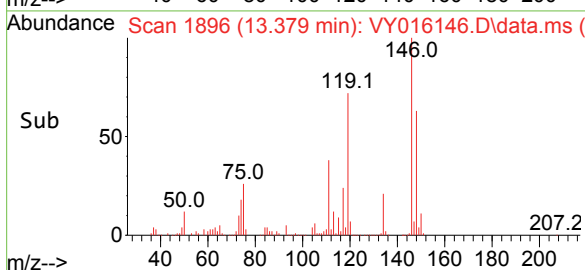
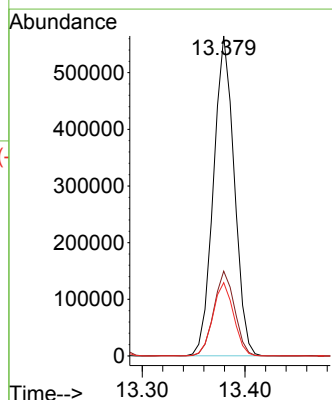
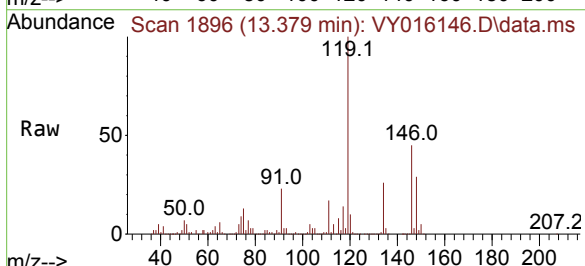
Tgt Ion:119 Resp: 790832

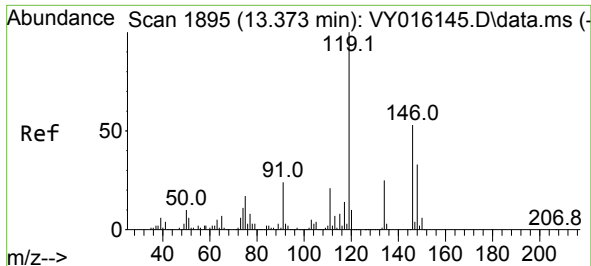
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 12.4 37.4

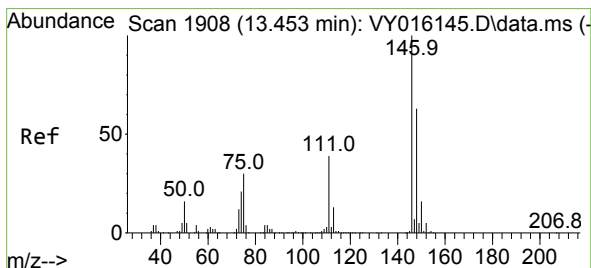
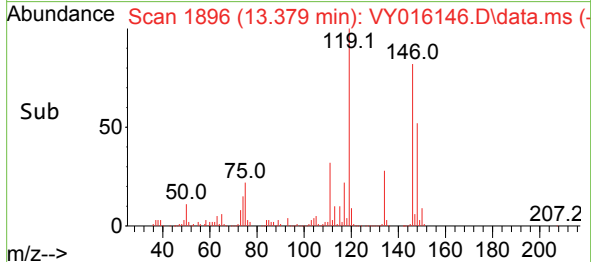
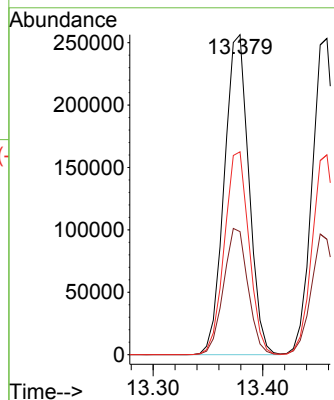
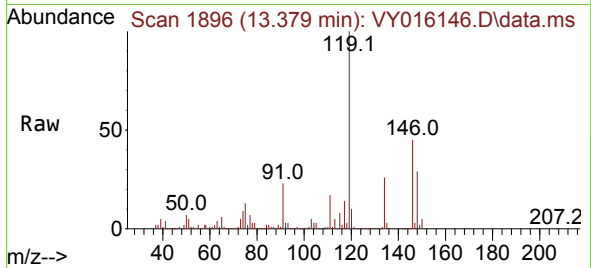




#87
 1,3-Dichlorobenzene
 Concen: 106.527 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

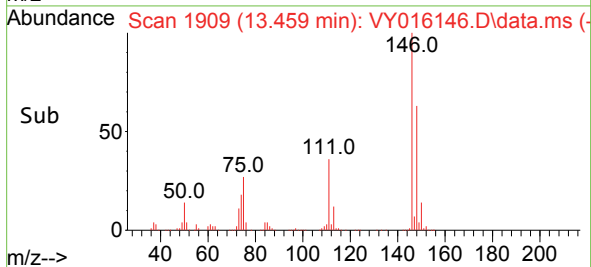
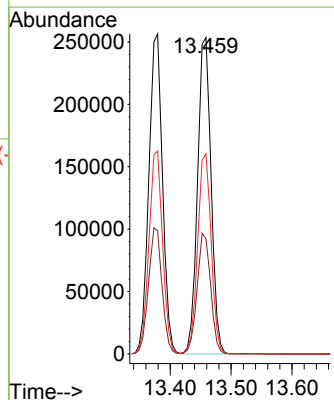
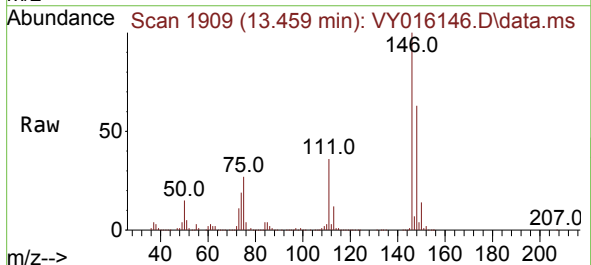
Instrument :
 MSVOA_Y
 ClientSampleId :

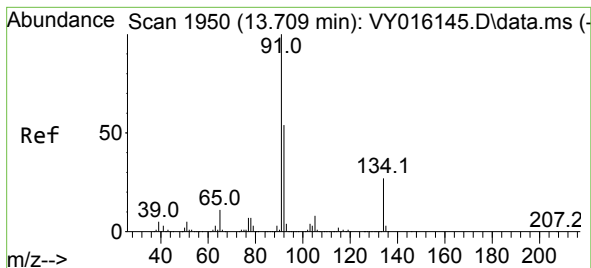
Tgt Ion:146 Resp: 399893
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.4 58.2
 148 63.4 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 105.265 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016146.D
 Acq: 31 Oct 2023 14:13

Tgt Ion:146 Resp: 390557
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.7
 148 63.3 32.1 96.5





#89

n-Butylbenzene

Concen: 104.753 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

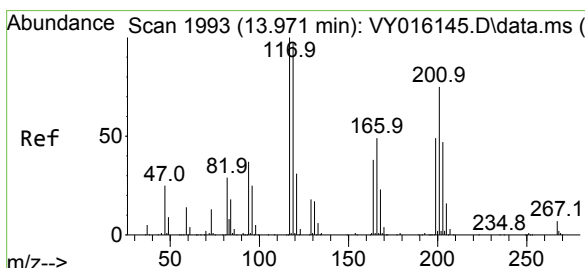
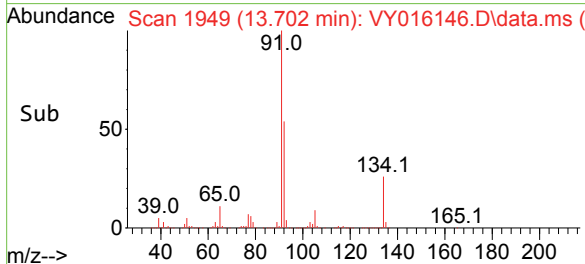
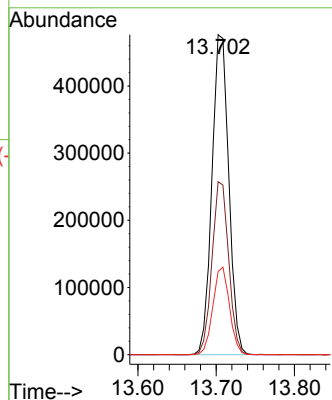
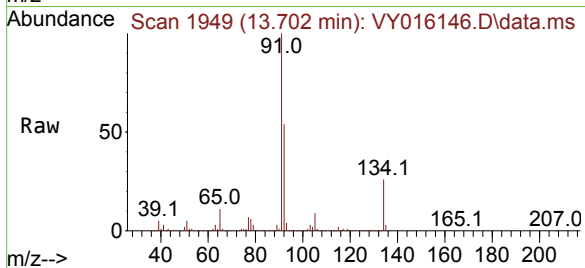
Tgt Ion: 91 Resp: 711467

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 113.174 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016146.D

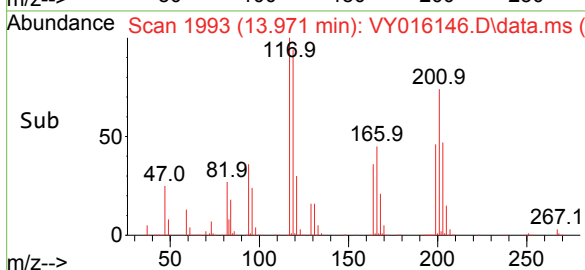
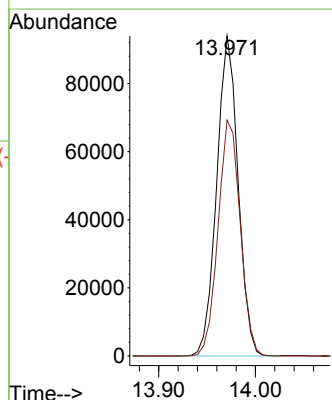
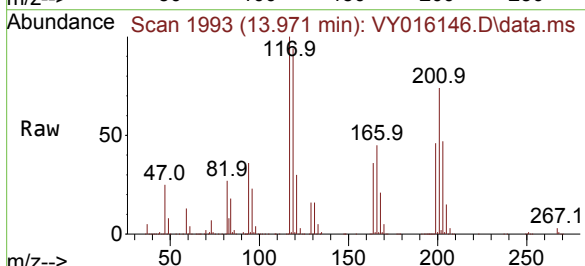
Acq: 31 Oct 2023 14:13

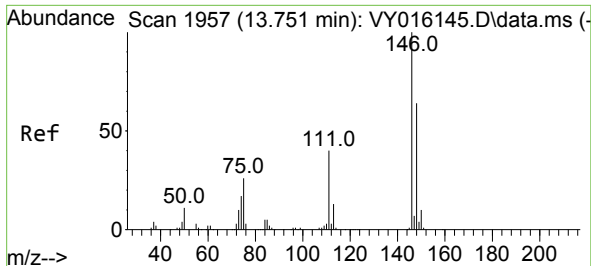
Tgt Ion: 117 Resp: 144163

Ion Ratio Lower Upper

117 100

201 76.3 41.6 124.8

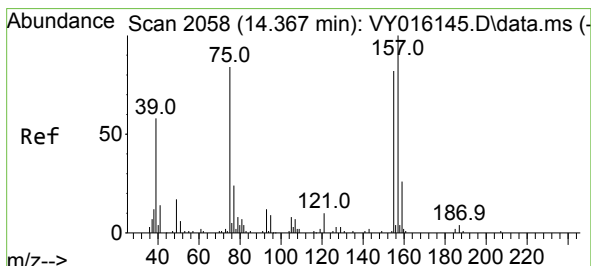
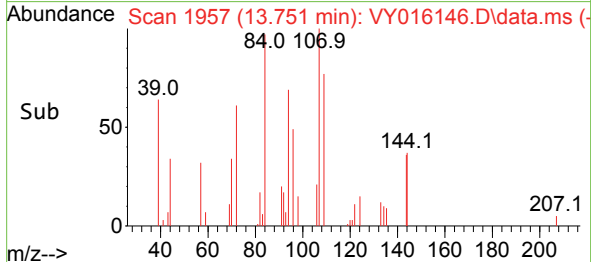
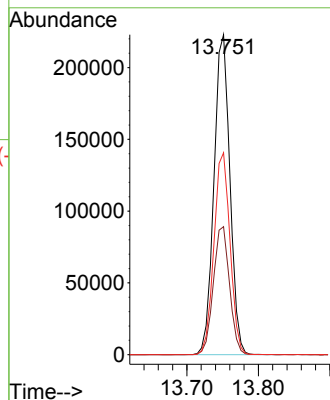
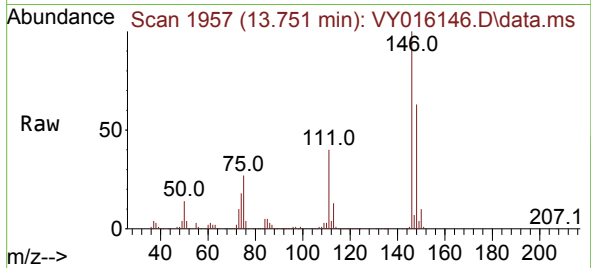




#91
1,2-Dichlorobenzene
Concen: 106.415 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

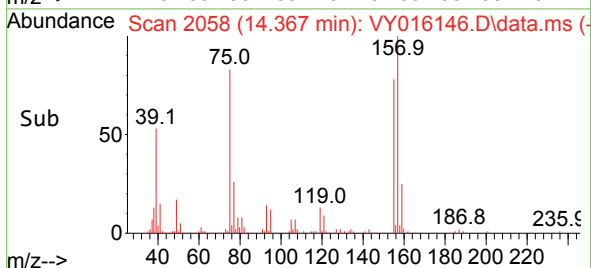
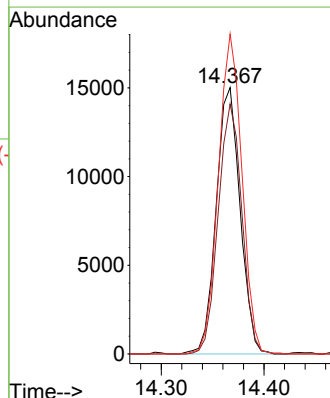
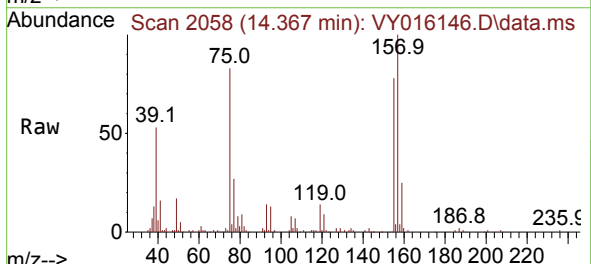
Instrument :
MSVOA_Y
ClientSampleId :

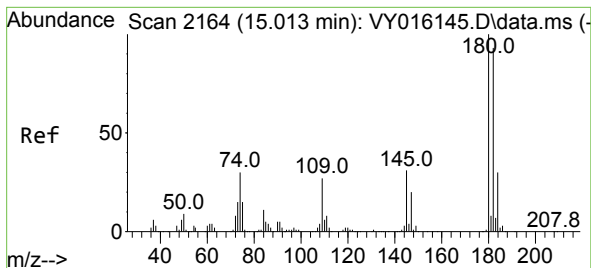
Tgt Ion:146 Resp: 345148
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 101.513 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016146.D
Acq: 31 Oct 2023 14:13

Tgt Ion: 75 Resp: 24233
Ion Ratio Lower Upper
75 100
155 92.7 41.5 124.6
157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 101.232 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

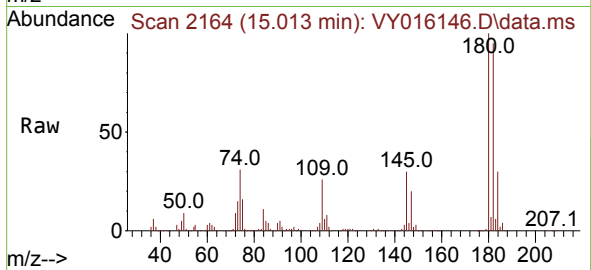
Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :



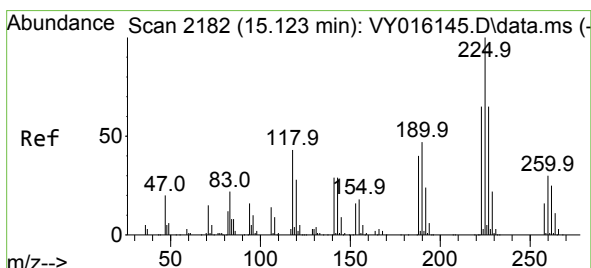
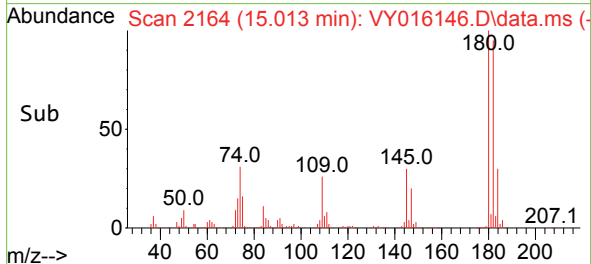
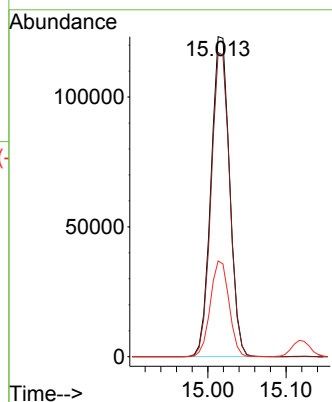
Tgt Ion:180 Resp: 202655

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 96.473 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

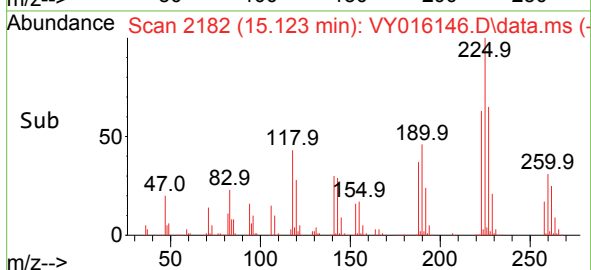
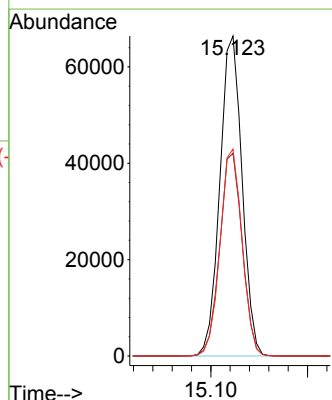
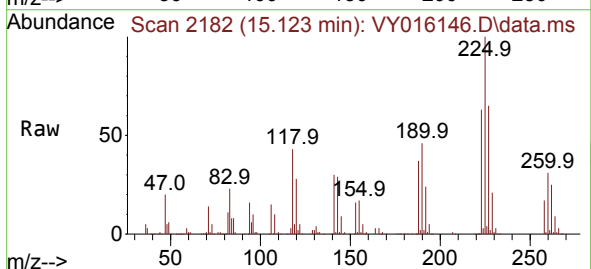
Tgt Ion:225 Resp: 105534

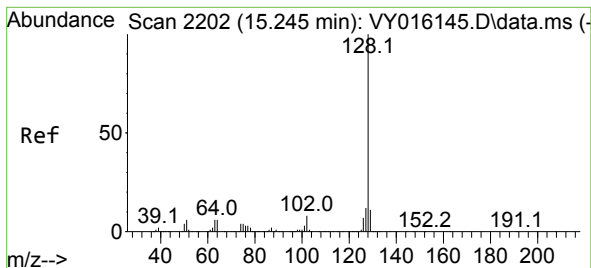
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 64.1 33.0 98.9





#95

Naphthalene

Concen: 104.101 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Instrument :

MSVOA_Y

ClientSampleId :

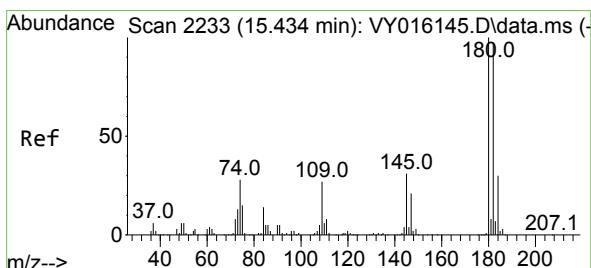
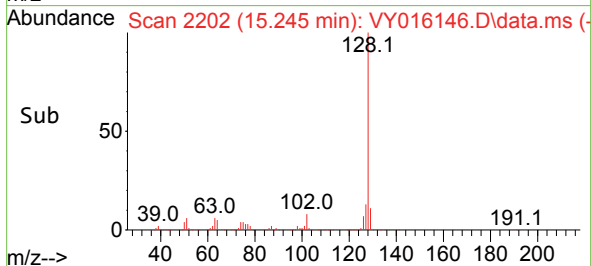
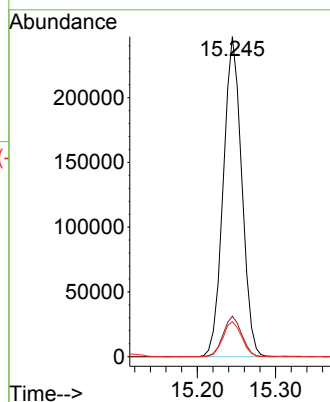
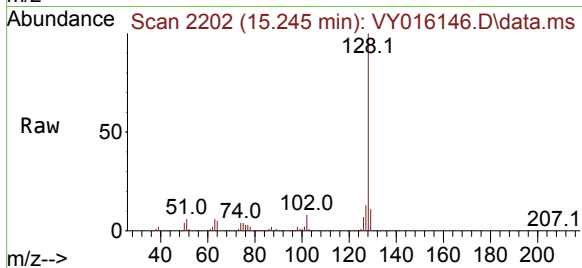
Tgt Ion:128 Resp: 404853

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 101.272 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016146.D

Acq: 31 Oct 2023 14:13

Tgt Ion:180 Resp: 173183

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 31.7 15.4 46.2

