

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016542.D
 Acq On : 30 Nov 2023 08:28
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 00:55:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.819	168	176257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	265756	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.514	117	229380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	104146	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	68806	49.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.820%
35) Dibromofluoromethane	7.746	113	78874	50.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.140%
50) Toluene-d8	10.203	98	309192	51.110	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.220%
62) 4-Bromofluorobenzene	12.502	95	98293	51.794	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.580%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.924	85	70019	45.604	ug/l	99
3) Chloromethane	2.131	50	71499	46.682	ug/l	96
4) Vinyl Chloride	2.278	62	85284	49.334	ug/l	95
5) Bromomethane	2.680	94	54983	49.134	ug/l	99
6) Chloroethane	2.826	64	53673	48.094	ug/l	98
7) Trichlorofluoromethane	3.156	101	142795	47.714	ug/l	97
8) Diethyl Ether	3.558	74	38258	48.131	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.936	101	82565	48.601	ug/l	98
10) Methyl Iodide	4.131	142	96372	50.142	ug/l	98
11) Tert butyl alcohol	4.997	59	19717	223.400	ug/l #	82
12) 1,1-Dichloroethene	3.912	96	78614	49.514	ug/l #	80
13) Acrolein	3.759	56	42042	251.385	ug/l	98
14) Allyl chloride	4.521	41	88488	48.480	ug/l #	87
15) Acrylonitrile	5.198	53	68206	242.487	ug/l	97
16) Acetone	3.979	43	68570	254.992	ug/l #	83
17) Carbon Disulfide	4.235	76	219005	48.892	ug/l	98
18) Methyl Acetate	4.521	43	52172	50.615	ug/l #	78
19) Methyl tert-butyl Ether	5.265	73	172859	49.960	ug/l	95
20) Methylene Chloride	4.759	84	79486	48.746	ug/l #	80
21) trans-1,2-Dichloroethene	5.265	96	87576	49.524	ug/l	87
22) Diisopropyl ether	6.155	45	189126	49.416	ug/l #	84
23) Vinyl Acetate	6.094	43	438182	248.269	ug/l #	85
24) 1,1-Dichloroethane	6.058	63	131014	48.506	ug/l	94
25) 2-Butanone	7.021	43	89211	237.451	ug/l #	80
26) 2,2-Dichloropropane	7.021	77	131216	49.153	ug/l	95
27) cis-1,2-Dichloroethene	7.021	96	94642	49.816	ug/l	85
28) Bromochloromethane	7.368	49	49274	50.477	ug/l #	64
29) Tetrahydrofuran	7.380	42	49895	247.209	ug/l #	74
30) Chloroform	7.539	83	147415	48.967	ug/l	98
31) Cyclohexane	7.819	56	113690	46.505	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	143111	49.056	ug/l	94
36) 1,1-Dichloropropene	7.947	75	114619	49.763	ug/l	97
37) Ethyl Acetate	7.106	43	35594	49.306	ug/l #	90
38) Carbon Tetrachloride	7.935	117	134819	49.871	ug/l	99
39) Methylcyclohexane	9.209	83	145799	50.750	ug/l	88
40) Benzene	8.191	78	324104	49.629	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	17762	46.708	ug/l #	85
42) 1,2-Dichloroethane	8.264	62	80481	49.731	ug/l	91
43) Isopropyl Acetate	8.301	43	70679	49.790	ug/l #	82
44) Trichloroethene	8.966	130	101091	50.256	ug/l	94
45) 1,2-Dichloropropane	9.240	63	72538	49.225	ug/l	96
46) Dibromomethane	9.331	93	42324	51.078	ug/l	98
47) Bromodichloromethane	9.520	83	110044	50.301	ug/l	98
48) Methyl methacrylate	9.319	41	39921	50.092	ug/l #	75
49) 1,4-Dioxane	9.325	88	8035	1046.177	ug/l #	56
51) 4-Methyl-2-Pentanone	10.093	43	181927	245.664	ug/l #	83
52) Toluene	10.270	92	211231	50.351	ug/l	94
53) t-1,3-Dichloropropene	10.490	75	103048	50.832	ug/l	98
54) cis-1,3-Dichloropropene	9.953	75	123816	50.402	ug/l #	84
55) 1,1,2-Trichloroethane	10.666	97	60288	50.422	ug/l	96
56) Ethyl methacrylate	10.532	69	53174	52.551	ug/l #	73
57) 1,3-Dichloropropane	10.813	76	96856	50.290	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	158883	253.927	ug/l #	86
59) 2-Hexanone	10.855	43	143910	246.016	ug/l	80
60) Dibromochloromethane	11.008	129	79529	50.887	ug/l	99
61) 1,2-Dibromoethane	11.112	107	57313	50.759	ug/l	100
64) Tetrachloroethene	10.746	164	101341	49.643	ug/l	97
65) Chlorobenzene	11.538	112	227681	49.564	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	87190	49.513	ug/l	99
67) Ethyl Benzene	11.618	91	406527	50.414	ug/l	97
68) m/p-Xylenes	11.727	106	313528	100.466	ug/l	92
69) o-Xylene	12.050	106	145988	50.956	ug/l	95
70) Styrene	12.069	104	209333	50.782	ug/l	97
71) Bromoform	12.233	173	46463	51.081	ug/l #	99
73) Isopropylbenzene	12.349	105	402521	50.966	ug/l	99
74) N-amyl acetate	12.166	43	56851	50.971	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.605	83	58427	49.836	ug/l	97
76) 1,2,3-Trichloropropane	12.654	75	77614	88.759	ug/l #	100
77) Bromobenzene	12.630	156	92674	50.394	ug/l	87
78) n-propylbenzene	12.697	91	460216	50.933	ug/l	97
79) 2-Chlorotoluene	12.782	91	254055	50.552	ug/l	97
80) 1,3,5-Trimethylbenzene	12.837	105	322288	50.763	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	19897	49.626	ug/l	87
82) 4-Chlorotoluene	12.880	91	257650	49.933	ug/l	95
83) tert-Butylbenzene	13.099	119	292456	51.043	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	316314	51.174	ug/l	98
85) sec-Butylbenzene	13.276	105	404398	51.033	ug/l	98
86) p-Isopropyltoluene	13.392	119	355145	51.871	ug/l	98
87) 1,3-Dichlorobenzene	13.392	146	174656	50.297	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	169517	49.876	ug/l	99
89) n-Butylbenzene	13.721	91	312823	52.127	ug/l	95
90) Hexachloroethane	13.983	117	67741	50.709	ug/l	97
91) 1,2-Dichlorobenzene	13.763	146	148786	50.557	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.379	75	8658	52.495	ug/l	80
93) 1,2,4-Trichlorobenzene	15.032	180	87091	48.427	ug/l	99
94) Hexachlorobutadiene	15.135	225	55061	54.022	ug/l	98
95) Naphthalene	15.257	128	147639	46.475	ug/l	98
96) 1,2,3-Trichlorobenzene	15.446	180	69687	47.617	ug/l	99

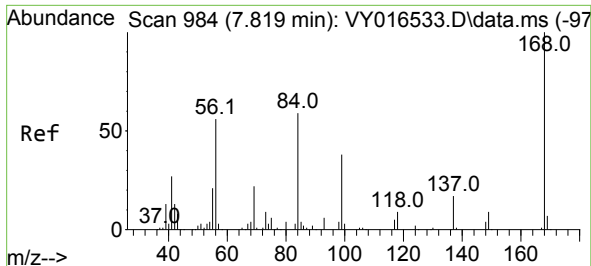
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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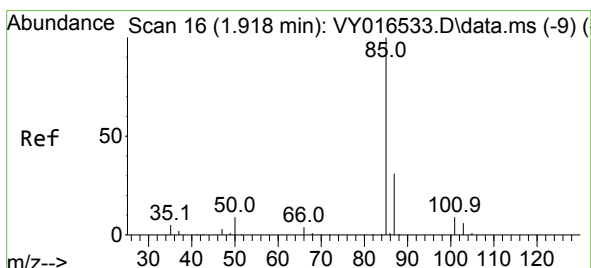
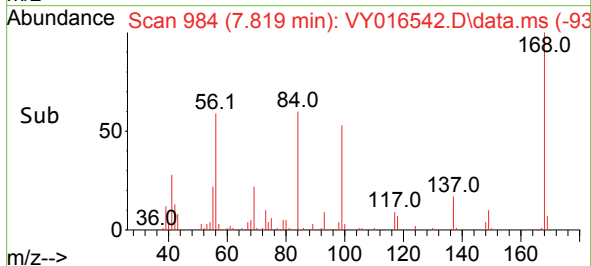
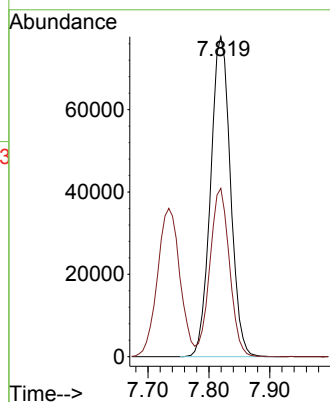
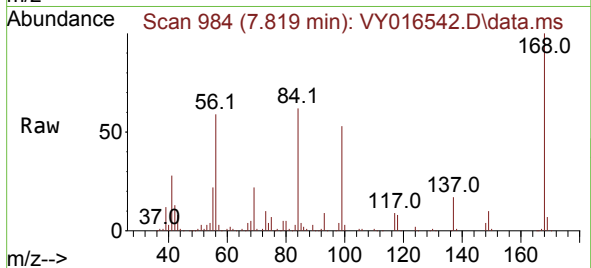
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.000 min
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Acq: 30 Nov 2023 08:28

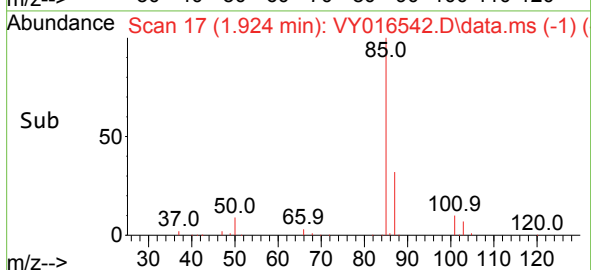
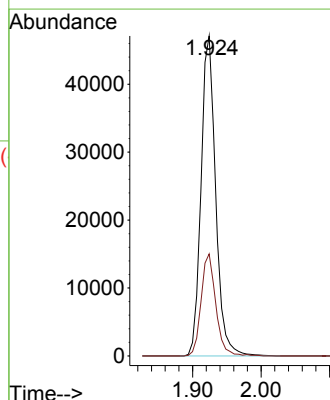
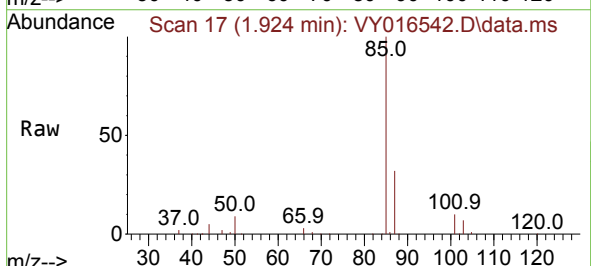
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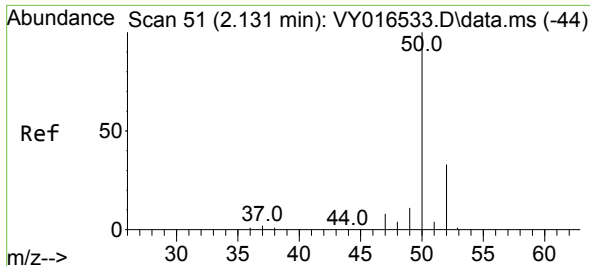
Tgt Ion:168 Resp: 176257
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 45.604 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 85 Resp: 70019
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

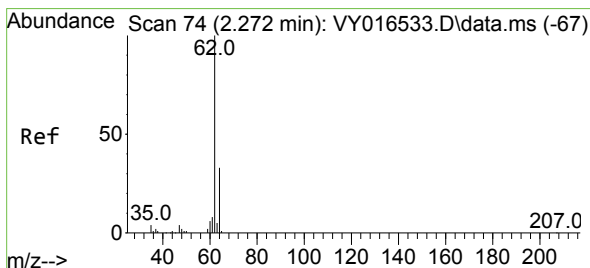
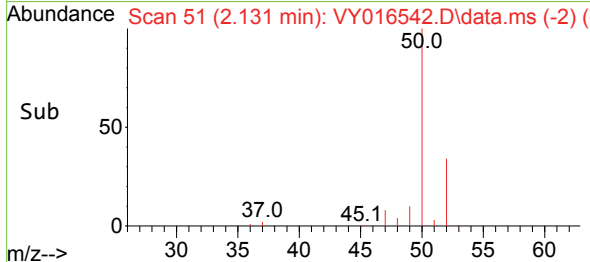
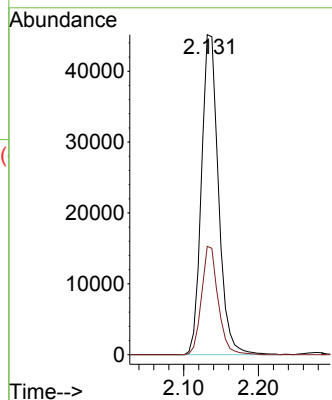
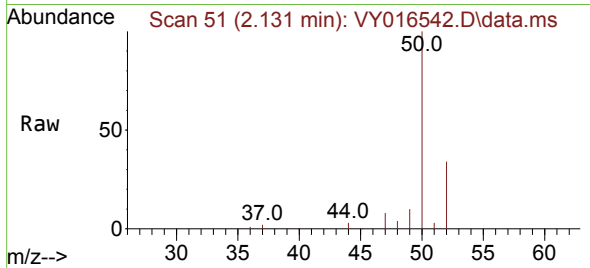




#3
Chloromethane
Concen: 46.682 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

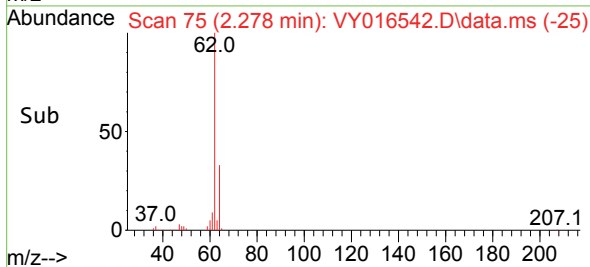
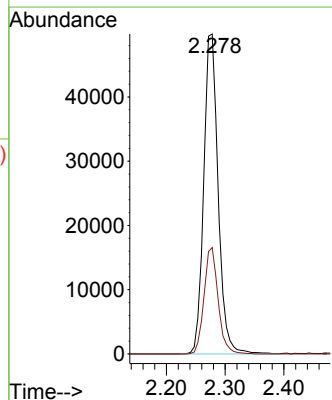
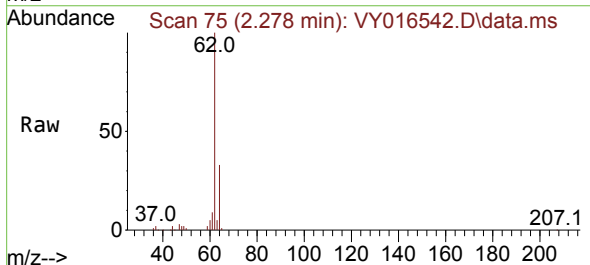
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ClientSampleId :

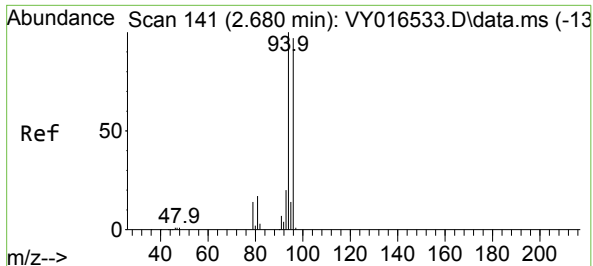
Tgt Ion: 50 Resp: 71499
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 49.334 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 62 Resp: 85284
Ion Ratio Lower Upper
62 100
64 33.2 24.3 36.5

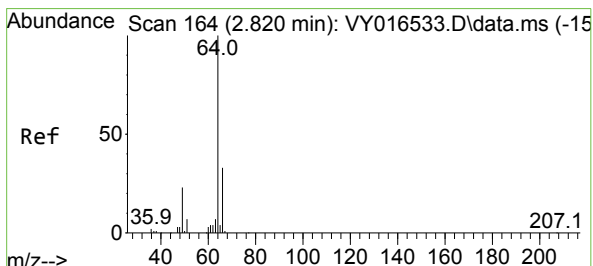
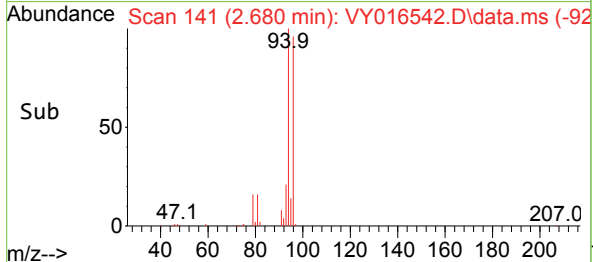
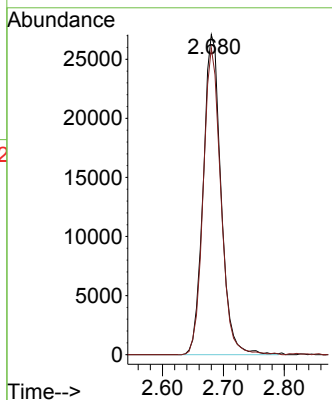
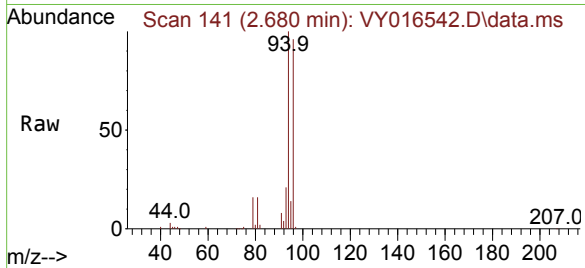




#5
Bromomethane
Concen: 49.134 ug/l
RT: 2.680 min Scan# 141
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

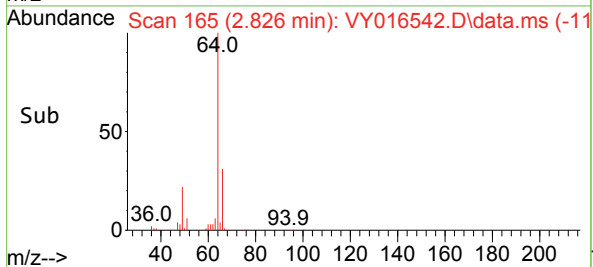
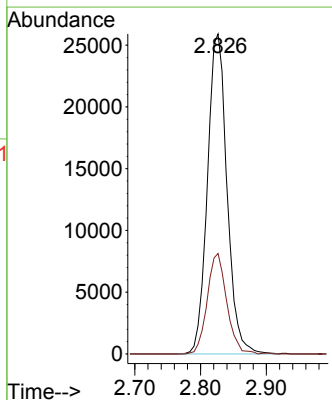
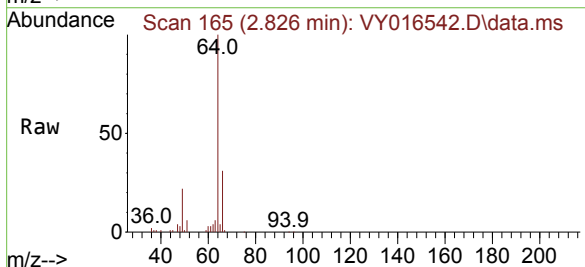
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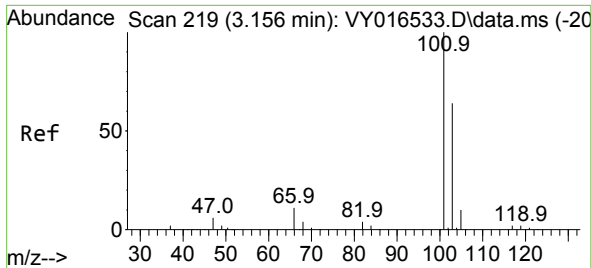
Tgt Ion: 94 Resp: 54983
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.6



#6
Chloroethane
Concen: 48.094 ug/l
RT: 2.826 min Scan# 165
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 64 Resp: 53673
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6

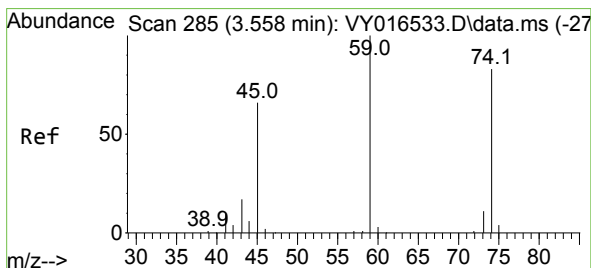
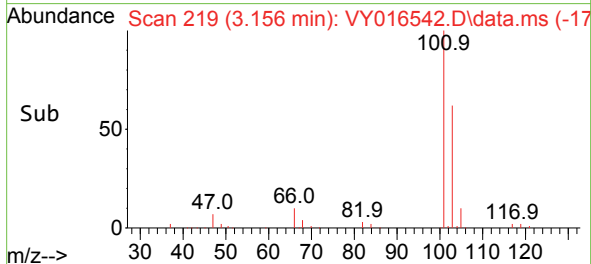
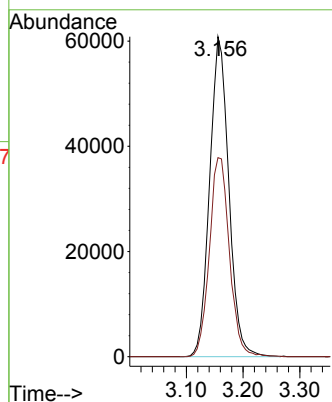
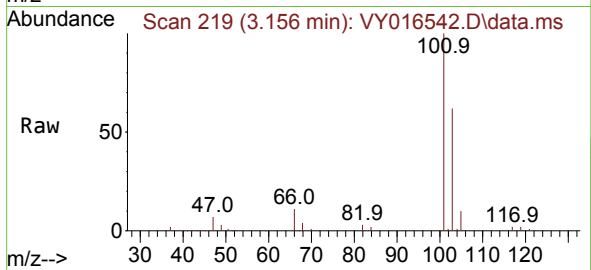




#7
 Trichlorofluoromethane
 Concen: 47.714 ug/l
 RT: 3.156 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY016542.D
 Acq: 30 Nov 2023 08:28

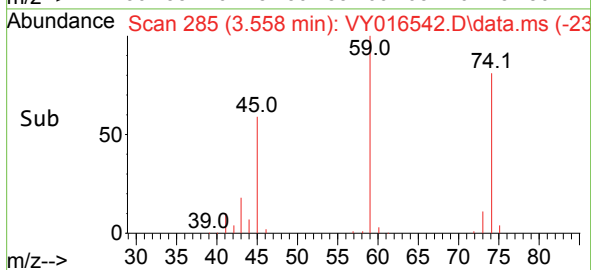
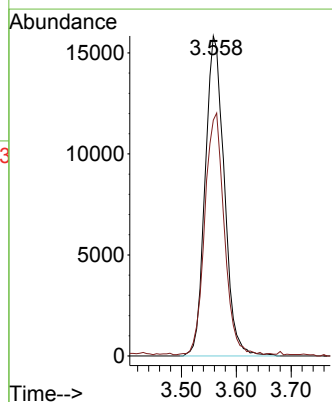
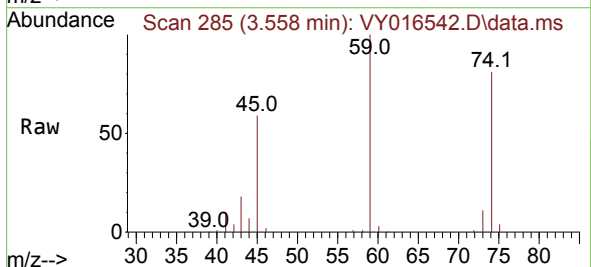
Instrument :
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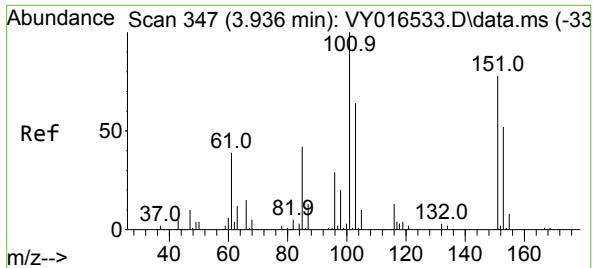
Tgt Ion:101 Resp: 142795
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 48.131 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY016542.D
 Acq: 30 Nov 2023 08:28

Tgt Ion: 74 Resp: 38258
 Ion Ratio Lower Upper
 74 100
 45 76.9 51.5 154.5

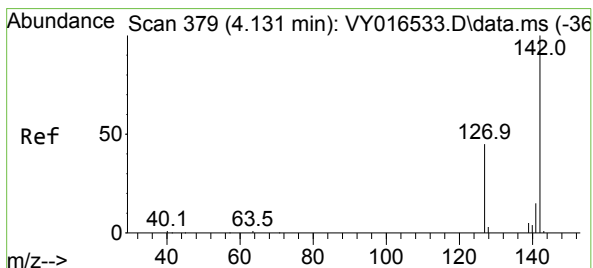
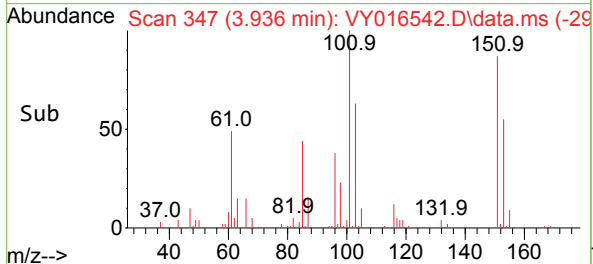
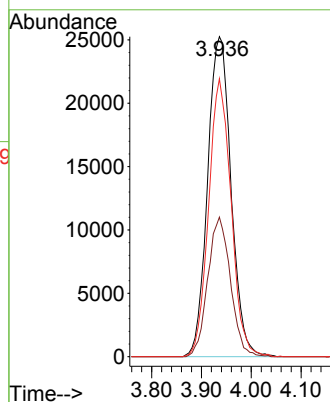
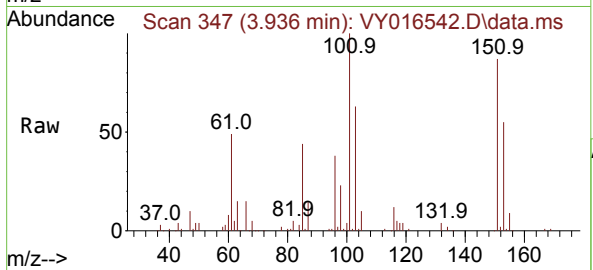




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.601 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY016542.D
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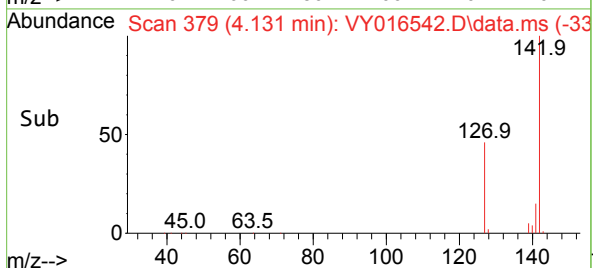
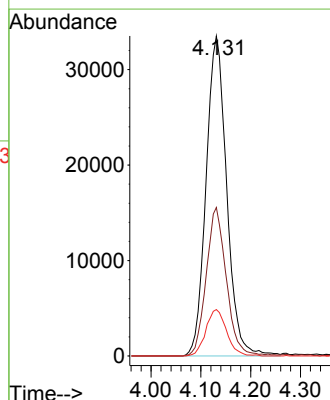
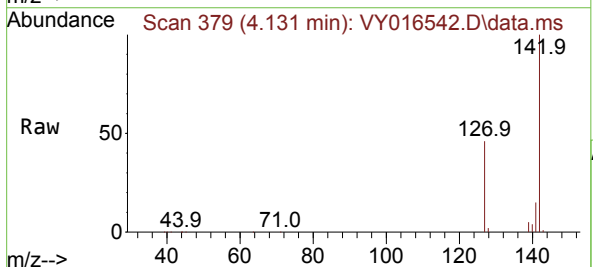
Instrument :
MSVOA_Y
ClientSampleId :

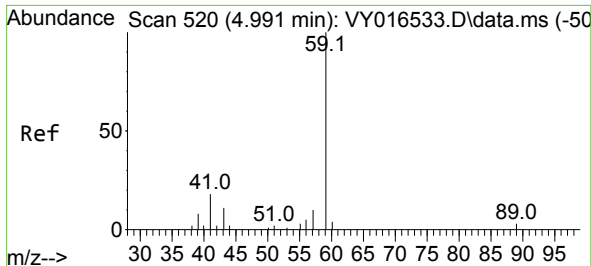
Tgt Ion:101 Resp: 82565
Ion Ratio Lower Upper
101 100
85 42.2 36.6 55.0
151 83.2 67.0 100.6



#10
Methyl Iodide
Concen: 50.142 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

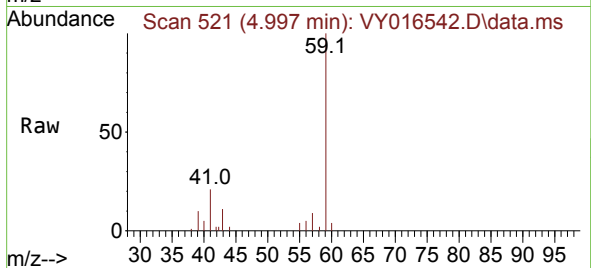
Tgt Ion:142 Resp: 96372
Ion Ratio Lower Upper
142 100
127 45.3 37.6 56.4
141 14.6 11.8 17.8



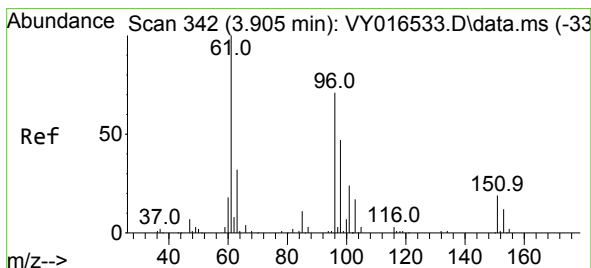
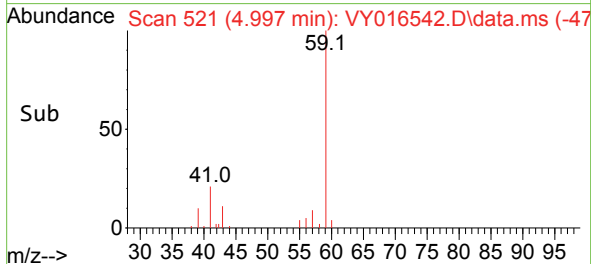
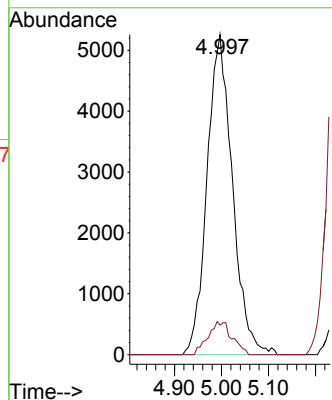


#11
Tert butyl alcohol
Concen: 223.400 ug/l
RT: 4.997 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Instrument :
MSVOA_Y
ClientSampleId :

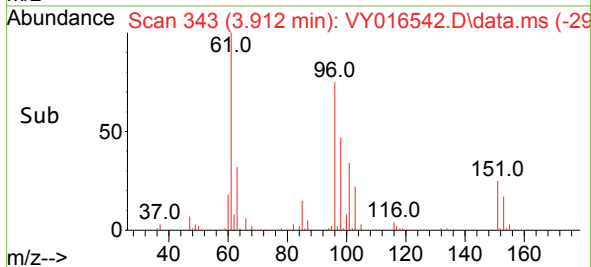
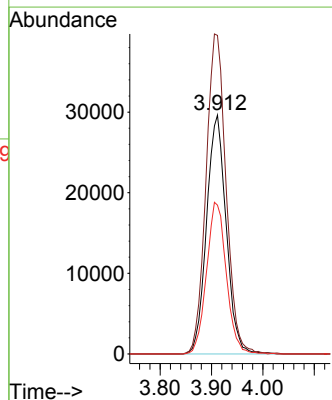
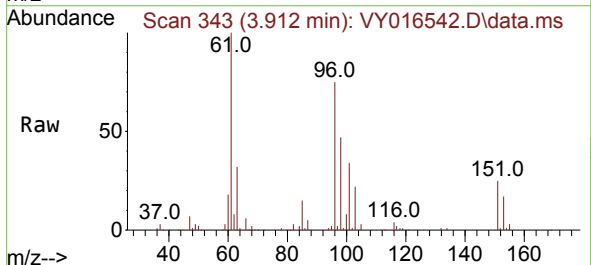


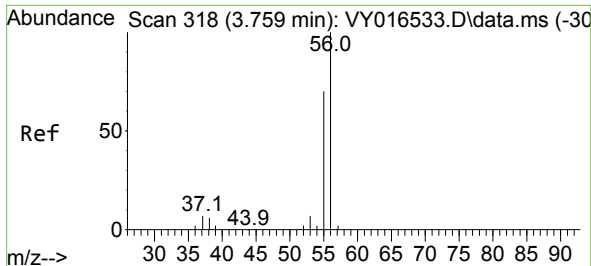
Tgt Ion: 59 Resp: 19717
Ion Ratio Lower Upper
59 100
57 9.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 49.514 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 96 Resp: 78614
Ion Ratio Lower Upper
96 100
61 133.3 136.4 204.6#
98 62.3 49.4 74.2





#13

Acrolein

Concen: 251.385 ug/l

RT: 3.759 min Scan# 318

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

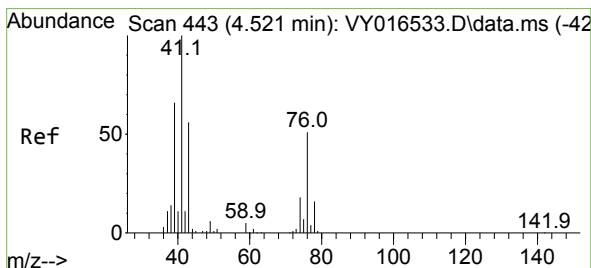
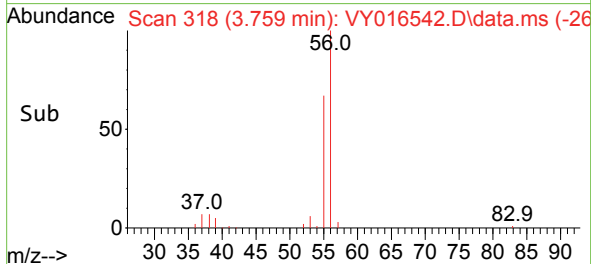
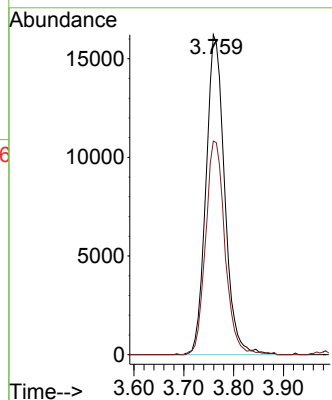
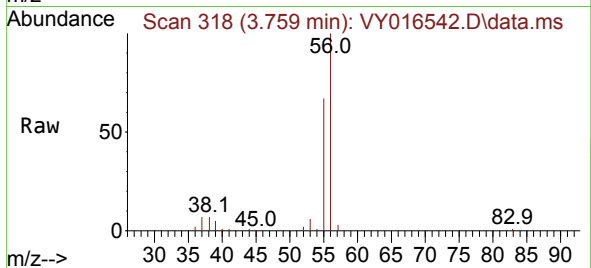
ClientSampleId :

Tgt Ion: 56 Resp: 42042

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 48.480 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

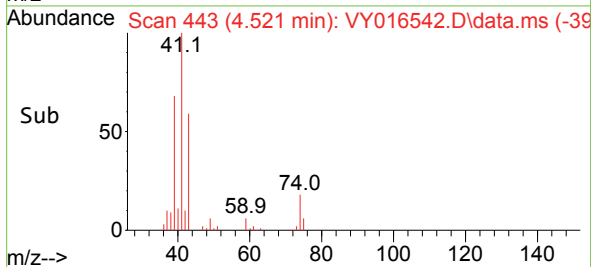
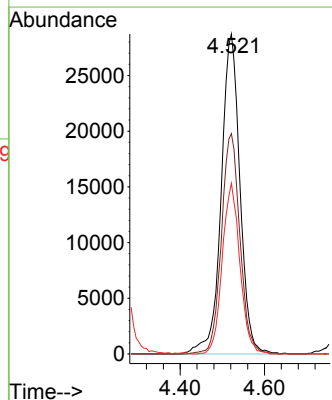
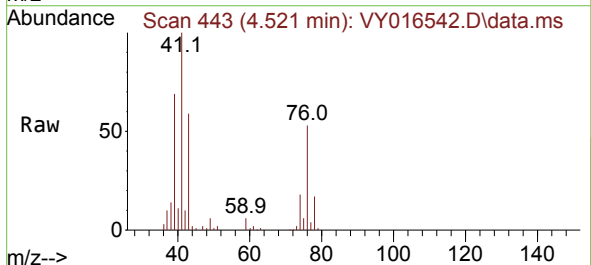
Tgt Ion: 41 Resp: 88488

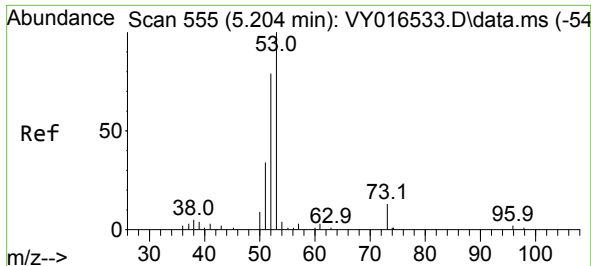
Ion Ratio Lower Upper

41 100

39 67.9 58.0 87.0

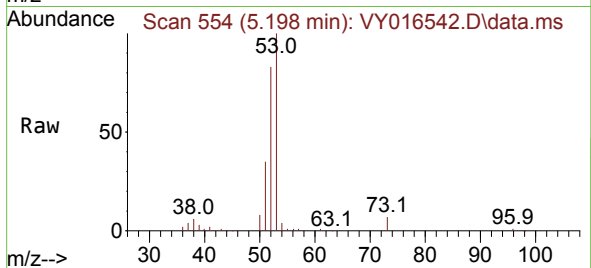
76 50.1 27.4 41.2#



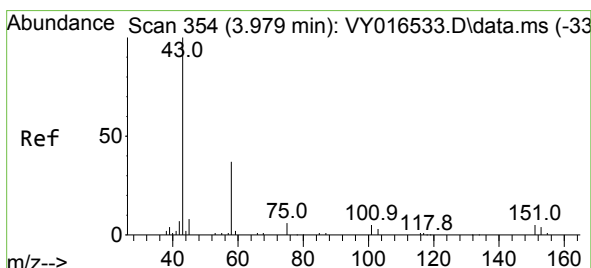
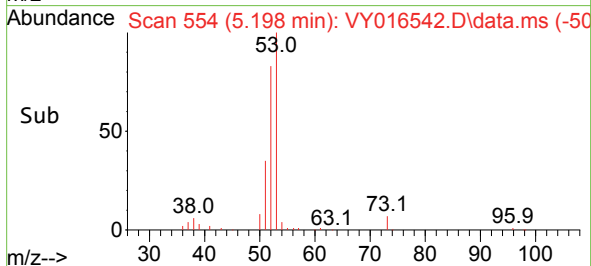
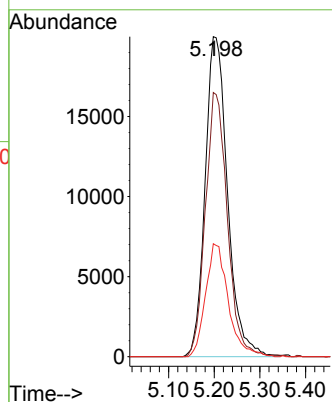


#15
Acrylonitrile
Concen: 242.487 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Instrument :
MSVOA_Y
ClientSampleId :

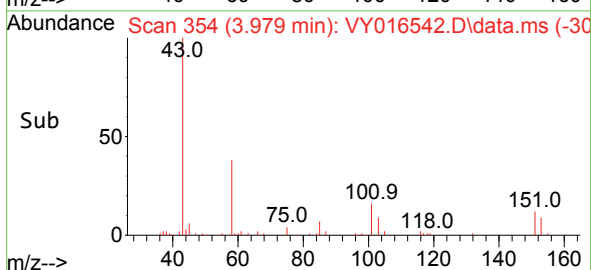
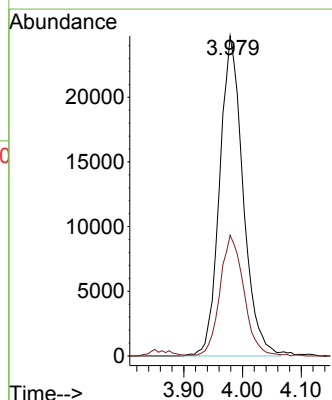
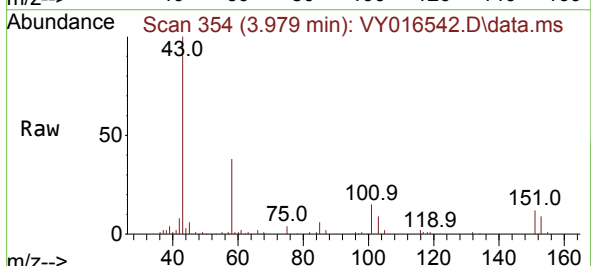


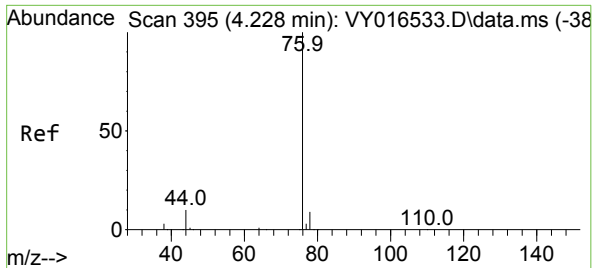
Tgt Ion: 53 Resp: 68206
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 254.992 ug/l
RT: 3.979 min Scan# 354
Delta R.T. -0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 43 Resp: 68570
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 48.892 ug/l

RT: 4.235 min Scan# 395

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

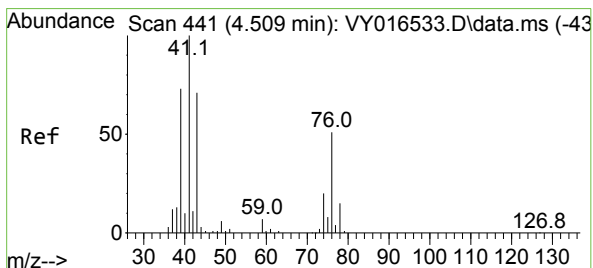
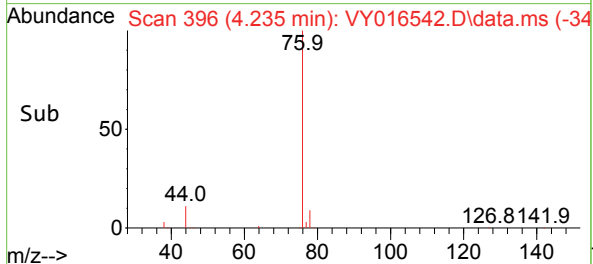
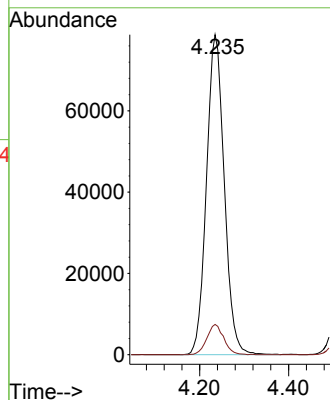
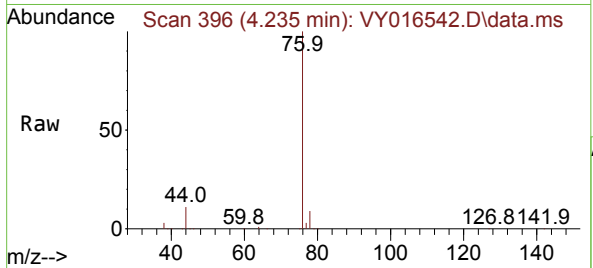
ClientSampleId :

Tgt Ion: 76 Resp: 219005

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 50.615 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.012 min

Lab File: VY016542.D

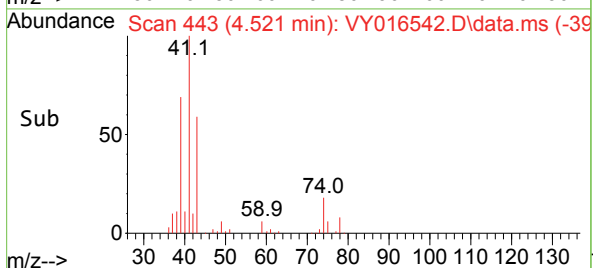
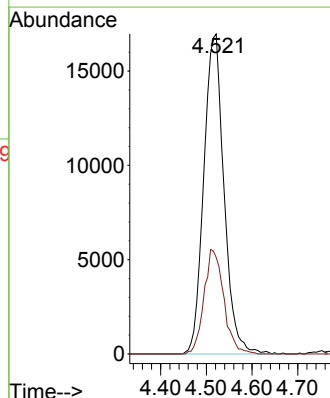
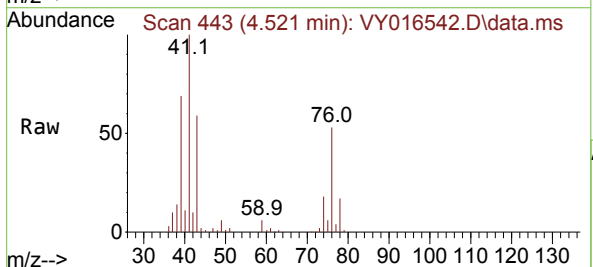
Acq: 30 Nov 2023 08:28

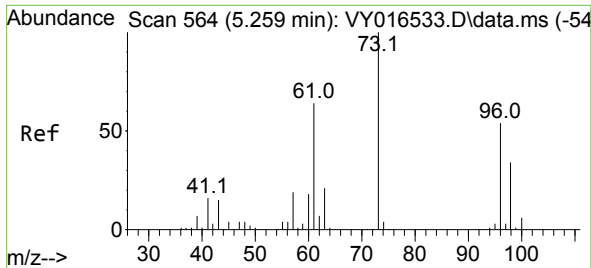
Tgt Ion: 43 Resp: 52172

Ion Ratio Lower Upper

43 100

74 31.9 17.4 26.0#

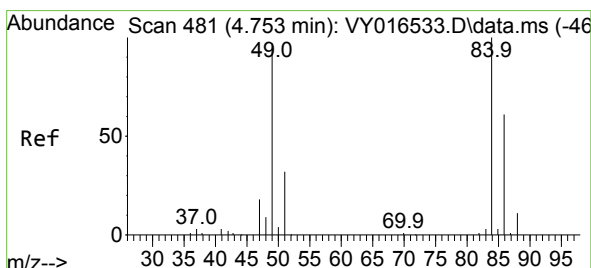
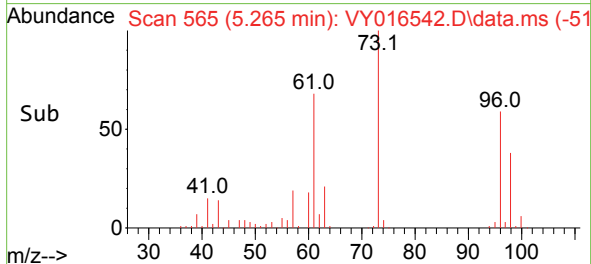
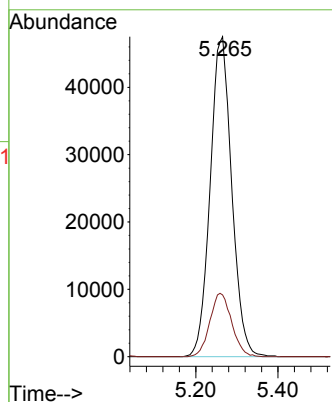
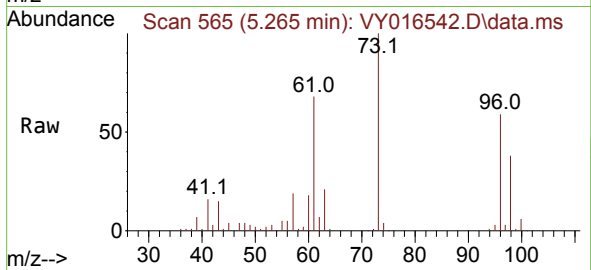




#19
Methyl tert-butyl Ether
Concen: 49.960 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

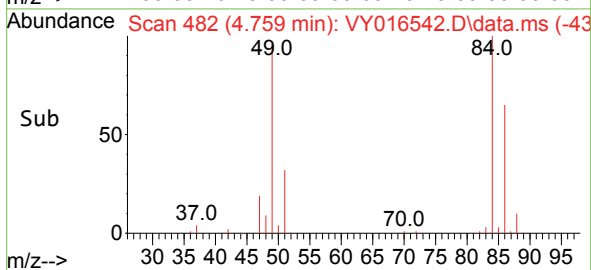
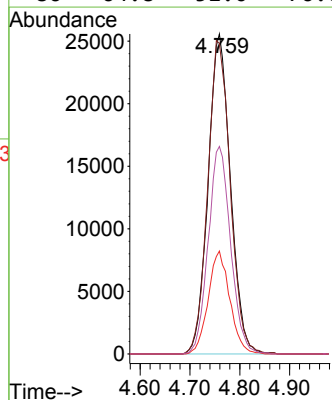
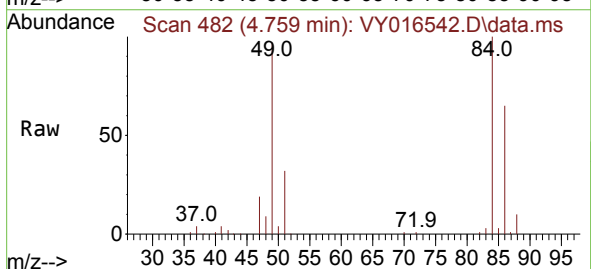
Instrument :
MSVOA_Y
ClientSampleId :

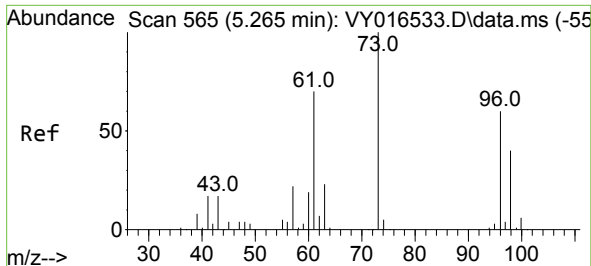
Tgt Ion: 73 Resp: 172859
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9



#20
Methylene Chloride
Concen: 48.746 ug/l
RT: 4.759 min Scan# 482
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 84 Resp: 79486
Ion Ratio Lower Upper
84 100
49 97.1 106.9 160.3#
51 32.1 33.2 49.8#
86 64.8 51.0 76.6

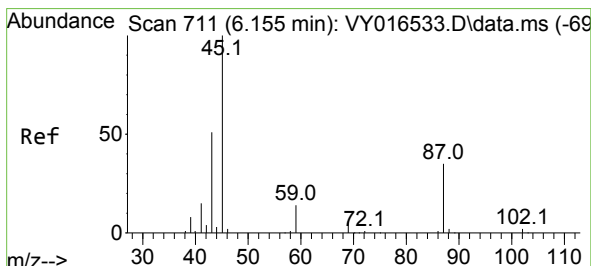
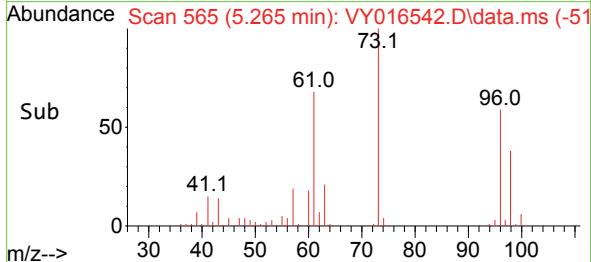
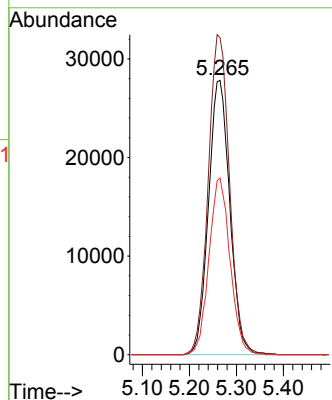
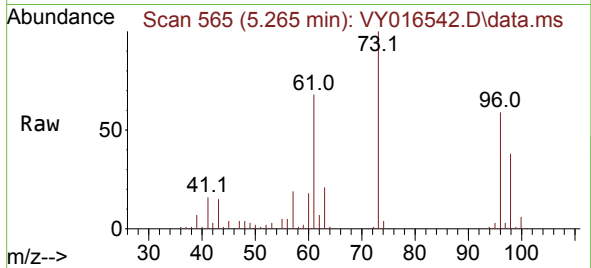




#21
trans-1,2-Dichloroethene
Concen: 49.524 ug/l
RT: 5.265 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

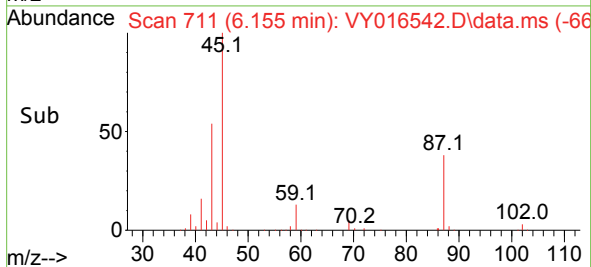
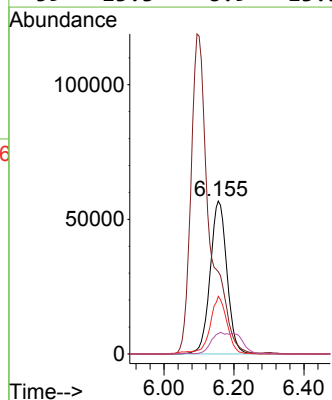
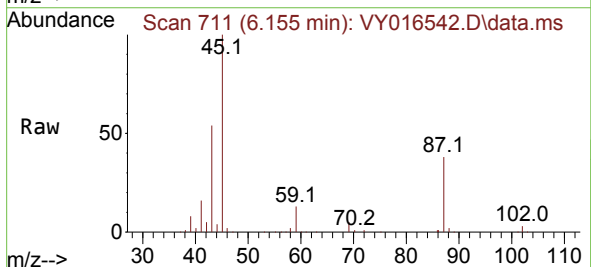
Instrument :
MSVOA_Y
ClientSampleId :

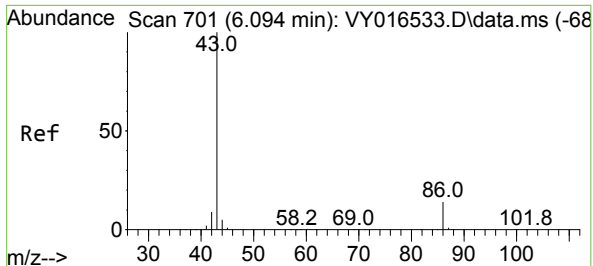
Tgt Ion: 96 Resp: 87576
Ion Ratio Lower Upper
96 100
61 115.6 110.2 165.4
98 64.4 51.8 77.6



#22
Diisopropyl ether
Concen: 49.416 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 45 Resp: 189126
Ion Ratio Lower Upper
45 100
43 53.5 52.2 78.4
87 37.6 21.0 31.6#
59 13.3 8.9 13.3

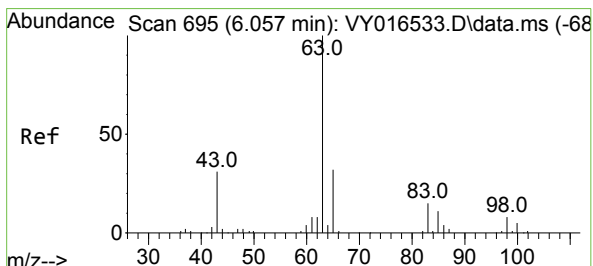
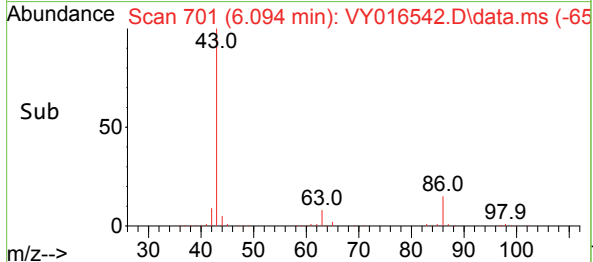
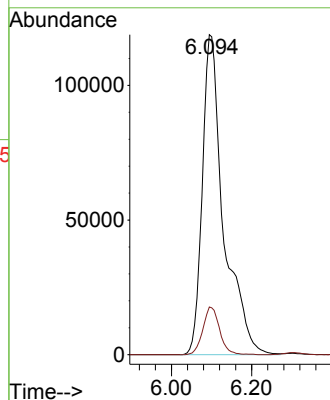
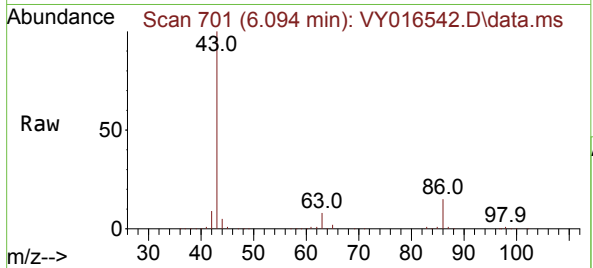




#23
 Vinyl Acetate
 Concen: 248.269 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.000 min
 Lab File: VY016542.D
 Acq: 30 Nov 2023 08:28

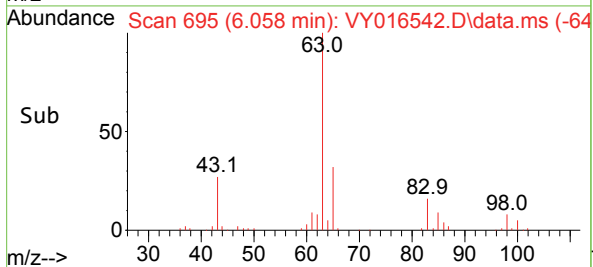
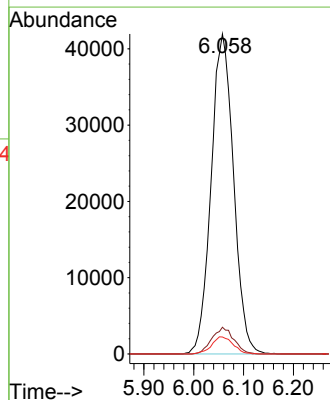
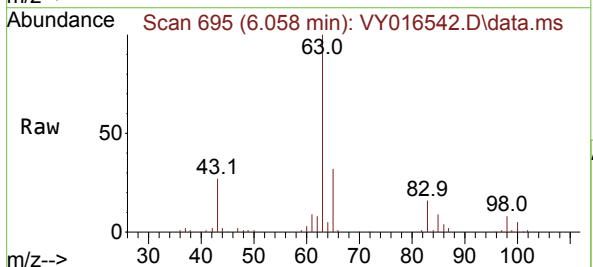
Instrument :
 MSVOA_Y
 ClientSampleId :

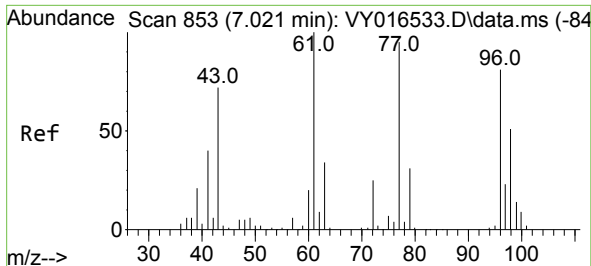
Tgt Ion: 43 Resp: 438182
 Ion Ratio Lower Upper
 43 100
 86 14.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.506 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016542.D
 Acq: 30 Nov 2023 08:28

Tgt Ion: 63 Resp: 131014
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.1 9.4
 100 5.3 1.8 5.5

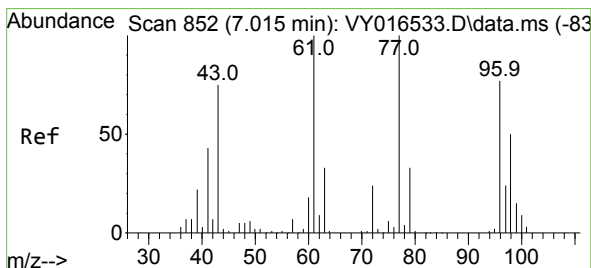
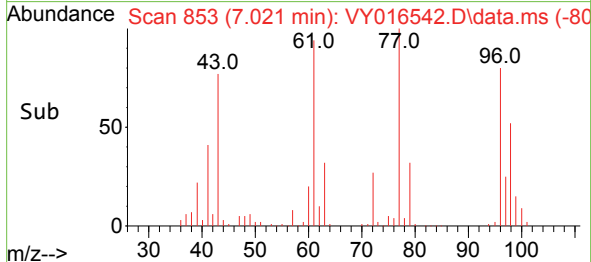
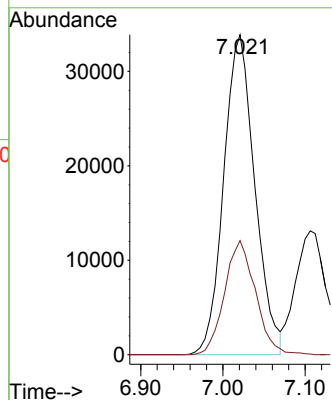
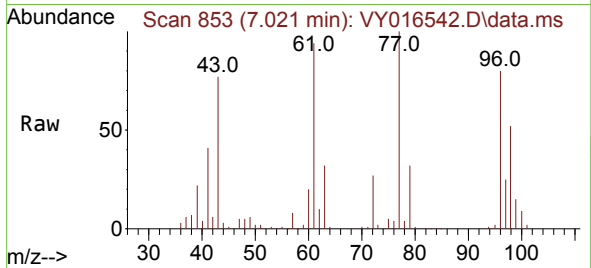




#25
2-Butanone
Concen: 237.451 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

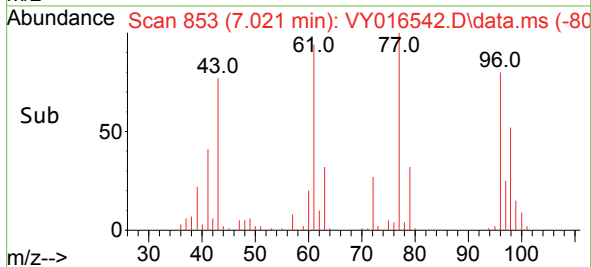
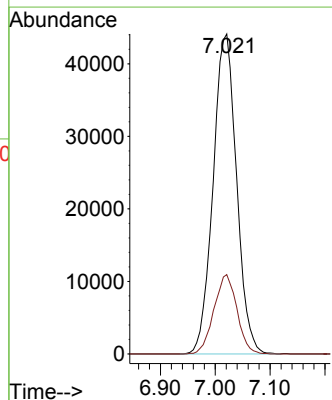
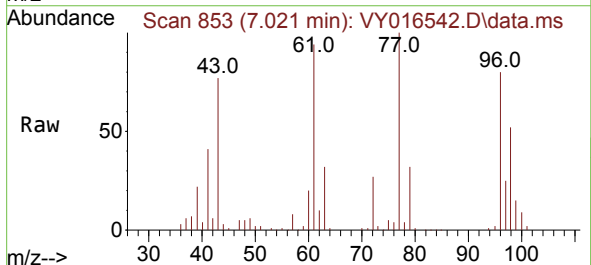
Instrument :
MSVOA_Y
ClientSampleId :

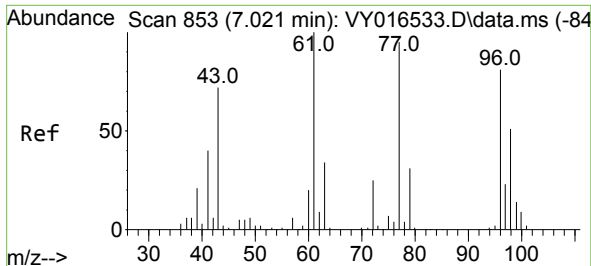
Tgt Ion: 43 Resp: 89211
Ion Ratio Lower Upper
43 100
72 35.6 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 49.153 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 77 Resp: 131216
Ion Ratio Lower Upper
77 100
97 24.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.816 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

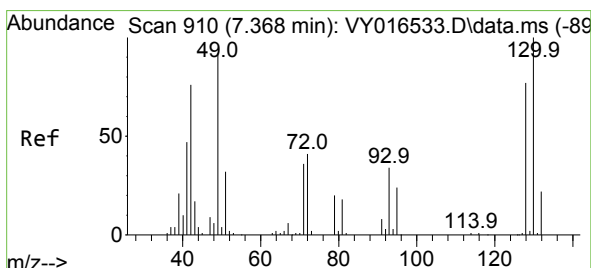
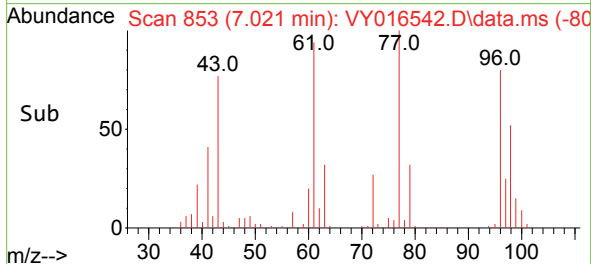
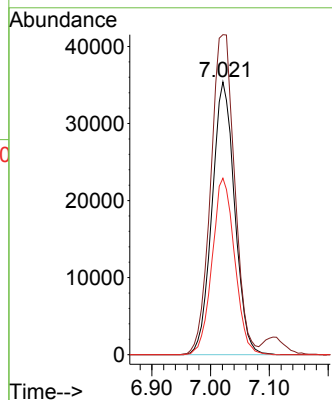
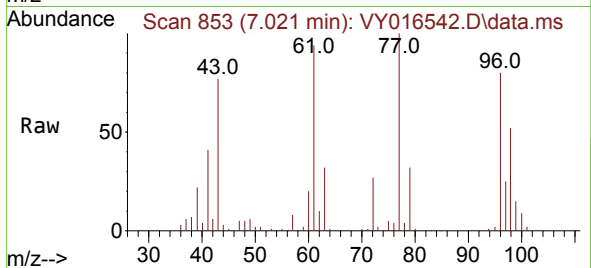
Tgt Ion: 96 Resp: 94642

Ion Ratio Lower Upper

96 100

61 124.6 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 50.477 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

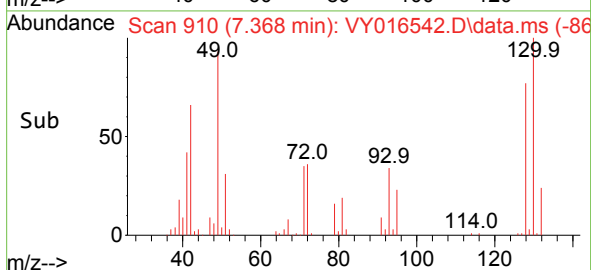
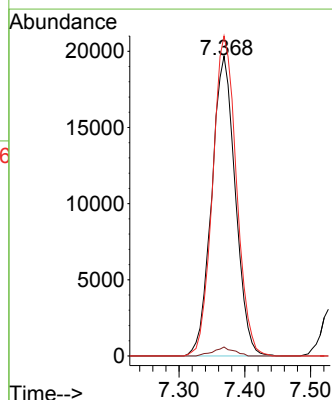
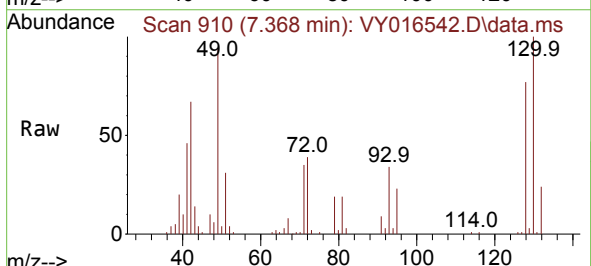
Tgt Ion: 49 Resp: 49274

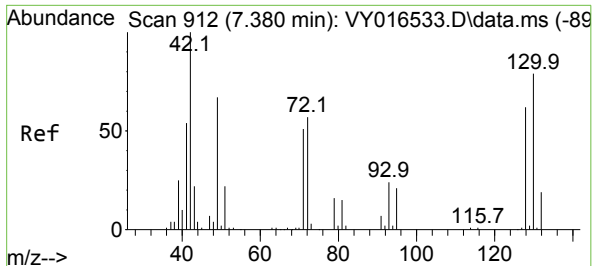
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 107.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 247.209 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

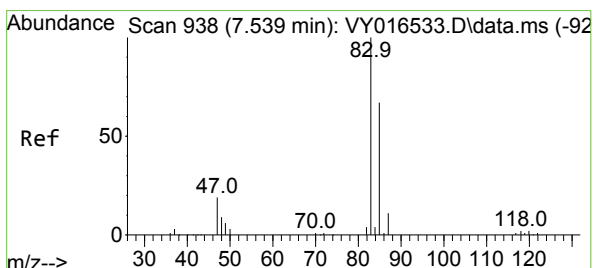
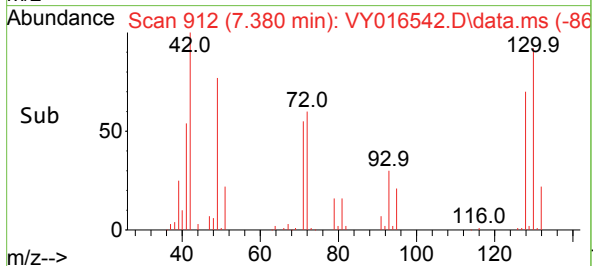
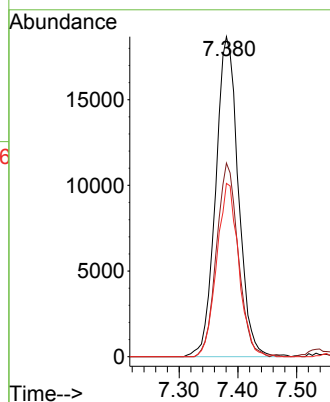
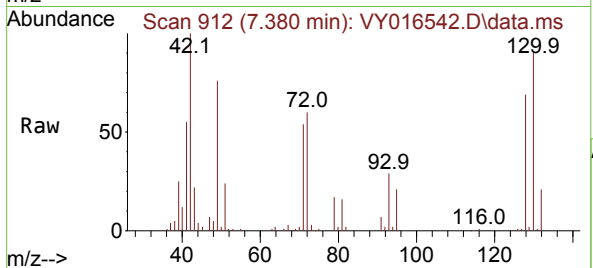
Tgt Ion: 42 Resp: 49895

Ion Ratio Lower Upper

42 100

72 58.3 32.8 49.2#

71 53.0 31.0 46.4#



#30

Chloroform

Concen: 48.967 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.000 min

Lab File: VY016542.D

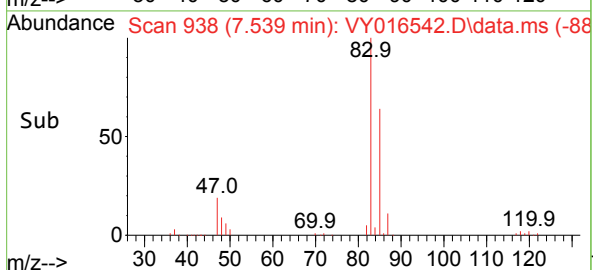
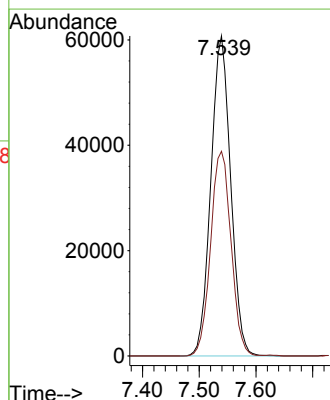
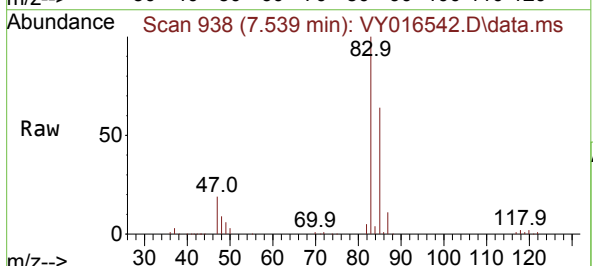
Acq: 30 Nov 2023 08:28

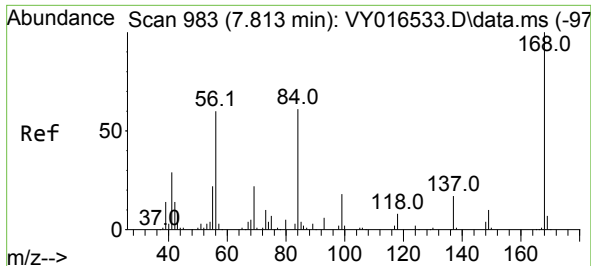
Tgt Ion: 83 Resp: 147415

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

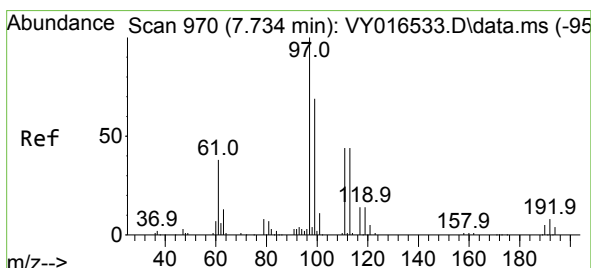
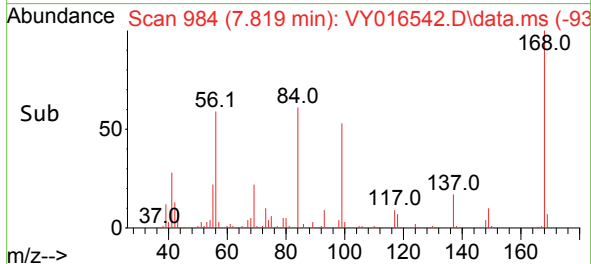
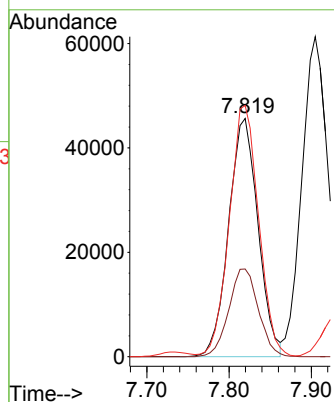
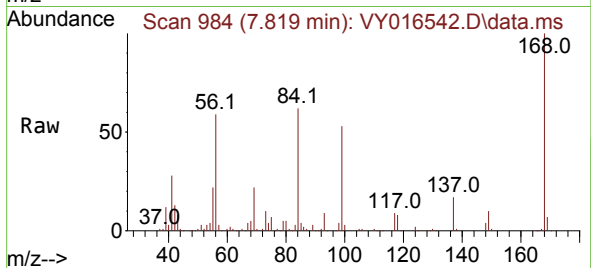




#31
Cyclohexane
Concen: 46.505 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

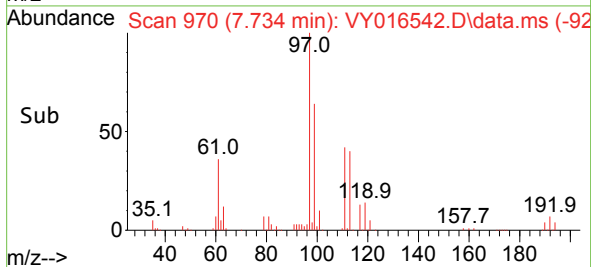
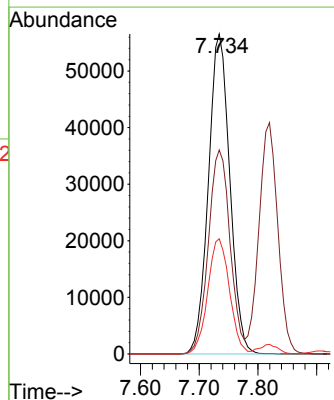
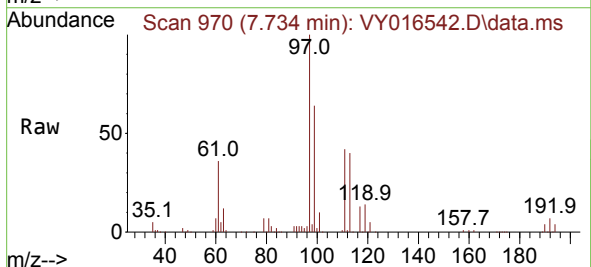
Instrument :
MSVOA_Y
ClientSampleId :

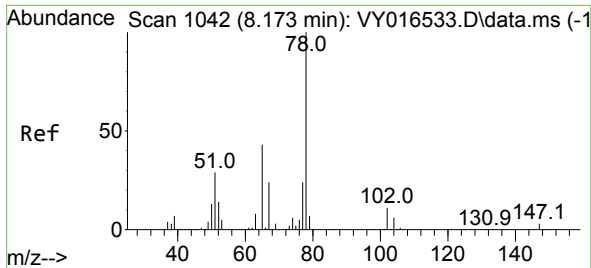
Tgt Ion: 56 Resp: 113690
Ion Ratio Lower Upper
56 100
69 36.8 27.8 41.6
84 103.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 49.056 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 97 Resp: 143111
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 36.5 35.1 52.7

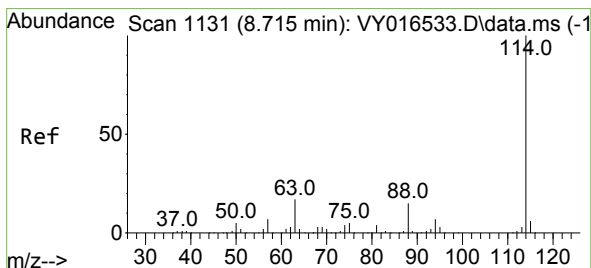
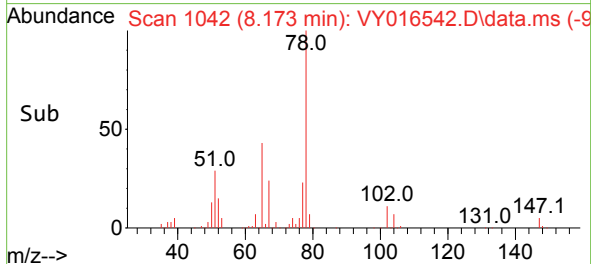
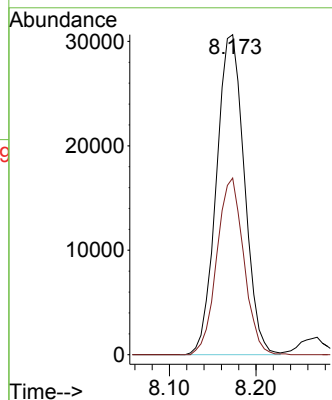
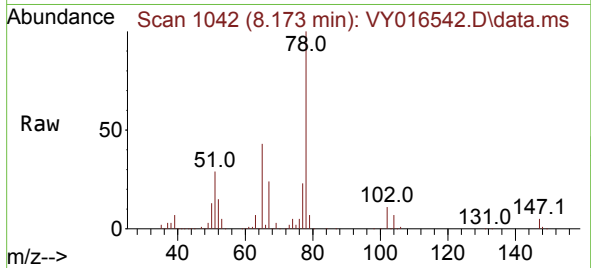




#33
1,2-Dichloroethane-d4
Concen: 49.412 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

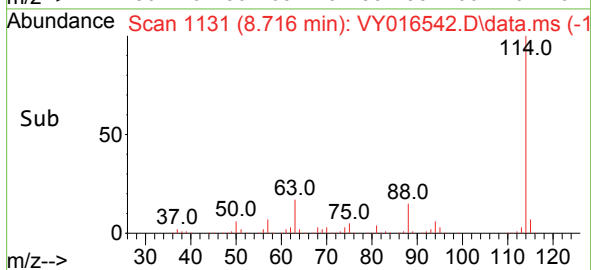
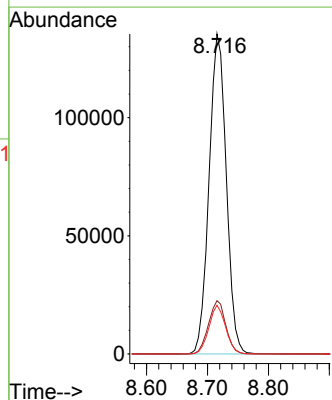
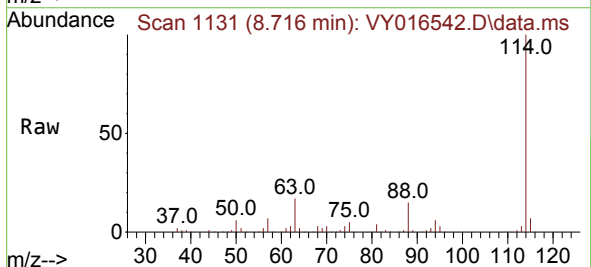
Instrument :
MSVOA_Y
ClientSampleId :

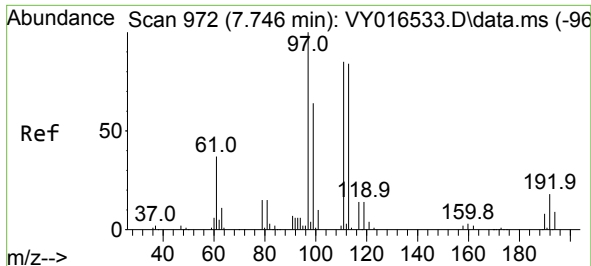
Tgt Ion: 65 Resp: 68806
Ion Ratio Lower Upper
65 100
67 53.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.716 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

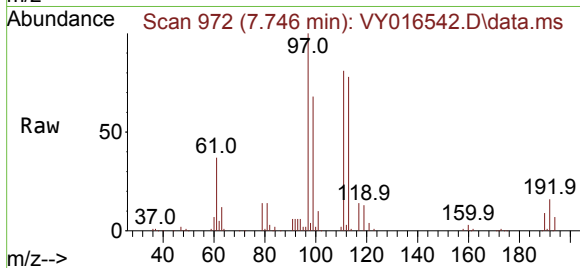
Tgt Ion: 114 Resp: 265756
Ion Ratio Lower Upper
114 100
63 16.7 0.0 42.4
88 15.2 0.0 30.6



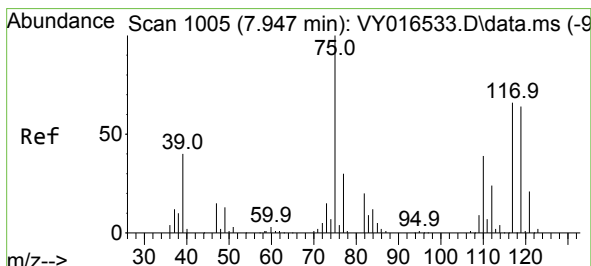
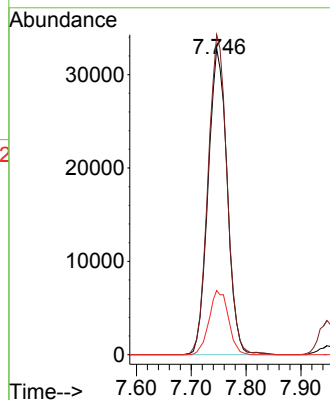
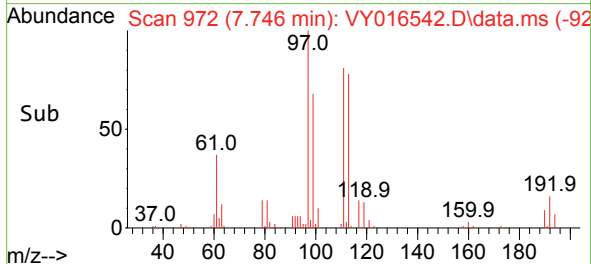


#35
Dibromofluoromethane
Concen: 50.568 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Instrument :
MSVOA_Y
ClientSampleId :

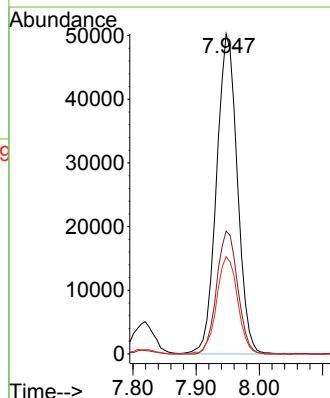
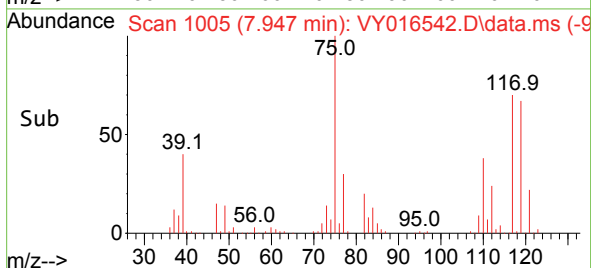
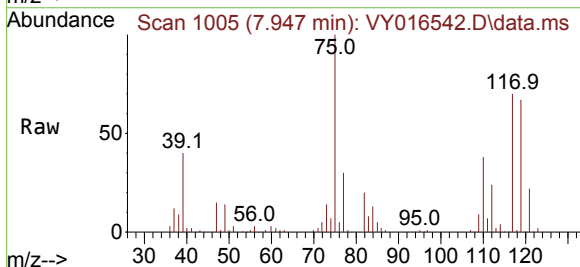


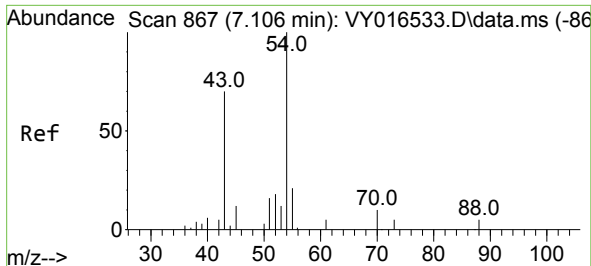
Tgt Ion:113 Resp: 78874
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 21.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 49.763 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 75 Resp: 114619
Ion Ratio Lower Upper
75 100
110 38.7 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 49.306 ug/l

RT: 7.106 min Scan# 867

Delta R.T. 0.000 min

Lab File: VY016542.D

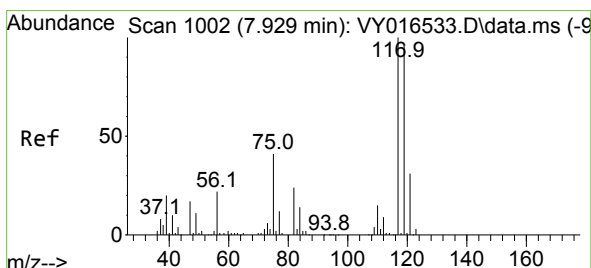
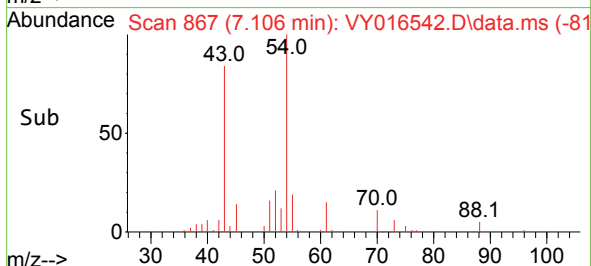
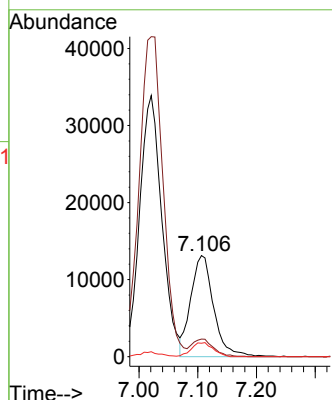
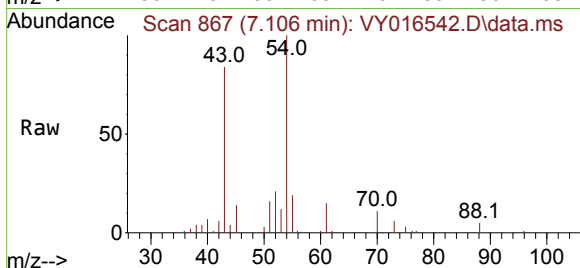
Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	35594
Ion	Ratio	Lower	Upper
43	100		
61	16.2	10.1	15.1#
70	13.3	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 49.871 ug/l

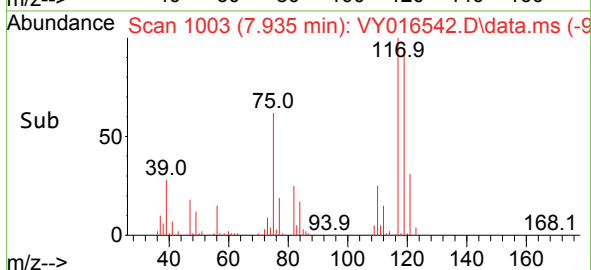
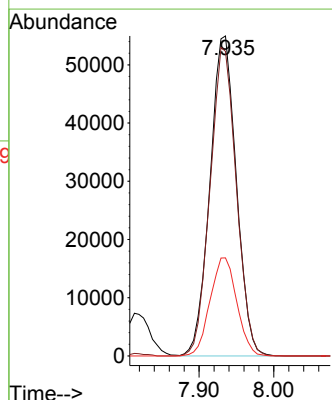
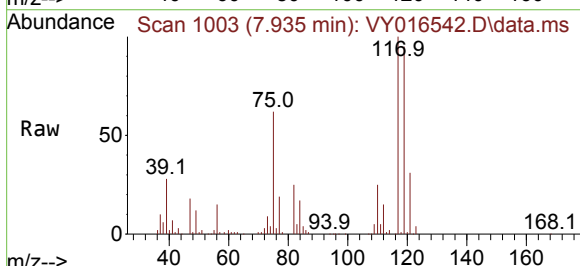
RT: 7.935 min Scan# 1003

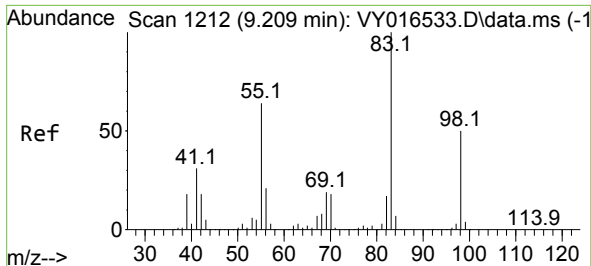
Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Tgt Ion:	117	Resp:	134819
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.4	114.6
121	30.7	25.8	38.6





#39

Methylcyclohexane

Concen: 50.750 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

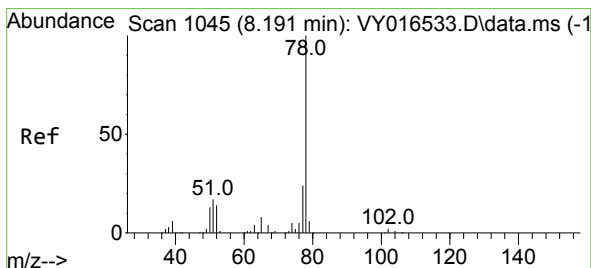
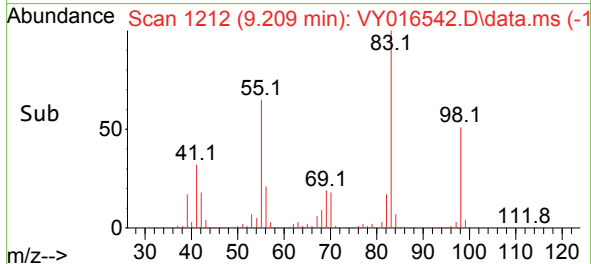
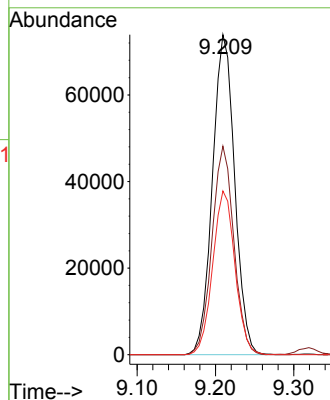
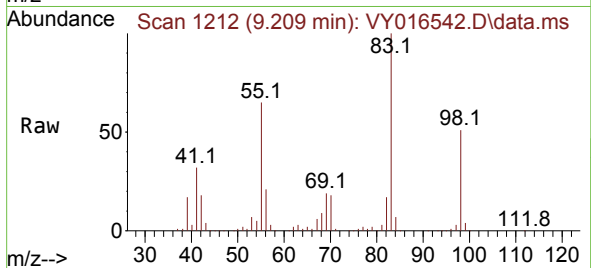
Tgt Ion: 83 Resp: 145799

Ion Ratio Lower Upper

83 100

55 65.1 63.0 94.4

98 51.2 37.4 56.2



#40

Benzene

Concen: 49.629 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY016542.D

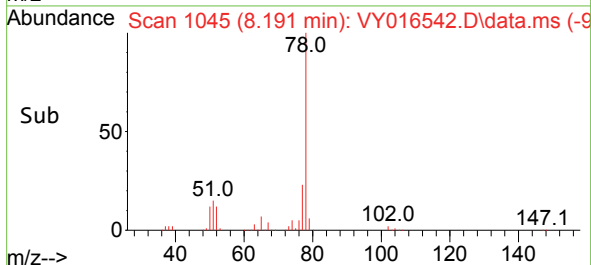
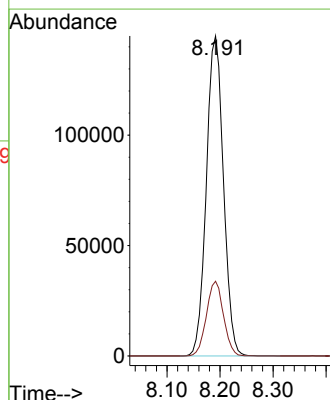
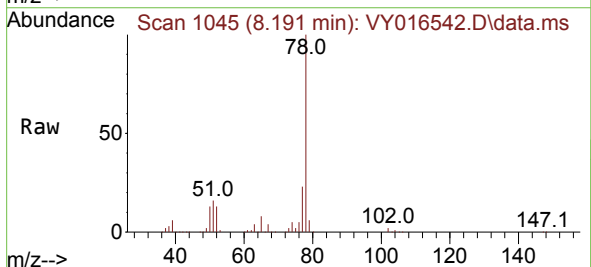
Acq: 30 Nov 2023 08:28

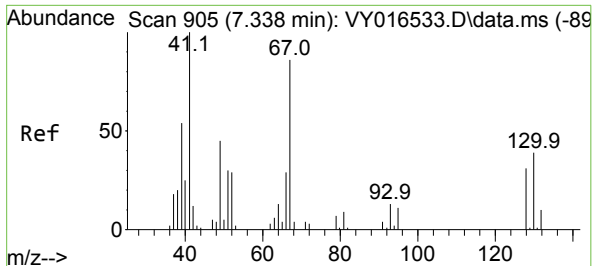
Tgt Ion: 78 Resp: 324104

Ion Ratio Lower Upper

78 100

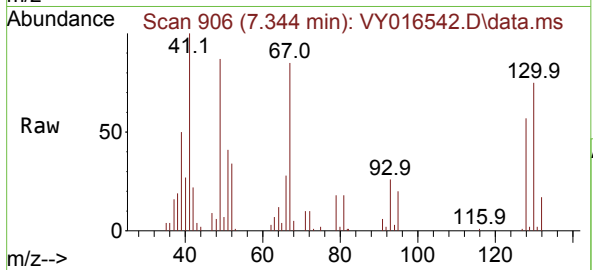
77 23.3 19.0 28.6



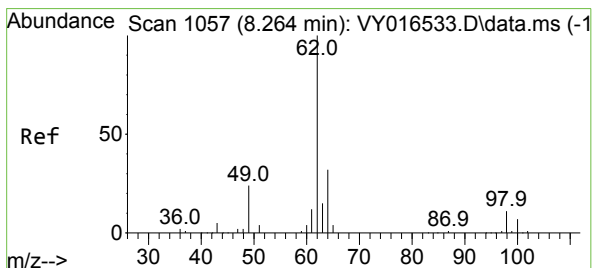
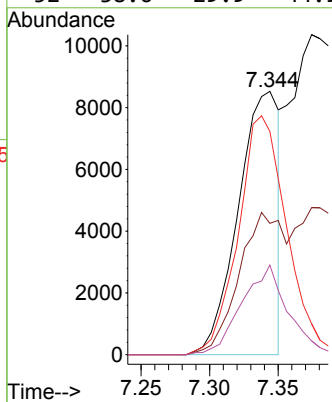
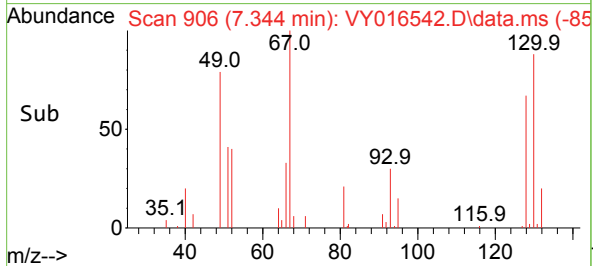


#41
Methacrylonitrile
Concen: 46.708 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Instrument :
MSVOA_Y
ClientSampleId :

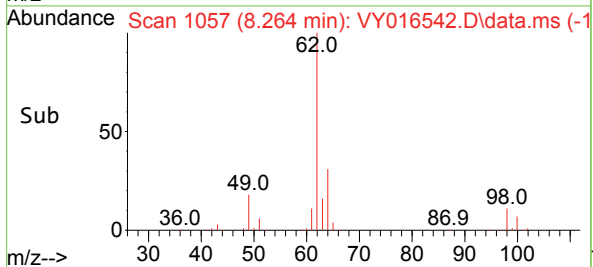
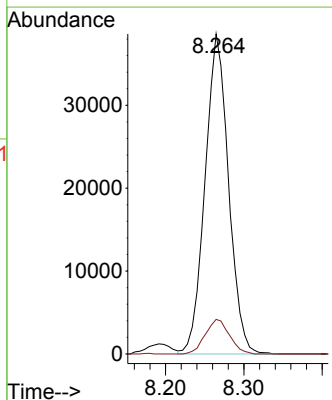
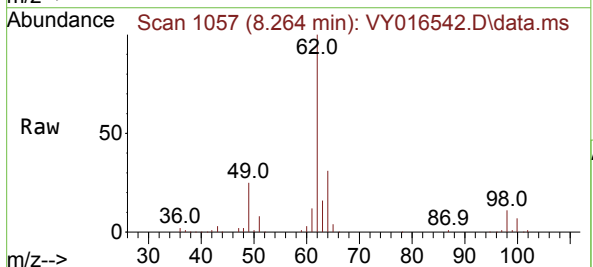


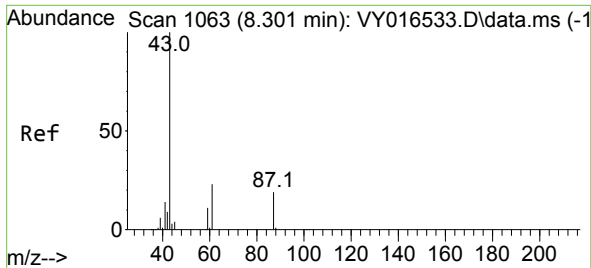
Tgt Ion: 41 Resp: 17762
Ion Ratio Lower Upper
41 100
39 59.9 52.1 78.1
67 107.8 66.2 99.2#
52 38.6 29.9 44.9



#42
1,2-Dichloroethane
Concen: 49.731 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 62 Resp: 80481
Ion Ratio Lower Upper
62 100
98 11.1 0.0 15.8

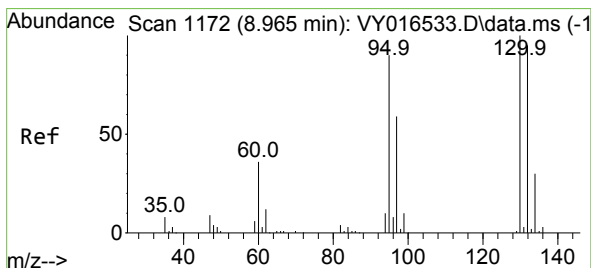
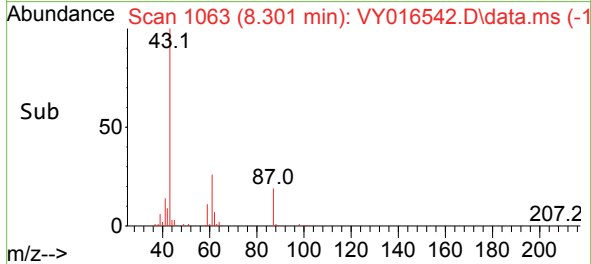
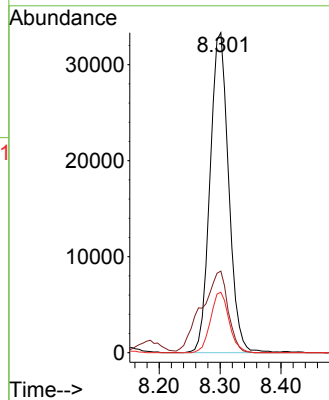
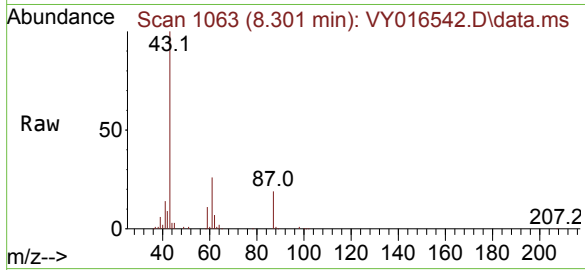




#43
Isopropyl Acetate
Concen: 49.790 ug/l
RT: 8.301 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

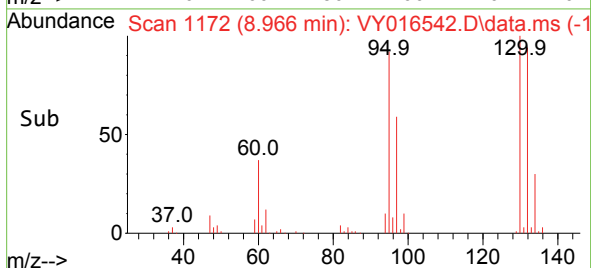
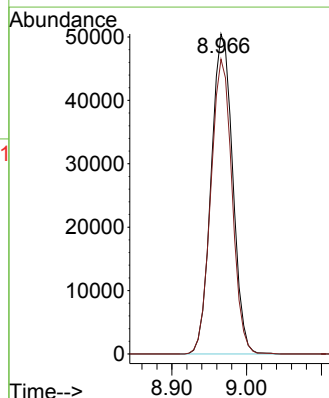
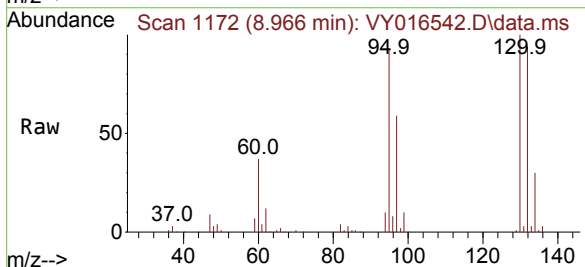
Instrument :
MSVOA_Y
ClientSampleId :

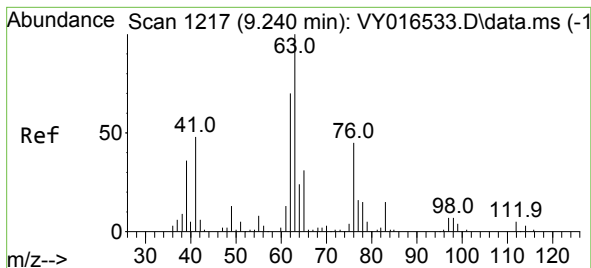
Tgt Ion: 43 Resp: 70679
Ion Ratio Lower Upper
43 100
61 36.3 21.1 31.7#
87 18.8 9.8 14.8#



#44
Trichloroethene
Concen: 50.256 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion:130 Resp: 101091
Ion Ratio Lower Upper
130 100
95 92.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.225 ug/l

RT: 9.240 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

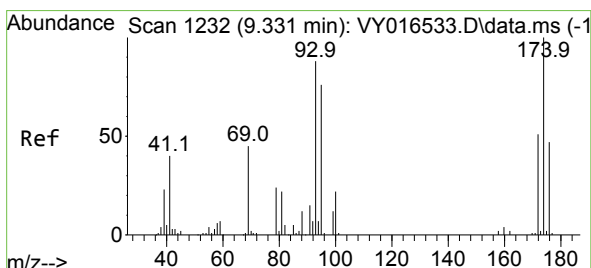
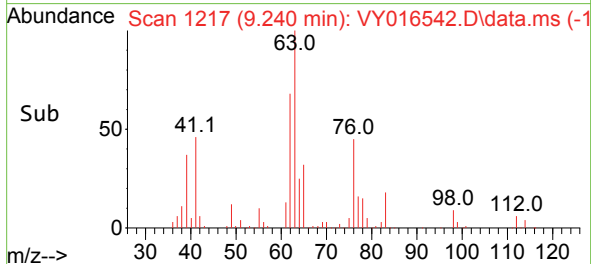
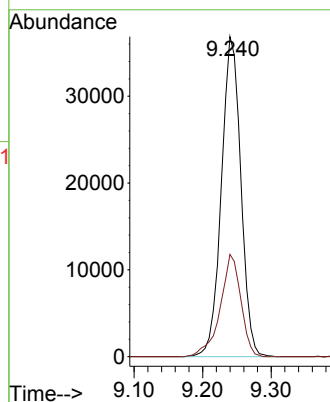
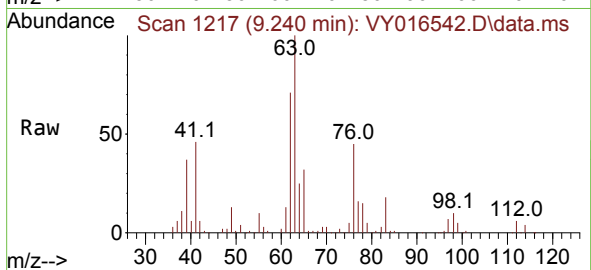
ClientSampleId :

Tgt Ion: 63 Resp: 72538

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6



#46

Dibromomethane

Concen: 51.078 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

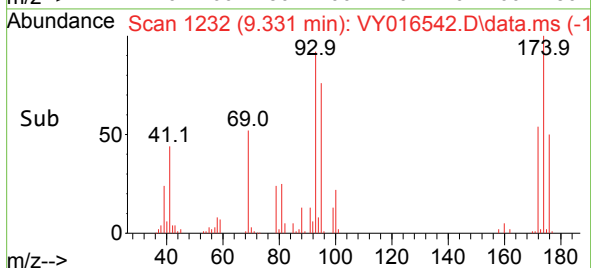
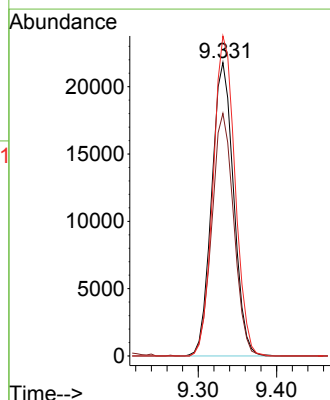
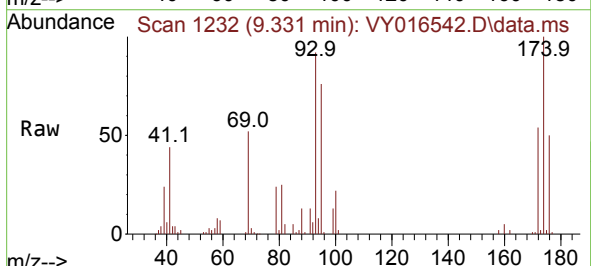
Tgt Ion: 93 Resp: 42324

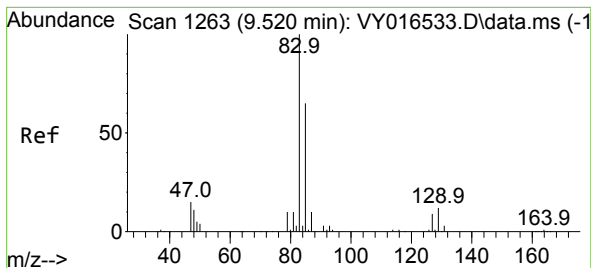
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 109.2 84.8 127.2





#47

Bromodichloromethane

Concen: 50.301 ug/l

RT: 9.520 min Scan# 11

Delta R.T. 0.000 min

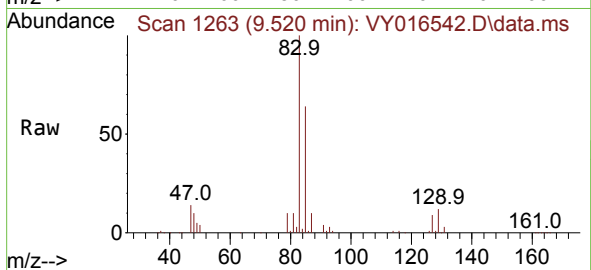
Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :



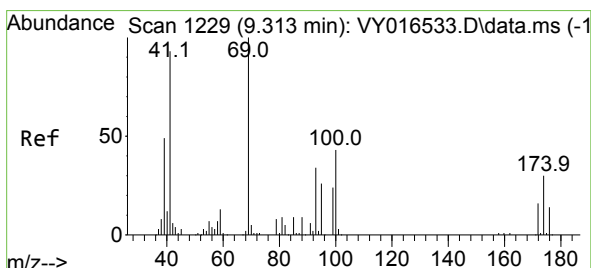
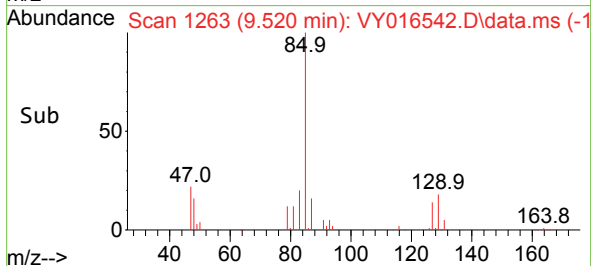
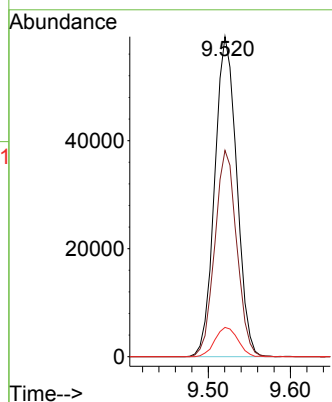
Tgt Ion: 83 Resp: 110044

Ion Ratio Lower Upper

83 100

85 64.5 50.1 75.1

127 9.2 7.1 10.7



#48

Methyl methacrylate

Concen: 50.092 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

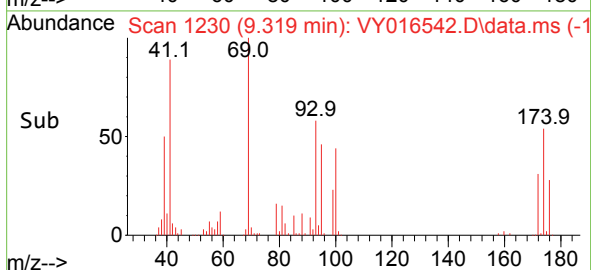
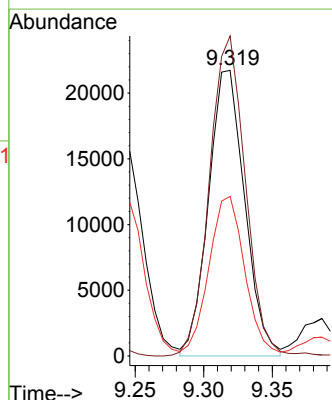
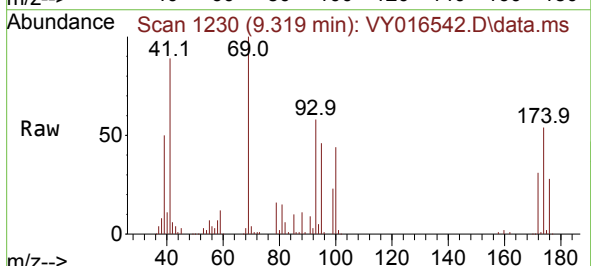
Tgt Ion: 41 Resp: 39921

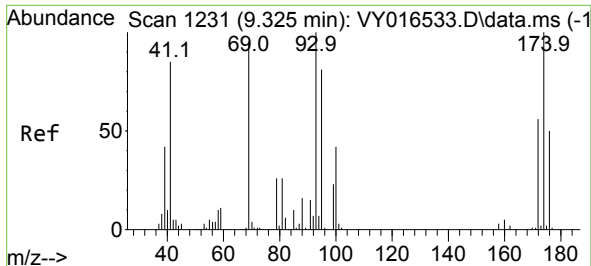
Ion Ratio Lower Upper

41 100

69 111.0 64.5 96.7#

39 53.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1046.177 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

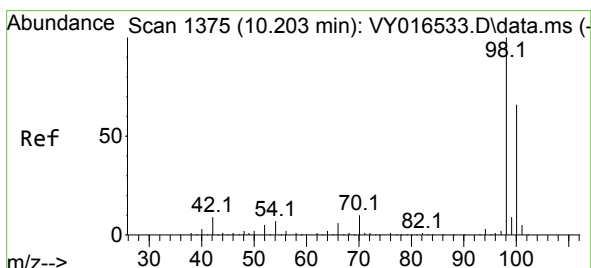
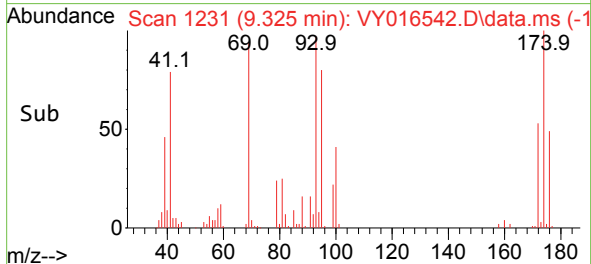
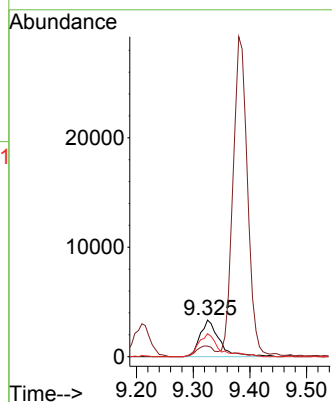
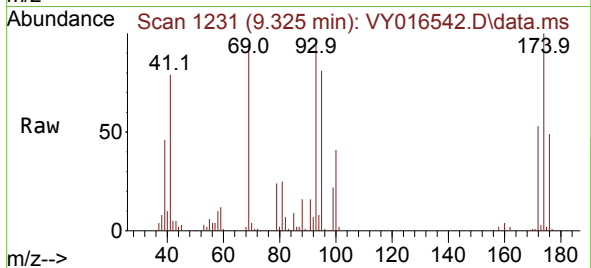
Tgt Ion: 88 Resp: 8035

Ion Ratio Lower Upper

88 100

43 26.4 0.0 0.0#

58 65.1 30.9 46.3#



#50

Toluene-d8

Concen: 51.110 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY016542.D

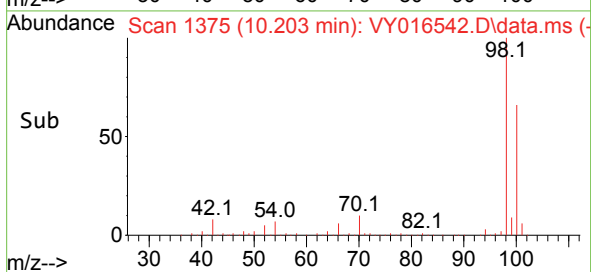
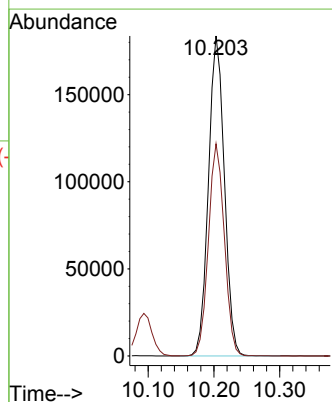
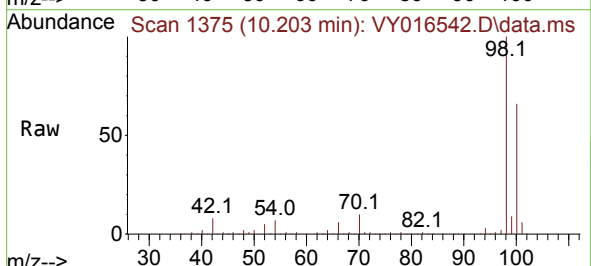
Acq: 30 Nov 2023 08:28

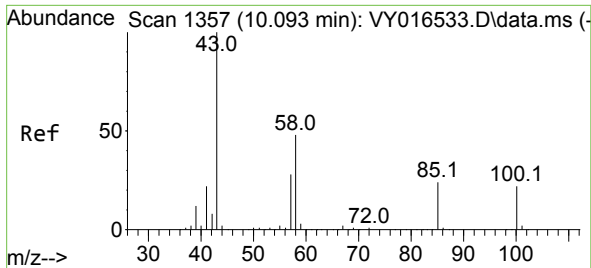
Tgt Ion: 98 Resp: 309192

Ion Ratio Lower Upper

98 100

100 66.4 50.1 75.1

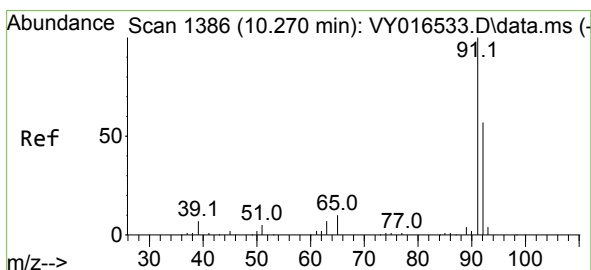
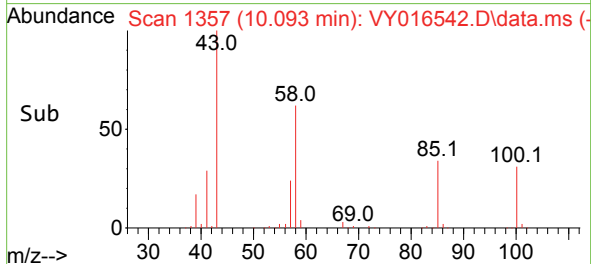
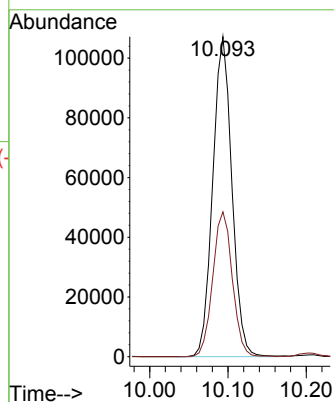
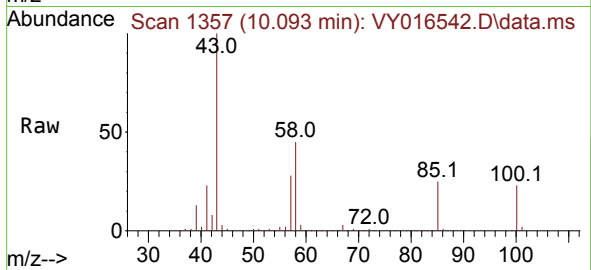




#51
4-Methyl-2-Pentanone
Concen: 245.664 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

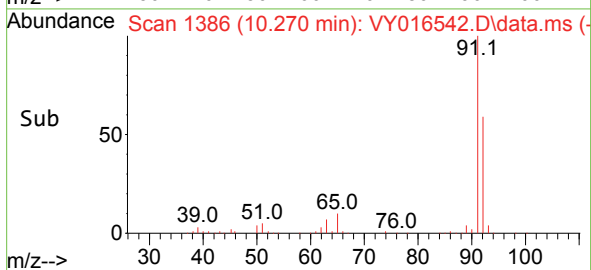
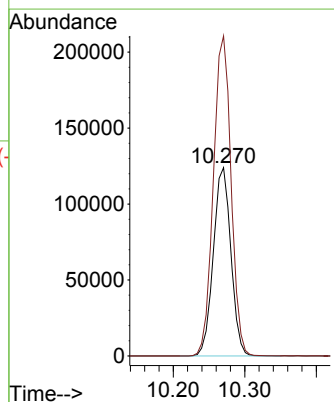
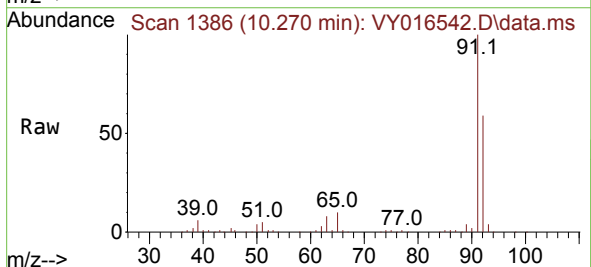
Instrument :
MSVOA_Y
ClientSampleId :

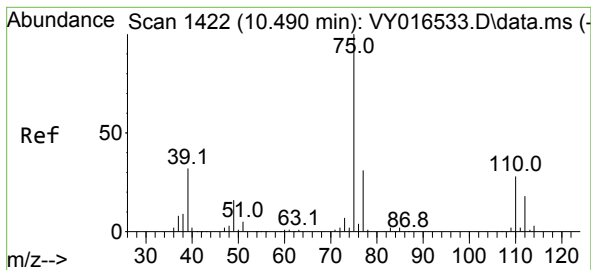
Tgt Ion: 43 Resp: 181927
Ion Ratio Lower Upper
43 100
58 46.3 29.0 43.6#



#52
Toluene
Concen: 50.351 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 92 Resp: 211231
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 50.832 ug/l

RT: 10.490 min Scan# 1422

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

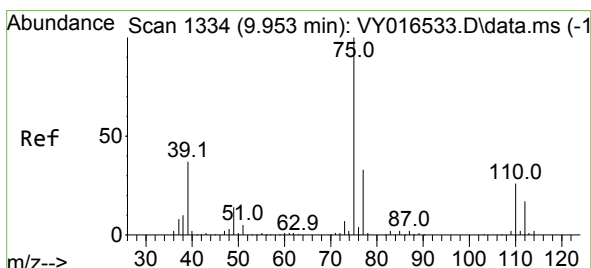
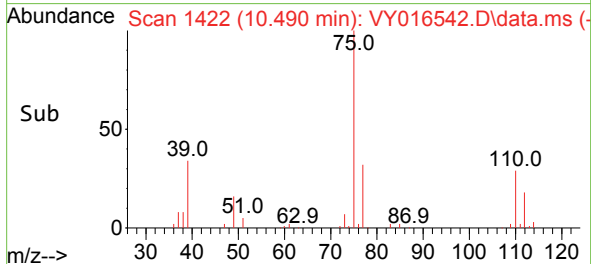
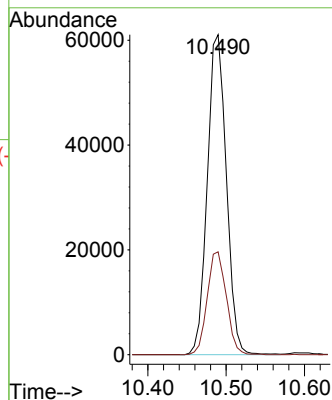
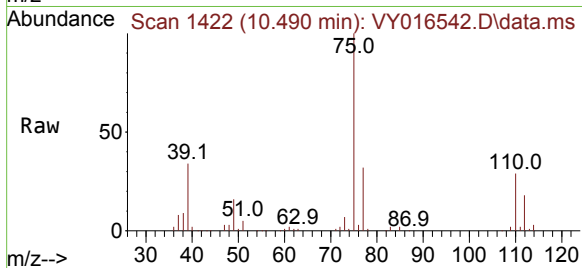
ClientSampleId :

Tgt Ion: 75 Resp: 103048

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 50.402 ug/l

RT: 9.953 min Scan# 1334

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

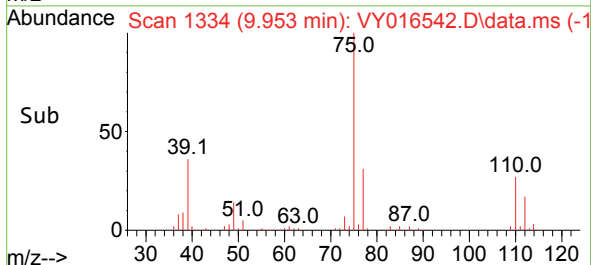
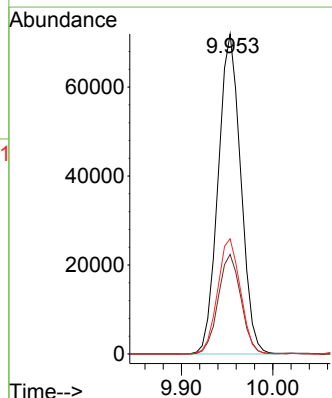
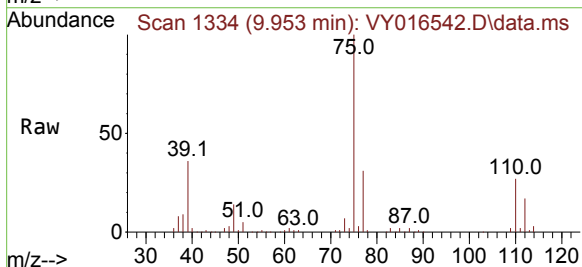
Tgt Ion: 75 Resp: 123816

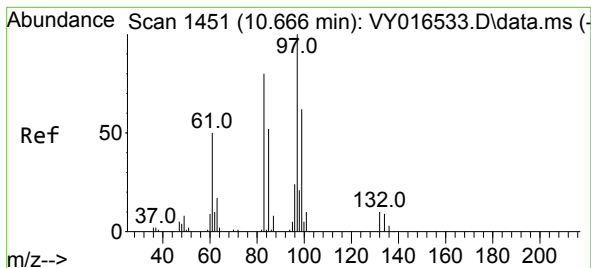
Ion Ratio Lower Upper

75 100

77 31.1 24.2 36.4

39 36.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 50.422 ug/l

RT: 10.666 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 60288

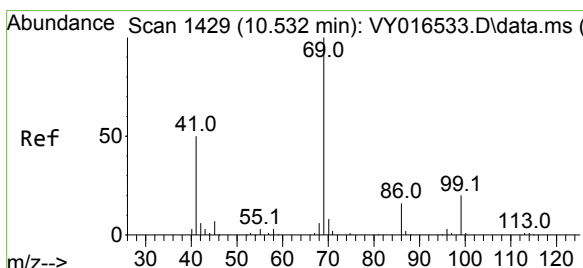
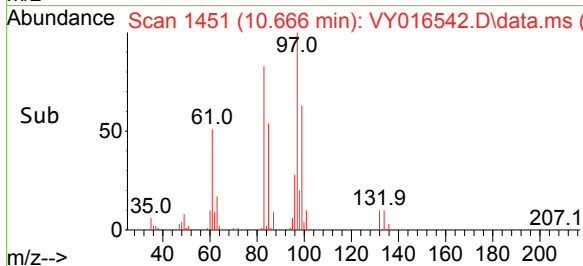
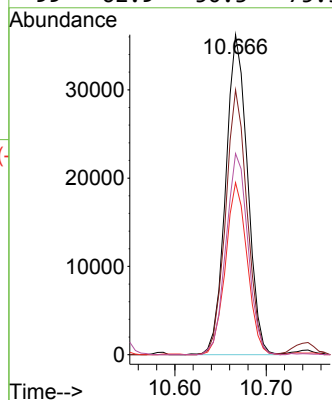
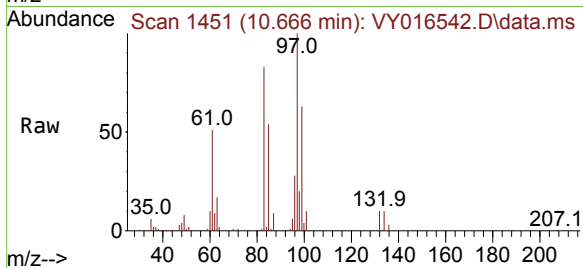
Ion Ratio Lower Upper

97 100

83 82.7 72.0 108.0

85 53.7 45.4 68.0

99 62.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.551 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

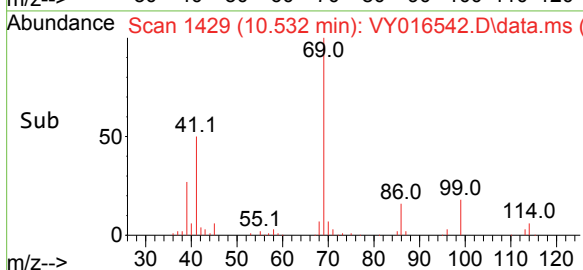
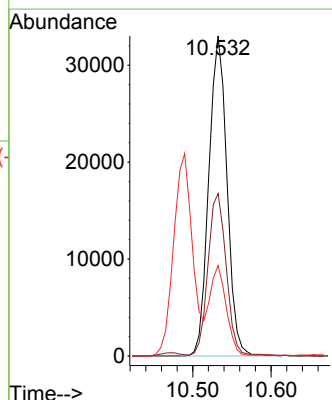
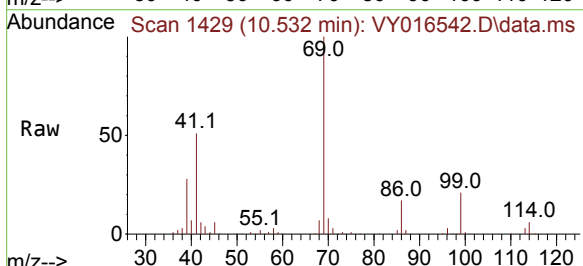
Tgt Ion: 69 Resp: 53174

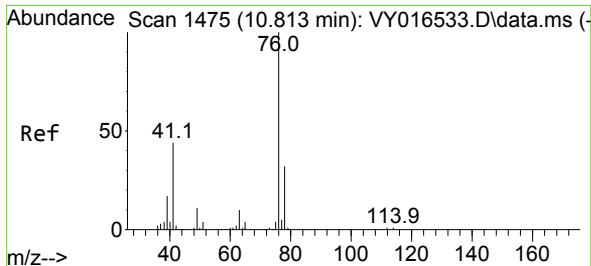
Ion Ratio Lower Upper

69 100

41 50.3 57.6 86.4#

39 25.0 34.1 51.1#

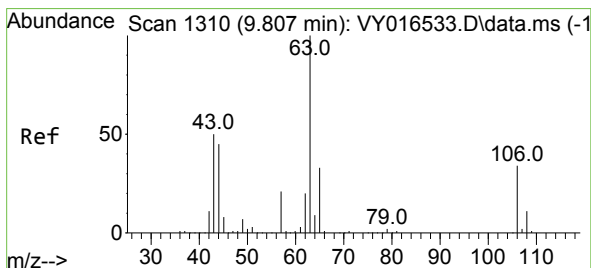
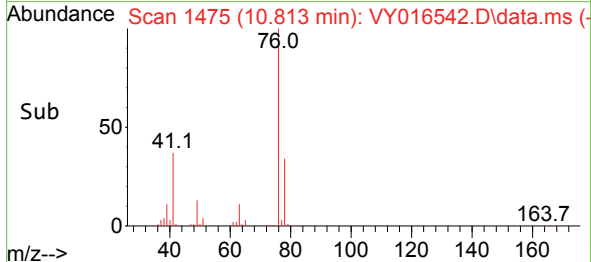
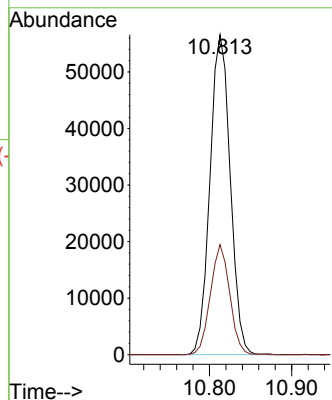
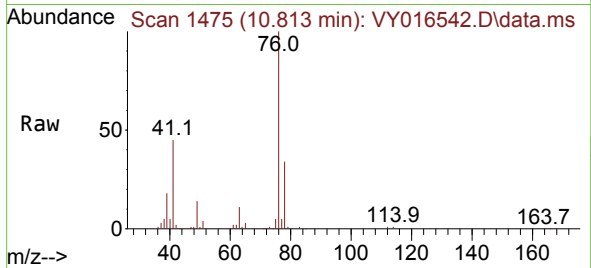




#57
1,3-Dichloropropane
Concen: 50.290 ug/l
RT: 10.813 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

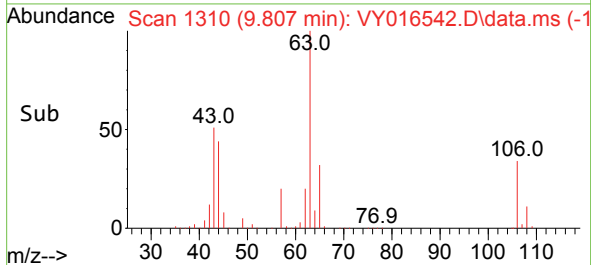
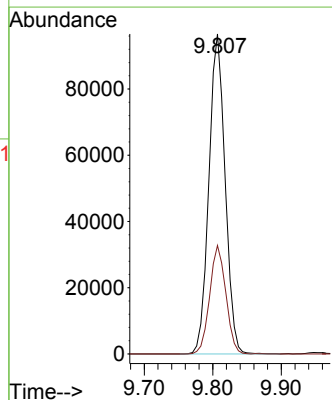
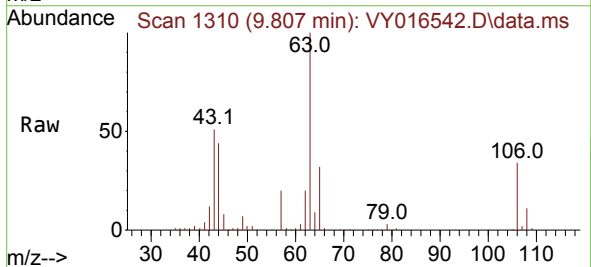
Instrument :
MSVOA_Y
ClientSampleId :

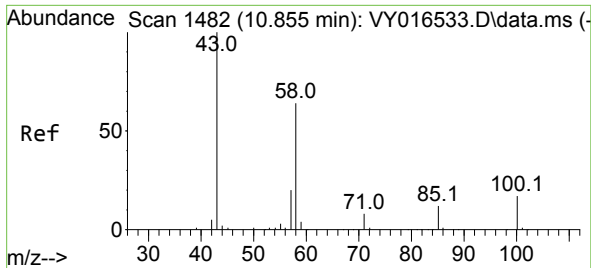
Tgt Ion: 76 Resp: 96856
Ion Ratio Lower Upper
76 100
78 32.8 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 253.927 ug/l
RT: 9.807 min Scan# 1310
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 63 Resp: 158883
Ion Ratio Lower Upper
63 100
106 33.7 21.2 31.8#

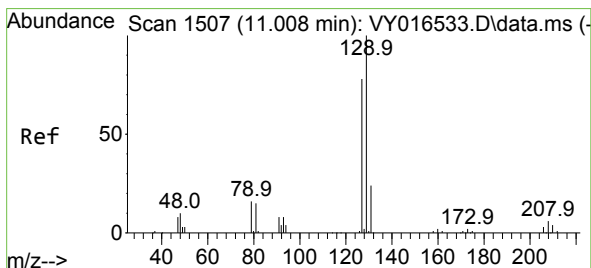
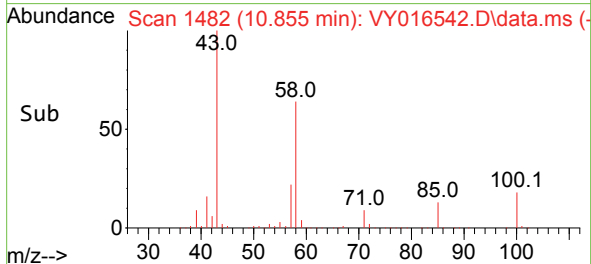
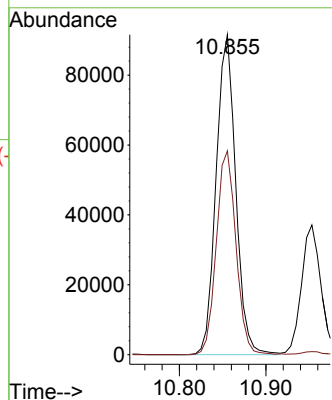
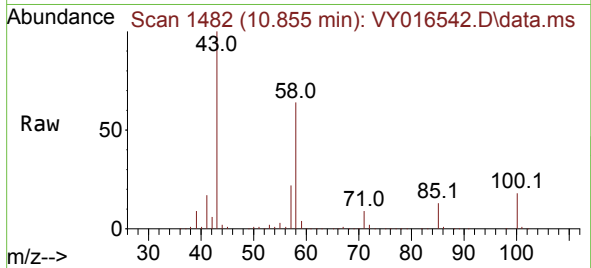




#59
2-Hexanone
Concen: 246.016 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

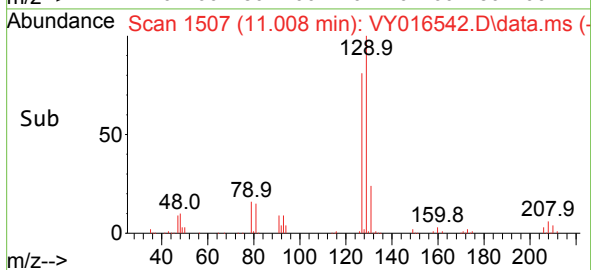
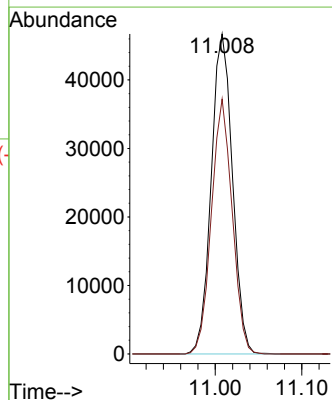
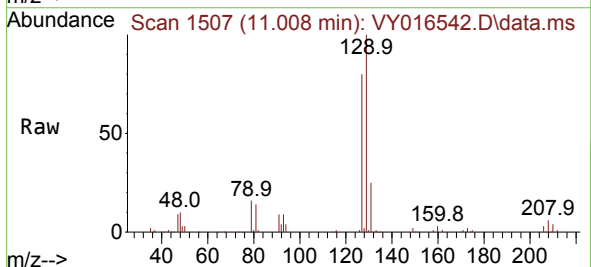
Instrument :
MSVOA_Y
ClientSampleId :

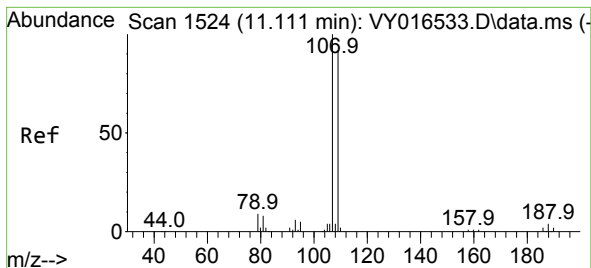
Tgt Ion: 43 Resp: 143910
Ion Ratio Lower Upper
43 100
58 64.0 25.1 75.3



#60
Dibromochloromethane
Concen: 50.887 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 129 Resp: 79529
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

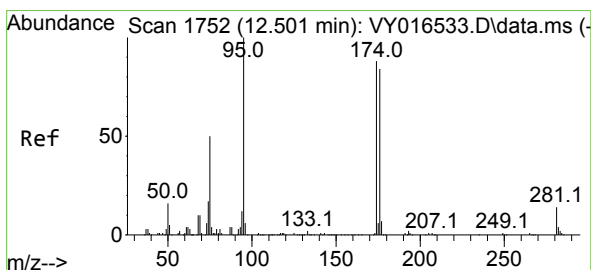
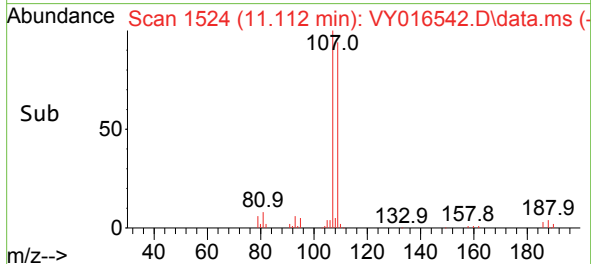
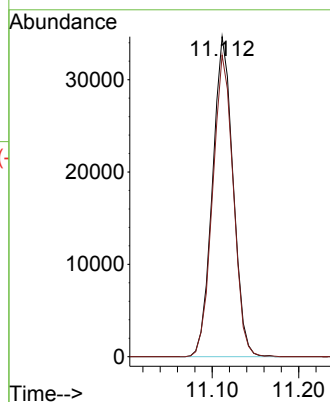
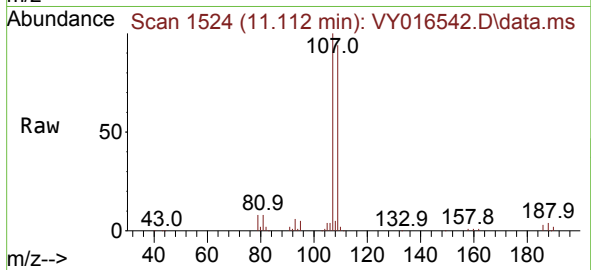




#61
1,2-Dibromoethane
Concen: 50.759 ug/l
RT: 11.112 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

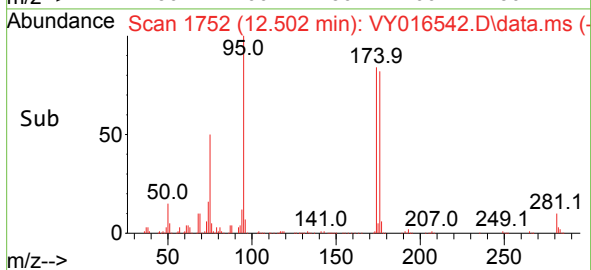
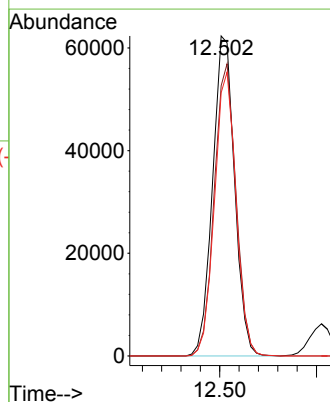
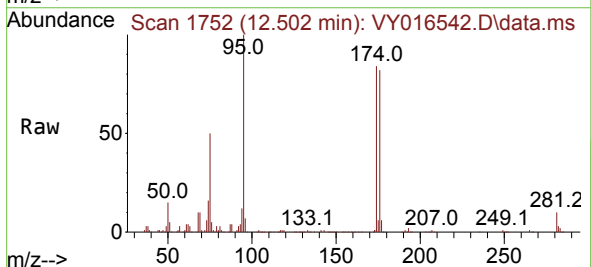
Instrument :
MSVOA_Y
ClientSampleId :

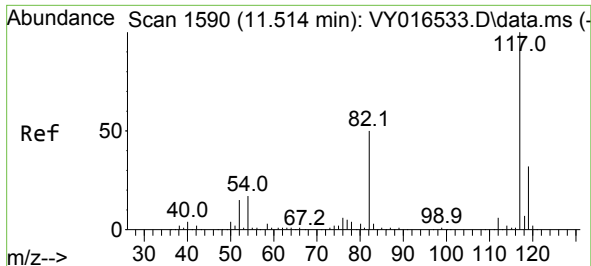
Tgt Ion:107 Resp: 57313
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.794 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 95 Resp: 98293
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 86.9 0.0 173.8

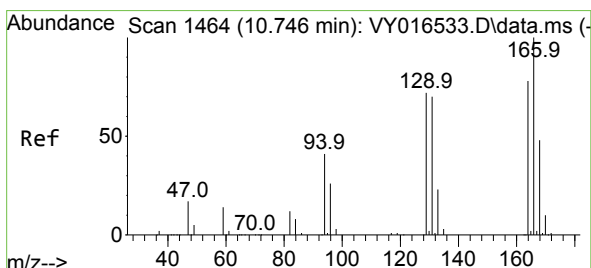
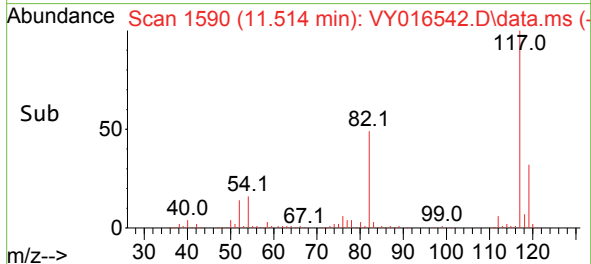
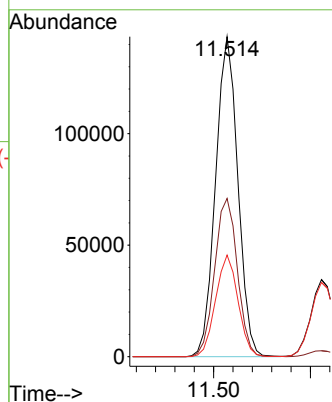
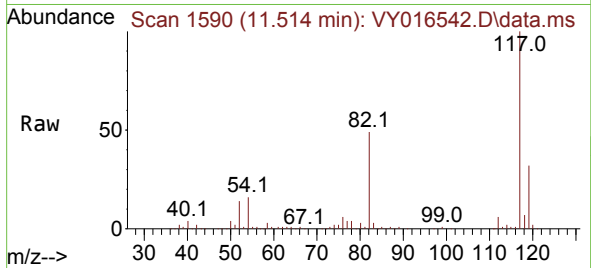




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

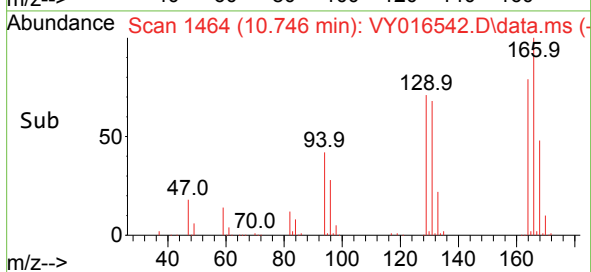
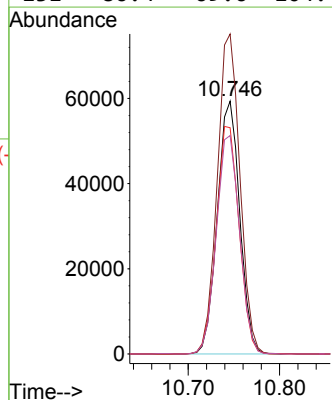
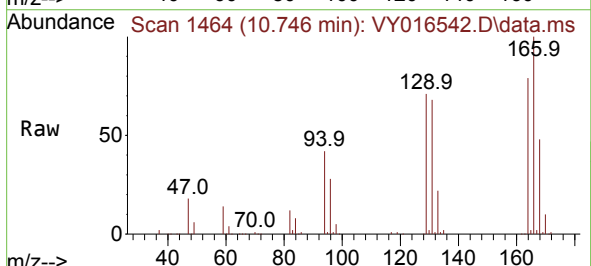
Instrument :
MSVOA_Y
ClientSampleId :

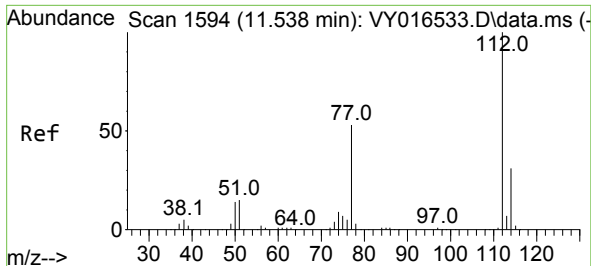
Tgt Ion:117 Resp: 229380
Ion Ratio Lower Upper
117 100
82 49.5 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 49.643 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion:164 Resp: 101341
Ion Ratio Lower Upper
164 100
166 126.5 103.0 154.6
129 89.4 77.2 115.8
131 86.4 69.6 104.4

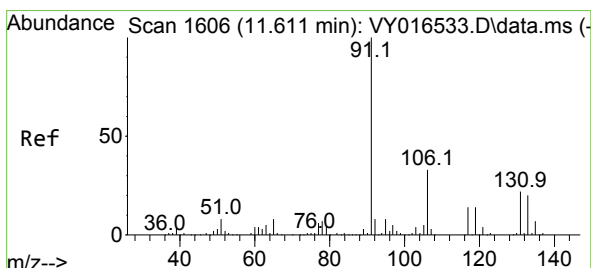
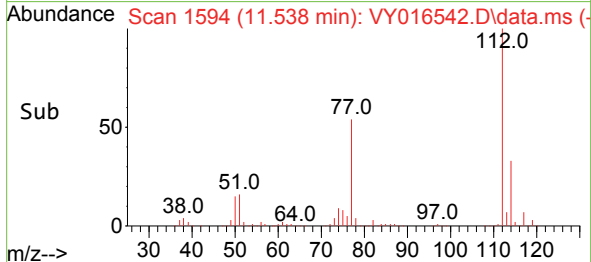
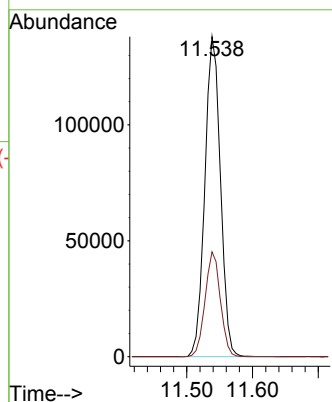
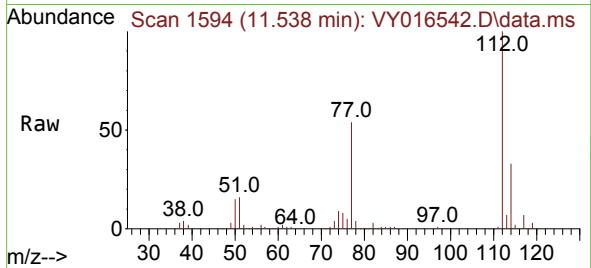




#65
Chlorobenzene
Concen: 49.564 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

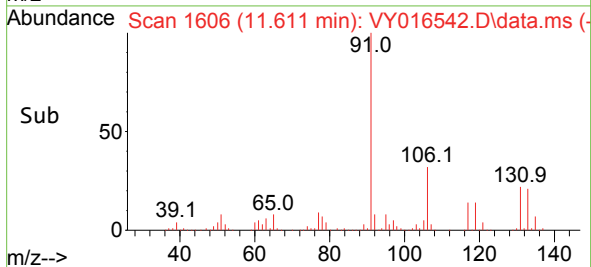
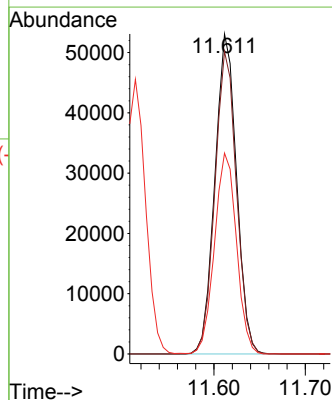
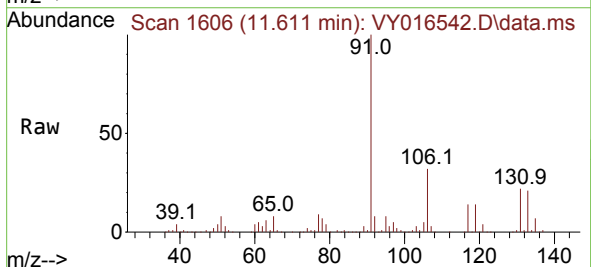
Instrument :
MSVOA_Y
ClientSampleId :

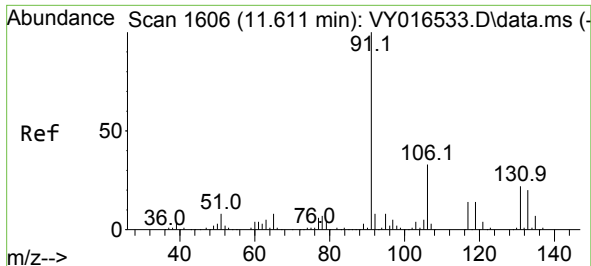
Tgt Ion:112 Resp: 227681
Ion Ratio Lower Upper
112 100
114 32.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 49.513 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion:131 Resp: 87190
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 63.9 31.6 94.7

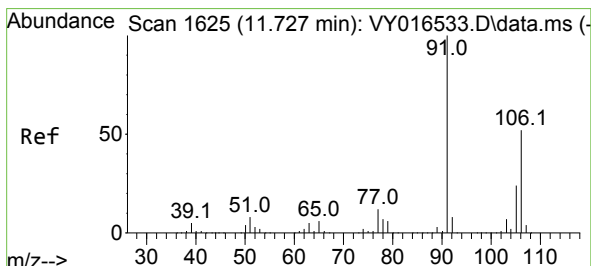
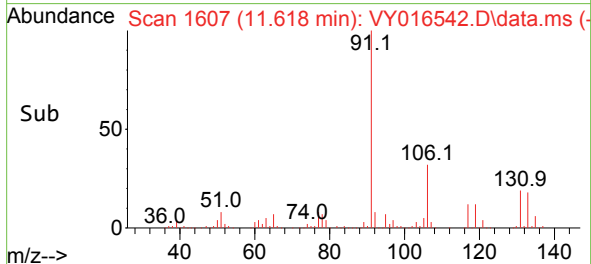
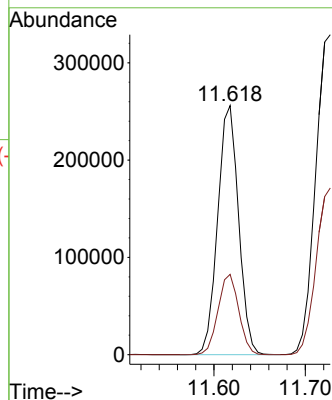
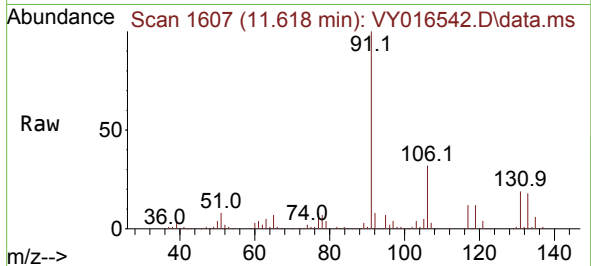




#67
Ethyl Benzene
Concen: 50.414 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

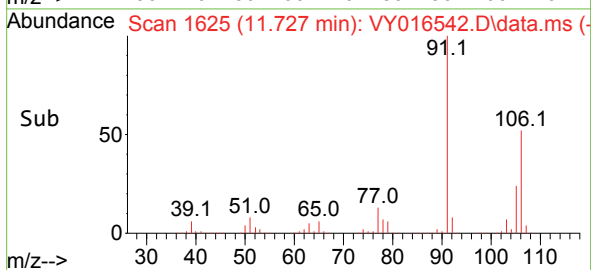
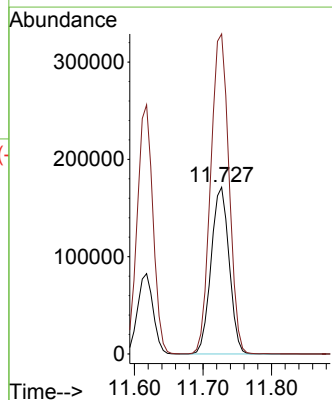
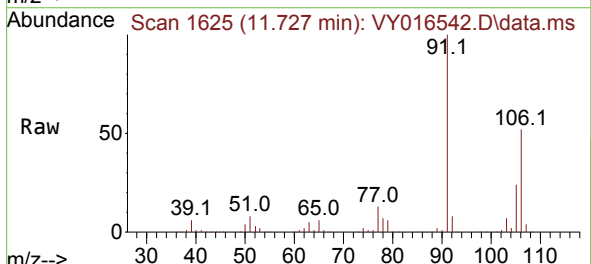
Instrument :
MSVOA_Y
ClientSampleId :

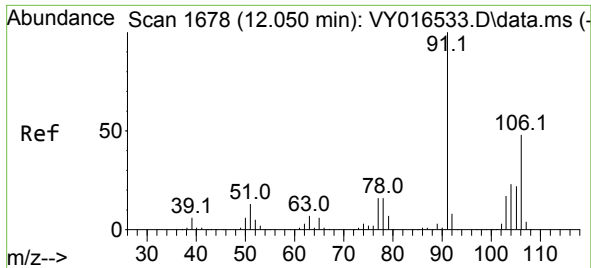
Tgt Ion: 91 Resp: 406527
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 100.466 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 106 Resp: 313528
Ion Ratio Lower Upper
106 100
91 194.7 166.1 249.1

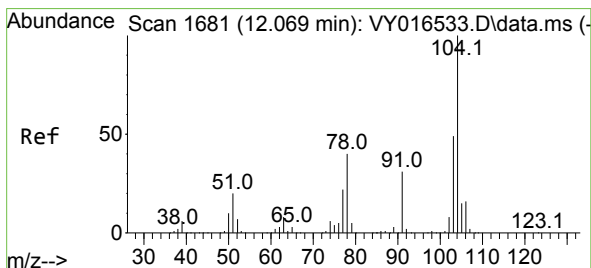
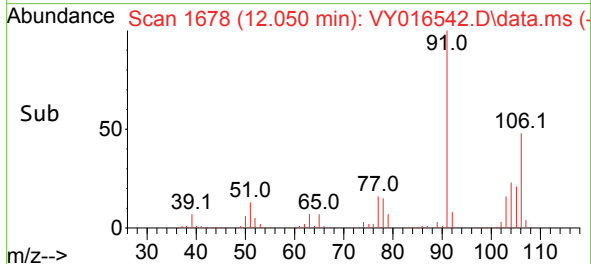
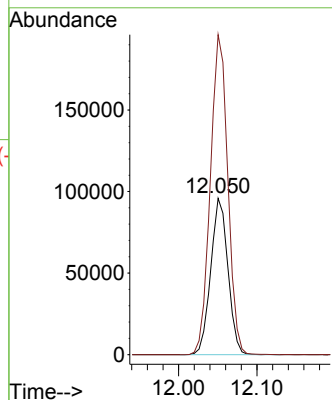
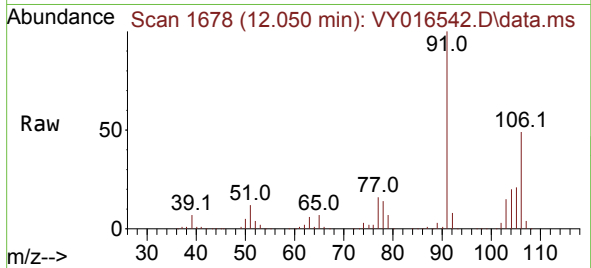




#69
o-Xylene
Concen: 50.956 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

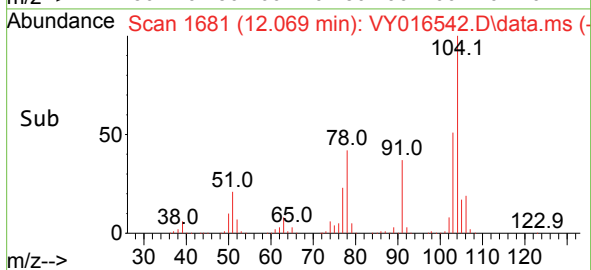
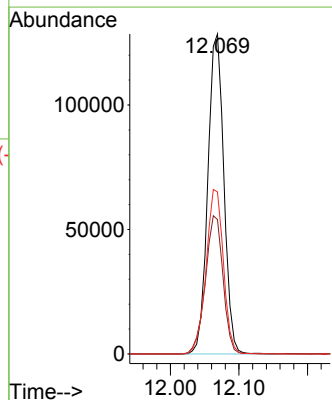
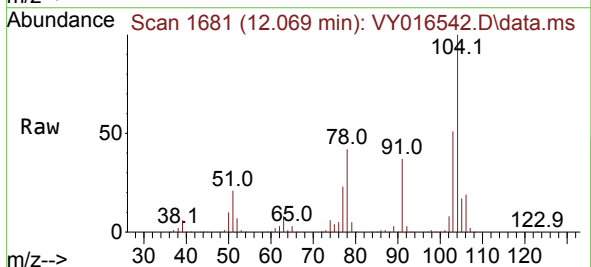
Instrument :
MSVOA_Y
ClientSampleId :

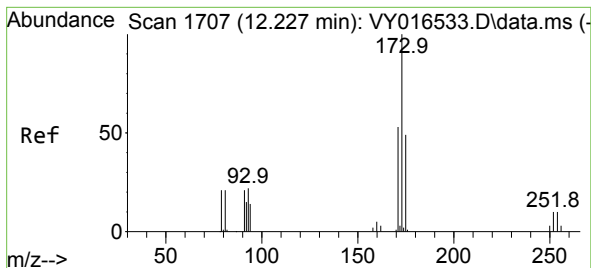
Tgt Ion:106 Resp: 145988
Ion Ratio Lower Upper
106 100
91 207.6 108.1 324.3



#70
Styrene
Concen: 50.782 ug/l
RT: 12.069 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion:104 Resp: 209333
Ion Ratio Lower Upper
104 100
78 47.7 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 51.081 ug/l

RT: 12.233 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

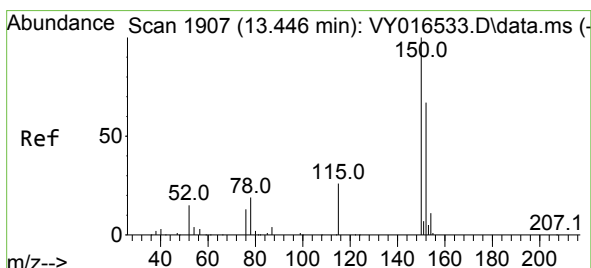
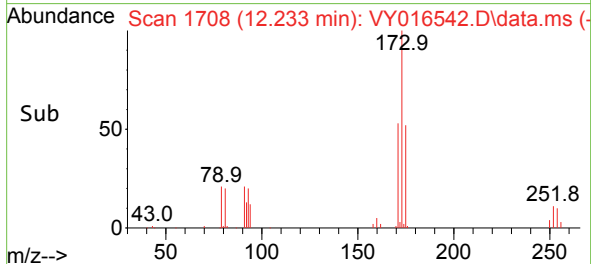
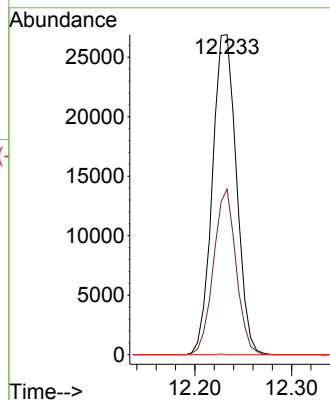
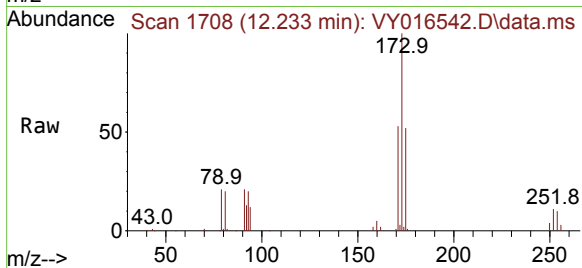
Tgt Ion:173 Resp: 46463

Ion Ratio Lower Upper

173 100

175 48.6 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

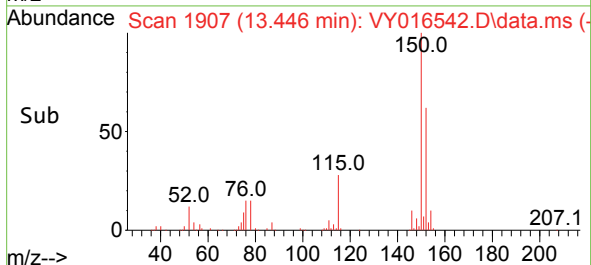
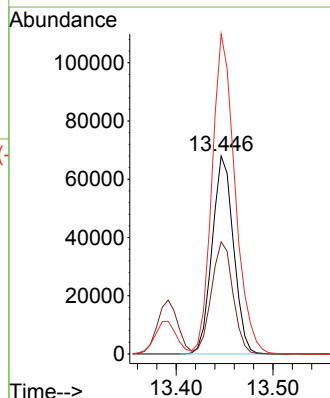
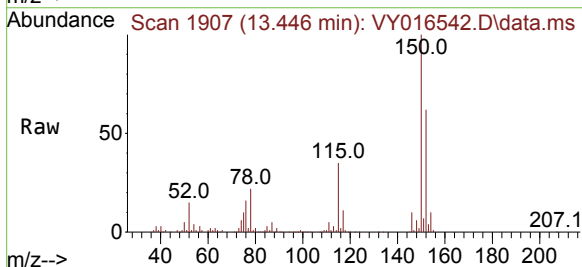
Tgt Ion:152 Resp: 104146

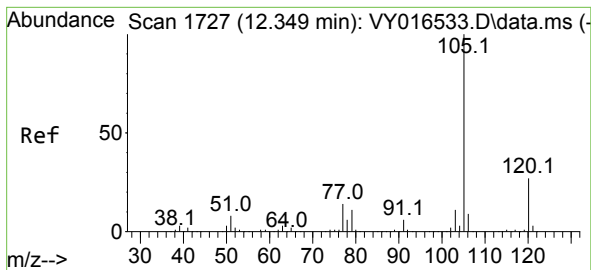
Ion Ratio Lower Upper

152 100

115 57.0 28.8 86.5

150 173.9 0.0 348.8





#73

Isopropylbenzene

Concen: 50.966 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

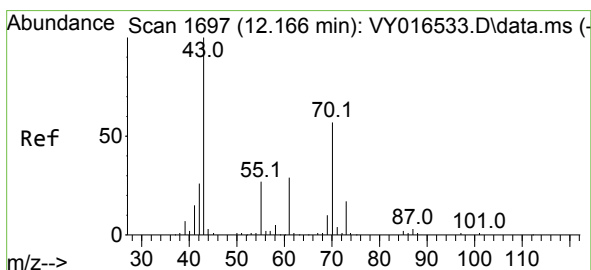
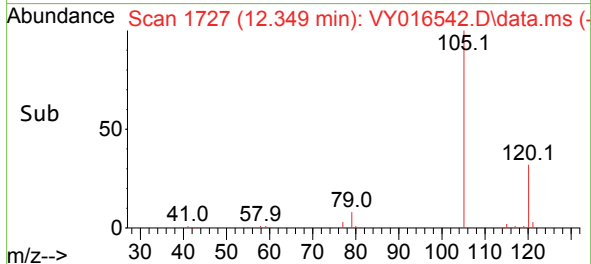
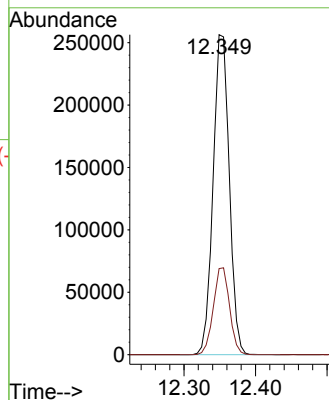
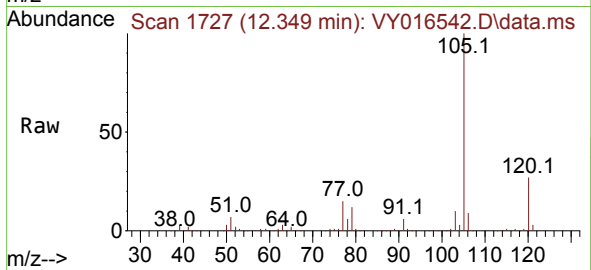
ClientSampleId :

Tgt Ion:105 Resp: 402521

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 50.971 ug/l

RT: 12.166 min Scan# 1697

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Tgt Ion: 43 Resp: 56851

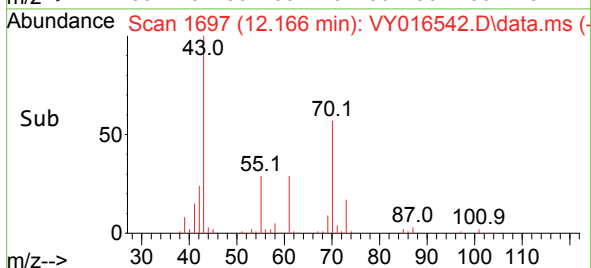
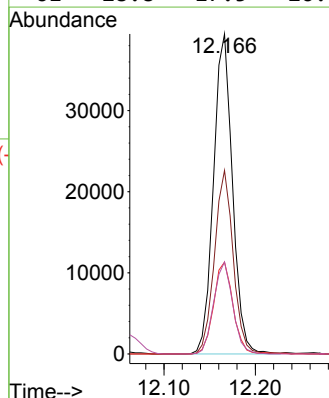
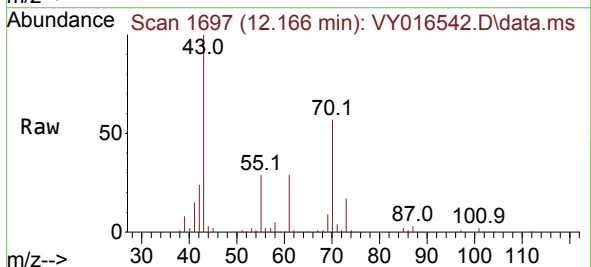
Ion Ratio Lower Upper

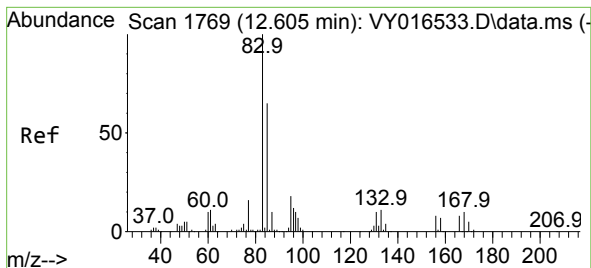
43 100

70 56.7 29.7 44.5#

55 29.5 18.3 27.5#

61 28.8 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 49.836 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

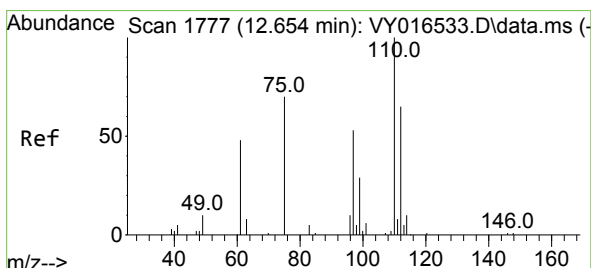
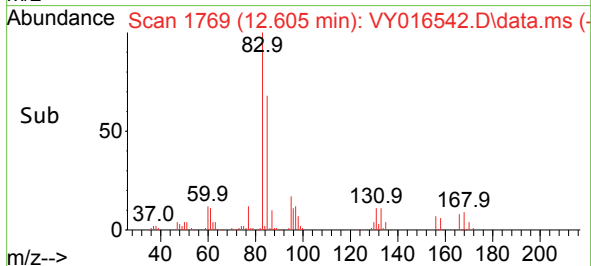
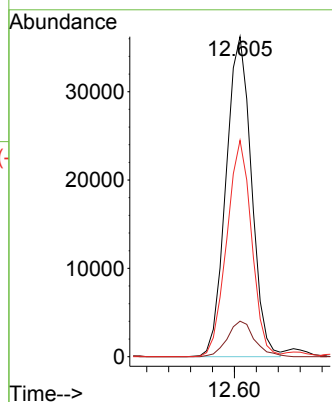
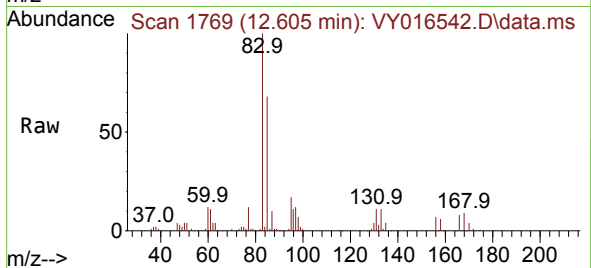
Tgt Ion: 83 Resp: 58427

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 66.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.759 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY016542.D

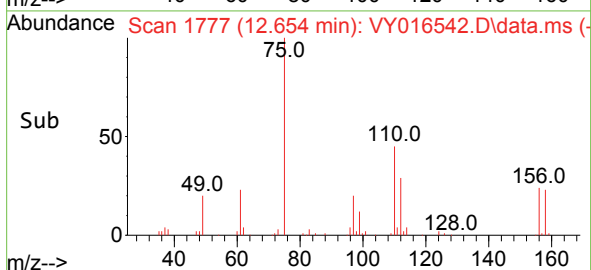
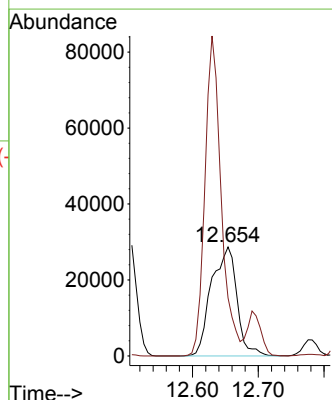
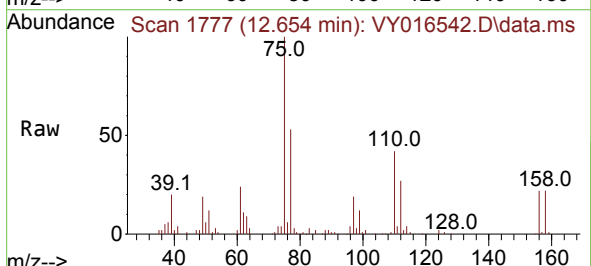
Acq: 30 Nov 2023 08:28

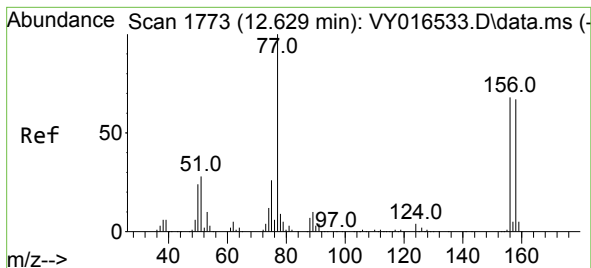
Tgt Ion: 75 Resp: 77614

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.394 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

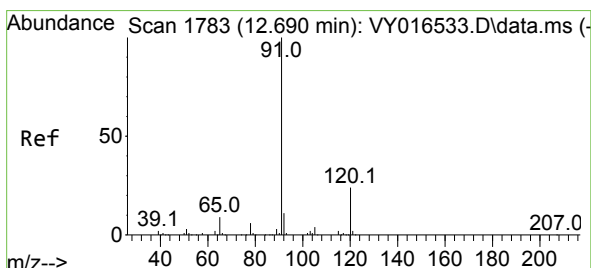
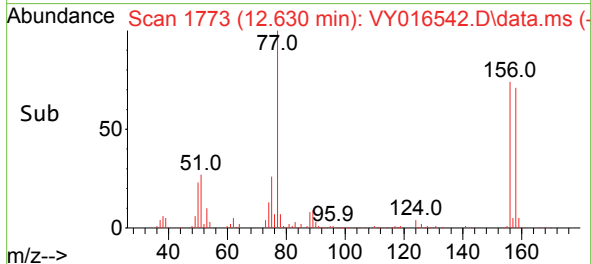
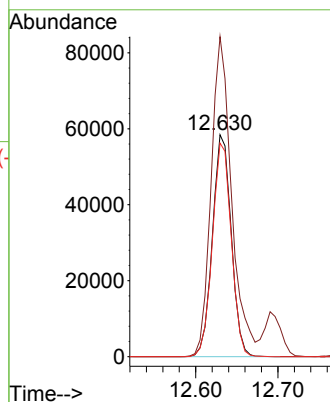
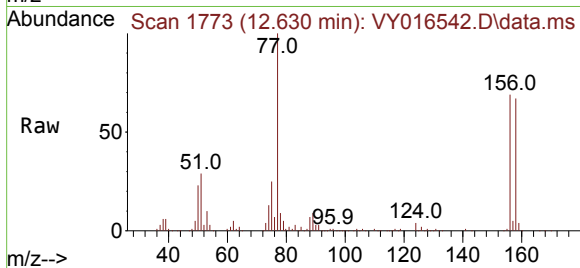
Tgt Ion:156 Resp: 92674

Ion Ratio Lower Upper

156 100

77 156.9 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 50.933 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY016542.D

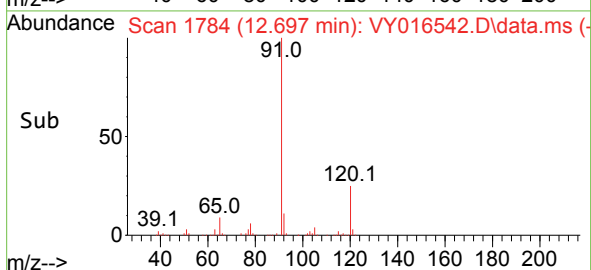
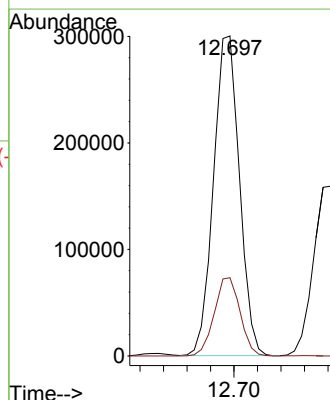
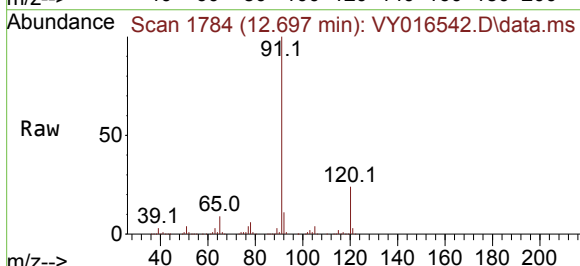
Acq: 30 Nov 2023 08:28

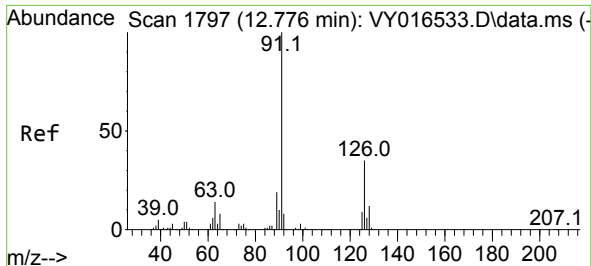
Tgt Ion: 91 Resp: 460216

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

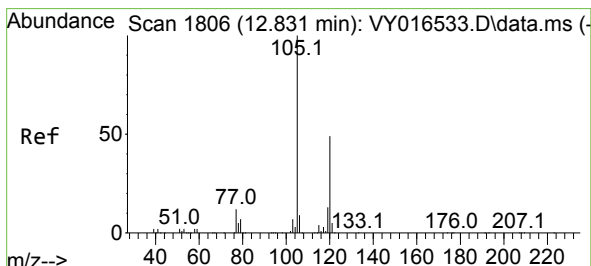
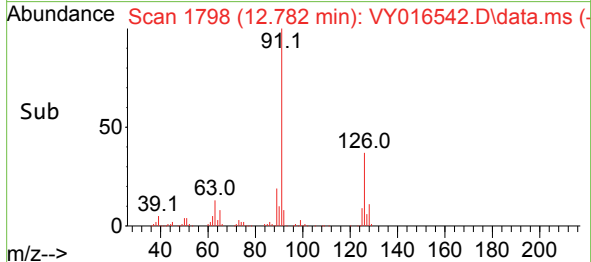
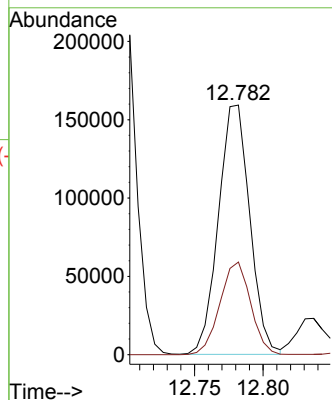
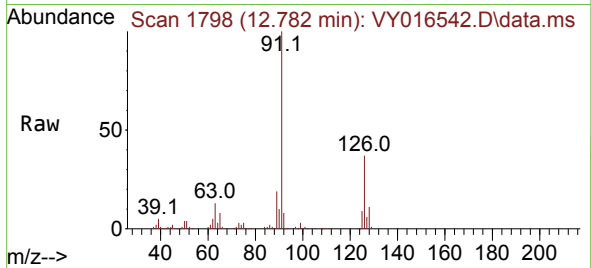




#79
2-Chlorotoluene
Concen: 50.552 ug/l
RT: 12.782 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

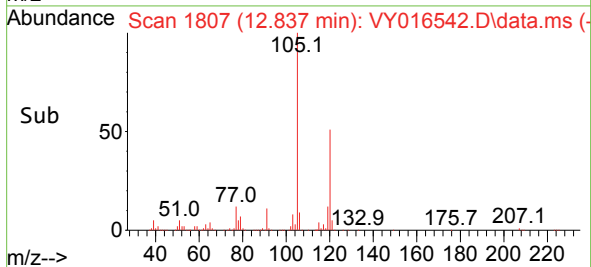
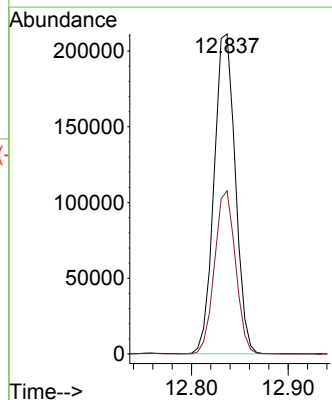
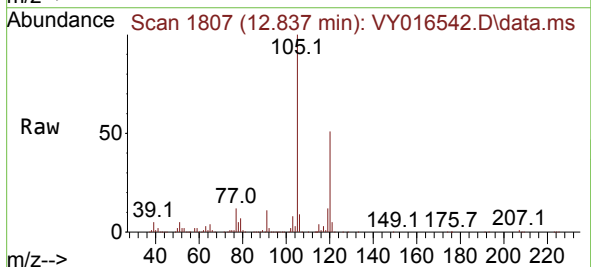
Instrument :
MSVOA_Y
ClientSampleId :

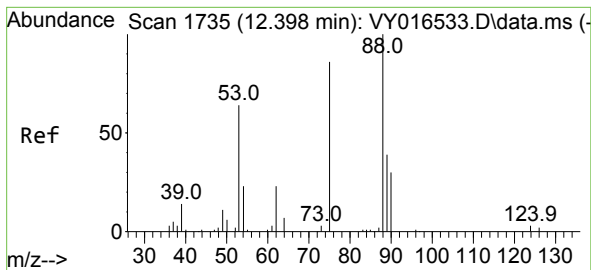
Tgt Ion: 91 Resp: 254055
Ion Ratio Lower Upper
91 100
126 36.3 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.763 ug/l
RT: 12.837 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 105 Resp: 322288
Ion Ratio Lower Upper
105 100
120 50.4 23.9 71.7

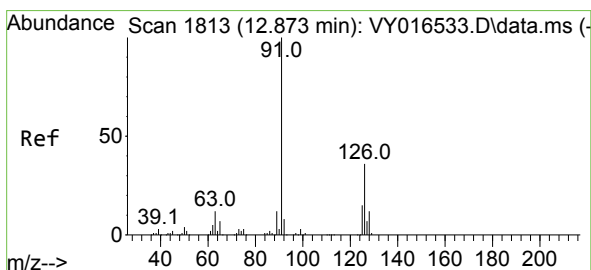
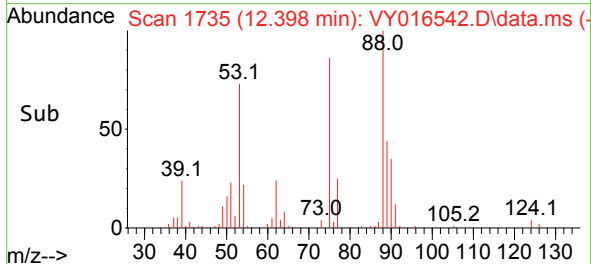
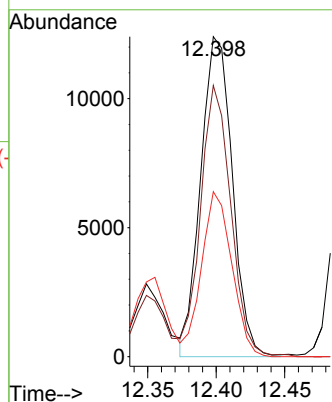
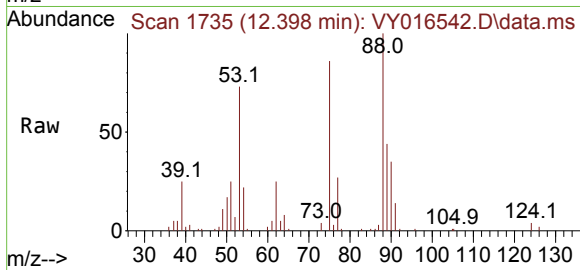




#81
trans-1,4-Dichloro-2-butene
Concen: 49.626 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

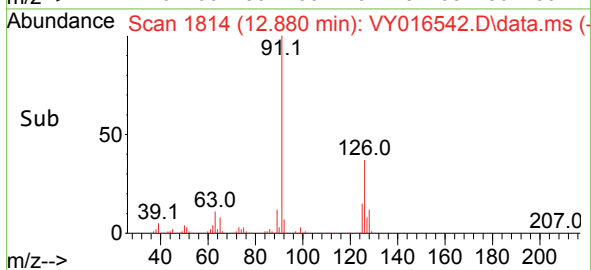
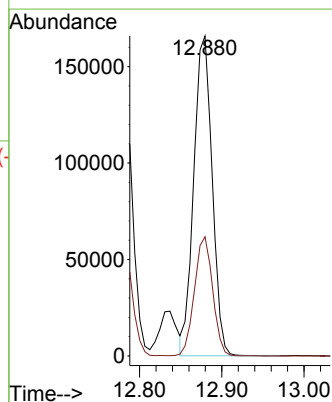
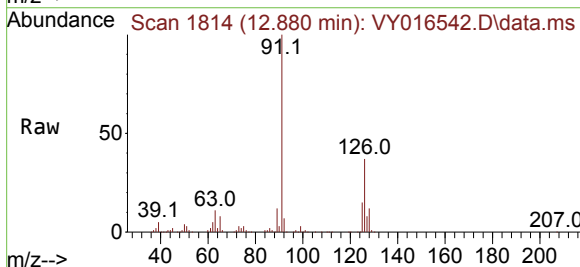
Instrument :
MSVOA_Y
ClientSampleId :

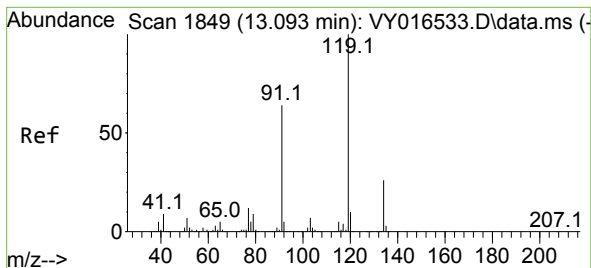
Tgt Ion: 75 Resp: 19897
Ion Ratio Lower Upper
75 100
53 80.9 77.8 116.8
89 49.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.933 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion: 91 Resp: 257650
Ion Ratio Lower Upper
91 100
126 37.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.043 ug/l

RT: 13.099 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

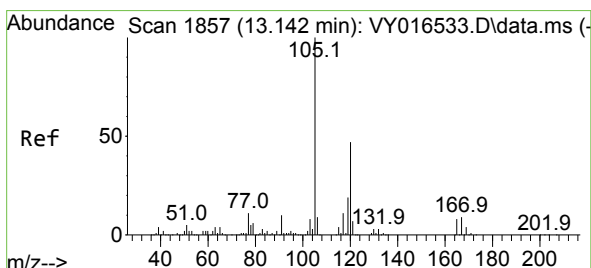
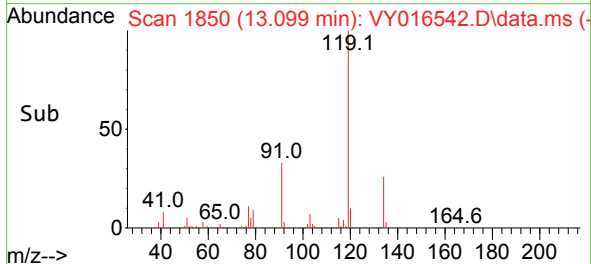
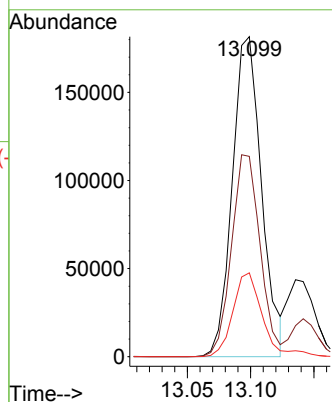
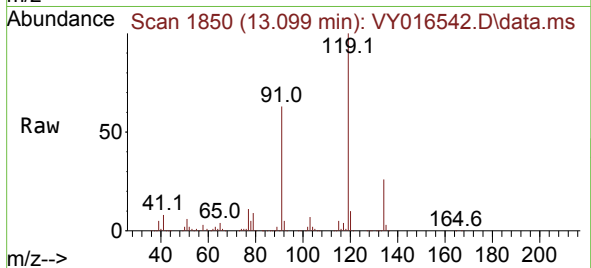
Tgt Ion:119 Resp: 292456

Ion Ratio Lower Upper

119 100

91 61.7 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.174 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY016542.D

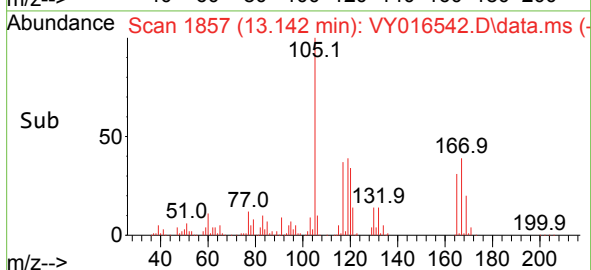
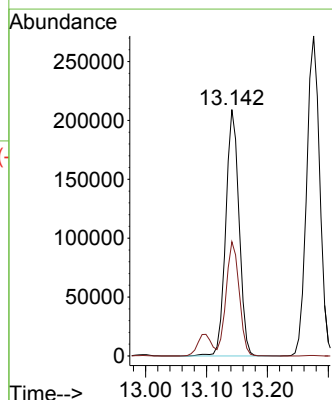
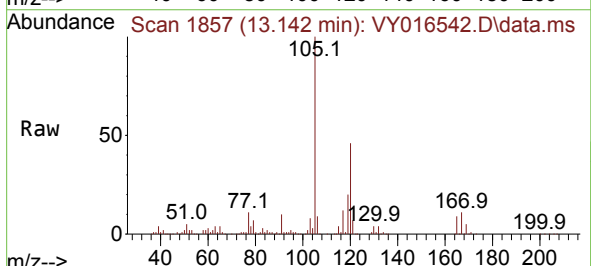
Acq: 30 Nov 2023 08:28

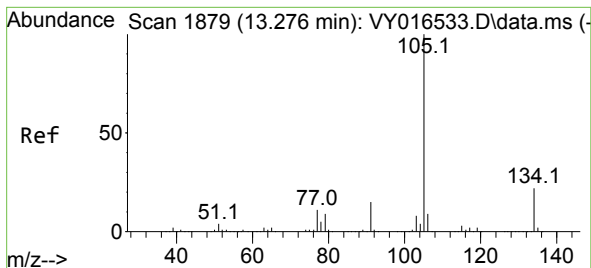
Tgt Ion:105 Resp: 316314

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.033 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

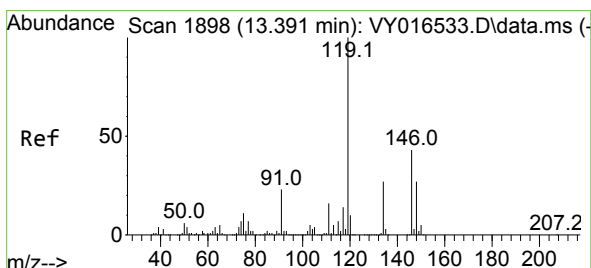
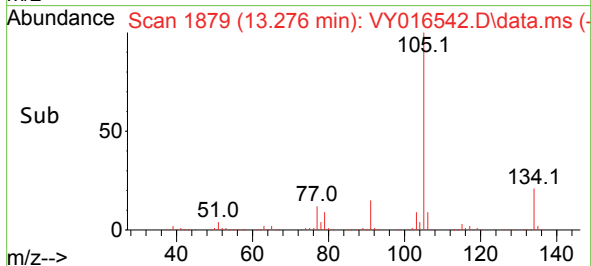
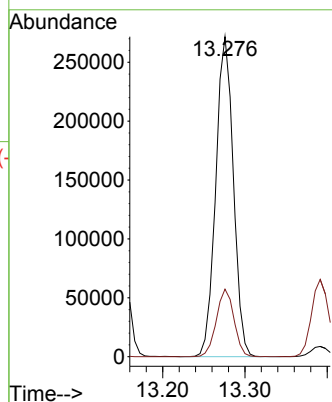
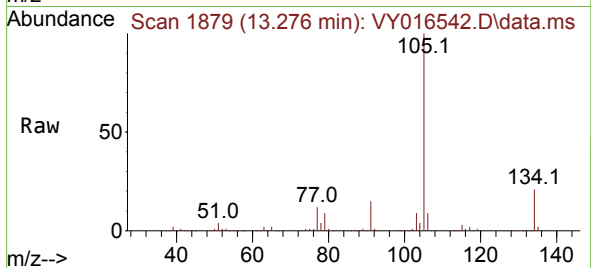
ClientSampleId :

Tgt Ion:105 Resp: 404398

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.871 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

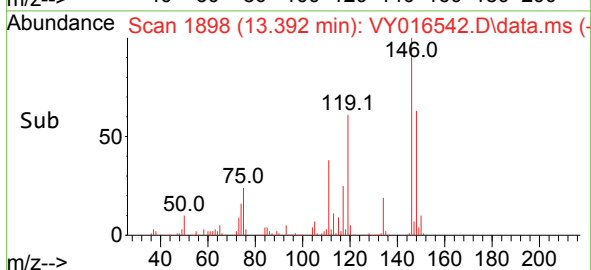
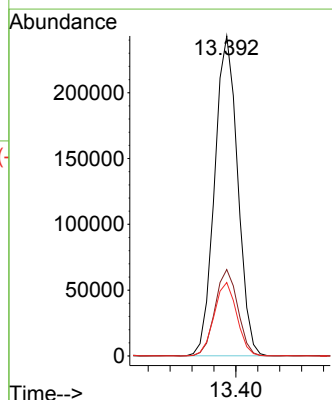
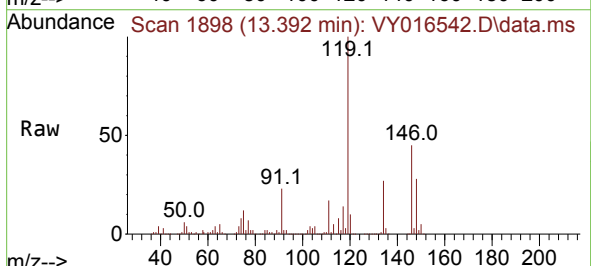
Tgt Ion:119 Resp: 355145

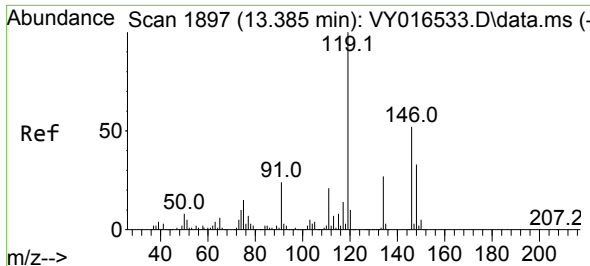
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 22.7 12.4 37.4

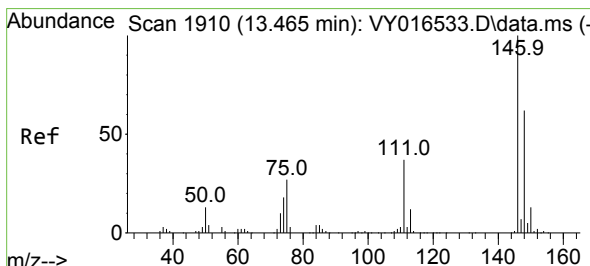
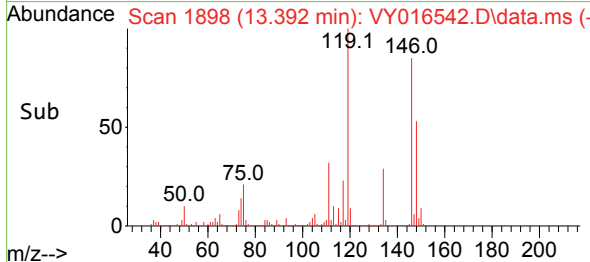
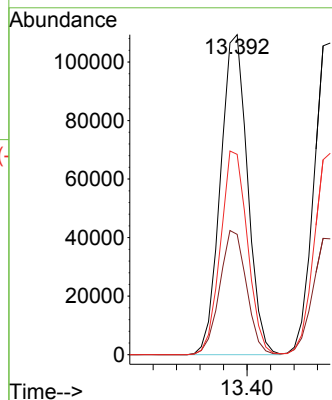
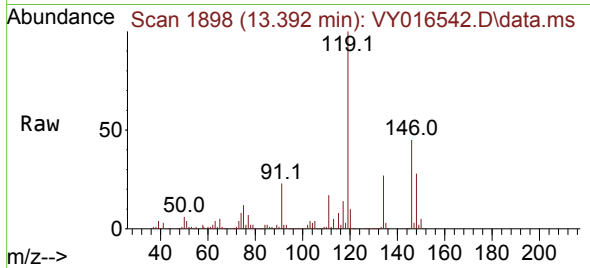




#87
1,3-Dichlorobenzene
Concen: 50.297 ug/l
RT: 13.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

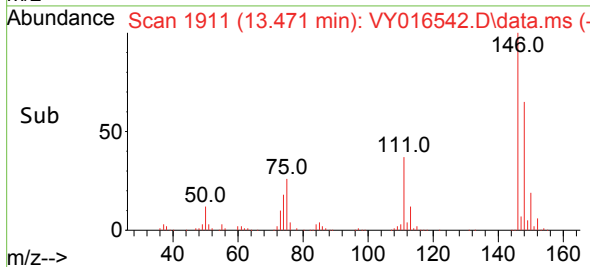
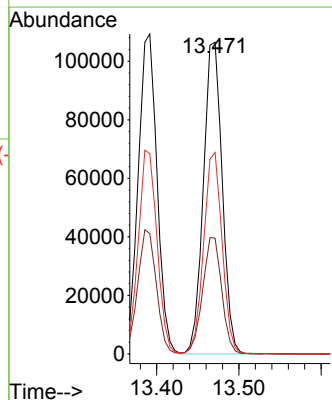
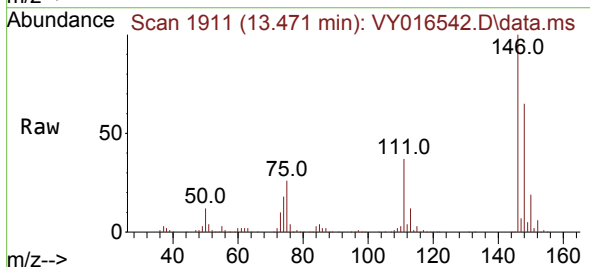
Instrument :
MSVOA_Y
ClientSampleId :

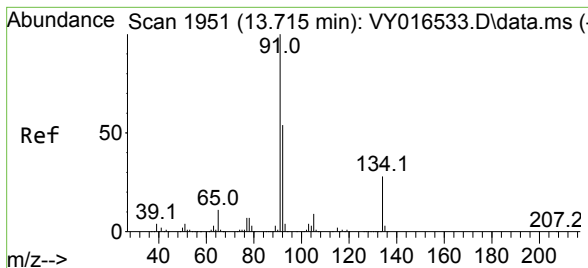
Tgt Ion:146 Resp: 174656
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 49.876 ug/l
RT: 13.471 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion:146 Resp: 169517
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 52.127 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

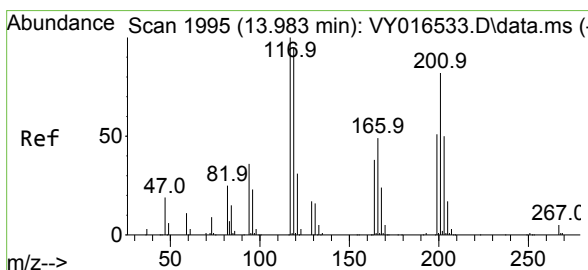
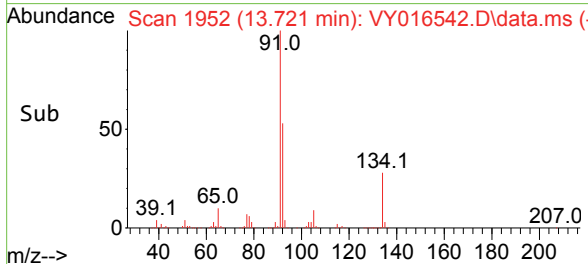
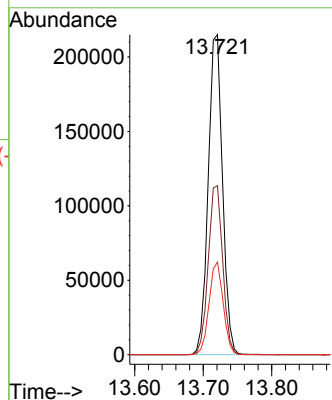
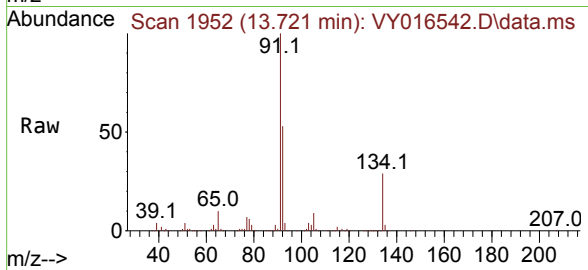
Tgt Ion: 91 Resp: 312823

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 28.6 12.6 37.6



#90

Hexachloroethane

Concen: 50.709 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016542.D

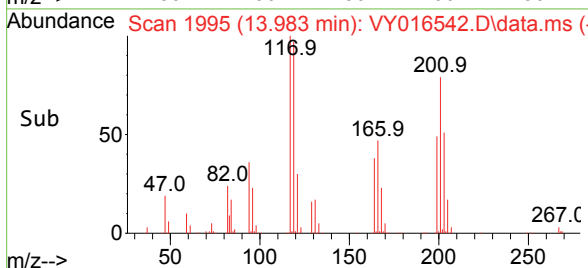
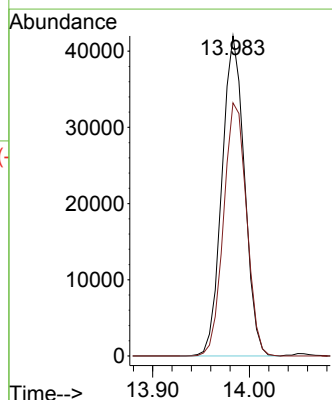
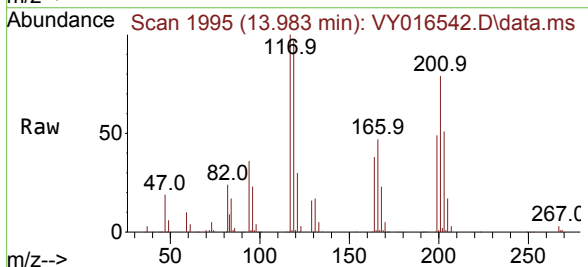
Acq: 30 Nov 2023 08:28

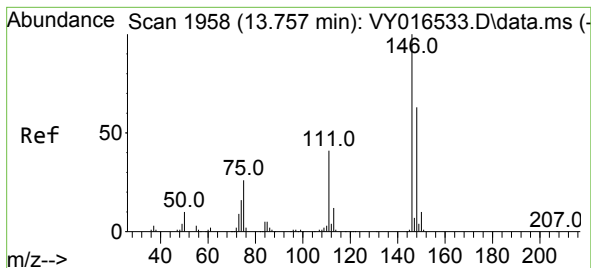
Tgt Ion: 117 Resp: 67741

Ion Ratio Lower Upper

117 100

201 80.6 41.6 124.8

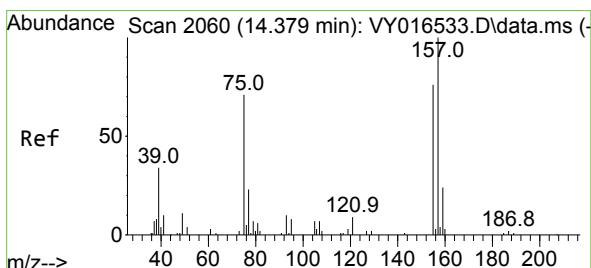
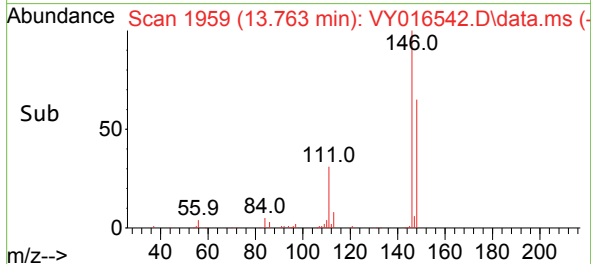
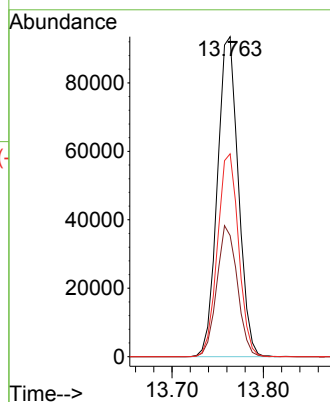
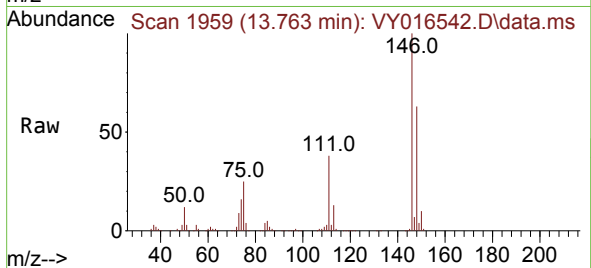




#91
1,2-Dichlorobenzene
Concen: 50.557 ug/l
RT: 13.763 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

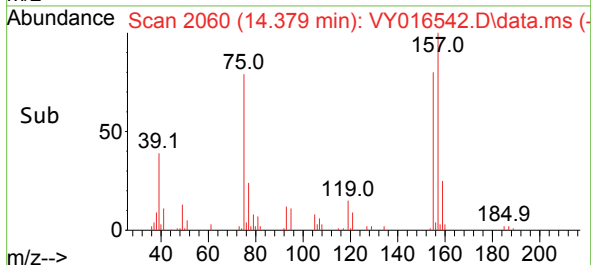
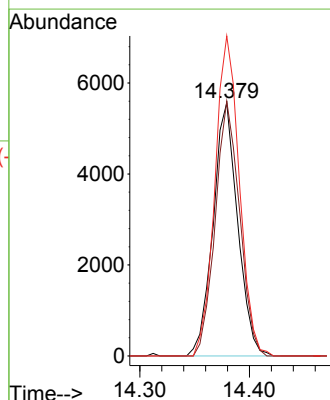
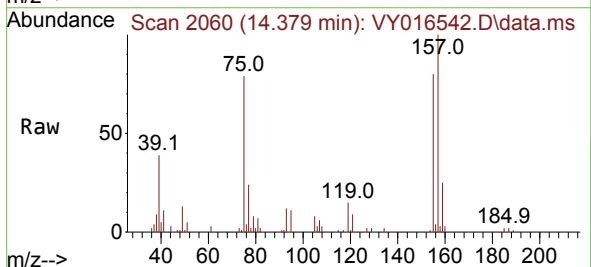
Instrument :
MSVOA_Y
ClientSampleId :

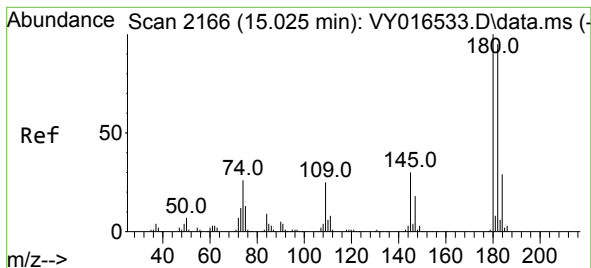
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.7	59.0
148	63.9	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 52.495 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016542.D
Acq: 30 Nov 2023 08:28

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	41.5	124.6
157	125.5	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.427 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.007 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :

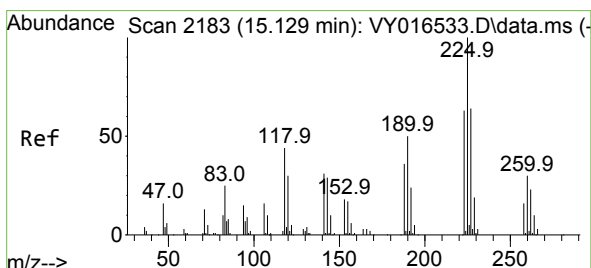
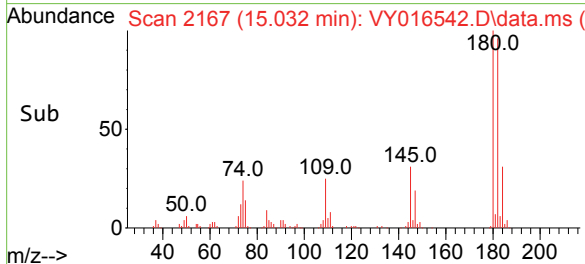
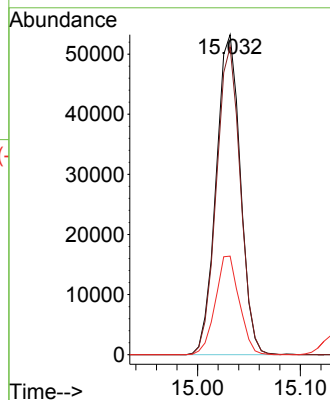
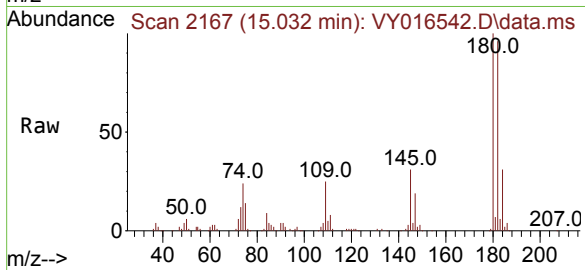
Tgt Ion:180 Resp: 87091

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 54.022 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

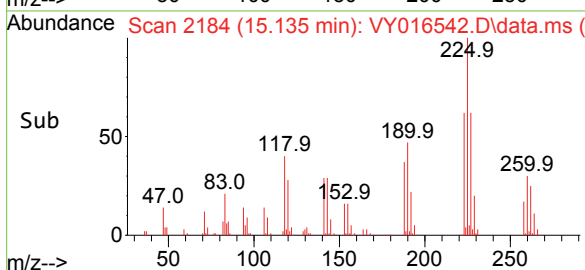
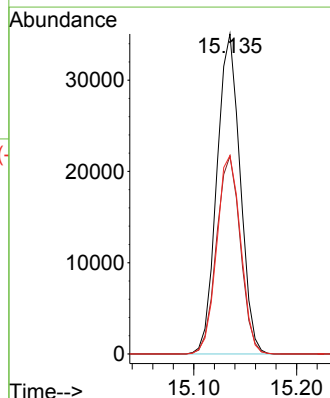
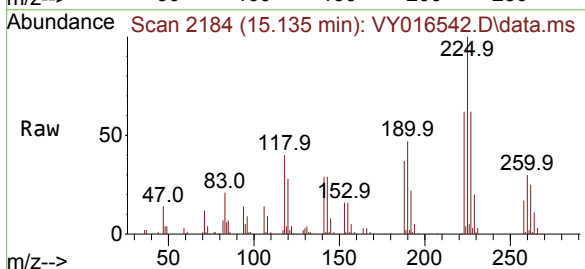
Tgt Ion:225 Resp: 55061

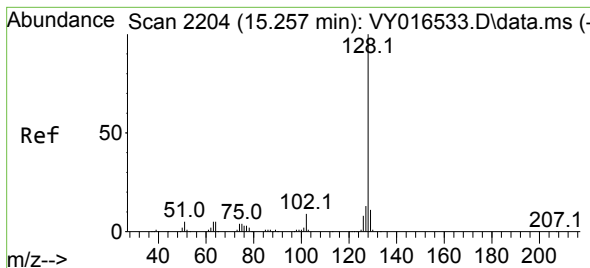
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 46.475 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.000 min

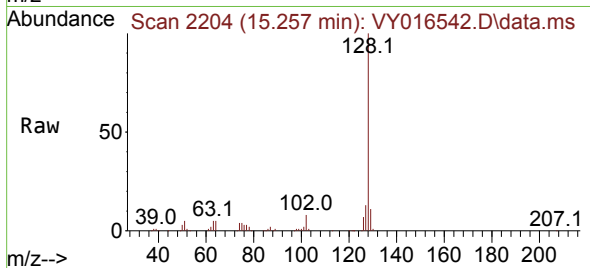
Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Instrument :

MSVOA_Y

ClientSampleId :



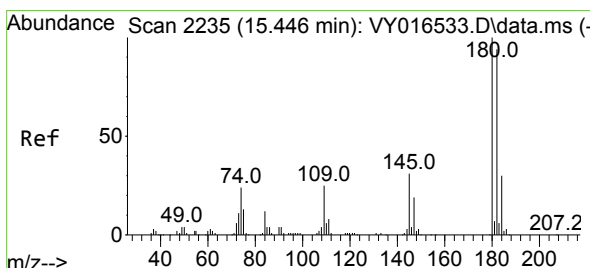
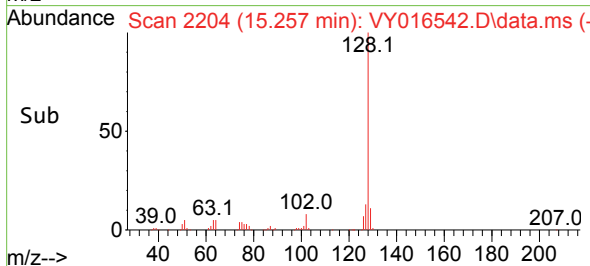
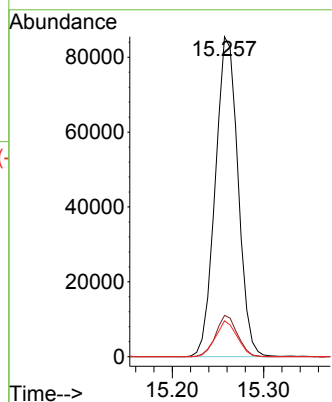
Tgt Ion:128 Resp: 147639

Ion Ratio Lower Upper

128 100

127 12.4 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.617 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.000 min

Lab File: VY016542.D

Acq: 30 Nov 2023 08:28

Tgt Ion:180 Resp: 69687

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.5 15.4 46.2

