

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016176.D
 Acq On : 01 Nov 2023 18:10
 Operator : SY/MD
 Sample : 05102-07
 Misc : 3.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:30:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	103108	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	189832	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	165708	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	80920	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.307	65	1826278	1892.878	ug/l	0.16
Spiked Amount	50.000	Range	50 - 163	Recovery	= 3785.760%#	
35) Dibromofluoromethane	7.758	113	32548	28.760	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	= 57.520%	
50) Toluene-d8	10.240	98	290988	64.850	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	= 129.700%	
62) 4-Bromofluorobenzene	12.465	95	307008	200.092	ug/l	-0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	= 400.180%#	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	913	1.388	ug/l	96
3) Chloromethane	2.113	50	1067	1.172	ug/l	# 75
4) Vinyl Chloride	2.253	62	578623	615.639	ug/l	97
6) Chloroethane	2.802	64	18423	27.842	ug/l	100
8) Diethyl Ether	3.546	74	7490	15.927	ug/l	53
11) Tert butyl alcohol	4.978	59	3895	54.033	ug/l	# 89
12) 1,1-Dichloroethene	3.893	96	33606	41.190	ug/l	83
13) Acrolein	3.747	56	3591	47.415	ug/l	# 14
15) Acrylonitrile	5.259	53	55730	277.324	ug/l	# 40
16) Acetone	3.960	43	323570	2253.854	ug/l	99
17) Carbon Disulfide	4.204	76	5870	2.882	ug/l	# 90
19) Methyl tert-butyl Ether	5.253	73	58493	25.205	ug/l	# 1
20) Methylene Chloride	4.735	84	234786	251.531	ug/l	84
21) trans-1,2-Dichloroethene	5.247	96	7522	7.915	ug/l	98
22) Diisopropyl ether	6.149	45	16954	6.006	ug/l	# 80
24) 1,1-Dichloroethane	6.051	63	1465163	867.309	ug/l	96
25) 2-Butanone	7.015	43	19515	73.314	ug/l	# 1
26) 2,2-Dichloropropane	6.820	77	16216	10.154	ug/l	# 54
27) cis-1,2-Dichloroethene	7.015	96	1597724	1428.577	ug/l	81
29) Tetrahydrofuran	7.374	42	2499	14.977	ug/l	# 69
31) Cyclohexane	7.813	56	16919595	11407.906	ug/l	# 80
36) 1,1-Dichloropropene	8.210	75	1249039	764.314	ug/l	# 1
37) Ethyl Acetate	7.015	43	19515	26.811	ug/l	# 1
38) Carbon Tetrachloride	7.825	117	10577	6.533	ug/l	# 14
39) Methylcyclohexane	9.209	83	2749295	1409.398	ug/l	93
41) Methacrylonitrile	7.393	41	3317	7.851	ug/l	# 46
42) 1,2-Dichloroethane	8.301	62	38867538	29686.462	ug/l	86
43) Isopropyl Acetate	8.575	43	1583699	1099.971	ug/l	# 55
44) Trichloroethene	8.966	130	1405731	1023.872	ug/l	97
45) 1,2-Dichloropropane	9.203	63	41750	36.992	ug/l	# 1
47) Bromodichloromethane	9.563	83	14520	8.926	ug/l	# 26
48) Methyl methacrylate	9.319	41	1411666	2156.211	ug/l	# 86
49) 1,4-Dioxane	9.325	88	193	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.130	43	14083465	19604.078	ug/l	# 41
52) Toluene	10.264	92	38107103	12534.643	ug/l	# 1
53) t-1,3-Dichloropropene	10.349	75	268573	165.389	ug/l	# 1

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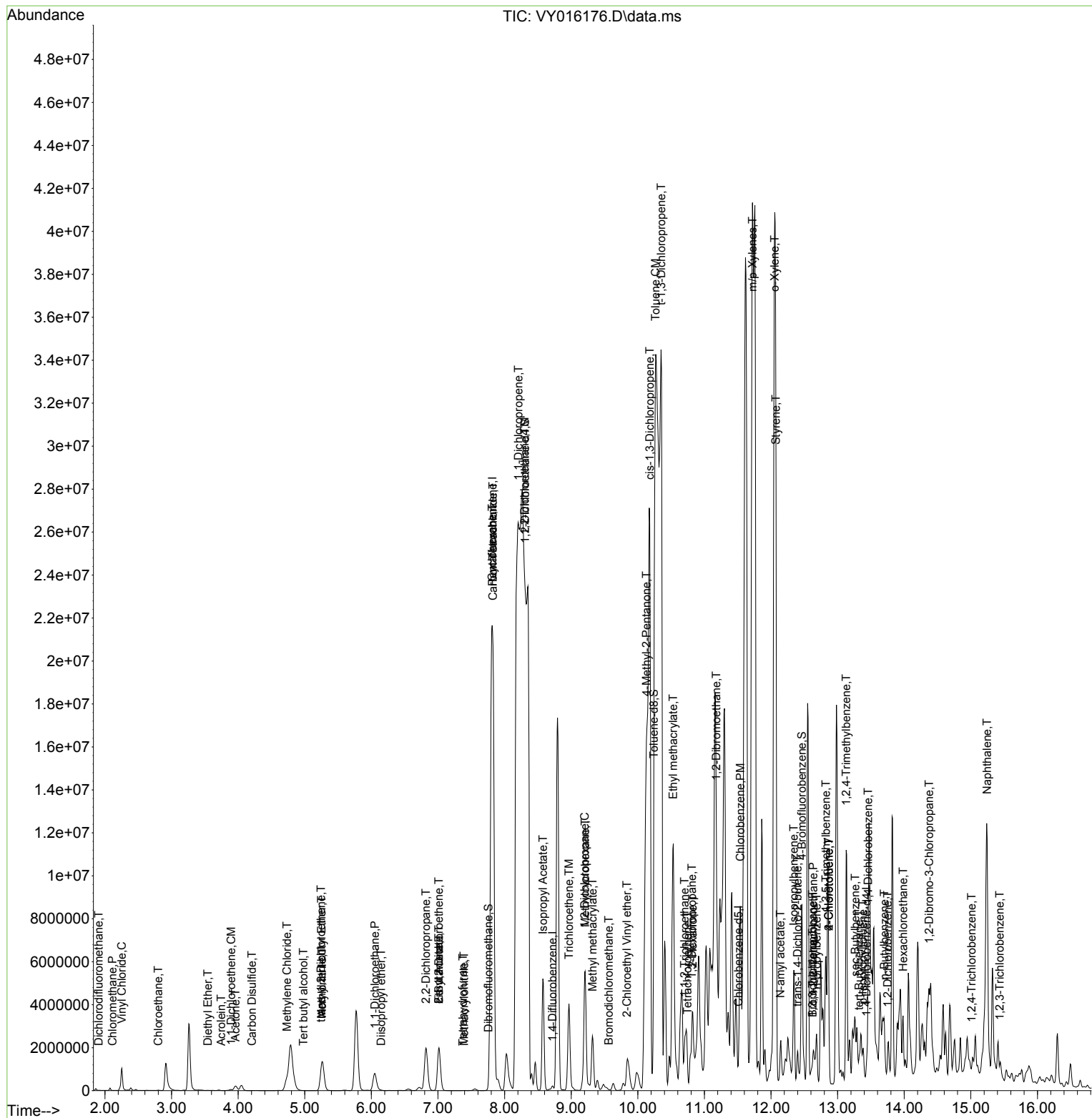
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
54) cis-1,3-Dichloropropene	10.179	75	69610	36.531	ug/l	#	1
55) 1,1,2-Trichloroethane	10.703	97	949822	1054.667	ug/l	#	14
56) Ethyl methacrylate	10.532	69	6149543	5257.854	ug/l		89
57) 1,3-Dichloropropane	10.813	76	439167	286.448	ug/l		95
58) 2-Chloroethyl Vinyl ether	9.837	63	115735	204.067	ug/l	#	52
59) 2-Hexanone	10.825	43	837761	1701.769	ug/l	#	31
61) 1,2-Dibromoethane	11.179	107	10731	12.527	ug/l	#	1
64) Tetrachloroethene	10.746	164	8189	5.556	ug/l		96
65) Chlorobenzene	11.538	112	1163953	353.545	ug/l		99
68) m/p-Xylenes	11.721	106	17438940	7664.035	ug/l	#	1
69) o-Xylene	12.056	106	17569889	8087.258	ug/l	#	1
70) Styrene	12.075	104	4538518	1256.631	ug/l	#	41
73) Isopropylbenzene	12.343	105	3162360	520.982	ug/l		98
74) N-amyl acetate	12.142	43	276330	209.491	ug/l	#	1
75) 1,1,2,2-Tetrachloroethane	12.636	83	570608	590.758	ug/l	#	31
76) 1,2,3-Trichloropropane	12.623	75	1927	2.529	ug/l	#	100
77) Bromobenzene	12.623	156	3848	2.800	ug/l	#	14
78) n-propylbenzene	12.684	91	1475861	205.656	ug/l		96
79) 2-Chlorotoluene	12.867	91	254341	63.544	ug/l		93
80) 1,3,5-Trimethylbenzene	12.825	105	2254130	458.368	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.398	75	6857	19.510	ug/l	#	1
82) 4-Chlorotoluene	12.867	91	254341	61.882	ug/l		93
83) tert-Butylbenzene	13.324	119	412666	93.784	ug/l		72
84) 1,2,4-Trimethylbenzene	13.129	105	6001072	1233.240	ug/l		95
85) sec-Butylbenzene	13.264	105	248029	38.405	ug/l	#	75
86) p-Isopropyltoluene	13.379	119	394989	73.794	ug/l		97
88) 1,4-Dichlorobenzene	13.459	146	16584	6.173	ug/l	#	1
89) n-Butylbenzene	13.702	91	378713	77.003	ug/l	#	81
90) Hexachloroethane	13.983	117	134100	145.382	ug/l	#	8
91) 1,2-Dichlorobenzene	13.751	146	169112	72.005	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	48762	282.087	ug/l	#	3
93) 1,2,4-Trichlorobenzene	15.013	180	13643	9.412	ug/l	#	84
95) Naphthalene	15.245	128	7160852	2542.781	ug/l		98
96) 1,2,3-Trichlorobenzene	15.434	180	5890	4.756	ug/l	#	1

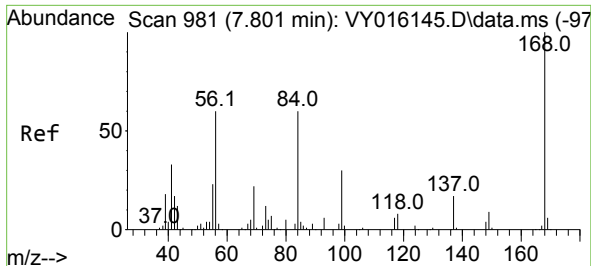
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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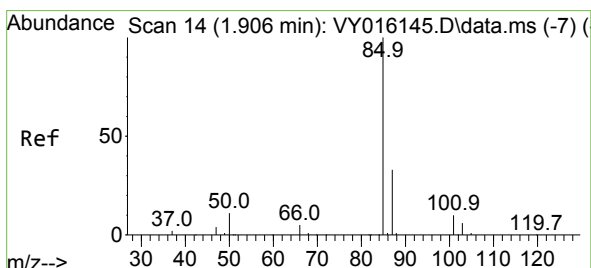
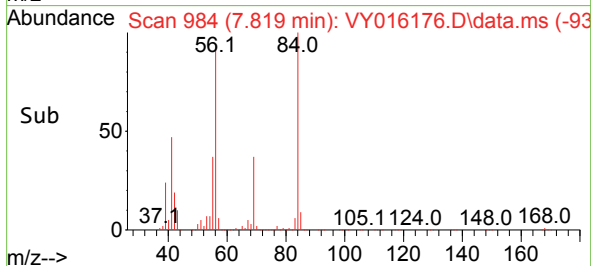
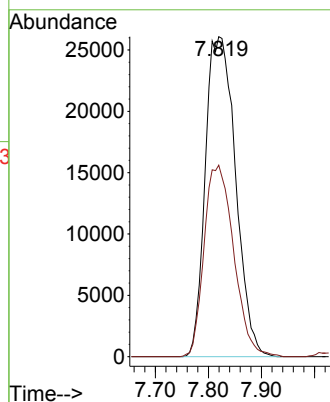
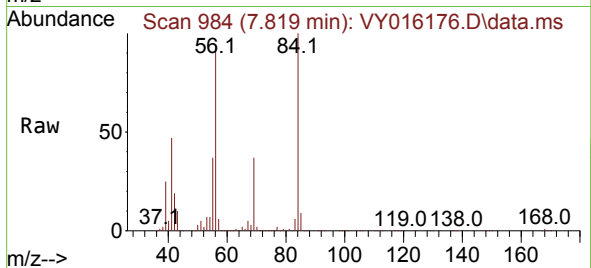




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

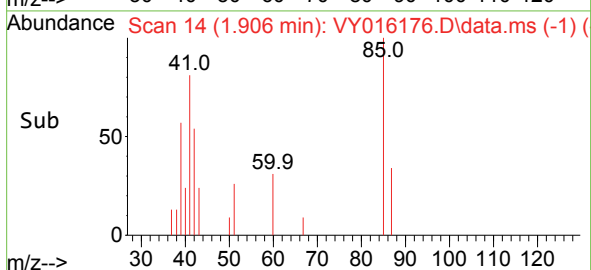
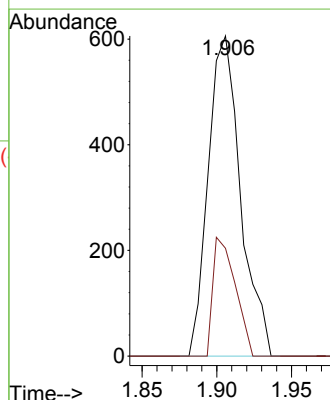
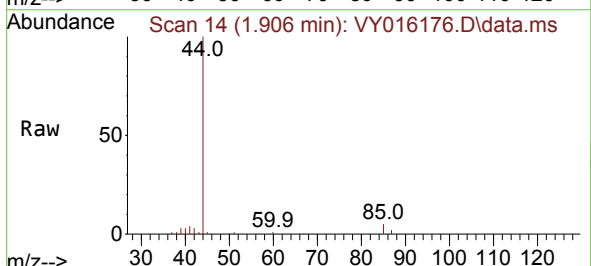
Instrument :
MSVOA_Y
ClientSampleId :

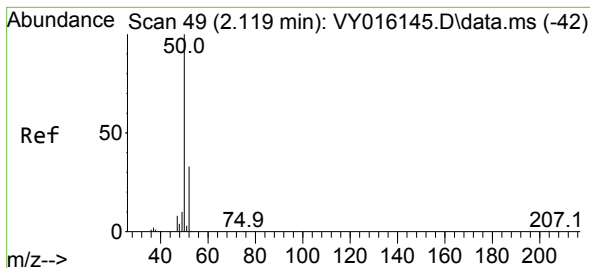
Tgt Ion:168 Resp: 103108
Ion Ratio Lower Upper
168 100
99 59.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 1.388 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 85 Resp: 913
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





#3

Chloromethane

Concen: 1.172 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

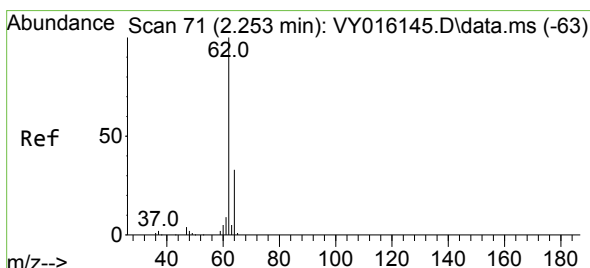
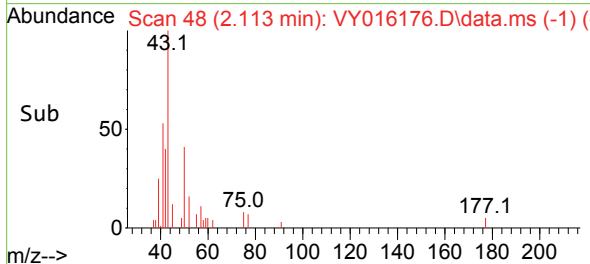
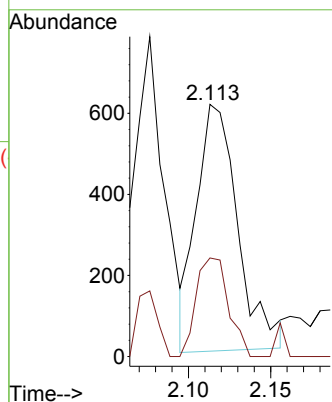
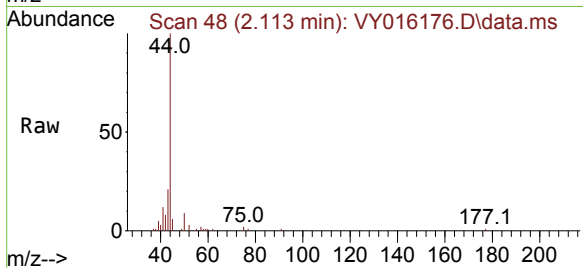
ClientSampleId :

Tgt Ion: 50 Resp: 1067

Ion Ratio Lower Upper

50 100

52 45.7 25.4 38.2#



#4

Vinyl Chloride

Concen: 615.639 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.000 min

Lab File: VY016176.D

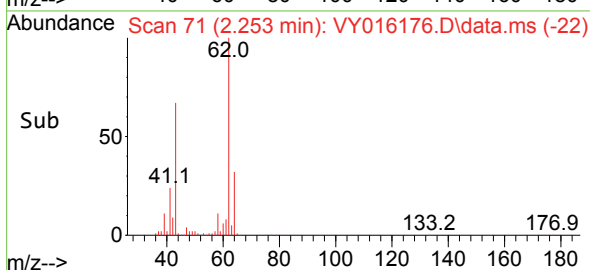
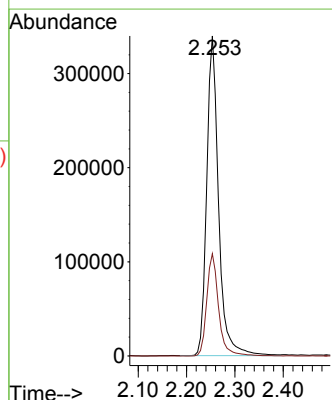
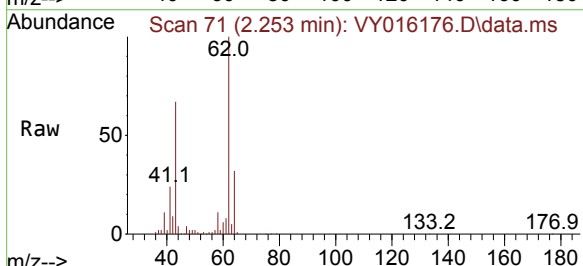
Acq: 01 Nov 2023 18:10

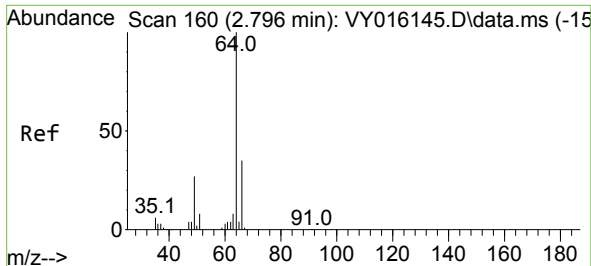
Tgt Ion: 62 Resp: 578623

Ion Ratio Lower Upper

62 100

64 32.0 24.3 36.5

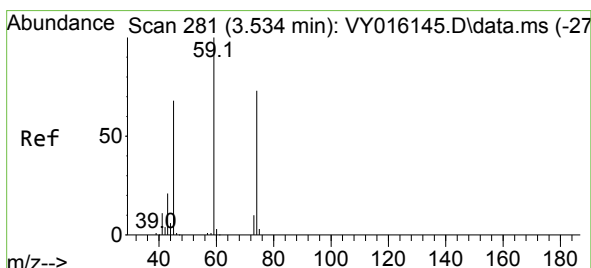
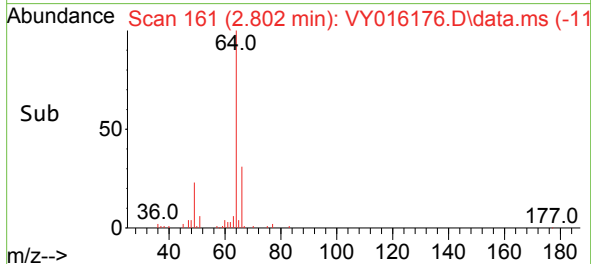
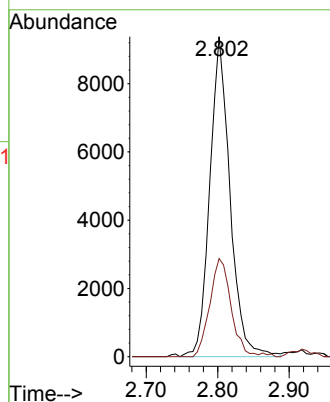
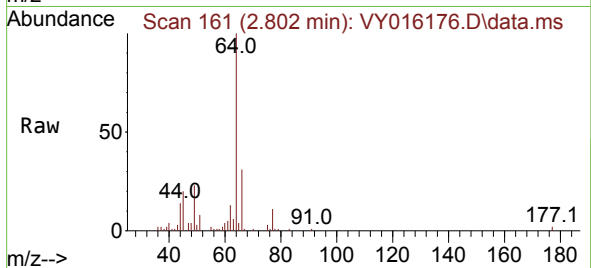




#6
Chloroethane
Concen: 27.842 ug/l
RT: 2.802 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

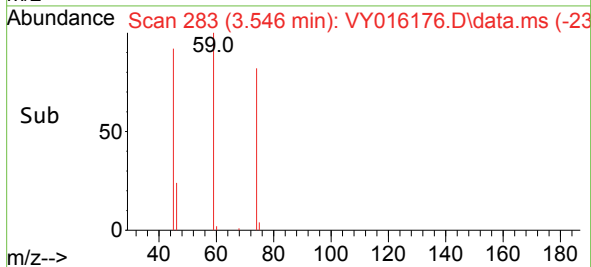
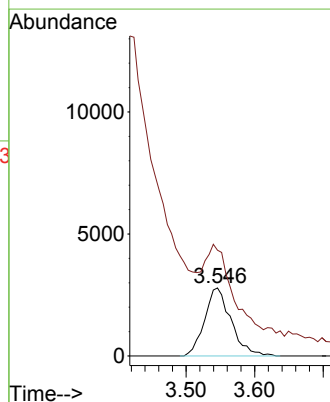
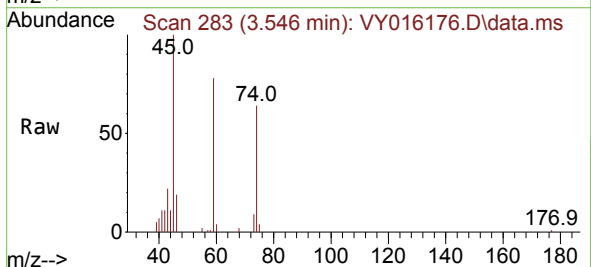
Instrument :
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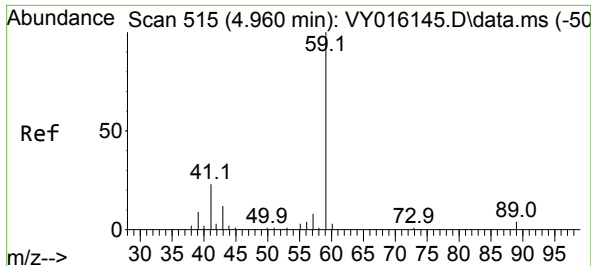
Tgt Ion: 64 Resp: 18423
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6



#8
Diethyl Ether
Concen: 15.927 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

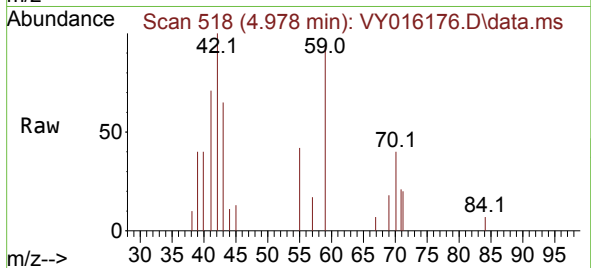
Tgt Ion: 74 Resp: 7490
Ion Ratio Lower Upper
74 100
45 151.3 51.5 154.5



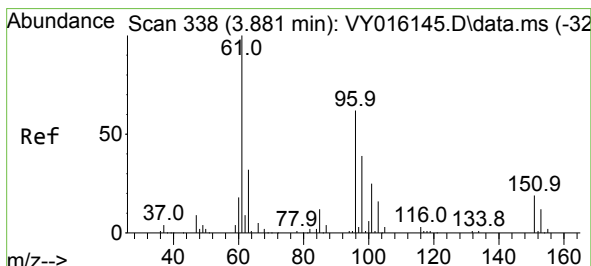
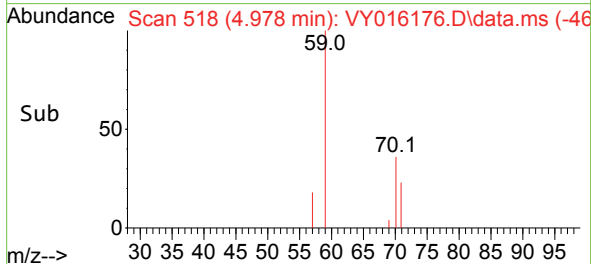
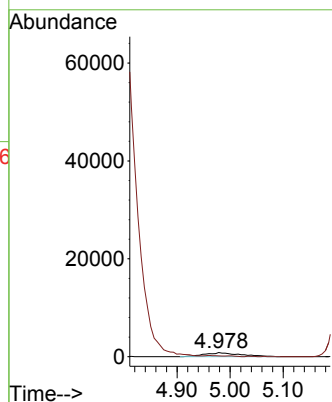


#11
Tert butyl alcohol
Concen: 54.033 ug/l
RT: 4.978 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

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ClientSampleId :

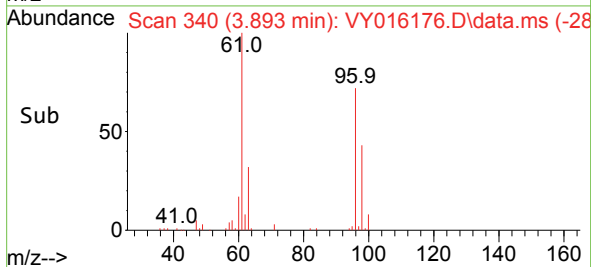
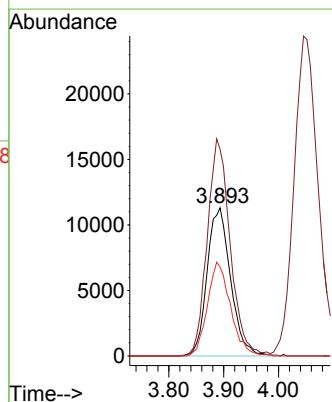
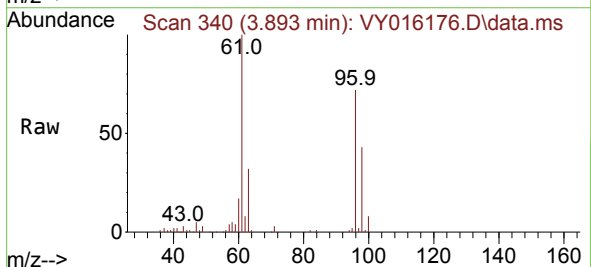


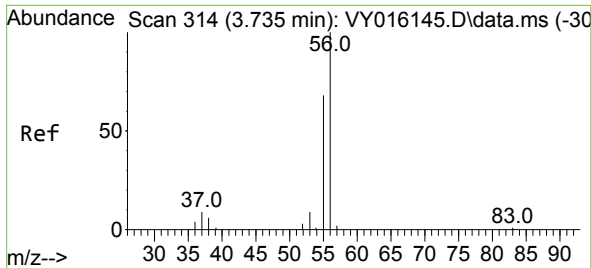
Tgt Ion: 59 Resp: 3895
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 41.190 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 96 Resp: 33606
Ion Ratio Lower Upper
96 100
61 139.5 136.4 204.6
98 60.1 49.4 74.2

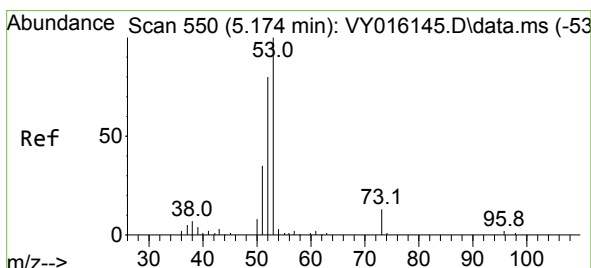
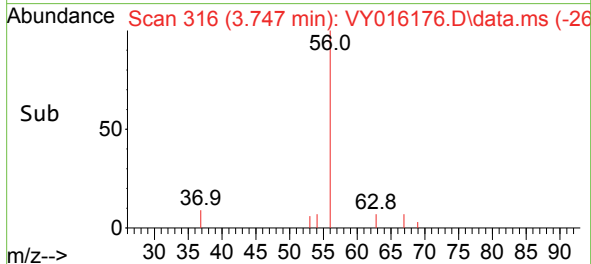
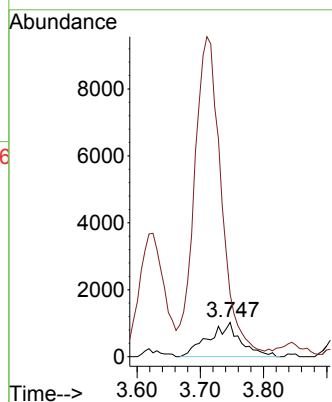
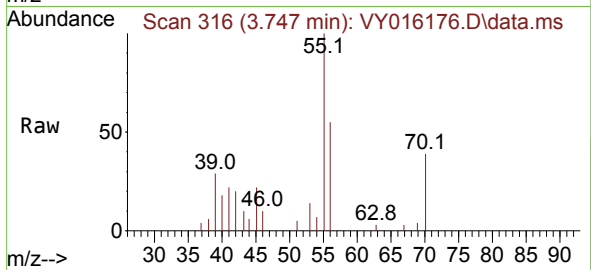




#13
Acrolein
Concen: 47.415 ug/l
RT: 3.747 min Scan# 314
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

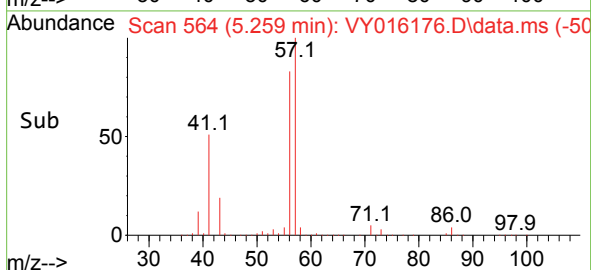
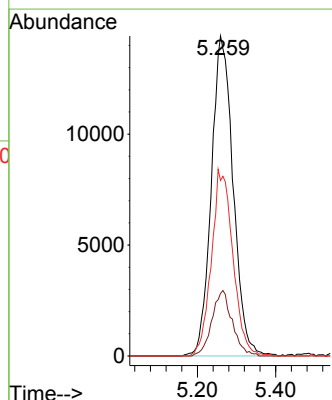
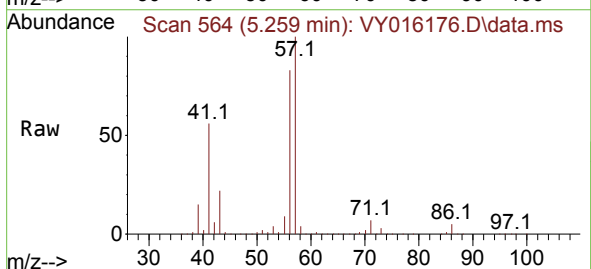
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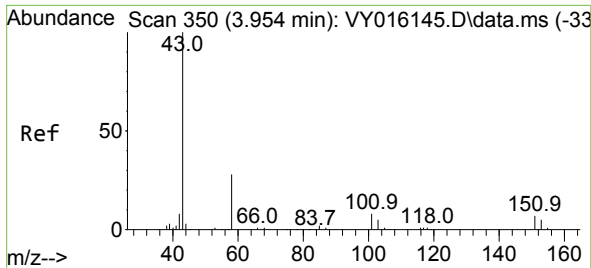
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Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#



#15
Acrylonitrile
Concen: 277.324 ug/l
RT: 5.259 min Scan# 564
Delta R.T. 0.085 min
Lab File: VY016176.D
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Tgt Ion: 53 Resp: 55730
Ion Ratio Lower Upper
53 100
52 19.1 66.9 100.3#
51 57.4 29.8 44.6#

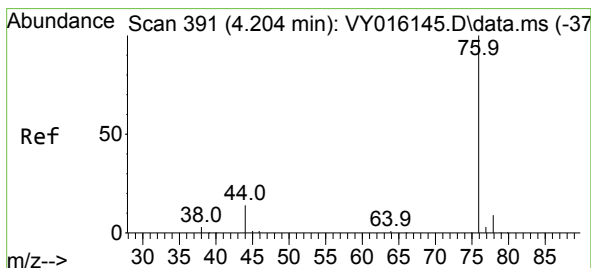
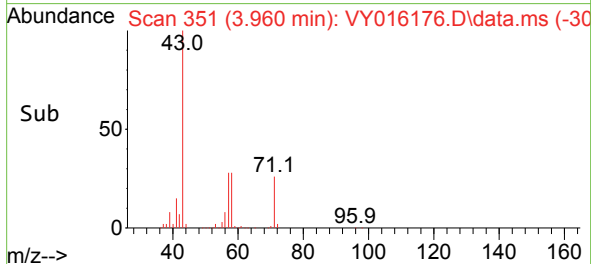
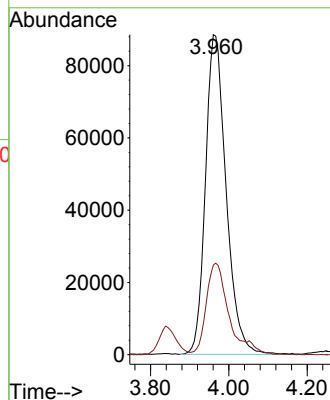
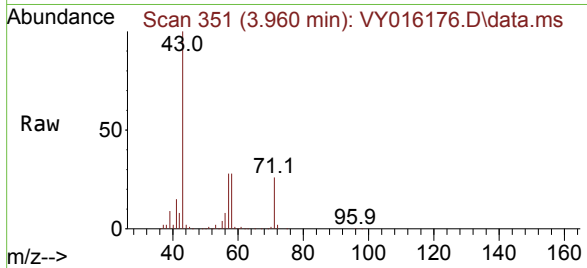




#16
Acetone
Concen: 2253.854 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

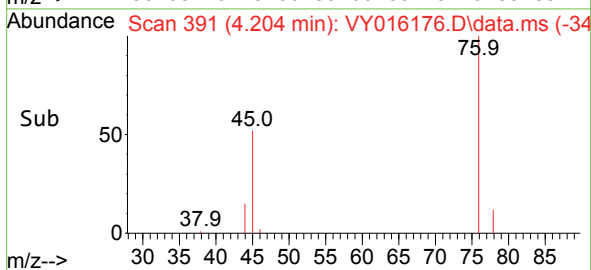
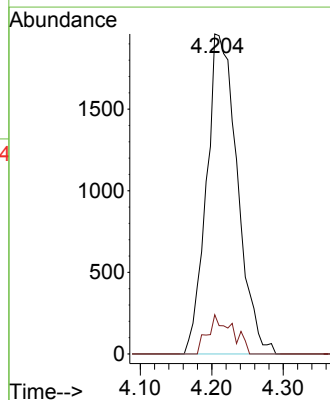
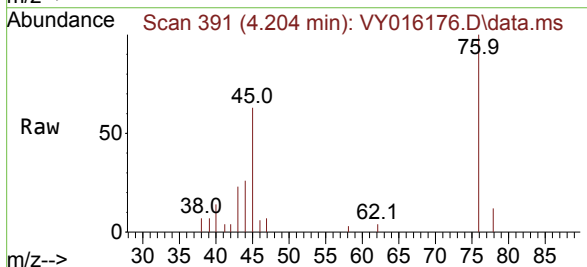
Instrument :
MSVOA_Y
ClientSampleId :

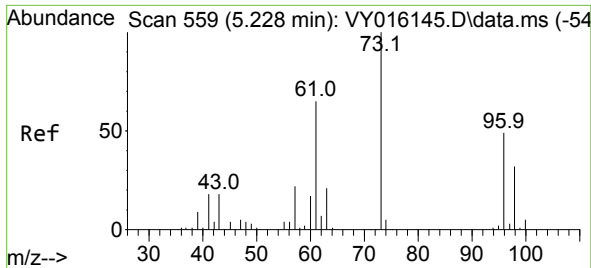
Tgt Ion: 43 Resp: 323570
Ion Ratio Lower Upper
43 100
58 27.9 22.7 34.1



#17
Carbon Disulfide
Concen: 2.882 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 76 Resp: 5870
Ion Ratio Lower Upper
76 100
78 12.2 7.0 10.4#

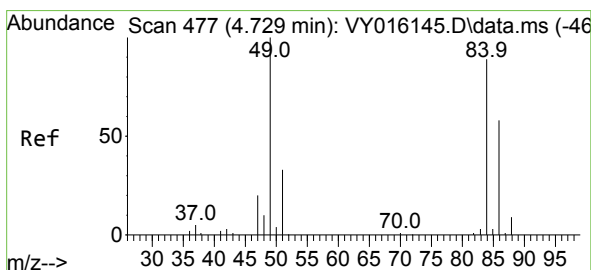
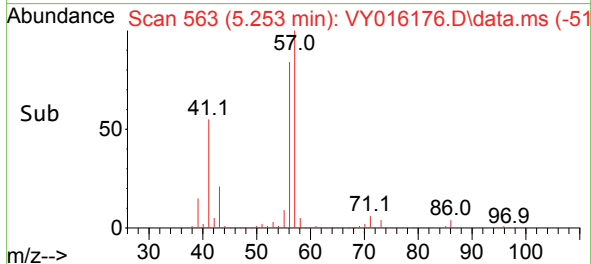
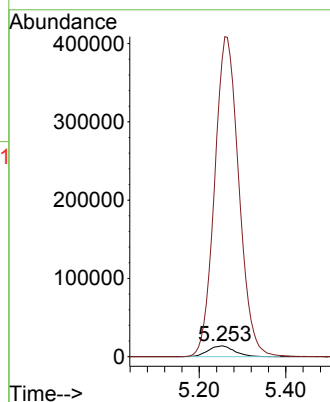
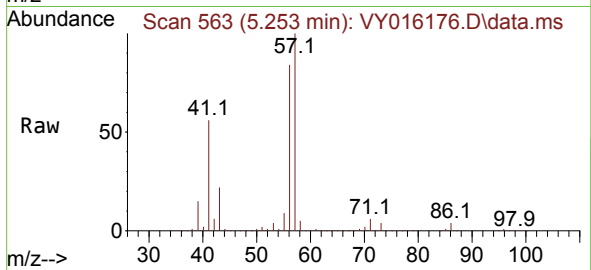




#19
Methyl tert-butyl Ether
Concen: 25.205 ug/l
RT: 5.253 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

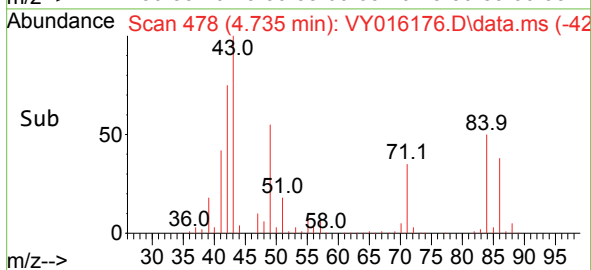
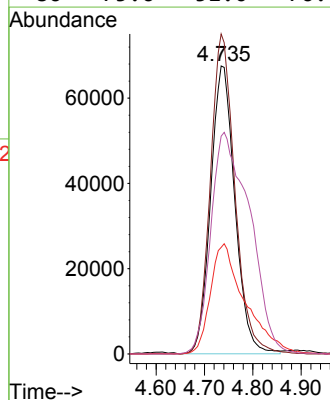
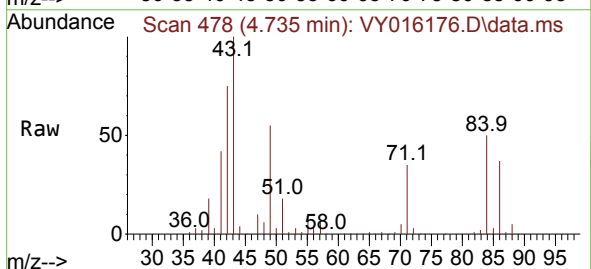
Instrument :
MSVOA_Y
ClientSampleId :

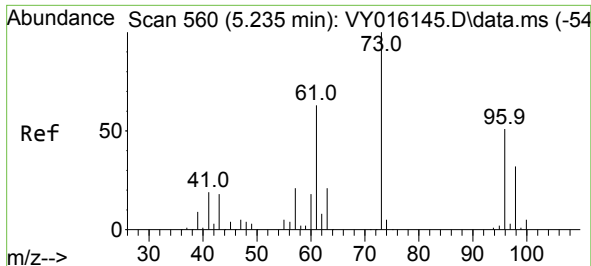
Tgt Ion: 73 Resp: 58493
Ion Ratio Lower Upper
73 100
57 2725.3 17.3 25.9#



#20
Methylene Chloride
Concen: 251.531 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

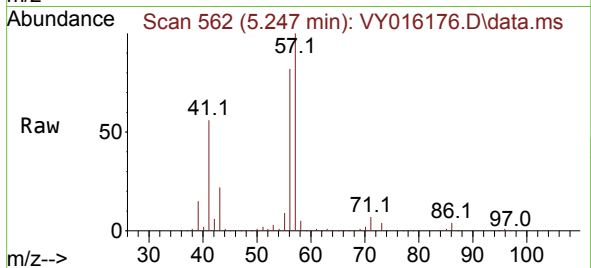
Tgt Ion: 84 Resp: 234786
Ion Ratio Lower Upper
84 100
49 111.2 106.9 160.3
51 37.0 33.2 49.8
86 75.6 51.0 76.6





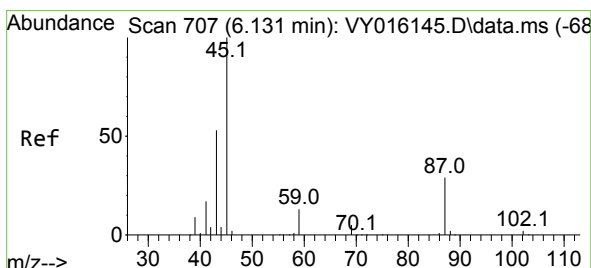
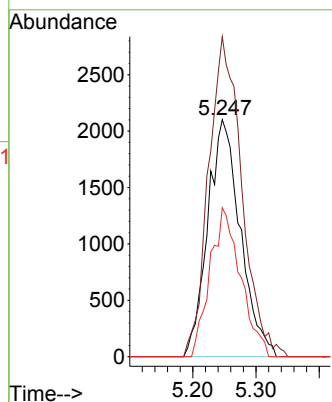
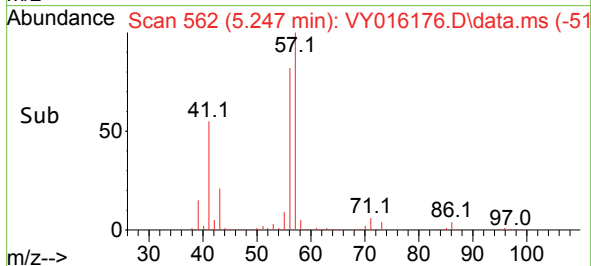
#21
trans-1,2-Dichloroethene
Concen: 7.915 ug/l
RT: 5.247 min Scan# 510
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

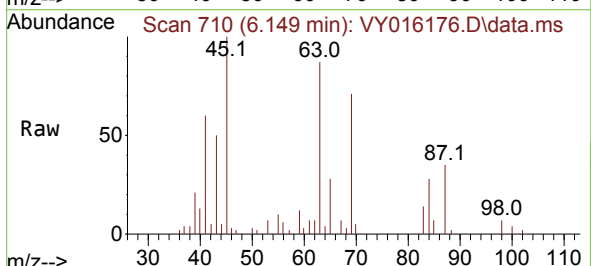


Tgt Ion: 96 Resp: 7522

Ion	Ratio	Lower	Upper
96	100		
61	135.0	110.2	165.4
98	62.9	51.8	77.6

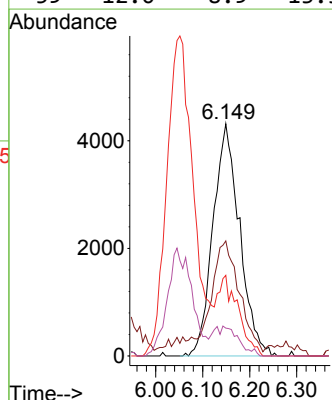
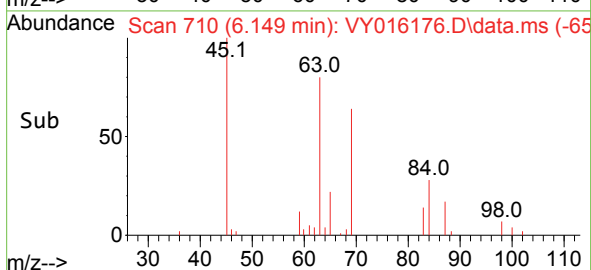


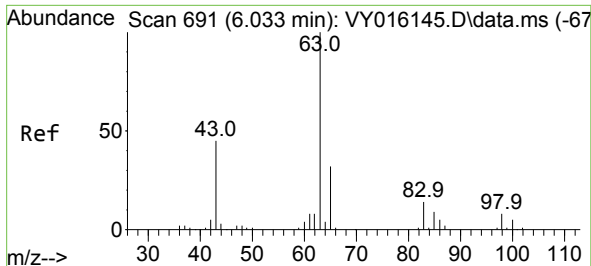
#22
Diisopropyl ether
Concen: 6.006 ug/l
RT: 6.149 min Scan# 710
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10



Tgt Ion: 45 Resp: 16954

Ion	Ratio	Lower	Upper
45	100		
43	45.7	52.2	78.4#
87	34.8	21.0	31.6#
59	12.0	8.9	13.3

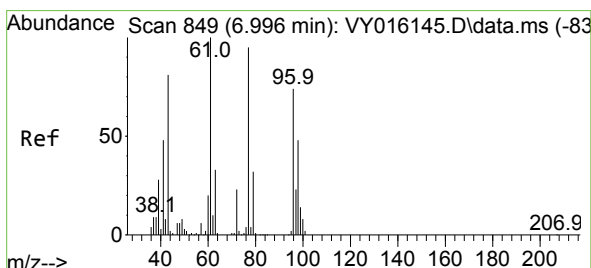
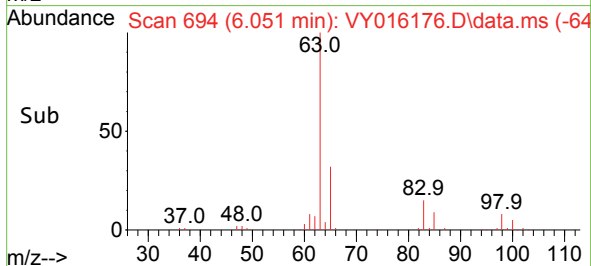
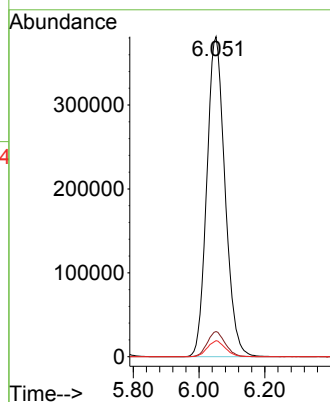
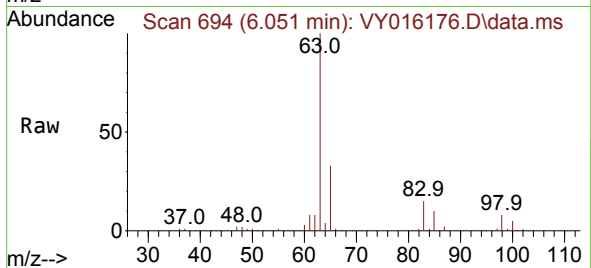




#24
1,1-Dichloroethane
Concen: 867.309 ug/l
RT: 6.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

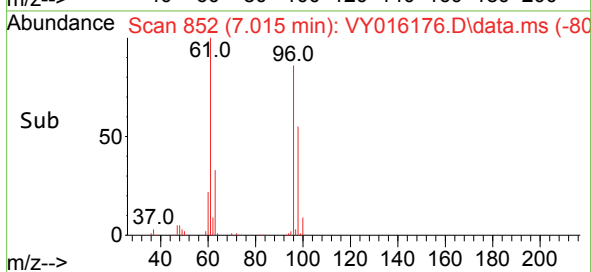
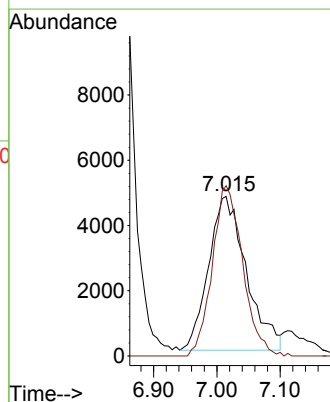
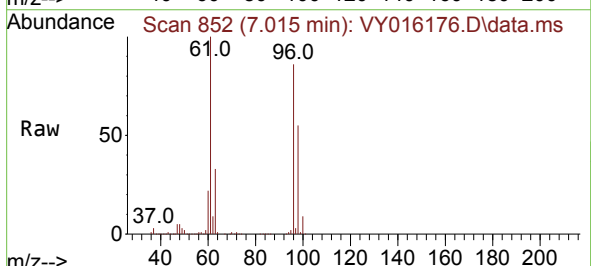
Instrument :
MSVOA_Y
ClientSampleId :

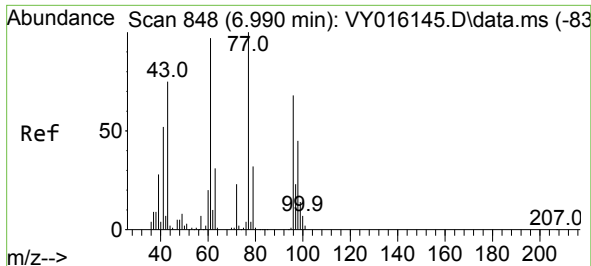
Tgt Ion: 63 Resp: 1465163
Ion Ratio Lower Upper
63 100
98 7.9 3.1 9.4
100 5.0 1.8 5.5



#25
2-Butanone
Concen: 73.314 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

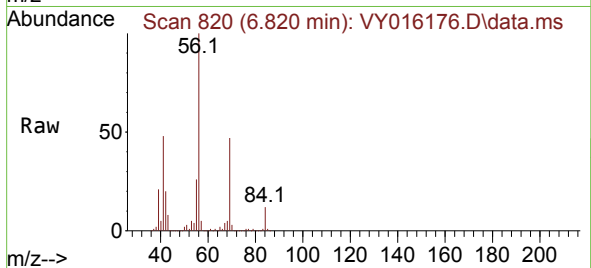
Tgt Ion: 43 Resp: 19515
Ion Ratio Lower Upper
43 100
72 110.6 20.5 30.7#



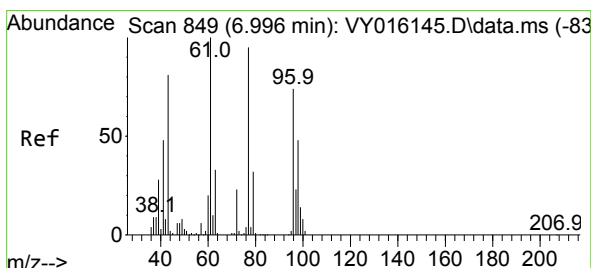
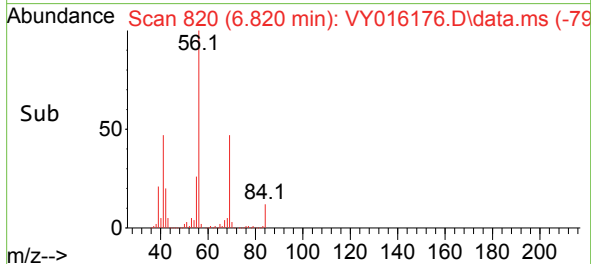
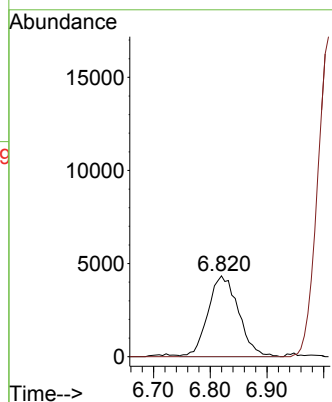


#26
2,2-Dichloropropane
Concen: 10.154 ug/l
RT: 6.820 min Scan# 81
Delta R.T. -0.171 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

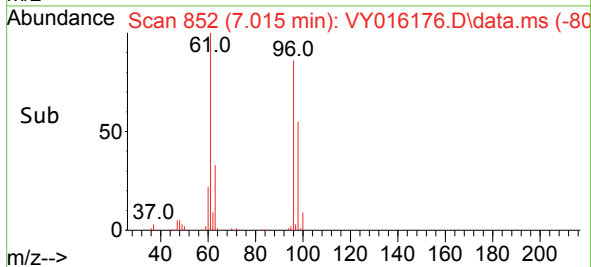
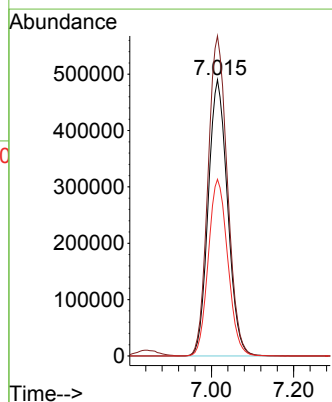
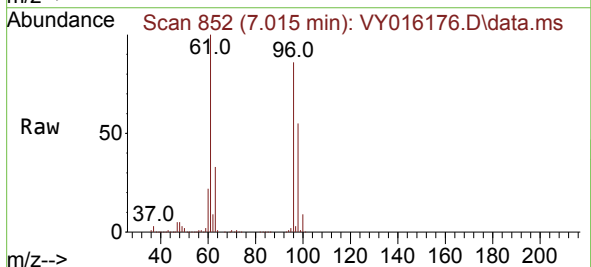


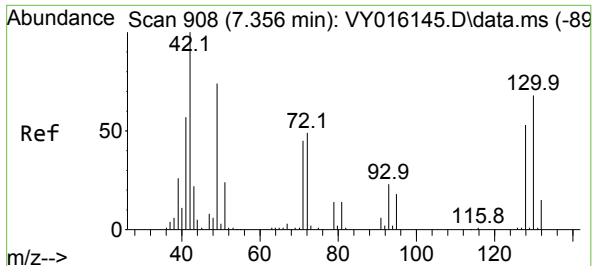
Tgt Ion: 77 Resp: 16216
Ion Ratio Lower Upper
77 100
97 0.0 10.9 32.9#



#27
cis-1,2-Dichloroethene
Concen: 1428.577 ug/l
RT: 7.015 min Scan# 852
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 96 Resp: 1597724
Ion Ratio Lower Upper
96 100
61 116.6 0.0 301.4
98 64.5 0.0 130.4





#29

Tetrahydrofuran

Concen: 14.977 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.018 min

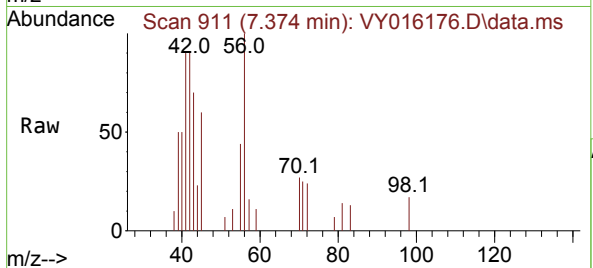
Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :



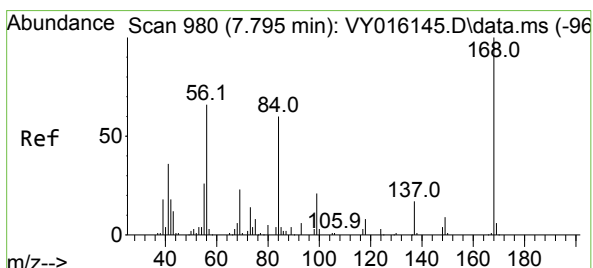
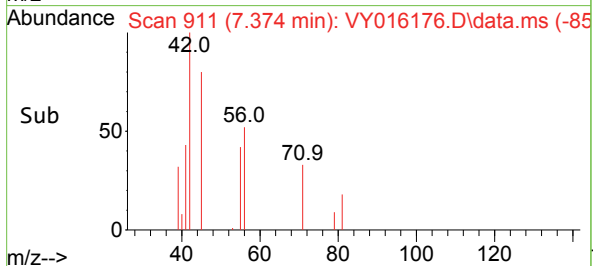
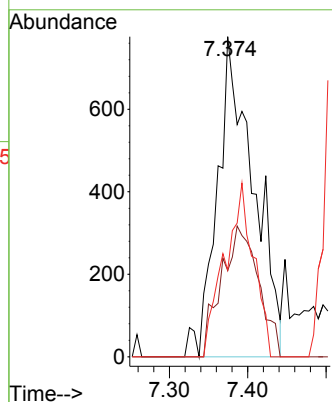
Tgt Ion: 42 Resp: 2499

Ion Ratio Lower Upper

42 100

72 41.6 32.8 49.2

71 0.0 31.0 46.4#



#31

Cyclohexane

Concen: 11407.906 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.018 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

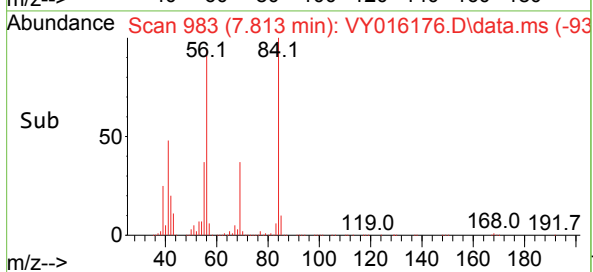
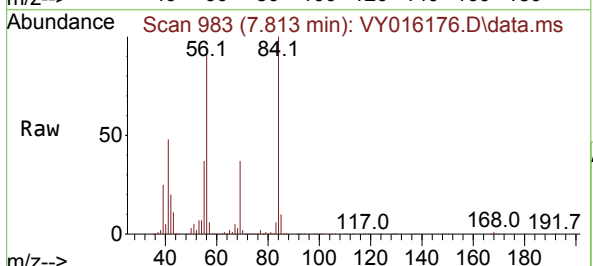
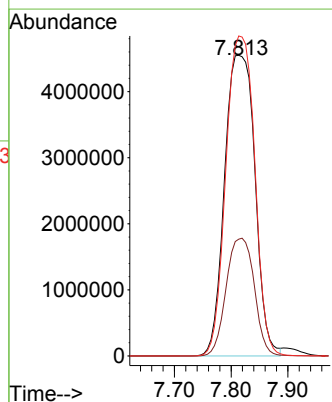
Tgt Ion: 56 Resp:16919595

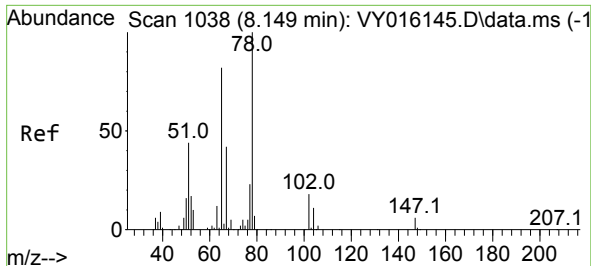
Ion Ratio Lower Upper

56 100

69 38.9 27.8 41.6

84 106.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 1892.878 ug/l

RT: 8.307 min Scan# 1106

Delta R.T. 0.158 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

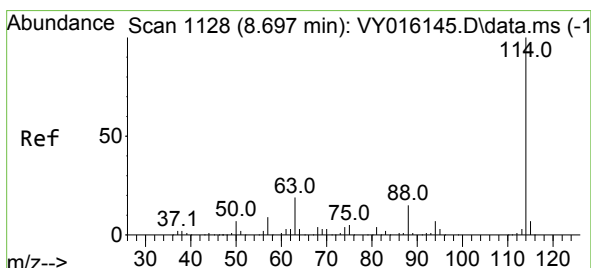
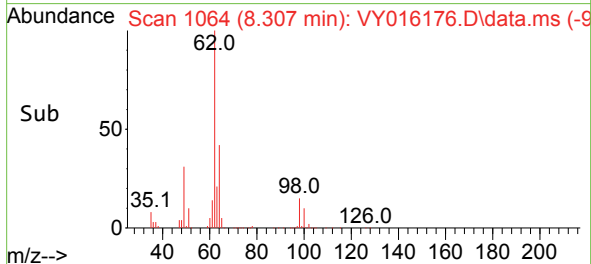
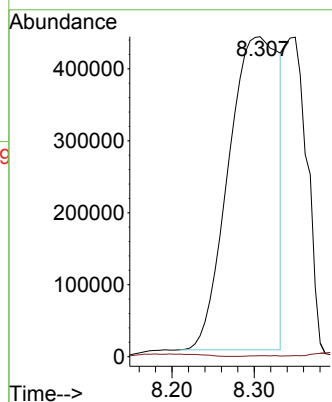
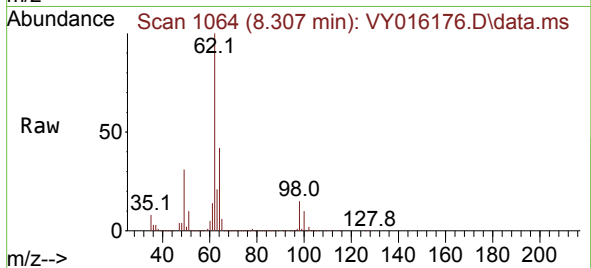
ClientSampleId :

Tgt Ion: 65 Resp: 1826278

Ion Ratio Lower Upper

65 100

67 0.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.024 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

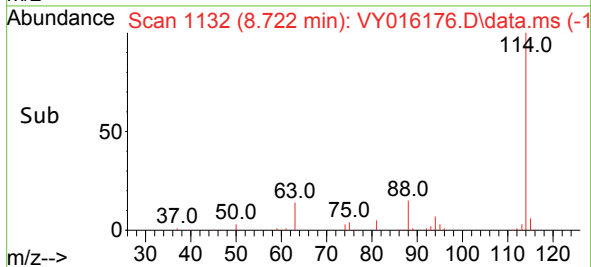
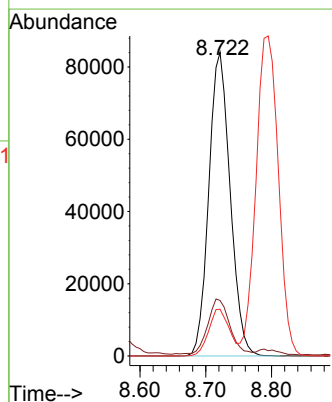
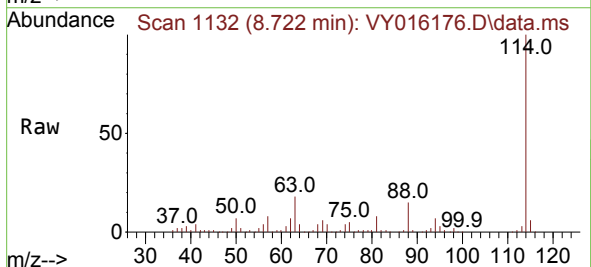
Tgt Ion:114 Resp: 189832

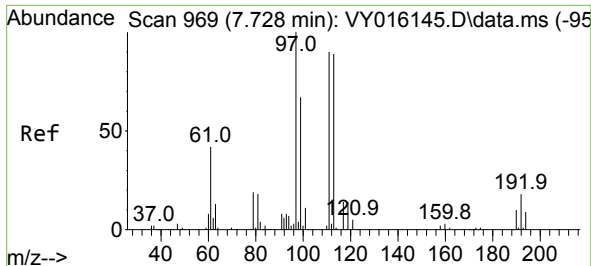
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 28.760 ug/l

RT: 7.758 min Scan# 91

Delta R.T. 0.030 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

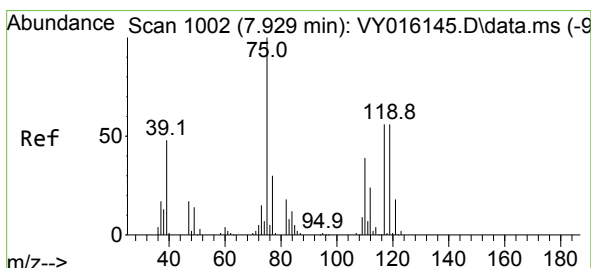
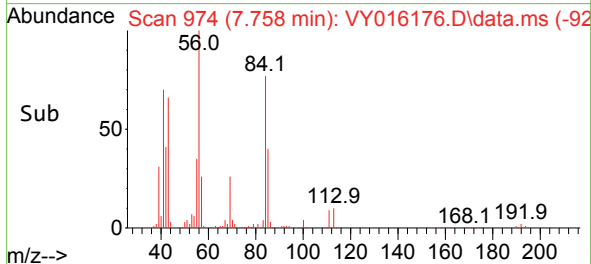
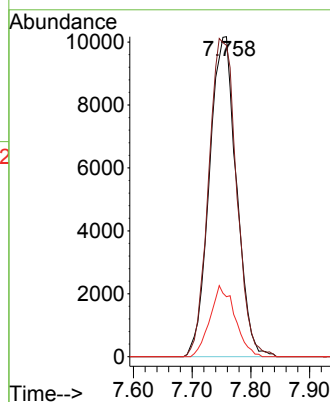
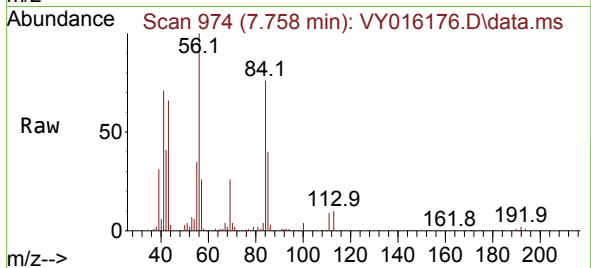
Tgt Ion:113 Resp: 32548

Ion Ratio Lower Upper

113 100

111 102.4 81.3 121.9

192 20.6 16.9 25.3



#36

1,1-Dichloropropene

Concen: 764.314 ug/l

RT: 8.210 min Scan# 1048

Delta R.T. 0.280 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

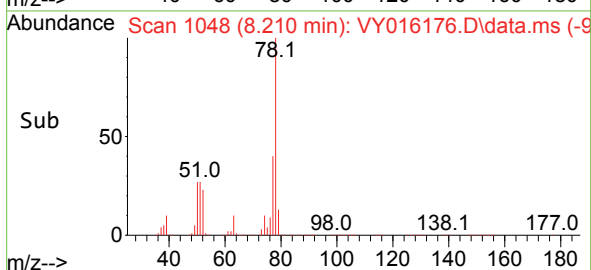
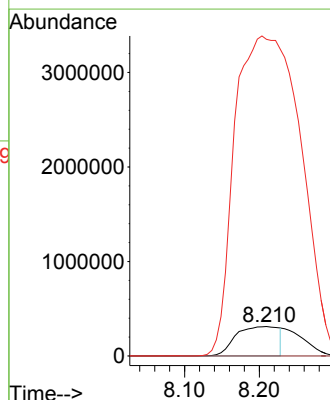
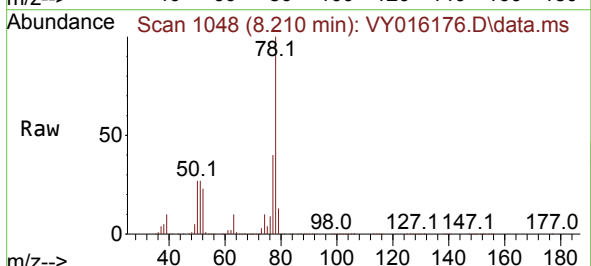
Tgt Ion: 75 Resp: 1249039

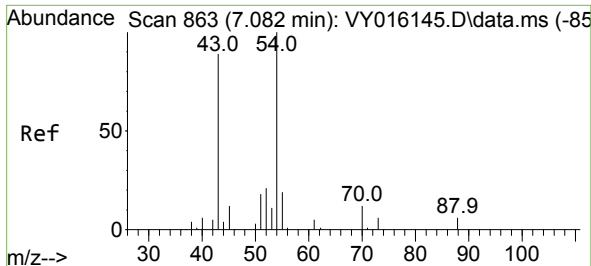
Ion Ratio Lower Upper

75 100

110 0.0 17.8 53.5#

77 1115.8 24.4 36.6#





#37

Ethyl Acetate

Concen: 26.811 ug/l

RT: 7.015 min Scan# 81

Delta R.T. -0.067 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

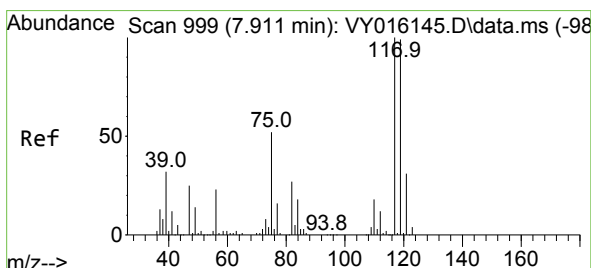
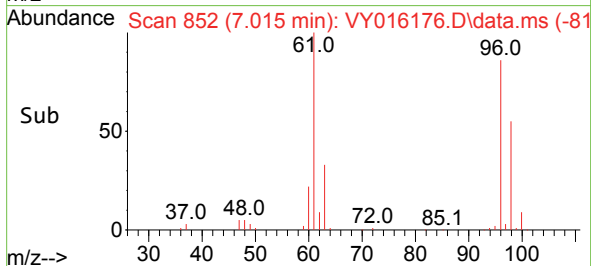
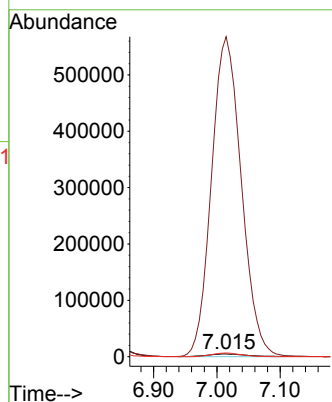
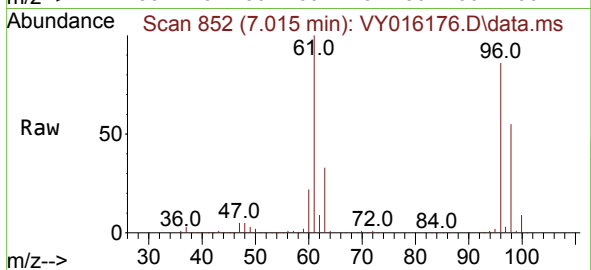
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43 Resp: 19515

Ion	Ratio	Lower	Upper
43	100		
61	9544.1	10.1	15.1#
70	109.8	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 6.533 ug/l

RT: 7.825 min Scan# 985

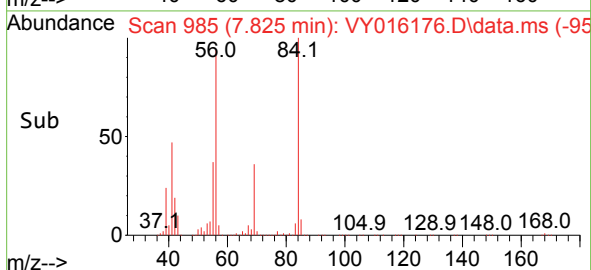
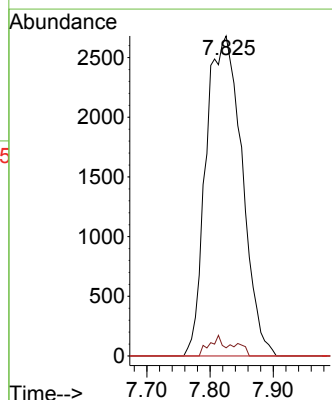
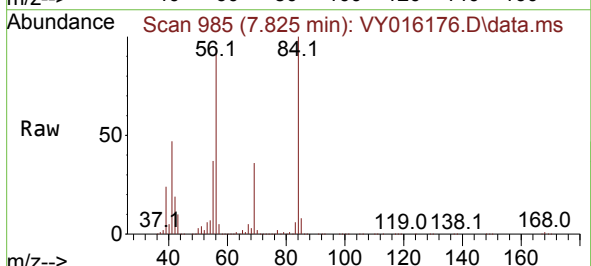
Delta R.T. -0.085 min

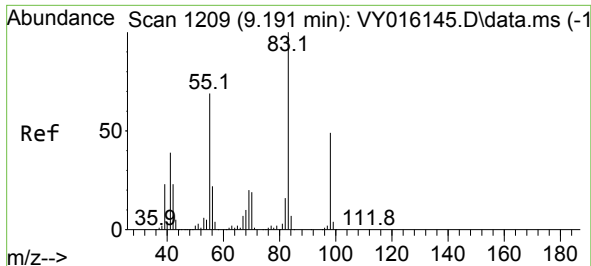
Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion: 117 Resp: 10577

Ion	Ratio	Lower	Upper
117	100		
119	2.6	76.4	114.6#
121	0.0	25.8	38.6#





#39

Methylcyclohexane

Concen: 1409.398 ug/l

RT: 9.209 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

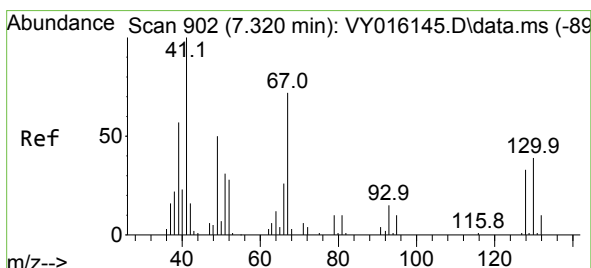
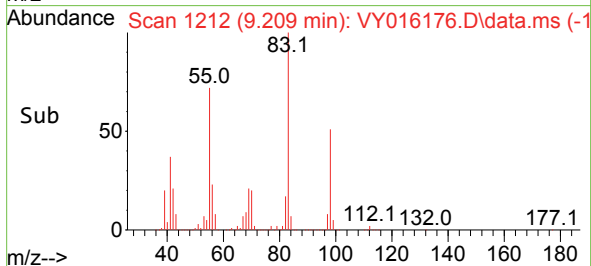
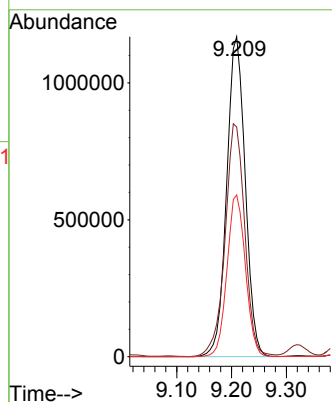
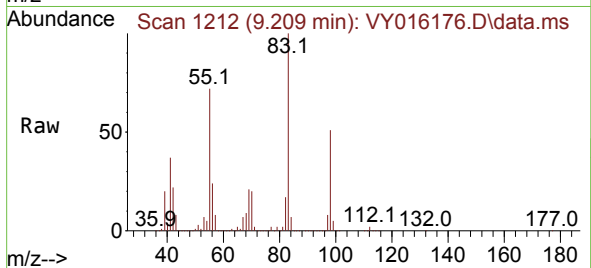
Tgt Ion: 83 Resp: 2749295

Ion Ratio Lower Upper

83 100

55 71.7 63.0 94.4

98 50.6 37.4 56.2



#41

Methacrylonitrile

Concen: 7.851 ug/l

RT: 7.393 min Scan# 914

Delta R.T. 0.073 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion: 41 Resp: 3317

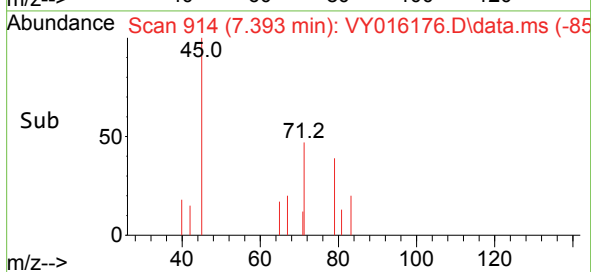
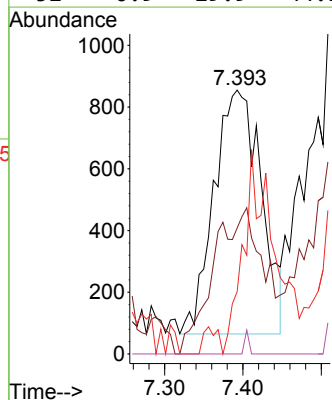
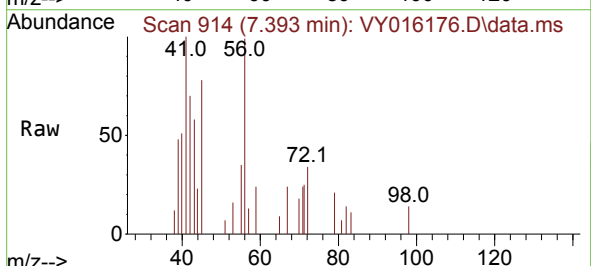
Ion Ratio Lower Upper

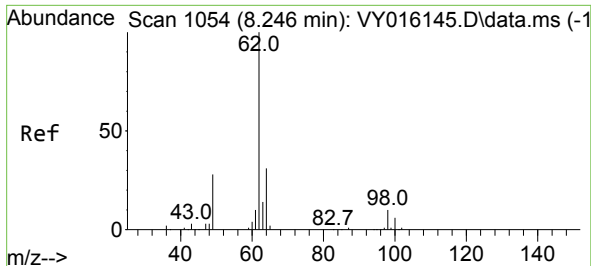
41 100

39 0.0 52.1 78.1#

67 58.0 66.2 99.2#

52 0.9 29.9 44.9#





#42

1,2-Dichloroethane

Concen: 29686.462 ug/l

RT: 8.301 min Scan# 1108

Delta R.T. 0.055 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

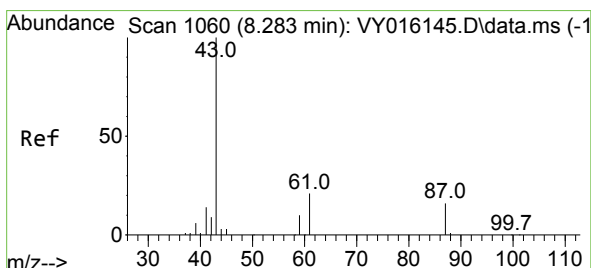
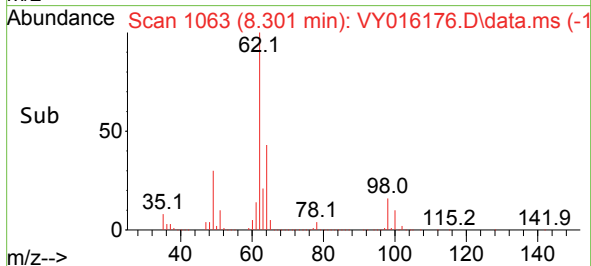
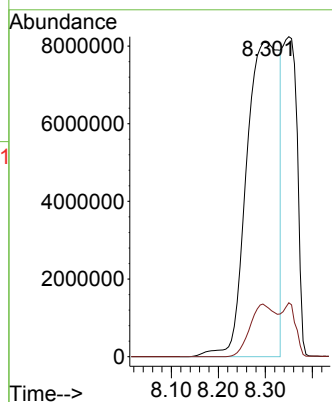
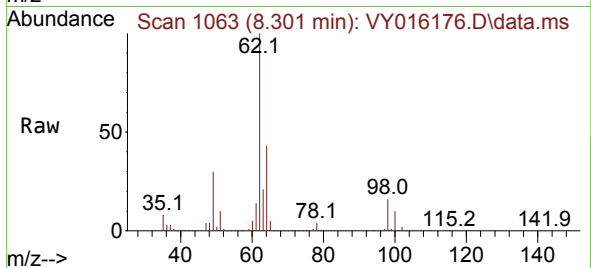
ClientSampleId :

Tgt Ion: 62 Resp: 38867538

Ion Ratio Lower Upper

62 100

98 12.9 0.0 15.8



#43

Isopropyl Acetate

Concen: 1099.971 ug/l

RT: 8.575 min Scan# 1108

Delta R.T. 0.293 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

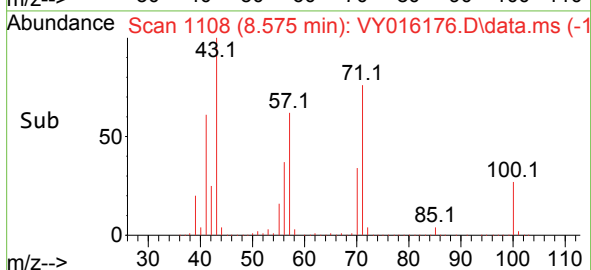
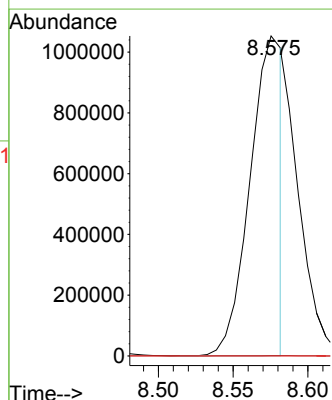
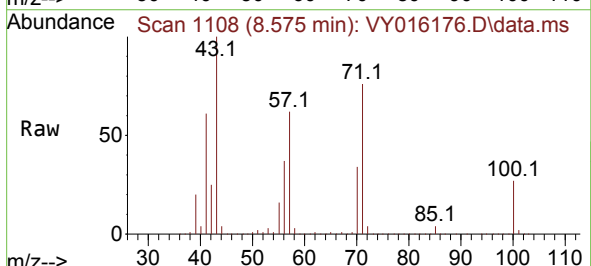
Tgt Ion: 43 Resp: 1583699

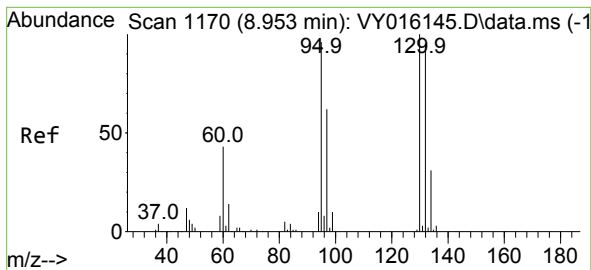
Ion Ratio Lower Upper

43 100

61 0.0 21.1 31.7#

87 0.0 9.8 14.8#





#44

Trichloroethene

Concen: 1023.872 ug/l

RT: 8.966 min Scan# 1170

Delta R.T. 0.012 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

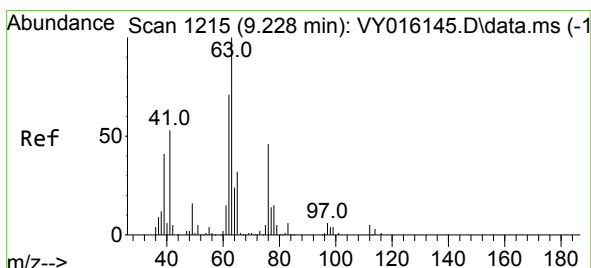
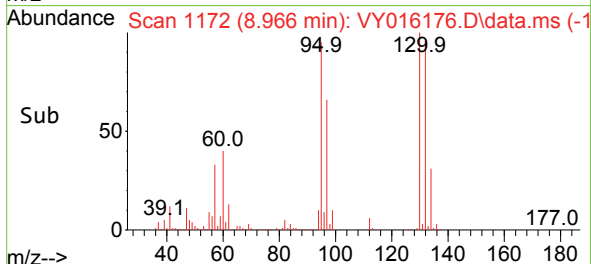
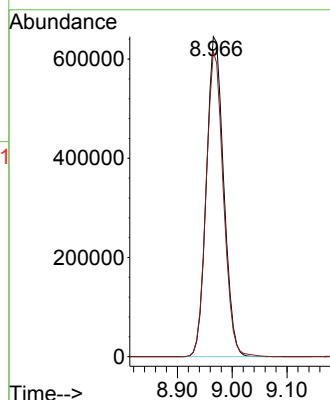
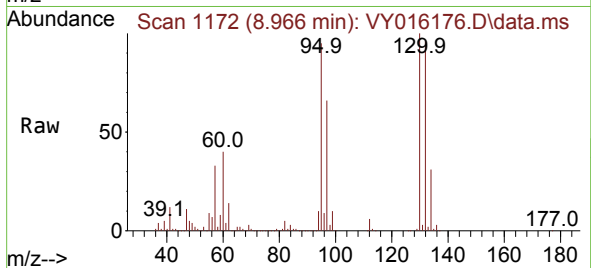
ClientSampleId :

Tgt Ion:130 Resp: 1405731

Ion Ratio Lower Upper

130 100

95 95.4 0.0 196.0



#45

1,2-Dichloropropane

Concen: 36.992 ug/l

RT: 9.203 min Scan# 1211

Delta R.T. -0.024 min

Lab File: VY016176.D

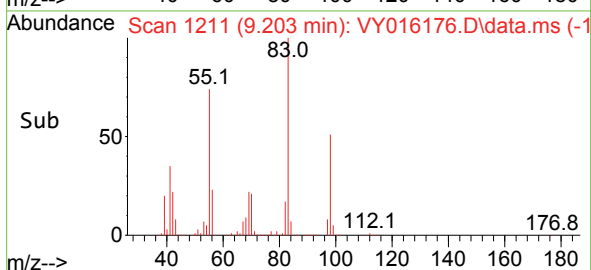
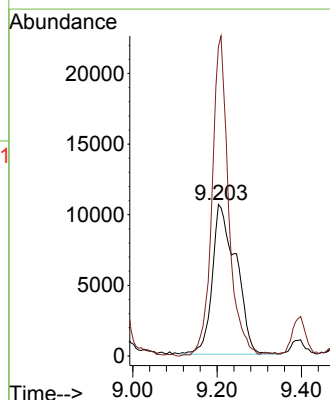
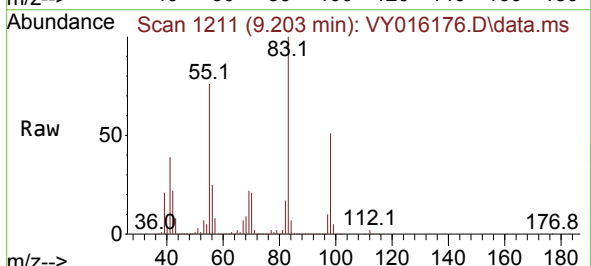
Acq: 01 Nov 2023 18:10

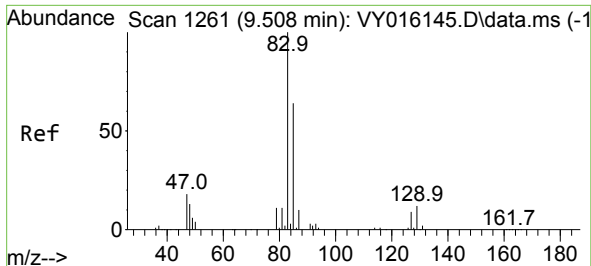
Tgt Ion: 63 Resp: 41750

Ion Ratio Lower Upper

63 100

65 206.5 23.8 35.6#





#47

Bromodichloromethane

Concen: 8.926 ug/l

RT: 9.563 min Scan# 11

Delta R.T. 0.055 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

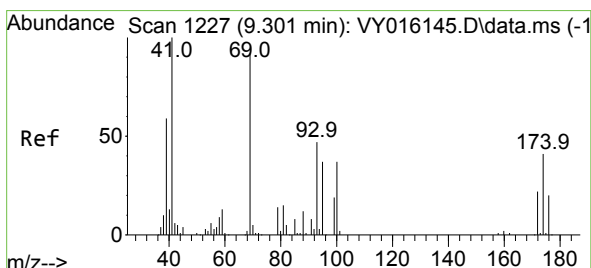
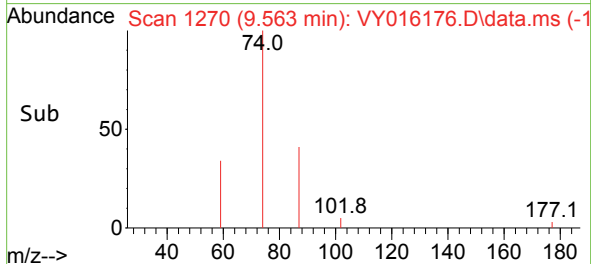
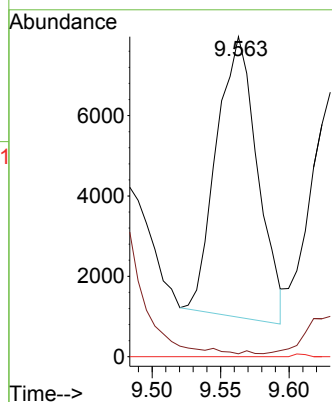
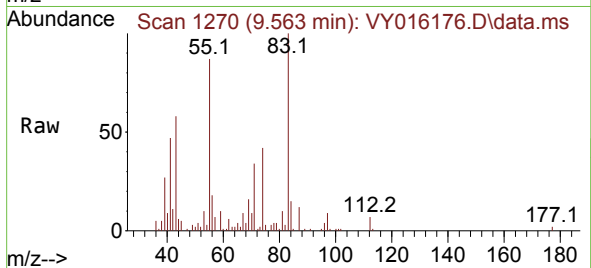
Tgt Ion: 83 Resp: 14520

Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 7.1 10.7#



#48

Methyl methacrylate

Concen: 2156.211 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

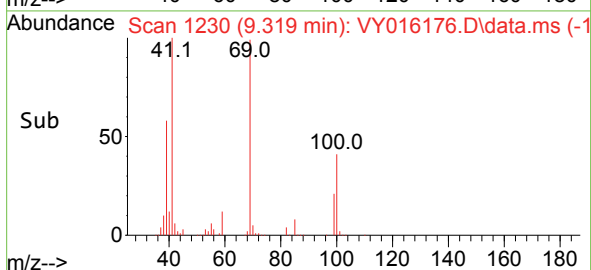
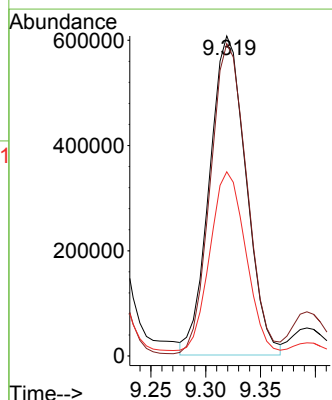
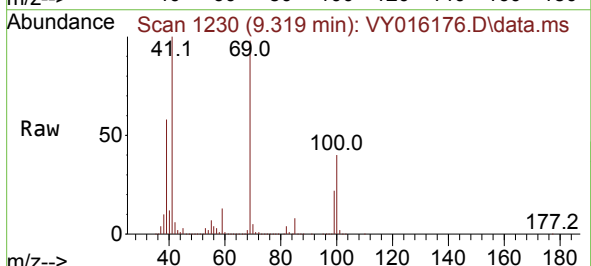
Tgt Ion: 41 Resp: 1411666

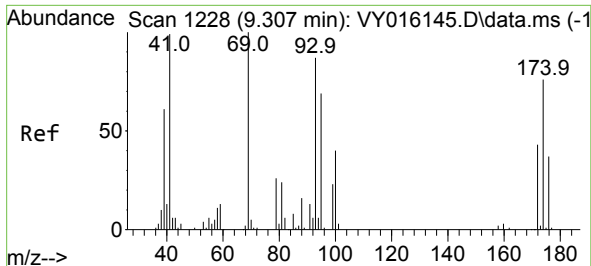
Ion Ratio Lower Upper

41 100

69 97.5 64.5 96.7#

39 57.5 50.8 76.2





#49

1,4-Dioxane

Concen: Below Cal

RT: 9.325 min Scan# 1

Delta R.T. 0.018 min

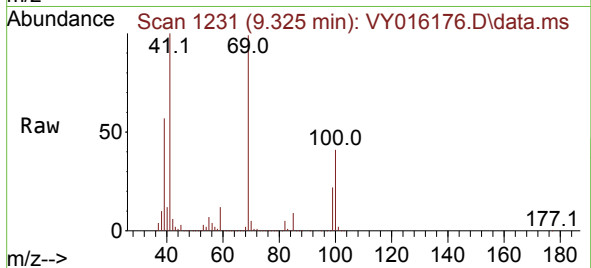
Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :



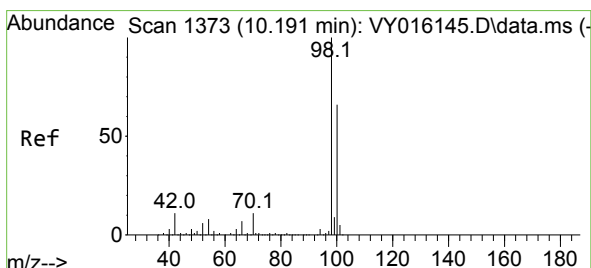
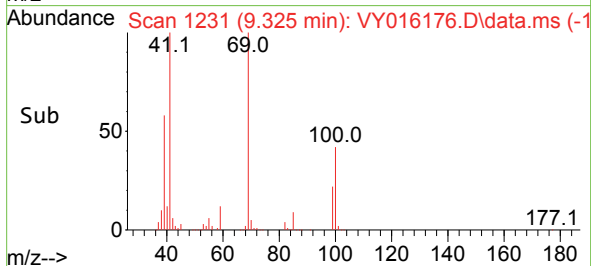
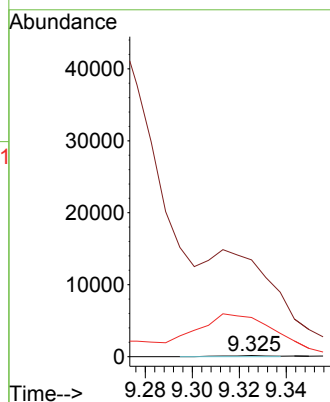
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 7759.1 30.9 46.3#



#50

Toluene-d8

Concen: 64.850 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.049 min

Lab File: VY016176.D

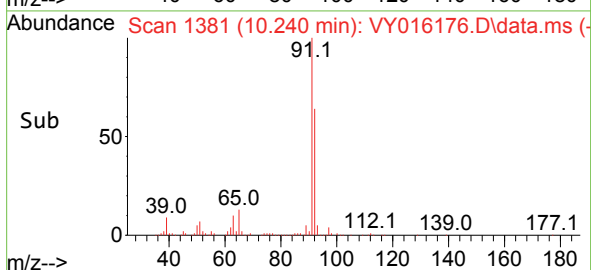
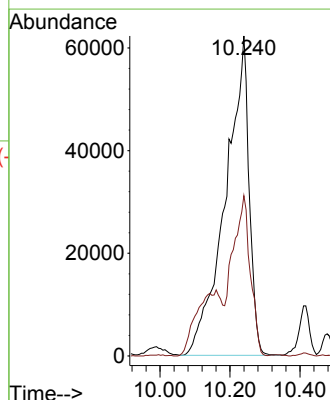
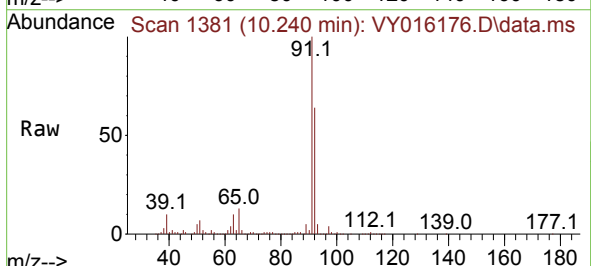
Acq: 01 Nov 2023 18:10

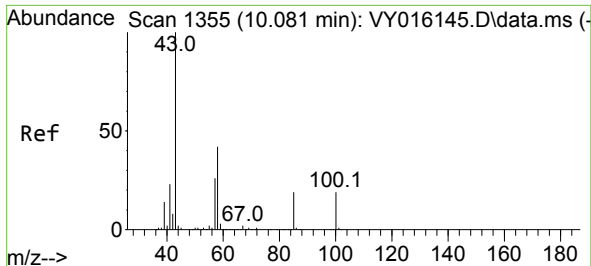
Tgt Ion: 98 Resp: 290988

Ion Ratio Lower Upper

98 100

100 37.6 50.1 75.1#

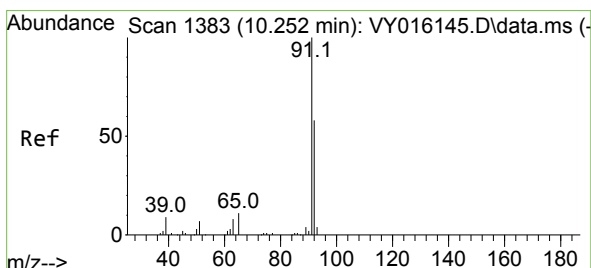
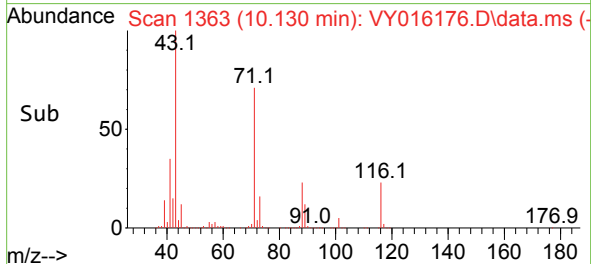
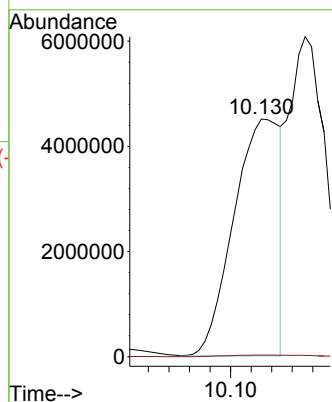
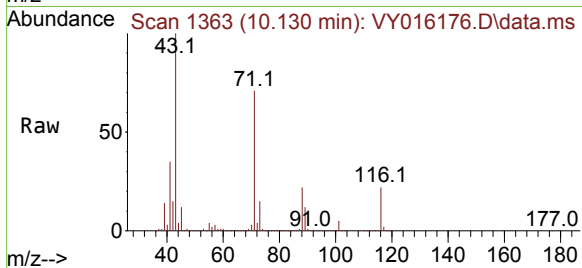




#51
4-Methyl-2-Pentanone
Concen: 19604.078 ug/l
RT: 10.130 min Scan# 1363
Delta R.T. 0.049 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

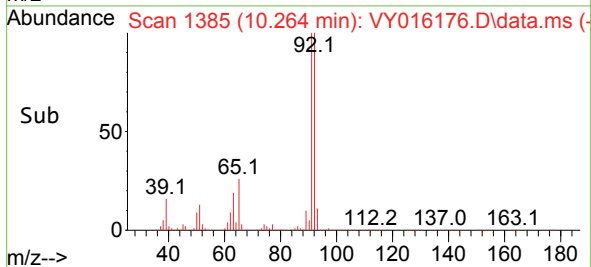
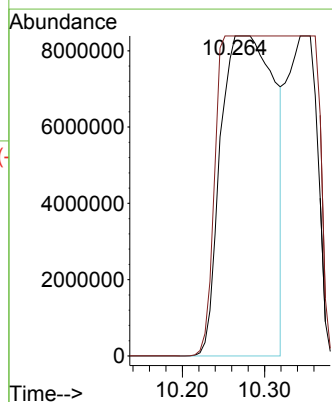
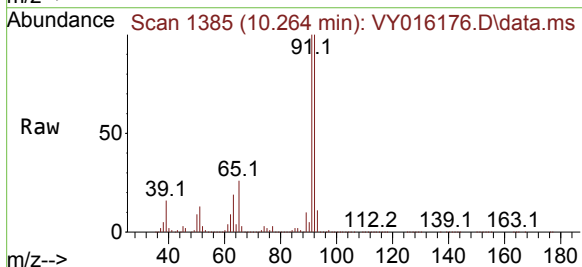
Instrument :
MSVOA_Y
ClientSampleId :

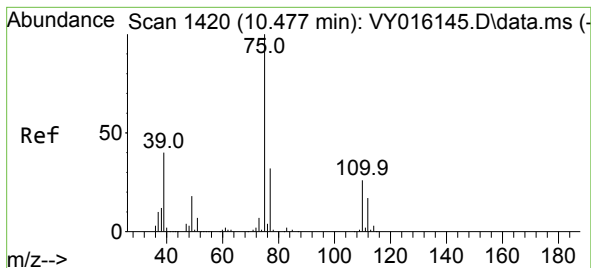
Tgt Ion: 43 Resp:14083465
Ion Ratio Lower Upper
43 100
58 1.2 29.0 43.6#



#52
Toluene
Concen: 12534.643 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 92 Resp:38107103
Ion Ratio Lower Upper
92 100
91 0.0 143.8 215.6#

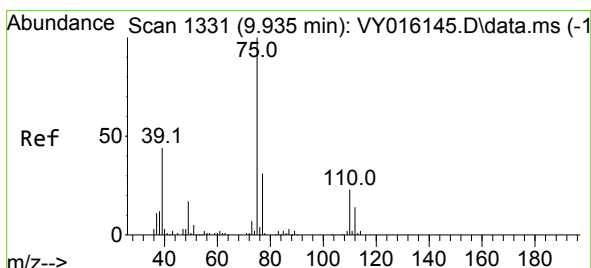
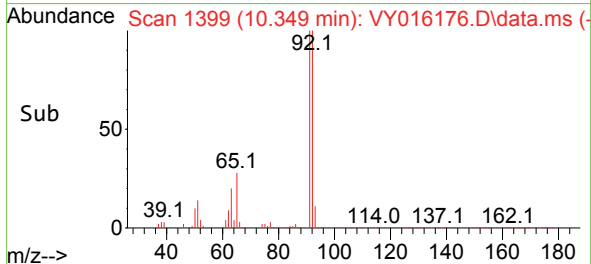
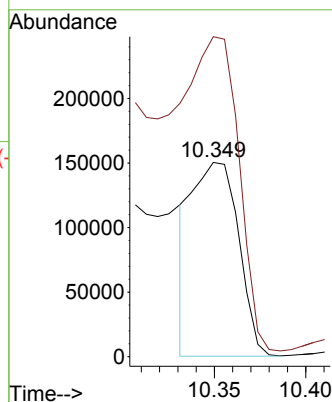
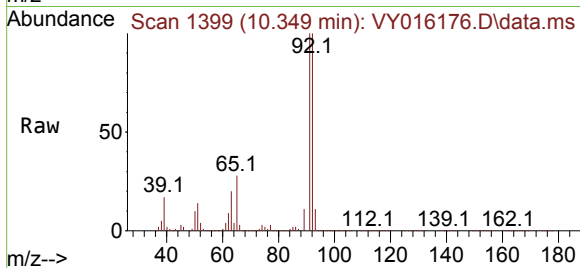




#53
t-1,3-Dichloropropene
Concen: 165.389 ug/l
RT: 10.349 min Scan# 1399
Delta R.T. -0.128 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

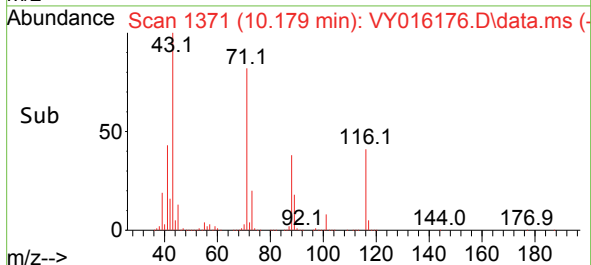
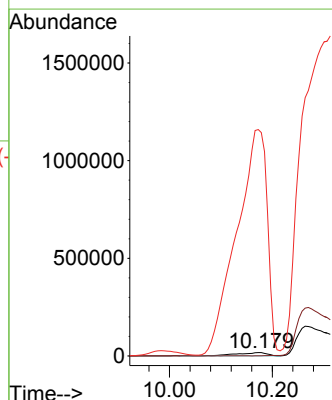
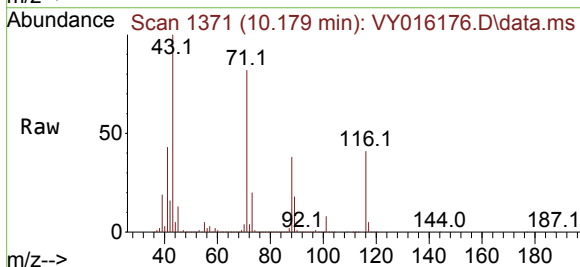
Instrument :
MSVOA_Y
ClientSampleId :

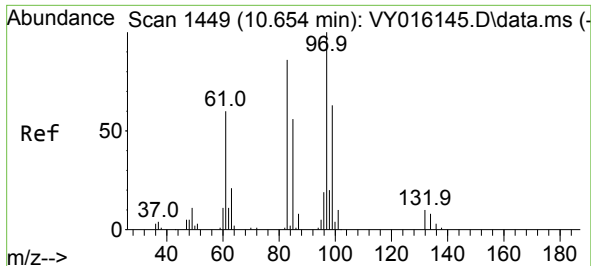
Tgt Ion: 75 Resp: 268573
Ion Ratio Lower Upper
75 100
77 162.4 25.0 37.4#



#54
cis-1,3-Dichloropropene
Concen: 36.531 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.244 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 75 Resp: 69610
Ion Ratio Lower Upper
75 100
77 2.0 24.2 36.4#
39 6698.7 42.2 63.4#

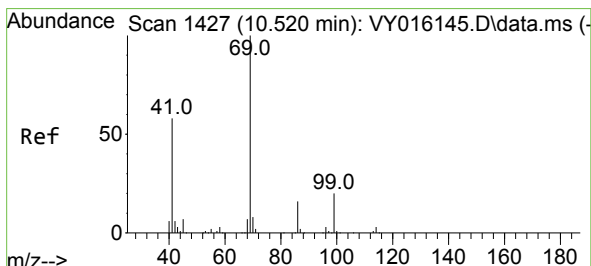
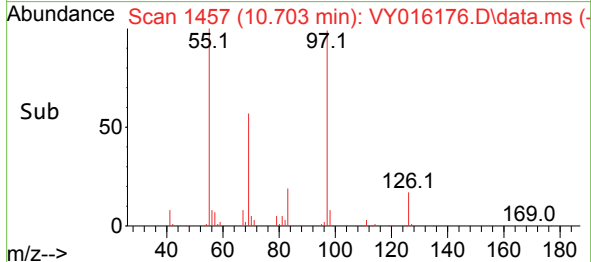
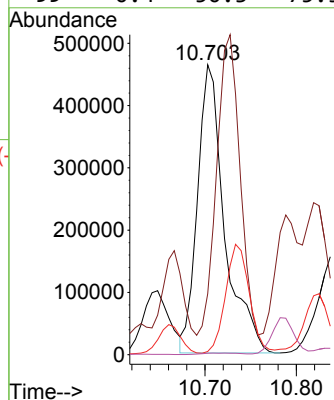
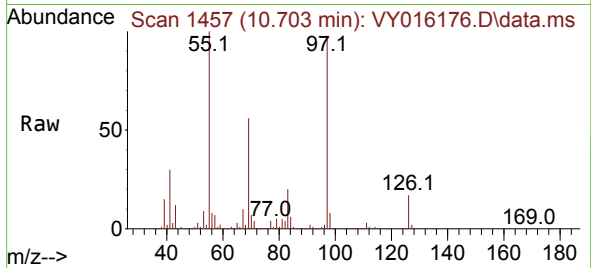




#55
1,1,2-Trichloroethane
Concen: 1054.667 ug/l
RT: 10.703 min Scan# 1449
Delta R.T. 0.049 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

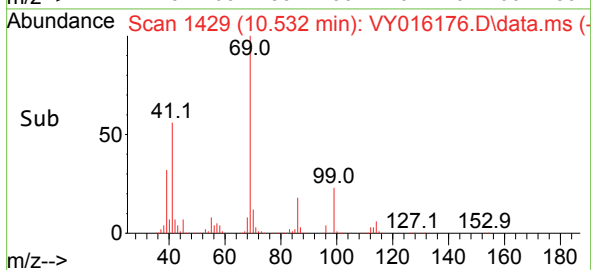
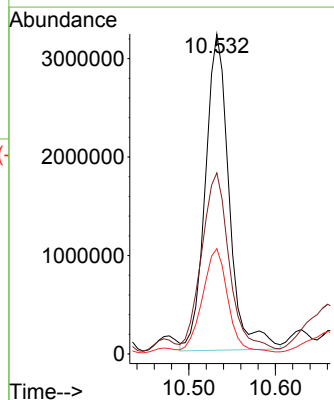
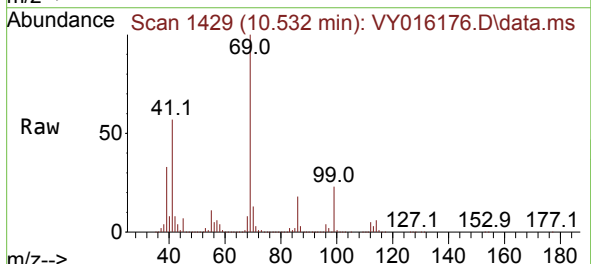
Instrument :
MSVOA_Y
ClientSampleId :

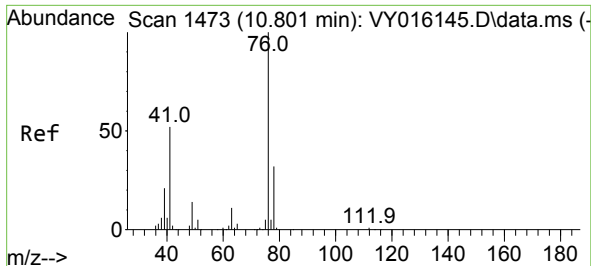
Tgt Ion: 97 Resp: 949822
Ion Ratio Lower Upper
97 100
83 0.0 72.0 108.0#
85 0.0 45.4 68.0#
99 0.4 50.3 75.5#



#56
Ethyl methacrylate
Concen: 5257.854 ug/l
RT: 10.532 min Scan# 1429
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 69 Resp: 6149543
Ion Ratio Lower Upper
69 100
41 63.4 57.6 86.4
39 34.4 34.1 51.1





#57

1,3-Dichloropropane

Concen: 286.448 ug/l

RT: 10.813 min Scan# 1475

Delta R.T. 0.012 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

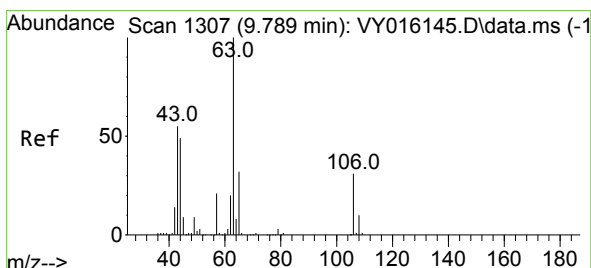
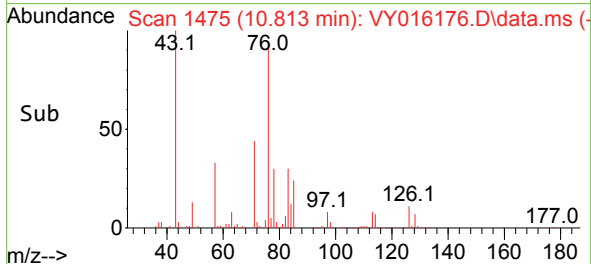
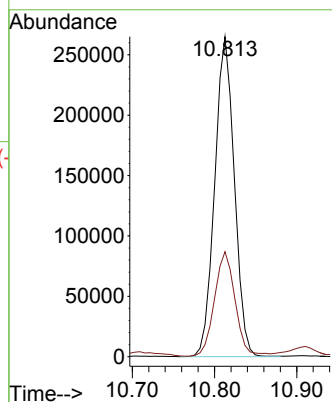
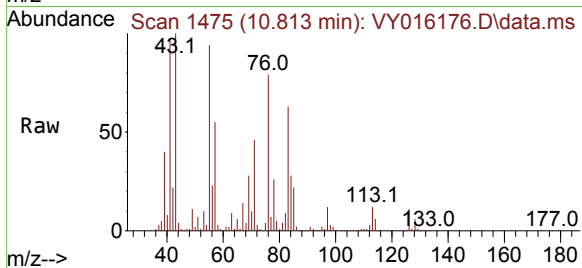
ClientSampleId :

Tgt Ion: 76 Resp: 439167

Ion Ratio Lower Upper

76 100

78 34.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 204.067 ug/l

RT: 9.837 min Scan# 1315

Delta R.T. 0.049 min

Lab File: VY016176.D

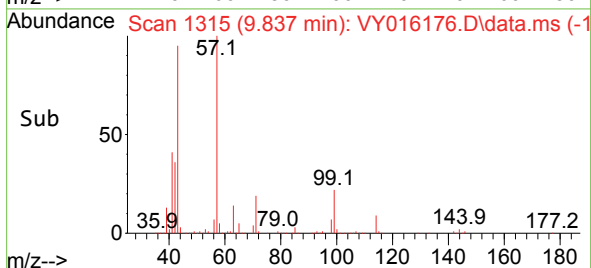
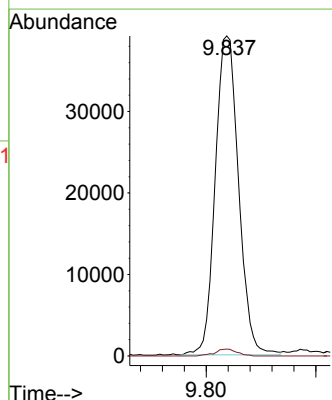
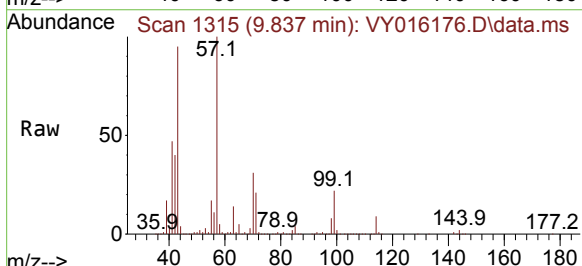
Acq: 01 Nov 2023 18:10

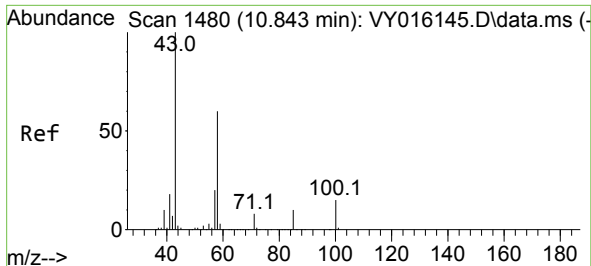
Tgt Ion: 63 Resp: 115735

Ion Ratio Lower Upper

63 100

106 2.0 21.2 31.8#





#59

2-Hexanone

Concen: 1701.769 ug/l

RT: 10.825 min Scan# 14

Delta R.T. -0.018 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

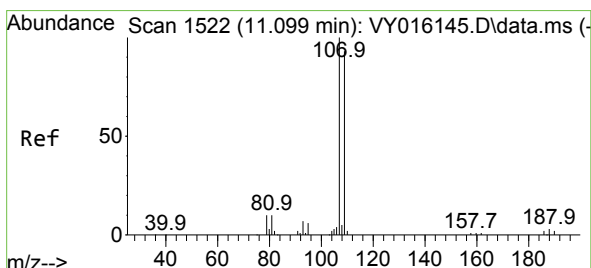
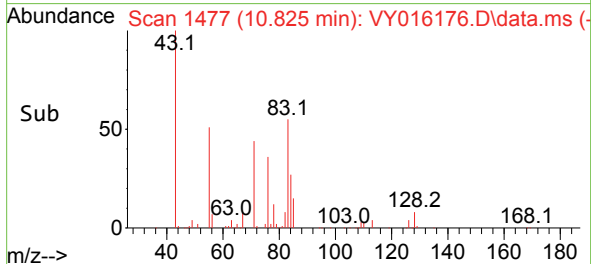
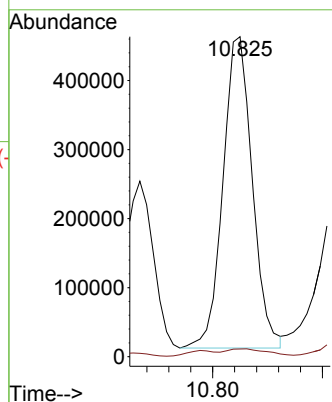
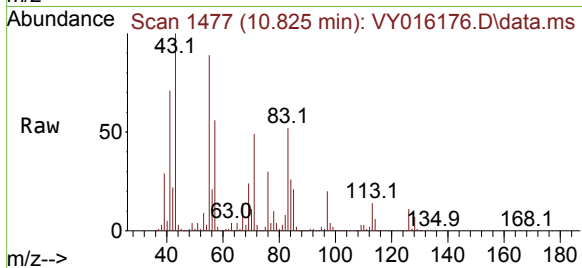
ClientSampleId :

Tgt Ion: 43 Resp: 837761

Ion Ratio Lower Upper

43 100

58 2.6 25.1 75.3#



#61

1,2-Dibromoethane

Concen: 12.527 ug/l

RT: 11.179 min Scan# 1535

Delta R.T. 0.079 min

Lab File: VY016176.D

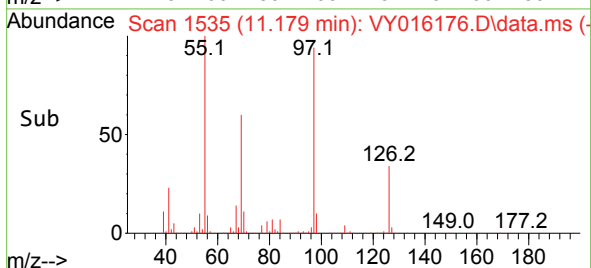
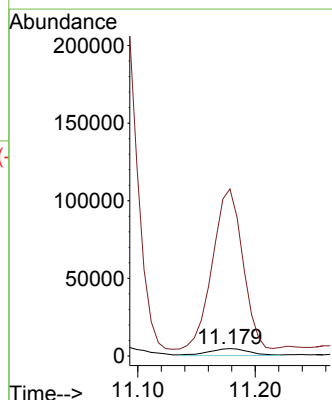
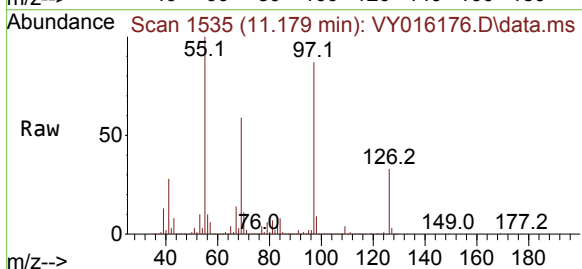
Acq: 01 Nov 2023 18:10

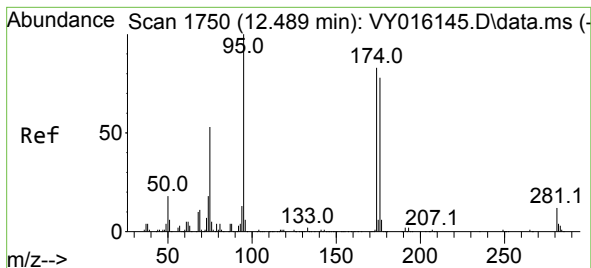
Tgt Ion:107 Resp: 10731

Ion Ratio Lower Upper

107 100

109 1724.3 75.6 113.4#

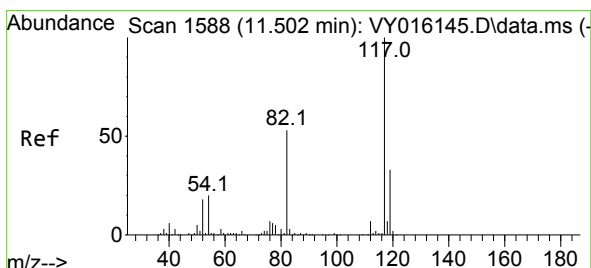
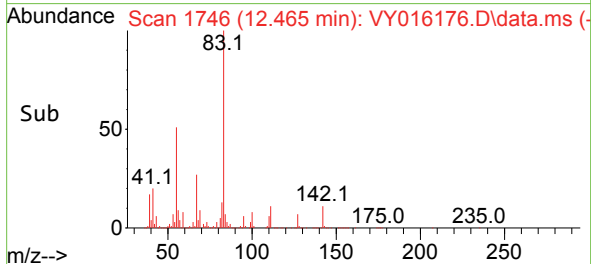
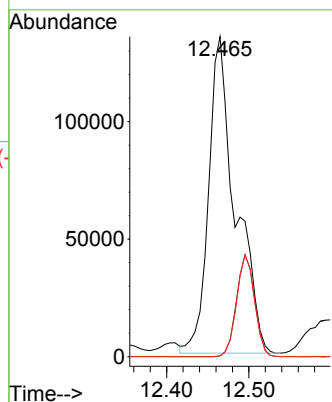
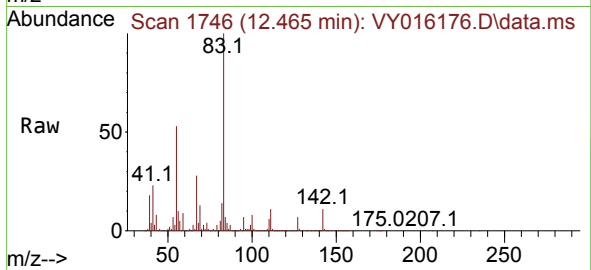




#62
4-Bromofluorobenzene
Concen: 200.092 ug/l
RT: 12.465 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

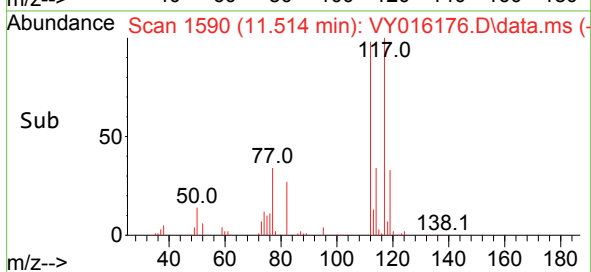
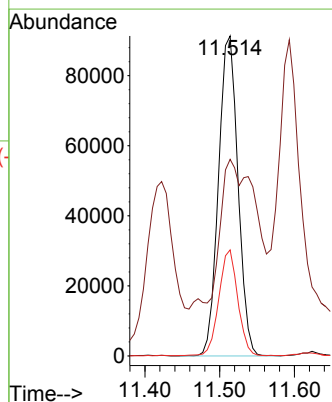
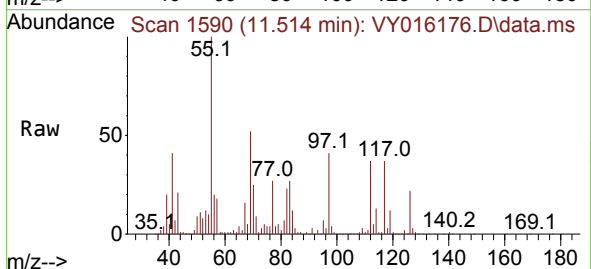
Instrument :
MSVOA_Y
ClientSampleId :

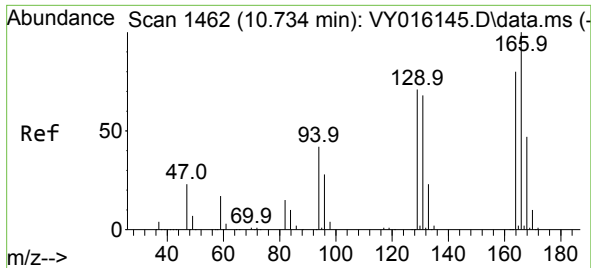
Tgt Ion: 95 Resp: 307008
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.2
176 0.0 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 117 Resp: 165708
Ion Ratio Lower Upper
117 100
82 42.2 43.4 65.0#
119 33.0 26.3 39.5

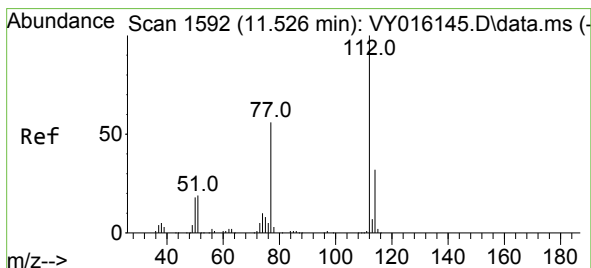
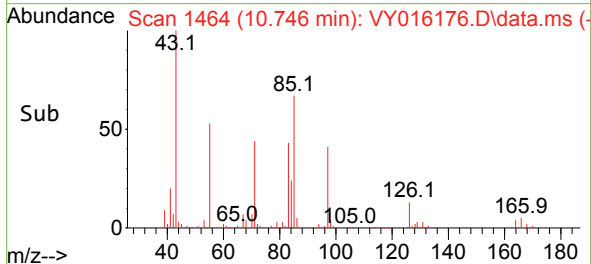
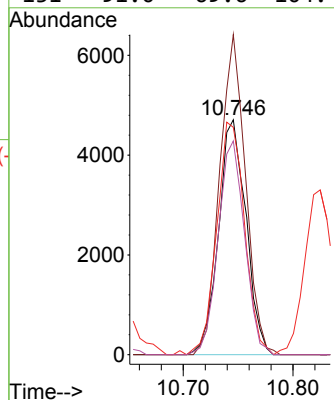
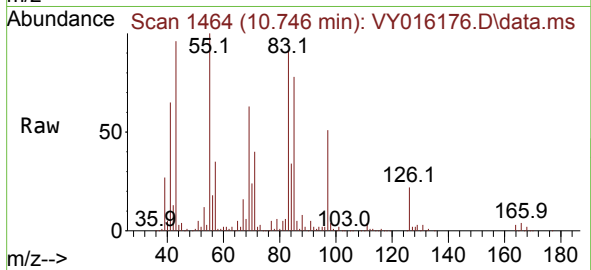




#64
Tetrachloroethene
Concen: 5.556 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

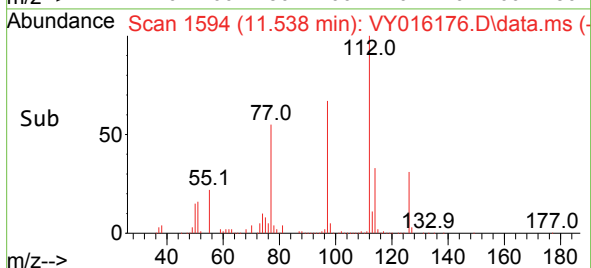
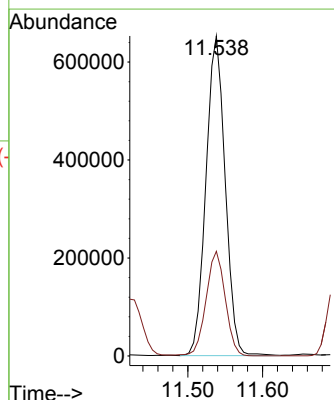
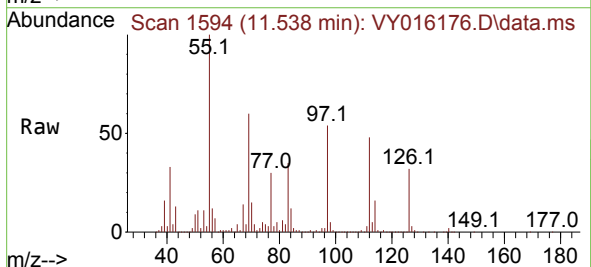
Instrument :
MSVOA_Y
ClientSampleId :

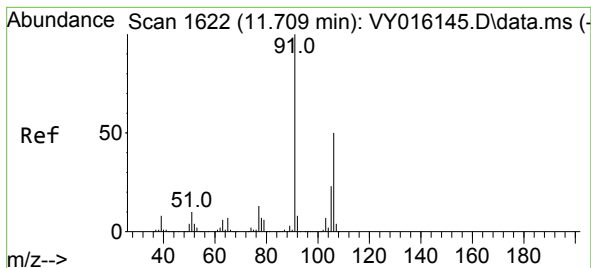
Tgt Ion:164 Resp: 8189
Ion Ratio Lower Upper
164 100
166 136.2 103.0 154.6
129 95.0 77.2 115.8
131 91.0 69.6 104.4



#65
Chlorobenzene
Concen: 353.545 ug/l
RT: 11.538 min Scan# 1594
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion:112 Resp: 1163953
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

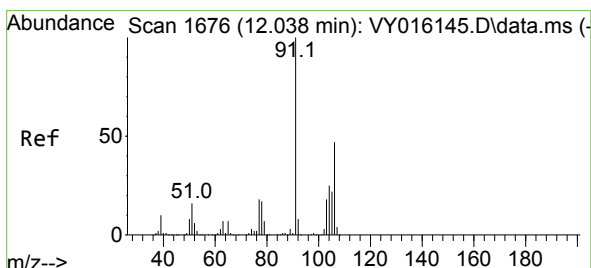
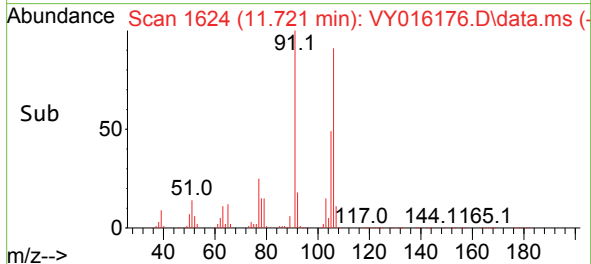
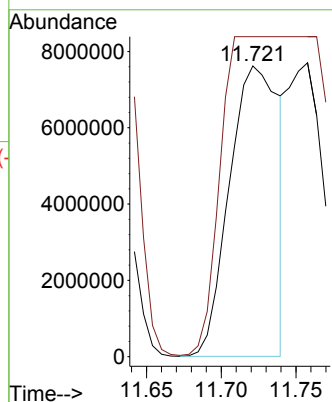
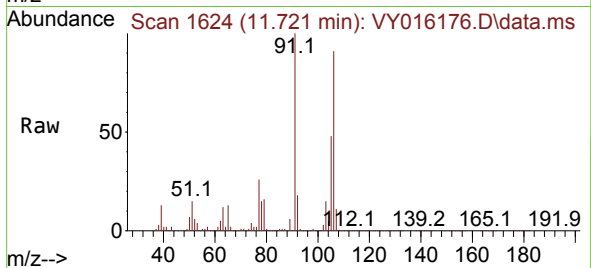




#68
m/p-Xylenes
Concen: 7664.035 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

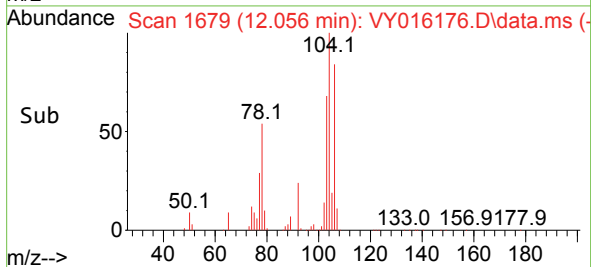
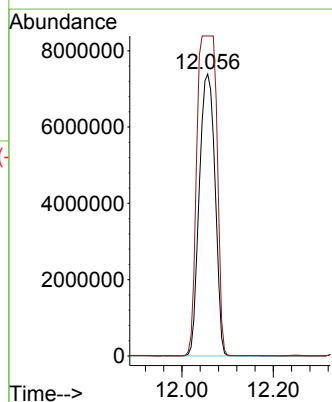
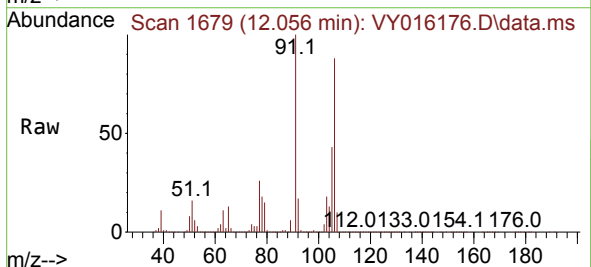
Instrument :
MSVOA_Y
ClientSampleId :

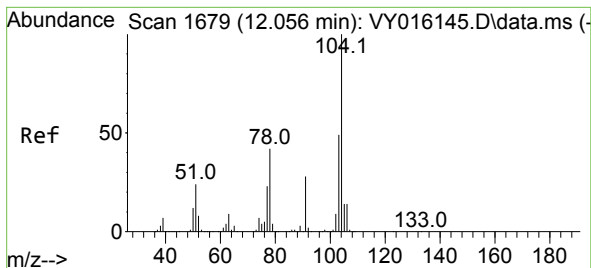
Tgt Ion:106 Resp:17438940
Ion Ratio Lower Upper
106 100
91 0.0 166.1 249.1#



#69
o-Xylene
Concen: 8087.258 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.018 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion:106 Resp:17569889
Ion Ratio Lower Upper
106 100
91 0.0 108.1 324.3#





#70

Styrene

Concen: 1256.631 ug/l

RT: 12.075 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

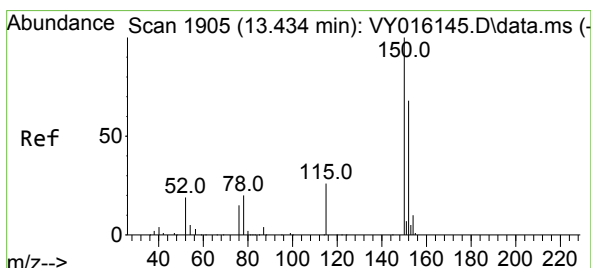
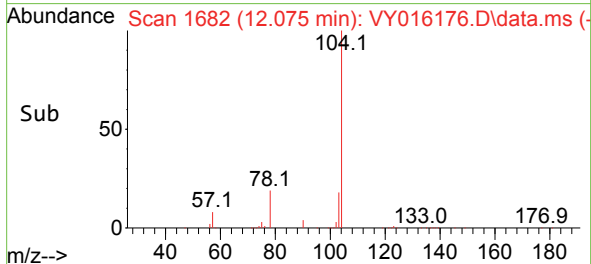
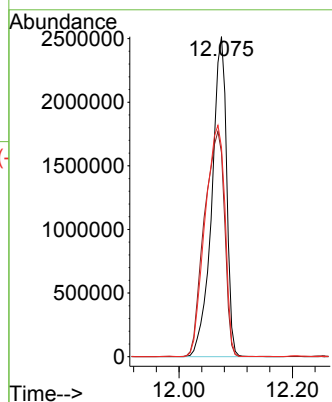
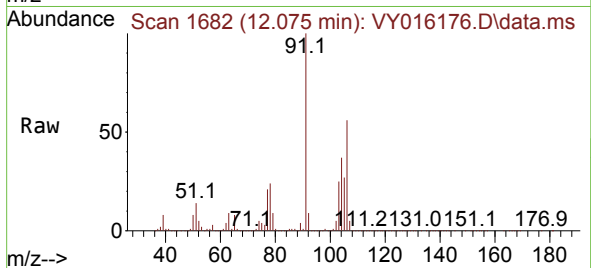
Tgt Ion:104 Resp: 4538518

Ion Ratio Lower Upper

104 100

78 95.8 41.5 62.3#

103 97.0 44.6 67.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

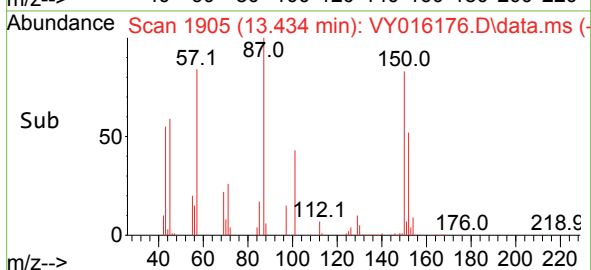
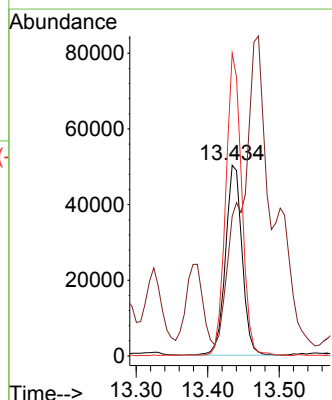
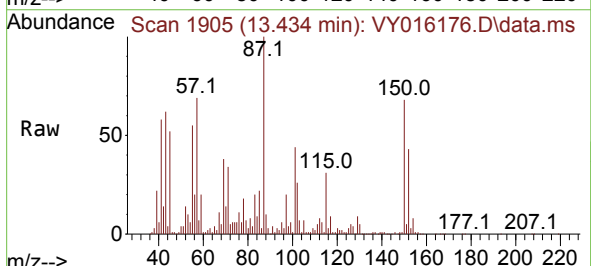
Tgt Ion:152 Resp: 80920

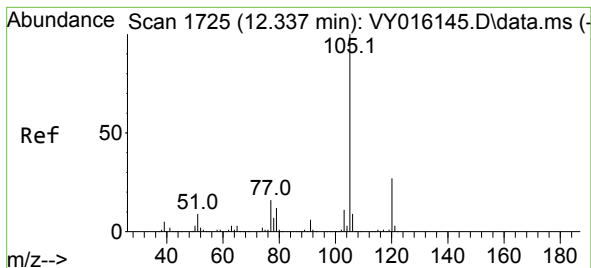
Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.5#

150 152.6 0.0 348.8





#73

Isopropylbenzene

Concen: 520.982 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

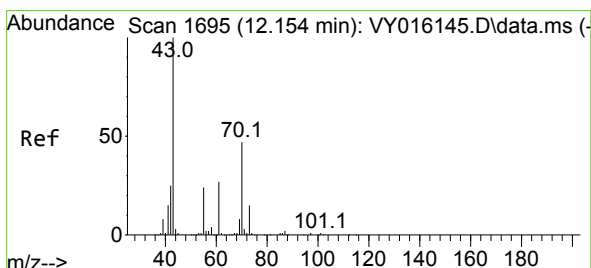
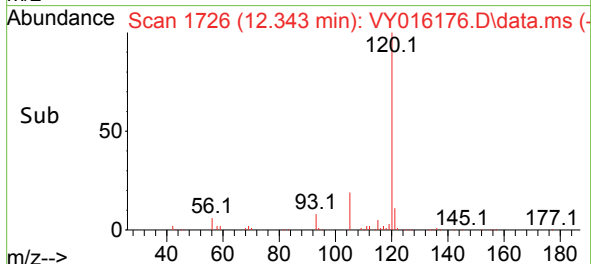
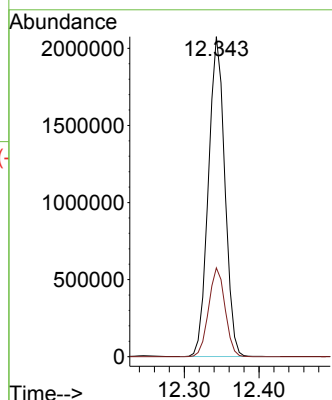
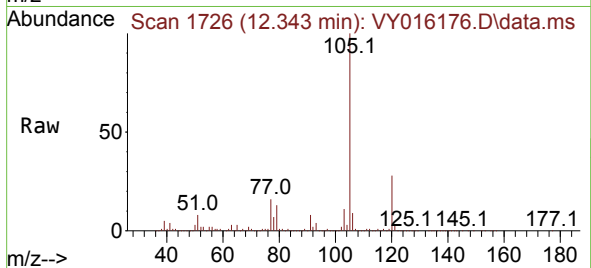
ClientSampleId :

Tgt Ion:105 Resp: 3162360

Ion Ratio Lower Upper

105 100

120 27.7 13.3 39.9



#74

N-ethyl acetate

Concen: 209.491 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.012 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion: 43 Resp: 276330

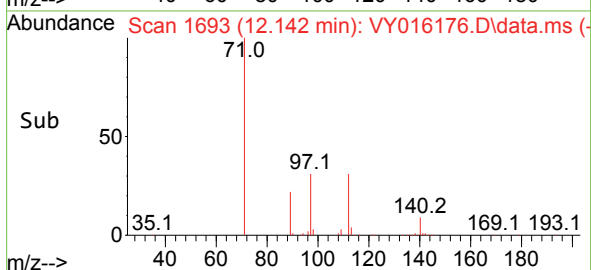
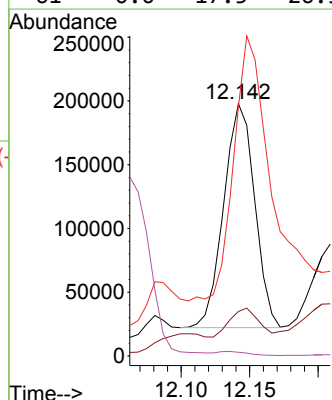
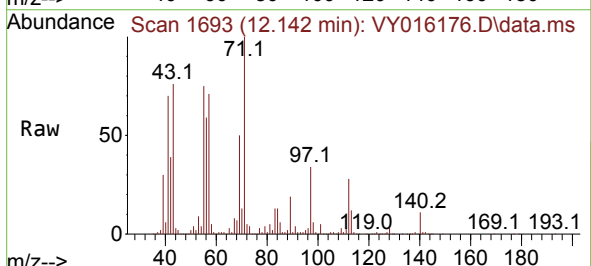
Ion Ratio Lower Upper

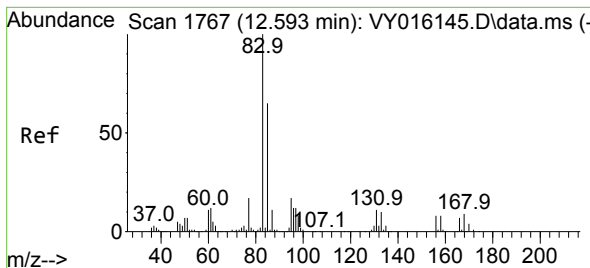
43 100

70 11.8 29.7 44.5#

55 148.2 18.3 27.5#

61 0.0 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 590.758 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.043 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

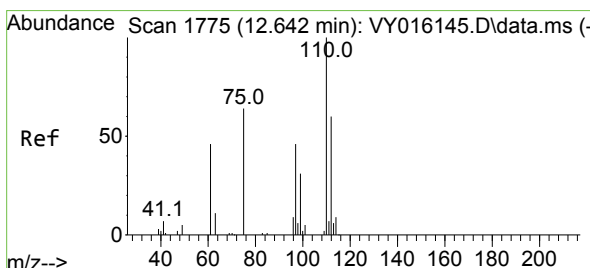
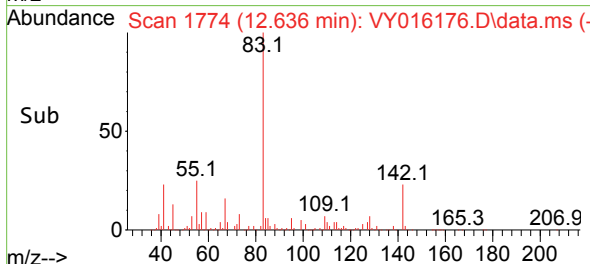
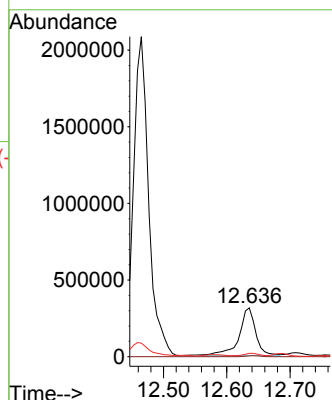
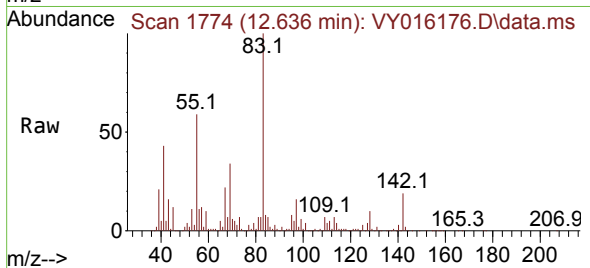
Tgt Ion: 83 Resp: 570608

Ion Ratio Lower Upper

83 100

131 1.8 5.4 16.2#

85 3.8 31.8 95.4#



#76

1,2,3-Trichloropropane

Concen: 2.529 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.018 min

Lab File: VY016176.D

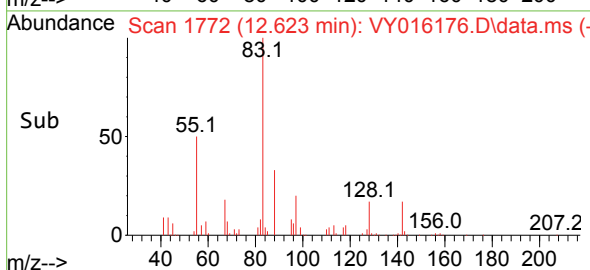
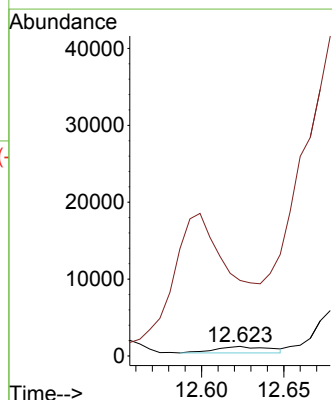
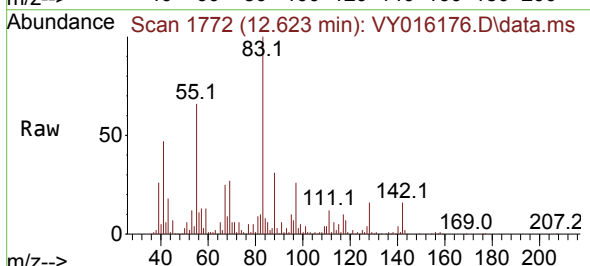
Acq: 01 Nov 2023 18:10

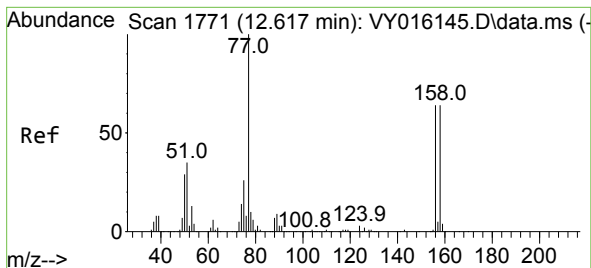
Tgt Ion: 75 Resp: 1927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.800 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

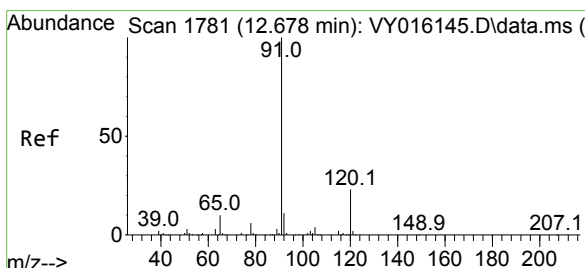
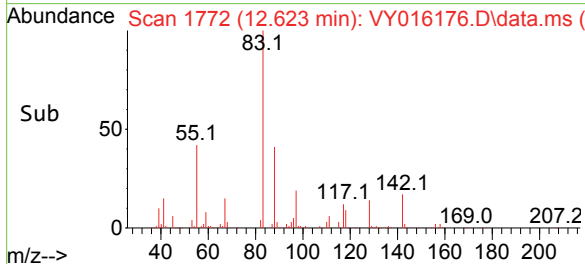
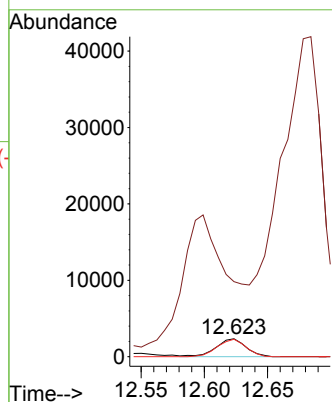
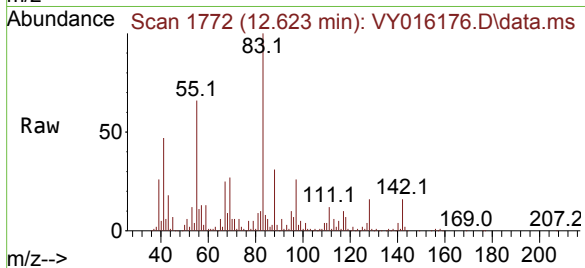
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:156 Resp: 3848

Ion	Ratio	Lower	Upper
156	100		
77	0.0	92.8	278.6#
158	92.9	48.4	145.3



#78

n-propylbenzene

Concen: 205.656 ug/l

RT: 12.684 min Scan# 1782

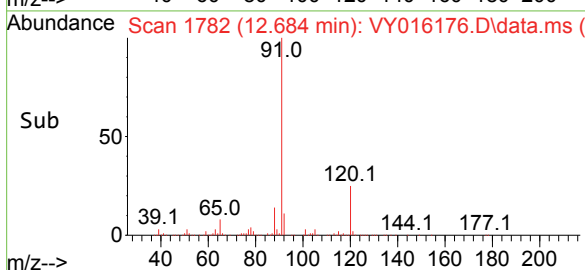
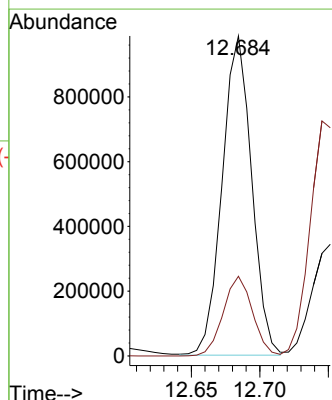
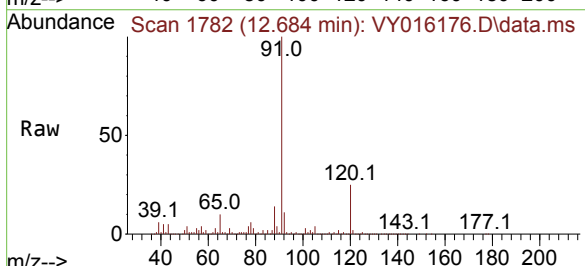
Delta R.T. 0.006 min

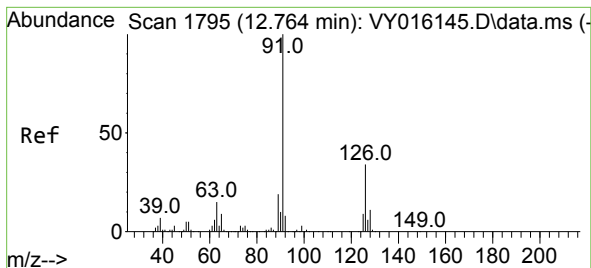
Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion: 91 Resp: 1475861

Ion	Ratio	Lower	Upper
91	100		
120	24.8	11.5	34.4





#79

2-Chlorotoluene

Concen: 63.544 ug/l

RT: 12.867 min Scan# 1812

Delta R.T. 0.104 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

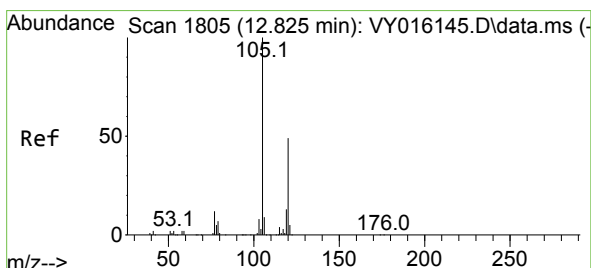
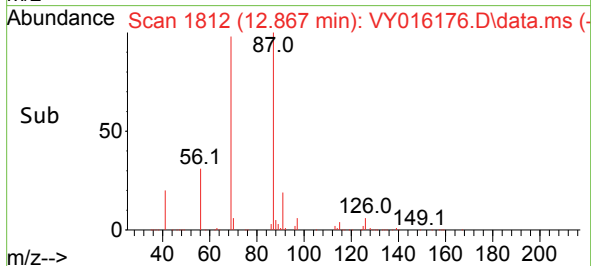
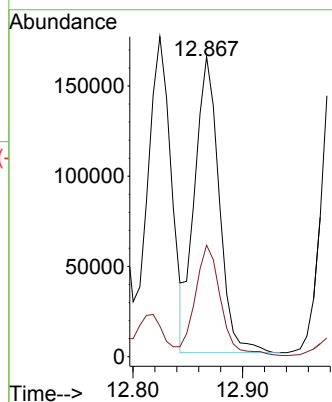
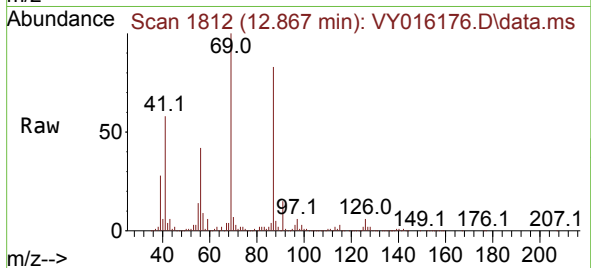
ClientSampleId :

Tgt Ion: 91 Resp: 254341

Ion Ratio Lower Upper

91 100

126 38.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 458.368 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016176.D

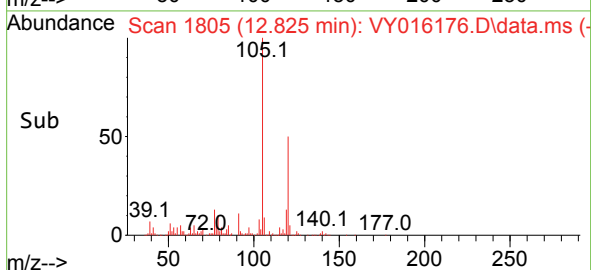
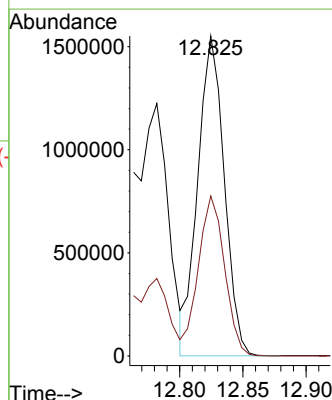
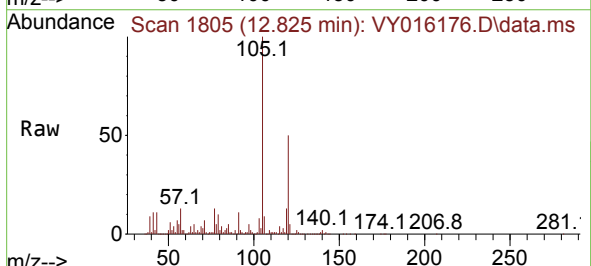
Acq: 01 Nov 2023 18:10

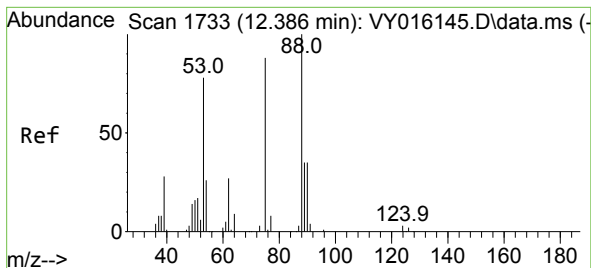
Tgt Ion:105 Resp: 2254130

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

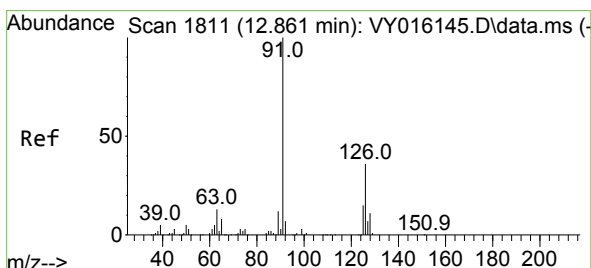
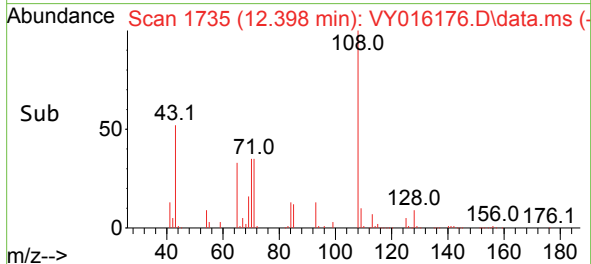
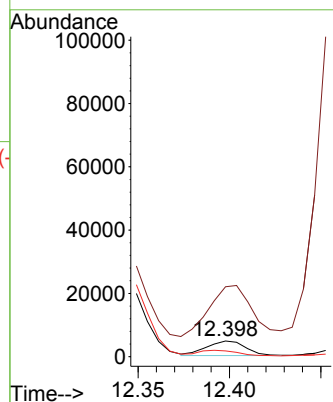
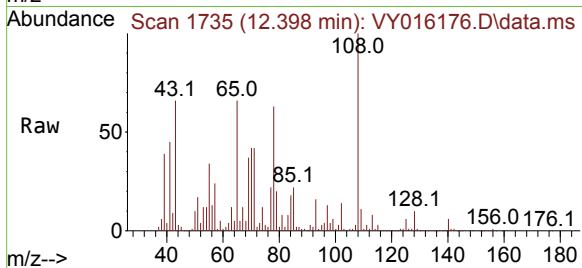




#81
trans-1,4-Dichloro-2-butene
Concen: 19.510 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

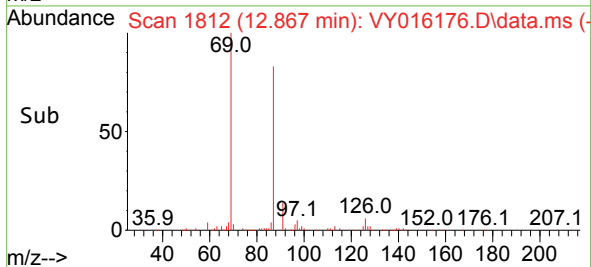
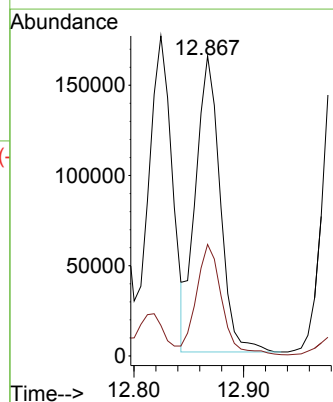
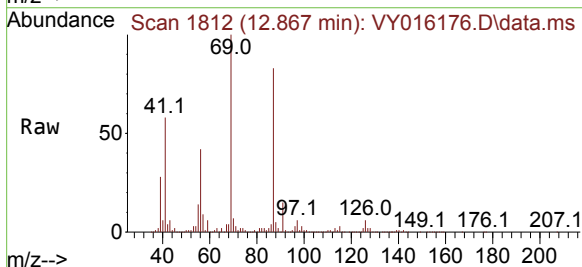
Instrument :
MSVOA_Y
ClientSampleId :

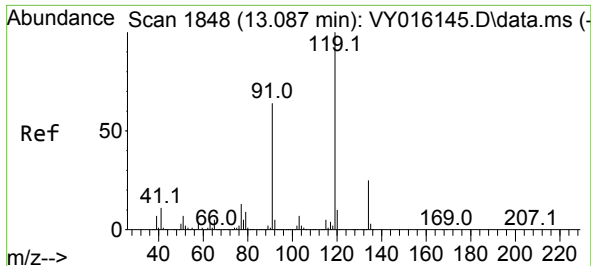
Tgt Ion: 75 Resp: 6857
Ion Ratio Lower Upper
75 100
53 379.5 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 61.882 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion: 91 Resp: 254341
Ion Ratio Lower Upper
91 100
126 38.5 17.2 51.6

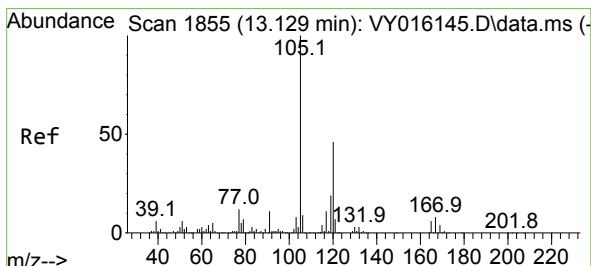
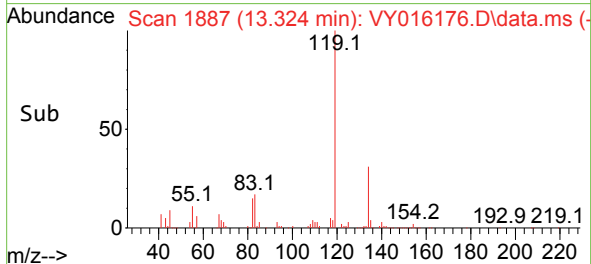
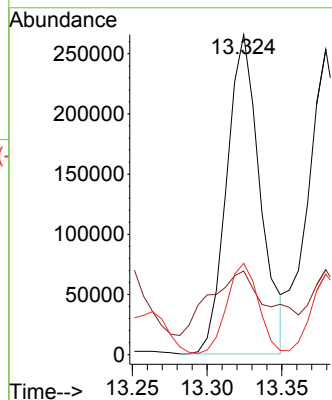
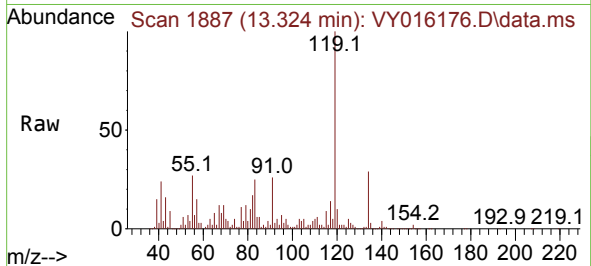




#83
 tert-Butylbenzene
 Concen: 93.784 ug/l
 RT: 13.324 min Scan# 1887
 Delta R.T. 0.238 min
 Lab File: VY016176.D
 Acq: 01 Nov 2023 18:10

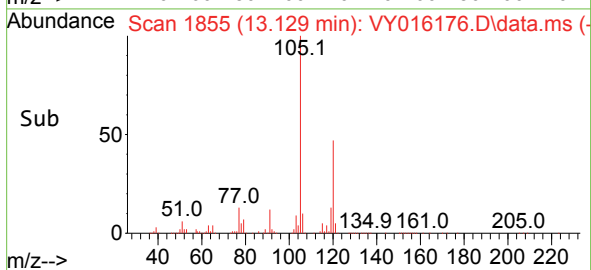
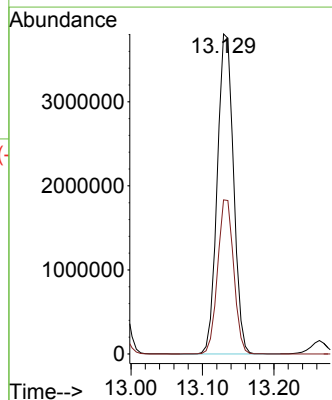
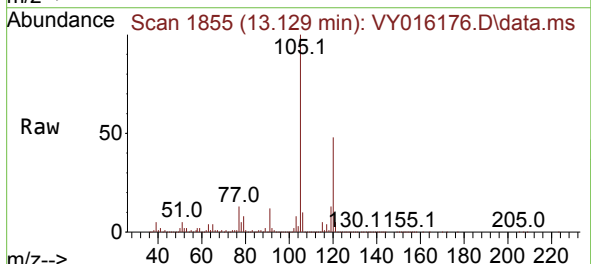
Instrument :
 MSVOA_Y
 ClientSampleId :

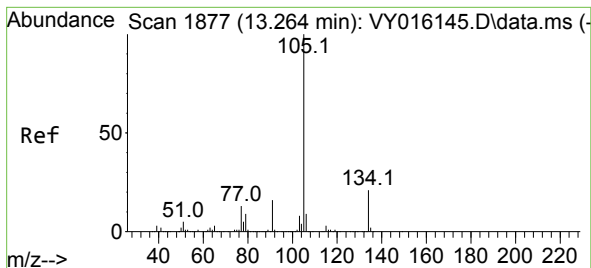
Tgt Ion:119 Resp: 412666
 Ion Ratio Lower Upper
 119 100
 91 35.4 32.9 98.6
 134 26.7 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 1233.240 ug/l
 RT: 13.129 min Scan# 1855
 Delta R.T. -0.000 min
 Lab File: VY016176.D
 Acq: 01 Nov 2023 18:10

Tgt Ion:105 Resp: 6001072
 Ion Ratio Lower Upper
 105 100
 120 47.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 38.405 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

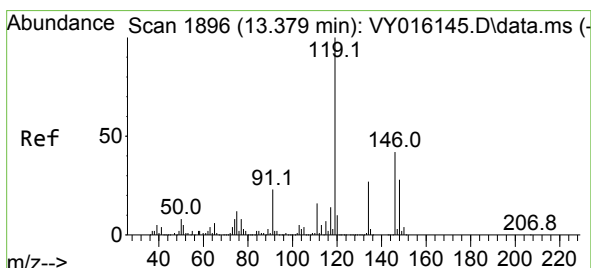
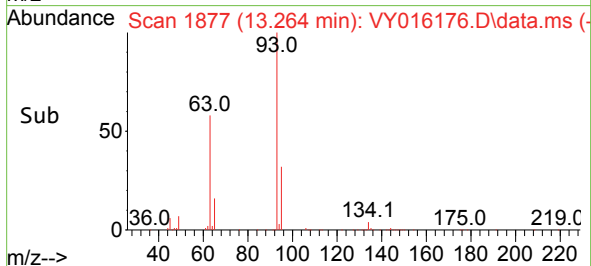
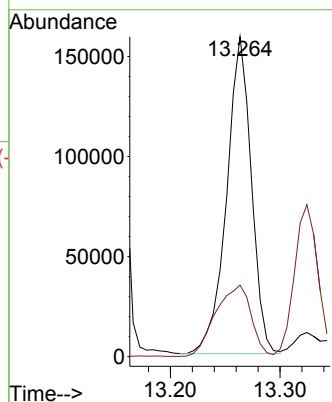
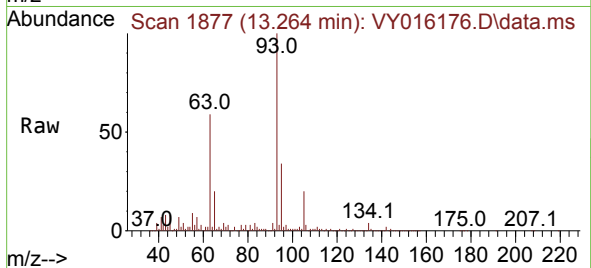
ClientSampleId :

Tgt Ion:105 Resp: 248029

Ion Ratio Lower Upper

105 100

134 32.2 10.2 30.6#



#86

p-Isopropyltoluene

Concen: 73.794 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

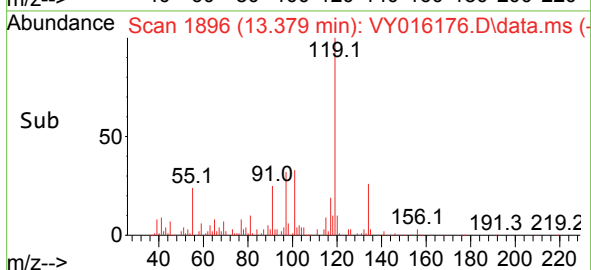
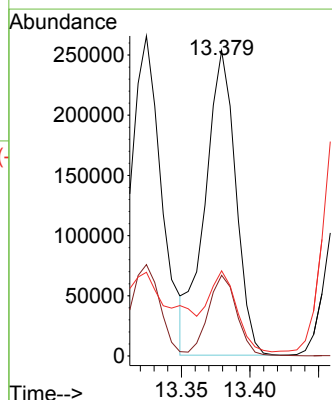
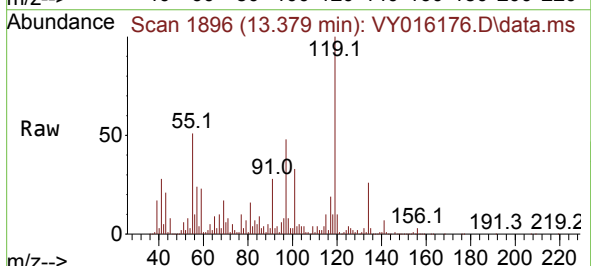
Tgt Ion:119 Resp: 394989

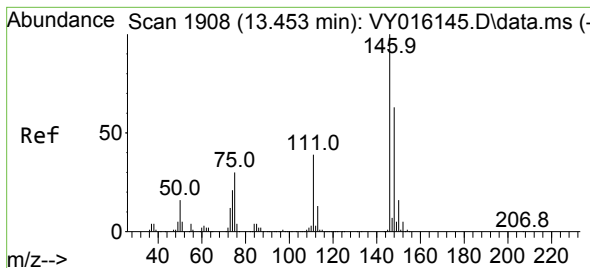
Ion Ratio Lower Upper

119 100

134 24.4 13.3 39.8

91 24.4 12.4 37.4





#88

1,4-Dichlorobenzene

Concen: 6.173 ug/l

RT: 13.459 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016176.D

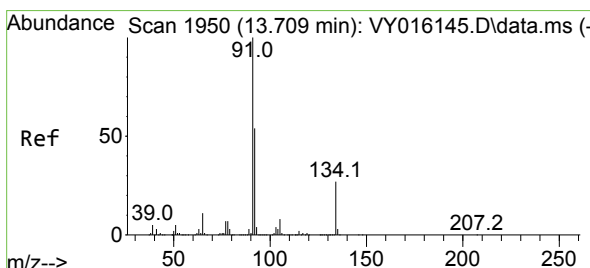
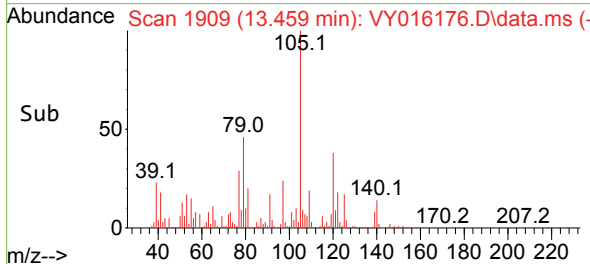
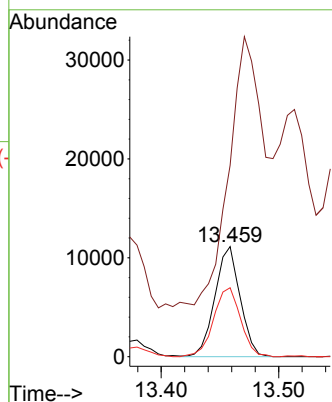
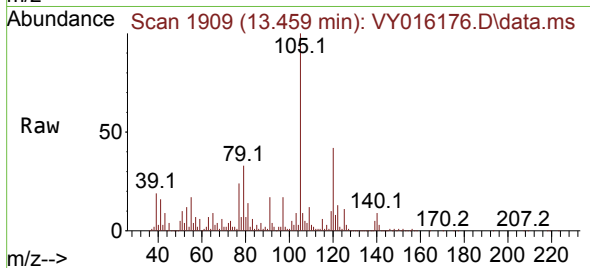
Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146 Resp: 16584
 Ion Ratio Lower Upper
 146 100
 111 348.1 18.9 56.7#
 148 67.1 32.1 96.5



#89

n-Butylbenzene

Concen: 77.003 ug/l

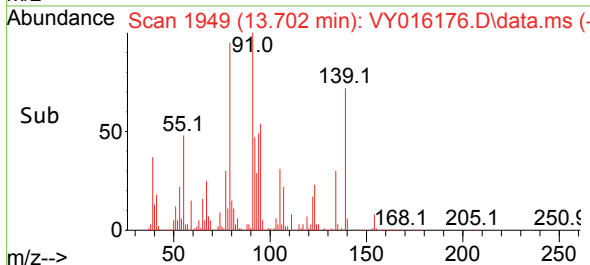
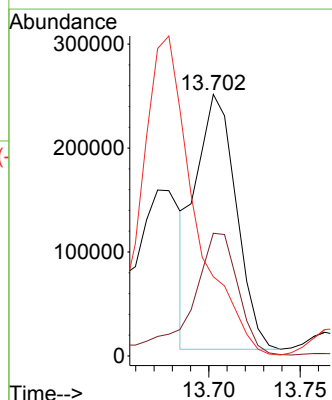
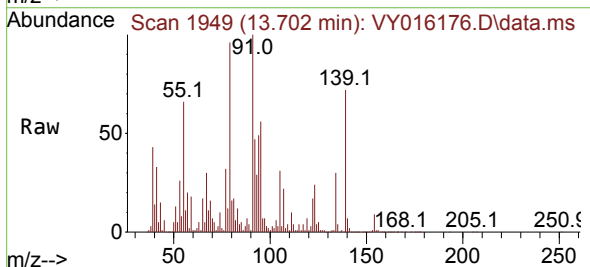
RT: 13.702 min Scan# 1949

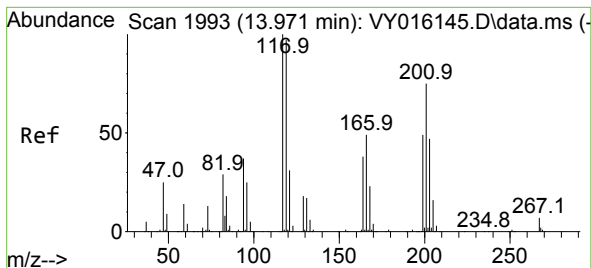
Delta R.T. -0.006 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion: 91 Resp: 378713
 Ion Ratio Lower Upper
 91 100
 92 53.4 25.4 76.0
 134 0.0 12.6 37.6#

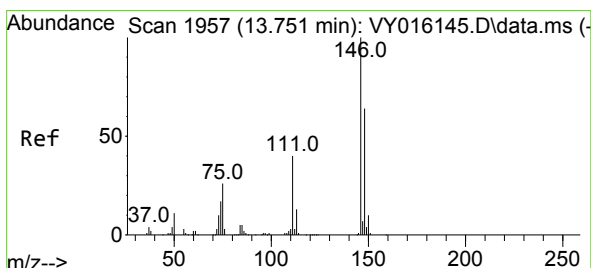
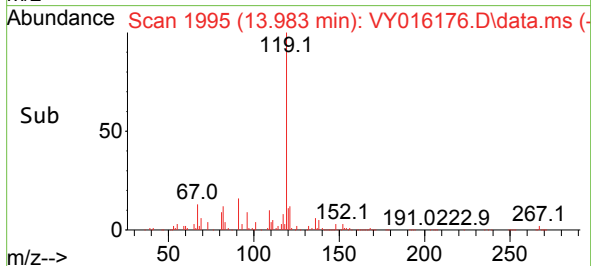
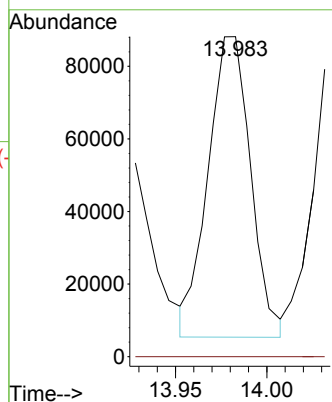
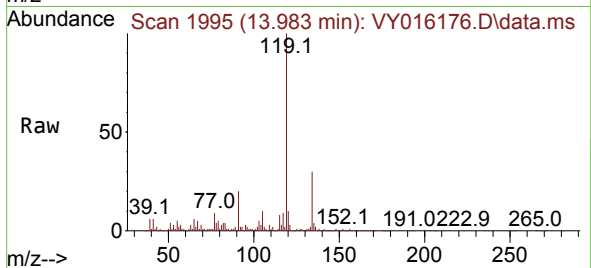




#90
Hexachloroethane
Concen: 145.382 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

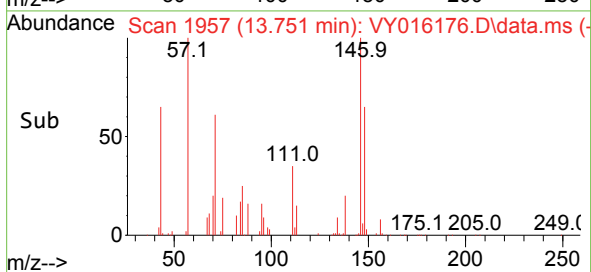
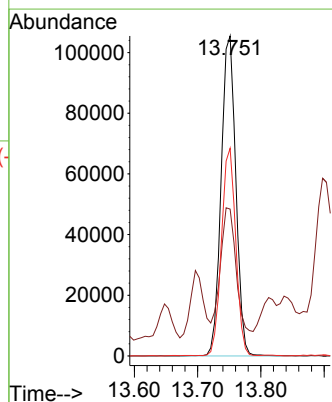
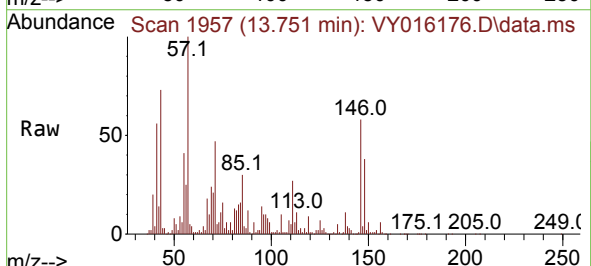
Instrument :
MSVOA_Y
ClientSampleId :

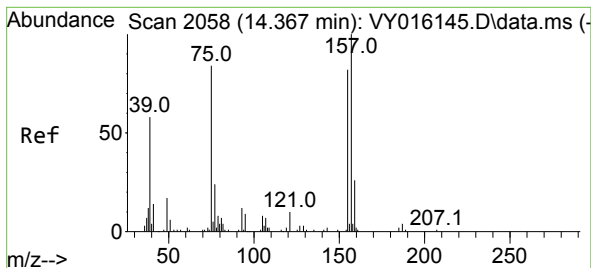
Tgt Ion:117 Resp: 134100
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#



#91
1,2-Dichlorobenzene
Concen: 72.005 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016176.D
Acq: 01 Nov 2023 18:10

Tgt Ion:146 Resp: 169112
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 63.0 32.0 96.2

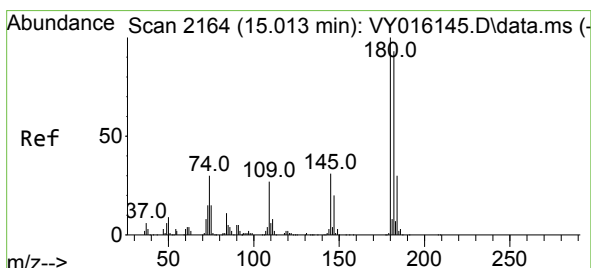
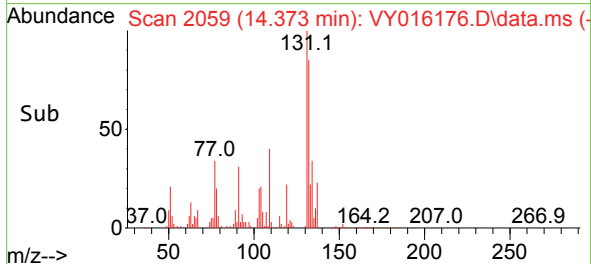
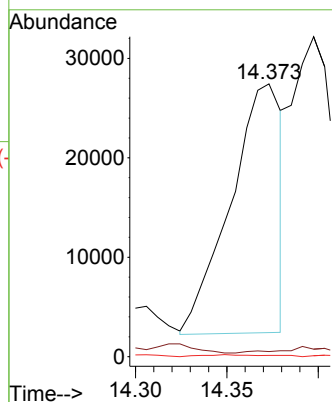
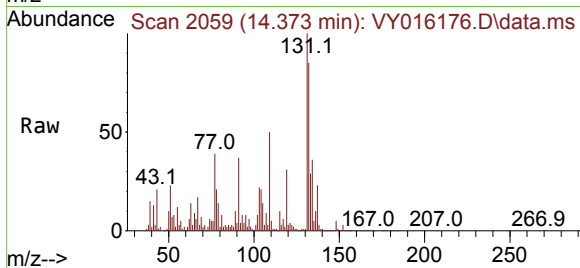




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 282.087 ug/l
 RT: 14.373 min Scan# 2059
 Delta R.T. 0.006 min
 Lab File: VY016176.D
 Acq: 01 Nov 2023 18:10

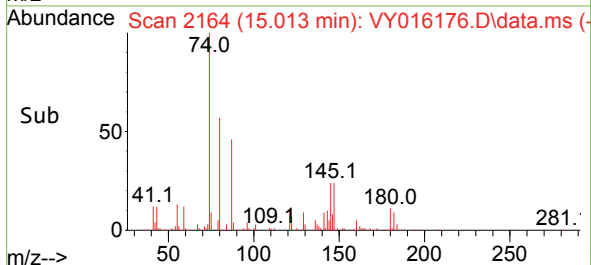
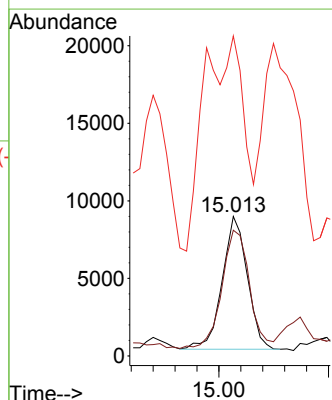
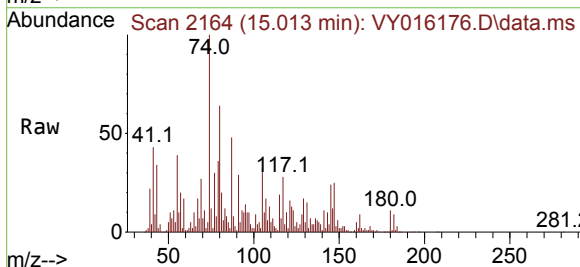
Instrument :
 MSVOA_Y
 ClientSampleId :

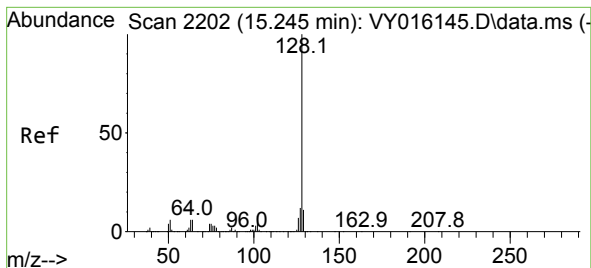
Tgt Ion: 75 Resp: 48762
 Ion Ratio Lower Upper
 75 100
 155 0.0 41.5 124.6#
 157 0.0 51.8 155.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 9.412 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. -0.000 min
 Lab File: VY016176.D
 Acq: 01 Nov 2023 18:10

Tgt Ion:180 Resp: 13643
 Ion Ratio Lower Upper
 180 100
 182 97.6 47.0 141.2
 145 0.0 14.5 43.5#





#95

Naphthalene

Concen: 2542.781 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

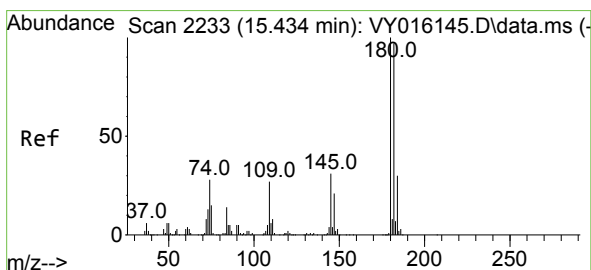
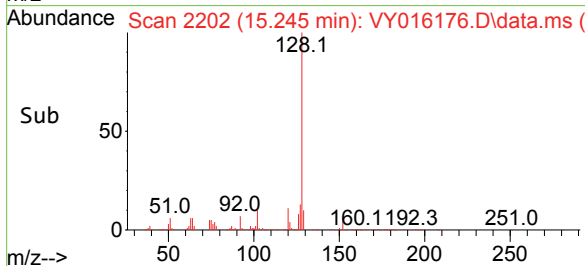
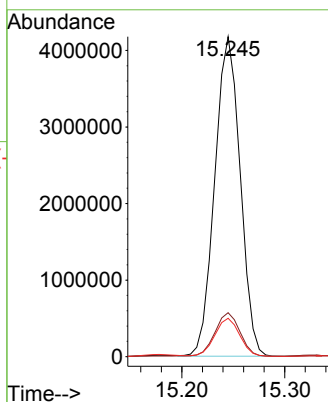
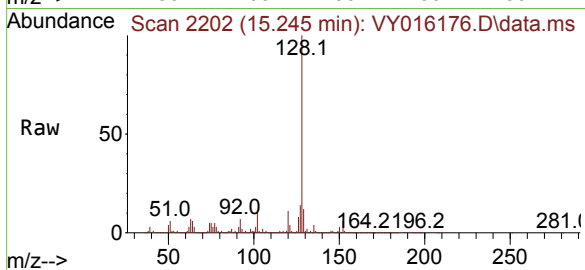
Tgt Ion:128 Resp: 7160852

Ion Ratio Lower Upper

128 100

127 14.0 10.8 16.2

129 11.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.756 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016176.D

Acq: 01 Nov 2023 18:10

Tgt Ion:180 Resp: 5890

Ion Ratio Lower Upper

180 100

182 218.6 47.3 141.8#

145 0.0 15.4 46.2#

