

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112923\
 Data File : VY016530.D
 Acq On : 29 Nov 2023 10:18
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 30 03:08:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 02:51:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.832	168	173409	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.722	114	265976	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.520	117	230561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.453	152	105824	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	152520	111.328	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 222.660%#	
35) Dibromofluoromethane	7.759	113	164107	105.127	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 210.260%#	
50) Toluene-d8	10.209	98	636067	105.056	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 210.120%#	
62) 4-Bromofluorobenzene	12.508	95	203858	107.331	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 214.660%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.924	85	141236	93.500	ug/l	96
3) Chloromethane	2.138	50	144361	95.803	ug/l	98
4) Vinyl Chloride	2.278	62	162847	95.749	ug/l	98
5) Bromomethane	2.674	94	112533	102.213	ug/l	100
6) Chloroethane	2.826	64	109270	99.520	ug/l	94
7) Trichlorofluoromethane	3.162	101	289773	98.416	ug/l	99
8) Diethyl Ether	3.564	74	88941	113.731	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.942	101	166095	99.376	ug/l	98
10) Methyl Iodide	4.137	142	201346	106.479	ug/l	98
11) Tert butyl alcohol	5.009	59	56607	651.908	ug/l #	81
12) 1,1-Dichloroethene	3.912	96	157943	101.112	ug/l	84
13) Acrolein	3.765	56	107348	652.415	ug/l	98
14) Allyl chloride	4.521	41	187754	104.555	ug/l #	87
15) Acrylonitrile	5.210	53	168068	607.331	ug/l	96
16) Acetone	3.985	43	139901	590.725	ug/l #	82
17) Carbon Disulfide	4.241	76	444182	100.789	ug/l	99
18) Methyl Acetate	4.521	43	129834	128.029	ug/l #	81
19) Methyl tert-butyl Ether	5.271	73	398582	117.091	ug/l	97
20) Methylene Chloride	4.765	84	160784	103.223	ug/l #	82
21) trans-1,2-Dichloroethene	5.271	96	175019	100.598	ug/l	89
22) Diisopropyl ether	6.167	45	398039	105.710	ug/l #	83
23) Vinyl Acetate	6.106	43	1002447	577.304	ug/l #	86
24) 1,1-Dichloroethane	6.064	63	269981	101.597	ug/l	94
25) 2-Butanone	7.027	43	205235	555.242	ug/l #	80
26) 2,2-Dichloropropane	7.027	77	263362	100.275	ug/l	95
27) cis-1,2-Dichloroethene	7.033	96	196989	105.391	ug/l	85
28) Bromochloromethane	7.374	49	102188	106.403	ug/l #	65
29) Tetrahydrofuran	7.387	42	129683	653.077	ug/l #	78
30) Chloroform	7.545	83	301632	101.839	ug/l	95
31) Cyclohexane	7.826	56	230397	95.793	ug/l	87
32) 1,1,1-Trichloroethane	7.740	97	288693	100.584	ug/l	94
36) 1,1-Dichloropropene	7.954	75	227067	98.503	ug/l	96
37) Ethyl Acetate	7.112	43	89067	123.276	ug/l #	89
38) Carbon Tetrachloride	7.941	117	269907	99.759	ug/l	99
39) Methylcyclohexane	9.216	83	297727	103.547	ug/l	88
40) Benzene	8.197	78	657070	100.531	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	119838	300.038	ug/l #	28
42) 1,2-Dichloroethane	8.271	62	175953	108.635	ug/l	91
43) Isopropyl Acetate	8.307	43	174949	123.140	ug/l #	84
44) Trichloroethene	8.972	130	206591	102.619	ug/l	95
45) 1,2-Dichloropropane	9.246	63	153033	103.763	ug/l	95
46) Dibromomethane	9.338	93	91791	110.685	ug/l	97
47) Bromodichloromethane	9.527	83	233739	106.753	ug/l	98
48) Methyl methacrylate	9.325	41	99994	125.365	ug/l #	77
49) 1,4-Dioxane	9.331	88	20118	2619.740	ug/l #	68
51) 4-Methyl-2-Pentanone	10.100	43	459502	619.972	ug/l #	83
52) Toluene	10.276	92	430826	102.611	ug/l	94
53) t-1,3-Dichloropropene	10.496	75	227483	112.120	ug/l	98
54) cis-1,3-Dichloropropene	9.959	75	267191	108.676	ug/l #	83
55) 1,1,2-Trichloroethane	10.673	97	131055	109.517	ug/l	95
56) Ethyl methacrylate	10.539	69	125791	124.214	ug/l #	76
57) 1,3-Dichloropropane	10.819	76	213749	110.892	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.813	63	398301	636.038	ug/l #	87
59) 2-Hexanone	10.856	43	336403	574.610	ug/l	80
60) Dibromochloromethane	11.014	129	173852	111.149	ug/l	100
61) 1,2-Dibromoethane	11.118	107	126883	112.280	ug/l	99
64) Tetrachloroethene	10.746	164	209259	101.983	ug/l	97
65) Chlorobenzene	11.544	112	464635	100.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.618	131	181512	102.547	ug/l	99
67) Ethyl Benzene	11.618	91	824636	101.741	ug/l	98
68) m/p-Xylenes	11.727	106	642125	204.707	ug/l	92
69) o-Xylene	12.057	106	299262	103.921	ug/l	94
70) Styrene	12.069	104	431911	104.241	ug/l	97
71) Bromoform	12.233	173	103066	112.729	ug/l #	99
73) Isopropylbenzene	12.355	105	801914	99.925	ug/l	99
74) N-amyl acetate	12.166	43	142481	125.719	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.605	83	130919	109.899	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	177156	198.727	ug/l #	100
77) Bromobenzene	12.636	156	192837	103.197	ug/l	88
78) n-propylbenzene	12.697	91	910042	99.120	ug/l	96
79) 2-Chlorotoluene	12.782	91	509682	99.809	ug/l	96
80) 1,3,5-Trimethylbenzene	12.837	105	653537	101.305	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.404	75	46619	114.430	ug/l	88
82) 4-Chlorotoluene	12.880	91	524790	100.092	ug/l	97
83) tert-Butylbenzene	13.099	119	577562	99.205	ug/l	96
84) 1,2,4-Trimethylbenzene	13.142	105	639610	101.837	ug/l	97
85) sec-Butylbenzene	13.276	105	794060	98.617	ug/l	98
86) p-Isopropyltoluene	13.392	119	705873	101.461	ug/l	97
87) 1,3-Dichlorobenzene	13.392	146	358617	101.636	ug/l	100
88) 1,4-Dichlorobenzene	13.471	146	349633	101.238	ug/l	100
89) n-Butylbenzene	13.721	91	613710	100.643	ug/l	94
90) Hexachloroethane	13.983	117	133991	98.712	ug/l	100
91) 1,2-Dichlorobenzene	13.764	146	313054	104.689	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.379	75	21537	128.511	ug/l	77
93) 1,2,4-Trichlorobenzene	15.032	180	192103	101.131	ug/l	99
94) Hexachlorobutadiene	15.135	225	104282	100.692	ug/l	99
95) Naphthalene	15.257	128	372149	108.543	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	159767	102.285	ug/l	99

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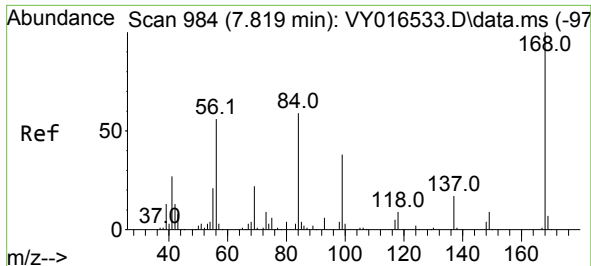
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Quant Title : SW846 8260
QLast Update : Thu Nov 30 02:51:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

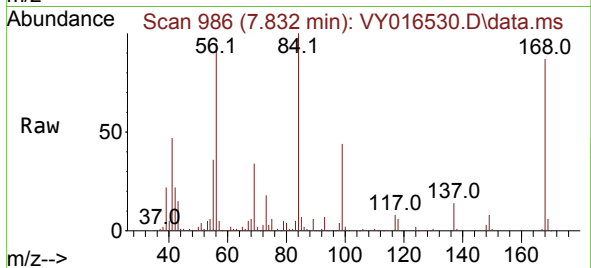
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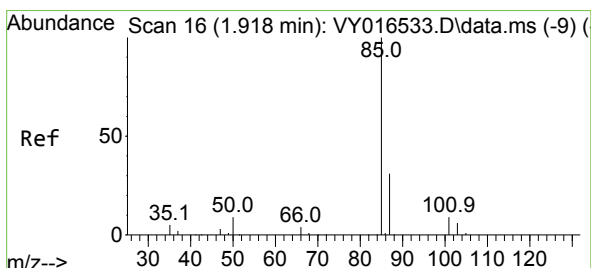
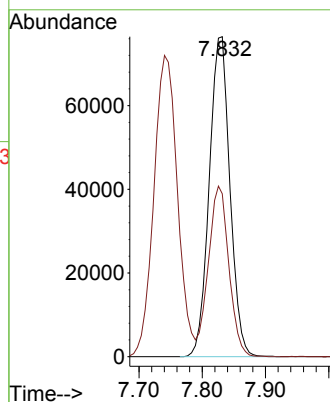
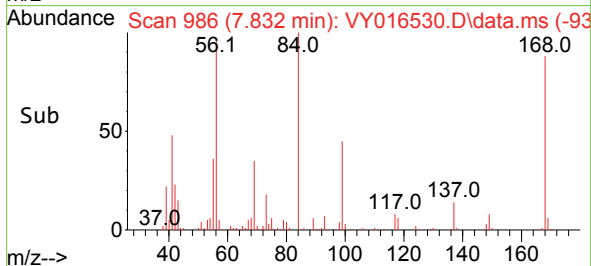


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.013 min
Lab File: VY016530.D
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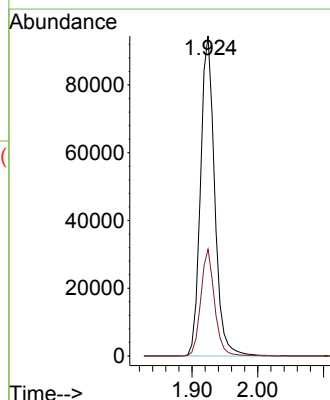
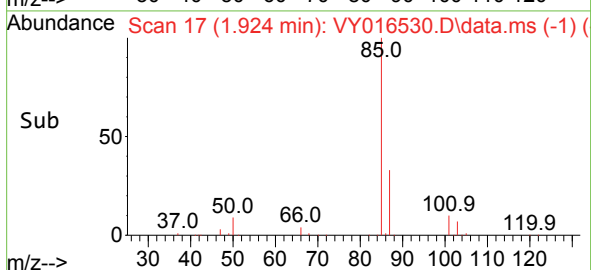
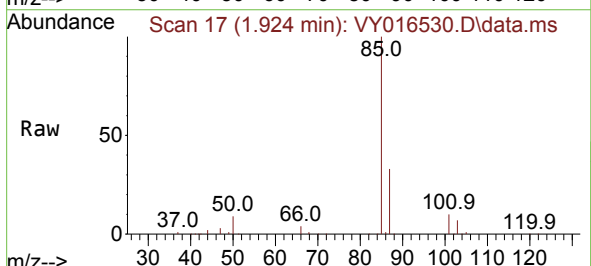


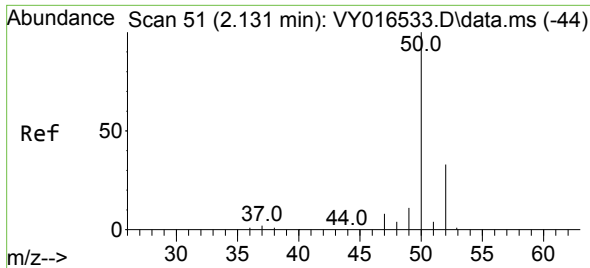
Tgt Ion:168 Resp: 173409
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 93.500 ug/l
RT: 1.924 min Scan# 17
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 85 Resp: 141236
Ion Ratio Lower Upper
85 100
87 33.4 15.6 46.8

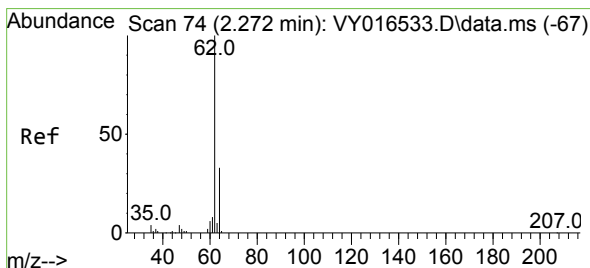
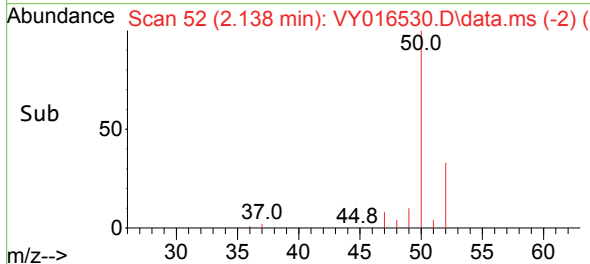
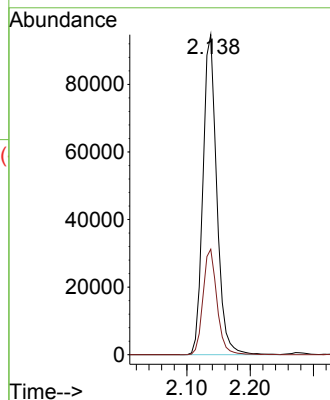
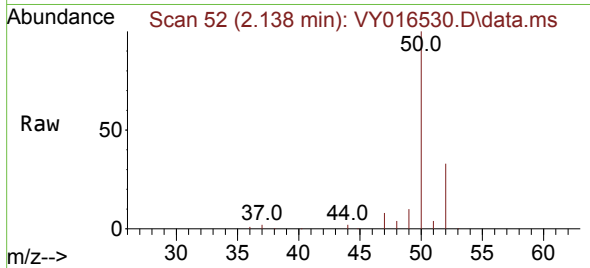




#3
Chloromethane
Concen: 95.803 ug/l
RT: 2.138 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

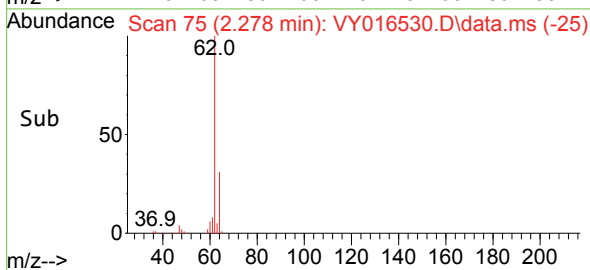
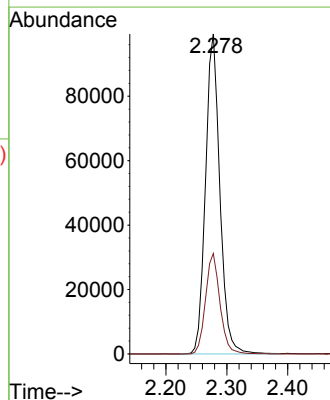
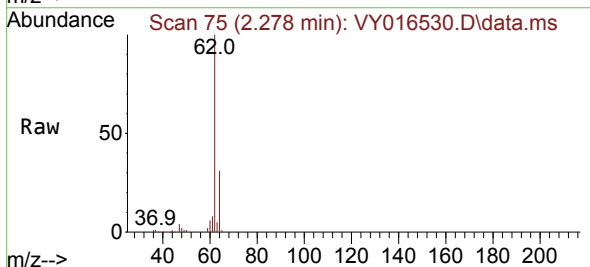
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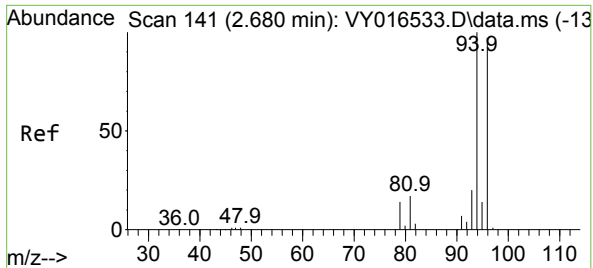
Tgt Ion: 50 Resp: 144361
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 95.749 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 62 Resp: 162847
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5

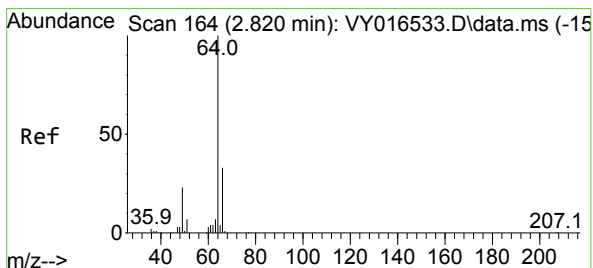
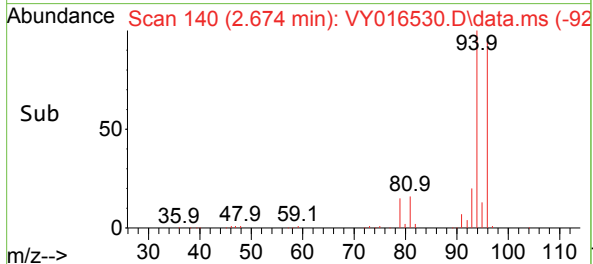
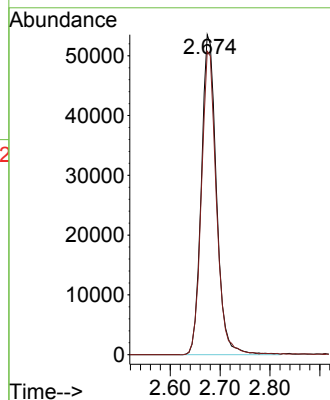
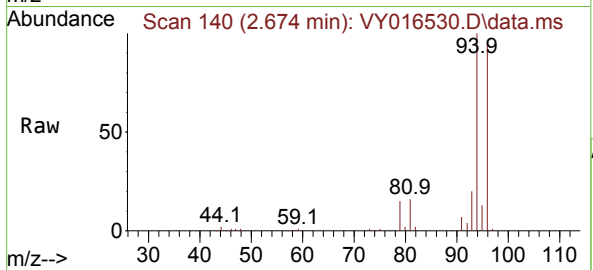




#5
Bromomethane
Concen: 102.213 ug/l
RT: 2.674 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

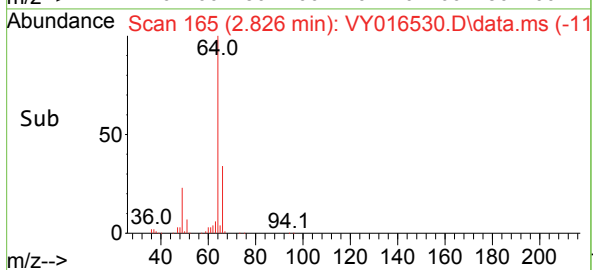
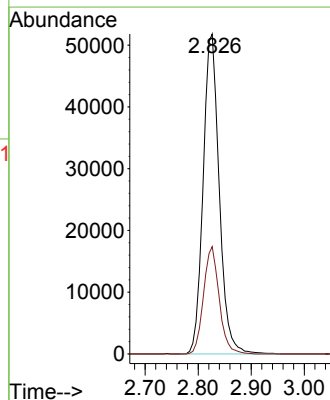
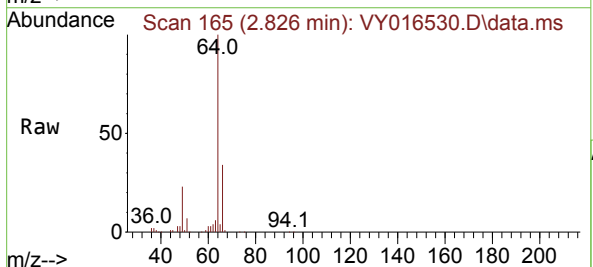
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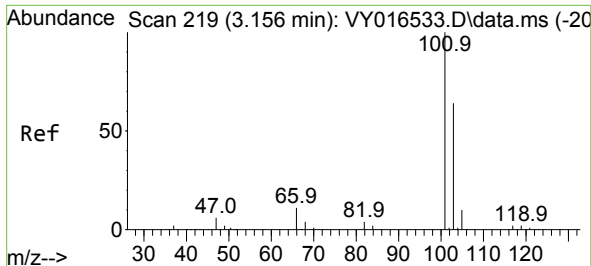
Tgt Ion: 94 Resp: 112533
Ion Ratio Lower Upper
94 100
96 94.8 75.8 113.6



#6
Chloroethane
Concen: 99.520 ug/l
RT: 2.826 min Scan# 165
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 64 Resp: 109270
Ion Ratio Lower Upper
64 100
66 33.6 24.4 36.6

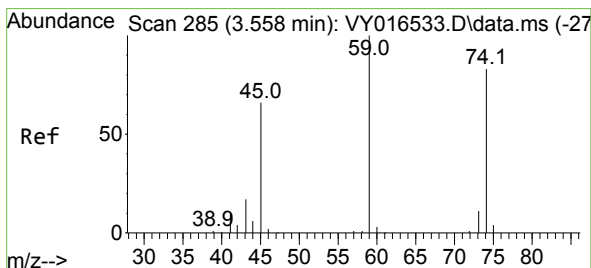
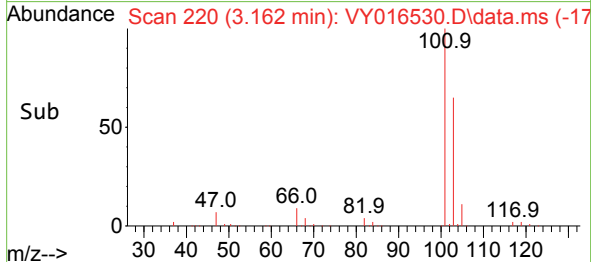
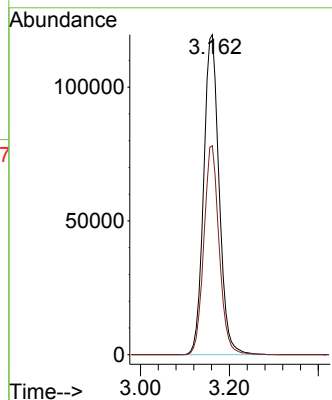
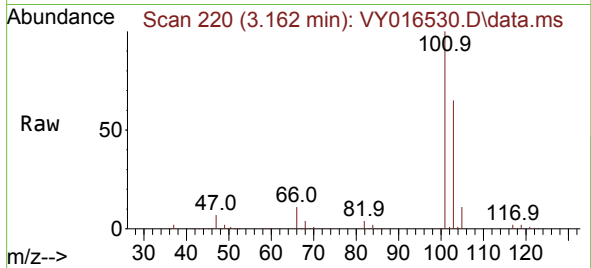




#7
 Trichlorofluoromethane
 Concen: 98.416 ug/l
 RT: 3.162 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VY016530.D
 Acq: 29 Nov 2023 10:18

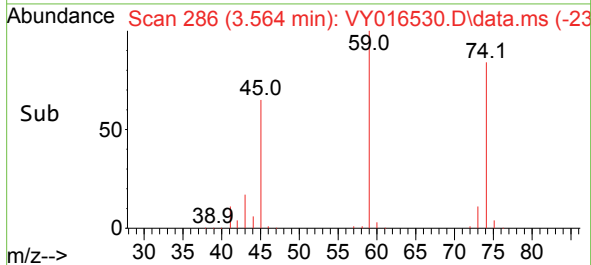
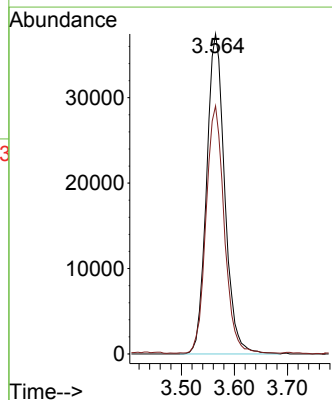
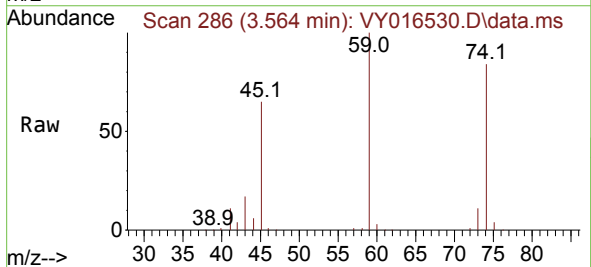
Instrument :
 MSVOA_Y
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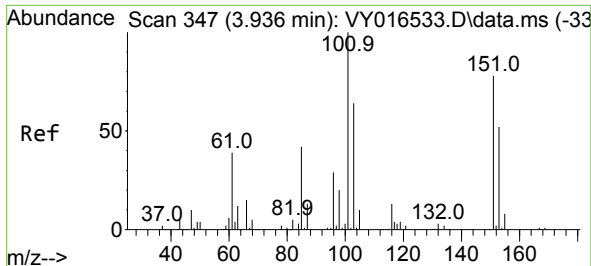
Tgt Ion:101 Resp: 289773
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 113.731 ug/l
 RT: 3.564 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY016530.D
 Acq: 29 Nov 2023 10:18

Tgt Ion: 74 Resp: 88941
 Ion Ratio Lower Upper
 74 100
 45 77.7 51.5 154.5

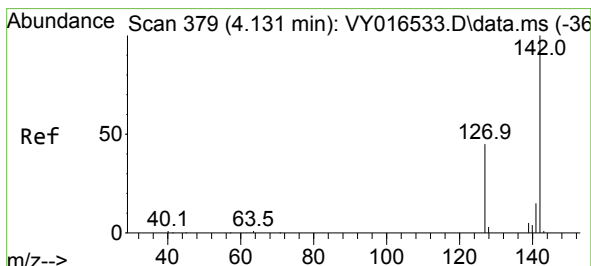
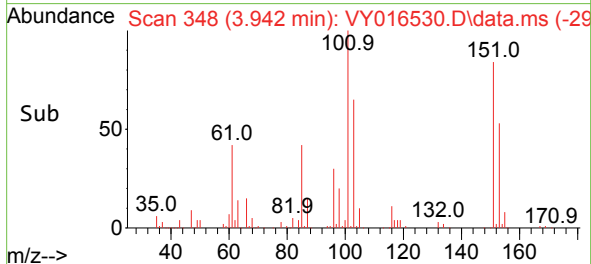
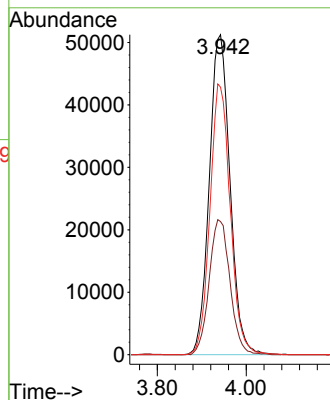
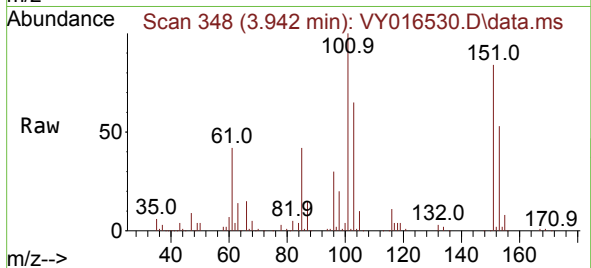




#9
1,1,2-Trichlorotrifluoroethane
Concen: 99.376 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

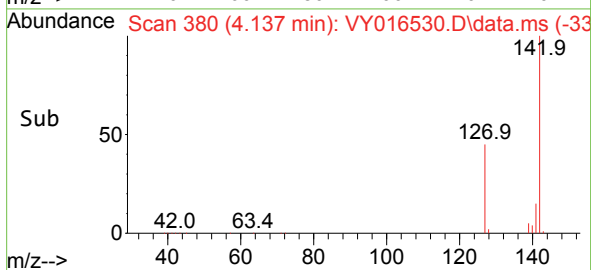
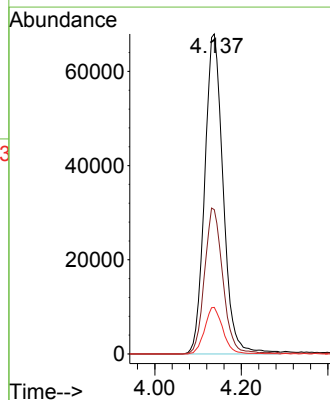
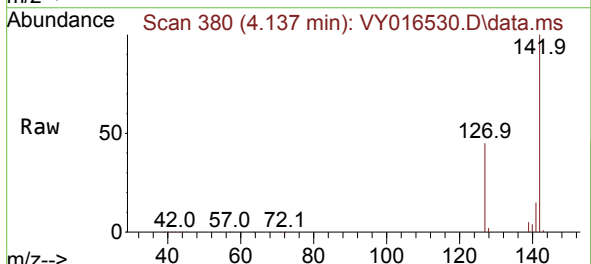
Instrument :
MSVOA_Y
ClientSampleId :

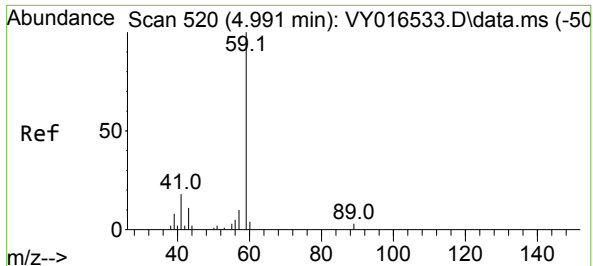
Tgt Ion:101 Resp: 166095
Ion Ratio Lower Upper
101 100
85 42.4 36.6 55.0
151 82.9 67.0 100.6



#10
Methyl Iodide
Concen: 106.479 ug/l
RT: 4.137 min Scan# 380
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion:142 Resp: 201346
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.4 11.8 17.8

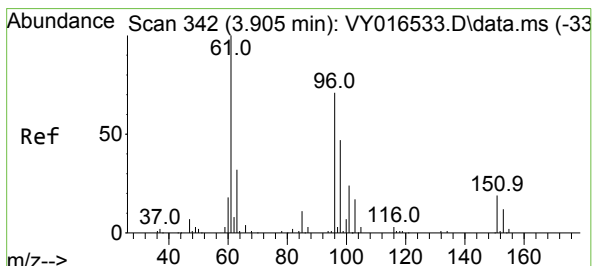
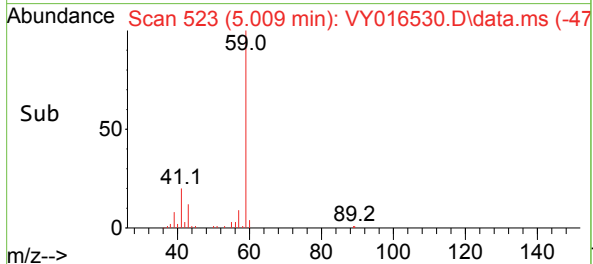
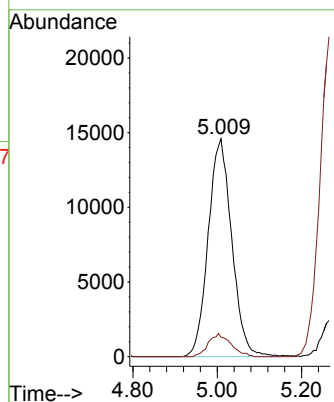
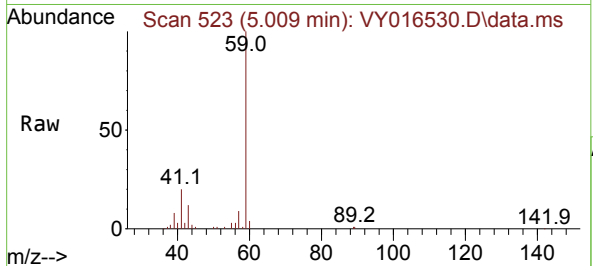




#11
Tert butyl alcohol
Concen: 651.908 ug/l
RT: 5.009 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

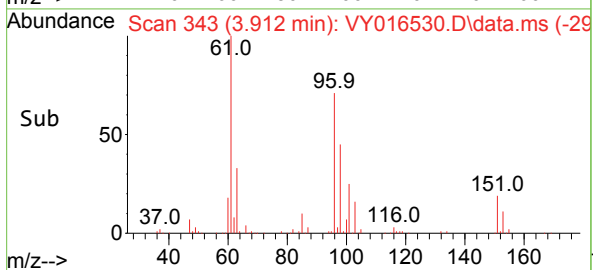
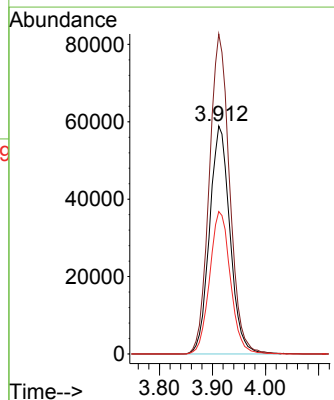
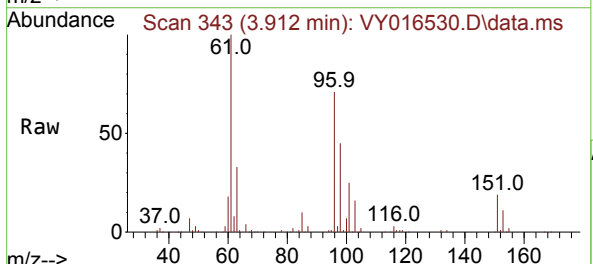
Instrument :
MSVOA_Y
ClientSampleId :

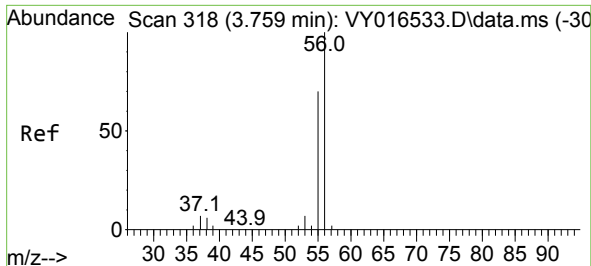
Tgt Ion: 59 Resp: 56607
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 101.112 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 96 Resp: 157943
Ion Ratio Lower Upper
96 100
61 140.4 136.4 204.6
98 62.5 49.4 74.2





#13

Acrolein

Concen: 652.415 ug/l

RT: 3.765 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

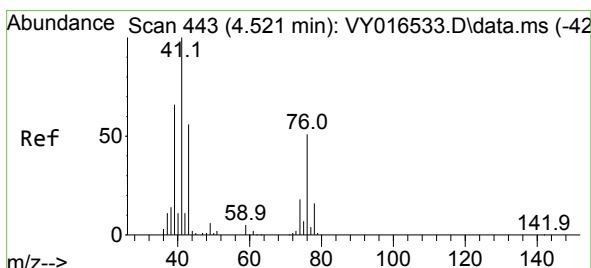
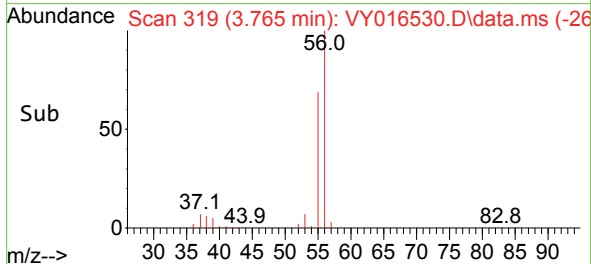
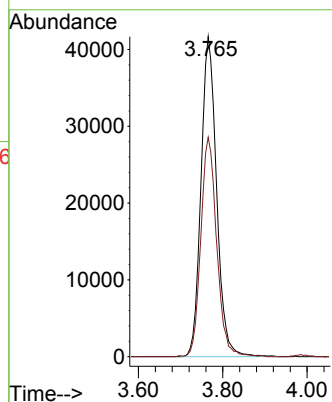
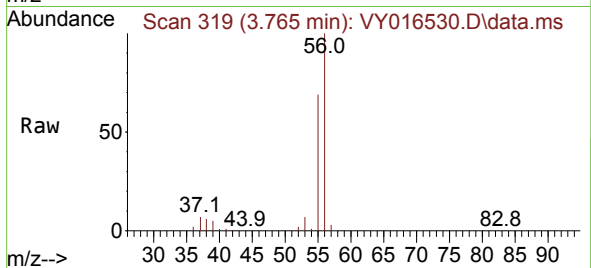
ClientSampleId :

Tgt Ion: 56 Resp: 107348

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 104.555 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

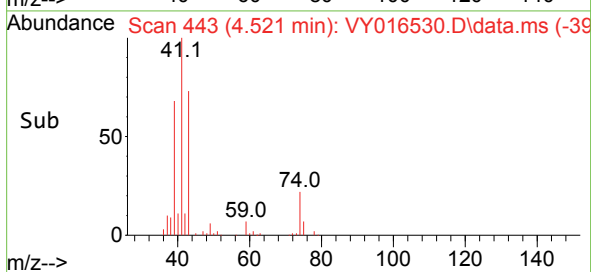
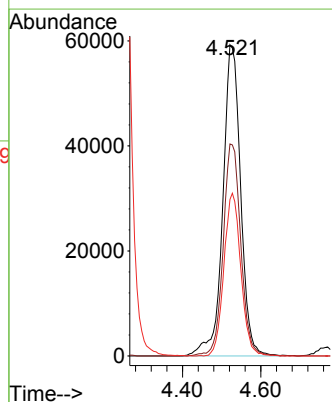
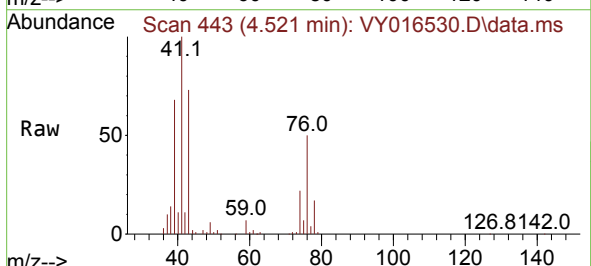
Tgt Ion: 41 Resp: 187754

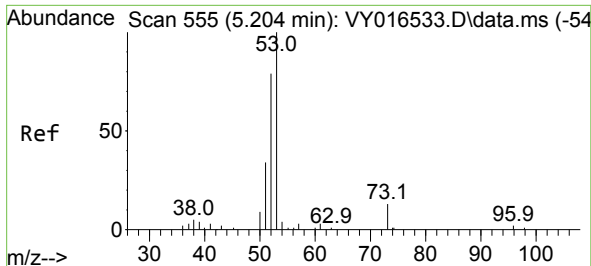
Ion Ratio Lower Upper

41 100

39 67.3 58.0 87.0

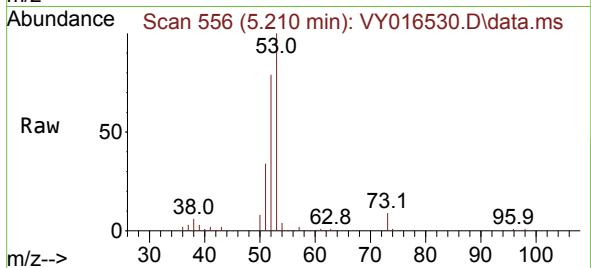
76 49.7 27.4 41.2#



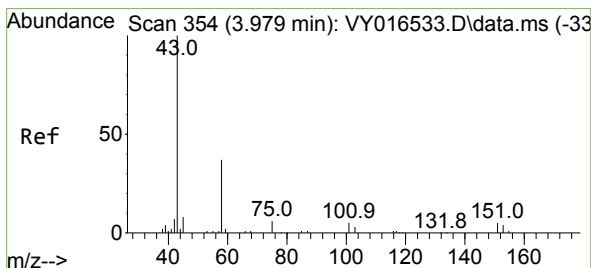
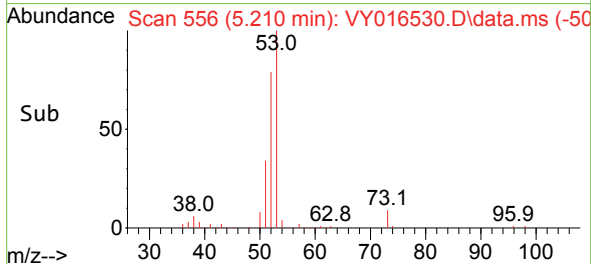
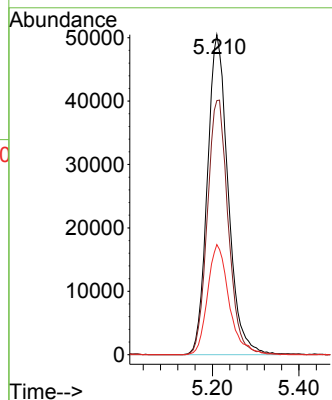


#15
Acrylonitrile
Concen: 607.331 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Instrument :
MSVOA_Y
ClientSampleId :

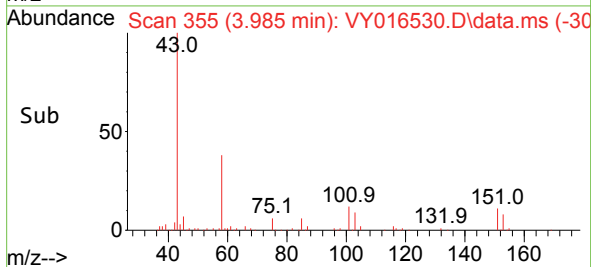
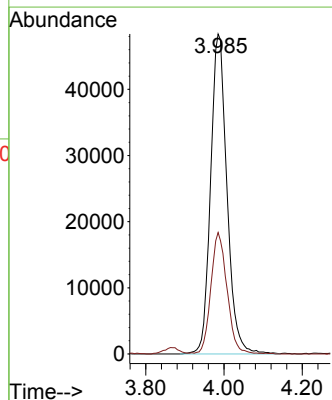
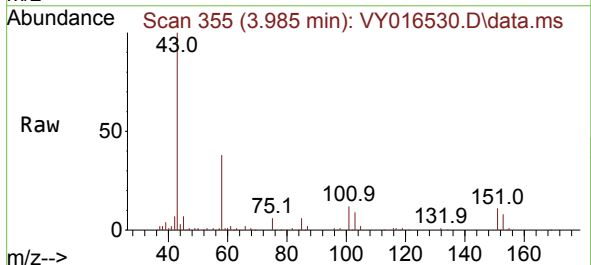


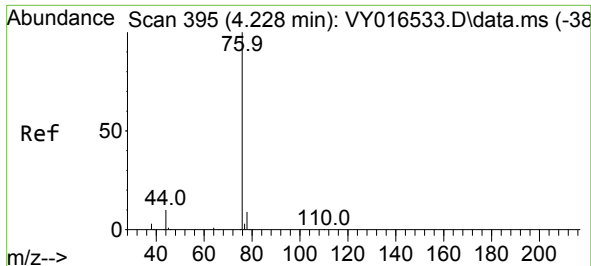
Tgt Ion: 53 Resp: 168068
Ion Ratio Lower Upper
53 100
52 79.9 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 590.725 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 43 Resp: 139901
Ion Ratio Lower Upper
43 100
58 38.0 22.7 34.1#





#17

Carbon Disulfide

Concen: 100.789 ug/l

RT: 4.241 min Scan# 397

Delta R.T. 0.012 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

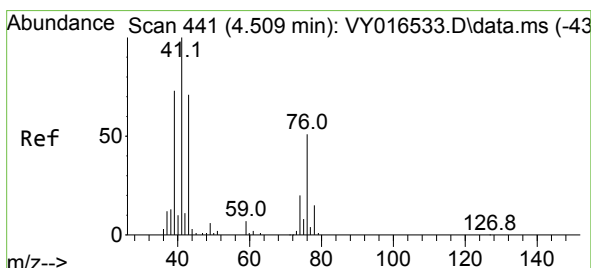
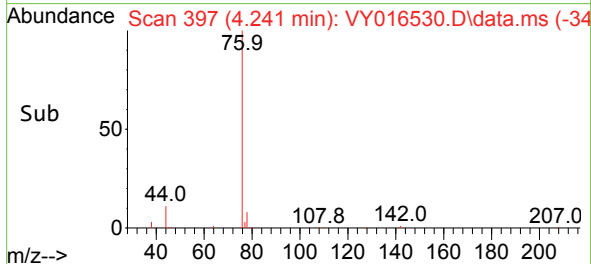
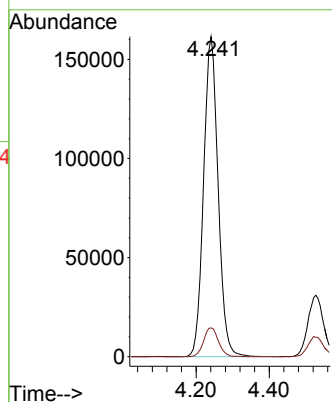
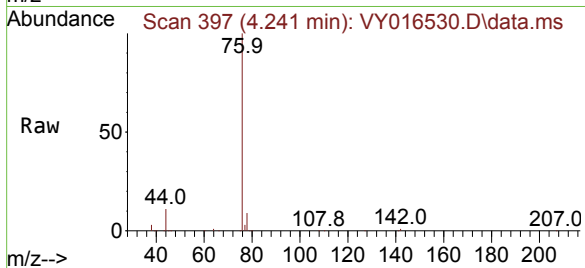
ClientSampleId :

Tgt Ion: 76 Resp: 444182

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 128.029 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.012 min

Lab File: VY016530.D

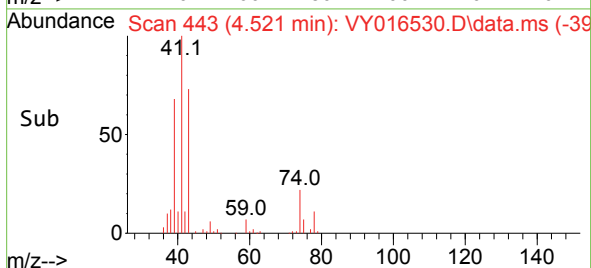
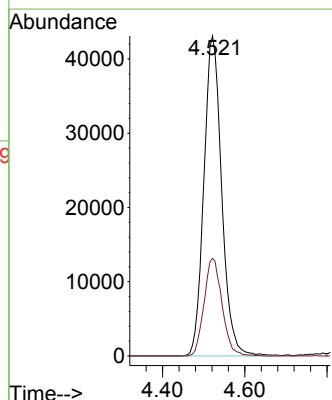
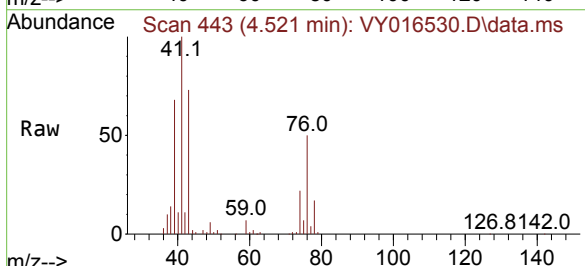
Acq: 29 Nov 2023 10:18

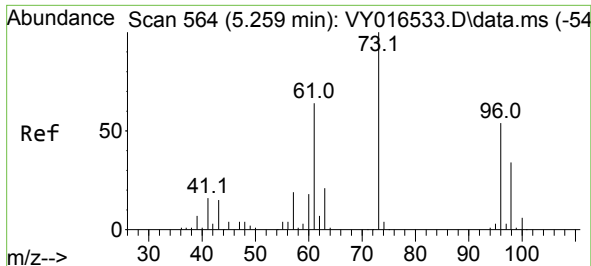
Tgt Ion: 43 Resp: 129834

Ion Ratio Lower Upper

43 100

74 30.7 17.4 26.0#

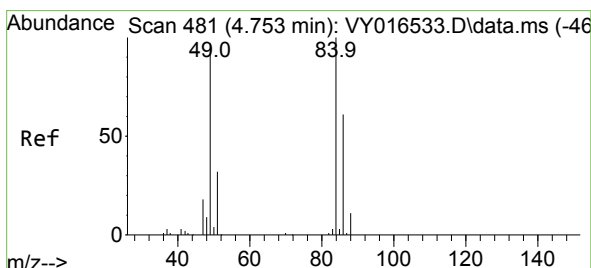
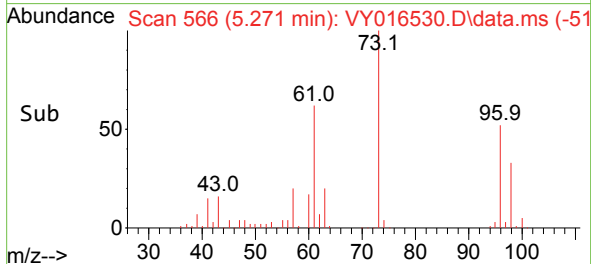
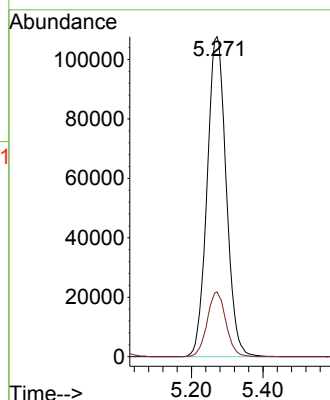
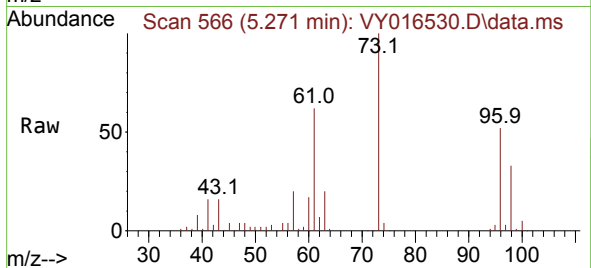




#19
Methyl tert-butyl Ether
Concen: 117.091 ug/l
RT: 5.271 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

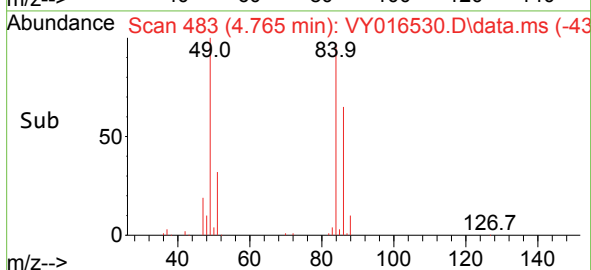
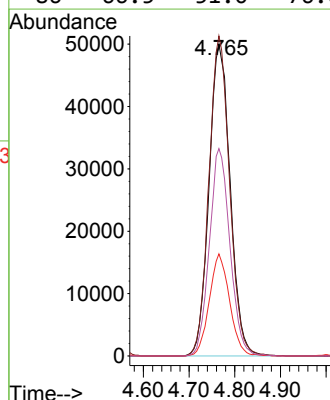
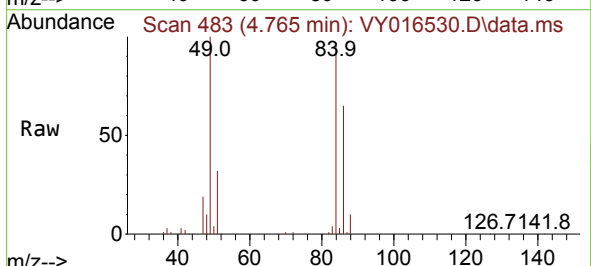
Instrument :
MSVOA_Y
ClientSampleId :

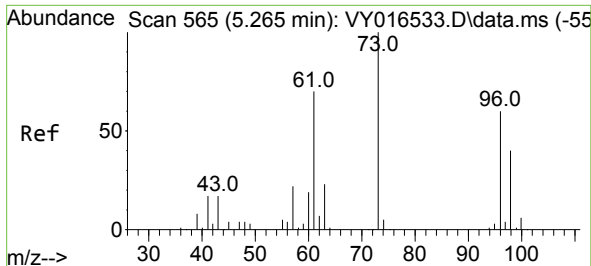
Tgt Ion: 73 Resp: 398582
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 103.223 ug/l
RT: 4.765 min Scan# 483
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

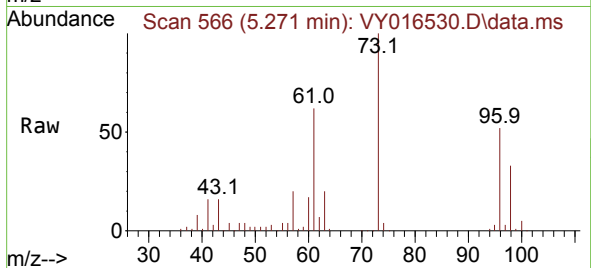
Tgt Ion: 84 Resp: 160784
Ion Ratio Lower Upper
84 100
49 102.6 106.9 160.3#
51 32.7 33.2 49.8#
86 66.5 51.0 76.6



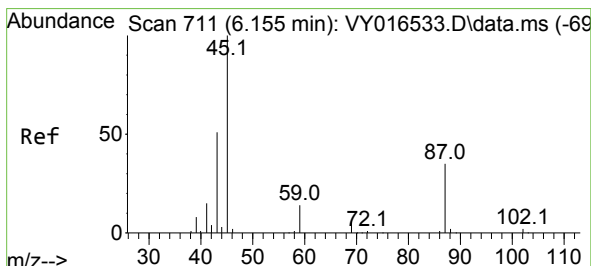
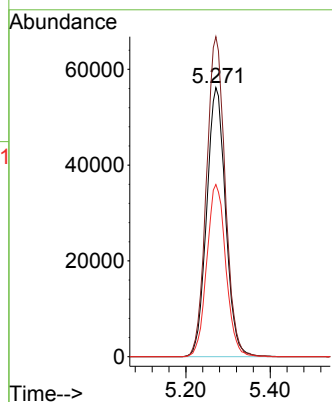
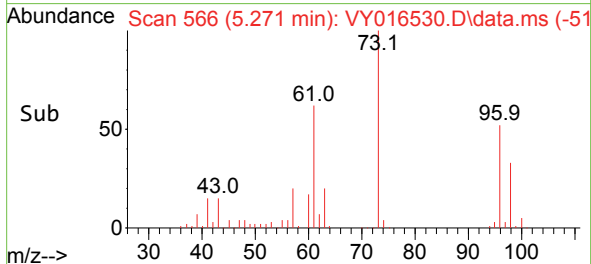


#21
trans-1,2-Dichloroethene
Concen: 100.598 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

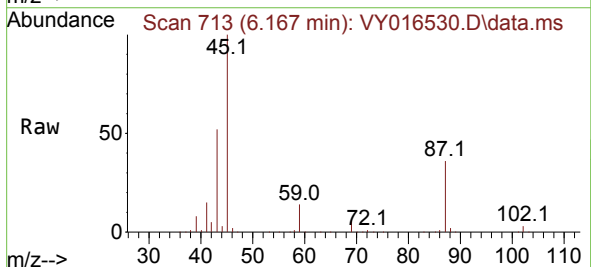
Instrument :
MSVOA_Y
ClientSampleId :



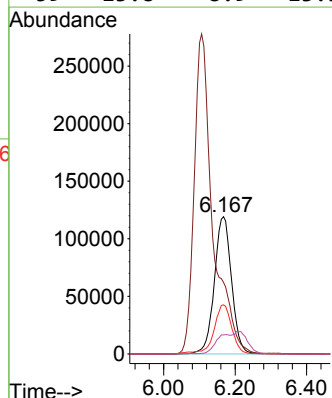
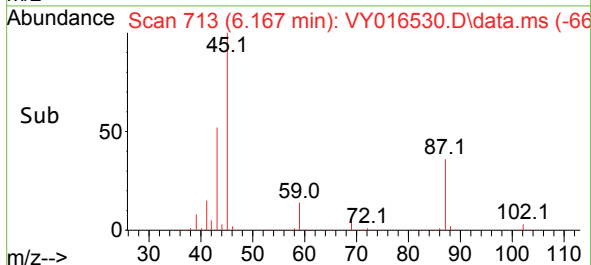
Tgt Ion: 96 Resp: 175019
Ion Ratio Lower Upper
96 100
61 118.9 110.2 165.4
98 64.0 51.8 77.6

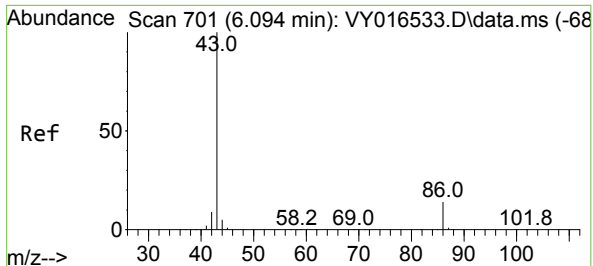


#22
Diisopropyl ether
Concen: 105.710 ug/l
RT: 6.167 min Scan# 713
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18



Tgt Ion: 45 Resp: 398039
Ion Ratio Lower Upper
45 100
43 51.5 52.2 78.4#
87 35.8 21.0 31.6#
59 13.8 8.9 13.3#





#23

Vinyl Acetate

Concen: 577.304 ug/l

RT: 6.106 min Scan# 701

Delta R.T. 0.012 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

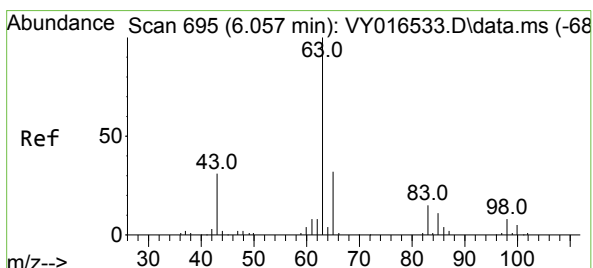
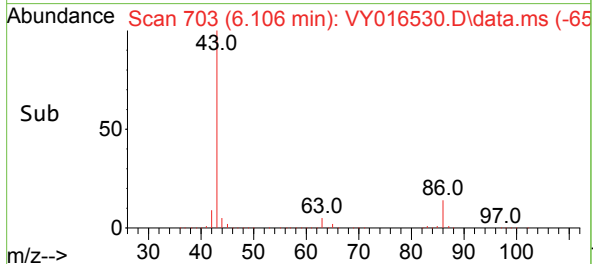
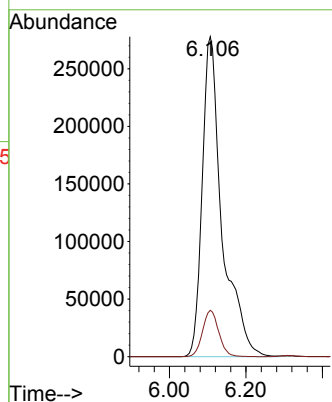
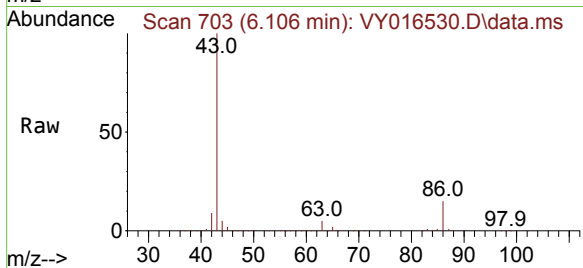
ClientSampleId :

Tgt Ion: 43 Resp: 1002447

Ion Ratio Lower Upper

43 100

86 14.5 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 101.597 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

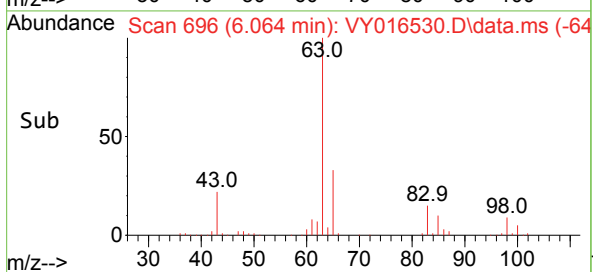
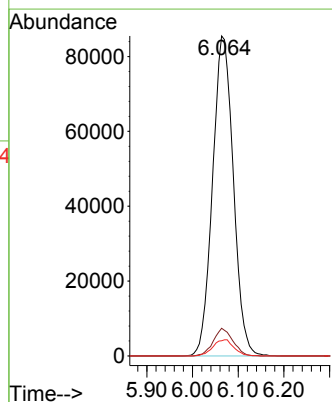
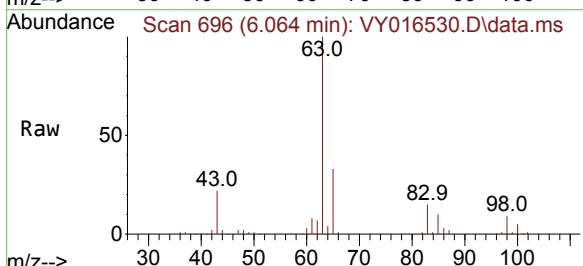
Tgt Ion: 63 Resp: 269981

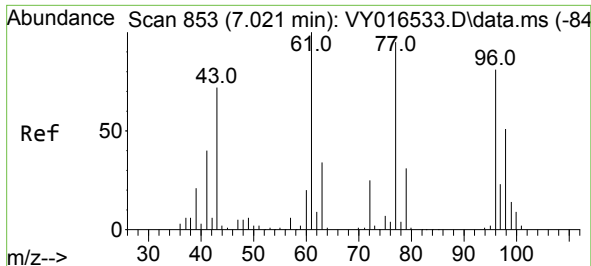
Ion Ratio Lower Upper

63 100

98 8.6 3.1 9.4

100 4.8 1.8 5.5

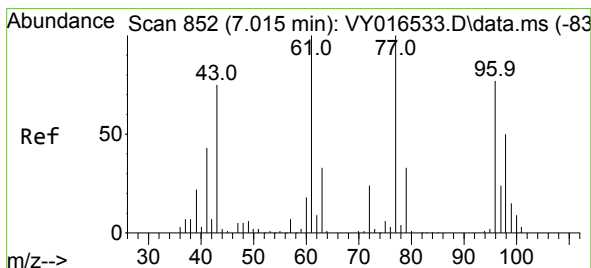
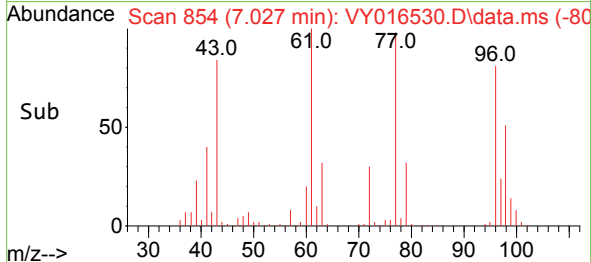
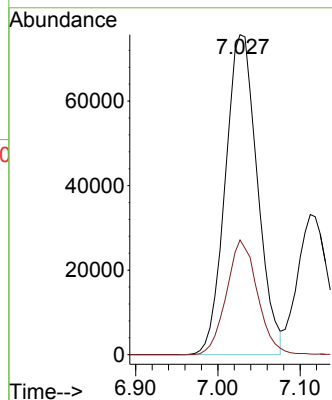
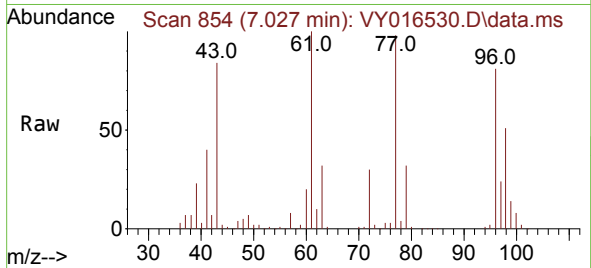




#25
2-Butanone
Concen: 555.242 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

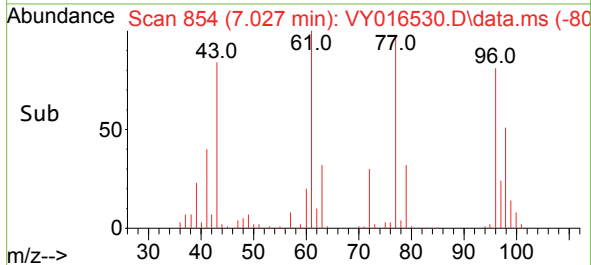
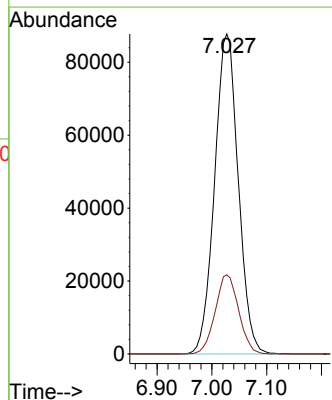
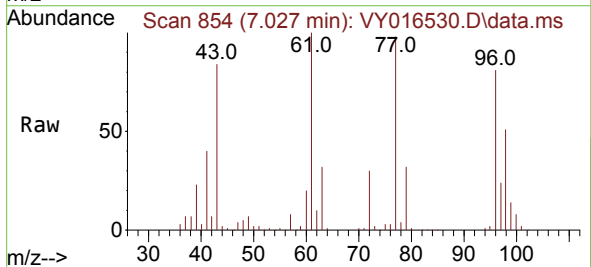
Instrument :
MSVOA_Y
ClientSampleId :

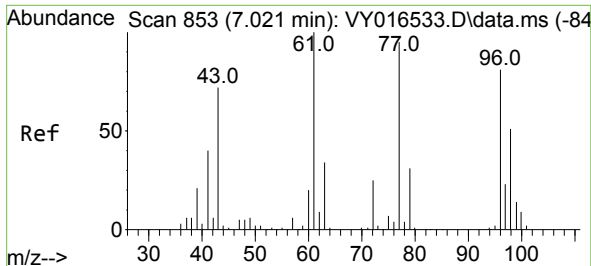
Tgt Ion: 43 Resp: 205235
Ion Ratio Lower Upper
43 100
72 35.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 100.275 ug/l
RT: 7.027 min Scan# 854
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 77 Resp: 263362
Ion Ratio Lower Upper
77 100
97 24.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 105.391 ug/l

RT: 7.033 min Scan# 853

Delta R.T. 0.012 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

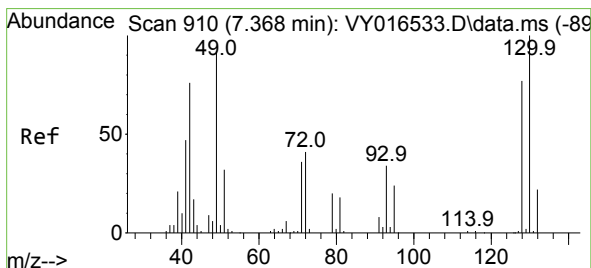
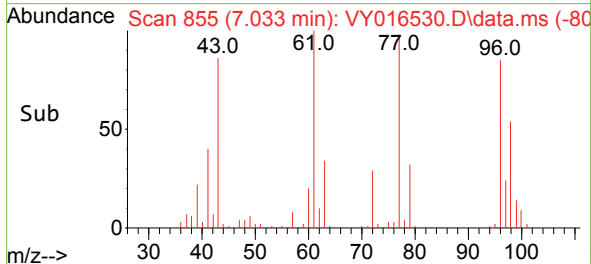
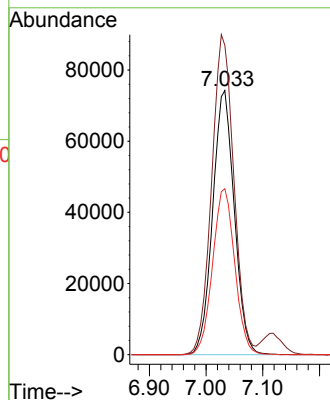
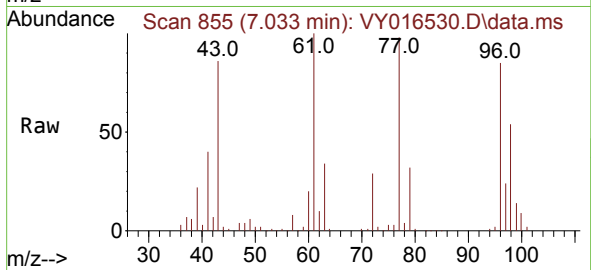
Tgt Ion: 96 Resp: 196989

Ion Ratio Lower Upper

96 100

61 124.1 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 106.403 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

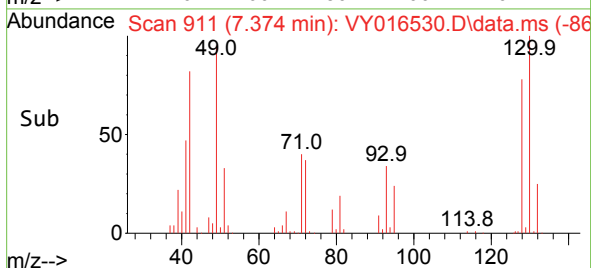
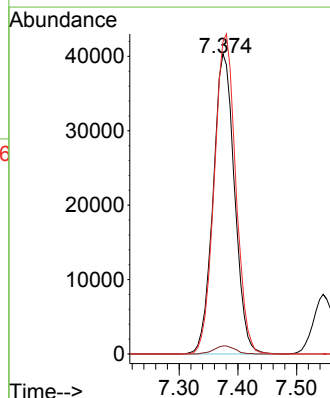
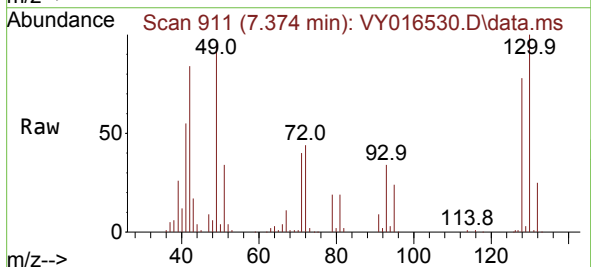
Tgt Ion: 49 Resp: 102188

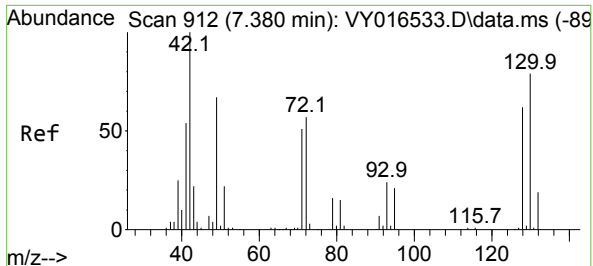
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.6

130 106.6 60.7 91.1#





#29

Tetrahydrofuran

Concen: 653.077 ug/l

RT: 7.387 min Scan# 912

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

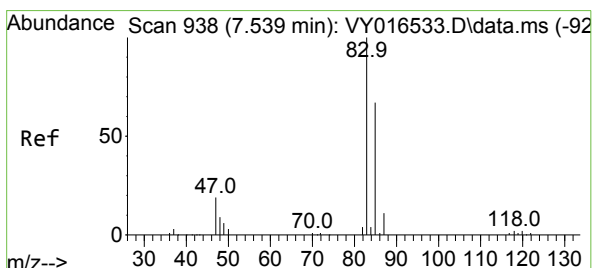
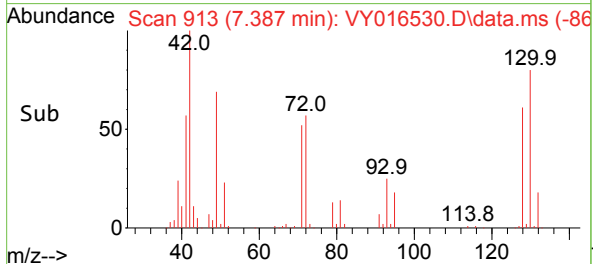
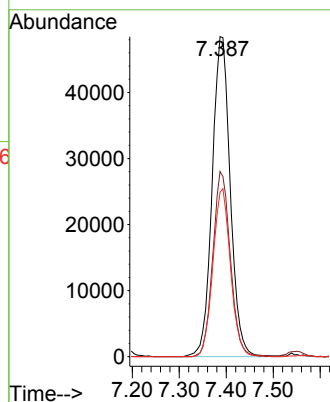
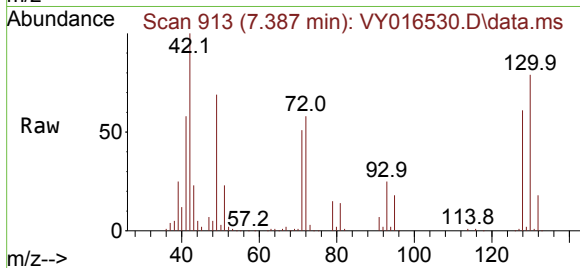
Tgt Ion: 42 Resp: 129683

Ion Ratio Lower Upper

42 100

72 55.9 32.8 49.2#

71 51.2 31.0 46.4#



#30

Chloroform

Concen: 101.839 ug/l

RT: 7.545 min Scan# 939

Delta R.T. 0.006 min

Lab File: VY016530.D

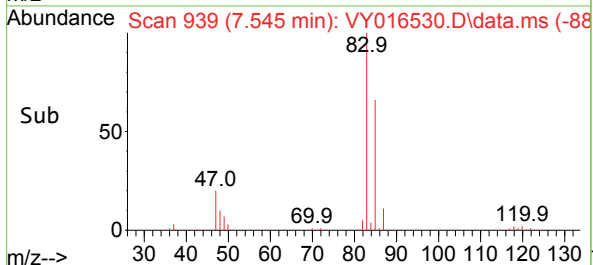
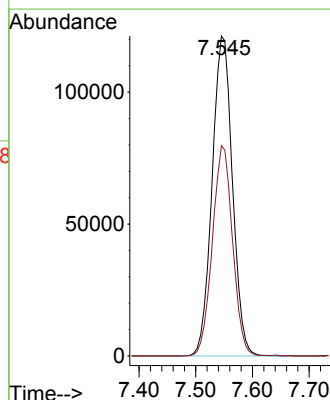
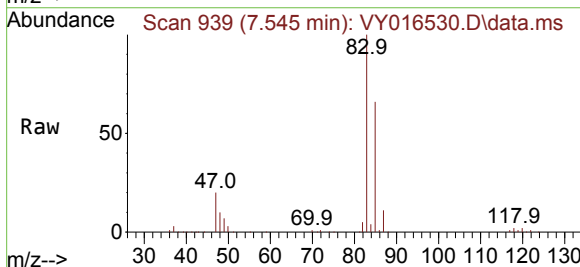
Acq: 29 Nov 2023 10:18

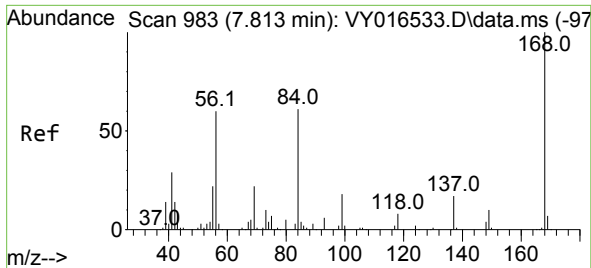
Tgt Ion: 83 Resp: 301632

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

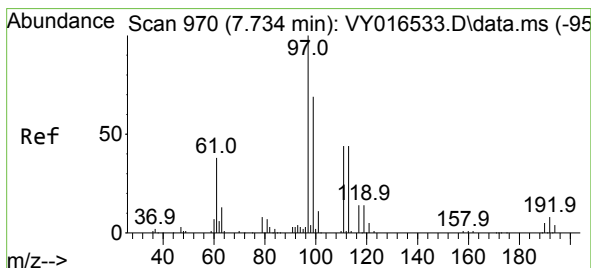
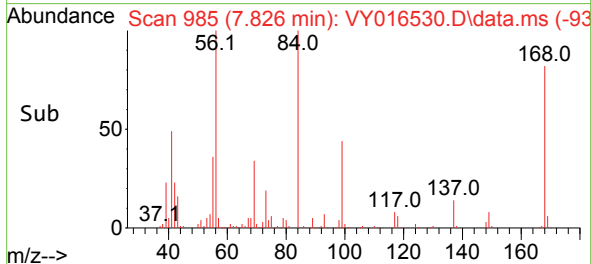
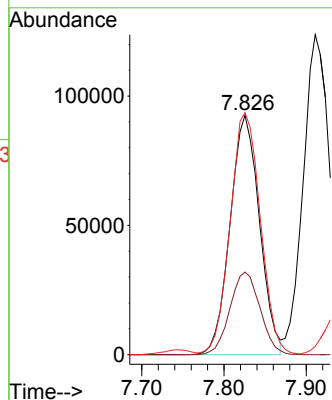
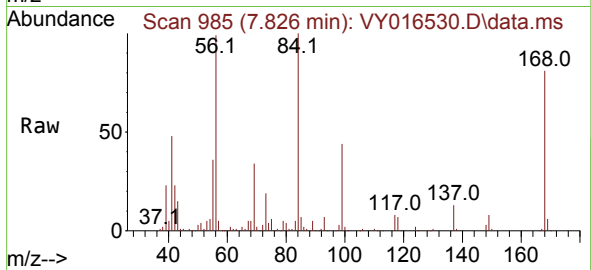




#31
Cyclohexane
Concen: 95.793 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

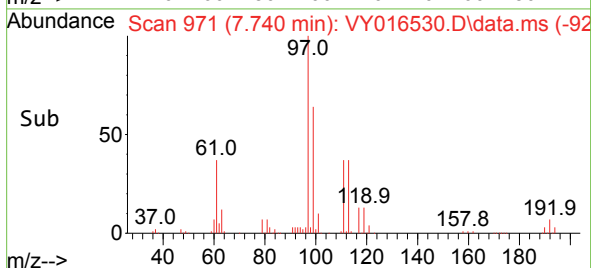
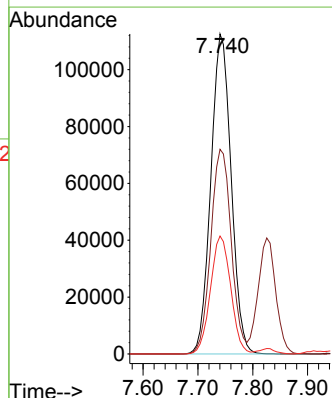
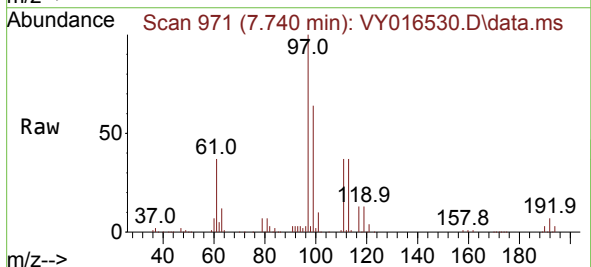
Instrument :
MSVOA_Y
ClientSampleId :

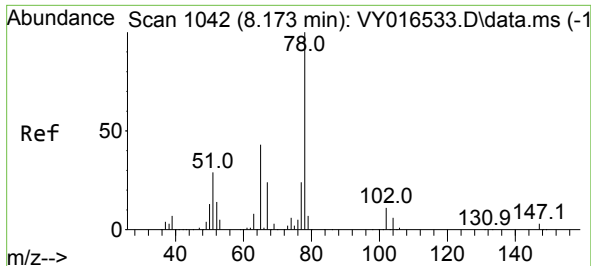
Tgt Ion: 56 Resp: 230397
Ion Ratio Lower Upper
56 100
69 34.5 27.8 41.6
84 99.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 100.584 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 97 Resp: 288693
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 36.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 111.328 ug/l

RT: 8.179 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

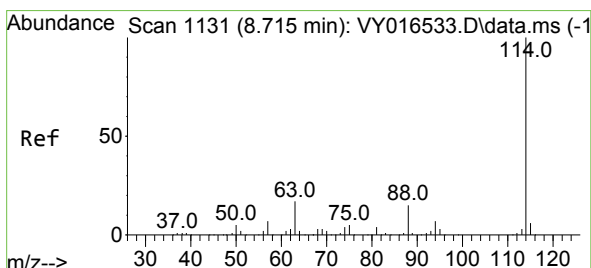
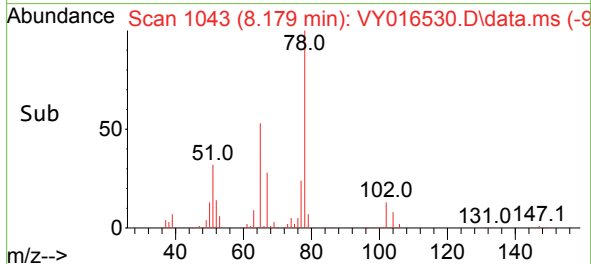
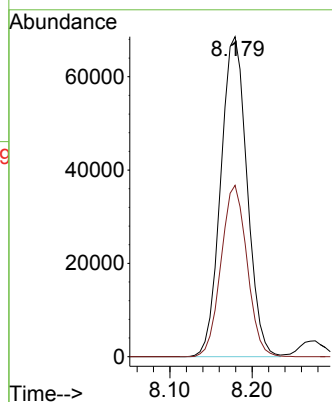
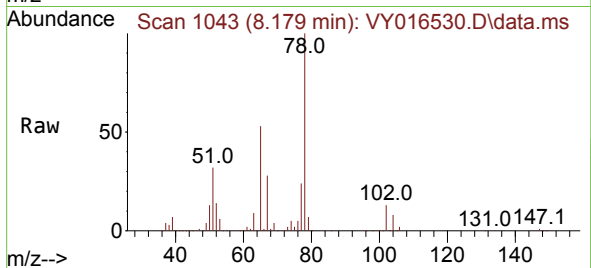
ClientSampleId :

Tgt Ion: 65 Resp: 152520

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

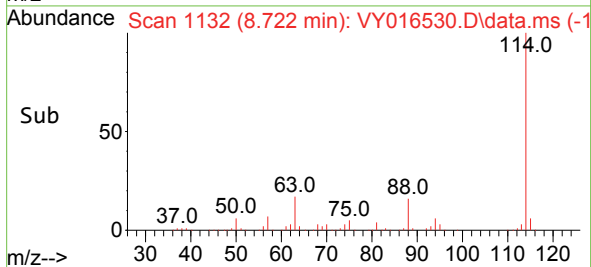
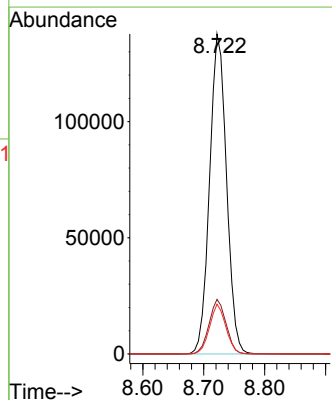
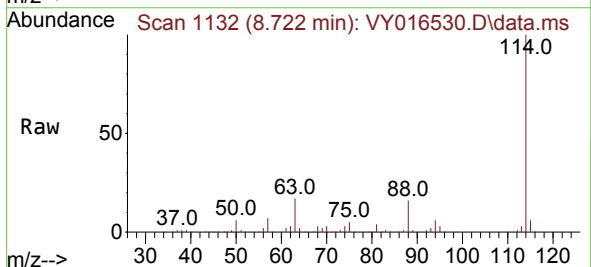
Tgt Ion: 114 Resp: 265976

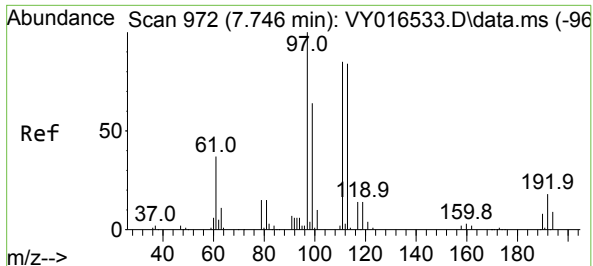
Ion Ratio Lower Upper

114 100

63 17.1 0.0 42.4

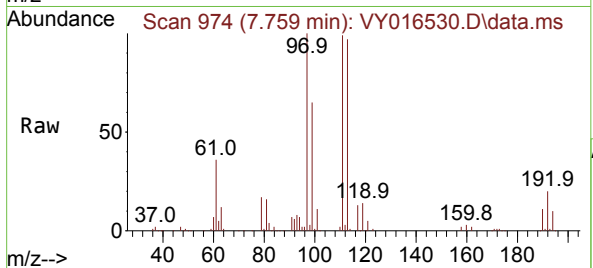
88 15.6 0.0 30.6



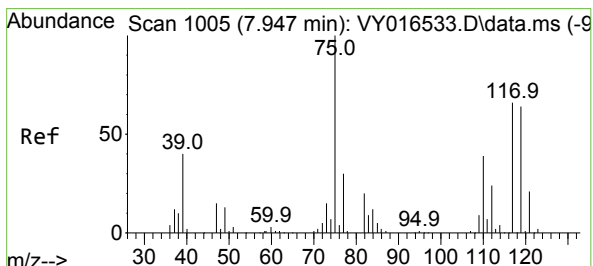
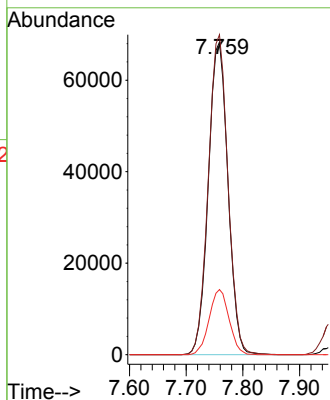
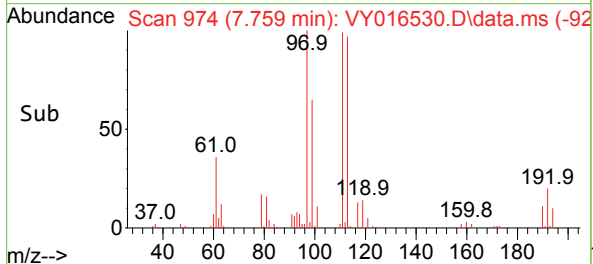


#35
Dibromofluoromethane
Concen: 105.127 ug/l
RT: 7.759 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

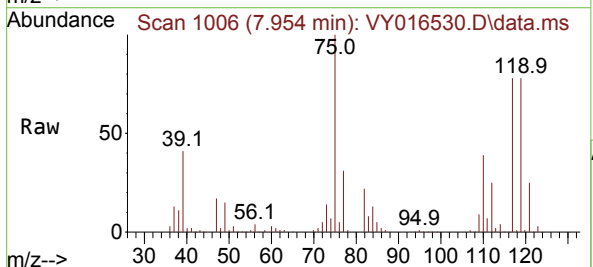
Instrument :
MSVOA_Y
ClientSampleId :



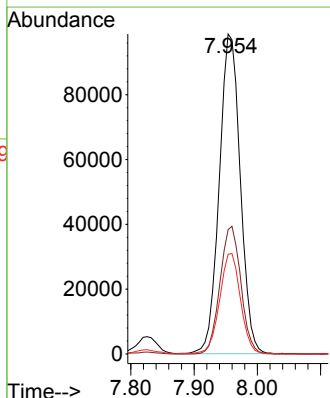
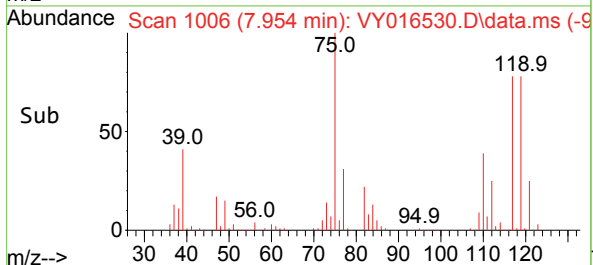
Tgt Ion:113 Resp: 164107
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 21.1 16.9 25.3

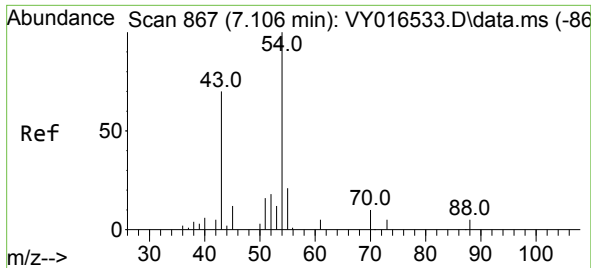


#36
1,1-Dichloropropene
Concen: 98.503 ug/l
RT: 7.954 min Scan# 1006
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18



Tgt Ion: 75 Resp: 227067
Ion Ratio Lower Upper
75 100
110 39.7 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 123.276 ug/l

RT: 7.112 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

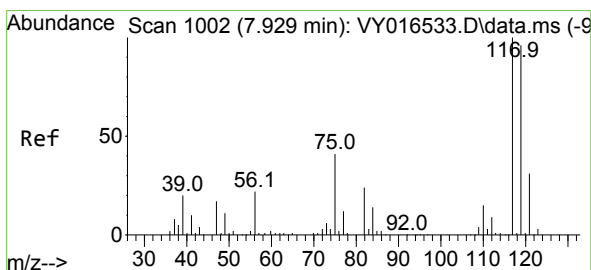
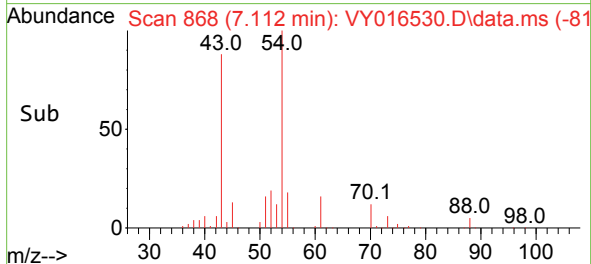
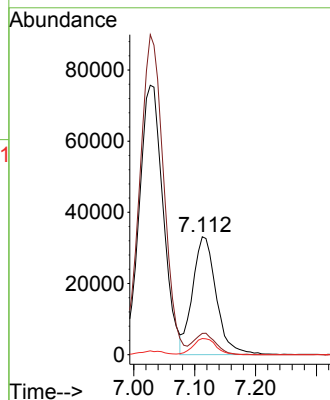
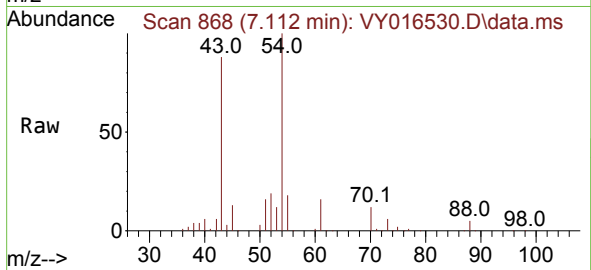
Tgt Ion: 43 Resp: 89067

Ion Ratio Lower Upper

43 100

61 16.8 10.1 15.1#

70 13.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 99.759 ug/l

RT: 7.941 min Scan# 1004

Delta R.T. 0.012 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

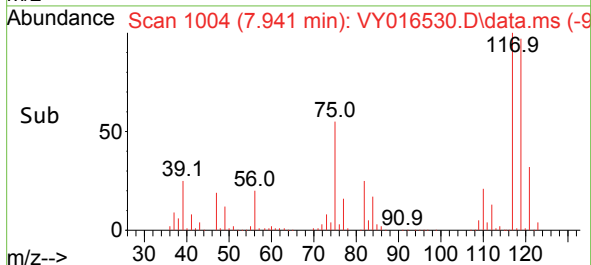
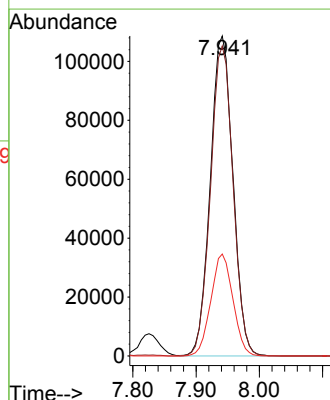
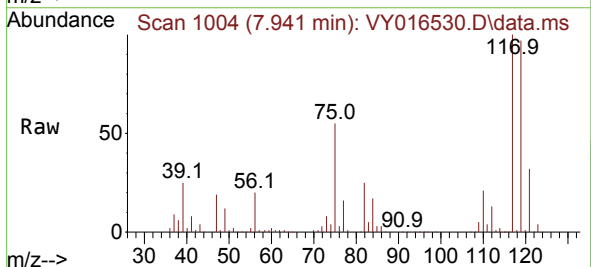
Tgt Ion: 117 Resp: 269907

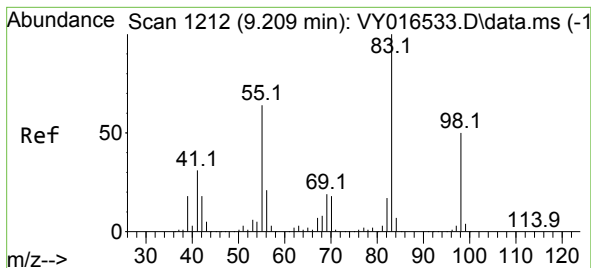
Ion Ratio Lower Upper

117 100

119 96.9 76.4 114.6

121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 103.547 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

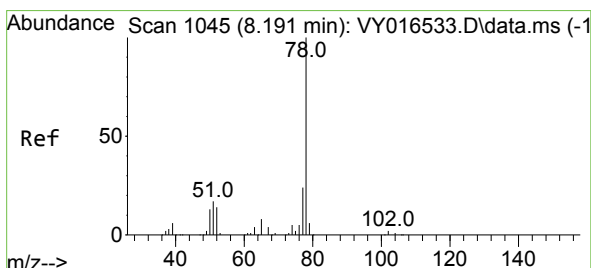
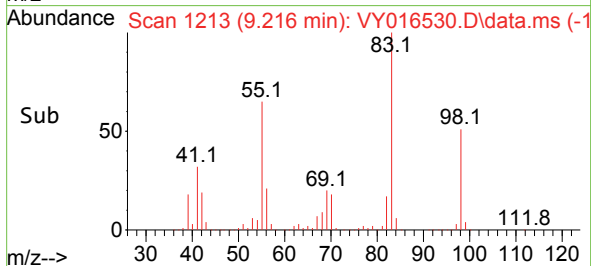
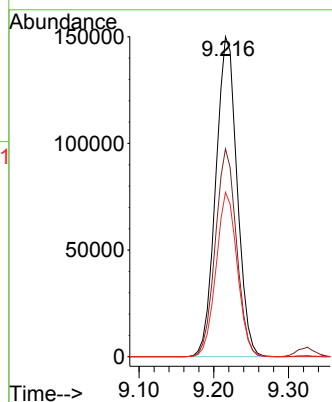
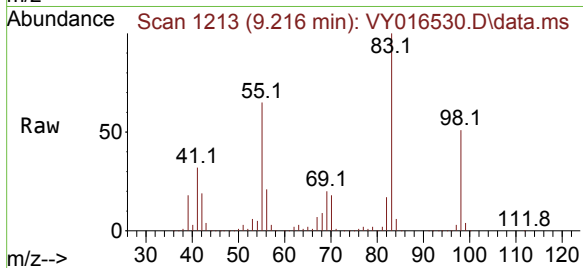
Tgt Ion: 83 Resp: 297727

Ion Ratio Lower Upper

83 100

55 64.9 63.0 94.4

98 51.3 37.4 56.2



#40

Benzene

Concen: 100.531 ug/l

RT: 8.197 min Scan# 1046

Delta R.T. 0.006 min

Lab File: VY016530.D

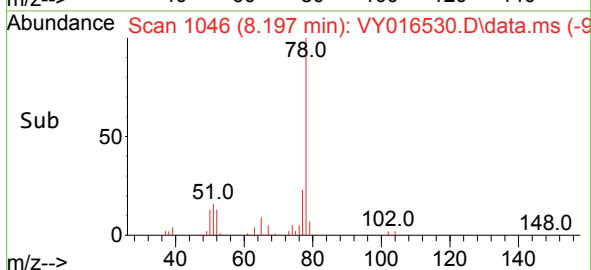
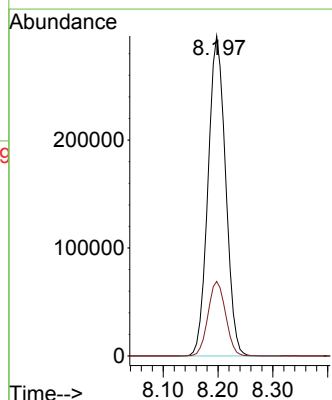
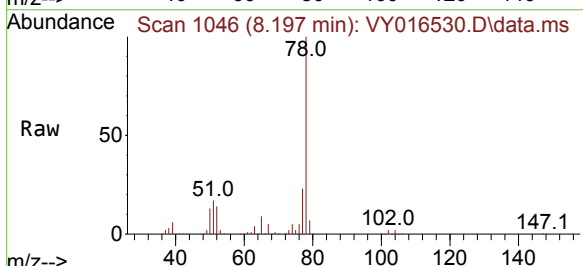
Acq: 29 Nov 2023 10:18

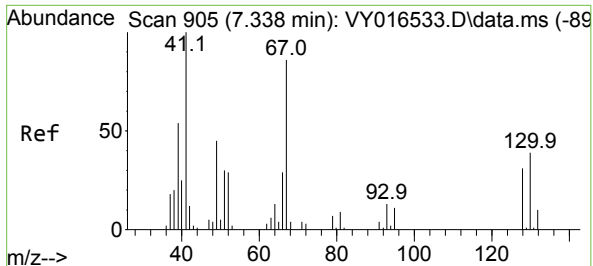
Tgt Ion: 78 Resp: 657070

Ion Ratio Lower Upper

78 100

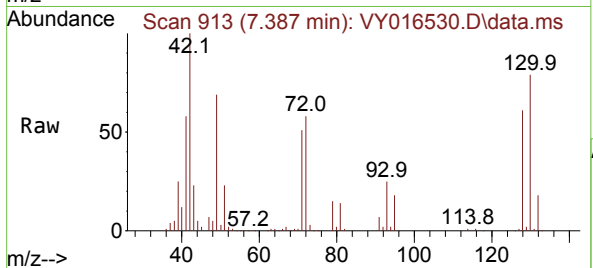
77 23.3 19.0 28.6



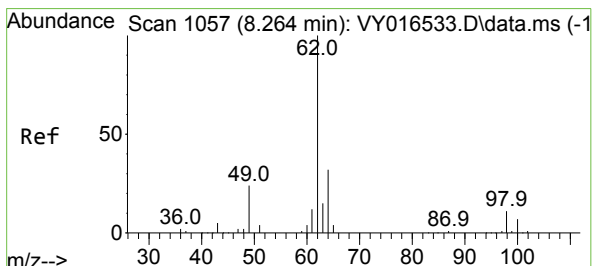
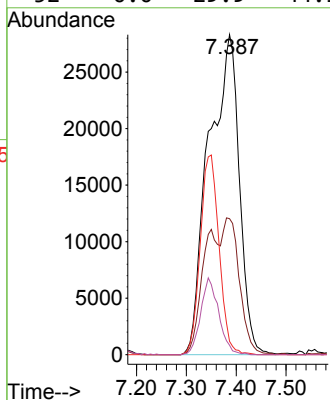
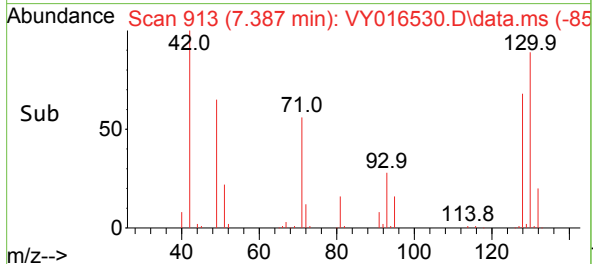


#41
Methacrylonitrile
Concen: 300.038 ug/l
RT: 7.387 min Scan# 913
Delta R.T. 0.049 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

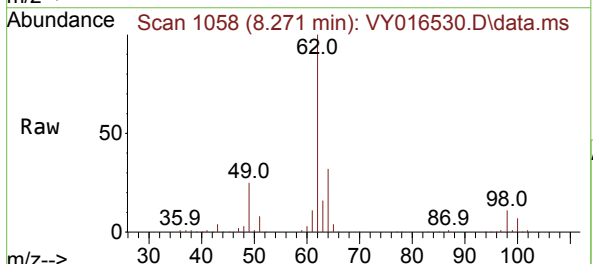
Instrument :
MSVOA_Y
ClientSampleId :



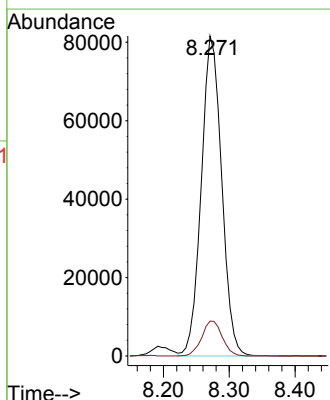
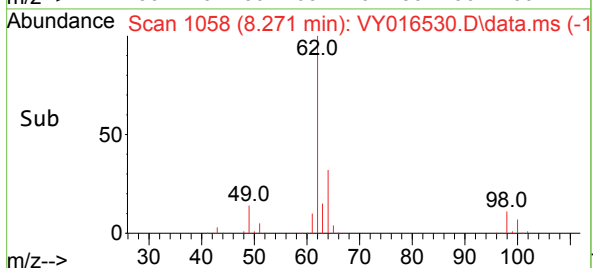
Tgt Ion: 41 Resp: 119838
Ion Ratio Lower Upper
41 100
39 23.5 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

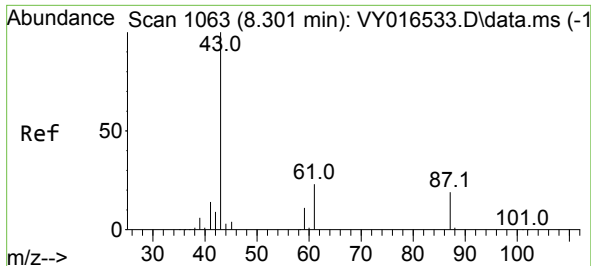


#42
1,2-Dichloroethane
Concen: 108.635 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18



Tgt Ion: 62 Resp: 175953
Ion Ratio Lower Upper
62 100
98 11.0 0.0 15.8

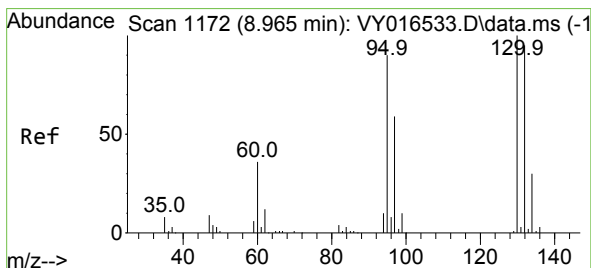
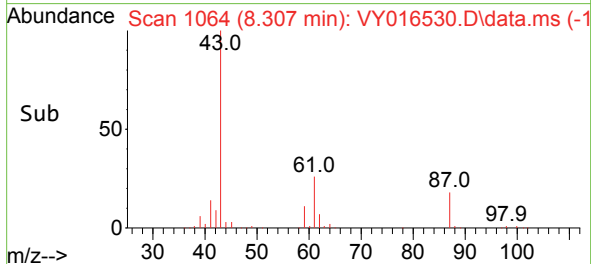
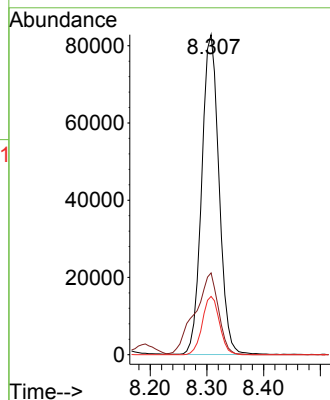
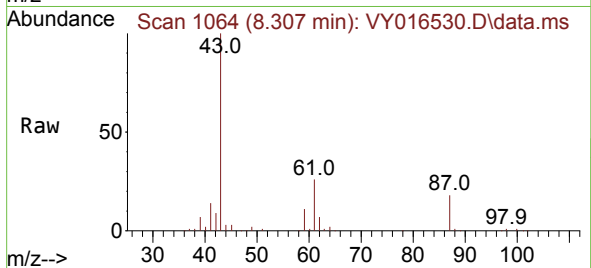




#43
Isopropyl Acetate
Concen: 123.140 ug/l
RT: 8.307 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

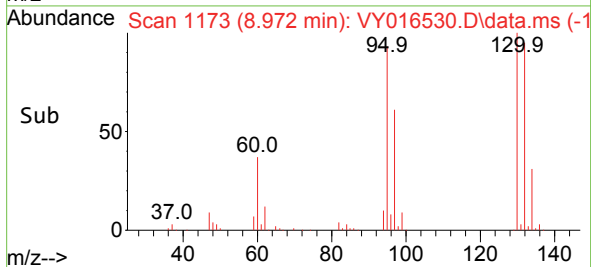
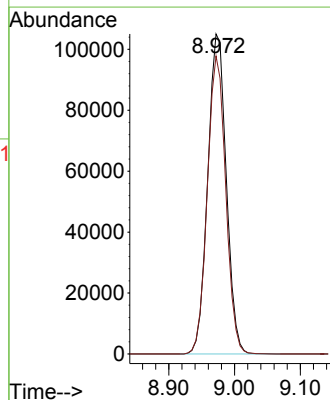
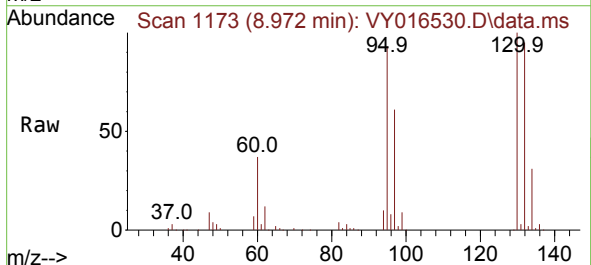
Instrument :
MSVOA_Y
ClientSampleId :

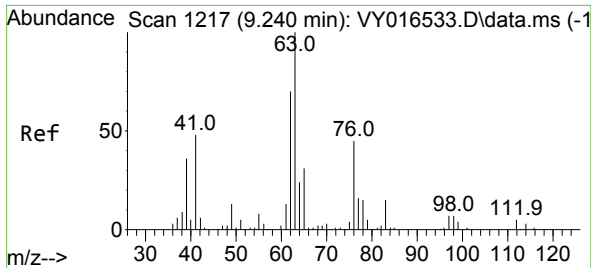
Tgt Ion: 43 Resp: 174949
Ion Ratio Lower Upper
43 100
61 34.9 21.1 31.7#
87 18.0 9.8 14.8#



#44
Trichloroethene
Concen: 102.619 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion:130 Resp: 206591
Ion Ratio Lower Upper
130 100
95 93.1 0.0 196.0

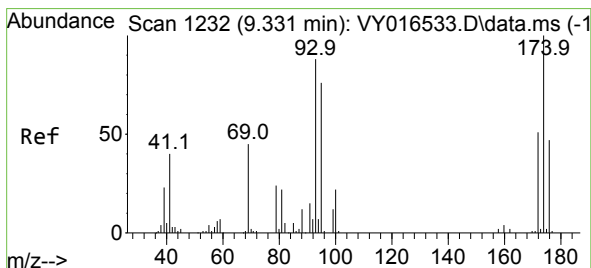
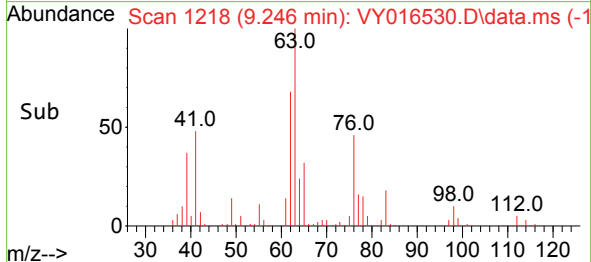
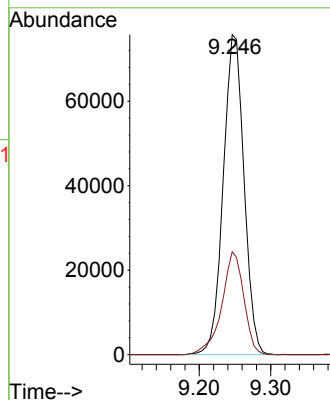
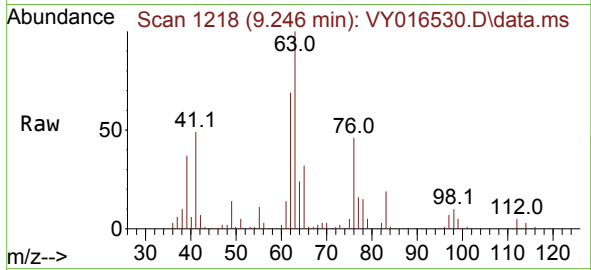




#45
1,2-Dichloropropane
Concen: 103.763 ug/l
RT: 9.246 min Scan# 1217
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

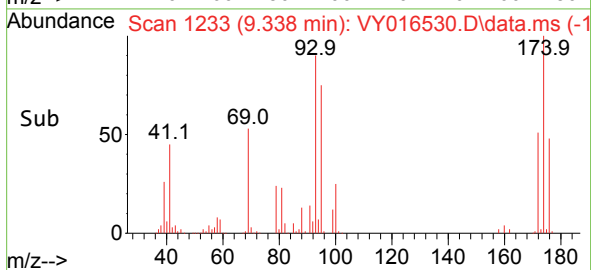
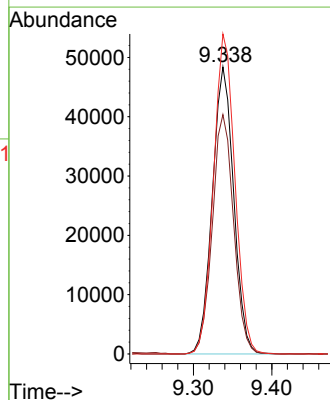
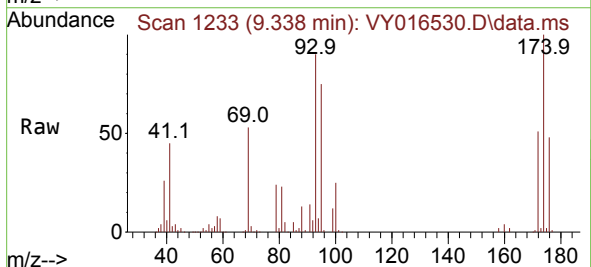
Instrument :
MSVOA_Y
ClientSampleId :

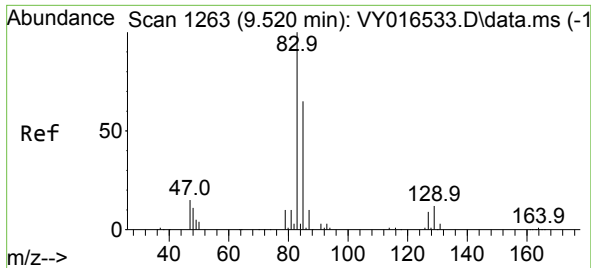
Tgt Ion: 63 Resp: 153033
Ion Ratio Lower Upper
63 100
65 32.2 23.8 35.6



#46
Dibromomethane
Concen: 110.685 ug/l
RT: 9.338 min Scan# 1233
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

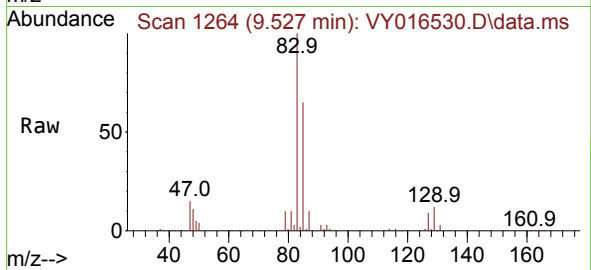
Tgt Ion: 93 Resp: 91791
Ion Ratio Lower Upper
93 100
95 83.1 66.6 100.0
174 111.9 84.8 127.2



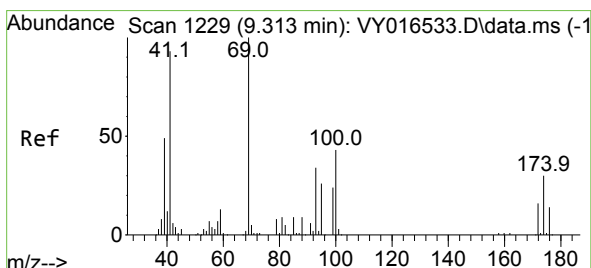
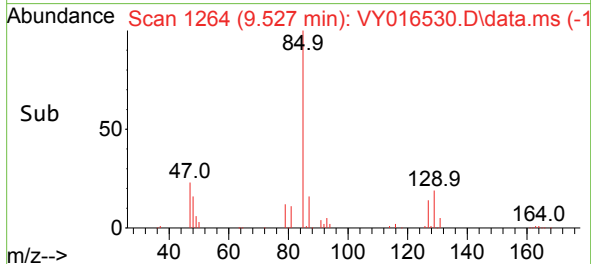
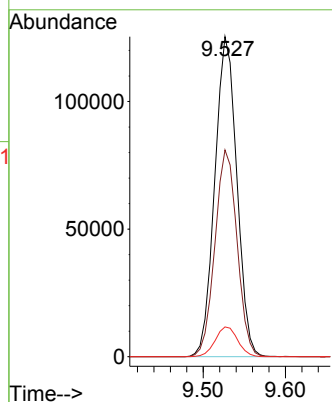


#47
Bromodichloromethane
Concen: 106.753 ug/l
RT: 9.527 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Instrument :
MSVOA_Y
ClientSampleId :

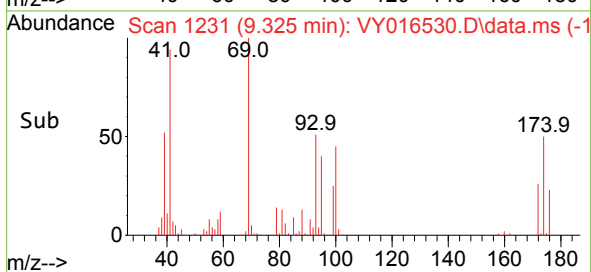
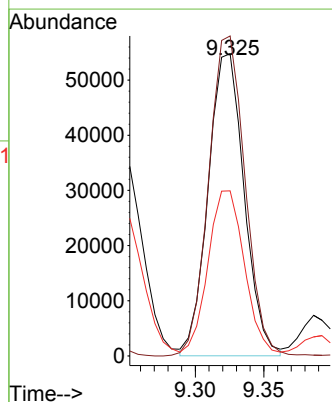
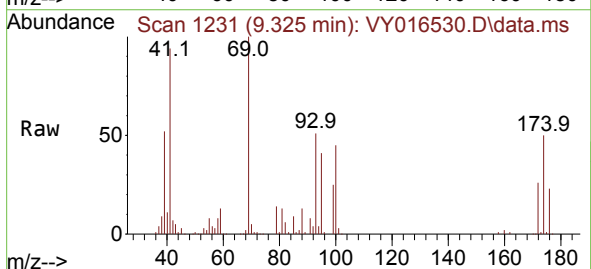


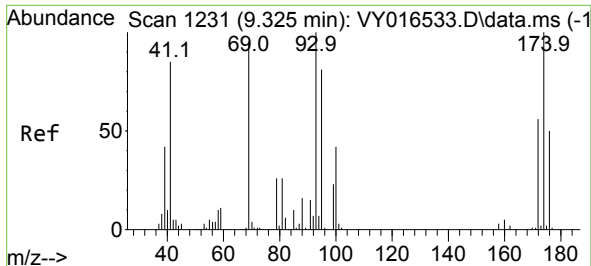
Tgt Ion: 83 Resp: 233739
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 125.365 ug/l
RT: 9.325 min Scan# 1231
Delta R.T. 0.012 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 41 Resp: 99994
Ion Ratio Lower Upper
41 100
69 107.2 64.5 96.7#
39 53.4 50.8 76.2





#49

1,4-Dioxane

Concen: 2619.740 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

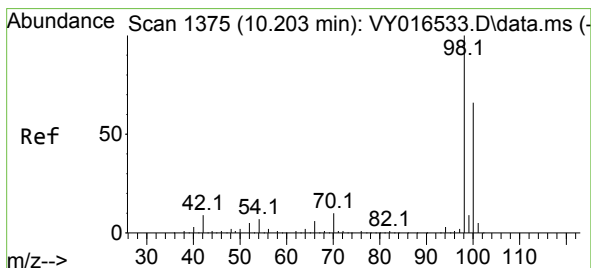
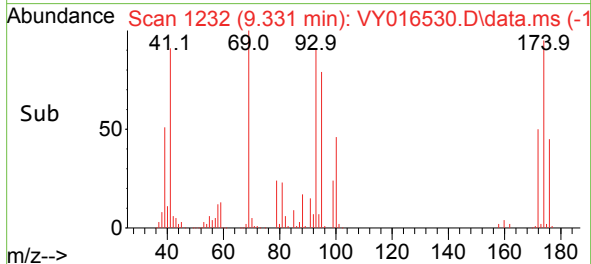
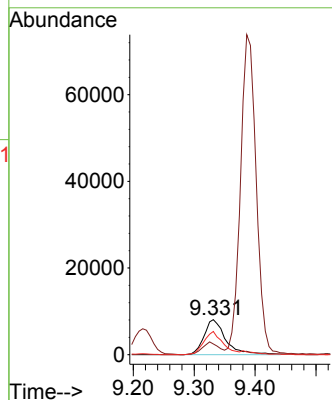
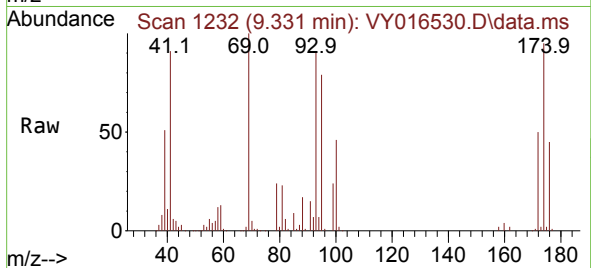
Tgt Ion: 88 Resp: 20118

Ion Ratio Lower Upper

88 100

43 27.5 0.0 0.0#

58 58.1 30.9 46.3#



#50

Toluene-d8

Concen: 105.056 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.006 min

Lab File: VY016530.D

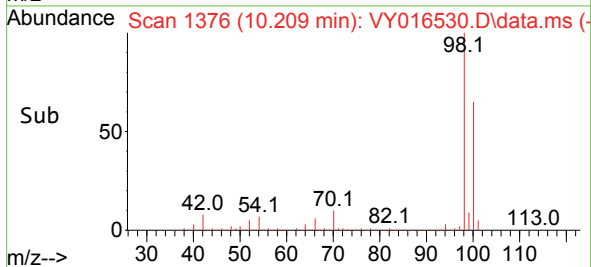
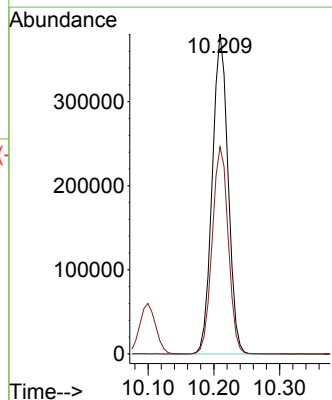
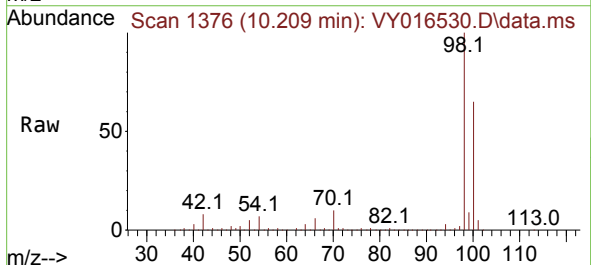
Acq: 29 Nov 2023 10:18

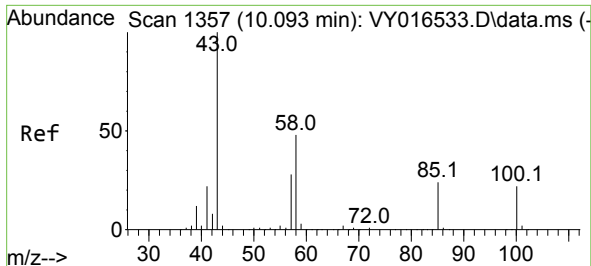
Tgt Ion: 98 Resp: 636067

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

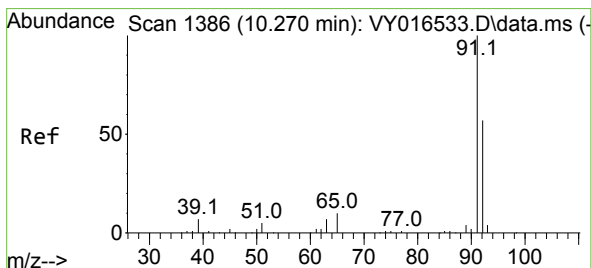
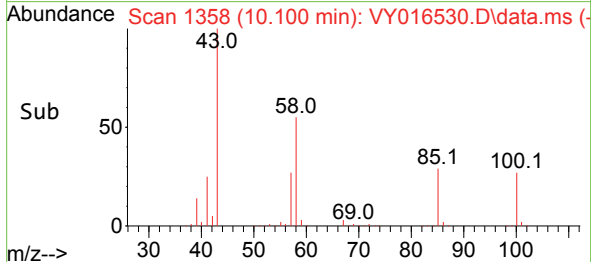
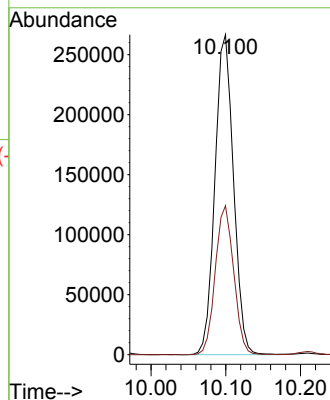
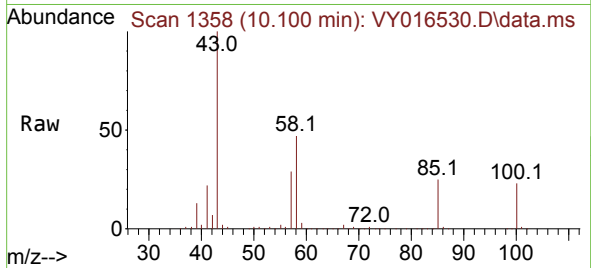




#51
4-Methyl-2-Pentanone
Concen: 619.972 ug/l
RT: 10.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

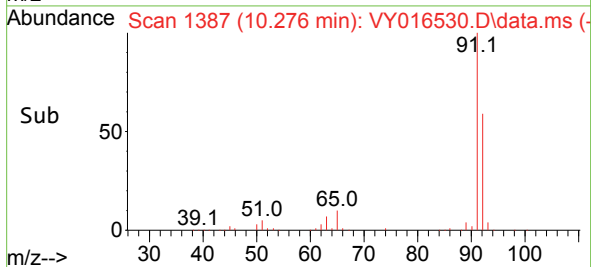
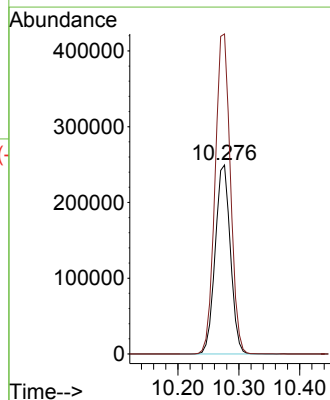
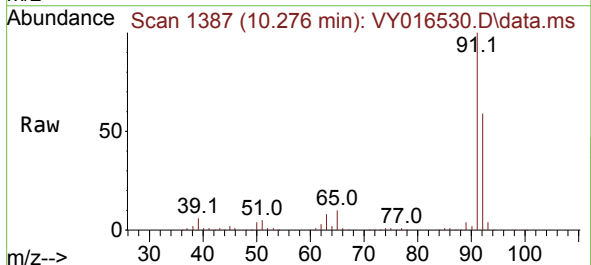
Instrument :
MSVOA_Y
ClientSampleId :

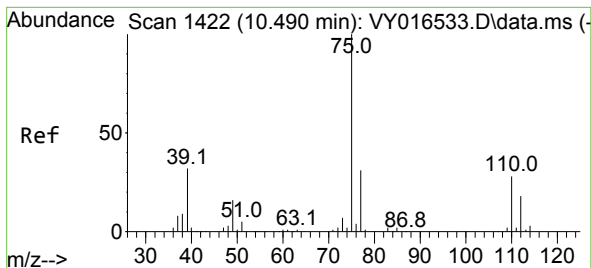
Tgt Ion: 43 Resp: 459502
Ion Ratio Lower Upper
43 100
58 46.3 29.0 43.6#



#52
Toluene
Concen: 102.611 ug/l
RT: 10.276 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 92 Resp: 430826
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6

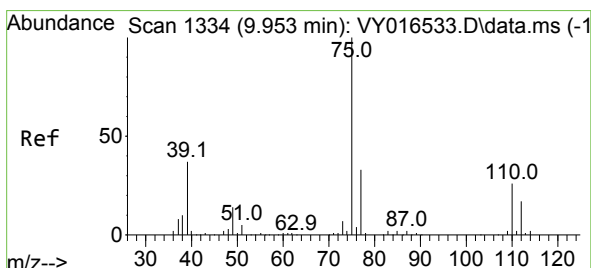
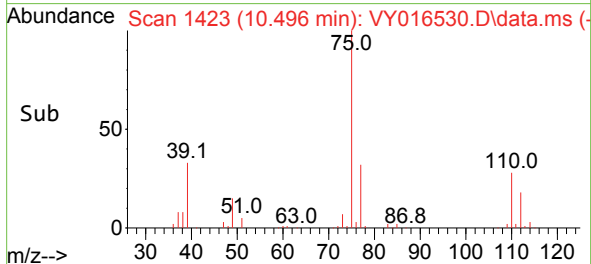
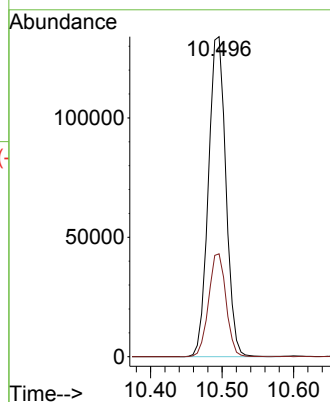
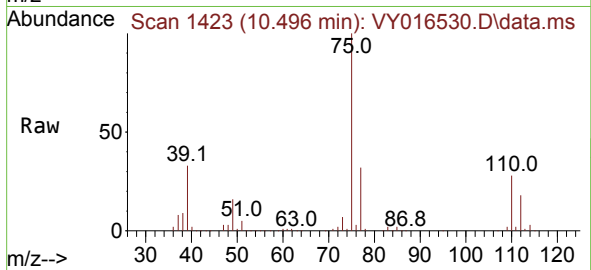




#53
 t-1,3-Dichloropropene
 Concen: 112.120 ug/l
 RT: 10.496 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VY016530.D
 Acq: 29 Nov 2023 10:18

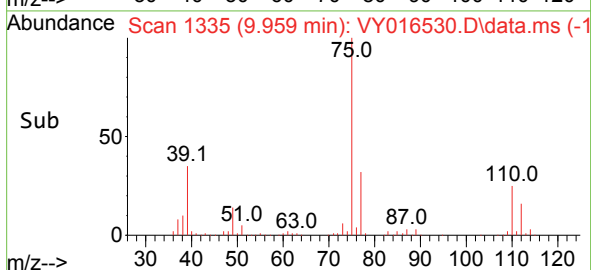
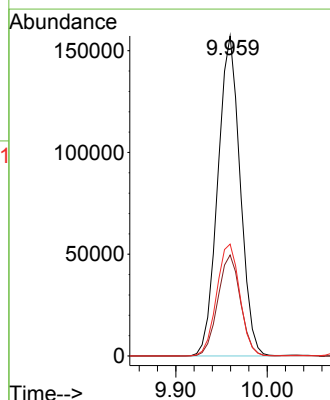
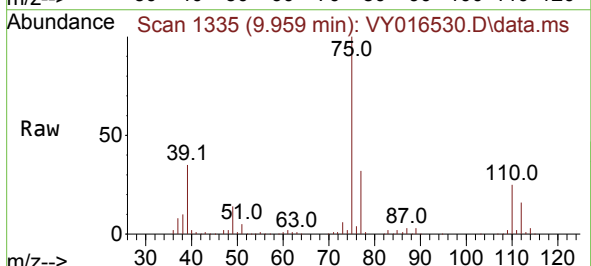
Instrument :
 MSVOA_Y
 ClientSampleId :

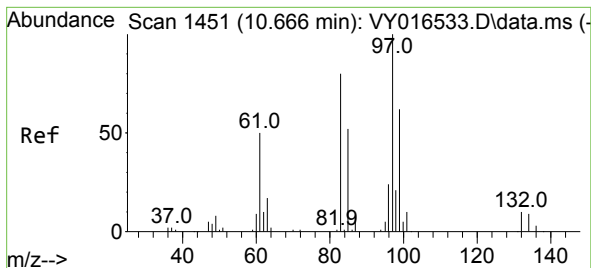
Tgt Ion: 75 Resp: 227483
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 108.676 ug/l
 RT: 9.959 min Scan# 1335
 Delta R.T. 0.006 min
 Lab File: VY016530.D
 Acq: 29 Nov 2023 10:18

Tgt Ion: 75 Resp: 267191
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.2 36.4
 39 35.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 109.517 ug/l

RT: 10.673 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 131055

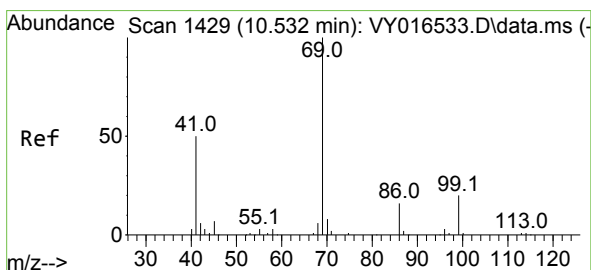
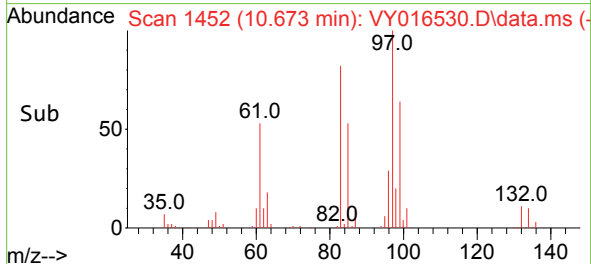
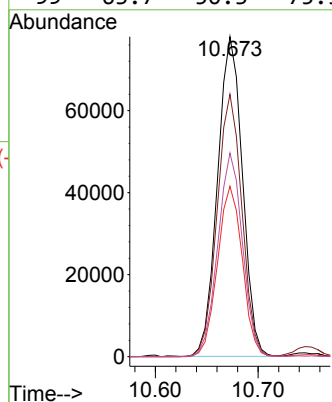
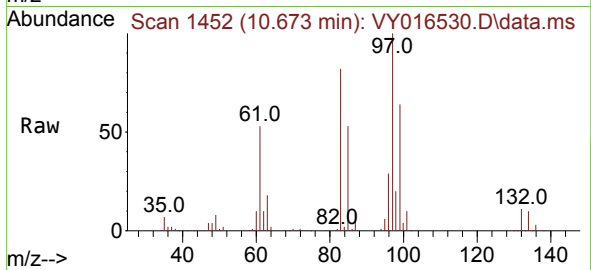
Ion Ratio Lower Upper

97 100

83 82.1 72.0 108.0

85 53.3 45.4 68.0

99 63.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 124.214 ug/l

RT: 10.539 min Scan# 1430

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

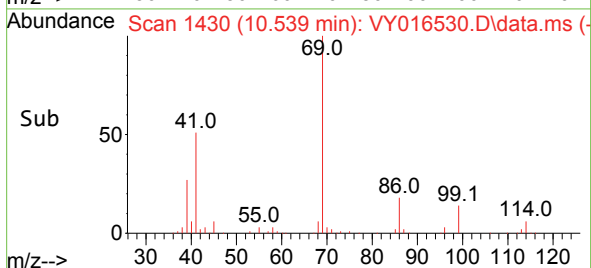
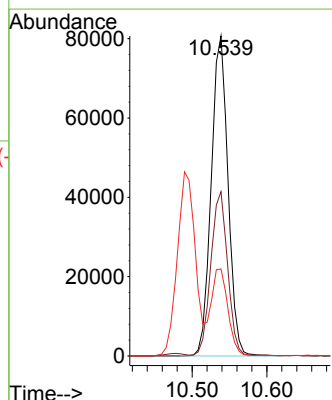
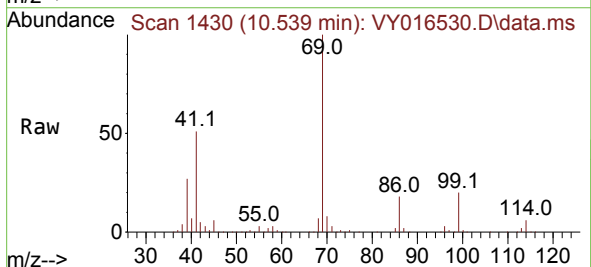
Tgt Ion: 69 Resp: 125791

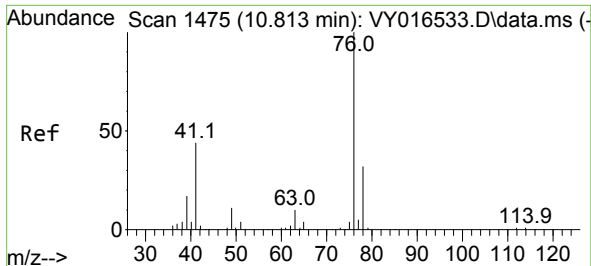
Ion Ratio Lower Upper

69 100

41 51.6 57.6 86.4#

39 28.0 34.1 51.1#

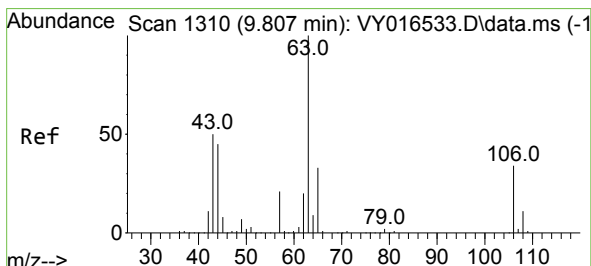
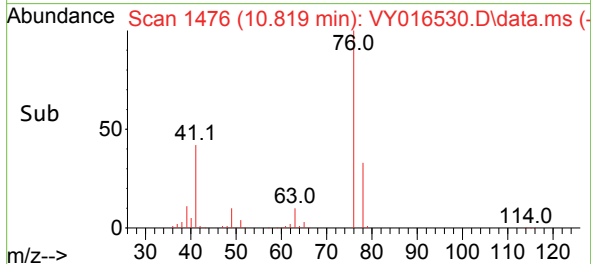
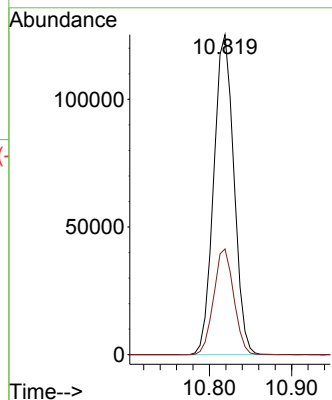
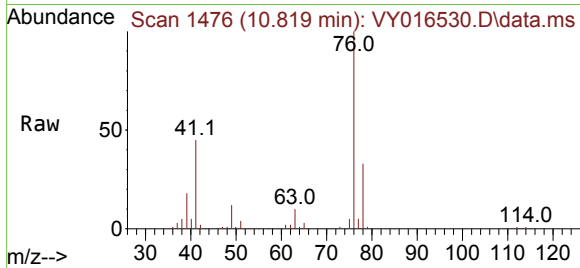




#57
1,3-Dichloropropane
Concen: 110.892 ug/l
RT: 10.819 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

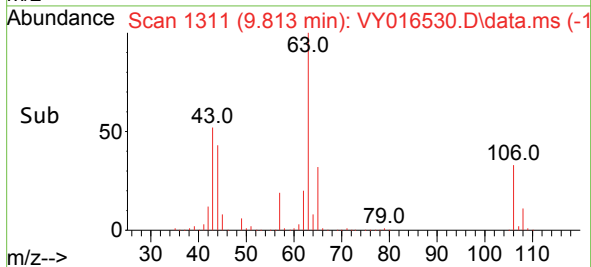
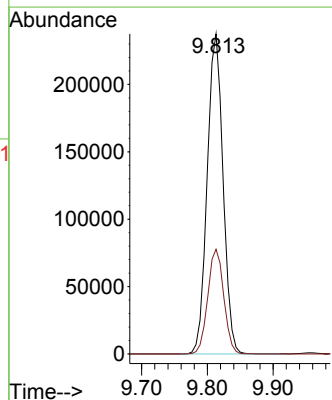
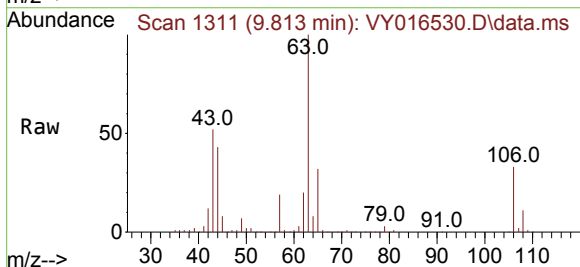
Instrument :
MSVOA_Y
ClientSampleId :

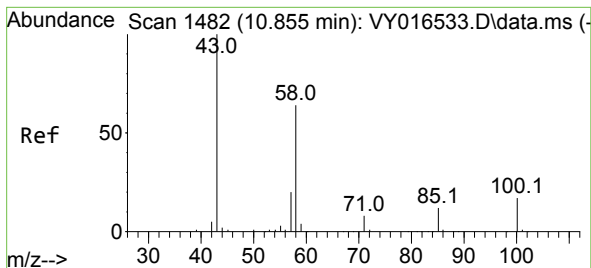
Tgt Ion: 76 Resp: 213749
Ion Ratio Lower Upper
76 100
78 32.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 636.038 ug/l
RT: 9.813 min Scan# 1311
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 63 Resp: 398301
Ion Ratio Lower Upper
63 100
106 33.0 21.2 31.8#

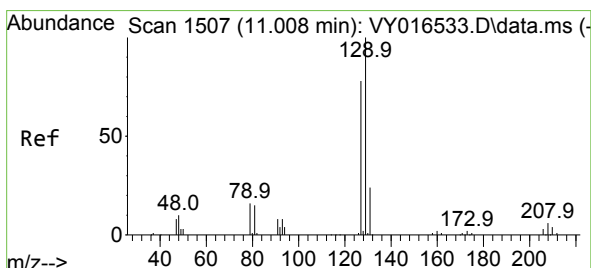
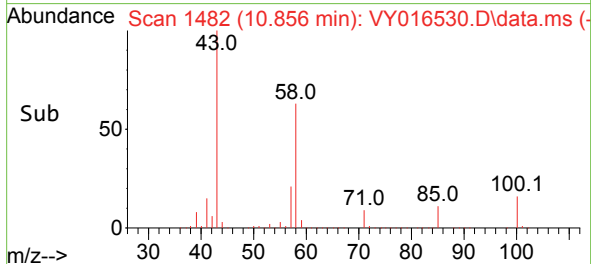
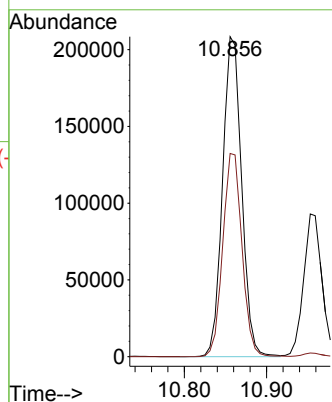
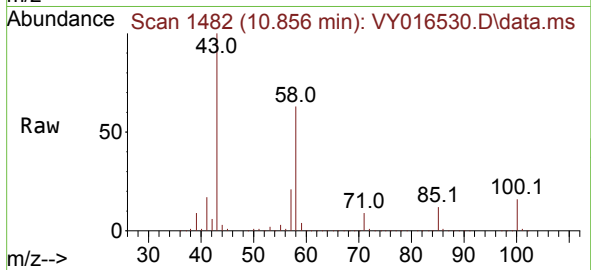




#59
2-Hexanone
Concen: 574.610 ug/l
RT: 10.856 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

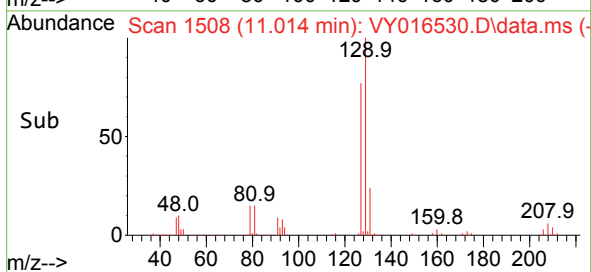
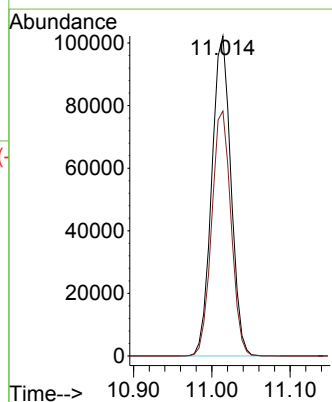
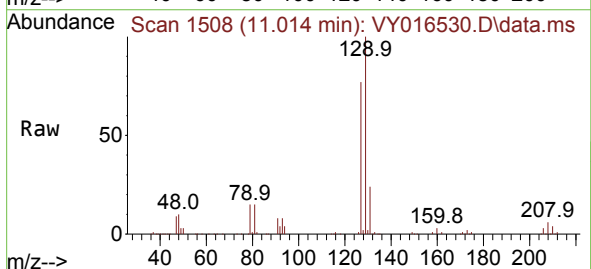
Instrument :
MSVOA_Y
ClientSampleId :

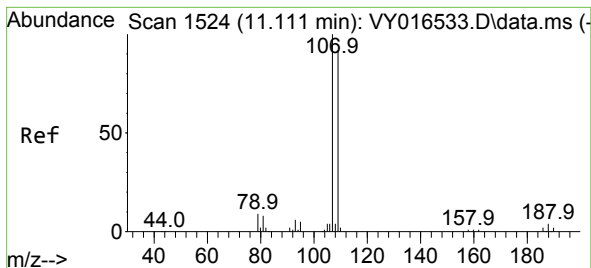
Tgt Ion: 43 Resp: 336403
Ion Ratio Lower Upper
43 100
58 64.0 25.1 75.3



#60
Dibromochloromethane
Concen: 111.149 ug/l
RT: 11.014 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 129 Resp: 173852
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 112.280 ug/l

RT: 11.118 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

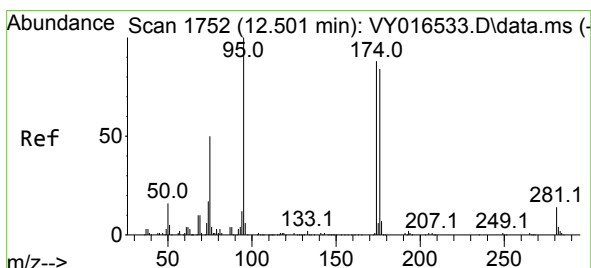
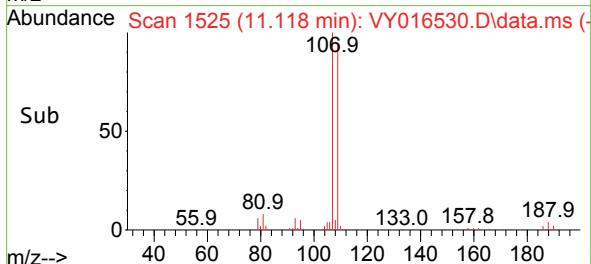
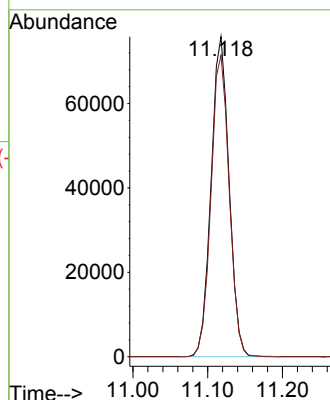
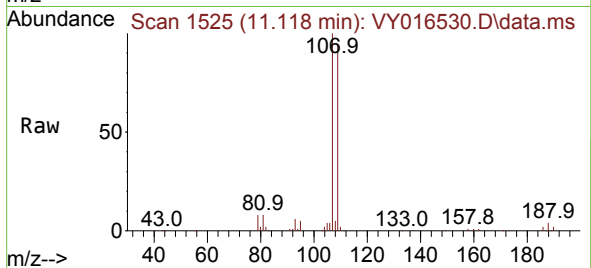
ClientSampleId :

Tgt Ion:107 Resp: 126883

Ion Ratio Lower Upper

107 100

109 95.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 107.331 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

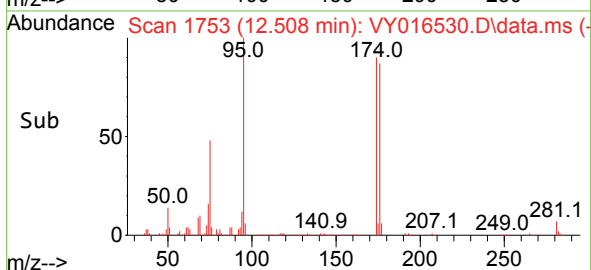
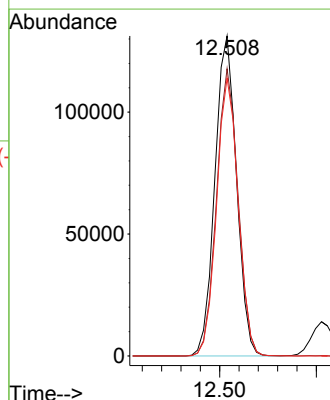
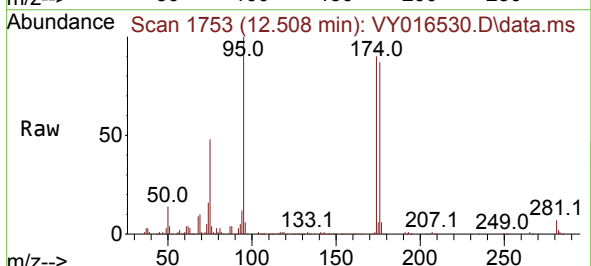
Tgt Ion: 95 Resp: 203858

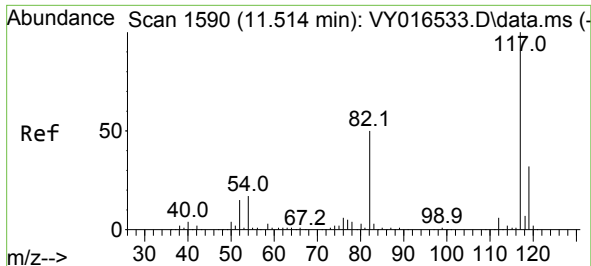
Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.2

176 86.6 0.0 173.8

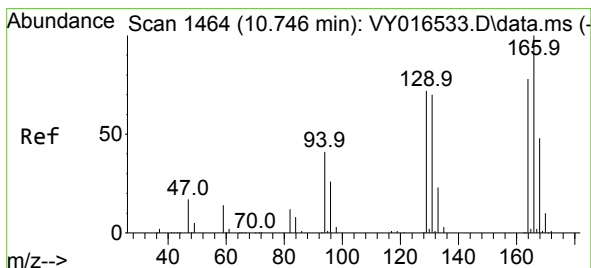
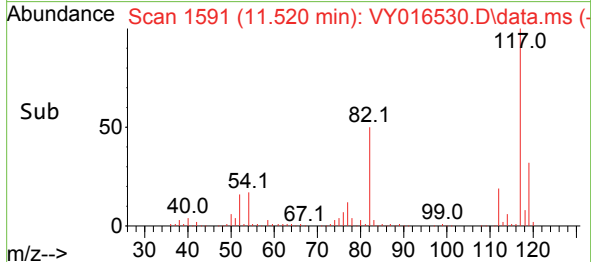
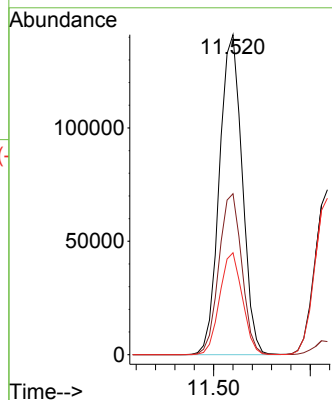
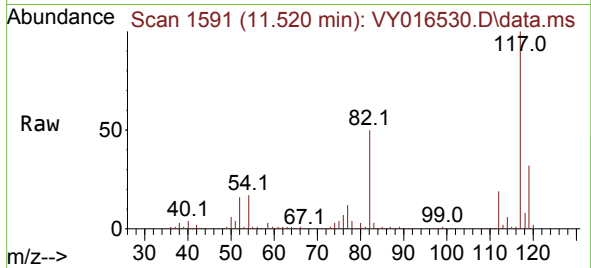




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

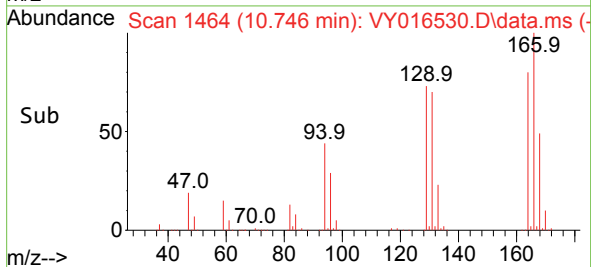
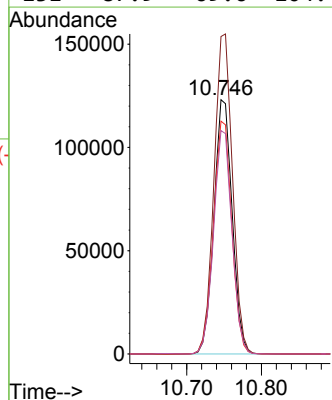
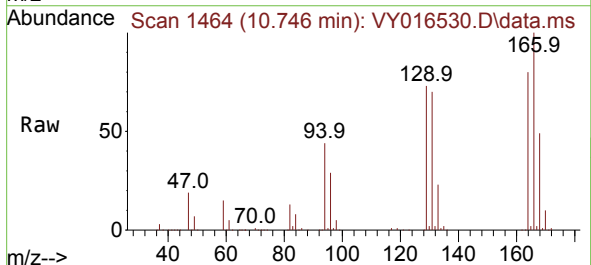
Instrument :
MSVOA_Y
ClientSampleId :

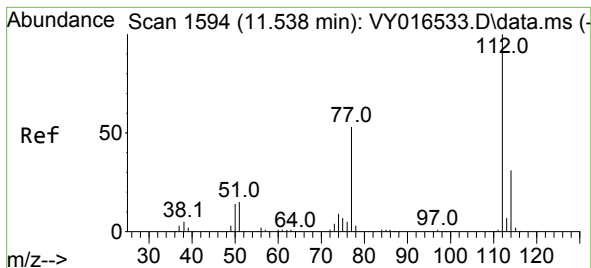
Tgt Ion:117 Resp: 230561
Ion Ratio Lower Upper
117 100
82 50.3 43.4 65.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 101.983 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion:164 Resp: 209259
Ion Ratio Lower Upper
164 100
166 124.9 103.0 154.6
129 91.6 77.2 115.8
131 87.9 69.6 104.4





#65

Chlorobenzene

Concen: 100.629 ug/l

RT: 11.544 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

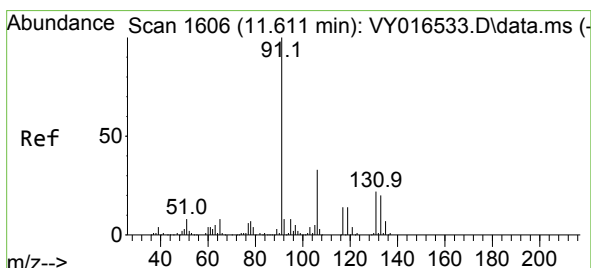
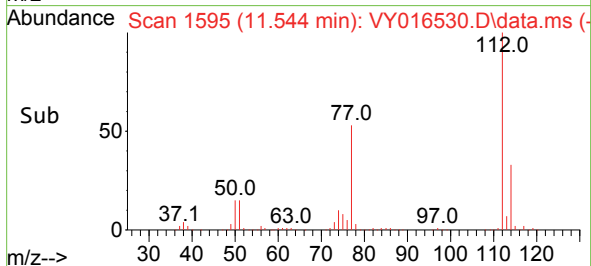
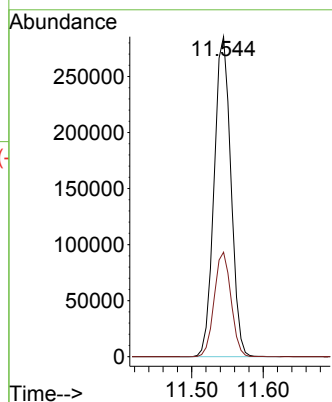
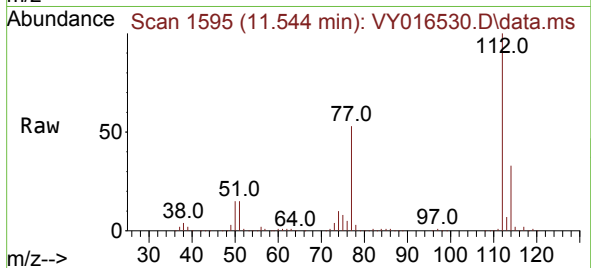
ClientSampleId :

Tgt Ion:112 Resp: 464635

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 102.547 ug/l

RT: 11.618 min Scan# 1607

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

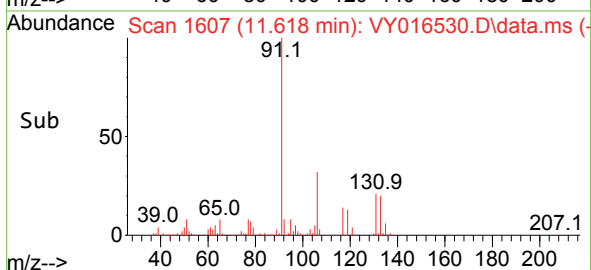
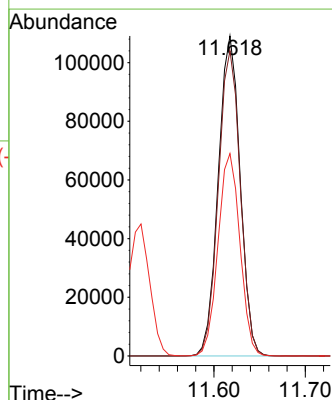
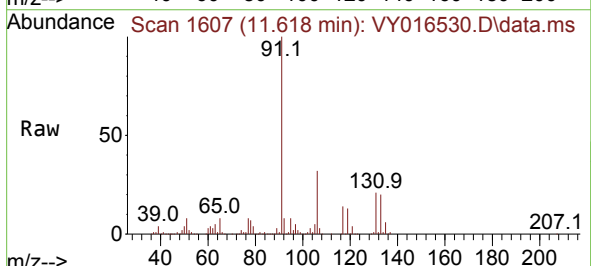
Tgt Ion:131 Resp: 181512

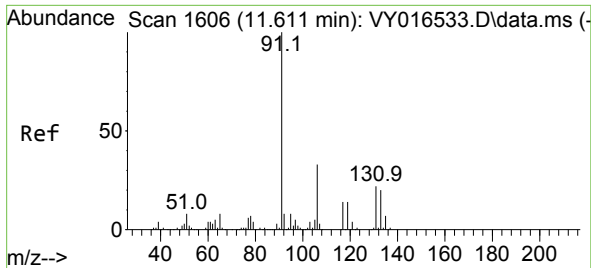
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 63.4 31.6 94.7

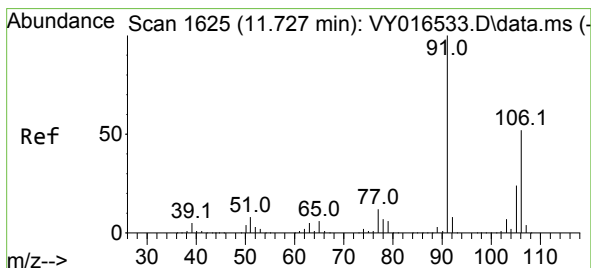
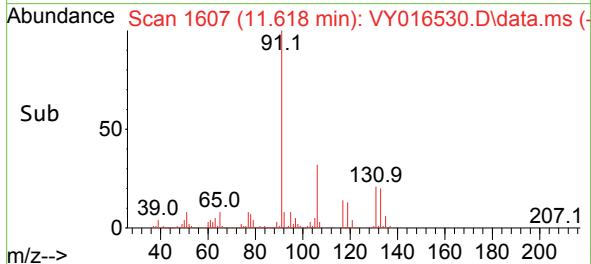
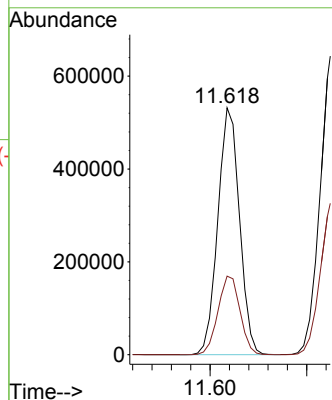
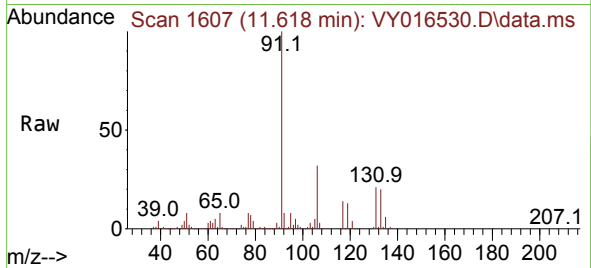




#67
Ethyl Benzene
Concen: 101.741 ug/l
RT: 11.618 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

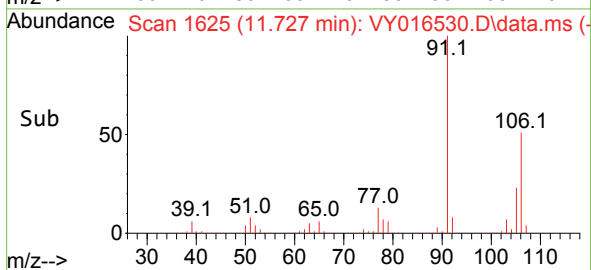
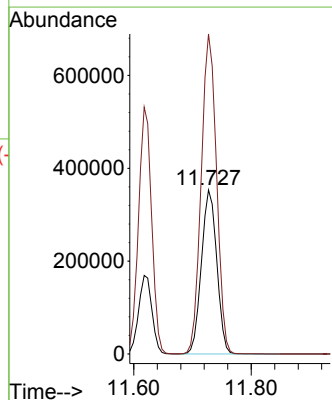
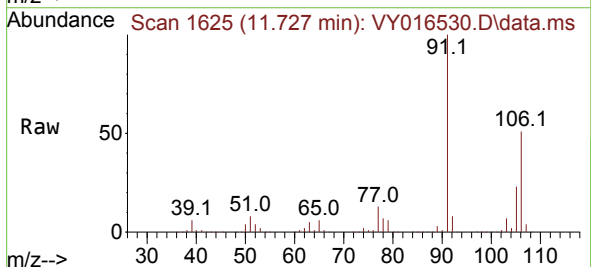
Instrument :
MSVOA_Y
ClientSampleId :

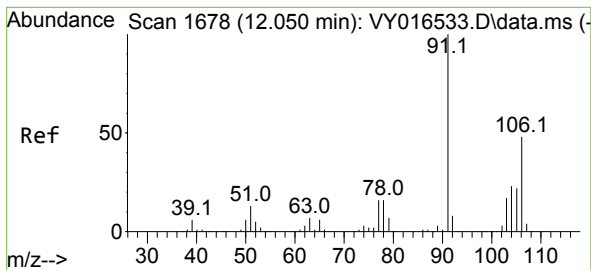
Tgt Ion: 91 Resp: 824636
Ion Ratio Lower Upper
91 100
106 31.8 24.6 36.8



#68
m/p-Xylenes
Concen: 204.707 ug/l
RT: 11.727 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion:106 Resp: 642125
Ion Ratio Lower Upper
106 100
91 194.9 166.1 249.1





#69

o-Xylene

Concen: 103.921 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

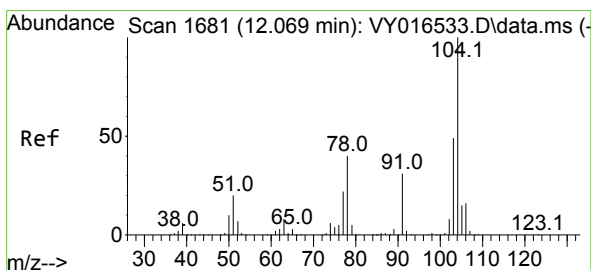
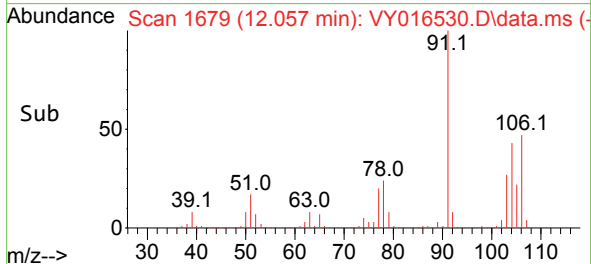
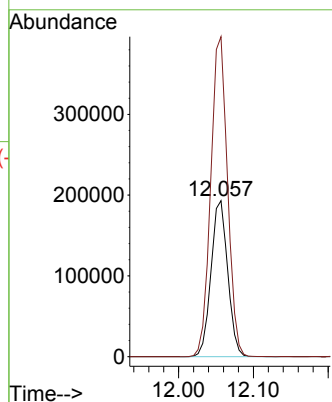
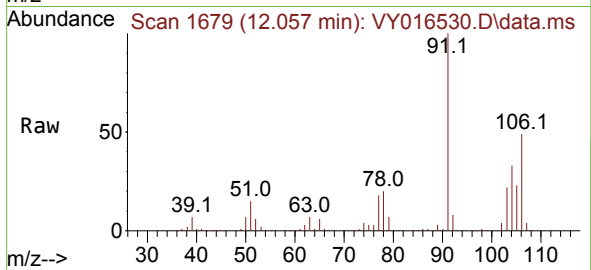
ClientSampleId :

Tgt Ion:106 Resp: 299262

Ion Ratio Lower Upper

106 100

91 206.4 108.1 324.3



#70

Styrene

Concen: 104.241 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

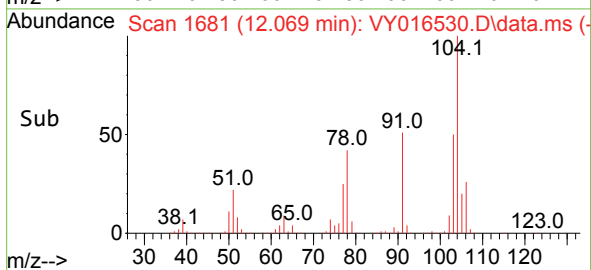
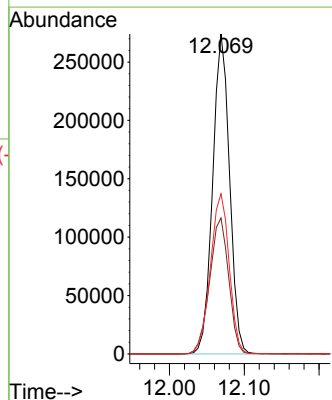
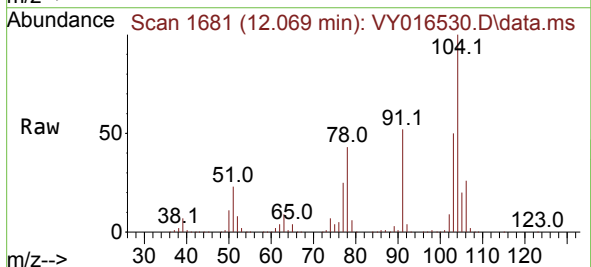
Tgt Ion:104 Resp: 431911

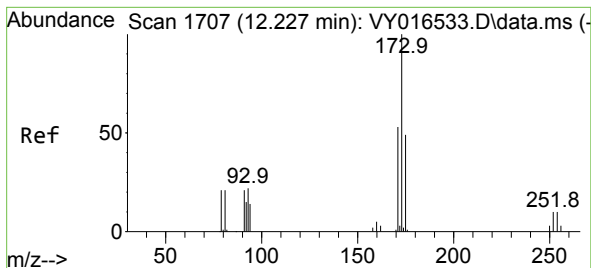
Ion Ratio Lower Upper

104 100

78 47.9 41.5 62.3

103 55.5 44.6 67.0





#71

Bromoform

Concen: 112.729 ug/l

RT: 12.233 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

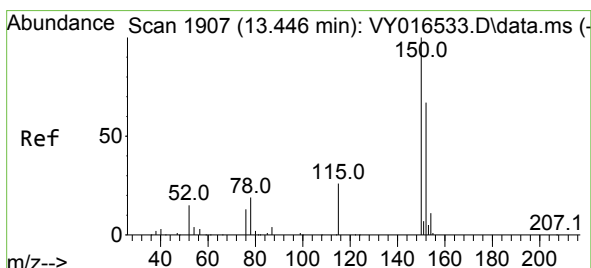
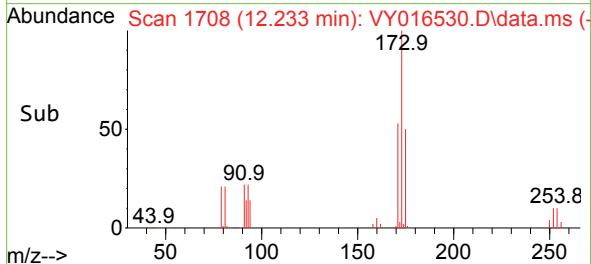
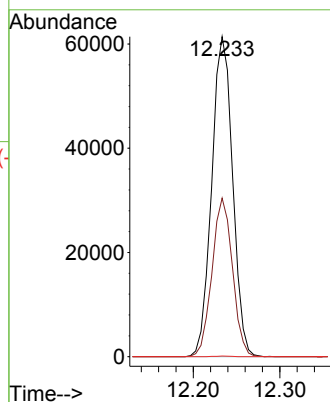
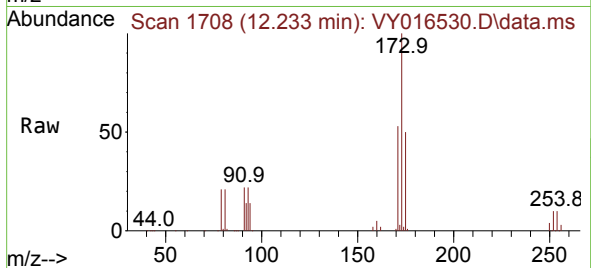
Tgt Ion:173 Resp: 103066

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

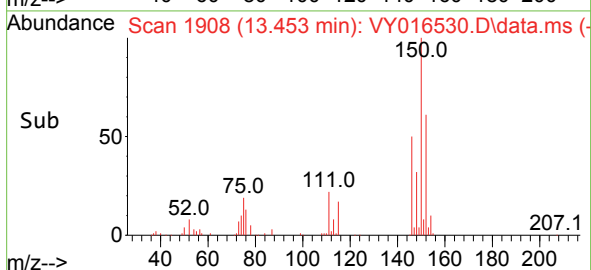
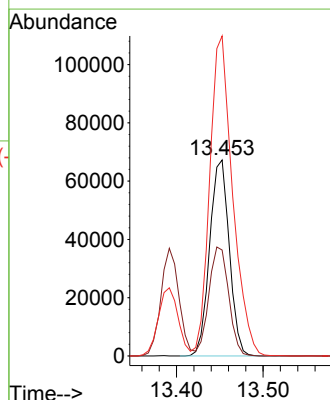
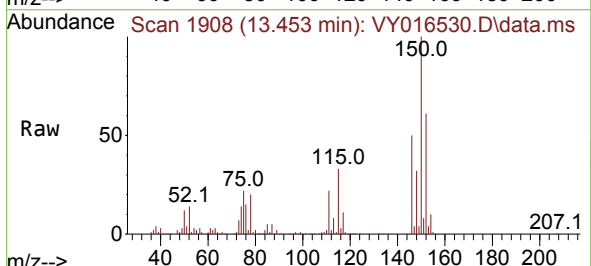
Tgt Ion:152 Resp: 105824

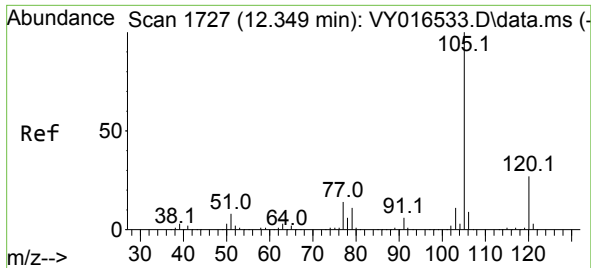
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 190.4 0.0 348.8

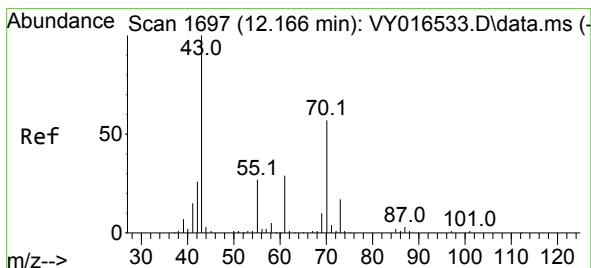
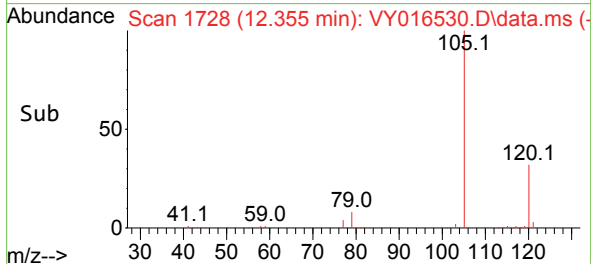
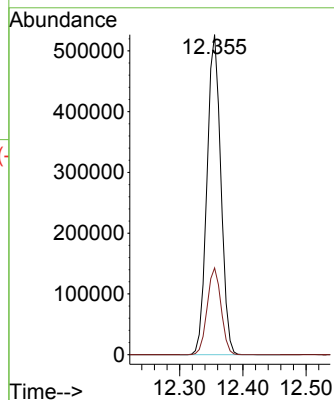
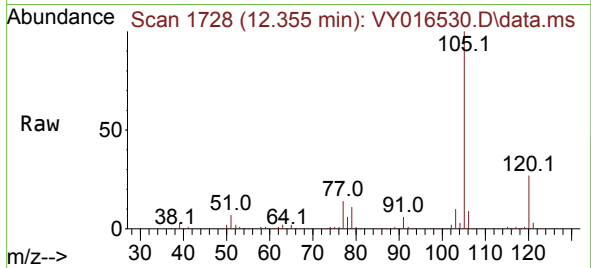




#73
Isopropylbenzene
Concen: 99.925 ug/l
RT: 12.355 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

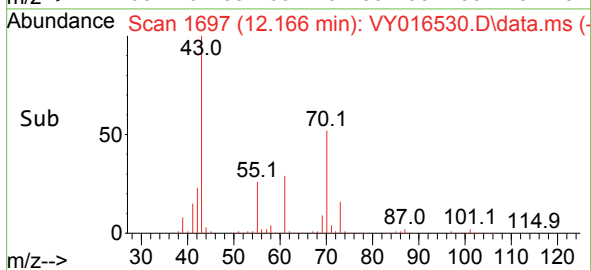
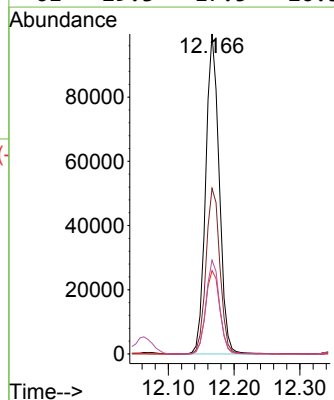
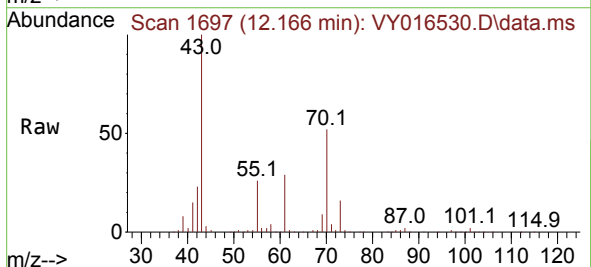
Instrument :
MSVOA_Y
ClientSampleId :

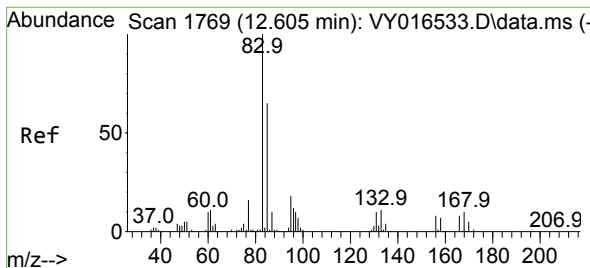
Tgt Ion:105 Resp: 801914
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 125.719 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.000 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 43 Resp: 142481
Ion Ratio Lower Upper
43 100
70 53.1 29.7 44.5#
55 27.7 18.3 27.5#
61 29.3 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 109.899 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

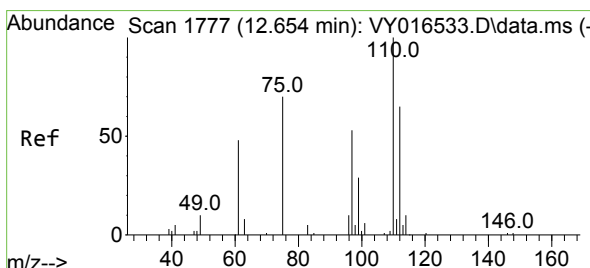
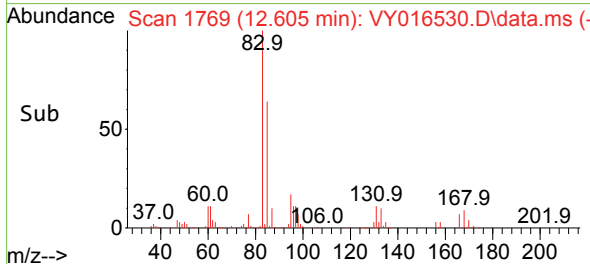
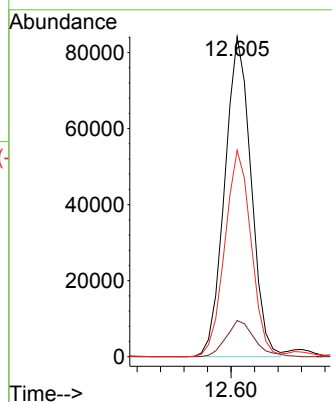
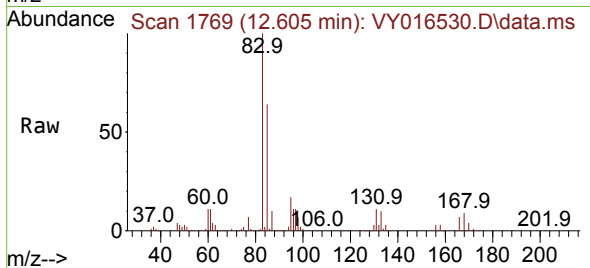
Tgt Ion: 83 Resp: 130919

Ion Ratio Lower Upper

83 100

131 12.1 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 198.727 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY016530.D

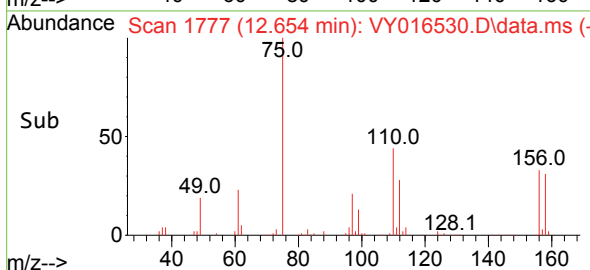
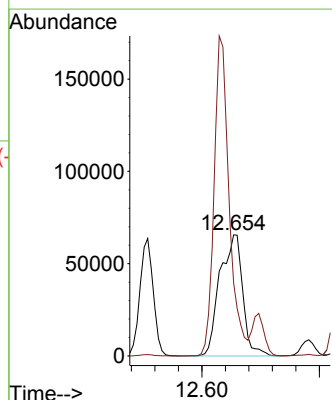
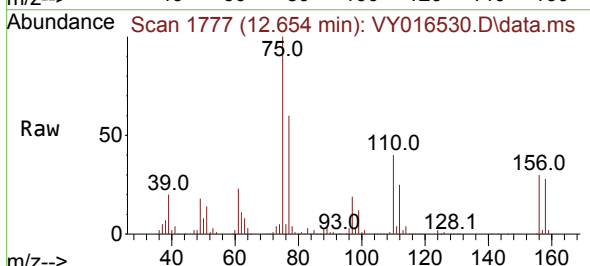
Acq: 29 Nov 2023 10:18

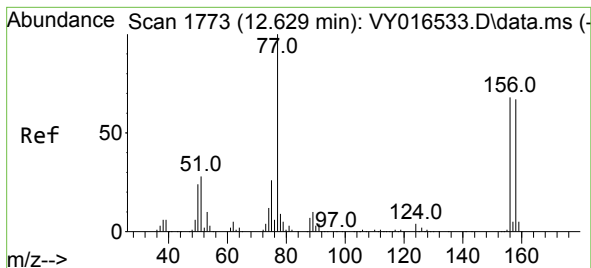
Tgt Ion: 75 Resp: 177156

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 103.197 ug/l

RT: 12.636 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

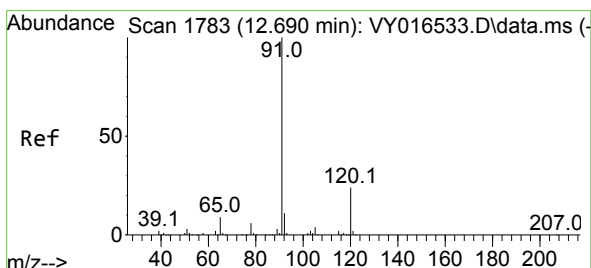
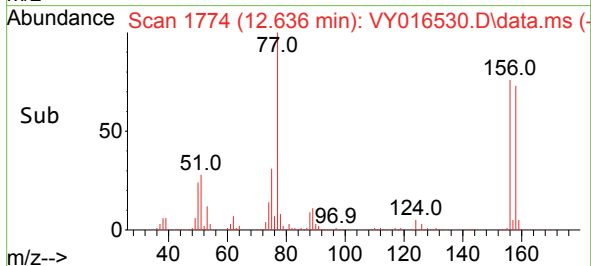
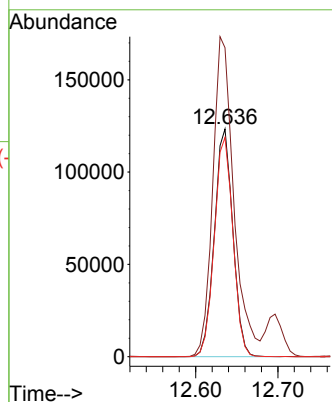
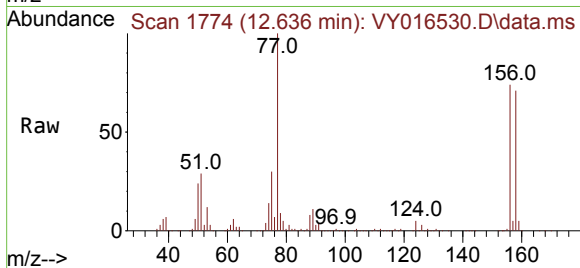
Tgt Ion:156 Resp: 192837

Ion Ratio Lower Upper

156 100

77 160.3 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 99.120 ug/l

RT: 12.697 min Scan# 1784

Delta R.T. 0.006 min

Lab File: VY016530.D

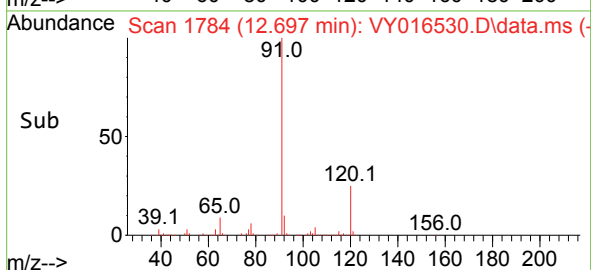
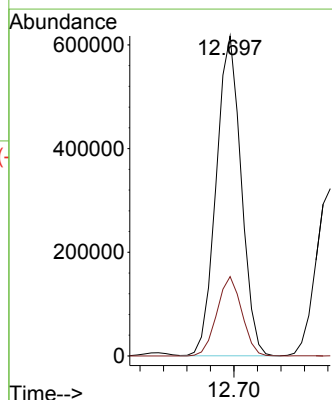
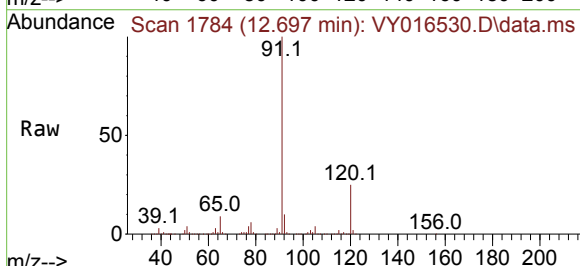
Acq: 29 Nov 2023 10:18

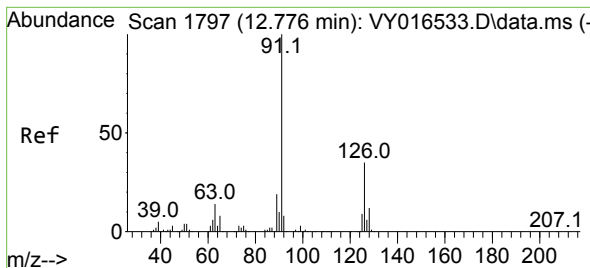
Tgt Ion: 91 Resp: 910042

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 99.809 ug/l

RT: 12.782 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

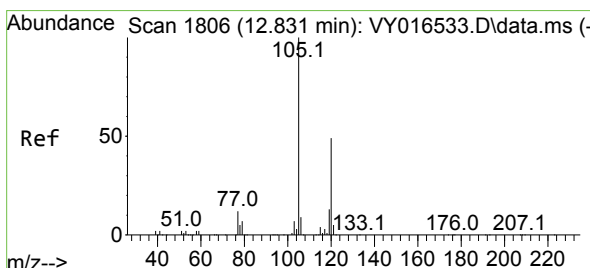
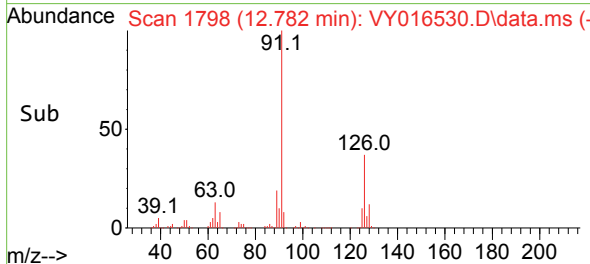
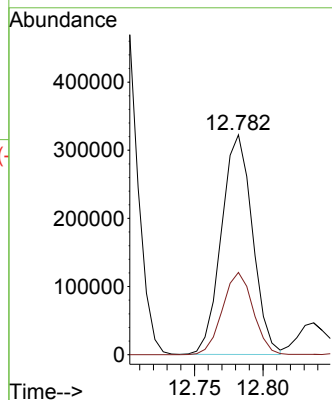
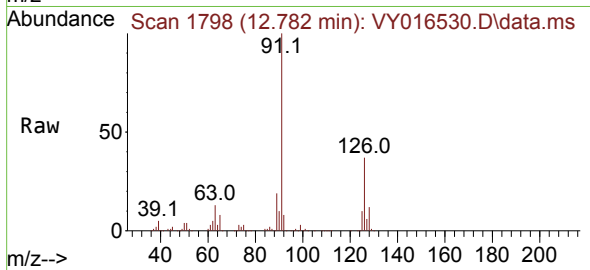
ClientSampleId :

Tgt Ion: 91 Resp: 509682

Ion Ratio Lower Upper

91 100

126 36.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 101.305 ug/l

RT: 12.837 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY016530.D

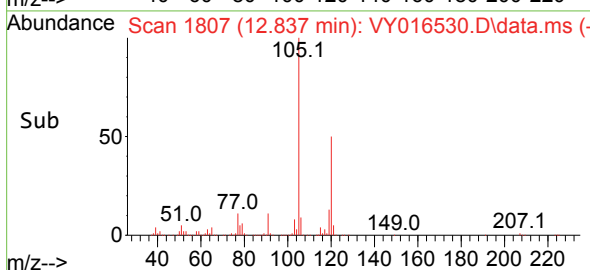
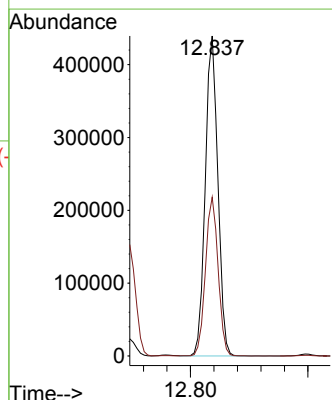
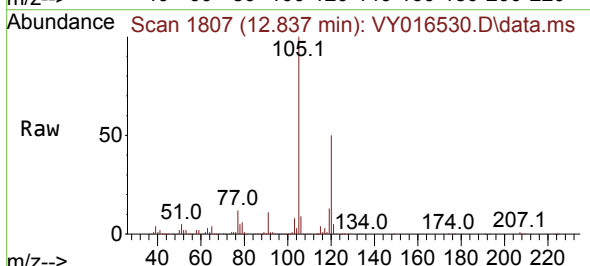
Acq: 29 Nov 2023 10:18

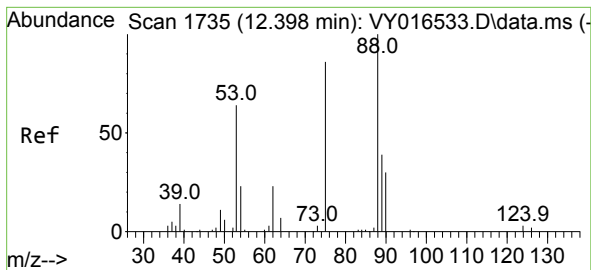
Tgt Ion:105 Resp: 653537

Ion Ratio Lower Upper

105 100

120 49.9 23.9 71.7

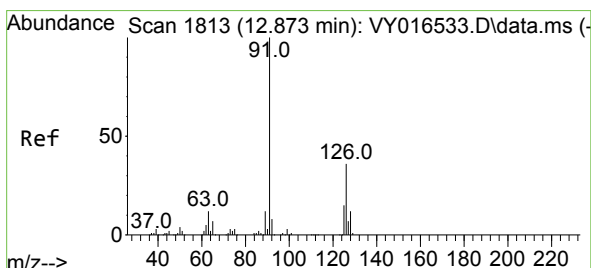
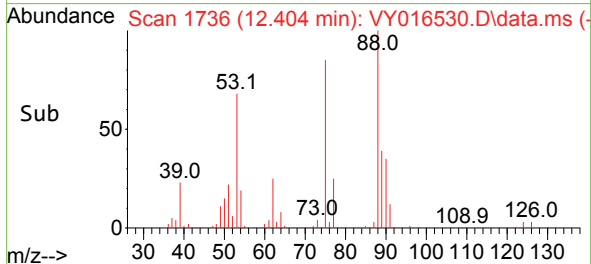
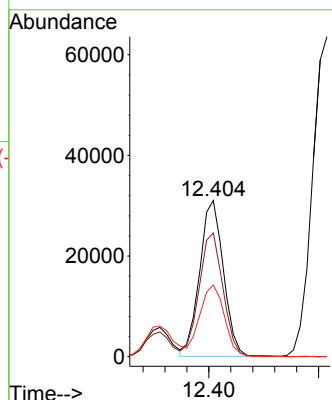
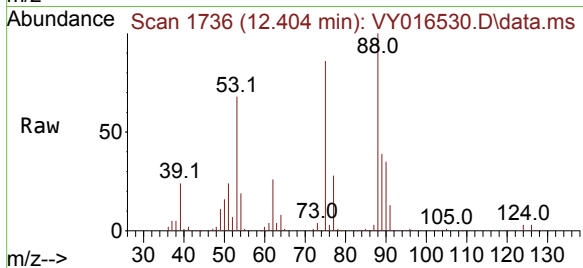




#81
trans-1,4-Dichloro-2-butene
Concen: 114.430 ug/l
RT: 12.404 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

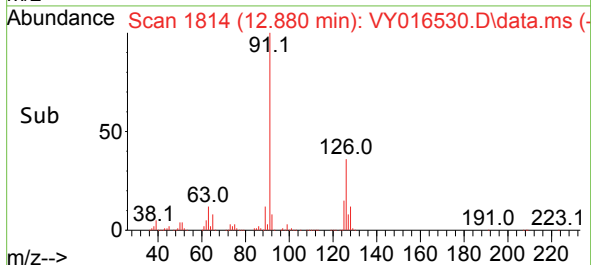
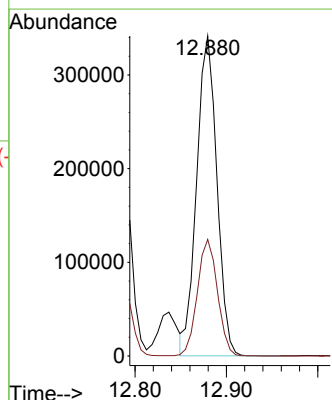
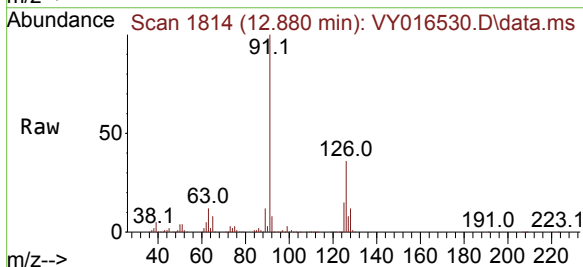
Instrument :
MSVOA_Y
ClientSampleId :

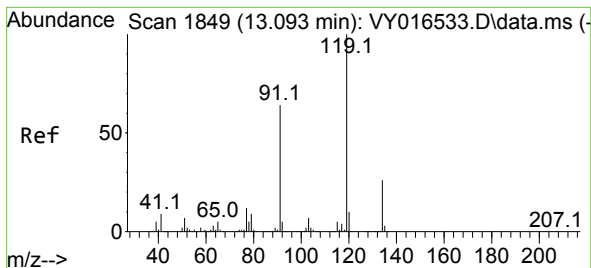
Tgt Ion: 75 Resp: 46619
Ion Ratio Lower Upper
75 100
53 80.5 77.8 116.8
89 47.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 100.092 ug/l
RT: 12.880 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 91 Resp: 524790
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 99.205 ug/l

RT: 13.099 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

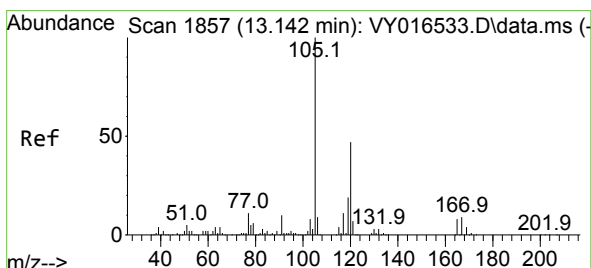
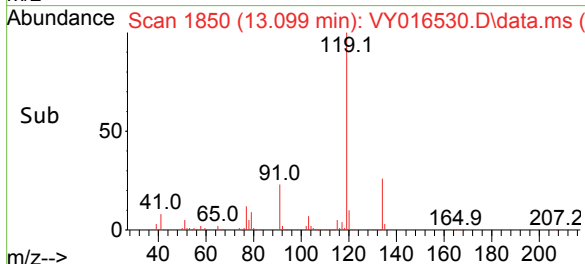
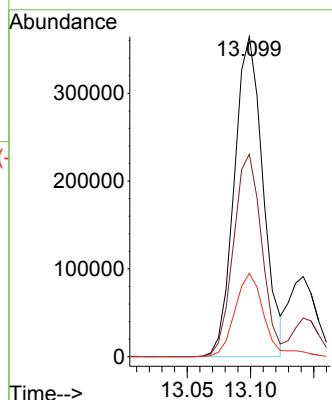
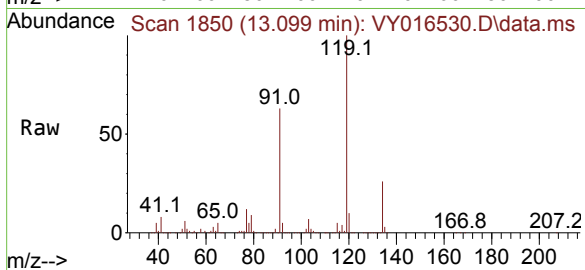
Tgt Ion:119 Resp: 577562

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 101.837 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY016530.D

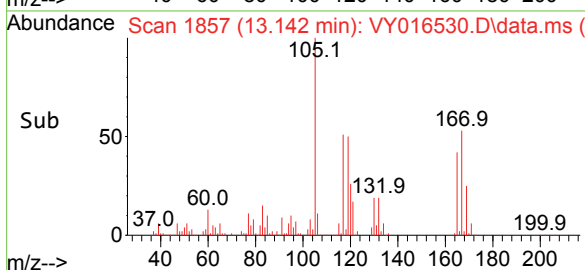
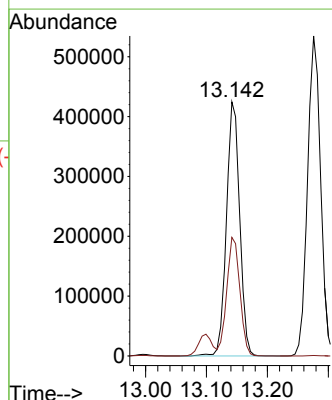
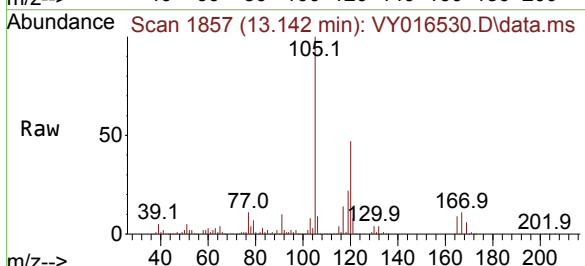
Acq: 29 Nov 2023 10:18

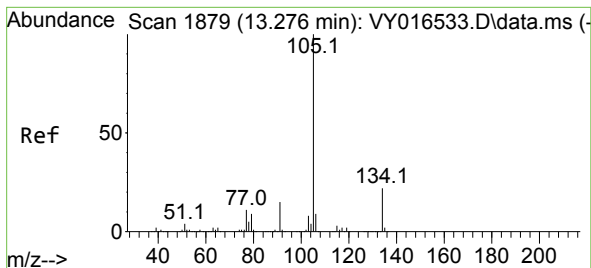
Tgt Ion:105 Resp: 639610

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 98.617 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

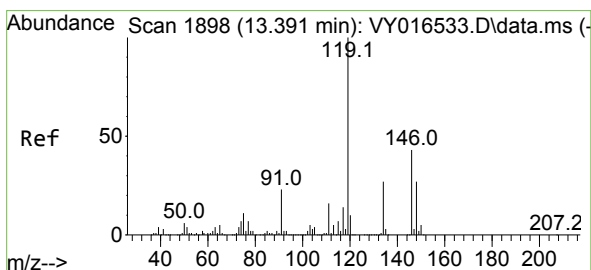
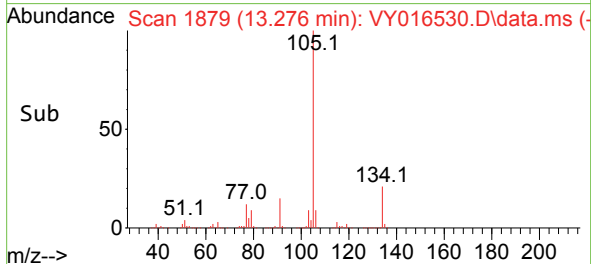
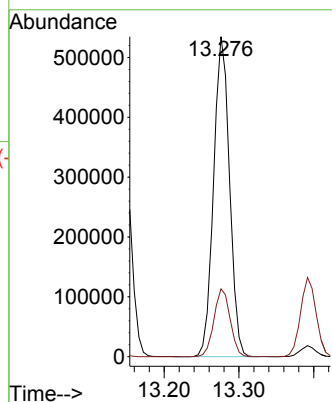
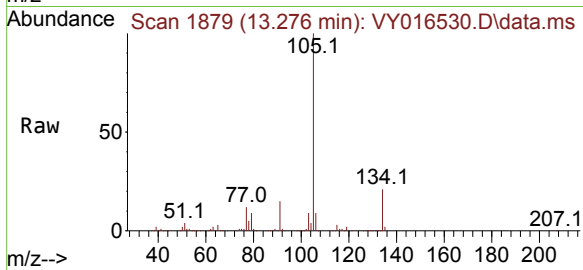
ClientSampleId :

Tgt Ion:105 Resp: 794060

Ion Ratio Lower Upper

105 100

134 21.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 101.461 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

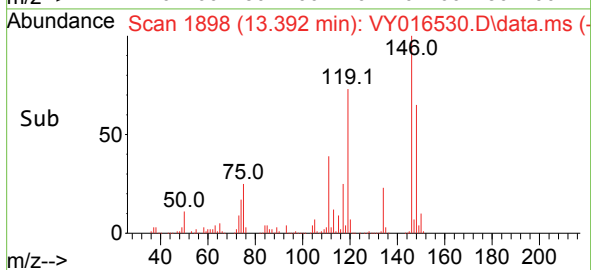
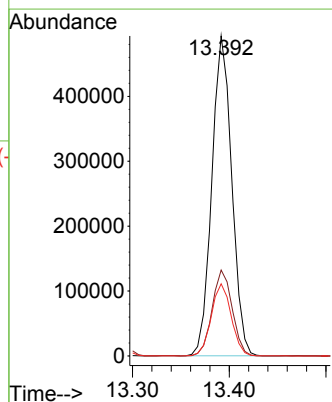
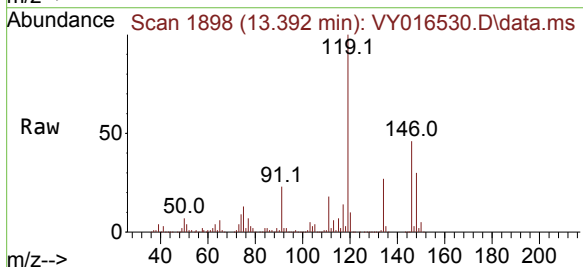
Tgt Ion:119 Resp: 705873

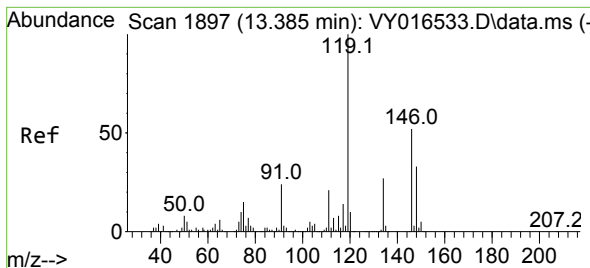
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 101.636 ug/l

RT: 13.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

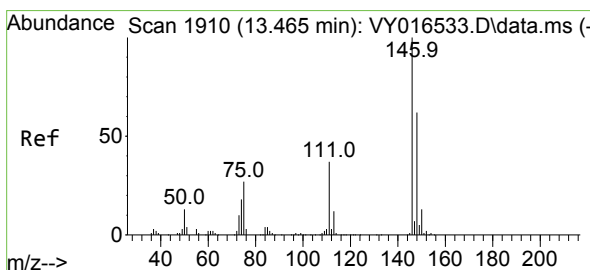
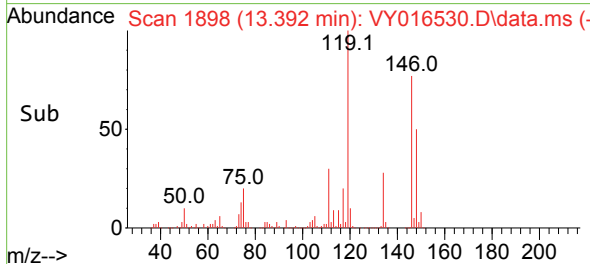
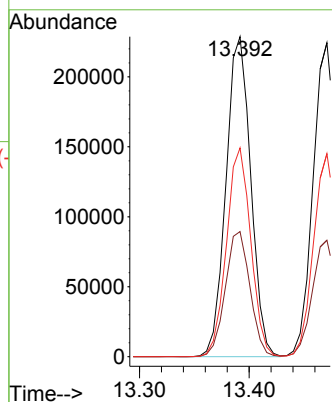
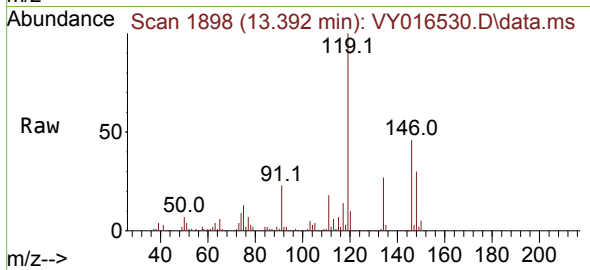
Tgt Ion:146 Resp: 358617

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 101.238 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

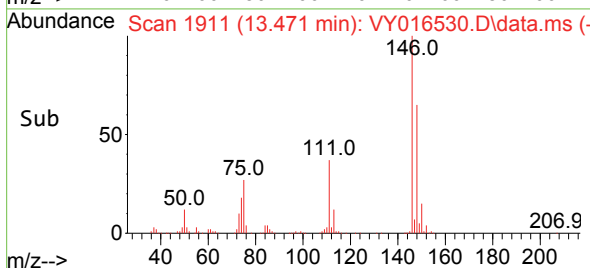
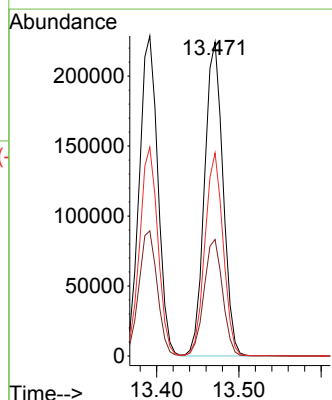
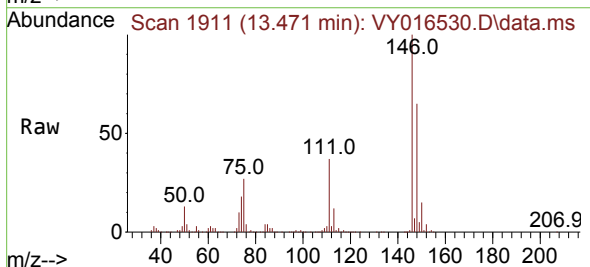
Tgt Ion:146 Resp: 349633

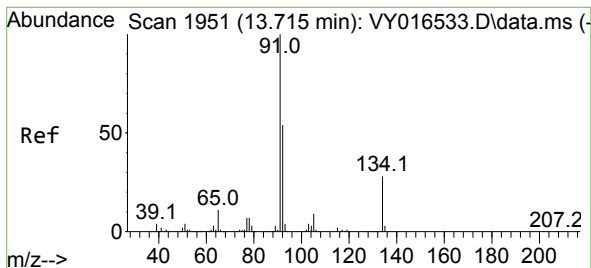
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 100.643 ug/l

RT: 13.721 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

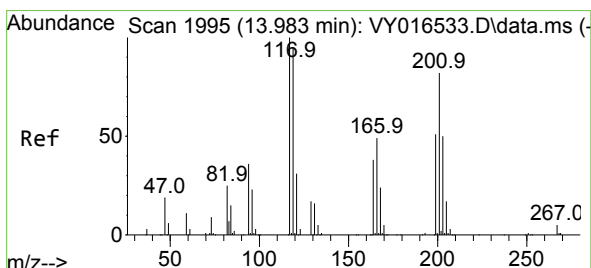
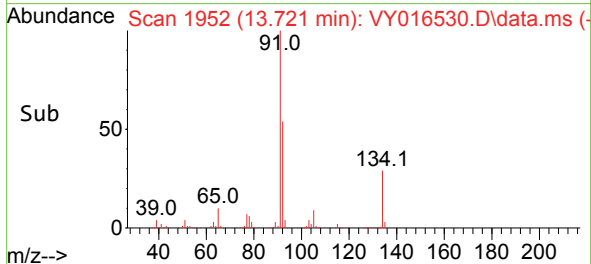
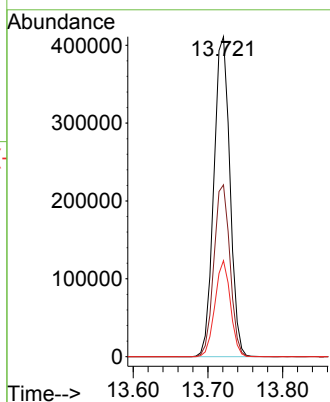
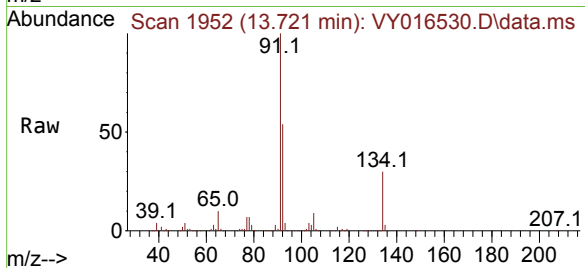
Tgt Ion: 91 Resp: 613710

Ion Ratio Lower Upper

91 100

92 53.8 25.4 76.0

134 29.0 12.6 37.6



#90

Hexachloroethane

Concen: 98.712 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY016530.D

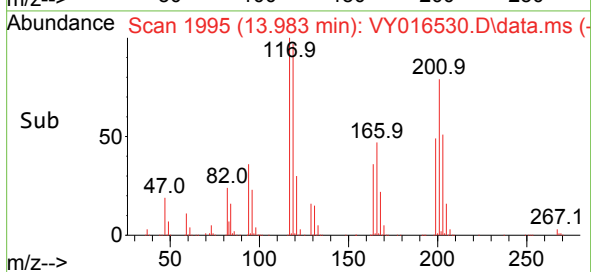
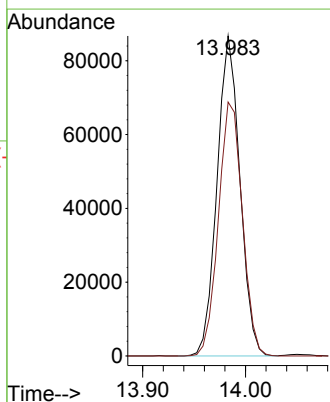
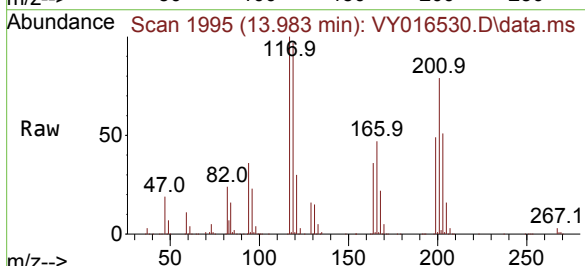
Acq: 29 Nov 2023 10:18

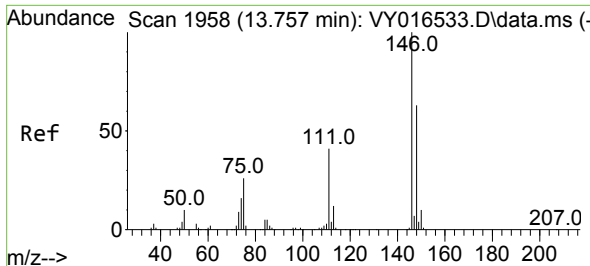
Tgt Ion: 117 Resp: 133991

Ion Ratio Lower Upper

117 100

201 83.0 41.6 124.8

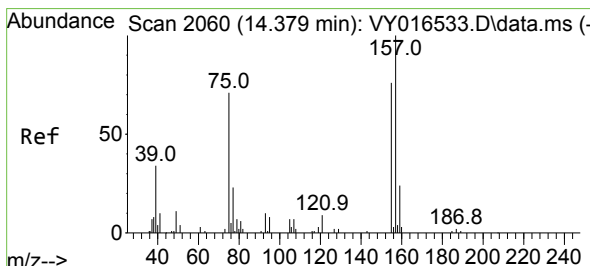
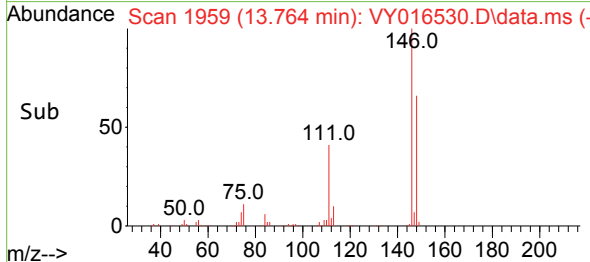
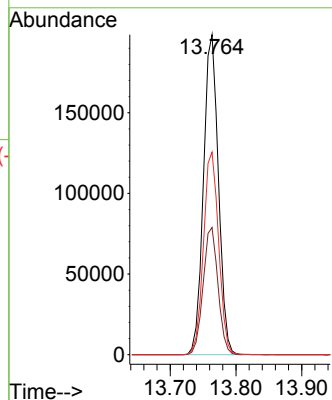
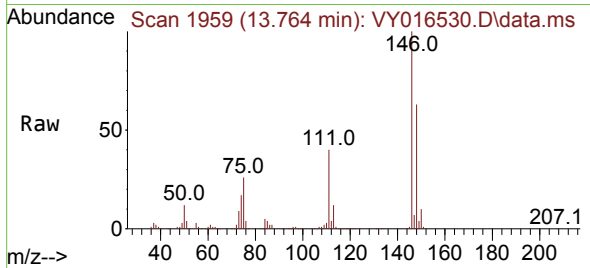




#91
1,2-Dichlorobenzene
Concen: 104.689 ug/l
RT: 13.764 min Scan# 1958
Delta R.T. 0.006 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

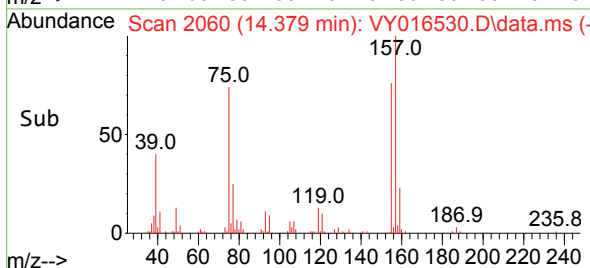
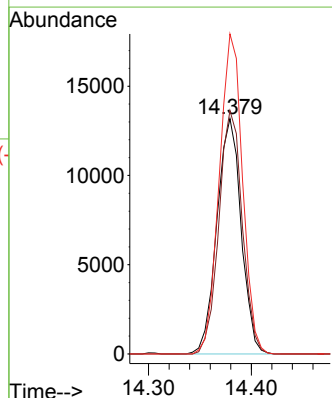
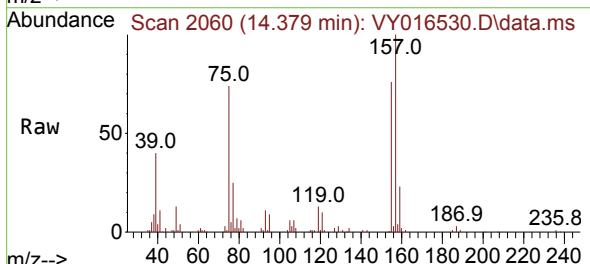
Instrument :
MSVOA_Y
ClientSampleId :

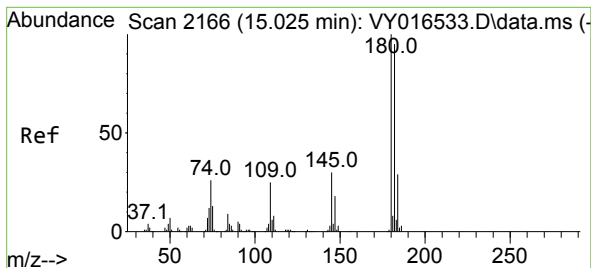
Tgt Ion:146 Resp: 313054
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 128.511 ug/l
RT: 14.379 min Scan# 2060
Delta R.T. 0.000 min
Lab File: VY016530.D
Acq: 29 Nov 2023 10:18

Tgt Ion: 75 Resp: 21537
Ion Ratio Lower Upper
75 100
155 100.0 41.5 124.6
157 130.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 101.131 ug/l

RT: 15.032 min Scan# 2167

Delta R.T. 0.007 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

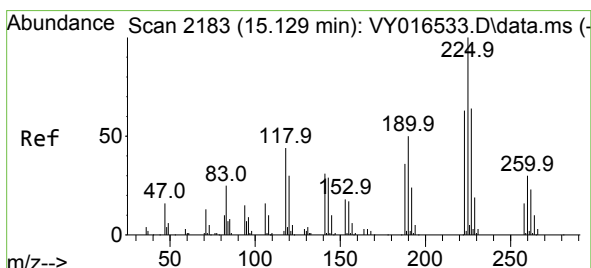
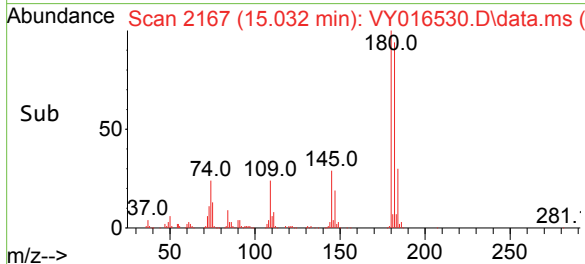
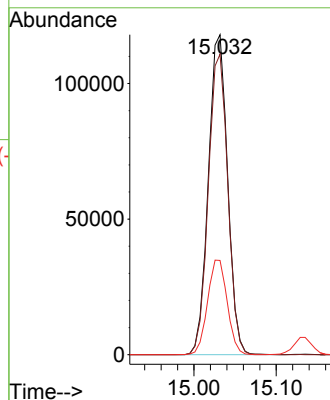
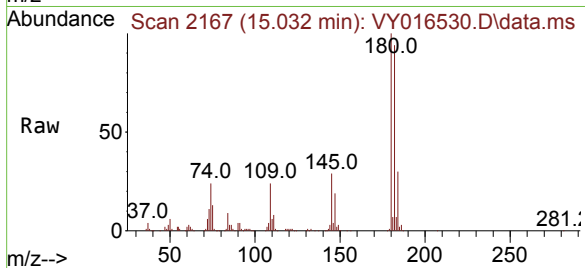
Tgt Ion:180 Resp: 192103

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 100.692 ug/l

RT: 15.135 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

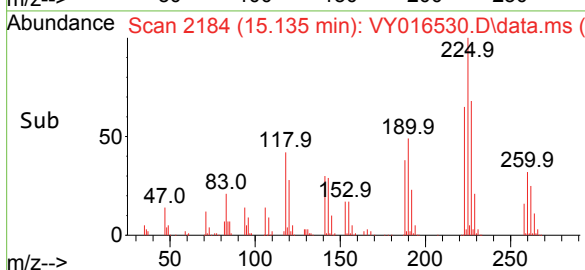
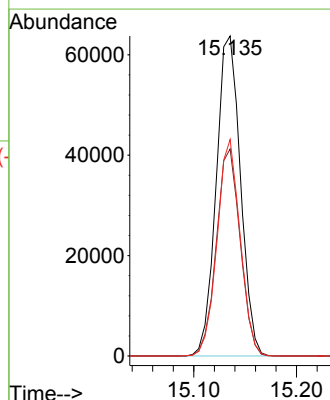
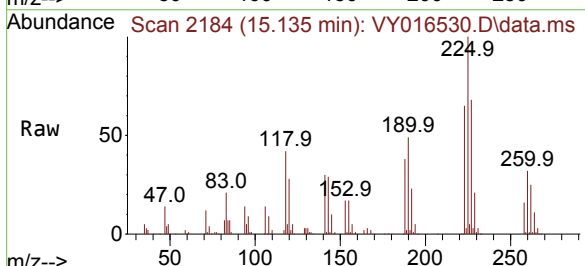
Tgt Ion:225 Resp: 104282

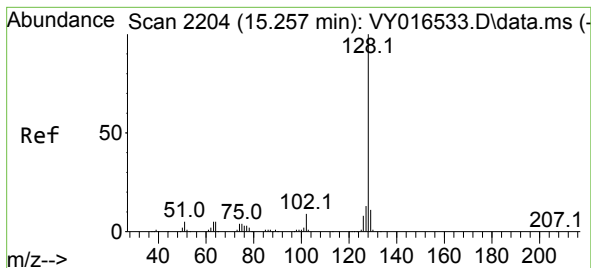
Ion Ratio Lower Upper

225 100

223 63.7 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 108.543 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Instrument :

MSVOA_Y

ClientSampleId :

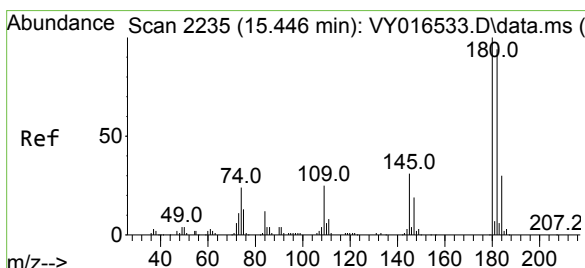
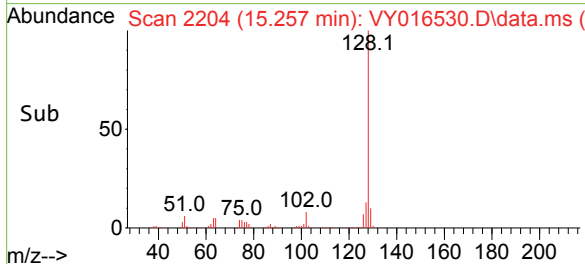
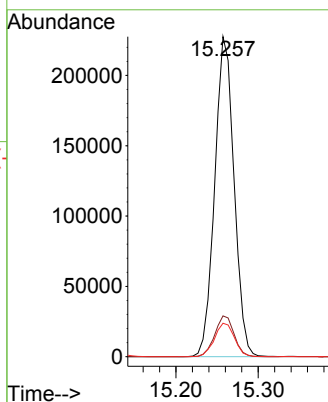
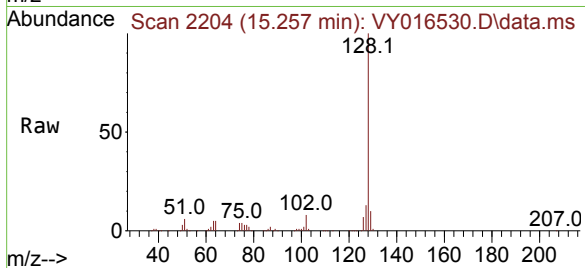
Tgt Ion:128 Resp: 372149

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 102.285 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.000 min

Lab File: VY016530.D

Acq: 29 Nov 2023 10:18

Tgt Ion:180 Resp: 159767

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.0 15.4 46.2

