

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111723\
 Data File : VY016412.D
 Acq On : 17 Nov 2023 16:05
 Operator : SY/MD
 Sample : VY1117SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 18 05:20:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	156366	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	252277	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	220691	50.000	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.428	152	105313	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72956	51.049	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.100%	
35) Dibromofluoromethane	7.716	113	76411	53.319	ug/l	-0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.640%	
50) Toluene-d8	10.179	98	292402	50.314	ug/l	-0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.620%	
62) 4-Bromofluorobenzene	12.483	95	96003	50.863	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	29000	18.941	ug/l	99
3) Chloromethane	2.113	50	31087	17.337	ug/l	99
4) Vinyl Chloride	2.247	62	32835	17.029	ug/l	93
5) Bromomethane	2.644	94	21368	16.863	ug/l	93
6) Chloroethane	2.790	64	22203	18.046	ug/l	95
7) Trichlorofluoromethane	3.119	101	55766	19.879	ug/l	100
8) Diethyl Ether	3.528	74	16714	19.935	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.893	101	32882	19.461	ug/l	96
10) Methyl Iodide	4.089	142	32774	17.960	ug/l	99
11) Tert butyl alcohol	4.948	59	12080	107.942	ug/l #	81
12) 1,1-Dichloroethene	3.869	96	29778	18.845	ug/l	90
13) Acrolein	3.723	56	11940	88.454	ug/l	99
14) Allyl chloride	4.479	41	40827	18.208	ug/l #	92
15) Acrylonitrile	5.155	53	34120	102.547	ug/l	98
16) Acetone	3.942	43	29600	125.214	ug/l #	87
17) Carbon Disulfide	4.192	76	76555	16.057	ug/l	99
18) Methyl Acetate	4.479	43	25722	20.477	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	77309	20.214	ug/l	100
20) Methylene Chloride	4.710	84	44396	24.833	ug/l #	85
21) trans-1,2-Dichloroethene	5.216	96	33927	18.648	ug/l	95
22) Diisopropyl ether	6.113	45	93908	19.433	ug/l	89
23) Vinyl Acetate	6.058	43	226684	96.809	ug/l #	91
24) 1,1-Dichloroethane	6.015	63	59386	19.920	ug/l	96
25) 2-Butanone	6.984	43	46024	111.154	ug/l	94
26) 2,2-Dichloropropane	6.978	77	54472	20.076	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	38808	19.793	ug/l	92
28) Bromochloromethane	7.338	49	22035	19.971	ug/l	84
29) Tetrahydrofuran	7.344	42	27039	98.798	ug/l #	88
30) Chloroform	7.509	83	65091	20.976	ug/l	99
31) Cyclohexane	7.783	56	49147	17.467	ug/l #	81
32) 1,1,1-Trichloroethane	7.698	97	59353	20.866	ug/l	97
36) 1,1-Dichloropropene	7.917	75	47697	19.167	ug/l	99
37) Ethyl Acetate	7.070	43	20777	20.664	ug/l	94
38) Carbon Tetrachloride	7.899	117	52517	20.335	ug/l	99
39) Methylcyclohexane	9.185	83	55348	17.850	ug/l	94
40) Benzene	8.161	78	138793	19.852	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	12060	23.789	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	38125	21.046	ug/l	94
43) Isopropyl Acetate	8.271	43	38373	19.744	ug/l #	89
44) Trichloroethene	8.935	130	39521	19.669	ug/l	97
45) 1,2-Dichloropropane	9.216	63	34249	20.398	ug/l	94
46) Dibromomethane	9.307	93	19218	21.122	ug/l	95
47) Bromodichloromethane	9.496	83	48485	20.727	ug/l	98
48) Methyl methacrylate	9.289	41	21046	19.594	ug/l	85
49) 1,4-Dioxane	9.301	88	4019	416.061	ug/l #	63
51) 4-Methyl-2-Pentanone	10.069	43	99837	101.585	ug/l	90
52) Toluene	10.246	92	89689	20.294	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46357	20.443	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	54994	20.304	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	26942	21.483	ug/l	95
56) Ethyl methacrylate	10.508	69	23925	20.210	ug/l #	83
57) 1,3-Dichloropropane	10.789	76	44580	20.854	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	78124	97.326	ug/l	93
59) 2-Hexanone	10.831	43	76397	104.507	ug/l	87
60) Dibromochloromethane	10.984	129	34998	22.314	ug/l	99
61) 1,2-Dibromoethane	11.087	107	25195	21.088	ug/l	99
64) Tetrachloroethene	10.721	164	40924	20.652	ug/l	99
65) Chlorobenzene	11.514	112	95780	20.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	37597	21.619	ug/l	99
67) Ethyl Benzene	11.593	91	171224	20.206	ug/l	99
68) m/p-Xylenes	11.703	106	130622	40.641	ug/l	93
69) o-Xylene	12.026	106	61012	20.446	ug/l	97
70) Styrene	12.044	104	88619	20.740	ug/l	98
71) Bromoform	12.209	173	19784	21.924	ug/l #	100
73) Isopropylbenzene	12.331	105	166820	19.561	ug/l	99
74) N-amyl acetate	12.142	43	32646	19.058	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	28033	20.485	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	36273	35.905	ug/l #	100
77) Bromobenzene	12.611	156	39025	20.247	ug/l	93
78) n-propylbenzene	12.672	91	196530	19.500	ug/l	99
79) 2-Chlorotoluene	12.758	91	109570	19.728	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	136568	19.862	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	9409	20.216	ug/l	93
82) 4-Chlorotoluene	12.855	91	115055	20.047	ug/l	100
83) tert-Butylbenzene	13.075	119	118622	19.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	135021	19.943	ug/l	98
85) sec-Butylbenzene	13.252	105	172035	19.884	ug/l	99
86) p-Isopropyltoluene	13.367	119	148822	19.976	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74726	20.152	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	73196	20.198	ug/l	98
89) n-Butylbenzene	13.697	91	134974	19.618	ug/l	97
90) Hexachloroethane	13.959	117	28966	20.155	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	64641	20.343	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4193	19.259	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	36286	19.564	ug/l	97
94) Hexachlorobutadiene	15.111	225	22952	21.600	ug/l	97
95) Naphthalene	15.239	128	62595	18.870	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	30200	19.686	ug/l	99

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QLast Update : Thu Nov 09 00:45:52 2023
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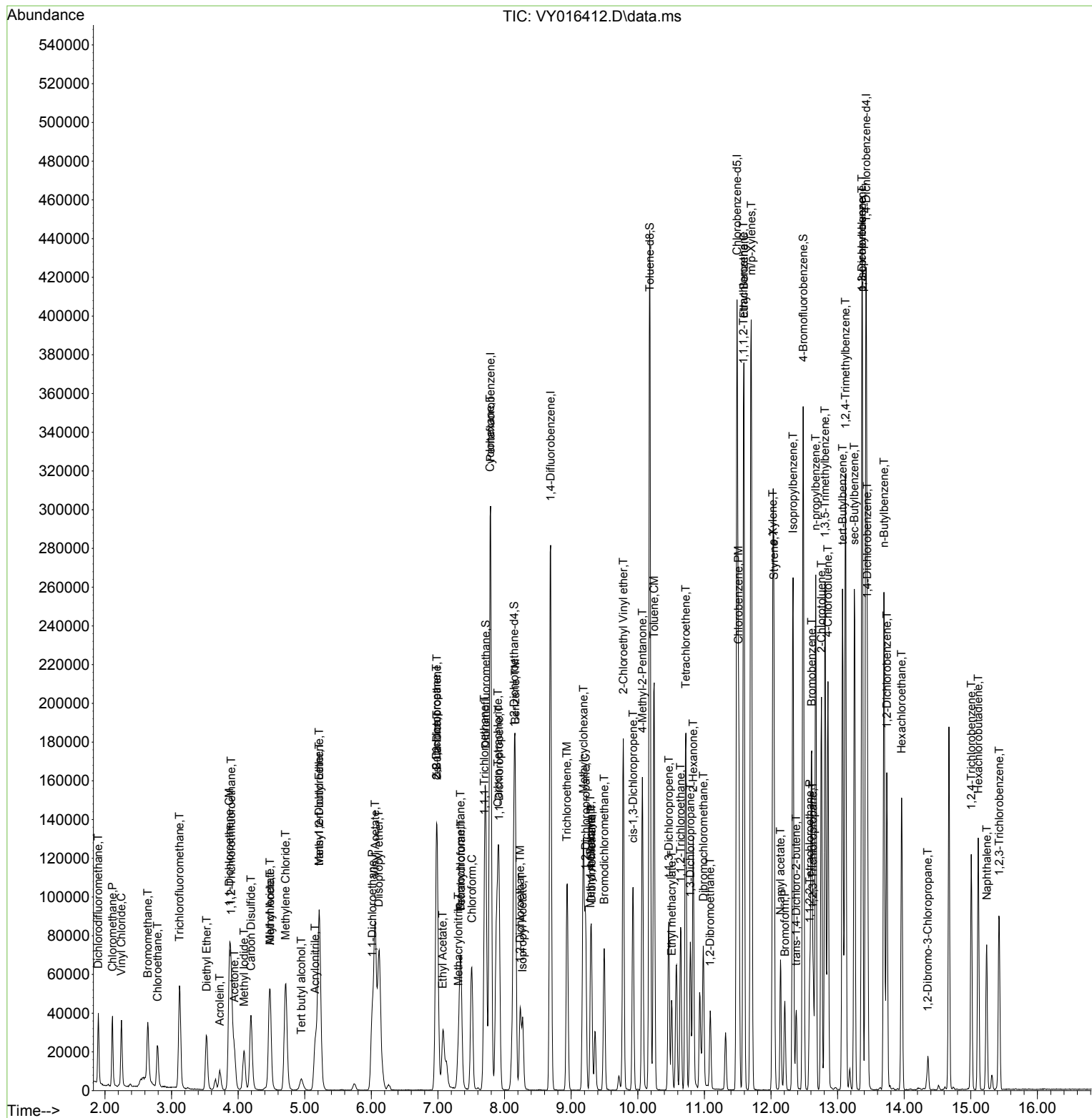
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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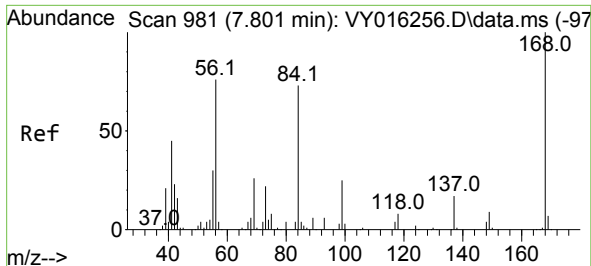
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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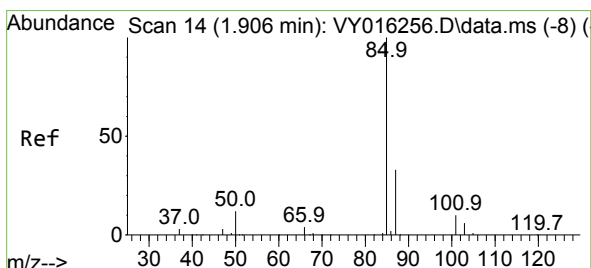
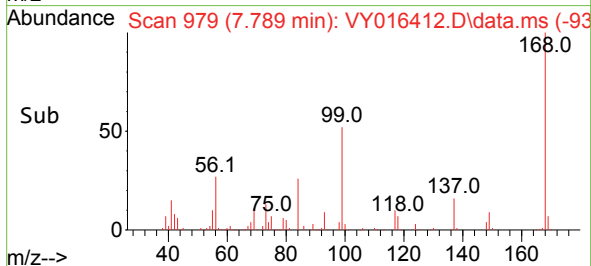
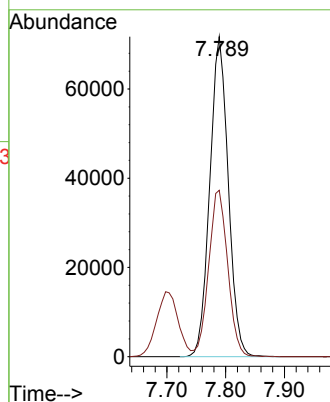
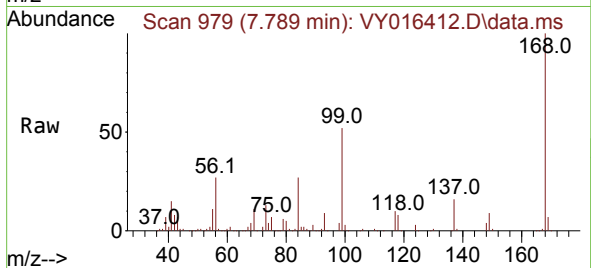




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016412.D
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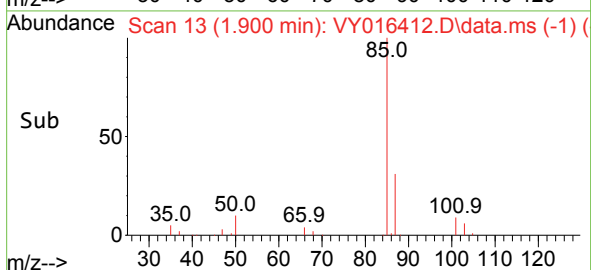
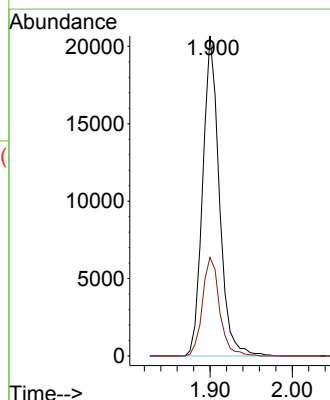
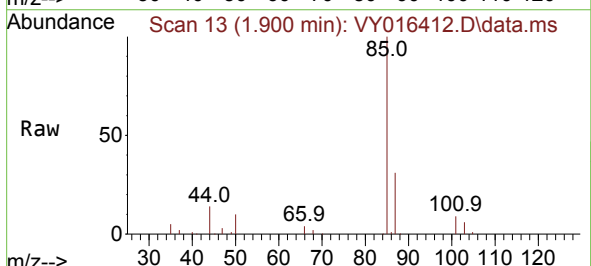
Instrument :
MSVOA_Y
ClientSampleId :

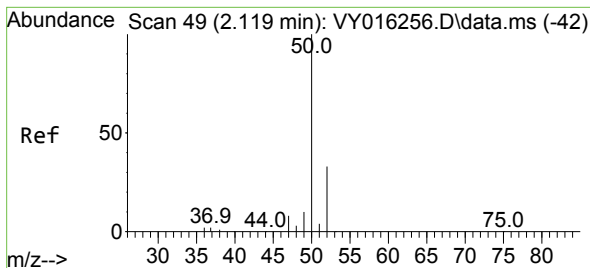
Tgt Ion:168 Resp: 156366
Ion Ratio Lower Upper
168 100
99 52.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.941 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 85 Resp: 29000
Ion Ratio Lower Upper
85 100
87 30.8 15.6 46.8





#3

Chloromethane

Concen: 17.337 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

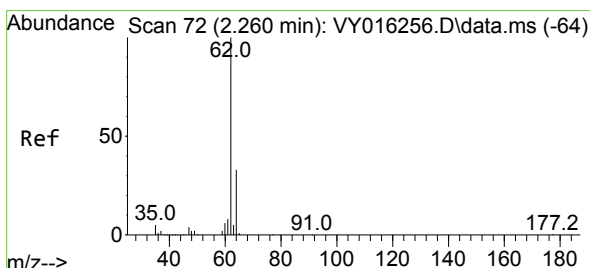
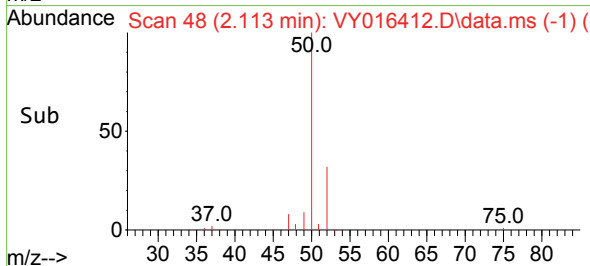
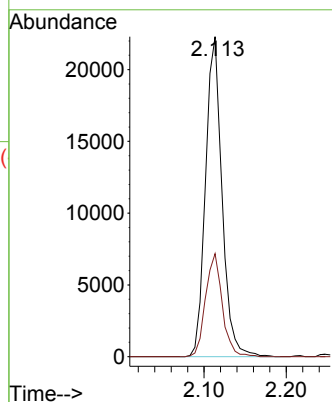
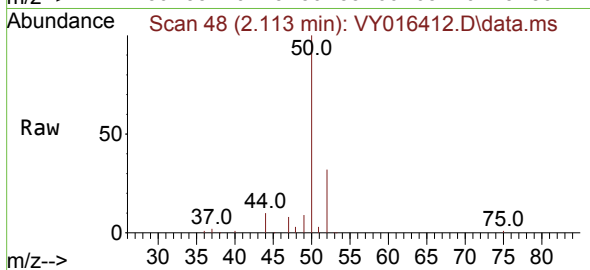
ClientSampleId :

Tgt Ion: 50 Resp: 31087

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 17.029 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.012 min

Lab File: VY016412.D

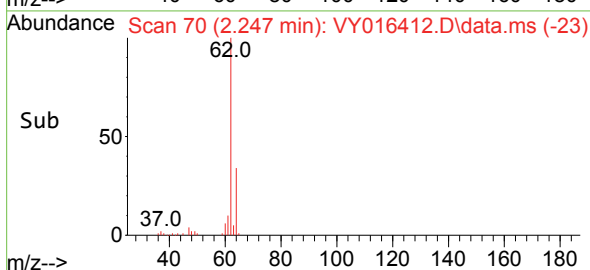
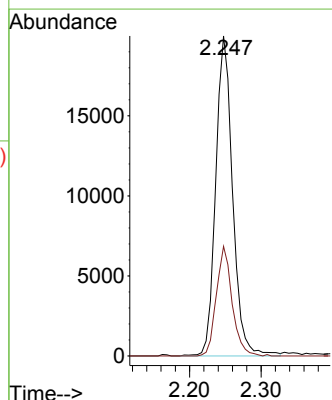
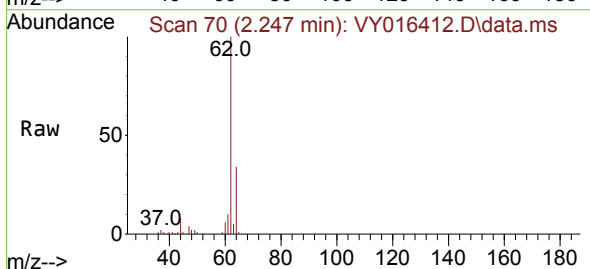
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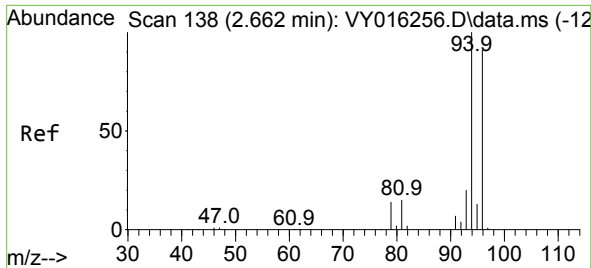
Tgt Ion: 62 Resp: 32835

Ion Ratio Lower Upper

62 100

64 34.2 24.3 36.5





#5

Bromomethane

Concen: 16.863 ug/l

RT: 2.644 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

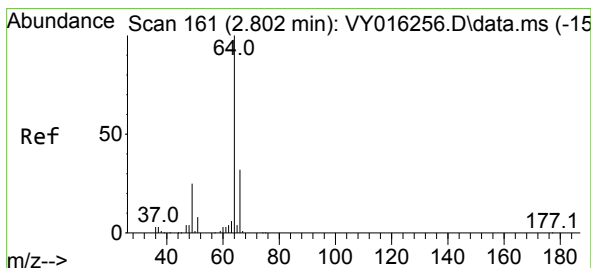
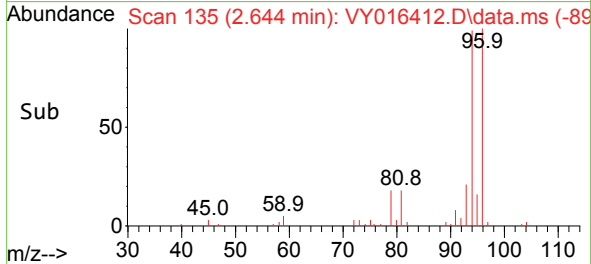
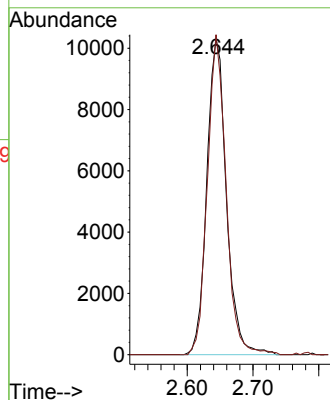
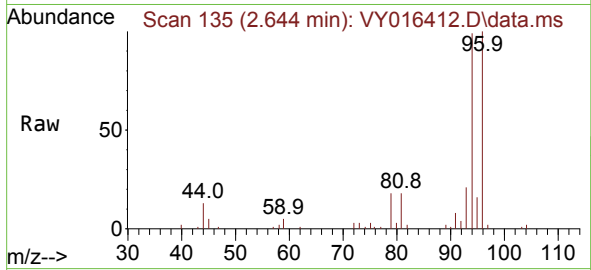
ClientSampleId :

Tgt Ion: 94 Resp: 21368

Ion Ratio Lower Upper

94 100

96 101.3 75.8 113.6



#6

Chloroethane

Concen: 18.046 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.012 min

Lab File: VY016412.D

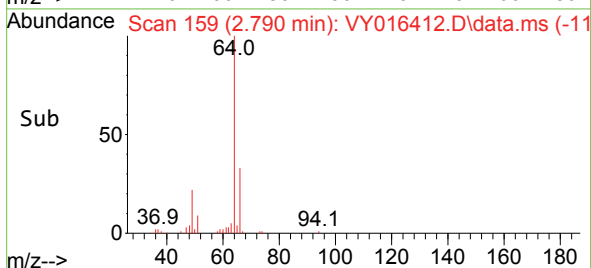
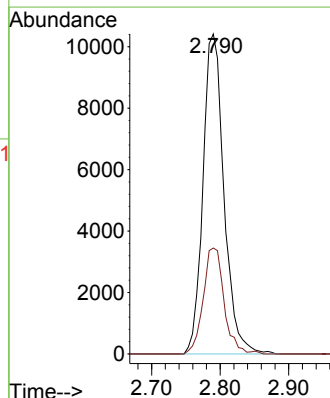
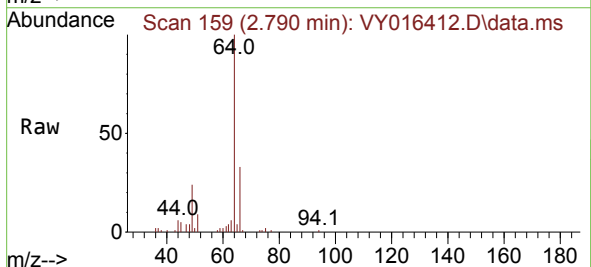
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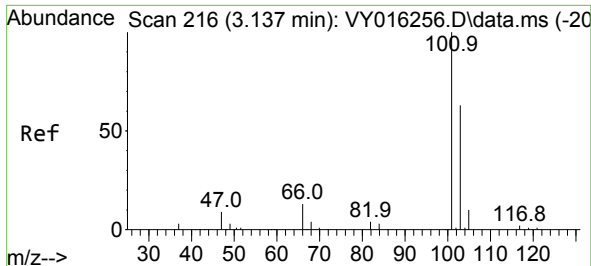
Tgt Ion: 64 Resp: 22203

Ion Ratio Lower Upper

64 100

66 33.1 24.4 36.6

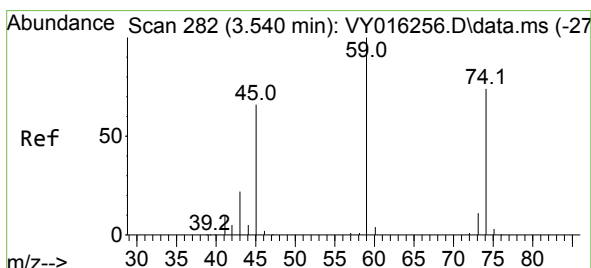
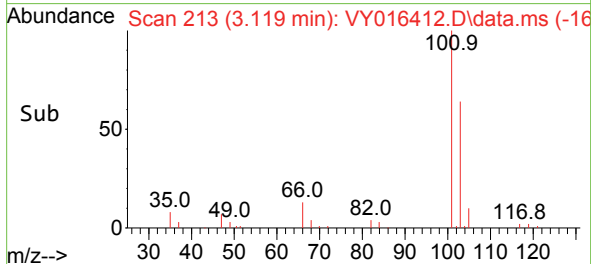
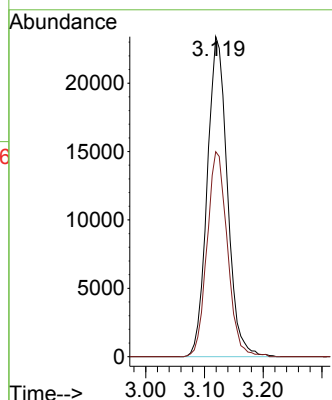
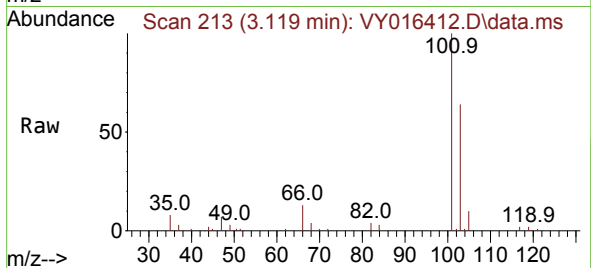




#7
 Trichlorofluoromethane
 Concen: 19.879 ug/l
 RT: 3.119 min Scan# 216
 Delta R.T. -0.018 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

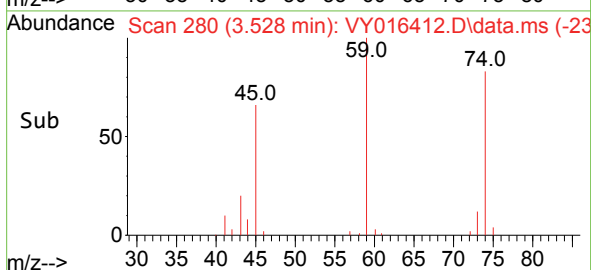
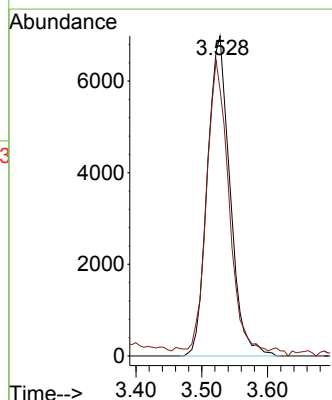
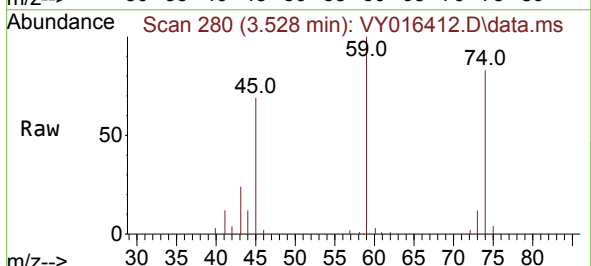
Instrument :
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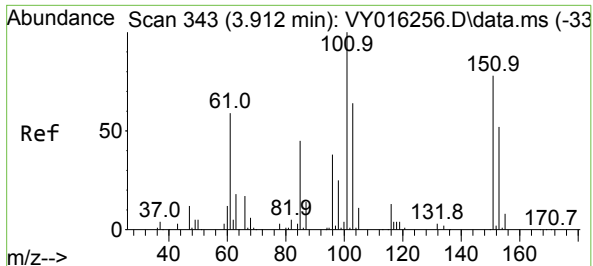
Tgt Ion:101 Resp: 55766
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.935 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.012 min
 Lab File: VY016412.D
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Tgt Ion: 74 Resp: 16714
 Ion Ratio Lower Upper
 74 100
 45 87.9 51.5 154.5

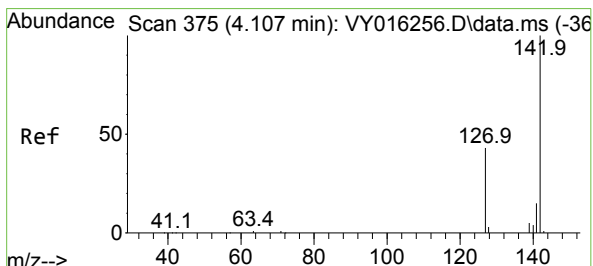
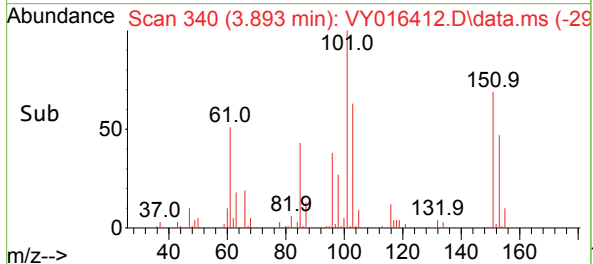
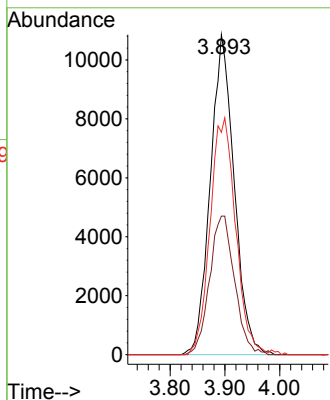
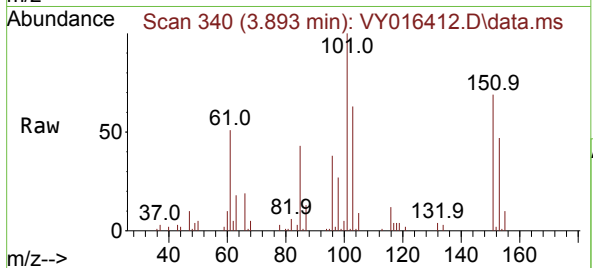




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.461 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

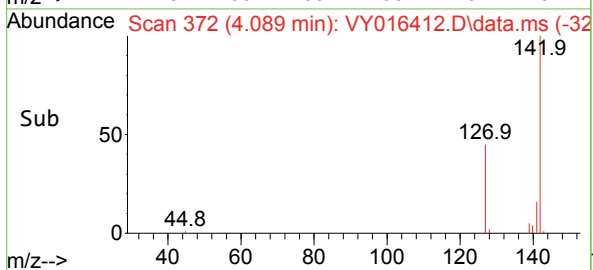
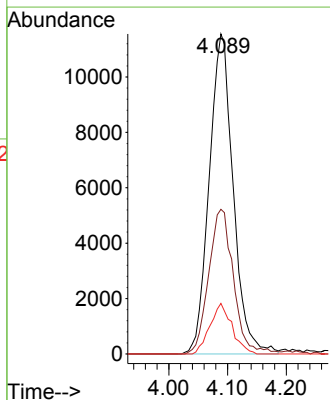
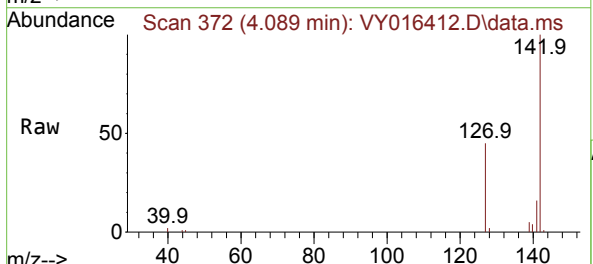
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:101 Resp: 32882
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 78.9 67.0 100.6



#10
Methyl Iodide
Concen: 17.960 ug/l
RT: 4.089 min Scan# 372
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion:142 Resp: 32774
Ion Ratio Lower Upper
142 100
127 46.6 37.6 56.4
141 14.6 11.8 17.8

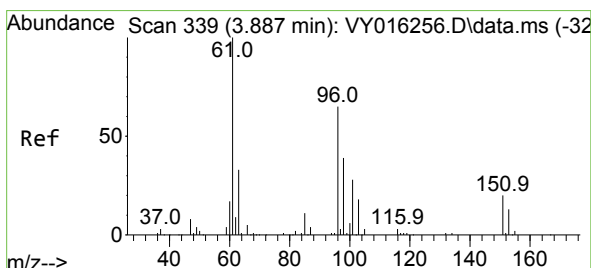
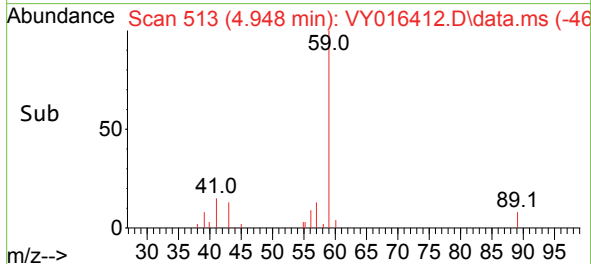
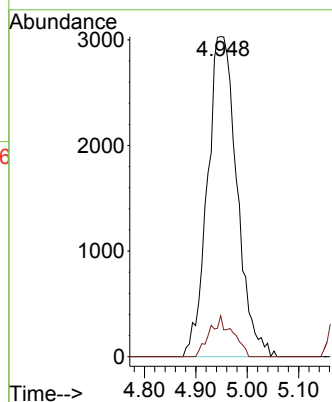
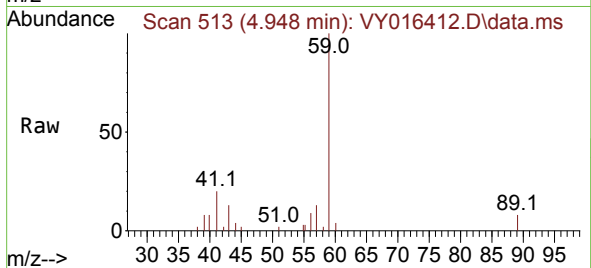




#11
Tert butyl alcohol
Concen: 107.942 ug/l
RT: 4.948 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

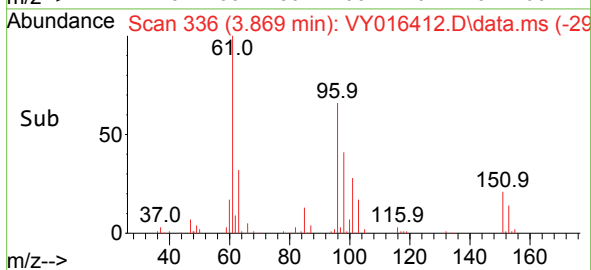
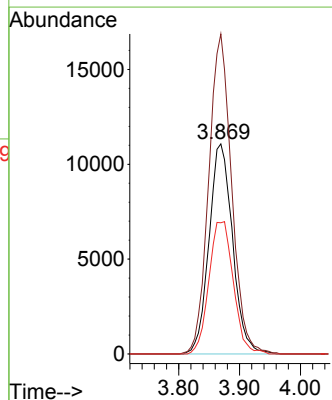
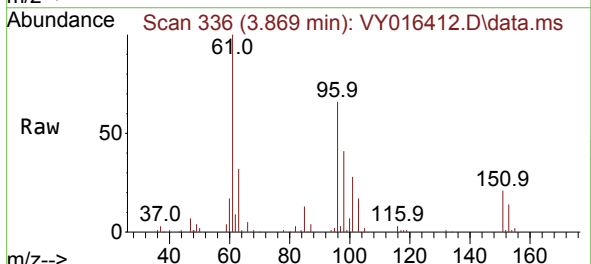
Instrument :
MSVOA_Y
ClientSampleId :

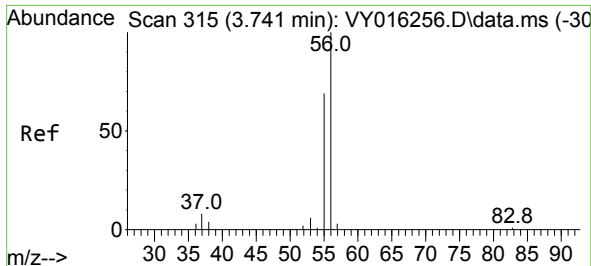
Tgt Ion: 59 Resp: 12080
Ion Ratio Lower Upper
59 100
57 9.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.845 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 96 Resp: 29778
Ion Ratio Lower Upper
96 100
61 152.3 136.4 204.6
98 62.4 49.4 74.2





#13

Acrolein

Concen: 88.454 ug/l

RT: 3.723 min Scan# 31

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

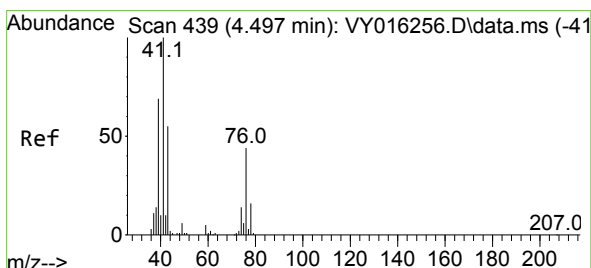
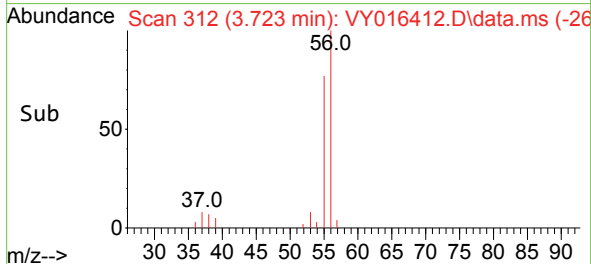
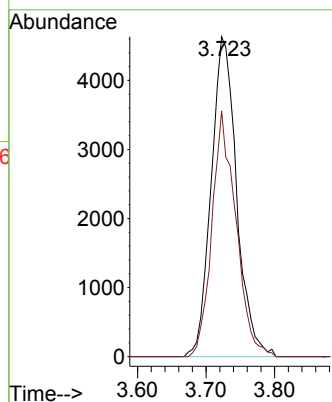
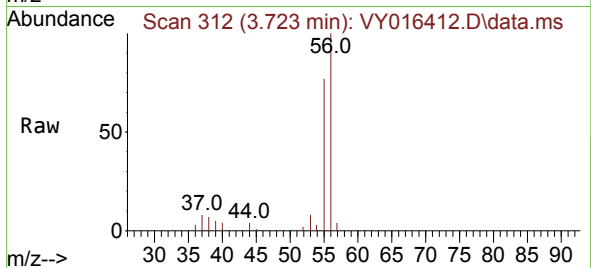
ClientSampleId :

Tgt Ion: 56 Resp: 11940

Ion Ratio Lower Upper

56 100

55 72.4 57.0 85.4



#14

Allyl chloride

Concen: 18.208 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

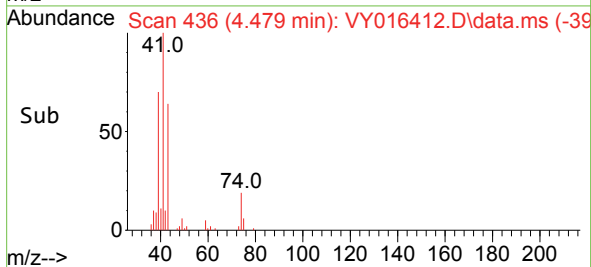
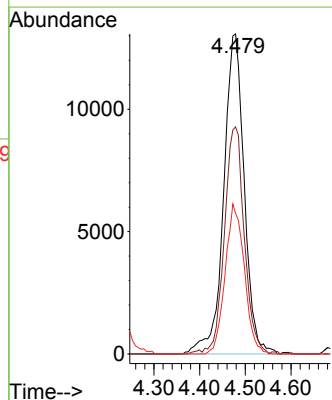
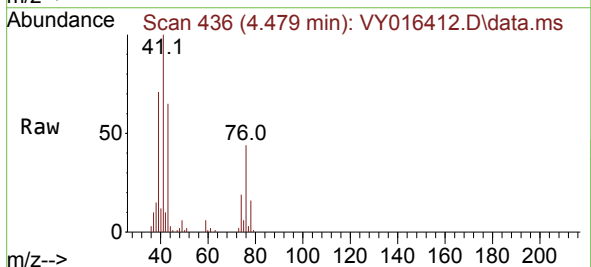
Tgt Ion: 41 Resp: 40827

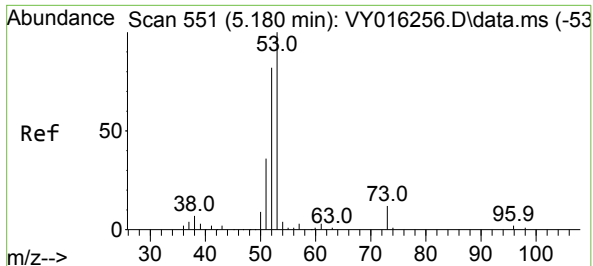
Ion Ratio Lower Upper

41 100

39 68.8 58.0 87.0

76 43.8 27.4 41.2#





#15

Acrylonitrile

Concen: 102.547 ug/l

RT: 5.155 min Scan# 54

Delta R.T. -0.024 min

Lab File: VY016412.D

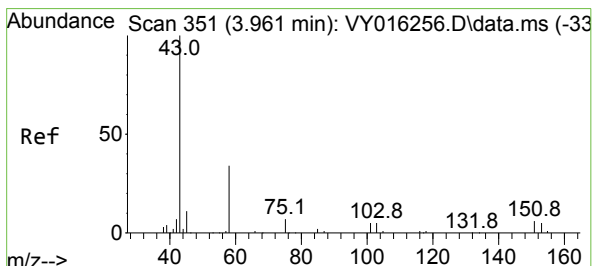
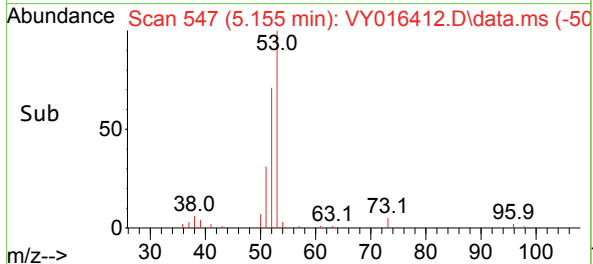
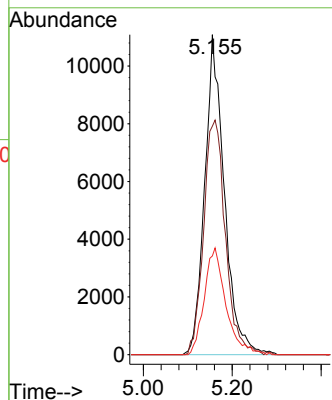
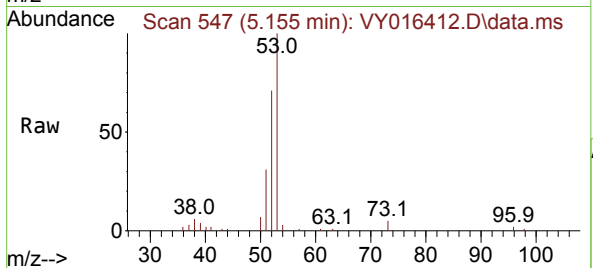
Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp: 34120
Ion Ratio	Lower Upper
53	100
52	81.0 66.9 100.3
51	36.8 29.8 44.6



#16

Acetone

Concen: 125.214 ug/l

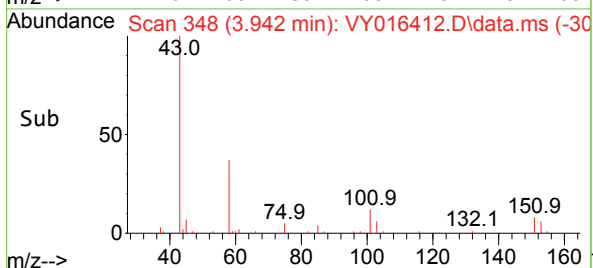
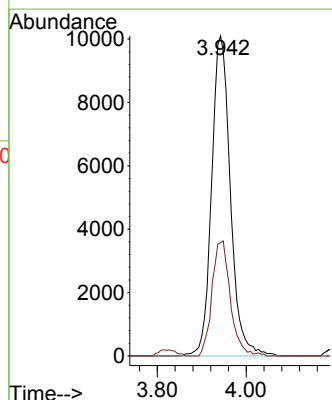
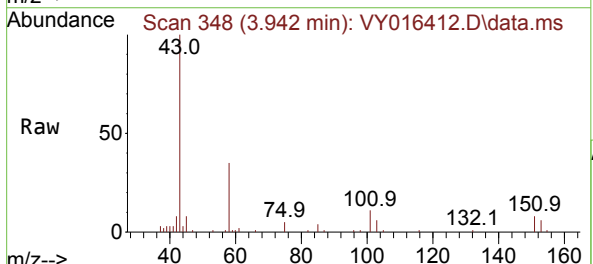
RT: 3.942 min Scan# 348

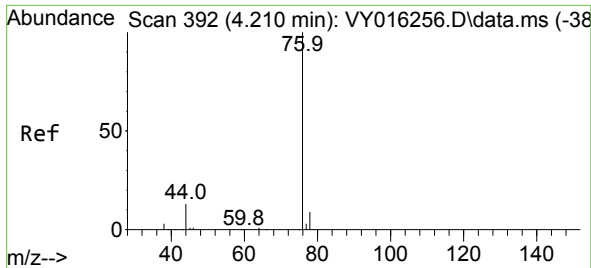
Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Tgt Ion: 43	Resp: 29600
Ion Ratio	Lower Upper
43	100
58	35.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 16.057 ug/l

RT: 4.192 min Scan# 392

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

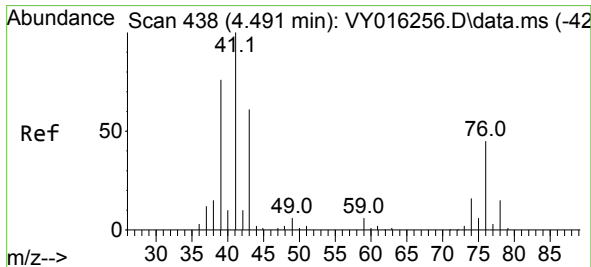
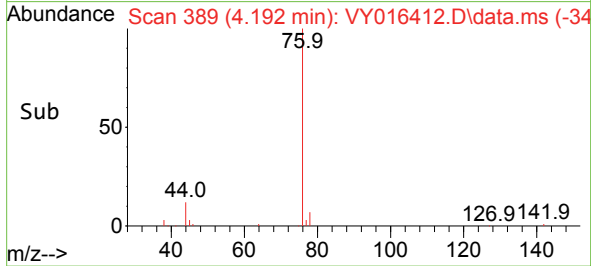
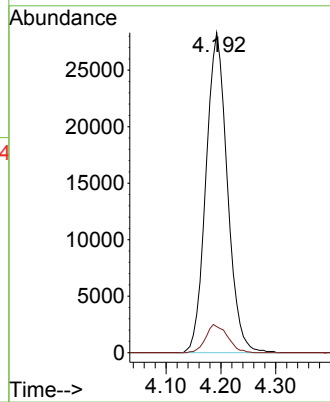
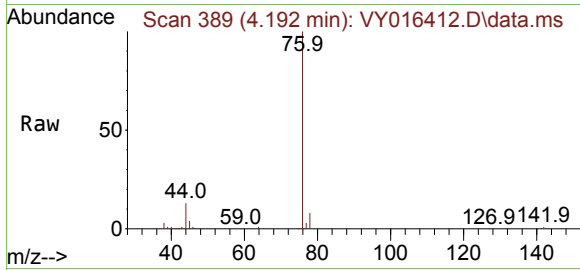
ClientSampleId :

Tgt Ion: 76 Resp: 76555

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.4



#18

Methyl Acetate

Concen: 20.477 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY016412.D

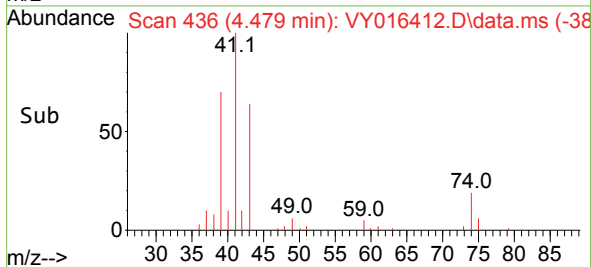
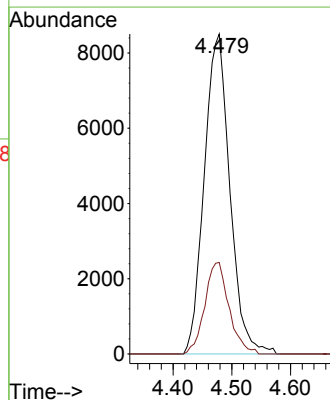
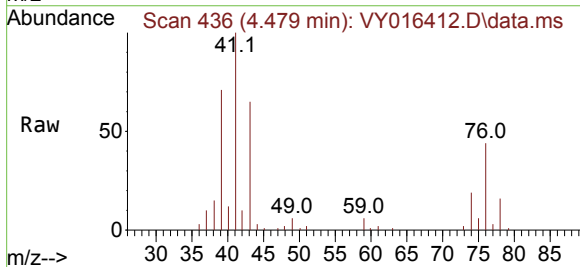
Acq: 17 Nov 2023 16:05

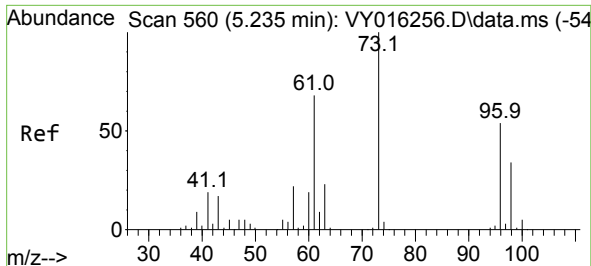
Tgt Ion: 43 Resp: 25722

Ion Ratio Lower Upper

43 100

74 27.1 17.4 26.0#

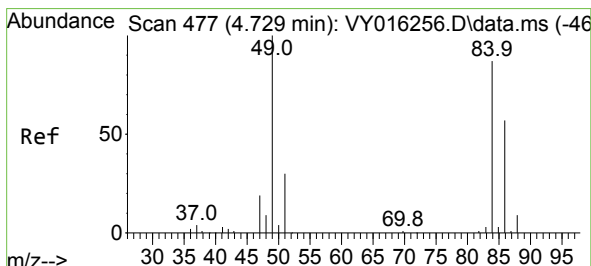
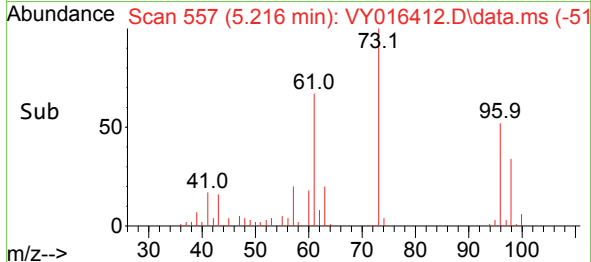
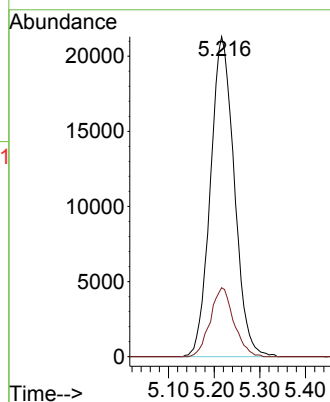
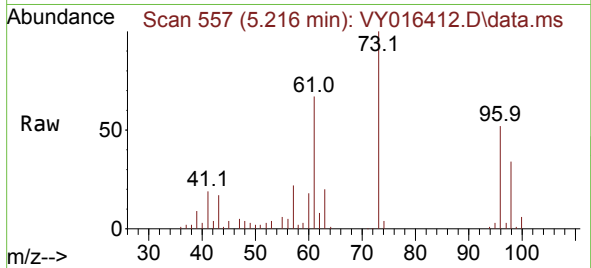




#19
Methyl tert-butyl Ether
Concen: 20.214 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

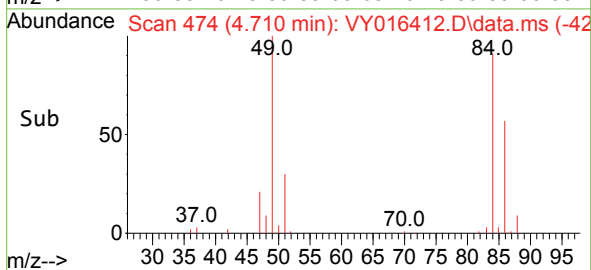
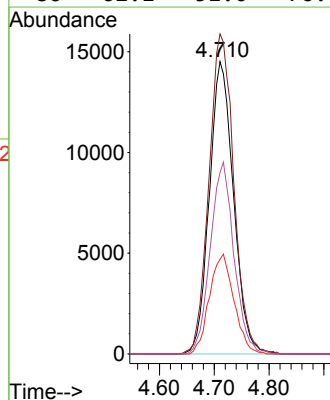
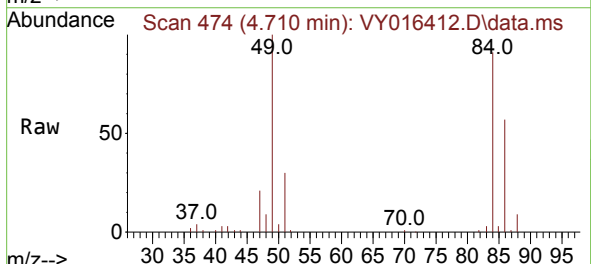
Instrument :
MSVOA_Y
ClientSampleId :

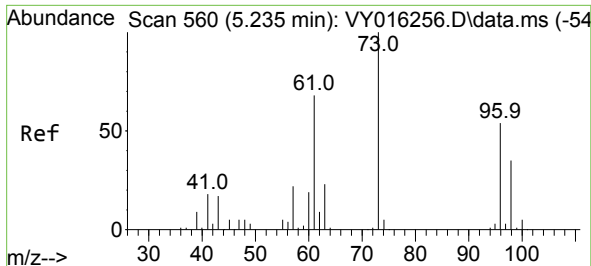
Tgt Ion: 73 Resp: 77309
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 24.833 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.019 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 84 Resp: 44396
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 32.4 33.2 49.8#
86 62.1 51.0 76.6

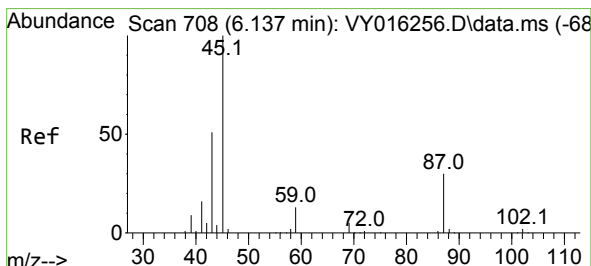
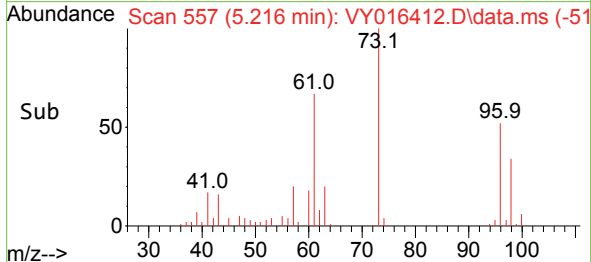
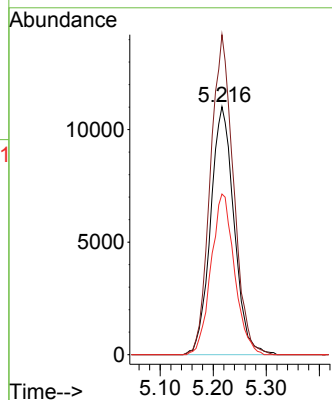
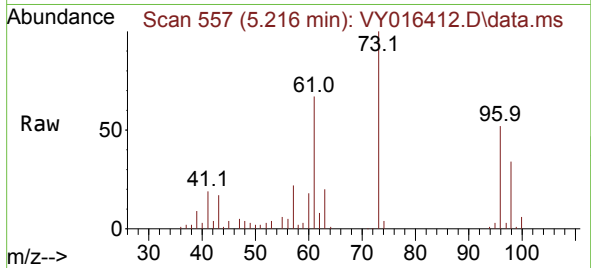




#21
trans-1,2-Dichloroethene
Concen: 18.648 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

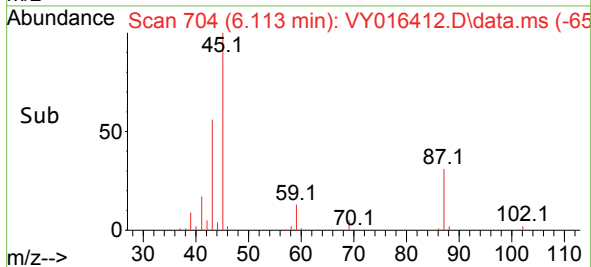
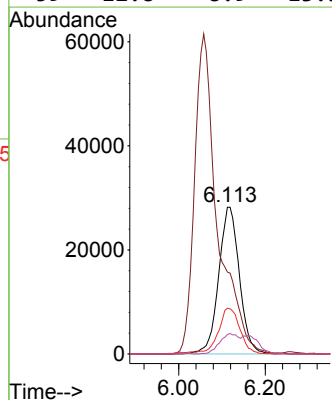
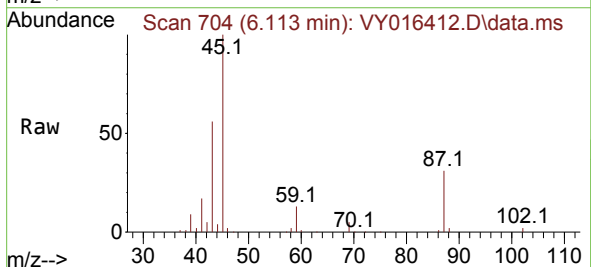
Instrument :
MSVOA_Y
ClientSampleId :

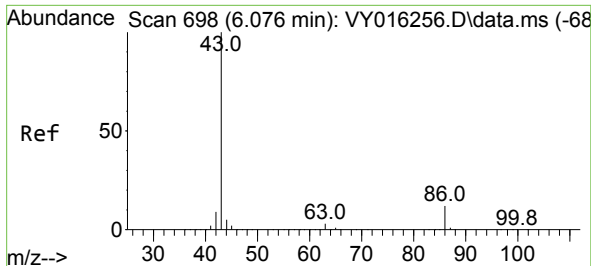
Tgt Ion: 96 Resp: 33927
Ion Ratio Lower Upper
96 100
61 129.0 110.2 165.4
98 64.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.433 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.024 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 45 Resp: 93908
Ion Ratio Lower Upper
45 100
43 55.1 52.2 78.4
87 31.1 21.0 31.6
59 12.8 8.9 13.3

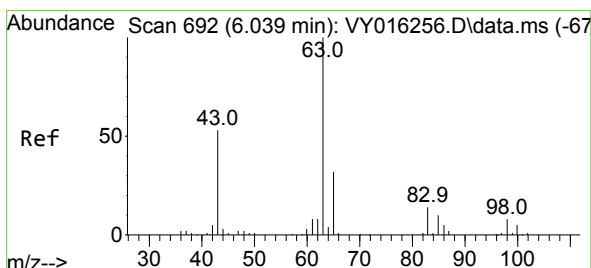
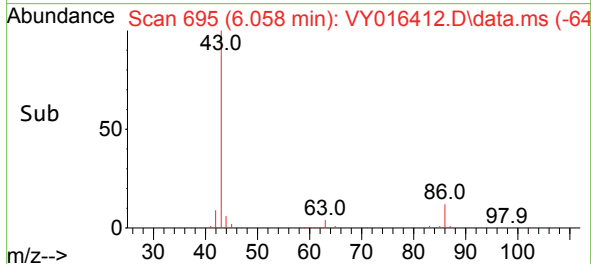
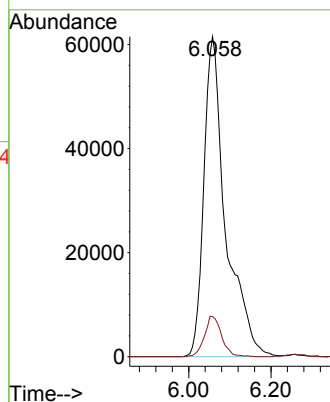
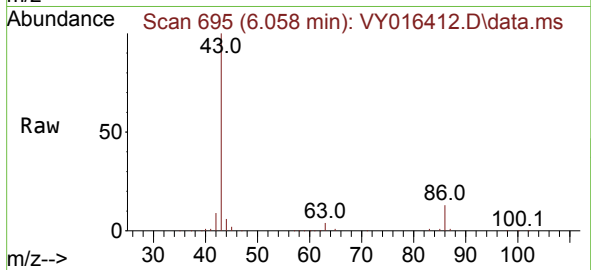




#23
 Vinyl Acetate
 Concen: 96.809 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.018 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

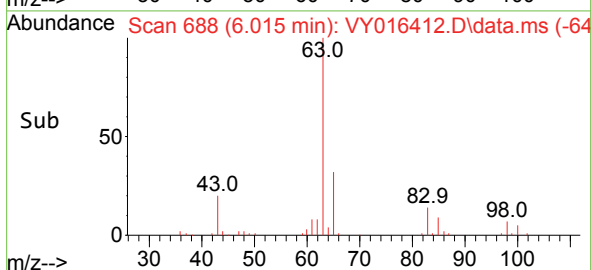
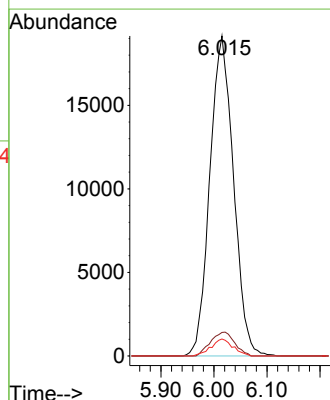
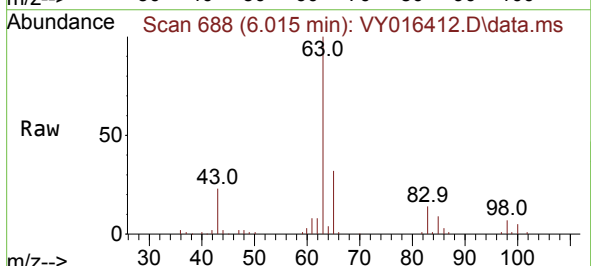
Instrument :
 MSVOA_Y
 ClientSampleId :

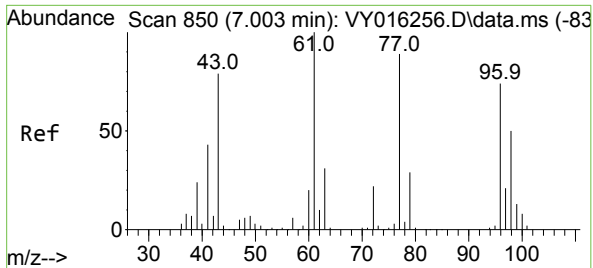
Tgt Ion: 43 Resp: 226684
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.920 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.024 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

Tgt Ion: 63 Resp: 59386
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.3 1.8 5.5

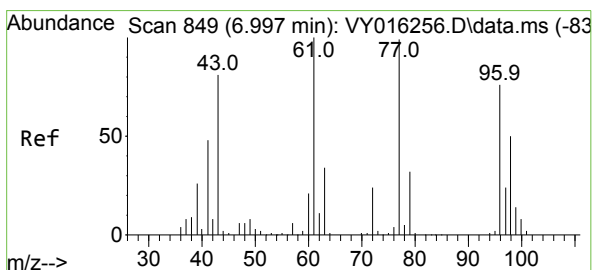
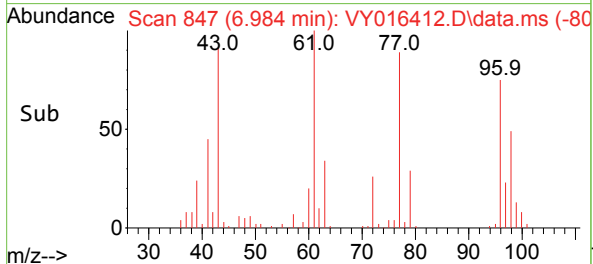
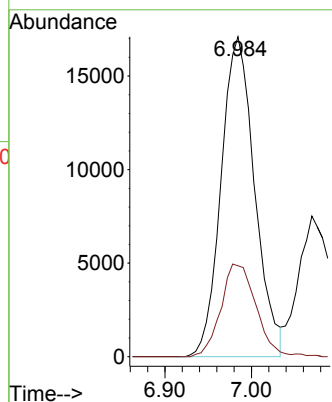
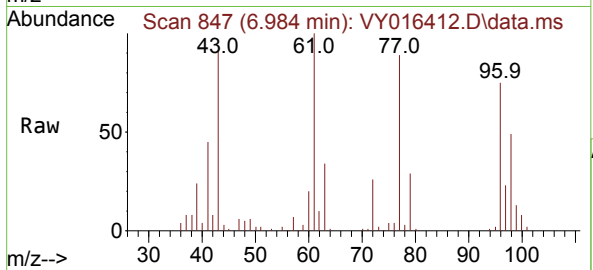




#25
2-Butanone
Concen: 111.154 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

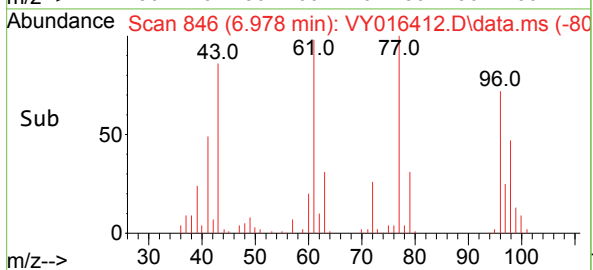
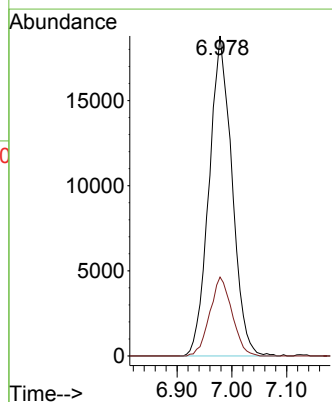
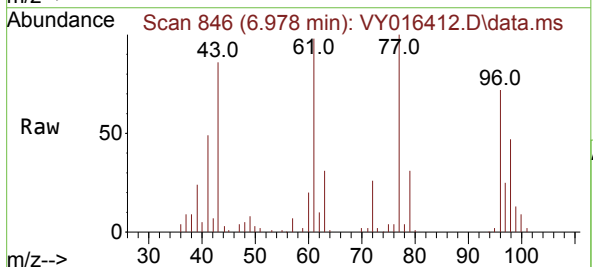
Instrument :
MSVOA_Y
ClientSampleId :

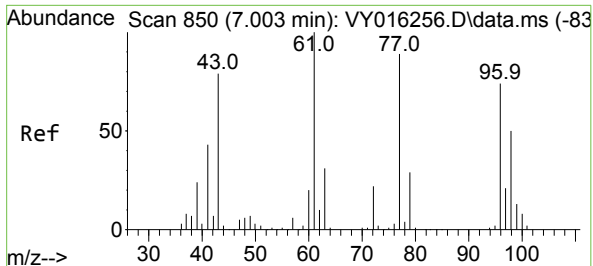
Tgt Ion: 43 Resp: 46024
Ion Ratio Lower Upper
43 100
72 28.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.076 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 77 Resp: 54472
Ion Ratio Lower Upper
77 100
97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.793 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

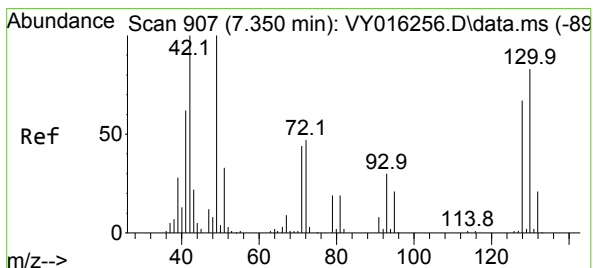
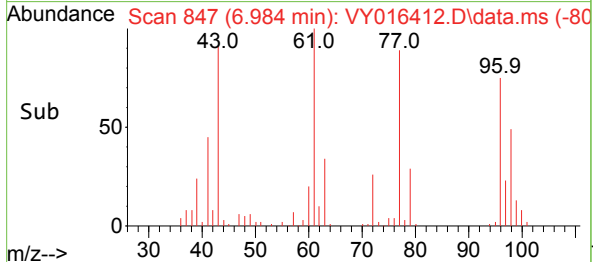
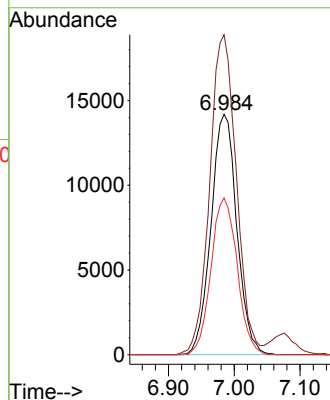
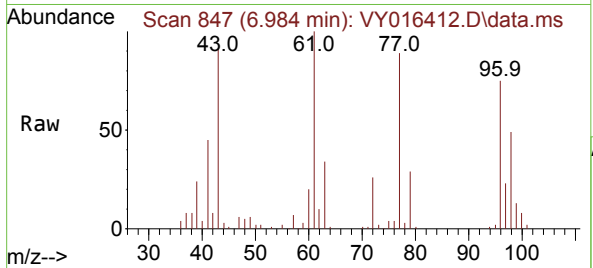
Tgt Ion: 96 Resp: 38808

Ion Ratio Lower Upper

96 100

61 136.8 0.0 301.4

98 66.0 0.0 130.4



#28

Bromochloromethane

Concen: 19.971 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

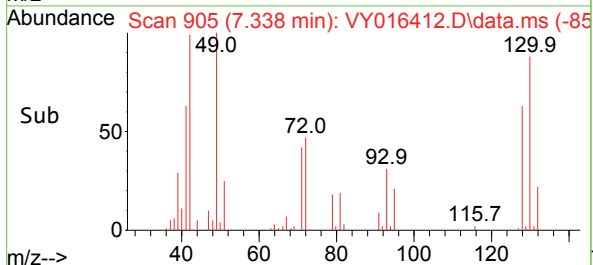
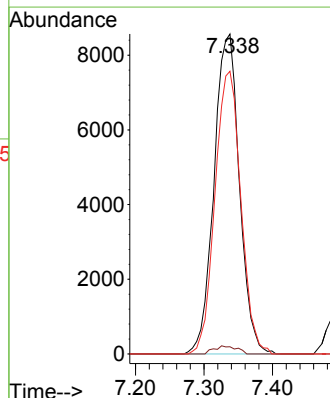
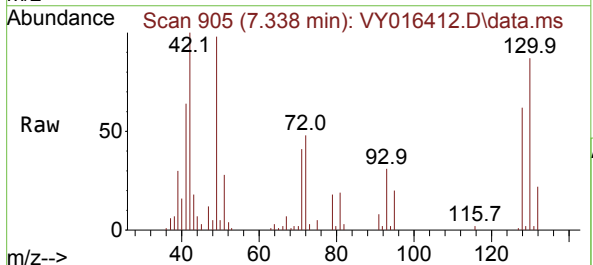
Tgt Ion: 49 Resp: 22035

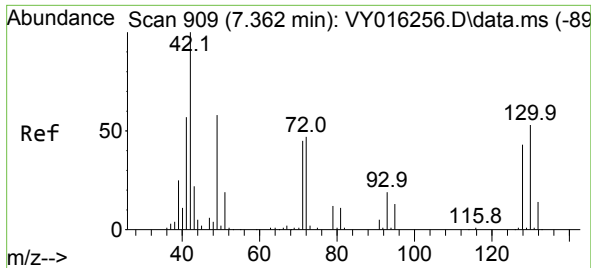
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

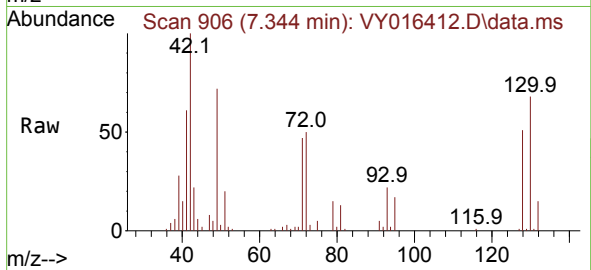
130 89.9 60.7 91.1



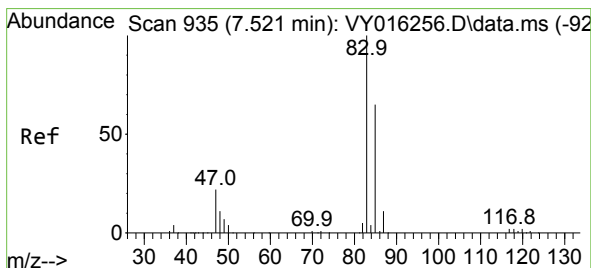
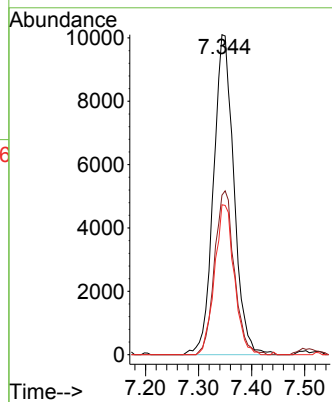
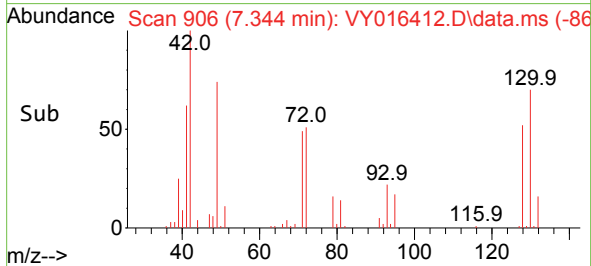


#29
Tetrahydrofuran
Concen: 98.798 ug/l
RT: 7.344 min Scan# 909
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

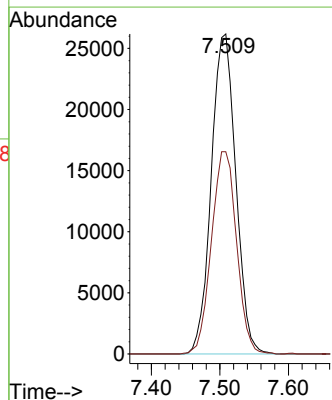
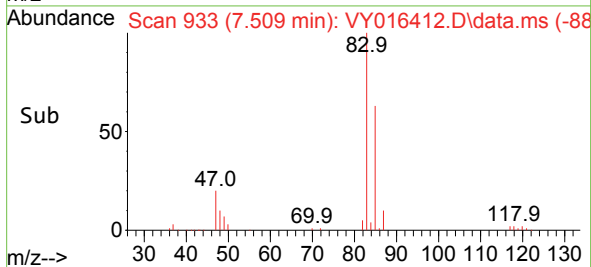
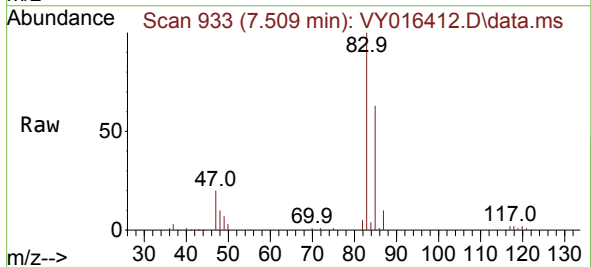


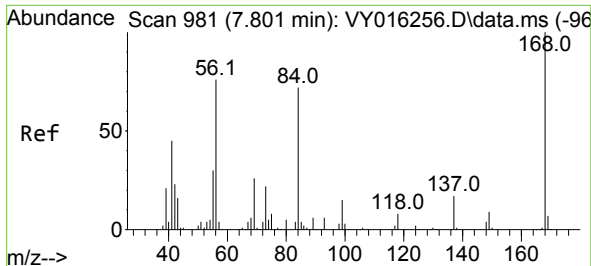
Tgt Ion: 42 Resp: 27039
Ion Ratio Lower Upper
42 100
72 49.6 32.8 49.2#
71 45.0 31.0 46.4



#30
Chloroform
Concen: 20.976 ug/l
RT: 7.509 min Scan# 933
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 83 Resp: 65091
Ion Ratio Lower Upper
83 100
85 63.2 49.7 74.5

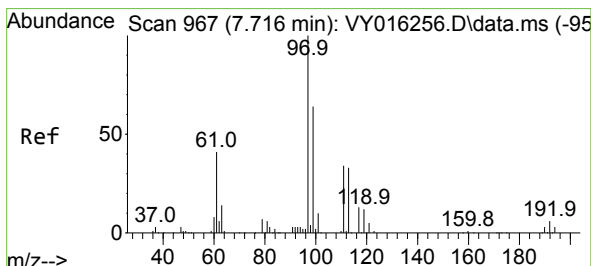
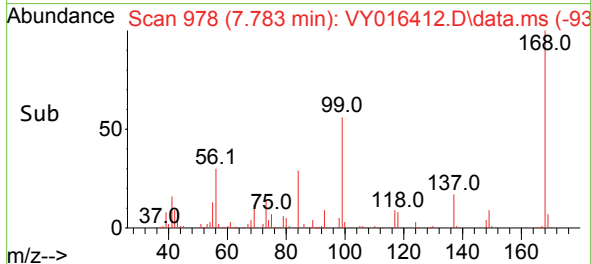
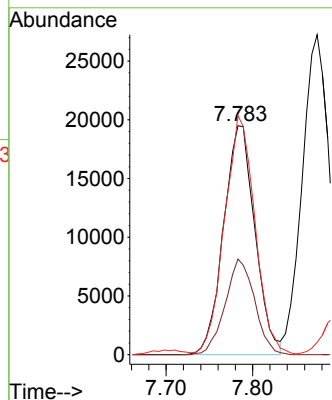
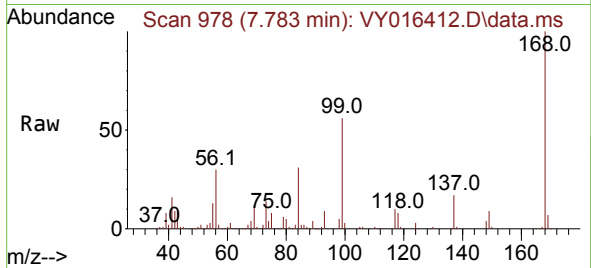




#31
Cyclohexane
Concen: 17.467 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

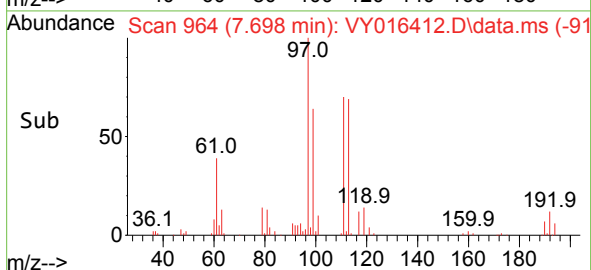
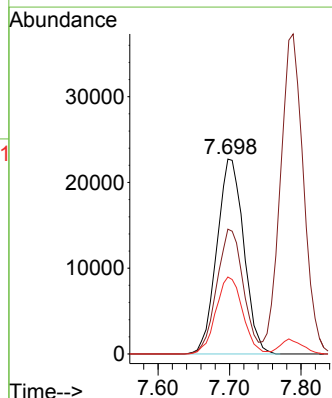
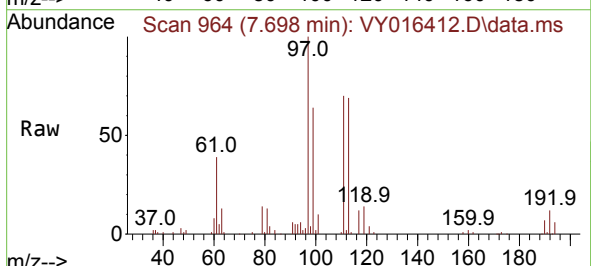
Instrument :
MSVOA_Y
ClientSampleId :

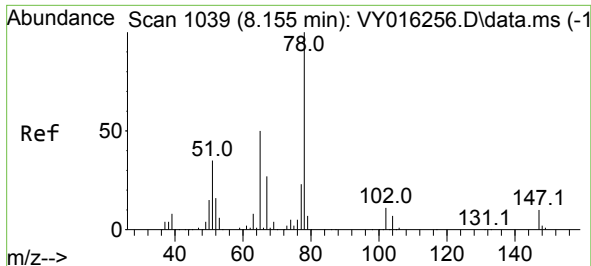
Tgt Ion: 56 Resp: 49147
Ion Ratio Lower Upper
56 100
69 41.7 27.8 41.6#
84 103.0 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.866 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 97 Resp: 59353
Ion Ratio Lower Upper
97 100
99 62.9 50.8 76.2
61 39.5 35.1 52.7

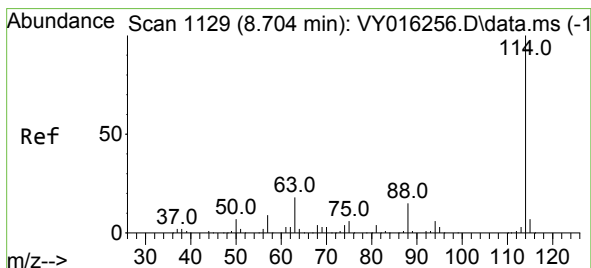
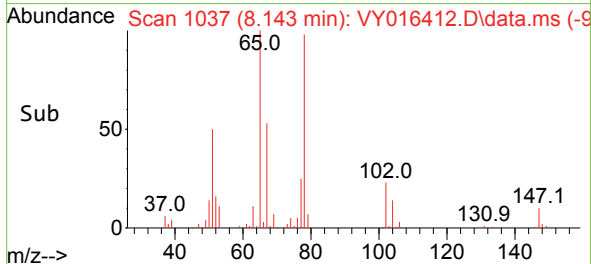
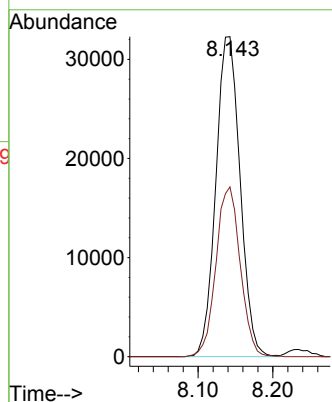
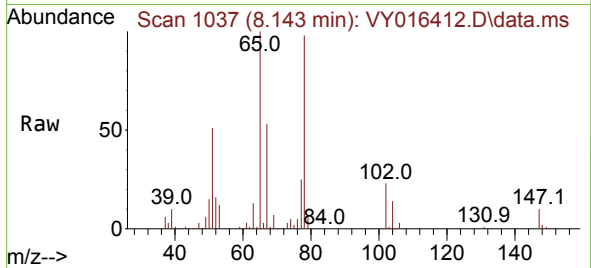




#33
 1,2-Dichloroethane-d4
 Concen: 51.049 ug/l
 RT: 8.143 min Scan# 110
 Delta R.T. -0.012 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

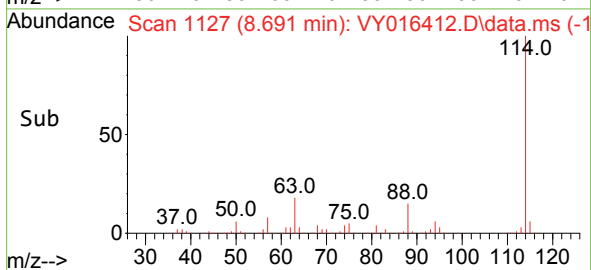
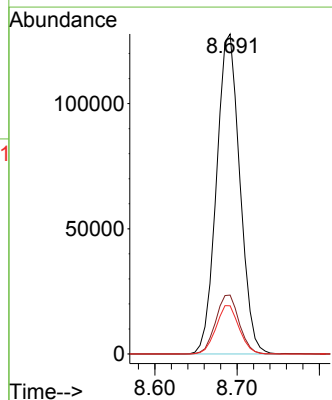
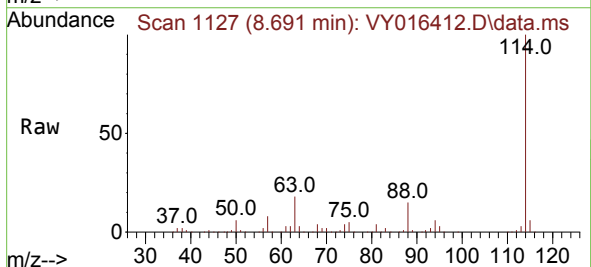
Instrument :
 MSVOA_Y
 ClientSampleId :

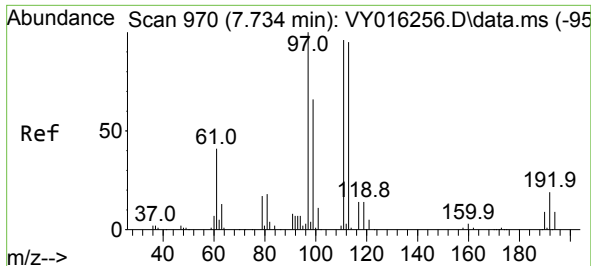
Tgt Ion: 65 Resp: 72956
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.012 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

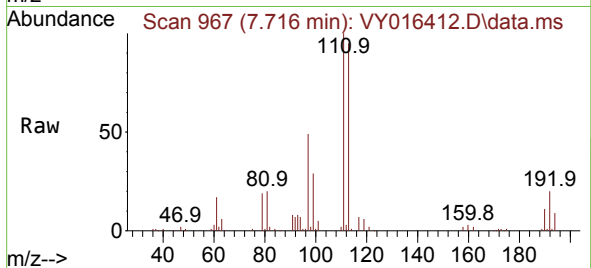
Tgt Ion:114 Resp: 252277
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.1 0.0 30.6



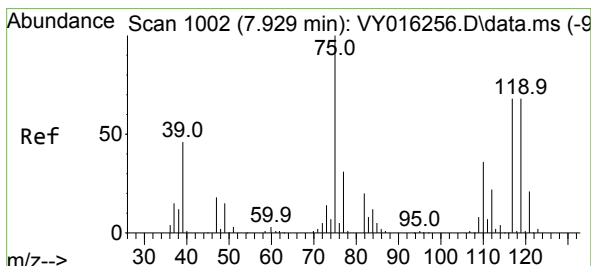
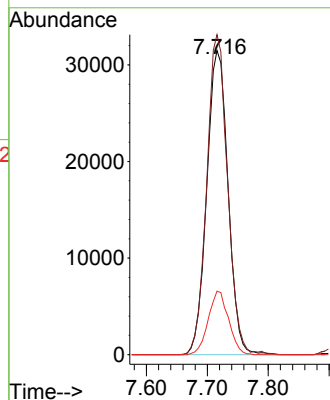
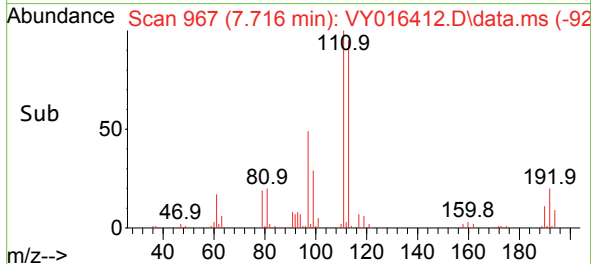


#35
Dibromofluoromethane
Concen: 53.319 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

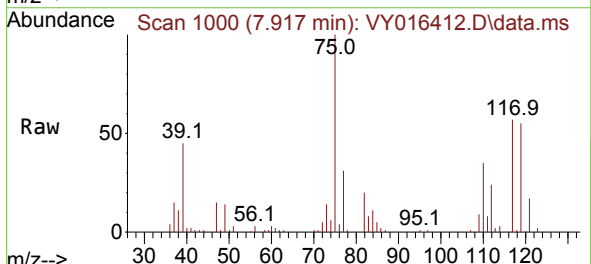
Instrument :
MSVOA_Y
ClientSampleId :



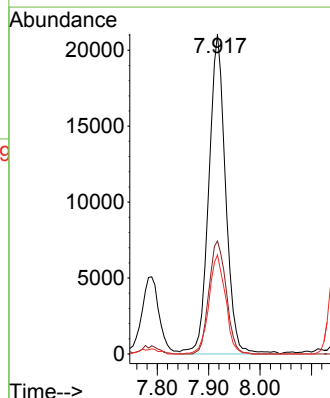
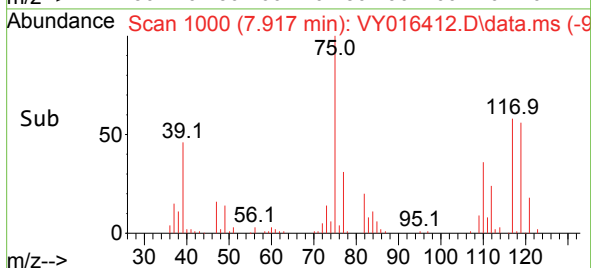
Tgt Ion:113 Resp: 76411
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 20.0 16.9 25.3

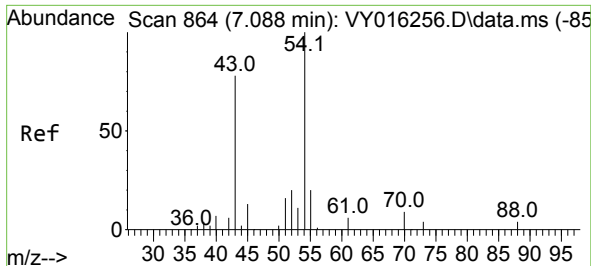


#36
1,1-Dichloropropene
Concen: 19.167 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05



Tgt Ion: 75 Resp: 47697
Ion Ratio Lower Upper
75 100
110 36.2 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 20.664 ug/l

RT: 7.070 min Scan# 80

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

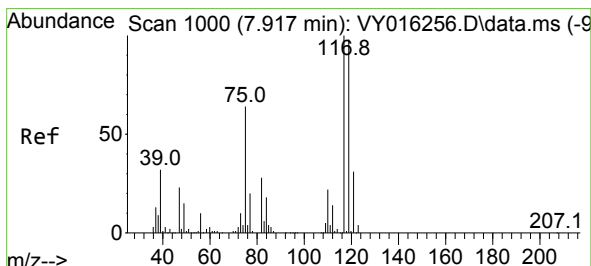
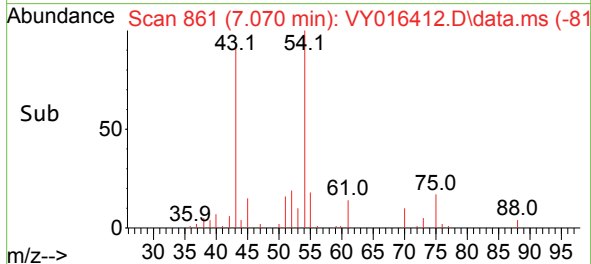
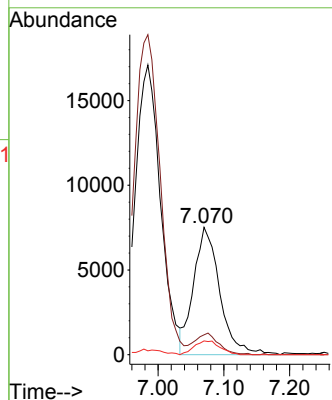
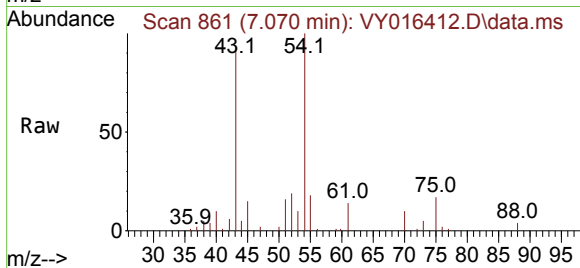
Tgt Ion: 43 Resp: 20777

Ion Ratio Lower Upper

43 100

61 15.0 10.1 15.1

70 10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.335 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.018 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

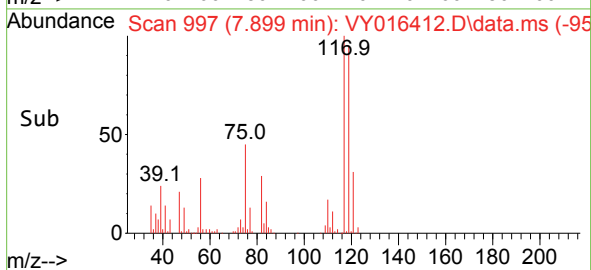
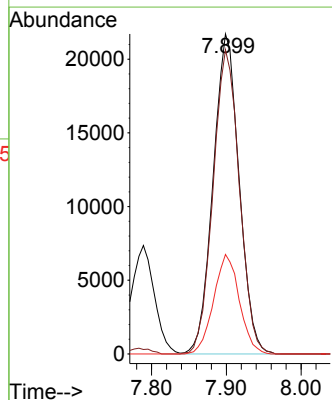
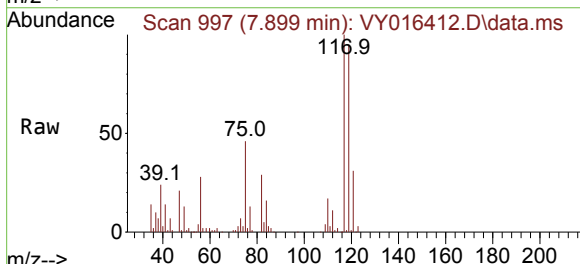
Tgt Ion: 117 Resp: 52517

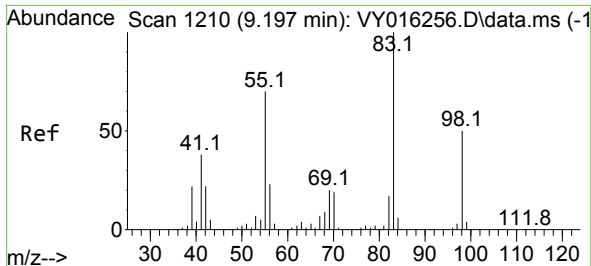
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 17.850 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

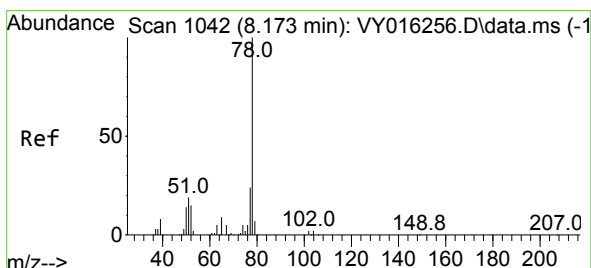
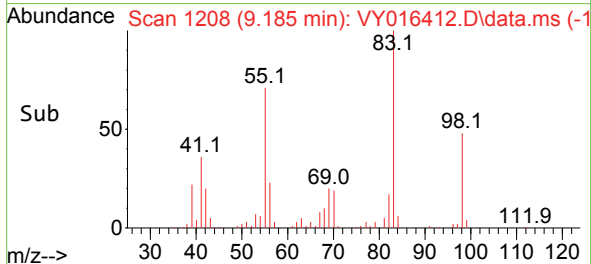
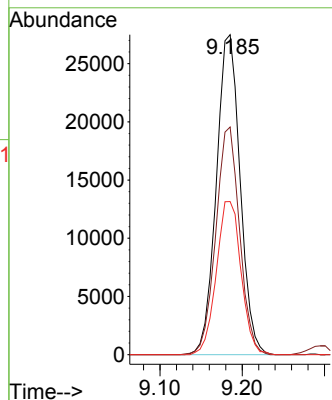
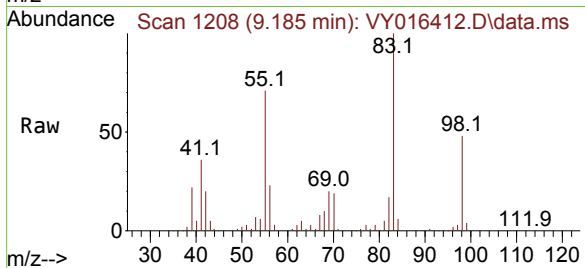
Tgt Ion: 83 Resp: 55348

Ion Ratio Lower Upper

83 100

55 71.2 63.0 94.4

98 47.8 37.4 56.2



#40

Benzene

Concen: 19.852 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016412.D

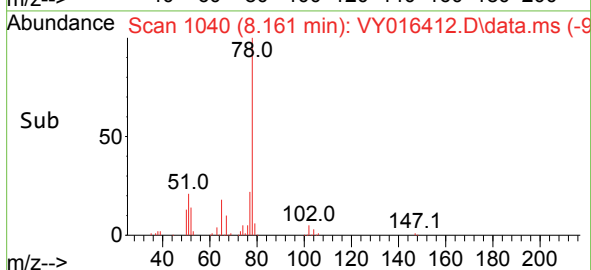
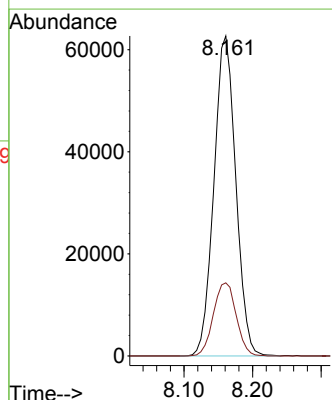
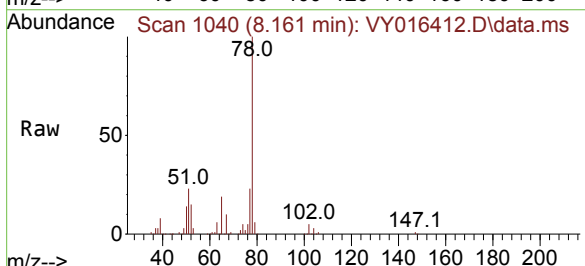
Acq: 17 Nov 2023 16:05

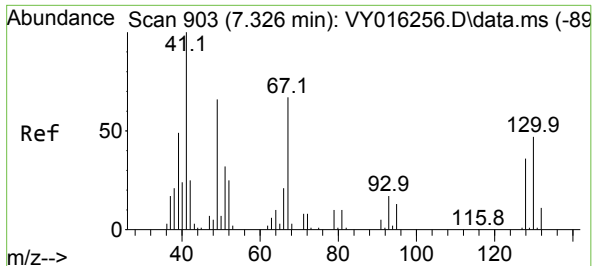
Tgt Ion: 78 Resp: 138793

Ion Ratio Lower Upper

78 100

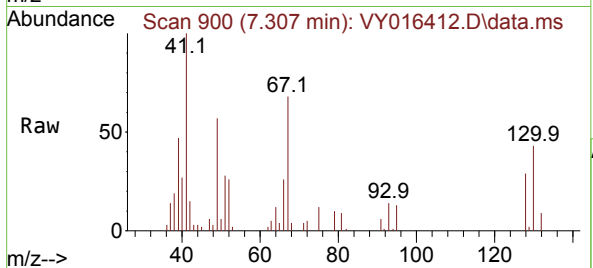
77 22.8 19.0 28.6



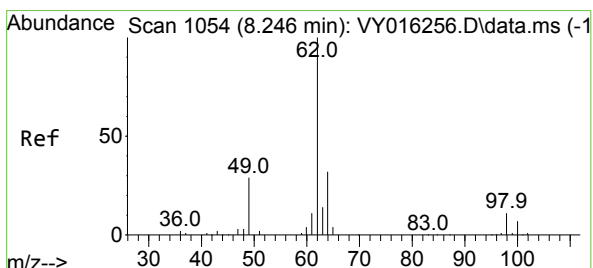
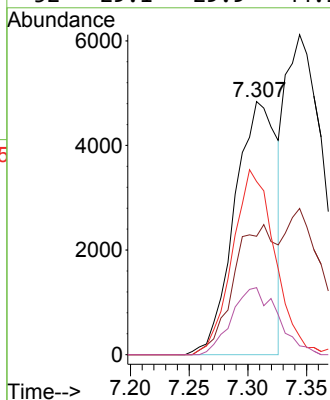
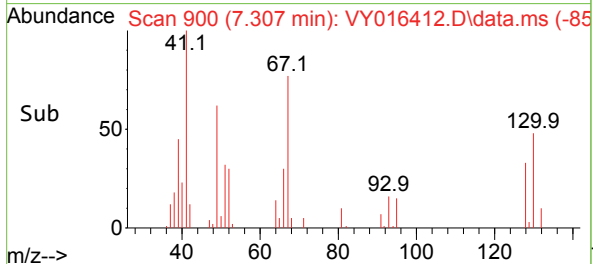


#41
Methacrylonitrile
Concen: 23.789 ug/l
RT: 7.307 min Scan# 90
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

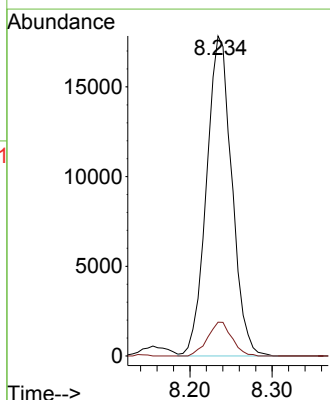
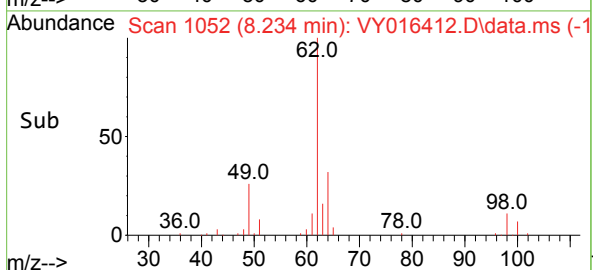
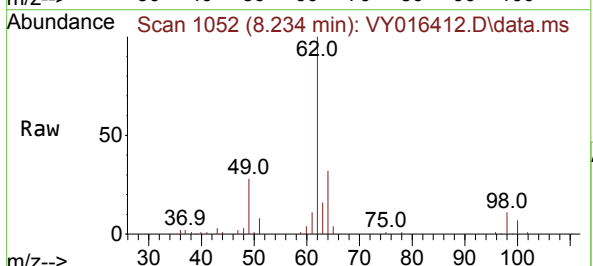


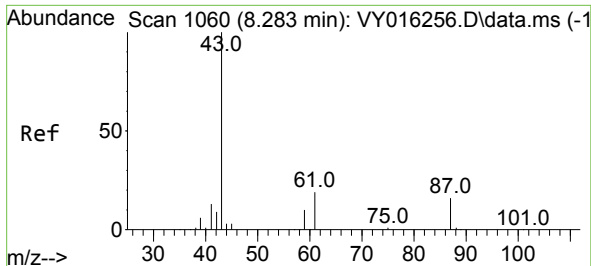
Tgt Ion: 41 Resp: 12060
Ion Ratio Lower Upper
41 100
39 52.4 52.1 78.1
67 74.1 66.2 99.2
52 29.1 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.046 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

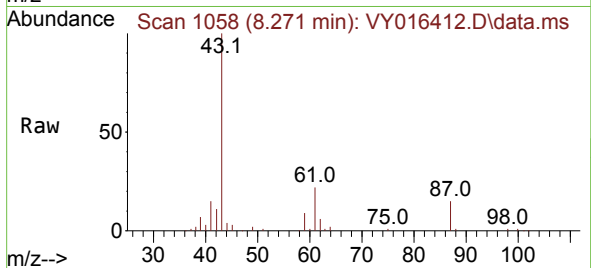
Tgt Ion: 62 Resp: 38125
Ion Ratio Lower Upper
62 100
98 10.1 0.0 15.8



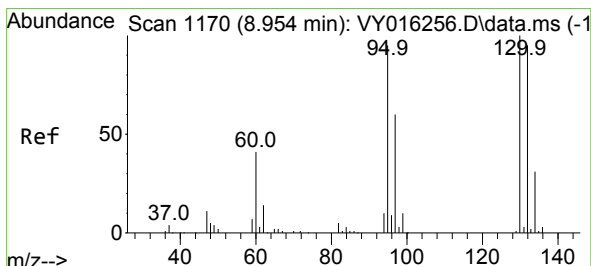
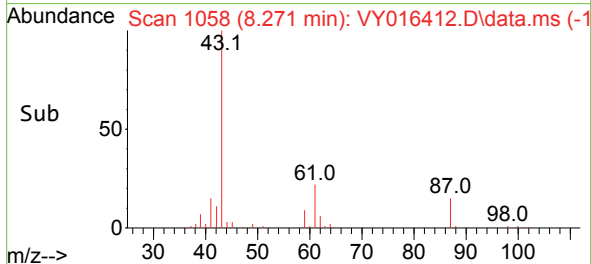
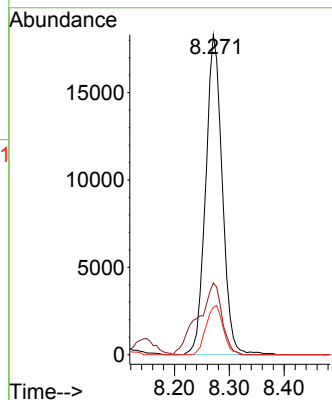


#43
Isopropyl Acetate
Concen: 19.744 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Instrument :
MSVOA_Y
ClientSampleId :

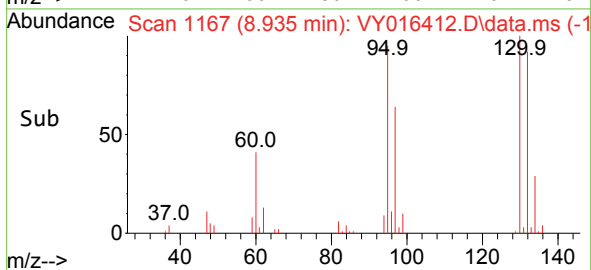
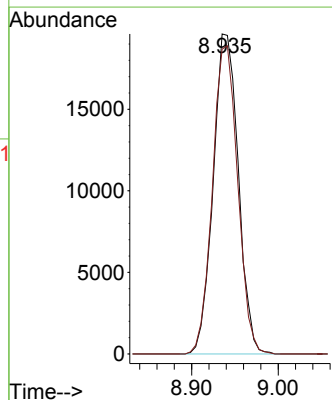
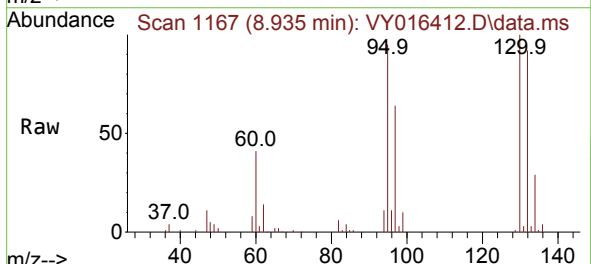


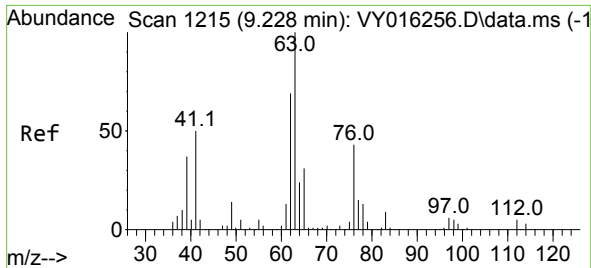
Tgt Ion: 43 Resp: 38373
Ion Ratio Lower Upper
43 100
61 32.3 21.1 31.7#
87 15.8 9.8 14.8#



#44
Trichloroethene
Concen: 19.669 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.018 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion:130 Resp: 39521
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0

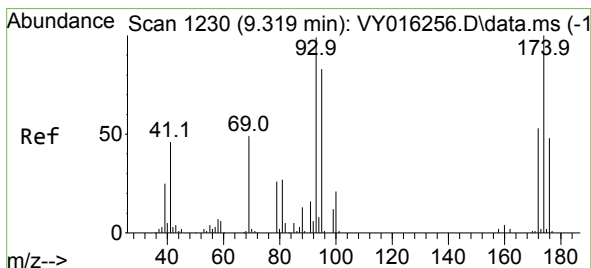
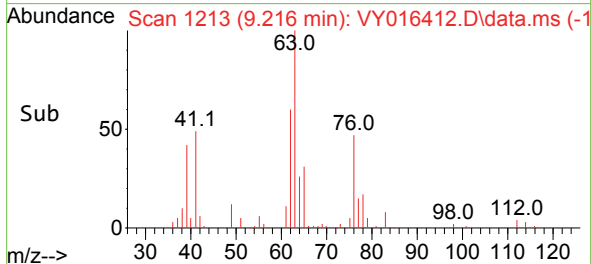
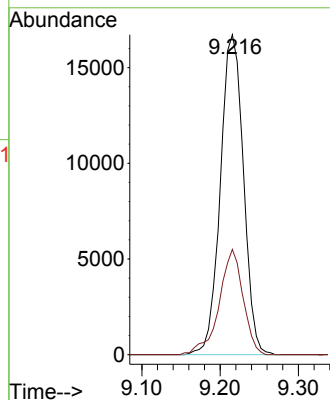
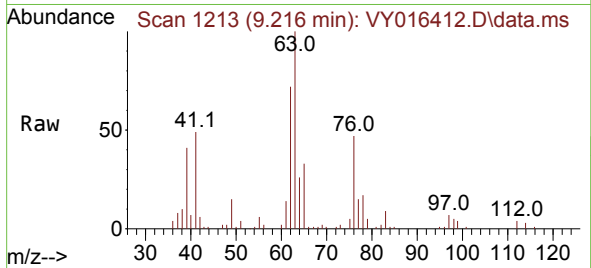




#45
1,2-Dichloropropane
Concen: 20.398 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

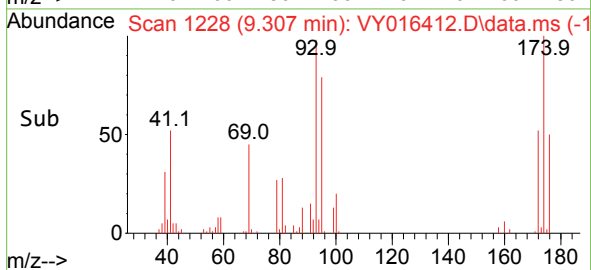
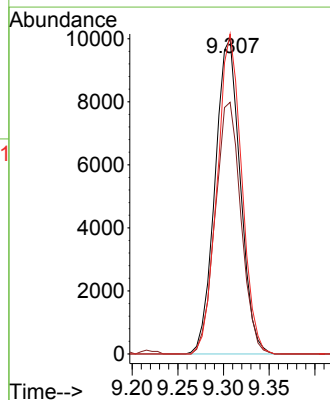
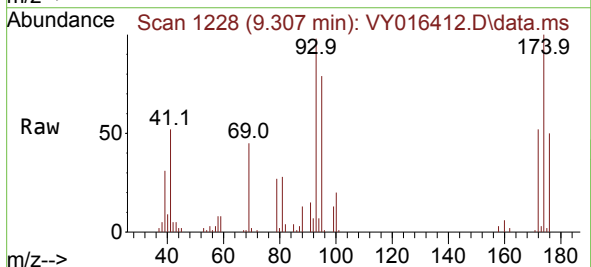
Instrument :
MSVOA_Y
ClientSampleId :

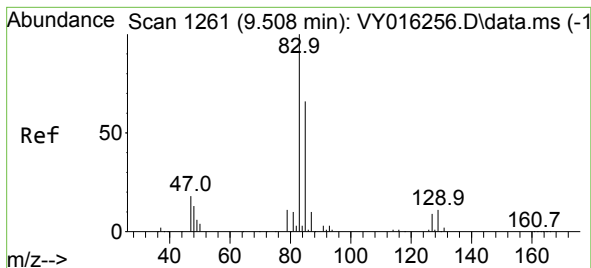
Tgt Ion: 63 Resp: 34249
Ion Ratio Lower Upper
63 100
65 32.9 23.8 35.6



#46
Dibromomethane
Concen: 21.122 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 93 Resp: 19218
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 98.7 84.8 127.2





#47

Bromodichloromethane

Concen: 20.727 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.012 min

Lab File: VY016412.D

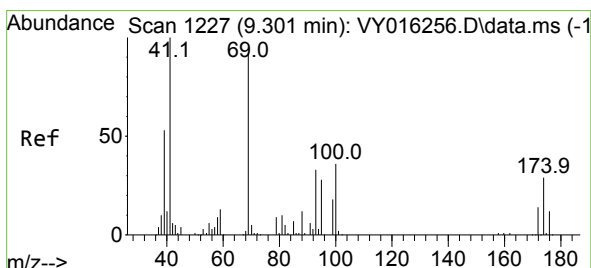
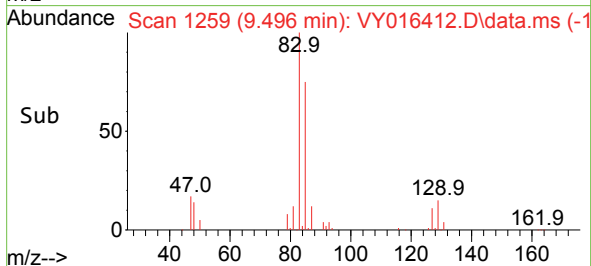
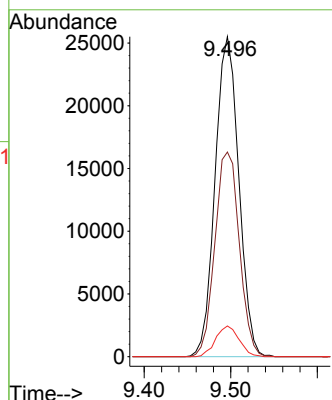
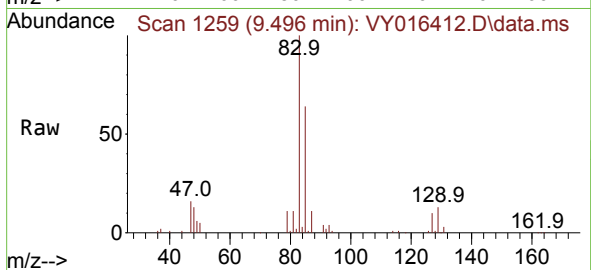
Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 48485
Ion Ratio	Lower Upper
83	100
85	63.9 50.1 75.1
127	9.6 7.1 10.7



#48

Methyl methacrylate

Concen: 19.594 ug/l

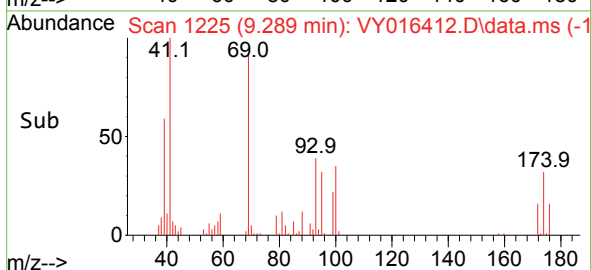
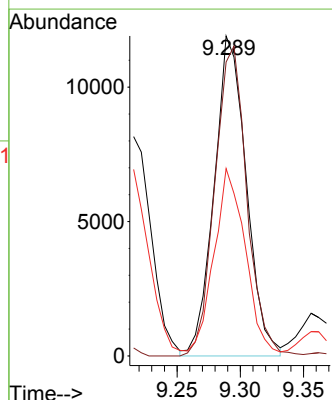
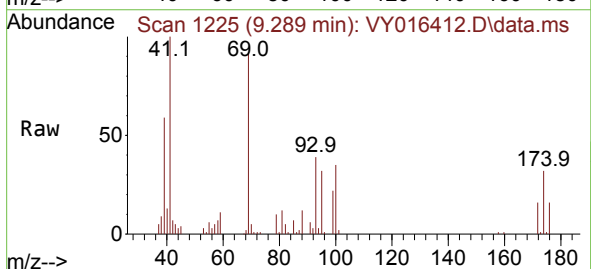
RT: 9.289 min Scan# 1225

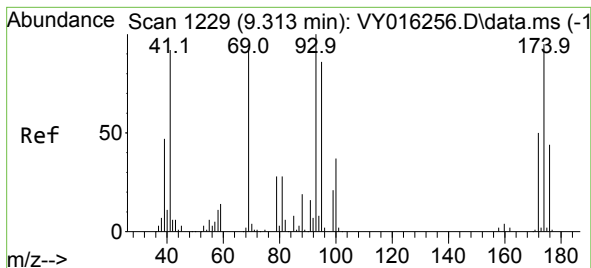
Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Tgt Ion: 41	Resp: 21046
Ion Ratio	Lower Upper
41	100
69	96.3 64.5 96.7
39	54.9 50.8 76.2





#49

1,4-Dioxane

Concen: 416.061 ug/l

RT: 9.301 min Scan# 11

Delta R.T. -0.012 min

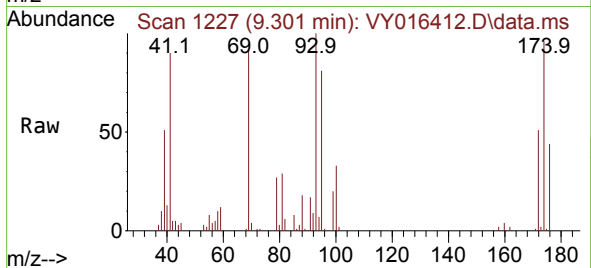
Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :



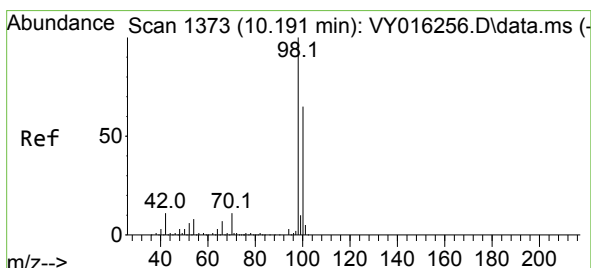
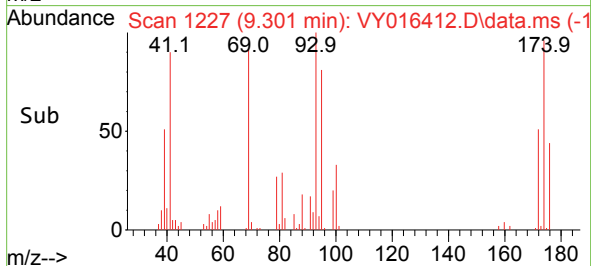
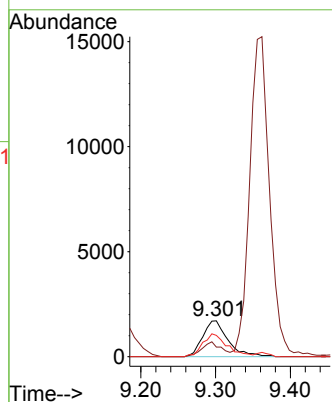
Tgt Ion: 88 Resp: 4019

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 61.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.314 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.012 min

Lab File: VY016412.D

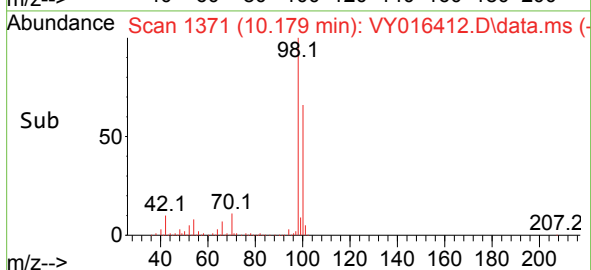
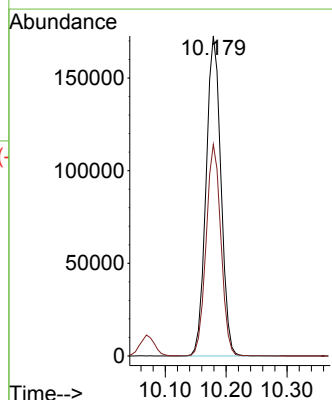
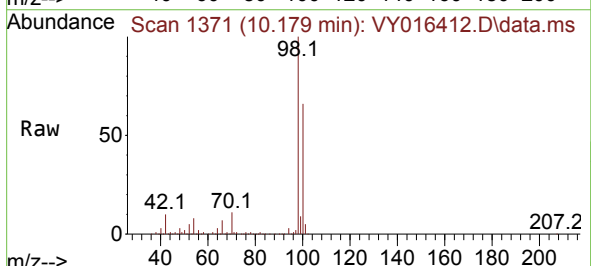
Acq: 17 Nov 2023 16:05

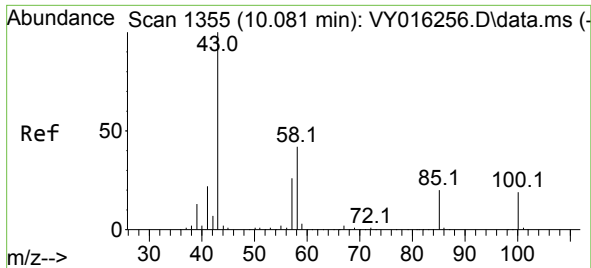
Tgt Ion: 98 Resp: 292402

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

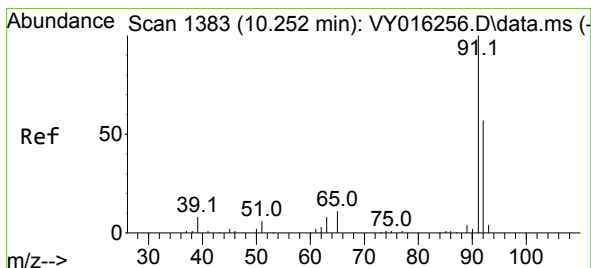
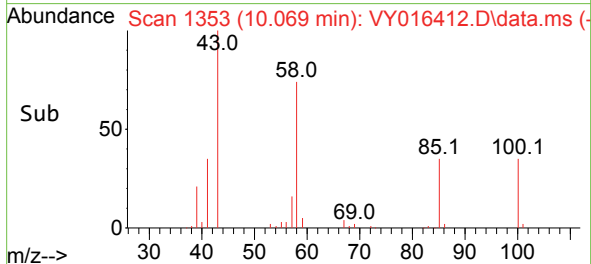
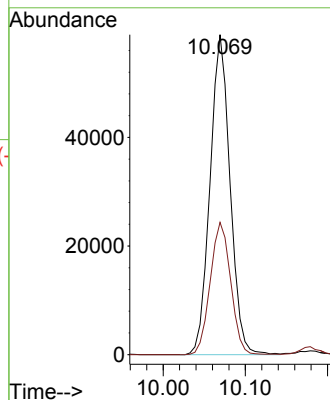
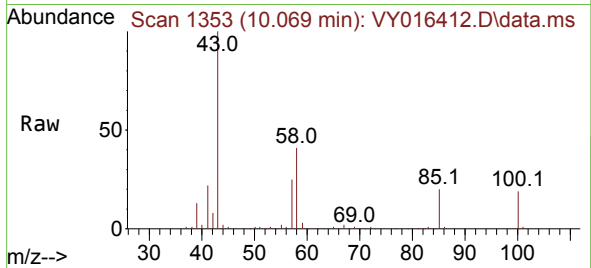




#51
4-Methyl-2-Pentanone
Concen: 101.585 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

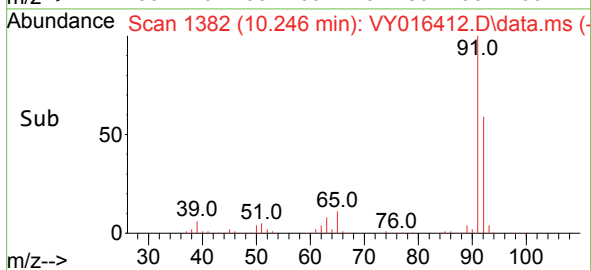
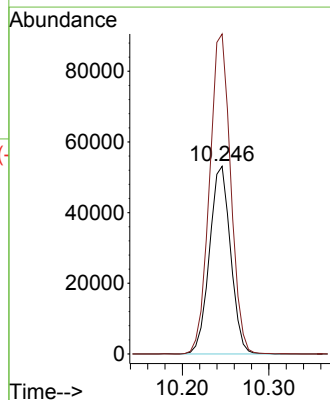
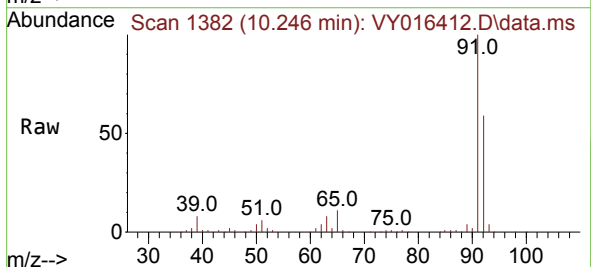
Instrument :
MSVOA_Y
ClientSampleId :

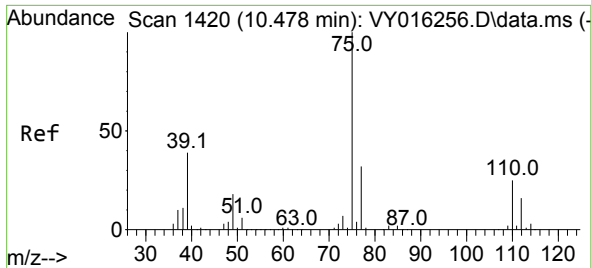
Tgt Ion: 43 Resp: 99837
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6



#52
Toluene
Concen: 20.294 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 92 Resp: 89689
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

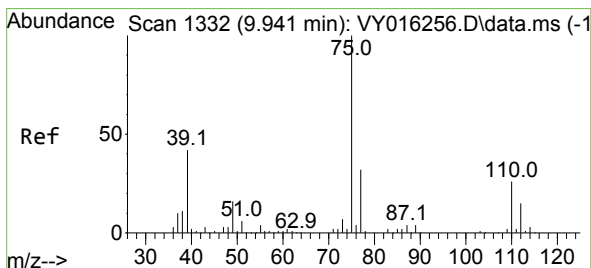
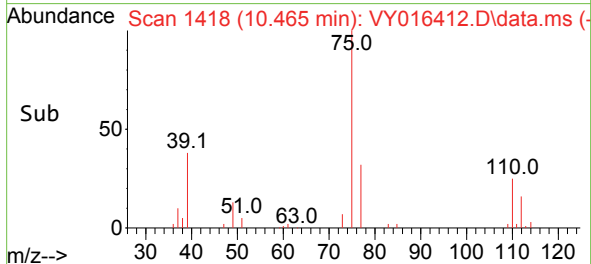
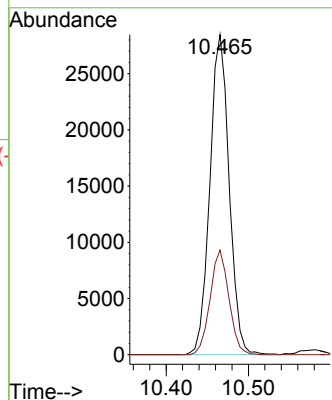
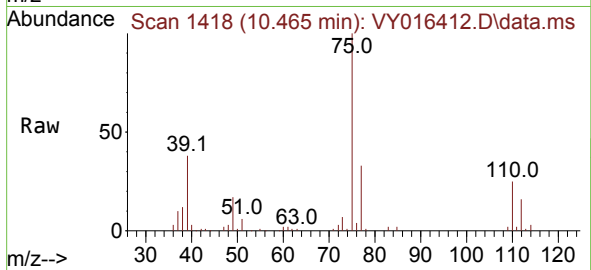




#53
 t-1,3-Dichloropropene
 Concen: 20.443 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.012 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

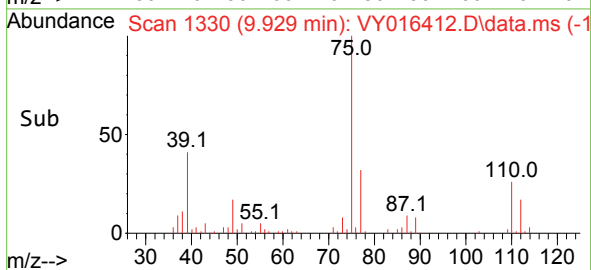
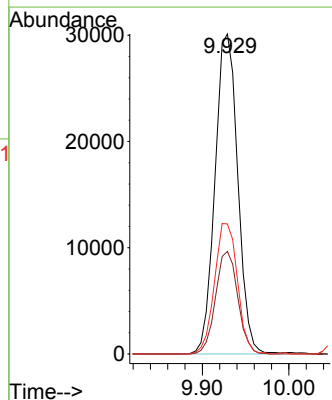
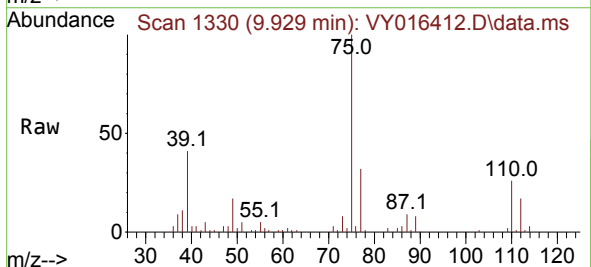
Instrument :
 MSVOA_Y
 ClientSampleId :

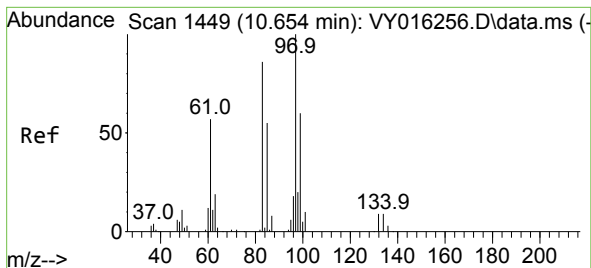
Tgt Ion: 75 Resp: 46357
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.304 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.012 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

Tgt Ion: 75 Resp: 54994
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 40.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.483 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 26942

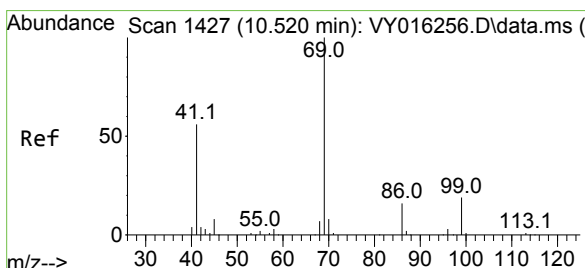
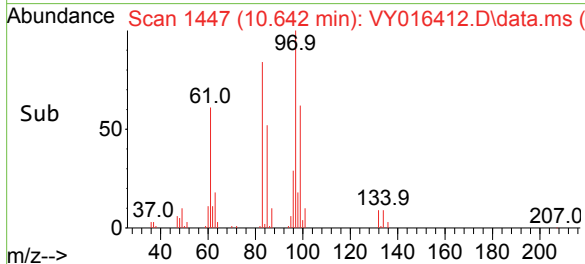
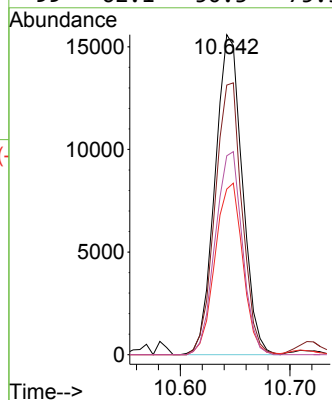
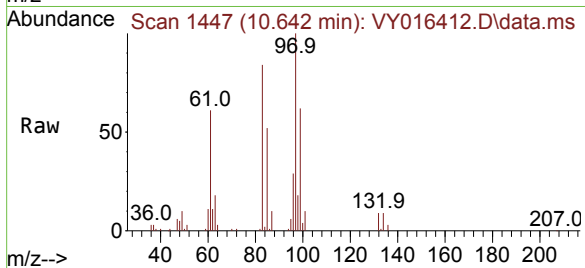
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 51.8 45.4 68.0

99 62.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.210 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

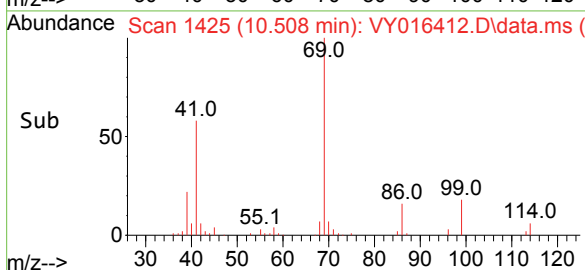
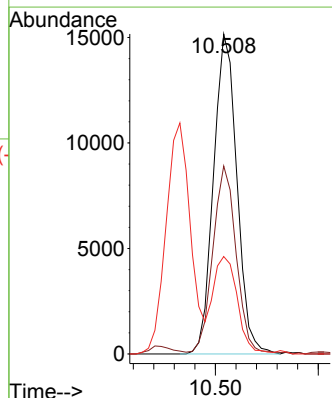
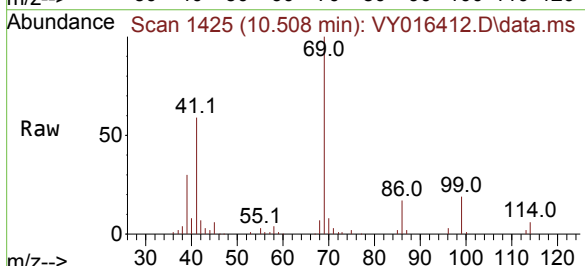
Tgt Ion: 69 Resp: 23925

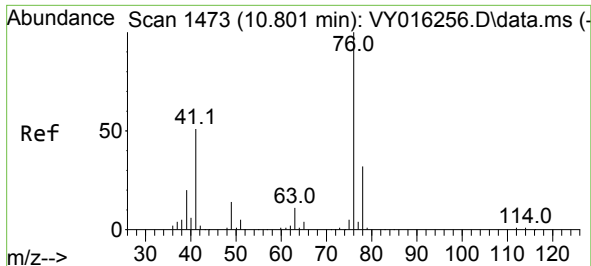
Ion Ratio Lower Upper

69 100

41 59.1 57.6 86.4

39 30.8 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.854 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

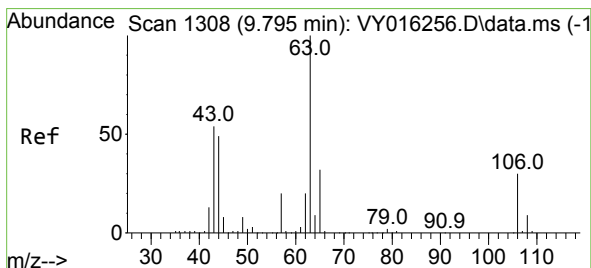
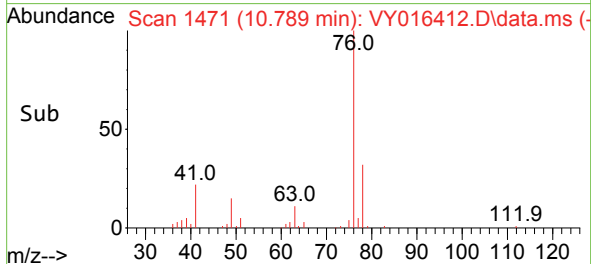
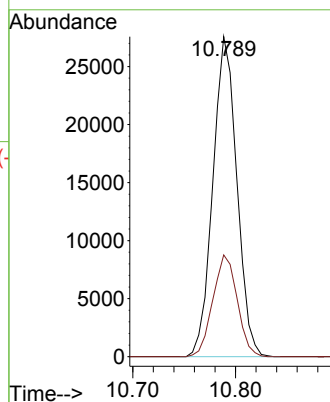
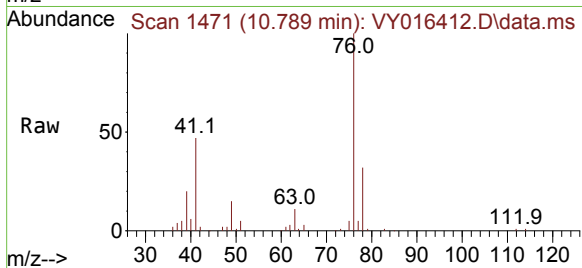
ClientSampleId :

Tgt Ion: 76 Resp: 44580

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.326 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.012 min

Lab File: VY016412.D

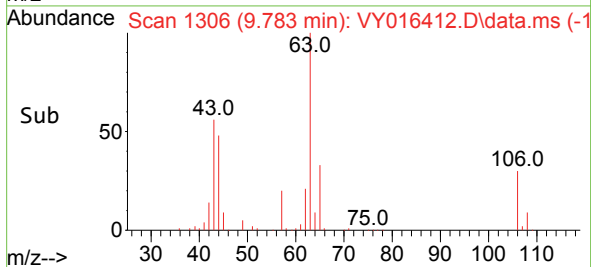
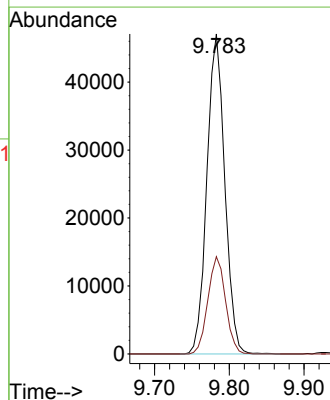
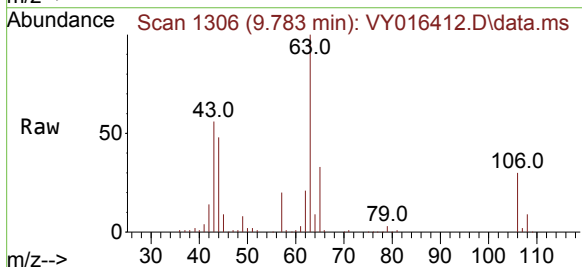
Acq: 17 Nov 2023 16:05

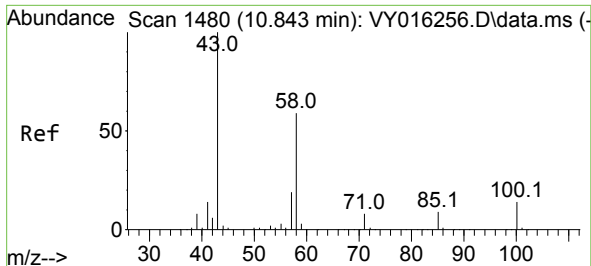
Tgt Ion: 63 Resp: 78124

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

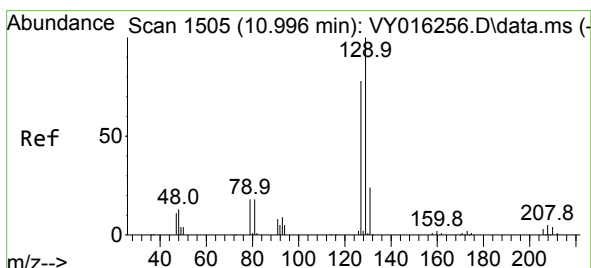
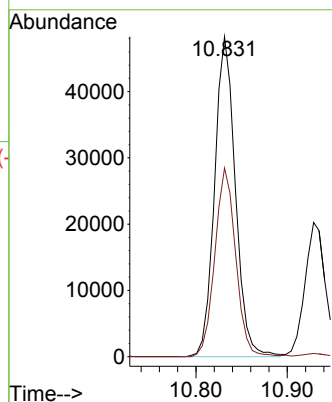
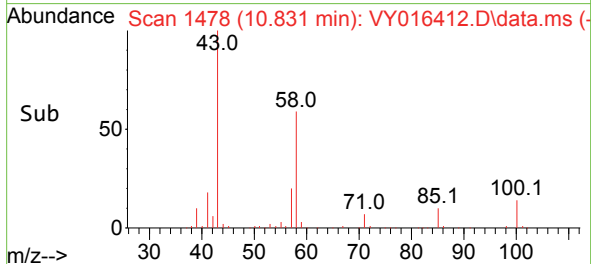
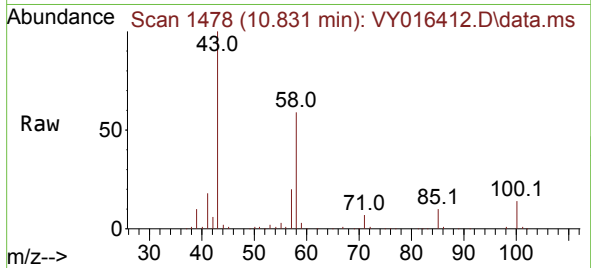




#59
2-Hexanone
Concen: 104.507 ug/l
RT: 10.831 min Scan# 1480
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

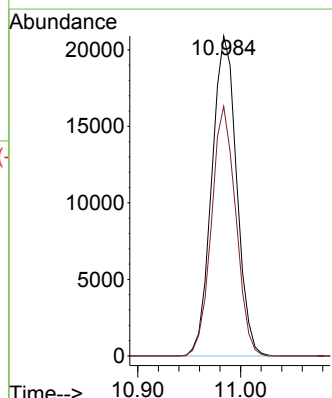
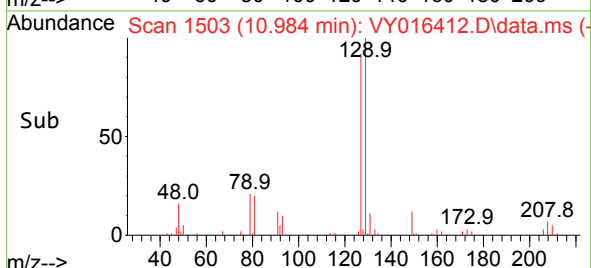
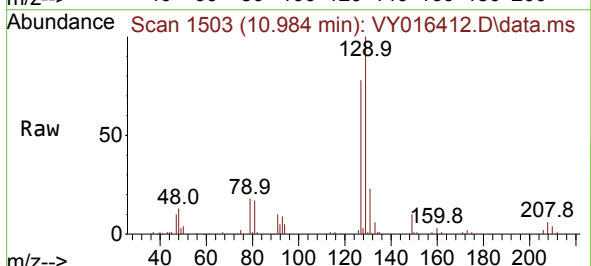
Instrument :
MSVOA_Y
ClientSampleId :

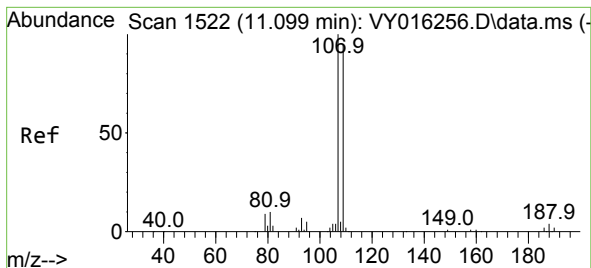
Tgt Ion: 43 Resp: 76397
Ion Ratio Lower Upper
43 100
58 59.3 25.1 75.3



#60
Dibromochloromethane
Concen: 22.314 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 129 Resp: 34998
Ion Ratio Lower Upper
129 100
127 76.4 38.5 115.5

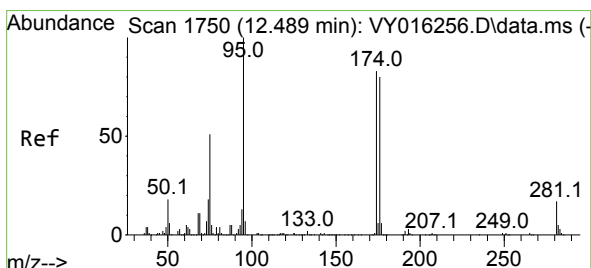
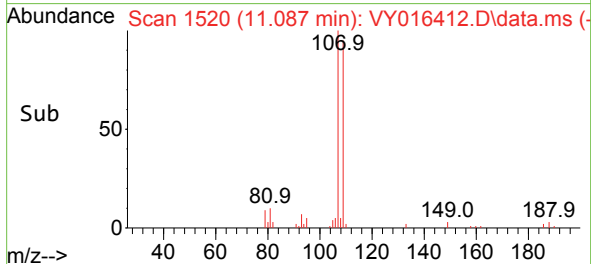
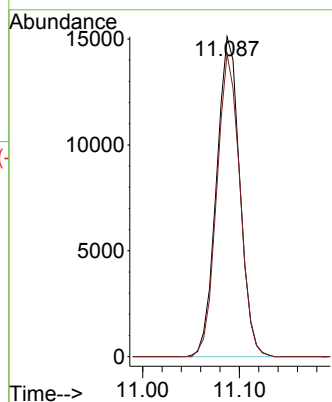
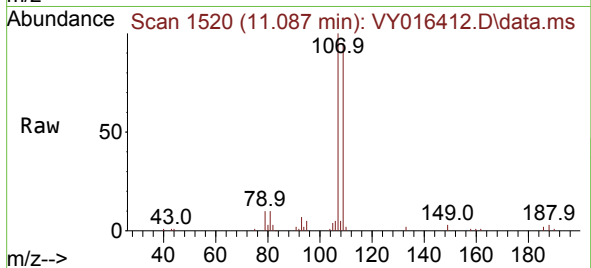




#61
1,2-Dibromoethane
Concen: 21.088 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

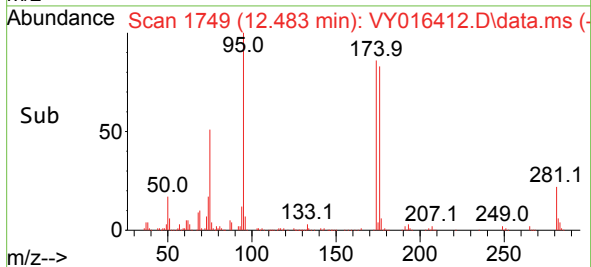
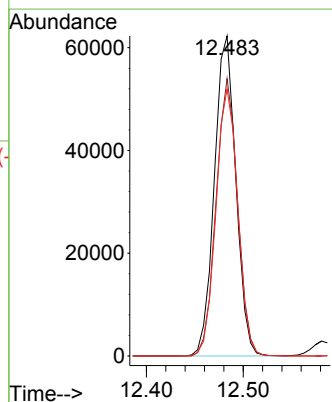
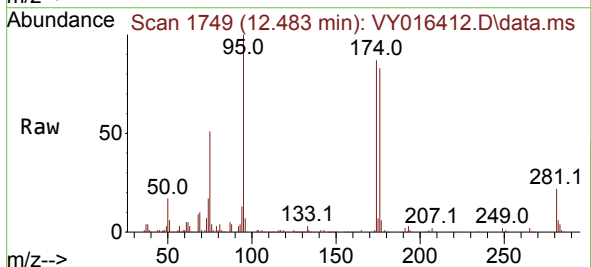
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 25195
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.863 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 95 Resp: 96003
Ion Ratio Lower Upper
95 100
174 86.9 0.0 178.2
176 84.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

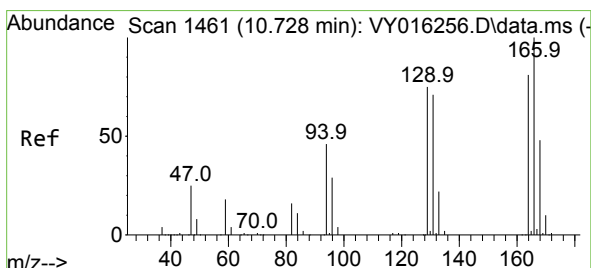
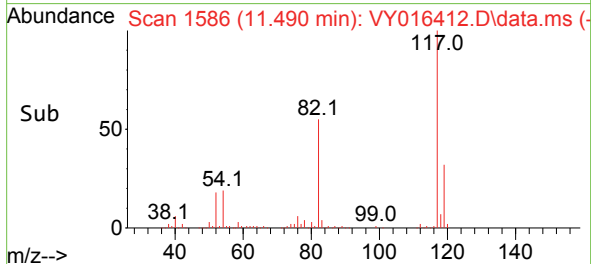
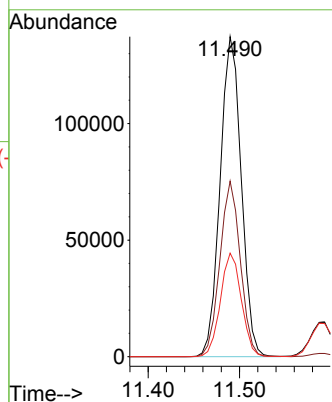
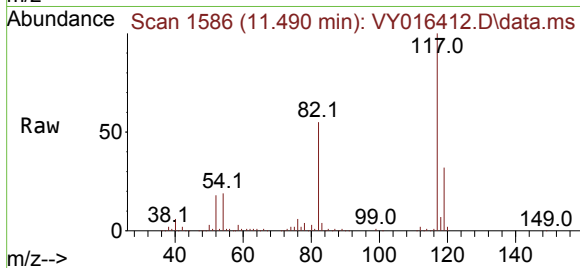
Tgt Ion:117 Resp: 220691

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 20.652 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Tgt Ion:164 Resp: 40924

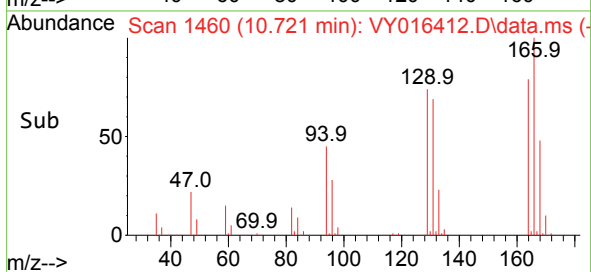
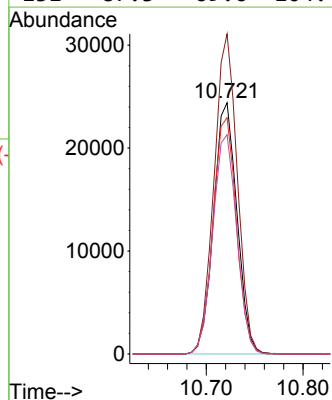
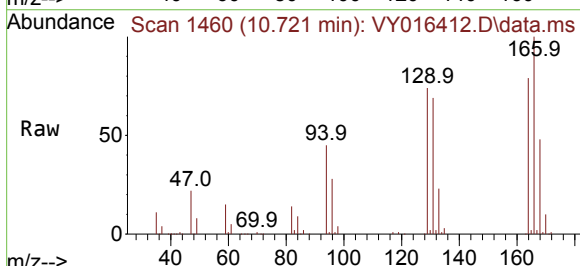
Ion Ratio Lower Upper

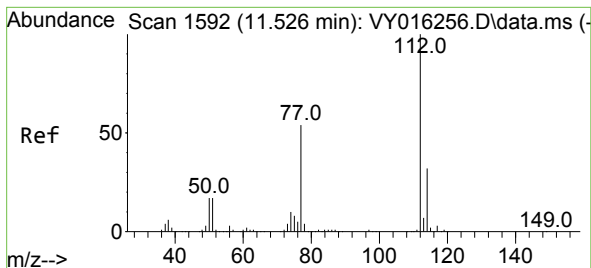
164 100

166 127.4 103.0 154.6

129 94.0 77.2 115.8

131 87.3 69.6 104.4

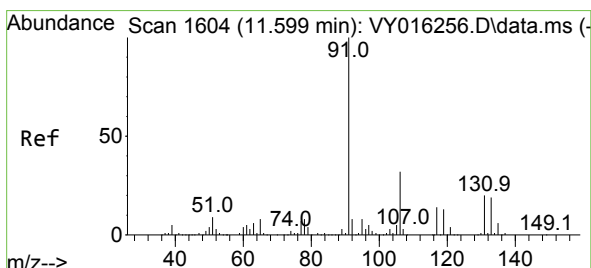
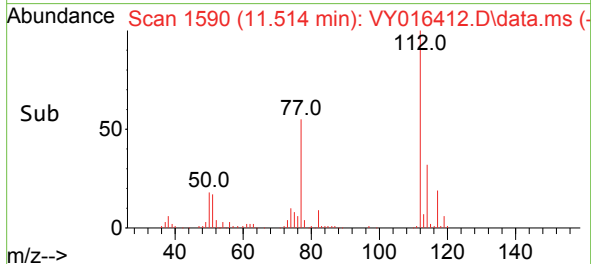
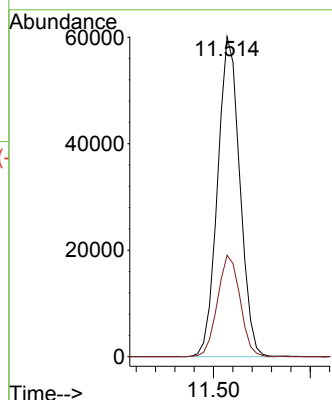
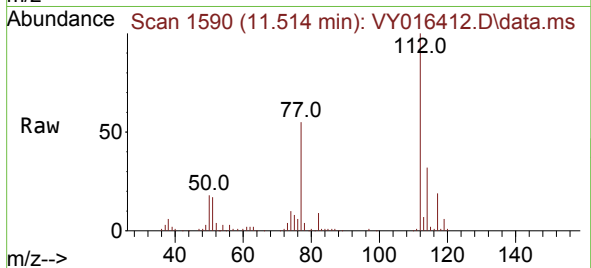




#65
Chlorobenzene
Concen: 20.313 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

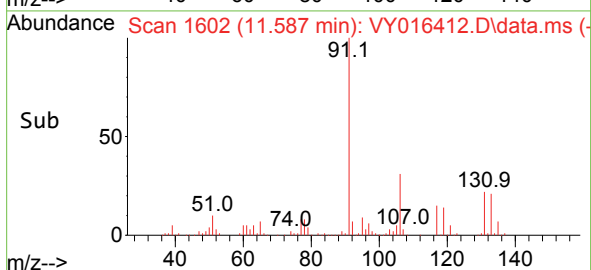
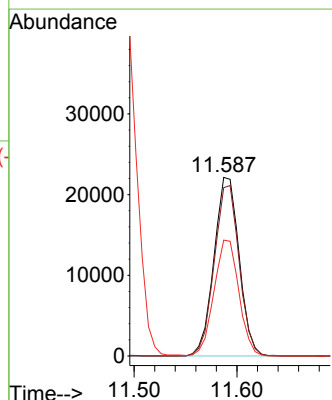
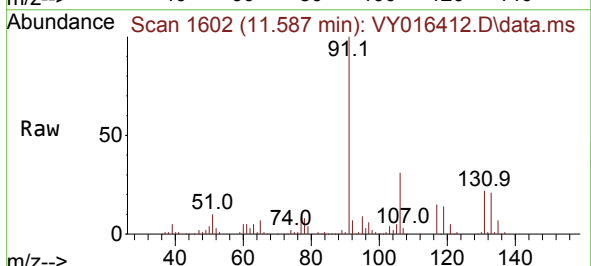
Instrument :
MSVOA_Y
ClientSampleId :

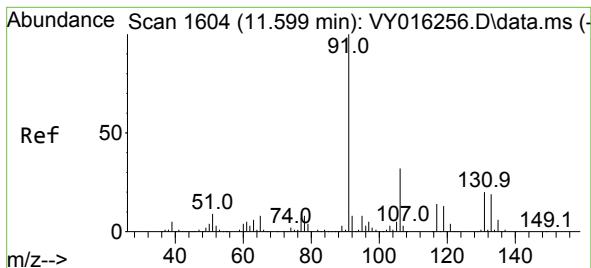
Tgt Ion:112 Resp: 95780
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.619 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion:131 Resp: 37597
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 64.2 31.6 94.7





#67

Ethyl Benzene

Concen: 20.206 ug/l

RT: 11.593 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

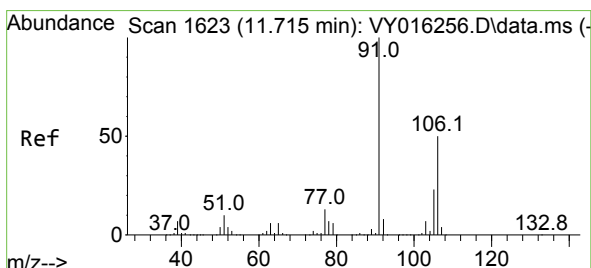
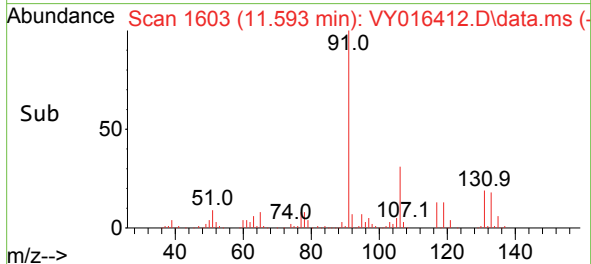
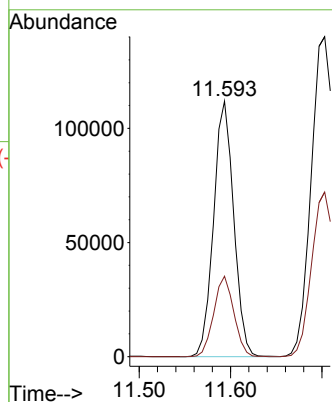
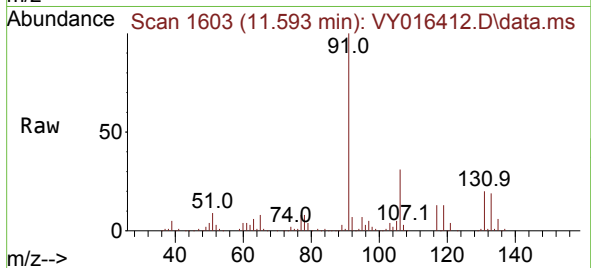
ClientSampleId :

Tgt Ion: 91 Resp: 171224

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 40.641 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.012 min

Lab File: VY016412.D

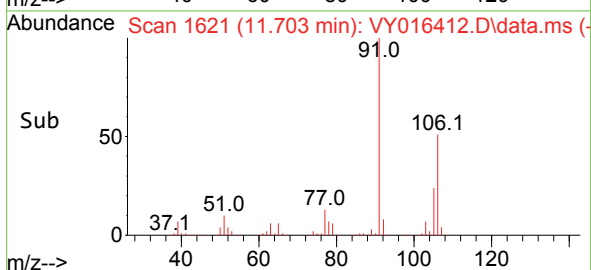
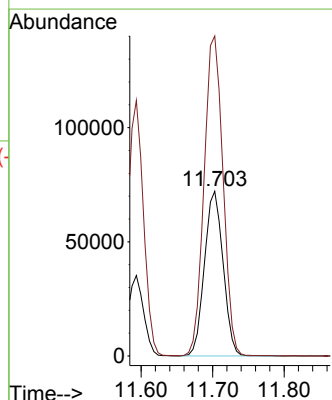
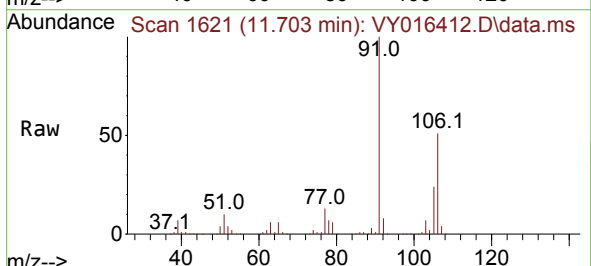
Acq: 17 Nov 2023 16:05

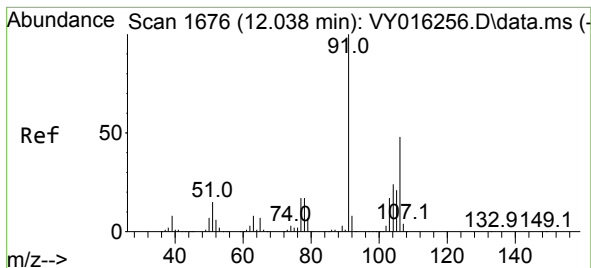
Tgt Ion:106 Resp: 130622

Ion Ratio Lower Upper

106 100

91 197.3 166.1 249.1





#69

o-Xylene

Concen: 20.446 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

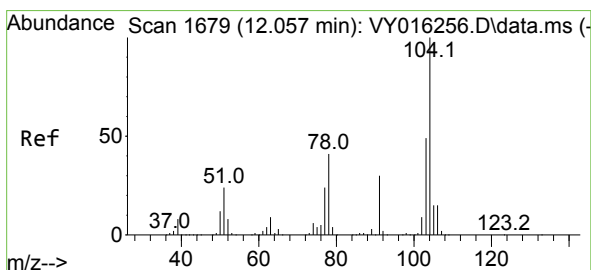
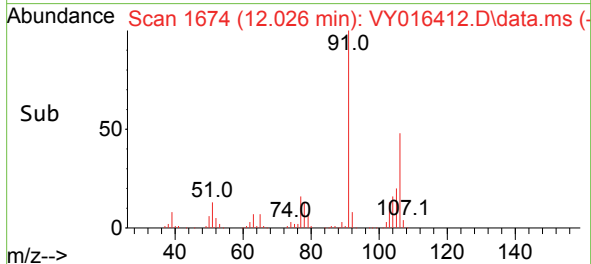
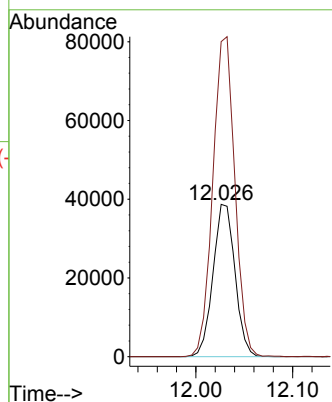
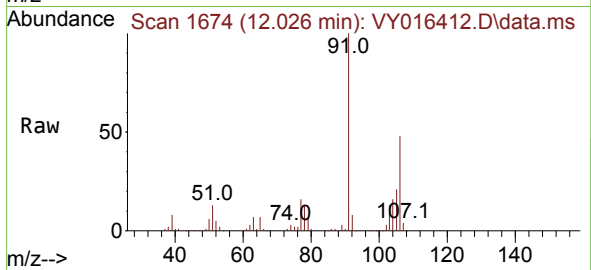
ClientSampleId :

Tgt Ion:106 Resp: 61012

Ion Ratio Lower Upper

106 100

91 210.8 108.1 324.3



#70

Styrene

Concen: 20.740 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

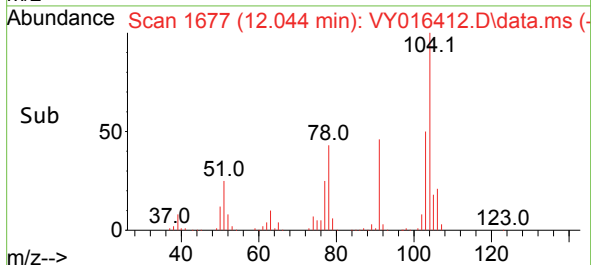
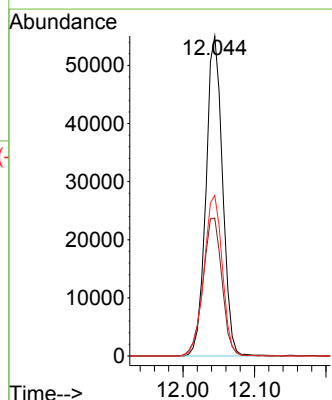
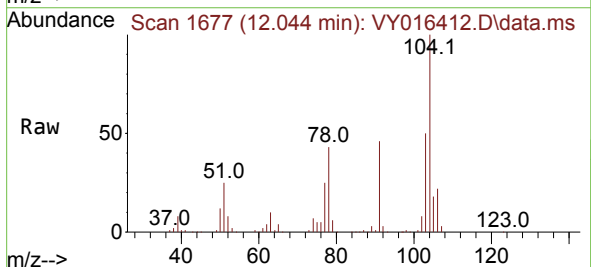
Tgt Ion:104 Resp: 88619

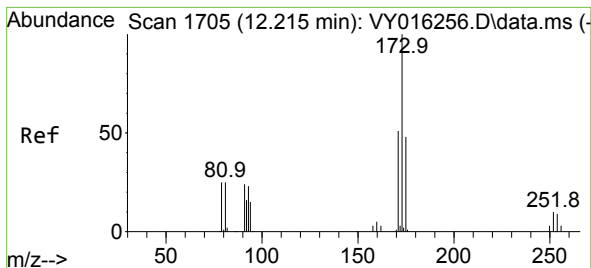
Ion Ratio Lower Upper

104 100

78 49.3 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 21.924 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

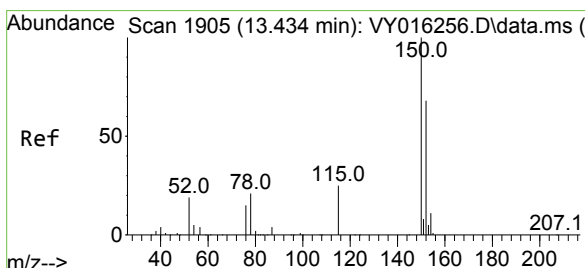
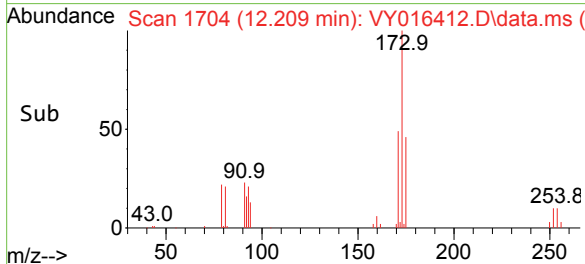
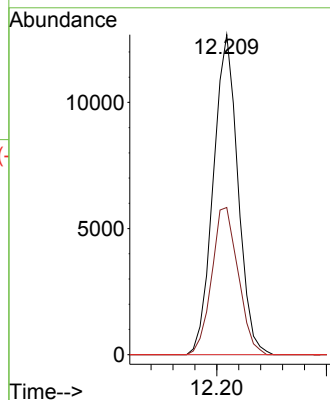
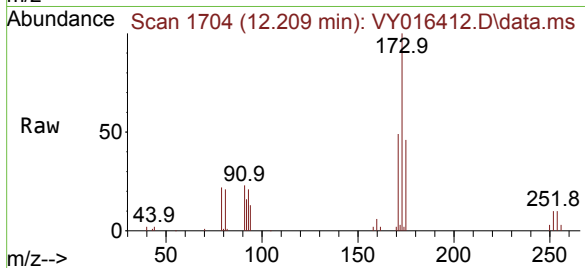
Tgt Ion:173 Resp: 19784

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

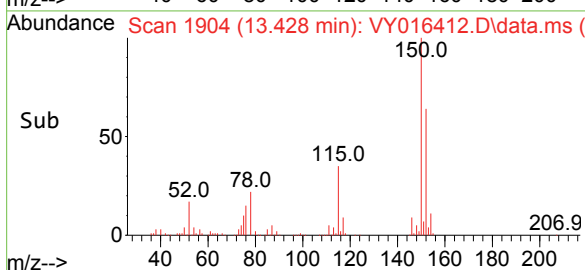
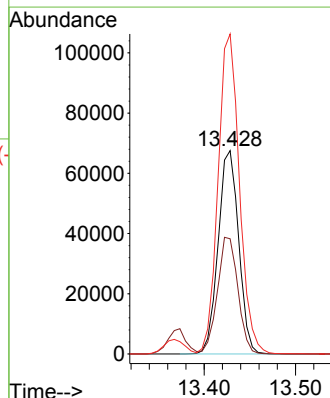
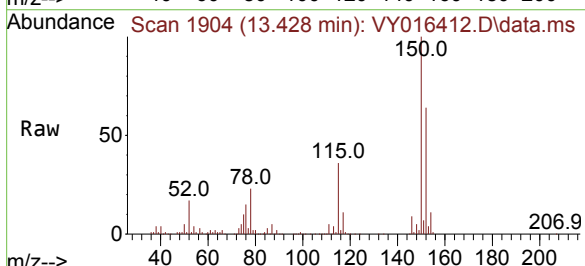
Tgt Ion:152 Resp: 105313

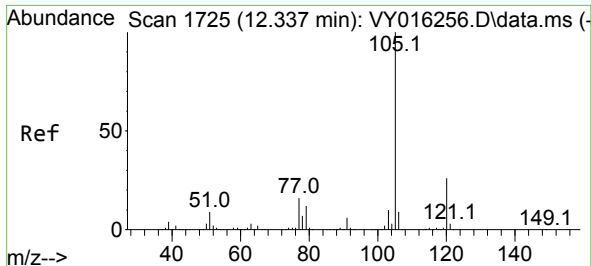
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 163.9 0.0 348.8

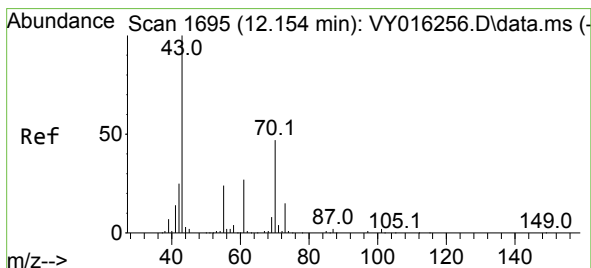
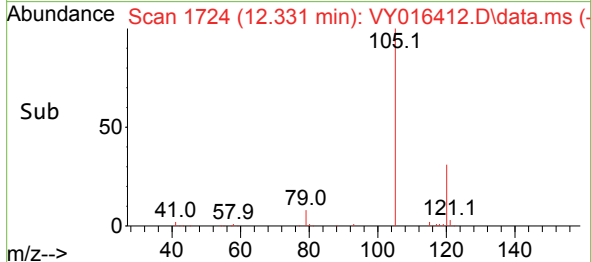
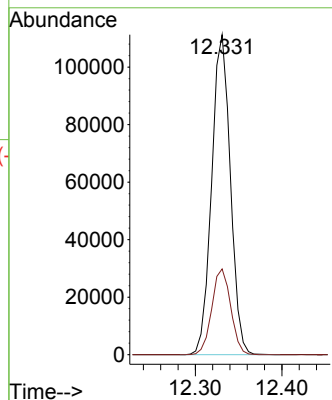
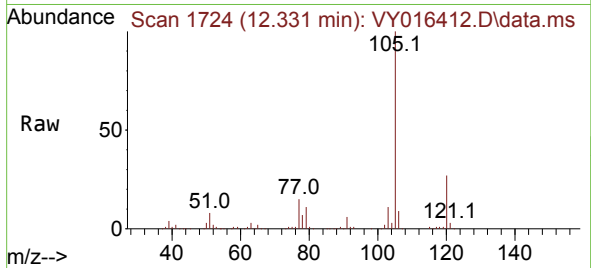




#73
Isopropylbenzene
Concen: 19.561 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

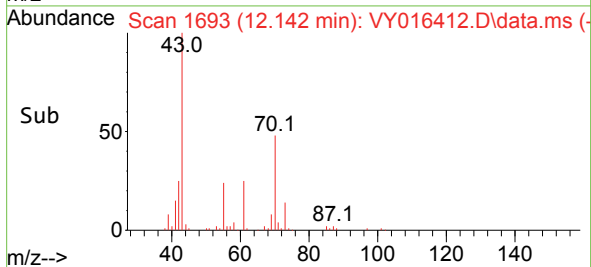
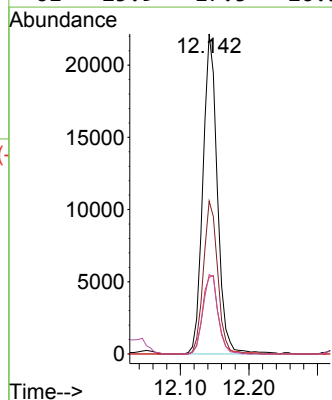
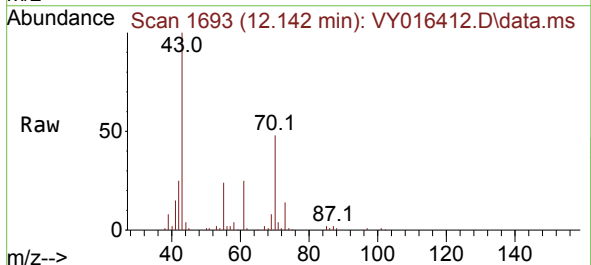
Instrument :
MSVOA_Y
ClientSampleId :

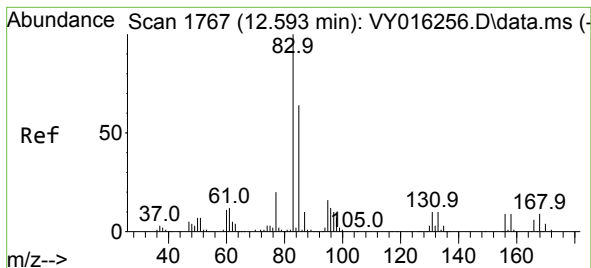
Tgt Ion:105 Resp: 166820
Ion Ratio Lower Upper
105 100
120 27.1 13.3 39.9



#74
N-ethyl acetate
Concen: 19.058 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.012 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 43 Resp: 32646
Ion Ratio Lower Upper
43 100
70 47.2 29.7 44.5#
55 26.1 18.3 27.5
61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.485 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

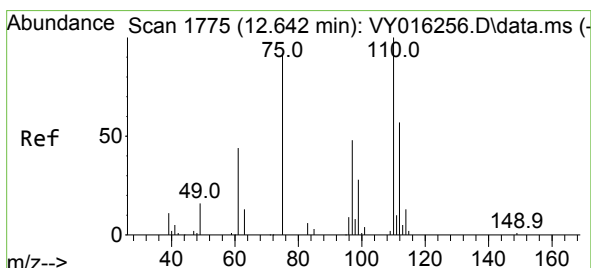
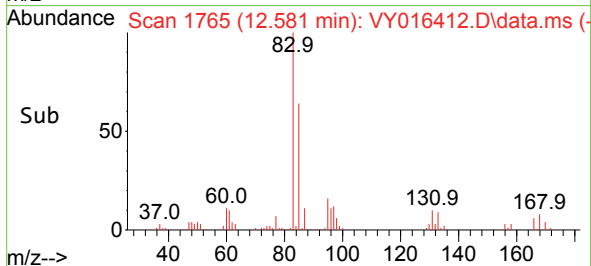
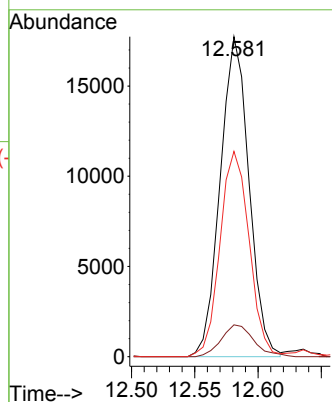
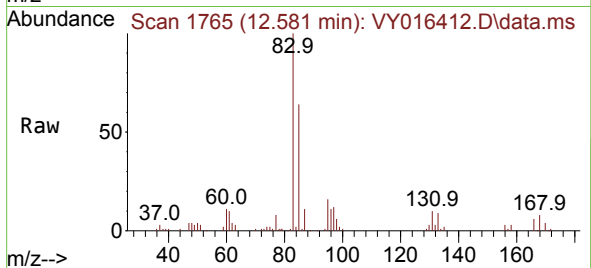
Tgt Ion: 83 Resp: 28033

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.905 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.012 min

Lab File: VY016412.D

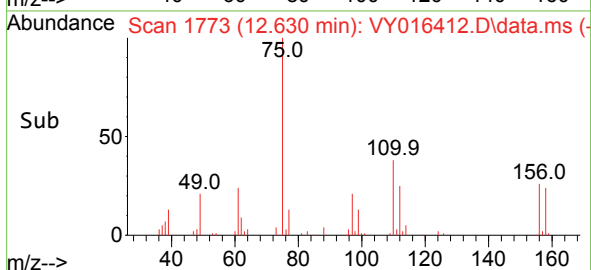
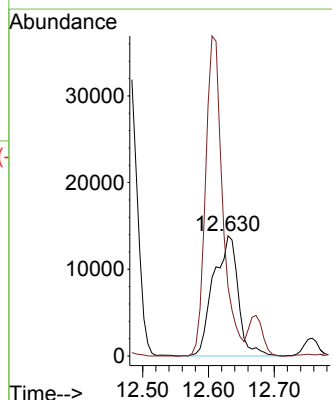
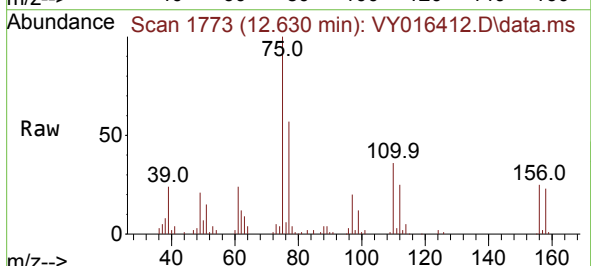
Acq: 17 Nov 2023 16:05

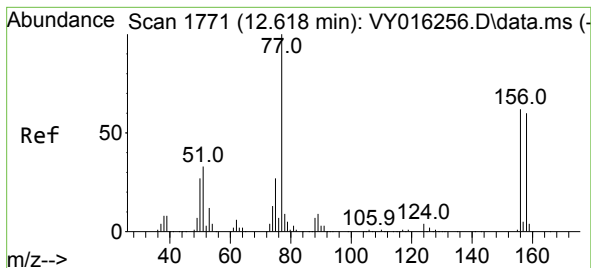
Tgt Ion: 75 Resp: 36273

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.247 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

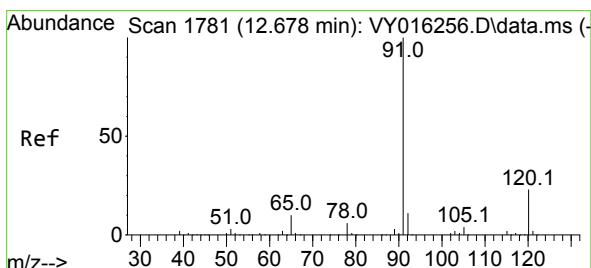
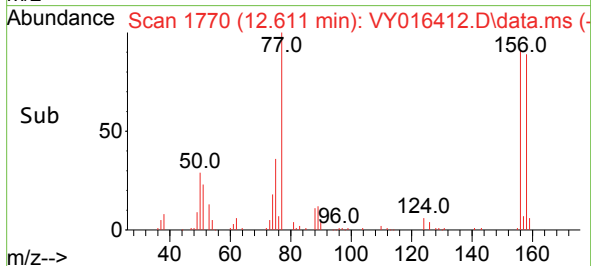
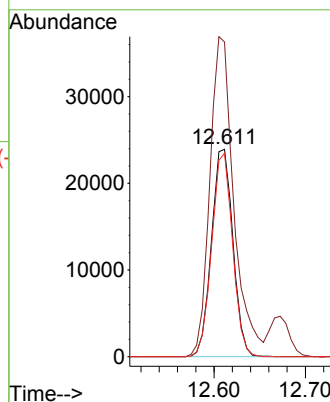
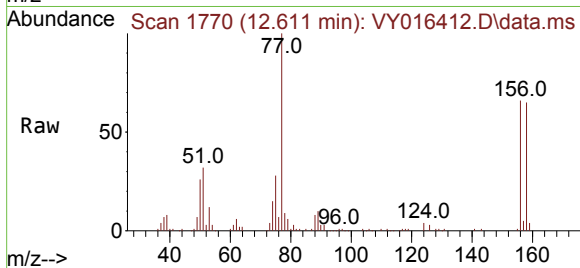
Tgt Ion:156 Resp: 39025

Ion Ratio Lower Upper

156 100

77 171.8 92.8 278.6

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.500 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.006 min

Lab File: VY016412.D

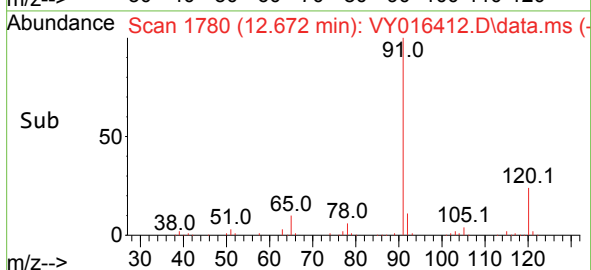
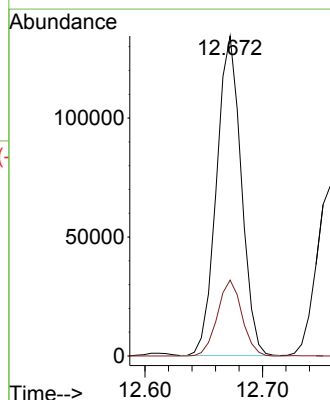
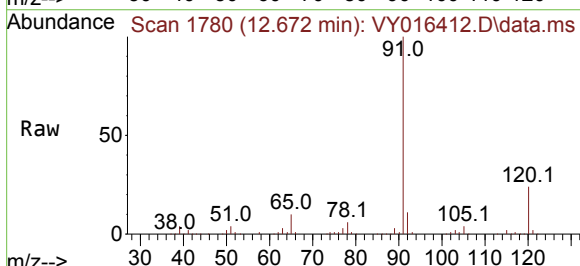
Acq: 17 Nov 2023 16:05

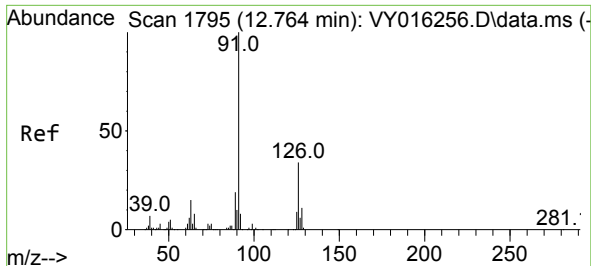
Tgt Ion: 91 Resp: 196530

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4

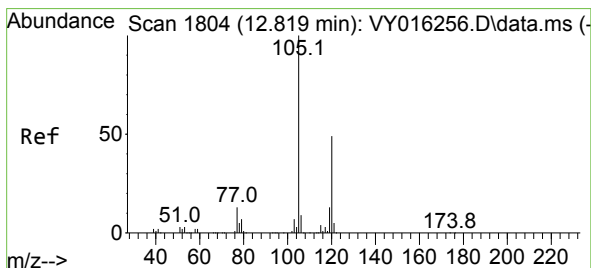
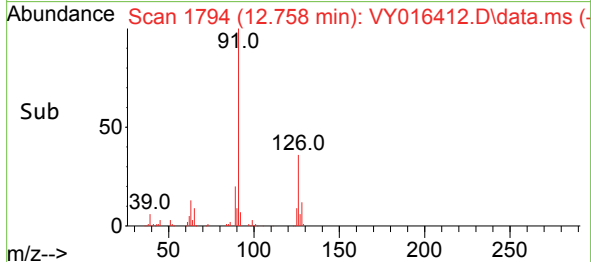
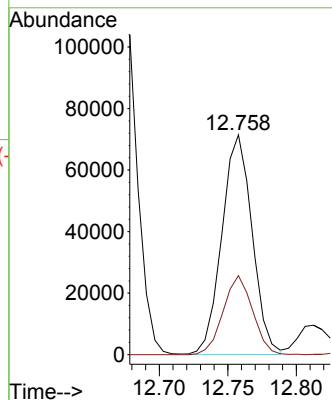
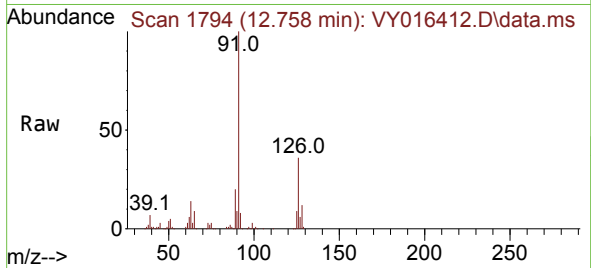




#79
2-Chlorotoluene
Concen: 19.728 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

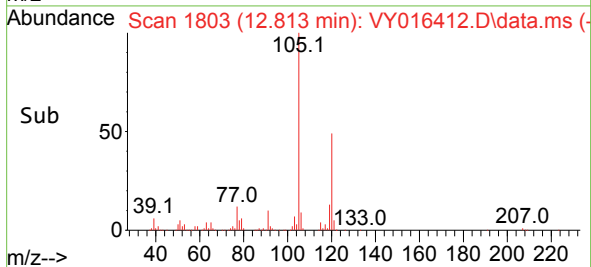
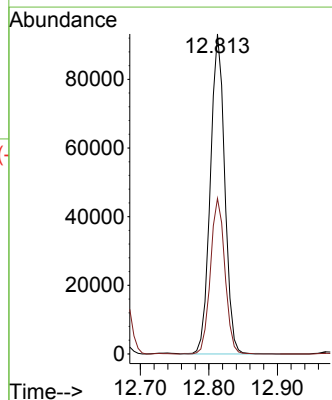
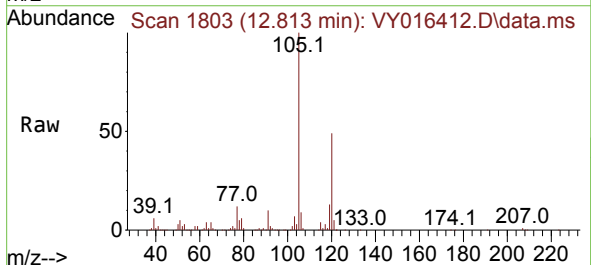
Instrument :
MSVOA_Y
ClientSampleId :

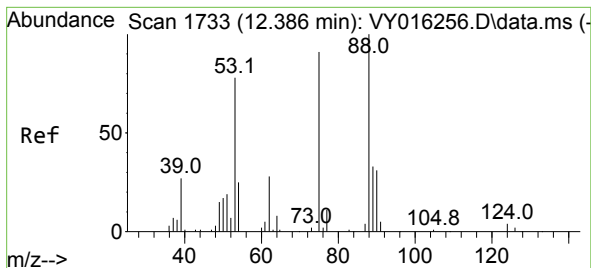
Tgt Ion: 91 Resp: 109570
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.862 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

Tgt Ion:105 Resp: 136568
Ion Ratio Lower Upper
105 100
120 48.6 23.9 71.7

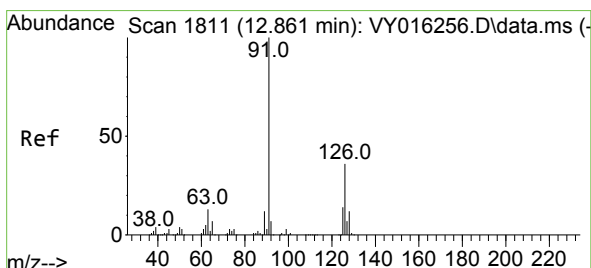
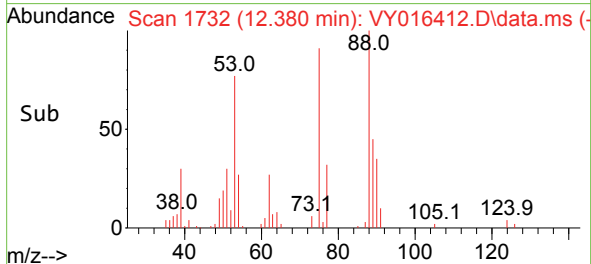
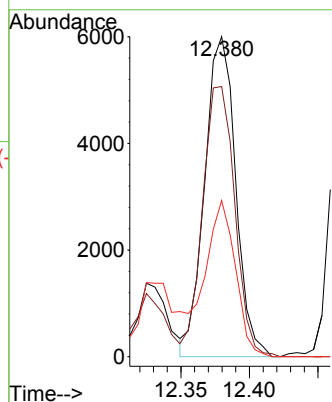
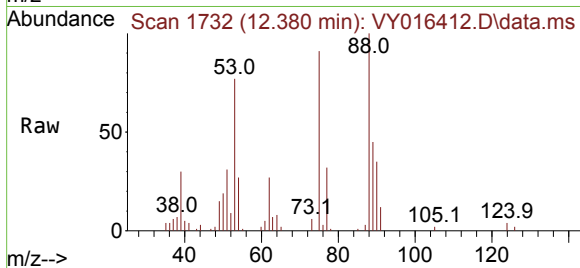




#81
trans-1,4-Dichloro-2-butene
Concen: 20.216 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

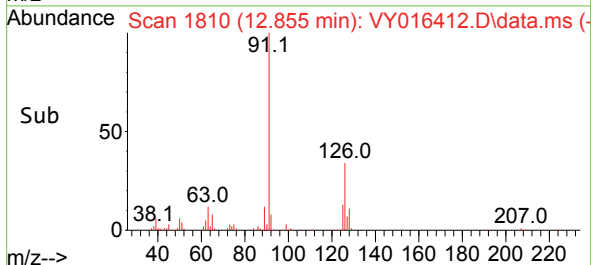
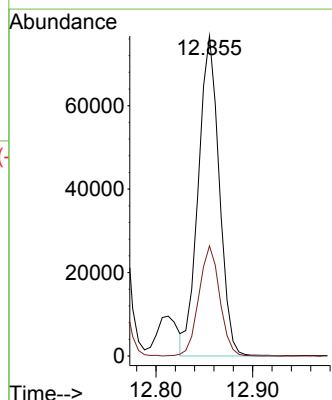
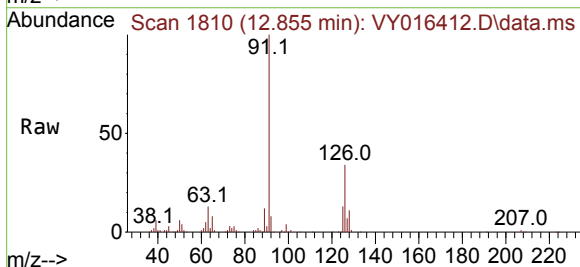
Instrument :
MSVOA_Y
ClientSampleId :

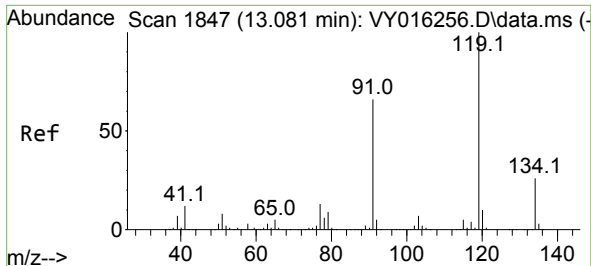
Tgt Ion: 75 Resp: 9409
Ion Ratio Lower Upper
75 100
53 87.7 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.047 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016412.D
Acq: 17 Nov 2023 16:05

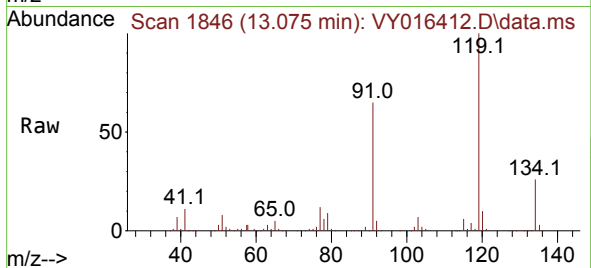
Tgt Ion: 91 Resp: 115055
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6



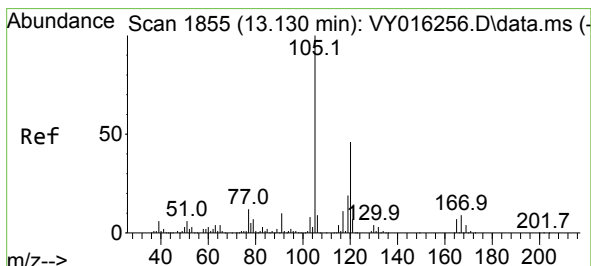
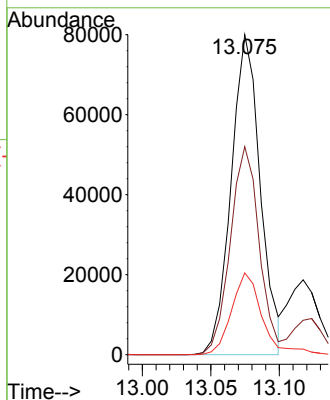
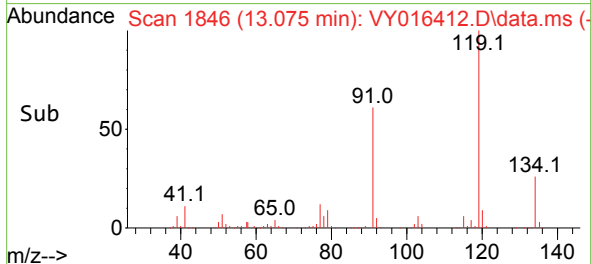


#83
 tert-Butylbenzene
 Concen: 19.587 ug/l
 RT: 13.075 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05

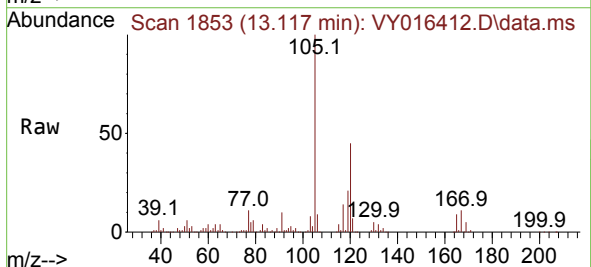
Instrument :
 MSVOA_Y
 ClientSampleId :



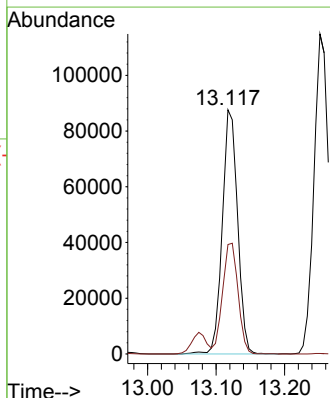
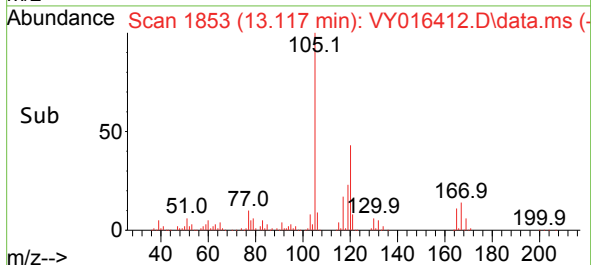
Tgt Ion:119 Resp: 118622
 Ion Ratio Lower Upper
 119 100
 91 64.3 32.9 98.6
 134 26.8 13.0 38.9

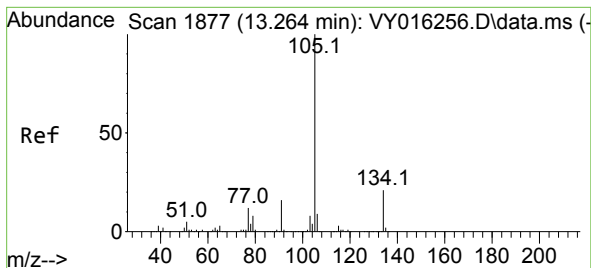


#84
 1,2,4-Trimethylbenzene
 Concen: 19.943 ug/l
 RT: 13.117 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: VY016412.D
 Acq: 17 Nov 2023 16:05



Tgt Ion:105 Resp: 135021
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.884 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

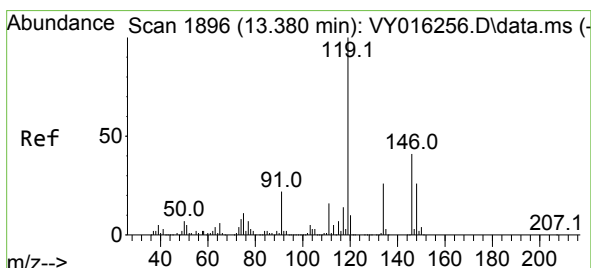
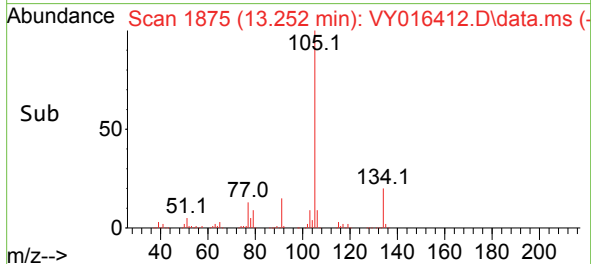
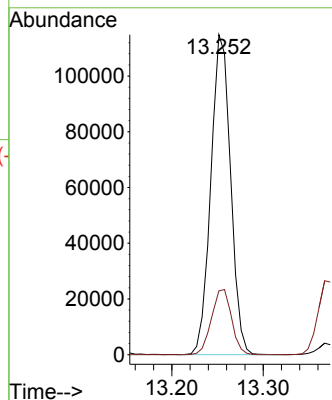
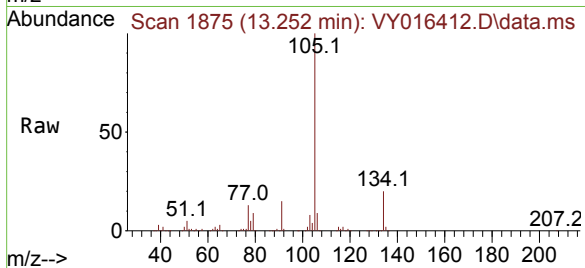
ClientSampleId :

Tgt Ion:105 Resp: 172035

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.976 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

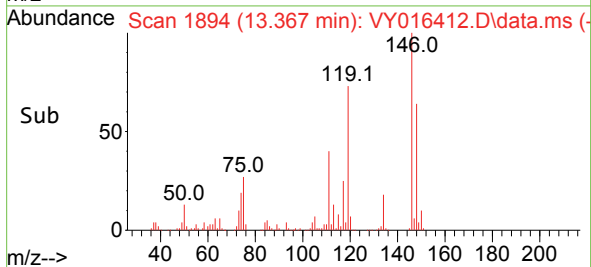
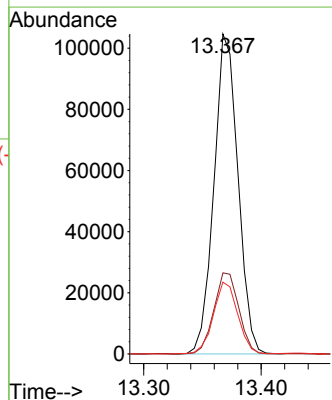
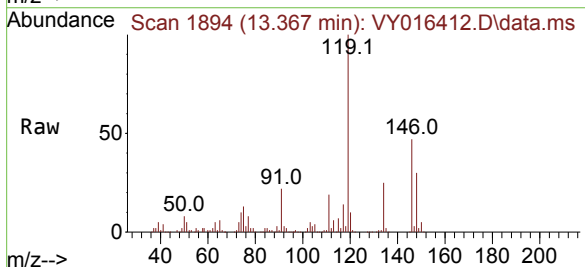
Tgt Ion:119 Resp: 148822

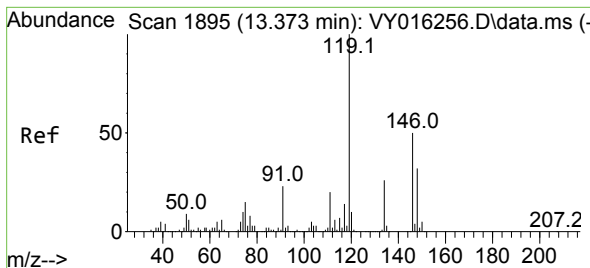
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.152 ug/l

RT: 13.367 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

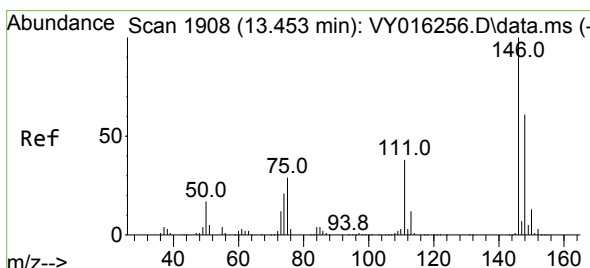
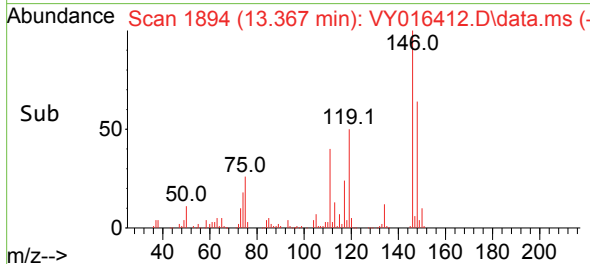
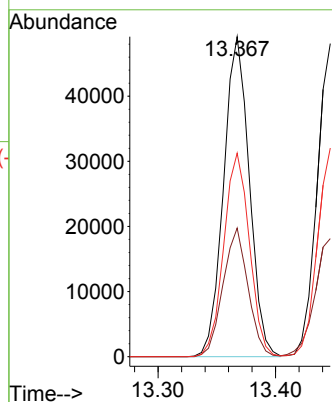
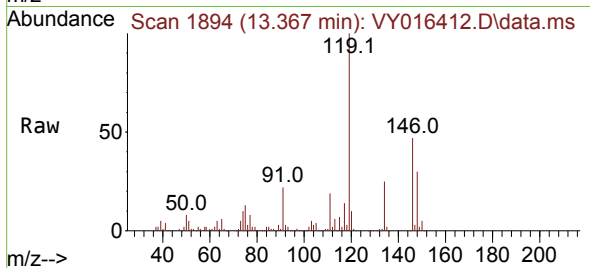
Tgt Ion:146 Resp: 74726

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.198 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

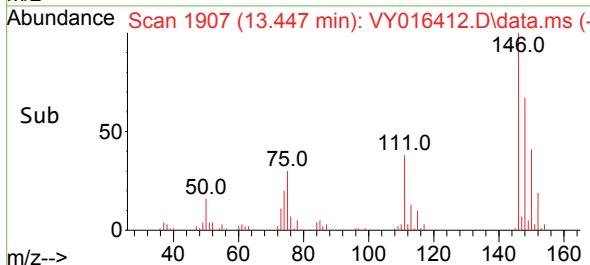
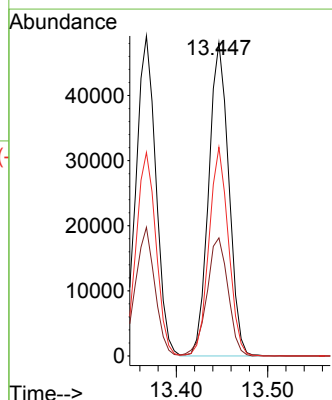
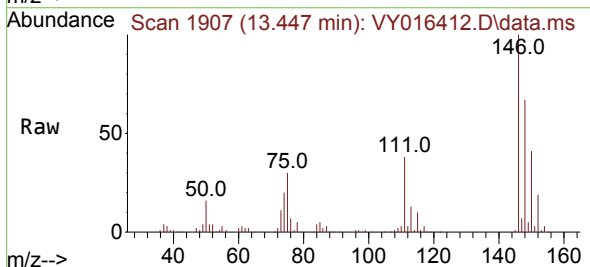
Tgt Ion:146 Resp: 73196

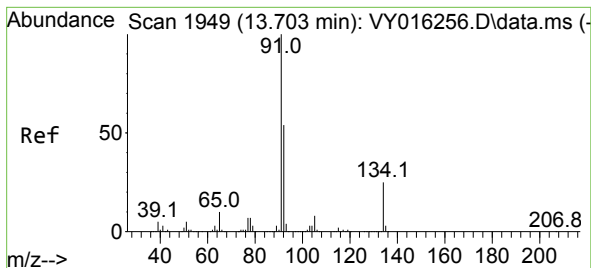
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 64.8 32.1 96.5





#89

n-Butylbenzene

Concen: 19.618 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

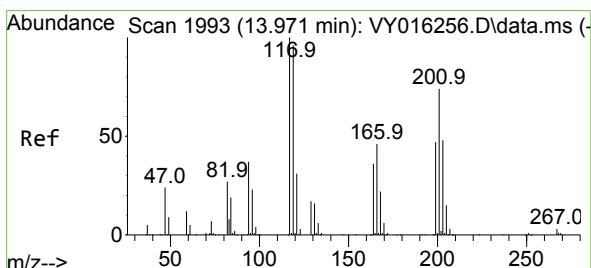
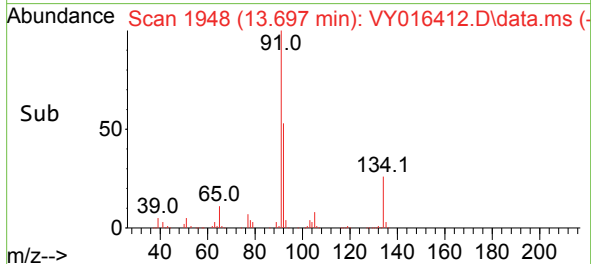
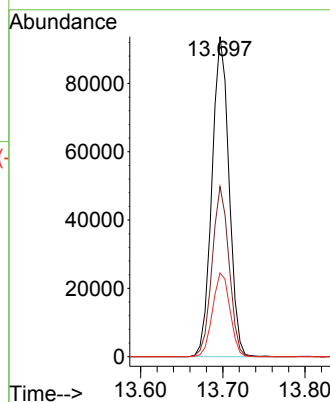
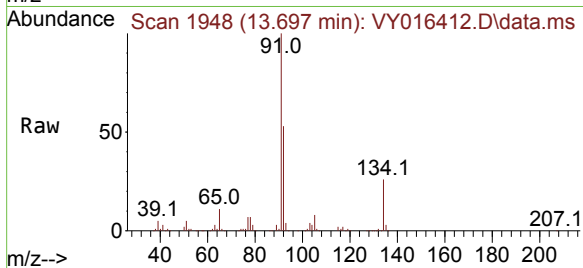
Tgt Ion: 91 Resp: 134974

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 26.7 12.6 37.6



#90

Hexachloroethane

Concen: 20.155 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.012 min

Lab File: VY016412.D

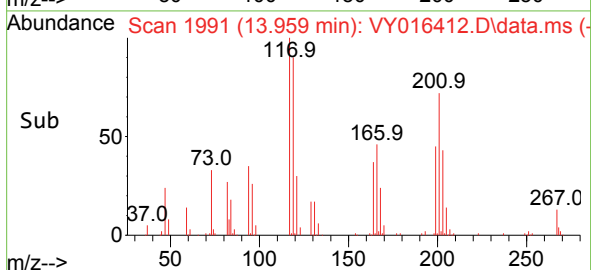
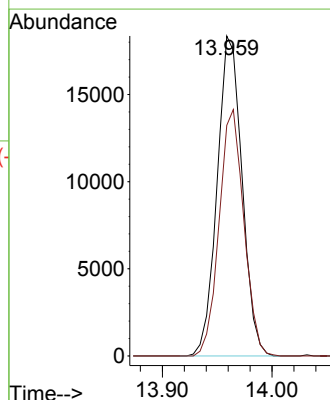
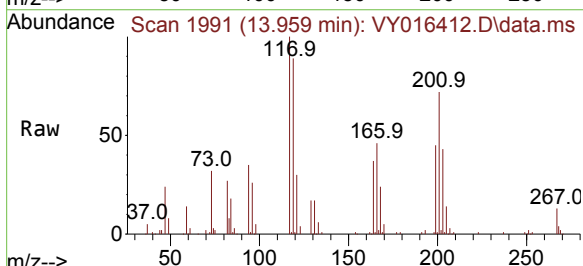
Acq: 17 Nov 2023 16:05

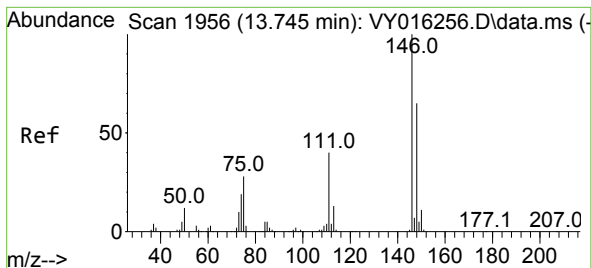
Tgt Ion: 117 Resp: 28966

Ion Ratio Lower Upper

117 100

201 76.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.343 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY016412.D

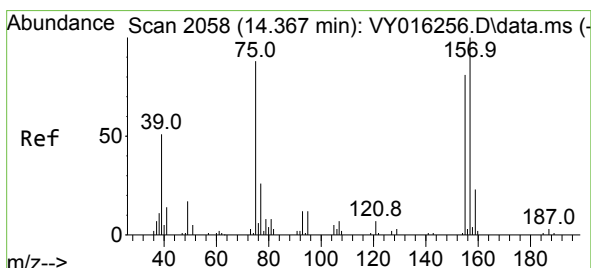
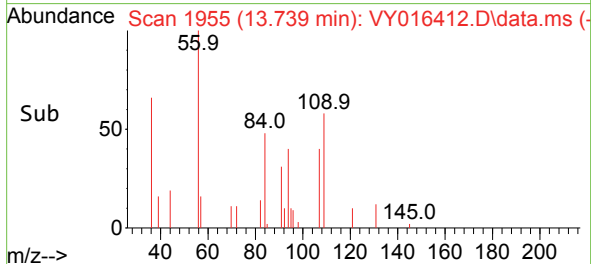
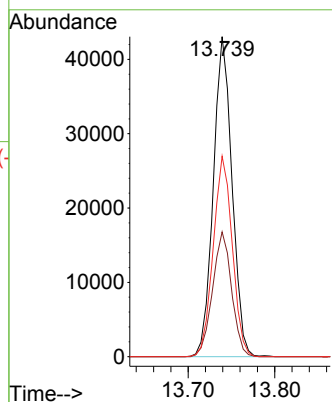
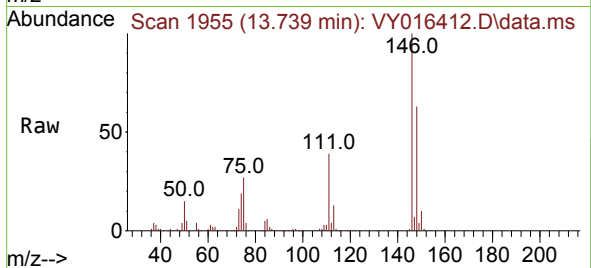
Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	64641
Ion Ratio	Lower	Upper
146	100	
111	39.6	19.7 59.0
148	63.8	32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.259 ug/l

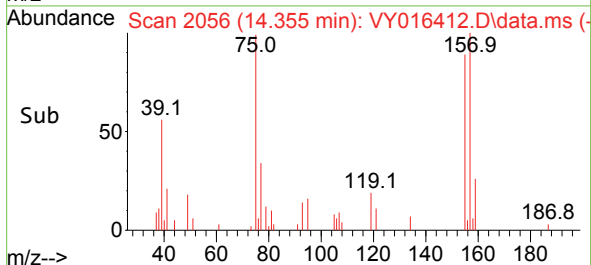
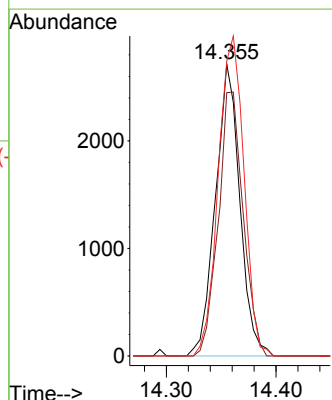
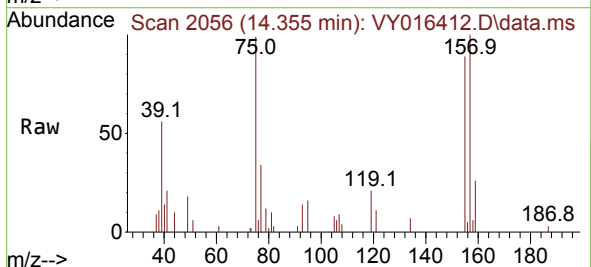
RT: 14.355 min Scan# 2056

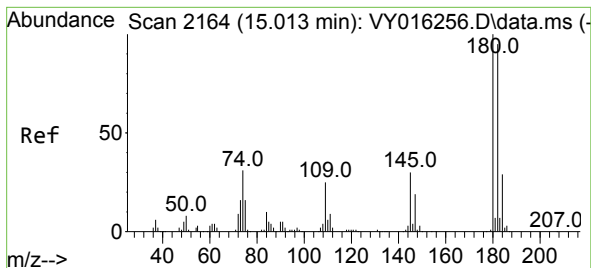
Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Tgt Ion: 75	Resp:	4193
Ion Ratio	Lower	Upper
75	100	
155	92.4	41.5 124.6
157	115.3	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.564 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

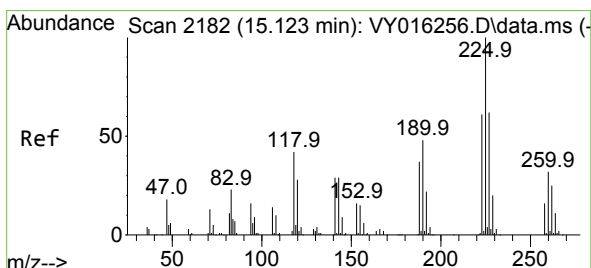
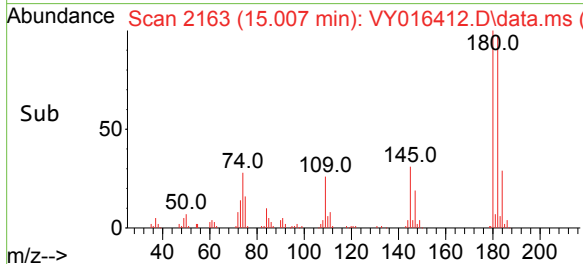
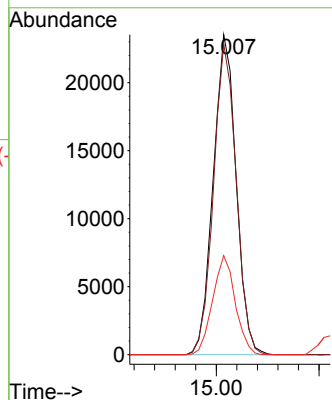
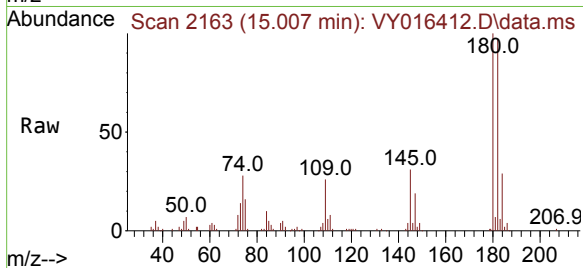
Tgt Ion:180 Resp: 36286

Ion Ratio Lower Upper

180 100

182 96.6 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.600 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.012 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

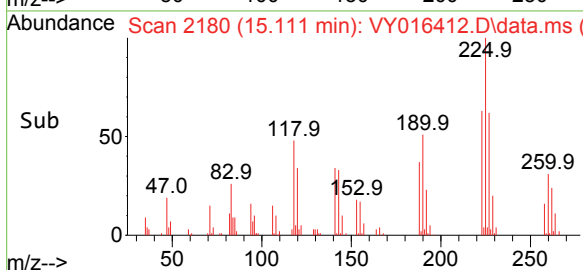
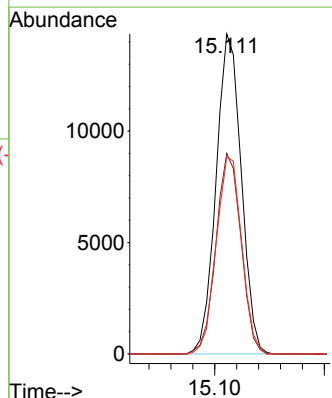
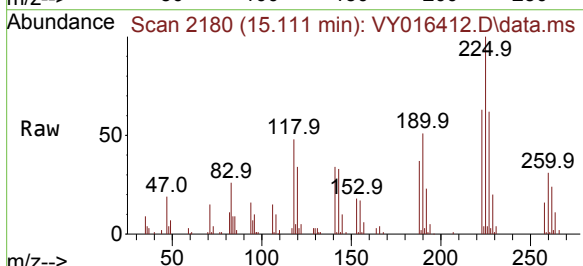
Tgt Ion:225 Resp: 22952

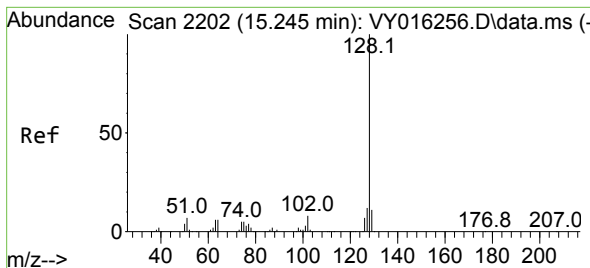
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 62.3 33.0 98.9





#95

Naphthalene

Concen: 18.870 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY016412.D

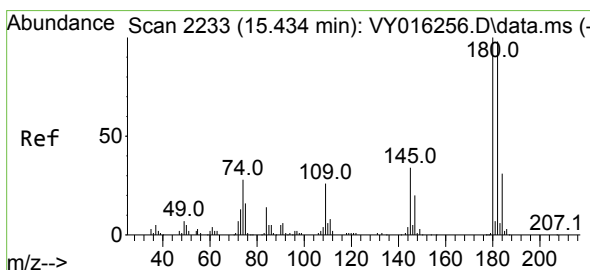
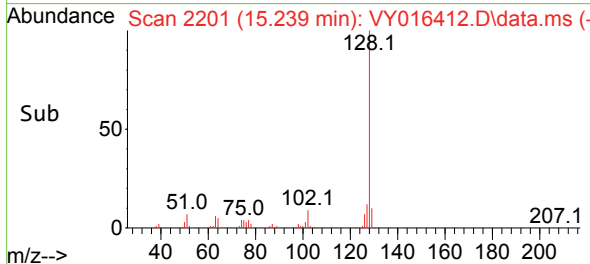
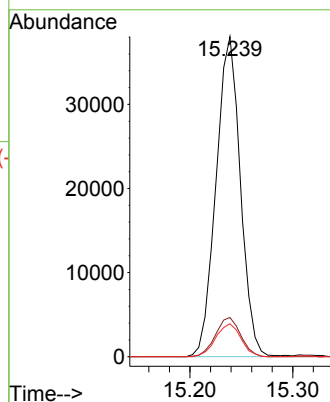
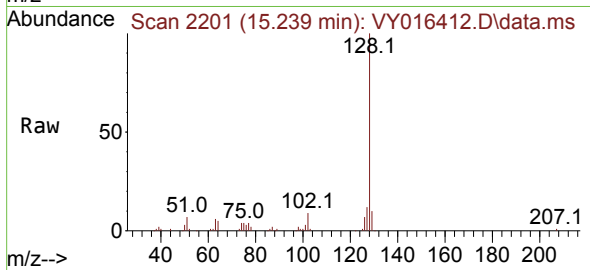
Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	62595
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.8 16.2
129	10.6	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.686 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.006 min

Lab File: VY016412.D

Acq: 17 Nov 2023 16:05

Tgt Ion:180	Resp:	30200
Ion Ratio	Lower	Upper
180	100	
182	93.6	47.3 141.8
145	31.6	15.4 46.2

