

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016658.D
 Acq On : 15 Dec 2023 17:37
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:09:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 15 23:53:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	229375	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	371183	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	329476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105263	56.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.200%	
35) Dibromofluoromethane	7.728	113	109811	55.154	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.300%	
50) Toluene-d8	10.191	98	421645	53.560	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.120%	
62) 4-Bromofluorobenzene	12.489	95	137602	53.929	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.860%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	78013	43.640	ug/l	95
3) Chloromethane	2.119	50	125695	45.120	ug/l	97
4) Vinyl Chloride	2.259	62	146595	45.840	ug/l	99
5) Bromomethane	2.656	94	99611	43.519	ug/l	98
6) Chloroethane	2.802	64	93527	44.964	ug/l	98
7) Trichlorofluoromethane	3.131	101	156527	43.823	ug/l	99
8) Diethyl Ether	3.534	74	54389	48.747	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.912	101	97574	44.170	ug/l	93
10) Methyl Iodide	4.101	142	104880	45.618	ug/l	95
11) Tert butyl alcohol	4.966	59	35503	234.535	ug/l	100
12) 1,1-Dichloroethene	3.881	96	93515	44.905	ug/l	88
13) Acrolein	3.741	56	25974	239.332	ug/l	99
14) Allyl chloride	4.491	41	132441	46.906	ug/l #	93
15) Acrylonitrile	5.173	53	116581	251.086	ug/l	97
16) Acetone	3.954	43	106576	239.379	ug/l #	86
17) Carbon Disulfide	4.204	76	300001	45.547	ug/l	99
18) Methyl Acetate	4.491	43	89592	51.141	ug/l #	90
19) Methyl tert-butyl Ether	5.234	73	240927	49.341	ug/l	97
20) Methylene Chloride	4.735	84	112066	47.400	ug/l	87
21) trans-1,2-Dichloroethene	5.234	96	109848	45.275	ug/l	95
22) Diisopropyl ether	6.131	45	296142	48.939	ug/l	89
23) Vinyl Acetate	6.070	43	746713	250.431	ug/l #	93
24) 1,1-Dichloroethane	6.027	63	179839	45.542	ug/l	96
25) 2-Butanone	6.996	43	153486	243.023	ug/l	91
26) 2,2-Dichloropropane	6.996	77	158719	45.271	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	120939	46.157	ug/l	91
28) Bromochloromethane	7.350	49	79098	56.228	ug/l	90
29) Tetrahydrofuran	7.356	42	95726	262.511	ug/l	88
30) Chloroform	7.515	83	188218	45.831	ug/l	95
31) Cyclohexane	7.795	56	161854	43.703	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	164023	44.520	ug/l	98
36) 1,1-Dichloropropene	7.929	75	146454	44.411	ug/l	98
37) Ethyl Acetate	7.082	43	67028	49.323	ug/l #	95
38) Carbon Tetrachloride	7.911	117	147377	44.492	ug/l	99
39) Methylcyclohexane	9.191	83	186981	45.113	ug/l	92
40) Benzene	8.173	78	434679	44.975	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	88543	122.695	ug/l #	40
42) 1,2-Dichloroethane	8.246	62	115749	46.858	ug/l	93
43) Isopropyl Acetate	8.283	43	124082	49.681	ug/l #	90
44) Trichloroethene	8.947	130	117882	43.794	ug/l	98
45) 1,2-Dichloropropane	9.228	63	104949	46.480	ug/l	99
46) Dibromomethane	9.313	93	60383	48.357	ug/l	93
47) Bromodichloromethane	9.508	83	147135	46.635	ug/l	99
48) Methyl methacrylate	9.301	41	69613	50.334	ug/l #	86
49) 1,4-Dioxane	9.313	88	13398	1001.641	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	334141	255.088	ug/l	90
52) Toluene	10.252	92	275577	45.519	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	142489	47.874	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	167318	46.756	ug/l #	88
55) 1,1,2-Trichloroethane	10.654	97	82290	46.902	ug/l	97
56) Ethyl methacrylate	10.520	69	77621	51.026	ug/l #	84
57) 1,3-Dichloropropane	10.801	76	140128	47.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	279500	263.643	ug/l	95
59) 2-Hexanone	10.843	43	240844	224.114	ug/l	87
60) Dibromochloromethane	10.990	129	99436	46.764	ug/l	100
61) 1,2-Dibromoethane	11.099	107	78535	47.692	ug/l	99
64) Tetrachloroethene	10.727	164	118479	43.893	ug/l	98
65) Chlorobenzene	11.526	112	284775	44.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	104763	44.574	ug/l	97
67) Ethyl Benzene	11.599	91	515734	44.606	ug/l	100
68) m/p-Xylenes	11.709	106	401900	90.104	ug/l	91
69) o-Xylene	12.038	106	183475	44.971	ug/l	95
70) Styrene	12.050	104	275375	46.587	ug/l	96
71) Bromoform	12.215	173	60577	47.527	ug/l #	98
73) Isopropylbenzene	12.337	105	490498	43.799	ug/l	100
74) N-amyl acetate	12.148	43	103280	49.204	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	87783	46.076	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	115269	79.396	ug/l #	100
77) Bromobenzene	12.617	156	116865	44.541	ug/l	92
78) n-propylbenzene	12.678	91	586725	43.833	ug/l	100
79) 2-Chlorotoluene	12.764	91	321520	43.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	397196	44.358	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	30520	47.824	ug/l	91
82) 4-Chlorotoluene	12.861	91	335365	44.121	ug/l	98
83) tert-Butylbenzene	13.081	119	345770	44.253	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	397610	44.772	ug/l	96
85) sec-Butylbenzene	13.257	105	510757	44.549	ug/l	100
86) p-Isopropyltoluene	13.373	119	439810	44.930	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	223831	43.893	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	220234	43.920	ug/l	100
89) n-Butylbenzene	13.702	91	409026	44.980	ug/l	97
90) Hexachloroethane	13.965	117	83441	42.827	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	196423	44.891	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12913	46.829	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	109228	46.212	ug/l	99
94) Hexachlorobutadiene	15.117	225	60539	42.672	ug/l	98
95) Naphthalene	15.239	128	209288	50.746	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	92967	47.715	ug/l	100

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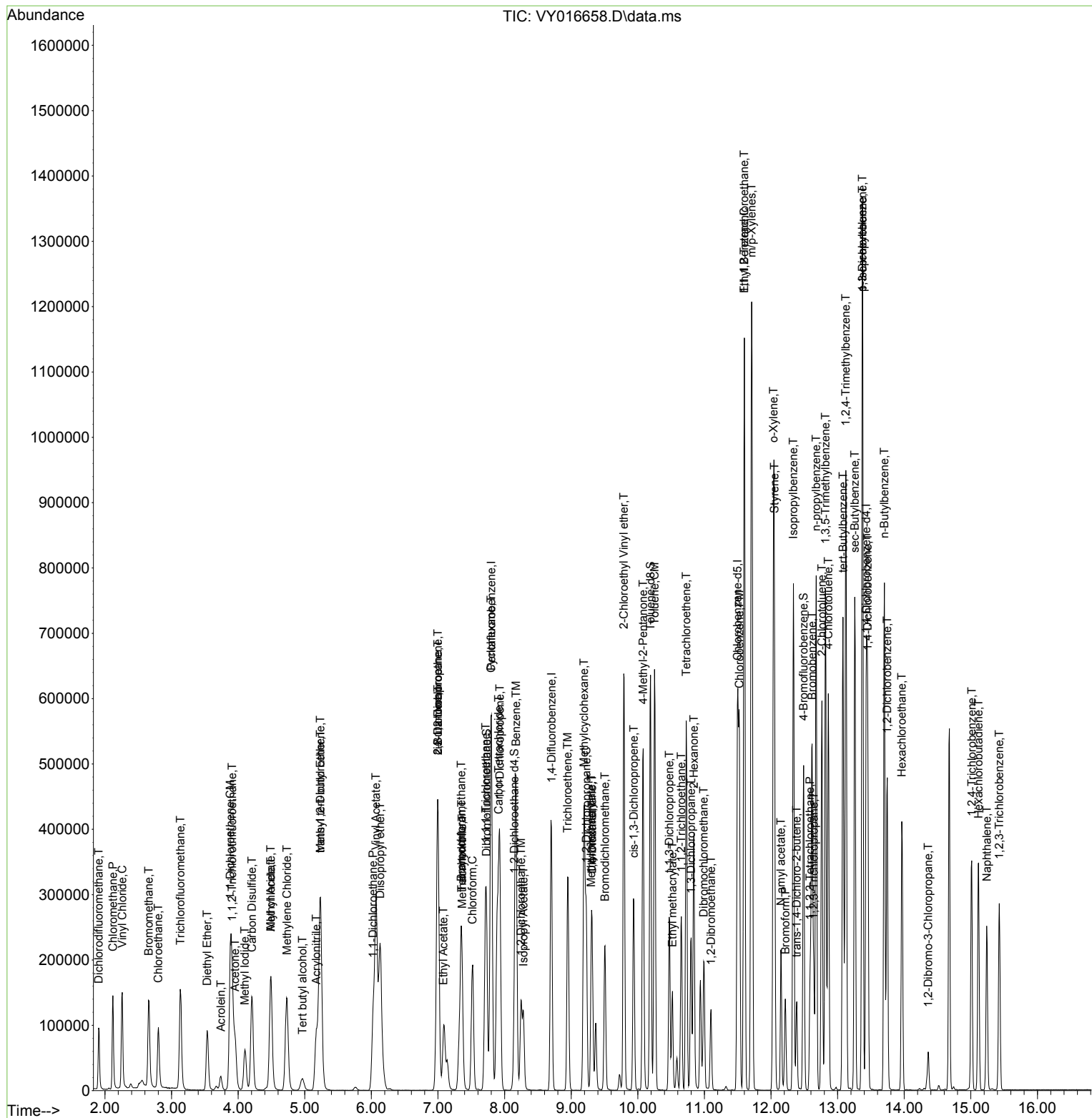
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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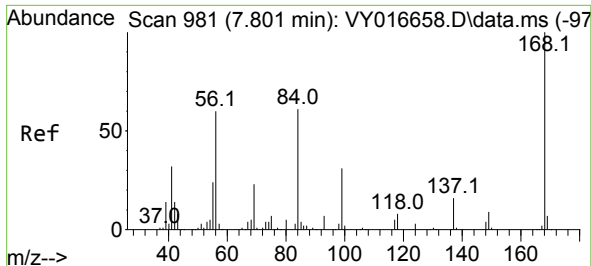
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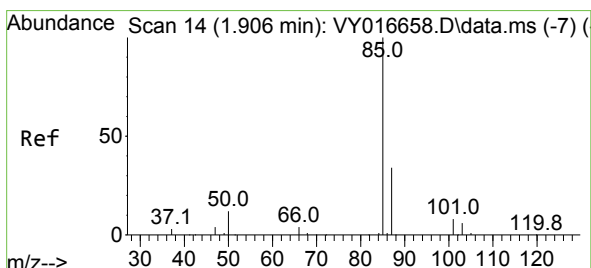
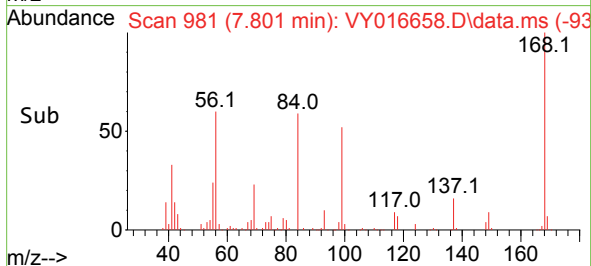
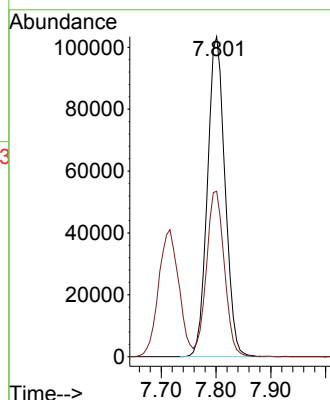
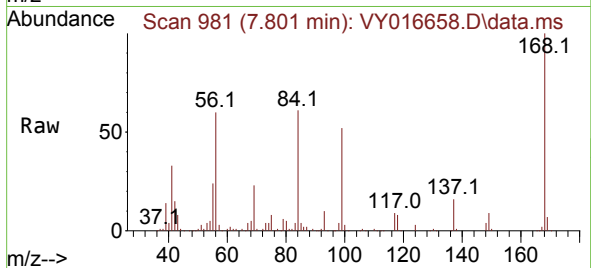




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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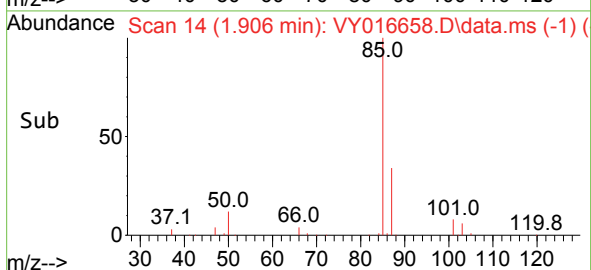
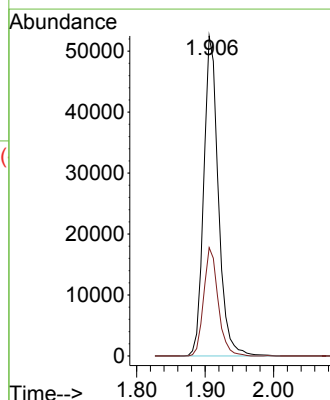
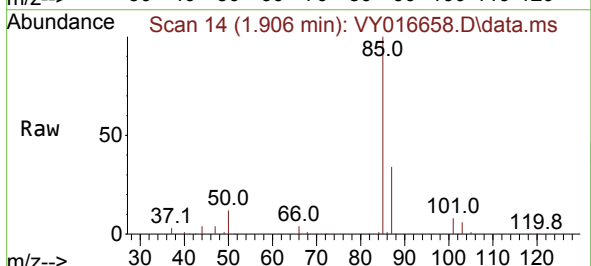
Instrument :
MSVOA_Y
ClientSampleId :

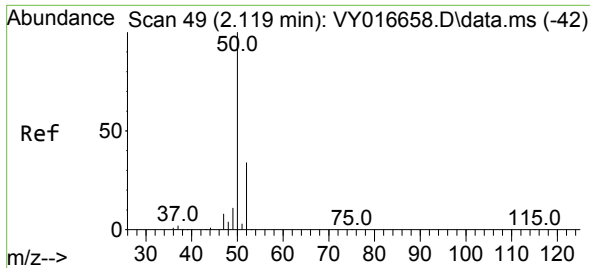
Tgt Ion:168 Resp: 229375
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.640 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 85 Resp: 78013
Ion Ratio Lower Upper
85 100
87 33.8 15.6 46.8

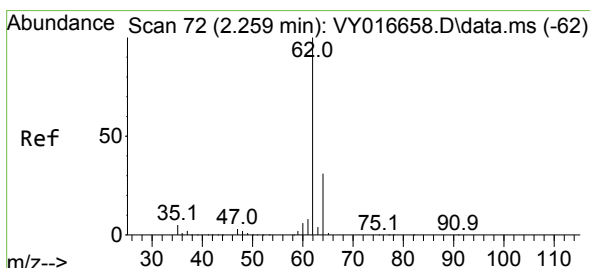
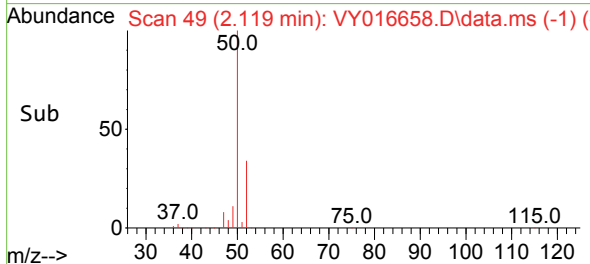
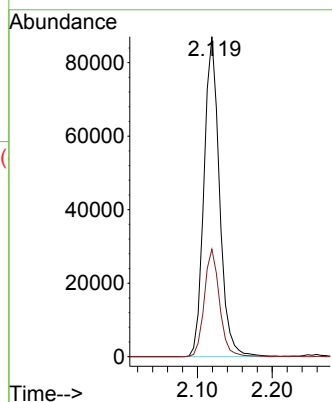
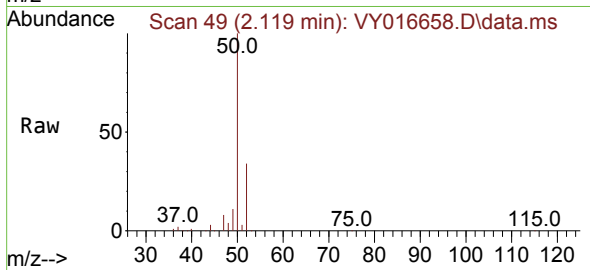




#3
Chloromethane
Concen: 45.120 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

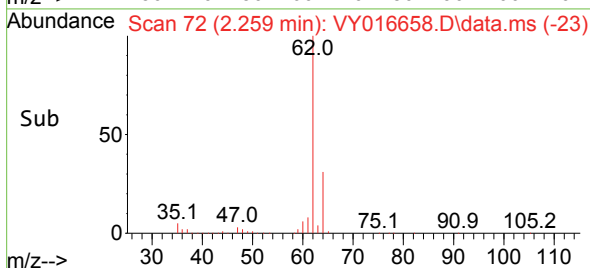
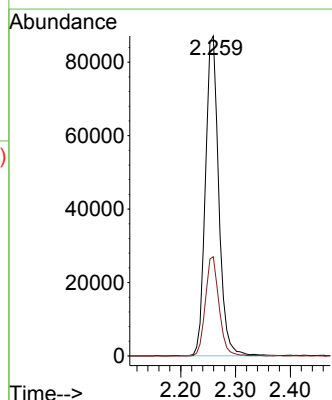
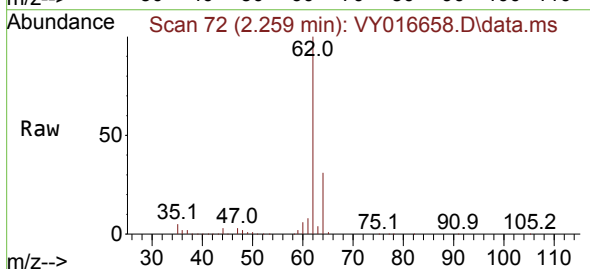
Instrument :
MSVOA_Y
ClientSampleId :

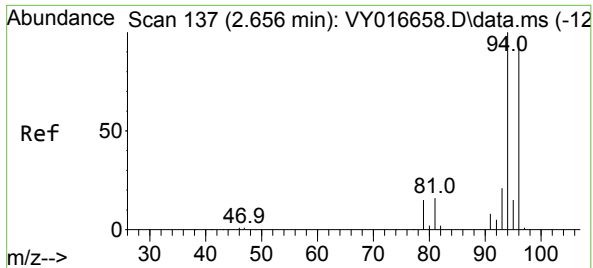
Tgt Ion: 50 Resp: 125695
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 45.840 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 62 Resp: 146595
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5

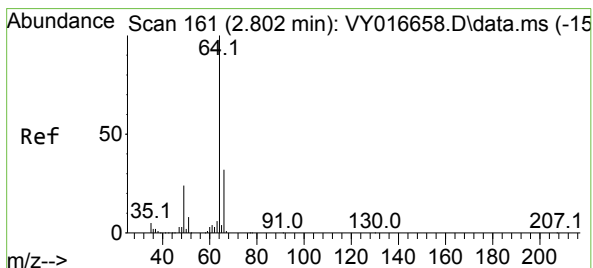
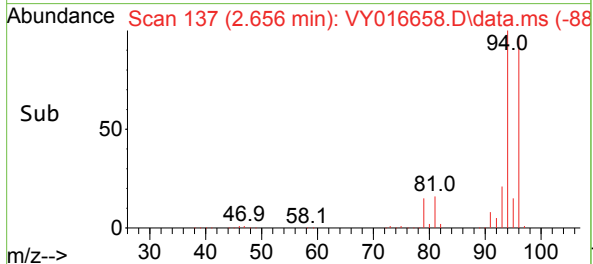
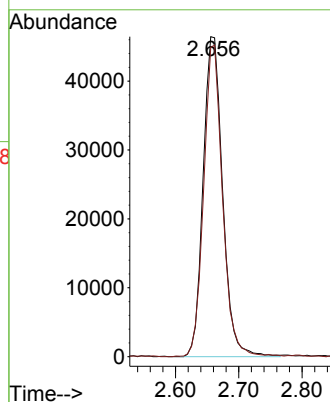
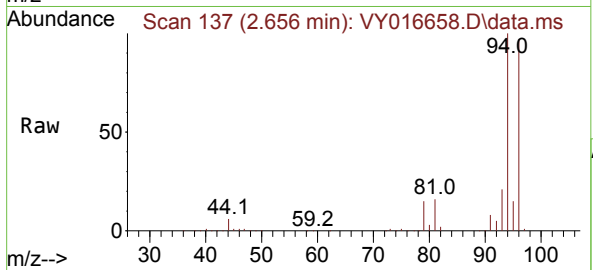




#5
Bromomethane
Concen: 43.519 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016658.D
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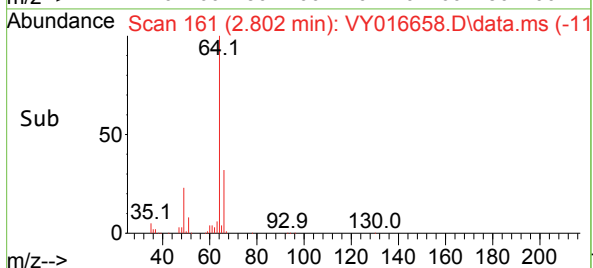
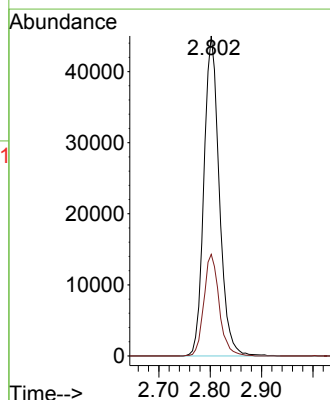
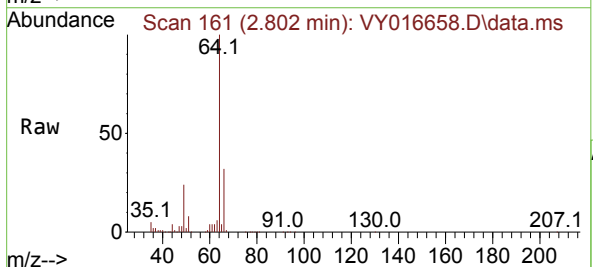
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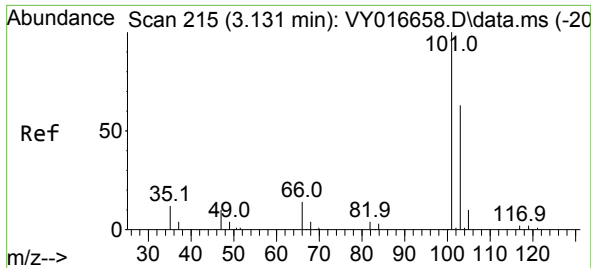
Tgt Ion: 94 Resp: 99611
Ion Ratio Lower Upper
94 100
96 96.5 75.8 113.6



#6
Chloroethane
Concen: 44.964 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
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Tgt Ion: 64 Resp: 93527
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

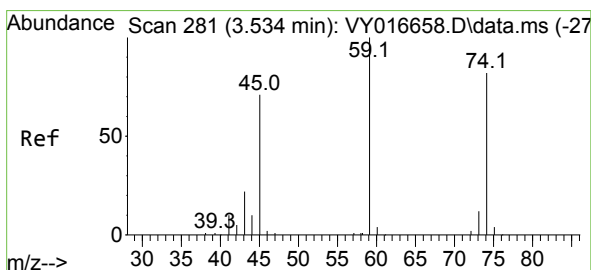
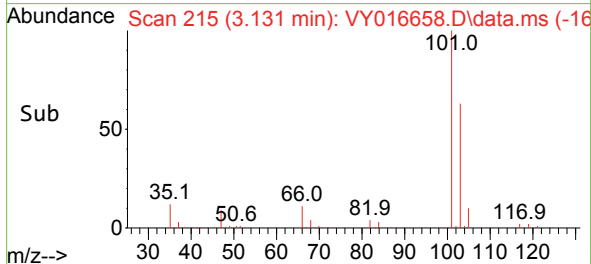
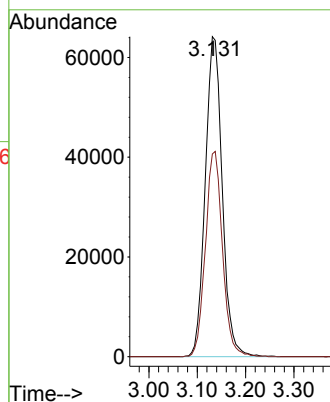
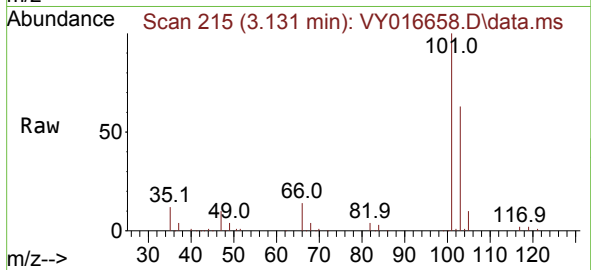




#7
Trichlorofluoromethane
Concen: 43.823 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY016658.D
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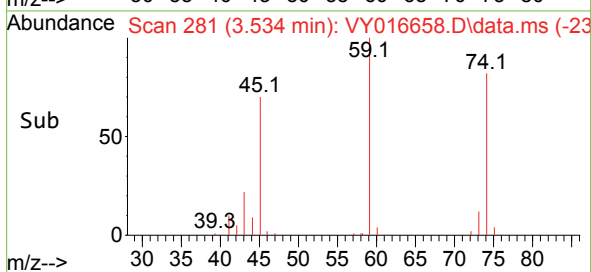
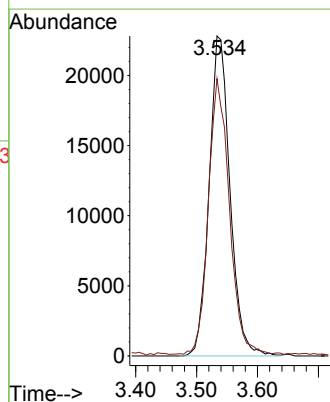
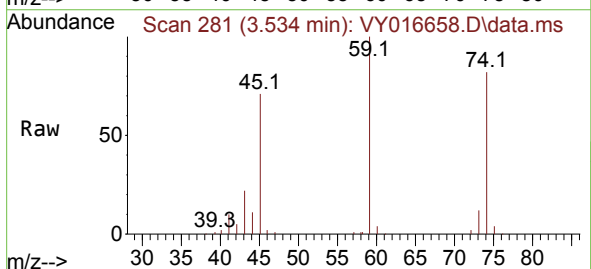
Instrument :
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ClientSampleId :

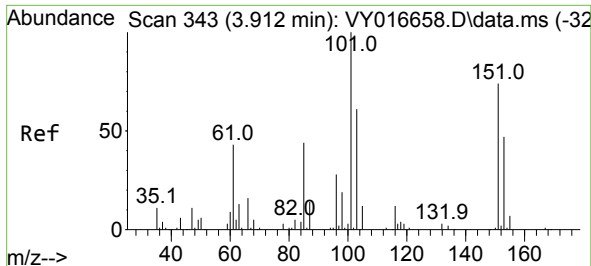
Tgt Ion:101 Resp: 156527
Ion Ratio Lower Upper
101 100
103 63.4 51.4 77.0



#8
Diethyl Ether
Concen: 48.747 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 54389
Ion Ratio Lower Upper
74 100
45 85.8 51.5 154.5

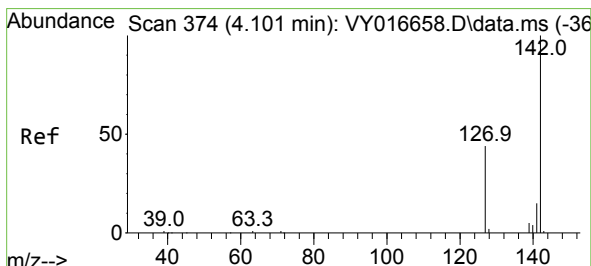
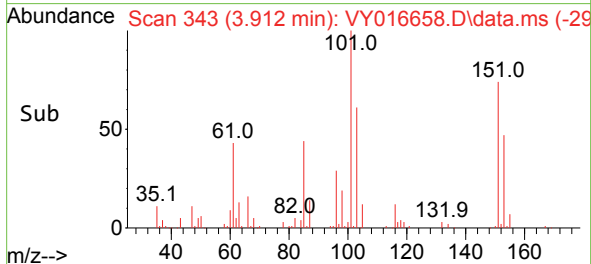
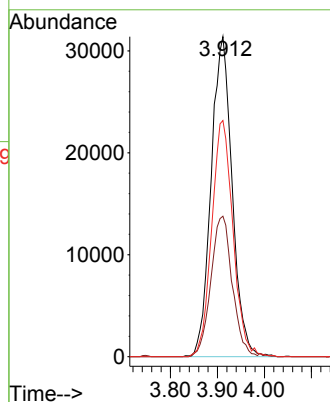
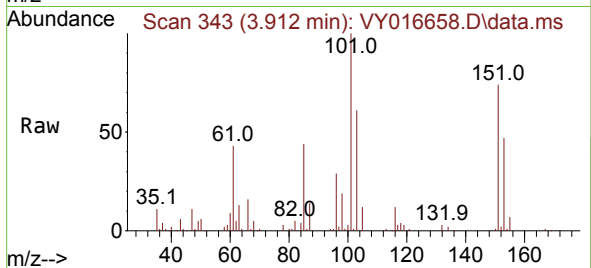




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.170 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

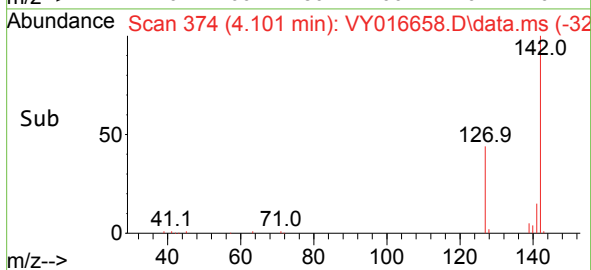
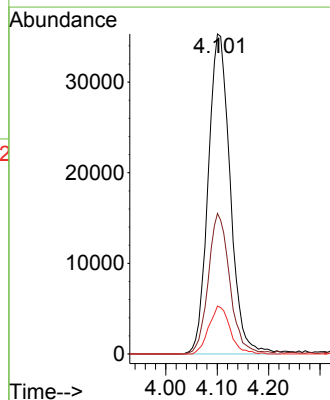
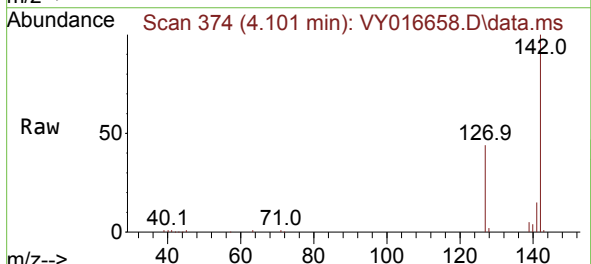
Instrument :
MSVOA_Y
ClientSampleId :

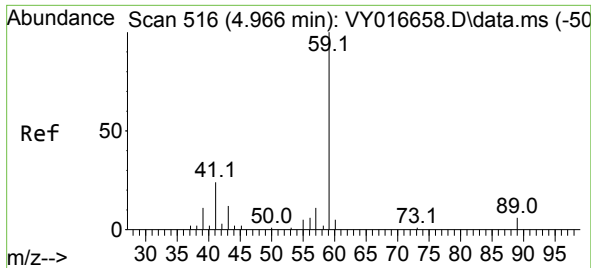
Tgt Ion:101 Resp: 97574
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 74.7 67.0 100.6



#10
Methyl Iodide
Concen: 45.618 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion:142 Resp: 104880
Ion Ratio Lower Upper
142 100
127 43.0 37.6 56.4
141 14.4 11.8 17.8

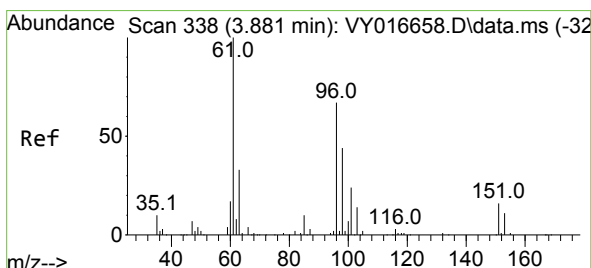
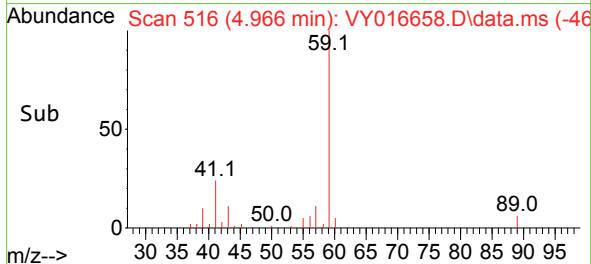
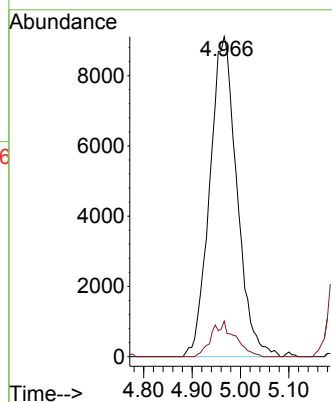
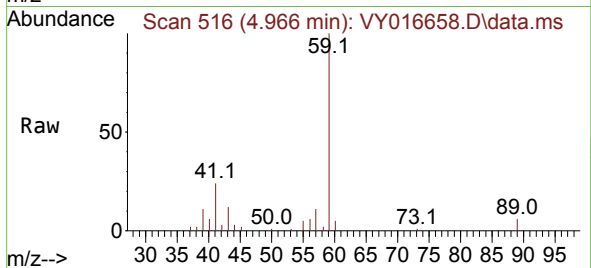




#11
Tert butyl alcohol
Concen: 234.535 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

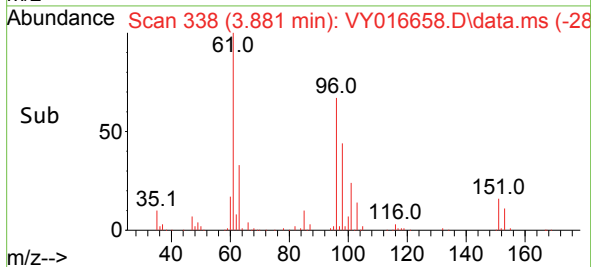
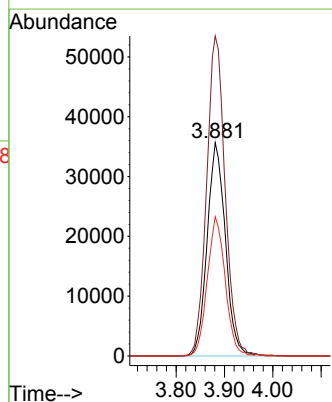
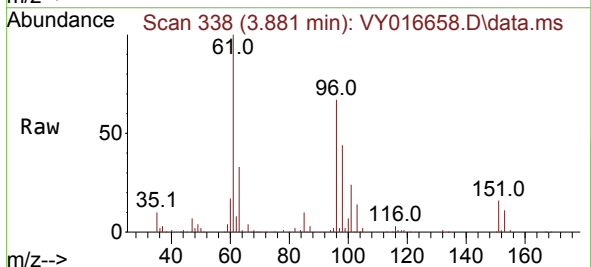
Instrument :
MSVOA_Y
ClientSampleId :

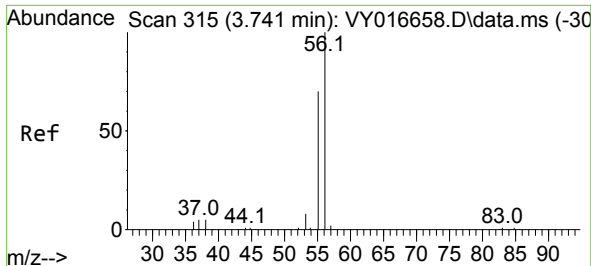
Tgt Ion: 59 Resp: 35503
Ion Ratio Lower Upper
59 100
57 3.6 3.0 4.4



#12
1,1-Dichloroethene
Concen: 44.905 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 96 Resp: 93515
Ion Ratio Lower Upper
96 100
61 150.1 136.4 204.6
98 65.3 49.4 74.2





#13

Acrolein

Concen: 239.332 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

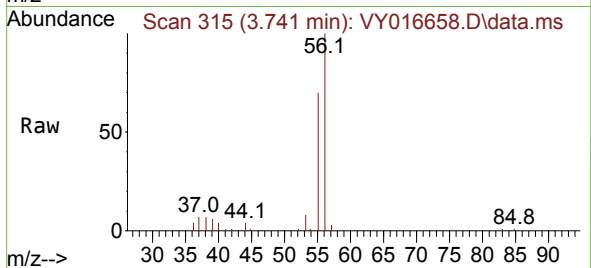
Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

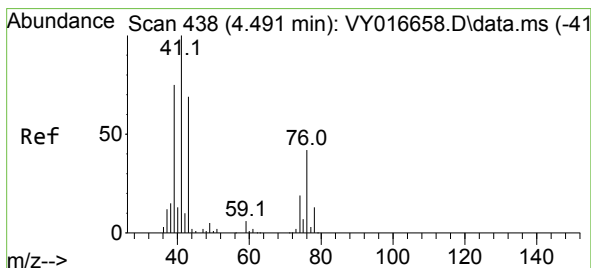
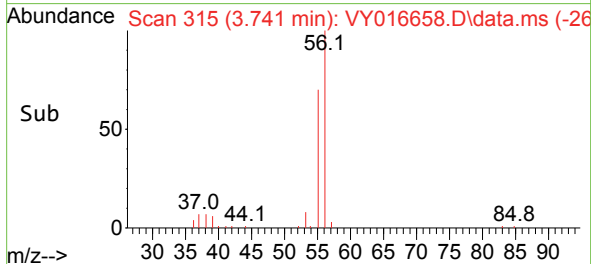
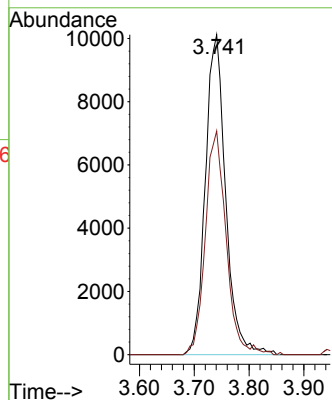


Tgt Ion: 56 Resp: 25974

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 46.906 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

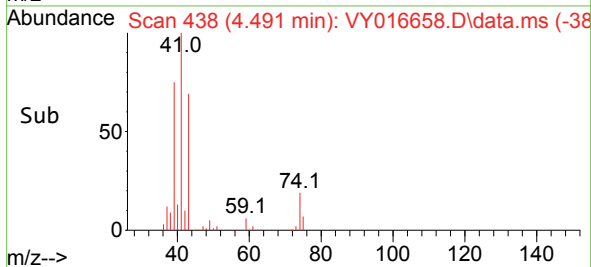
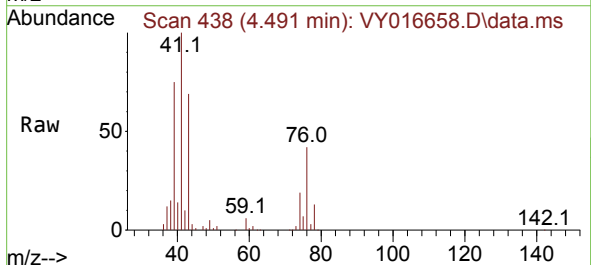
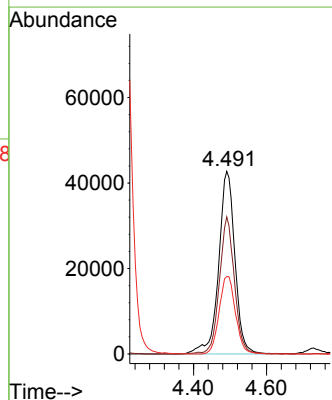
Tgt Ion: 41 Resp: 132441

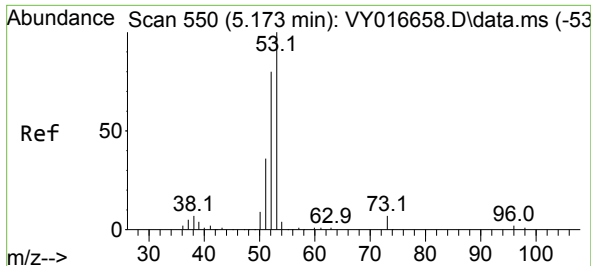
Ion Ratio Lower Upper

41 100

39 69.5 58.0 87.0

76 42.6 27.4 41.2#

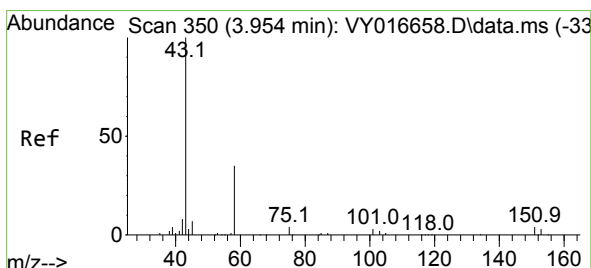
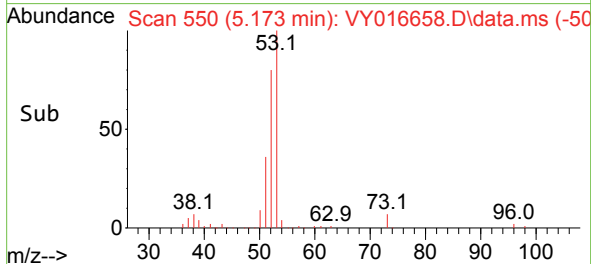
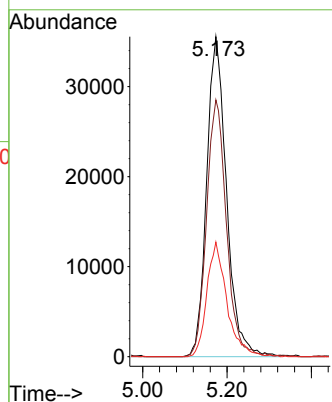
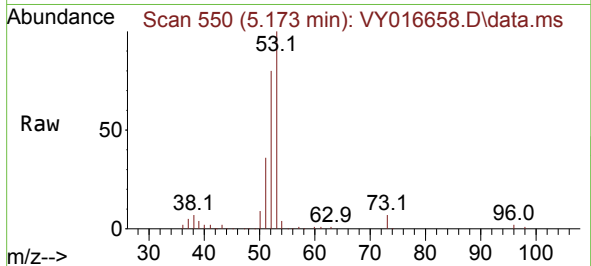




#15
Acrylonitrile
Concen: 251.086 ug/l
RT: 5.173 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

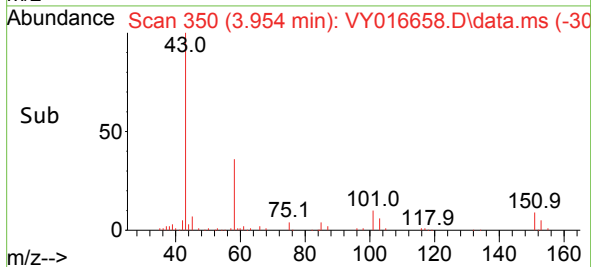
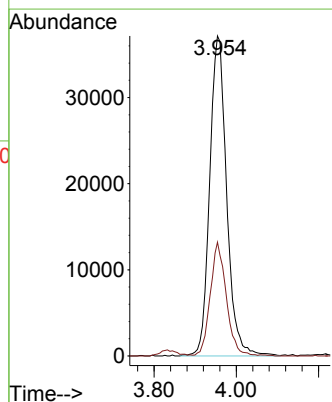
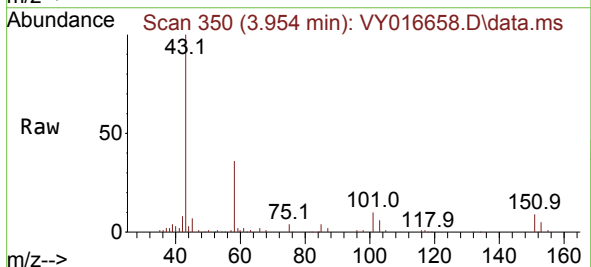
Instrument :
MSVOA_Y
ClientSampleId :

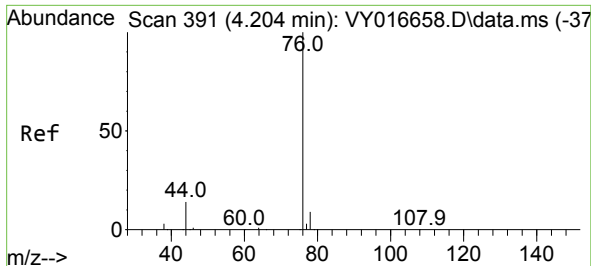
Tgt Ion: 53 Resp: 116581
Ion Ratio Lower Upper
53 100
52 80.0 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 239.379 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 43 Resp: 106576
Ion Ratio Lower Upper
43 100
58 35.6 22.7 34.1#

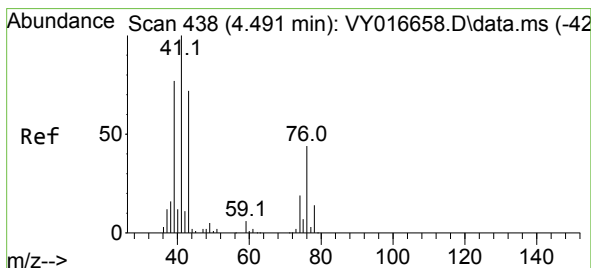
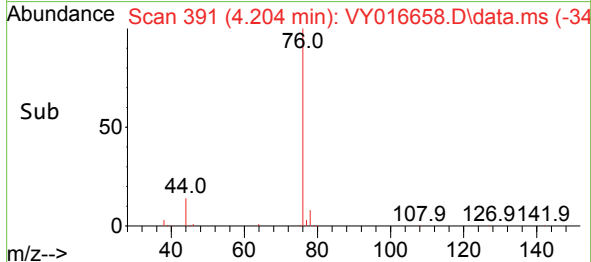
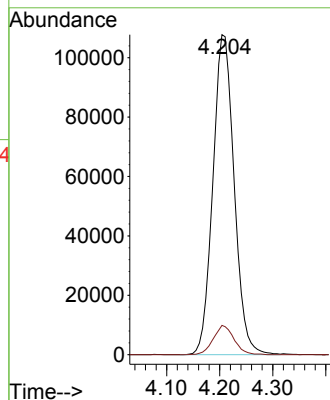
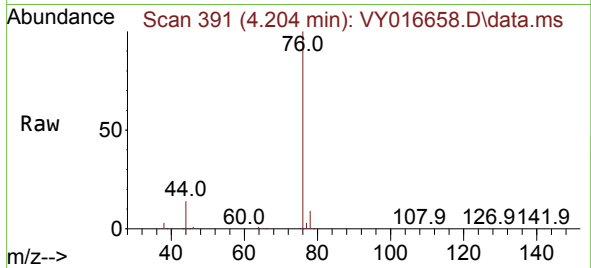




#17
Carbon Disulfide
Concen: 45.547 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

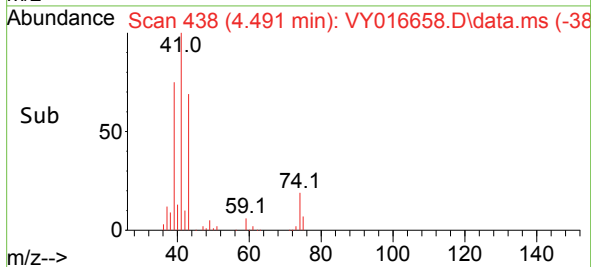
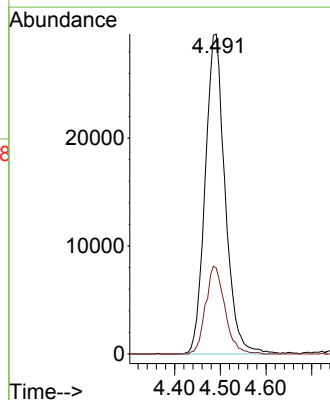
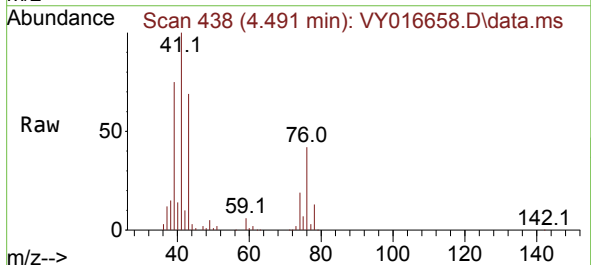
Instrument :
MSVOA_Y
ClientSampleId :

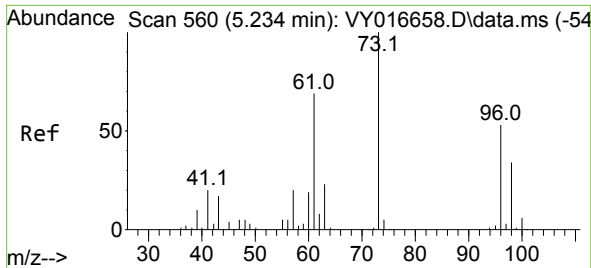
Tgt Ion: 76 Resp: 300001
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 51.141 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 43 Resp: 89592
Ion Ratio Lower Upper
43 100
74 26.7 17.4 26.0#

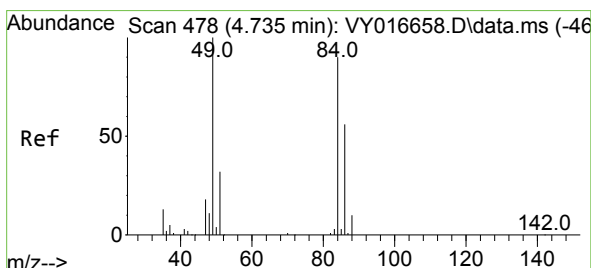
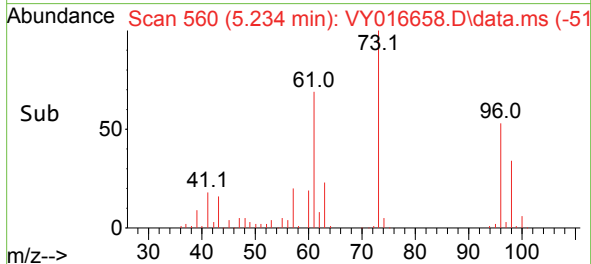
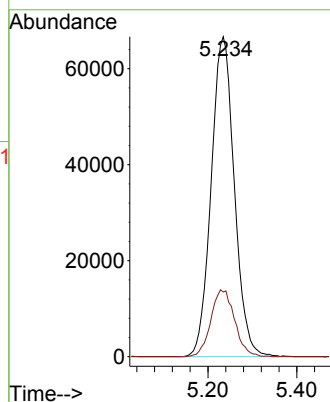
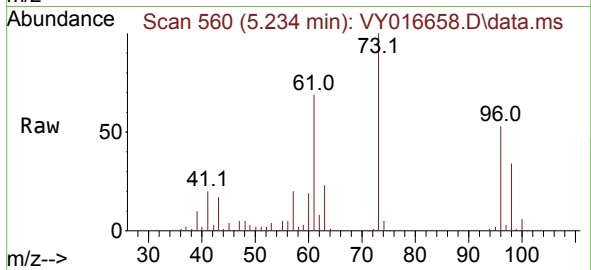




#19
Methyl tert-butyl Ether
Concen: 49.341 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

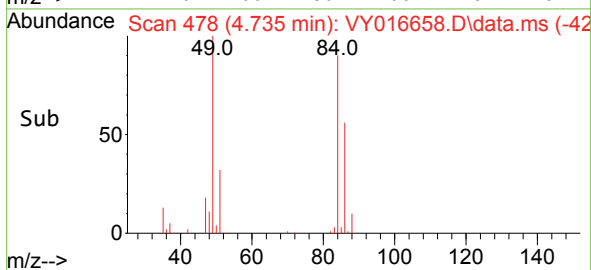
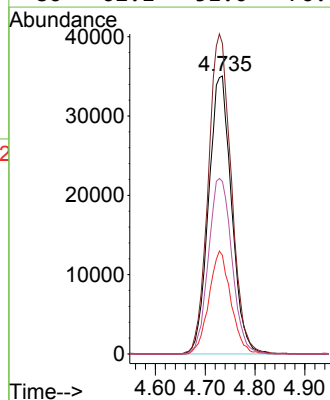
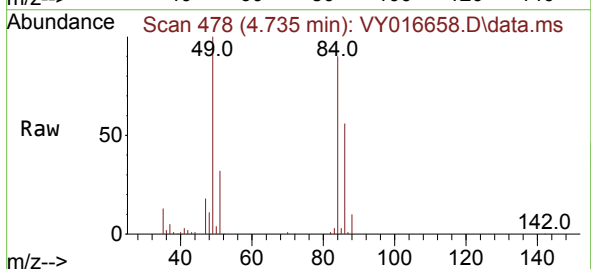
Instrument :
MSVOA_Y
ClientSampleId :

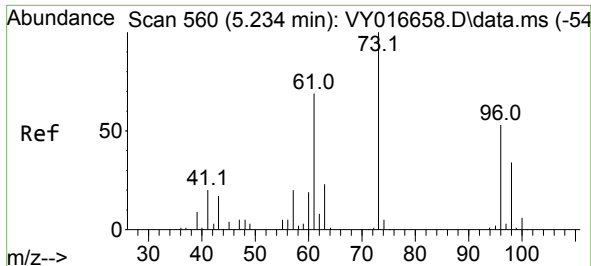
Tgt Ion: 73 Resp: 240927
Ion Ratio Lower Upper
73 100
57 20.2 17.3 25.9



#20
Methylene Chloride
Concen: 47.400 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 84 Resp: 112066
Ion Ratio Lower Upper
84 100
49 111.7 106.9 160.3
51 35.5 33.2 49.8
86 62.1 51.0 76.6

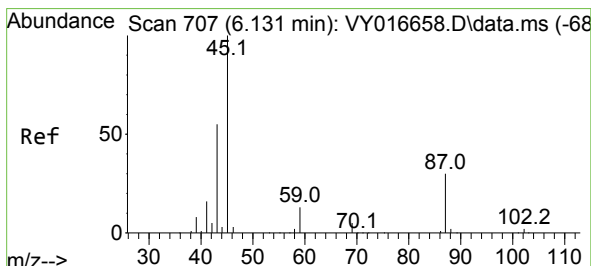
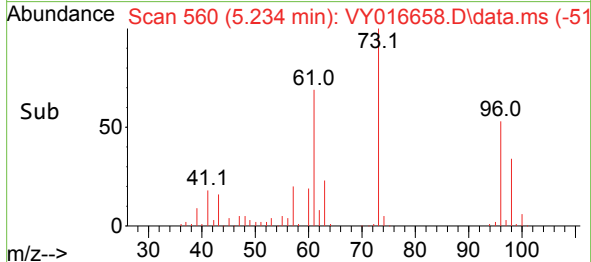
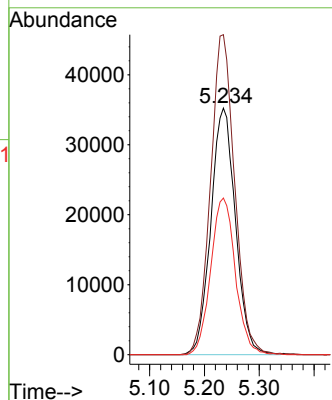
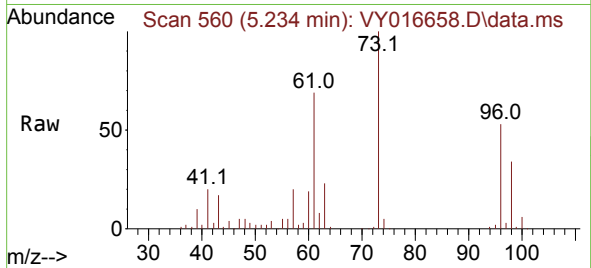




#21
trans-1,2-Dichloroethene
Concen: 45.275 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

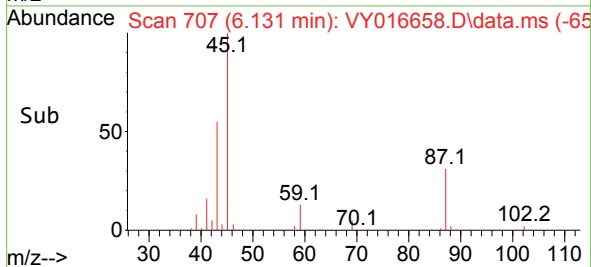
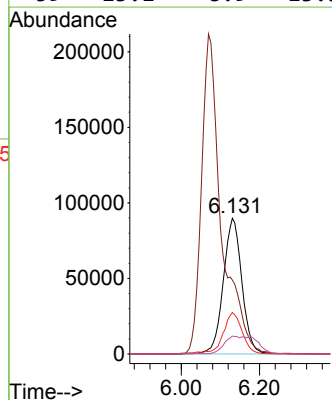
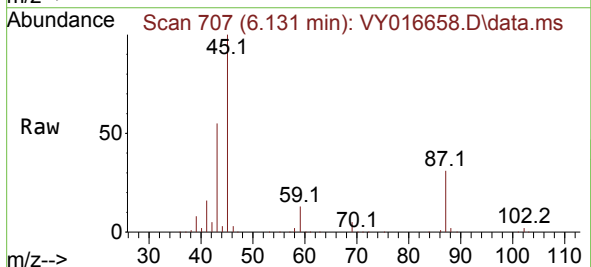
Instrument :
MSVOA_Y
ClientSampleId :

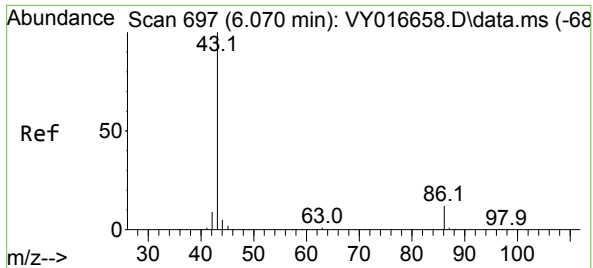
Tgt Ion: 96 Resp: 109848
Ion Ratio Lower Upper
96 100
61 129.8 110.2 165.4
98 63.5 51.8 77.6



#22
Diisopropyl ether
Concen: 48.939 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 45 Resp: 296142
Ion Ratio Lower Upper
45 100
43 54.5 52.2 78.4
87 30.4 21.0 31.6
59 13.1 8.9 13.3

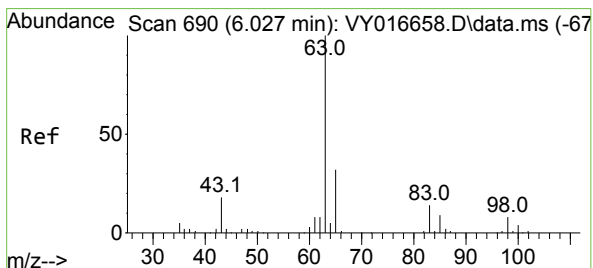
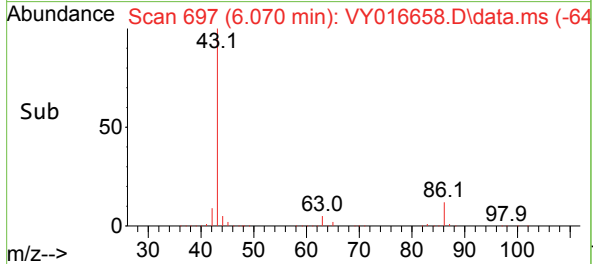
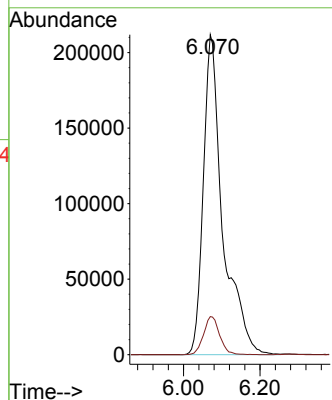
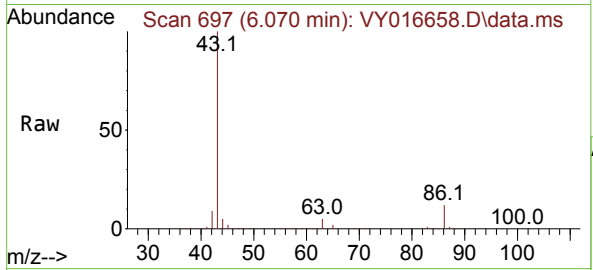




#23
 Vinyl Acetate
 Concen: 250.431 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

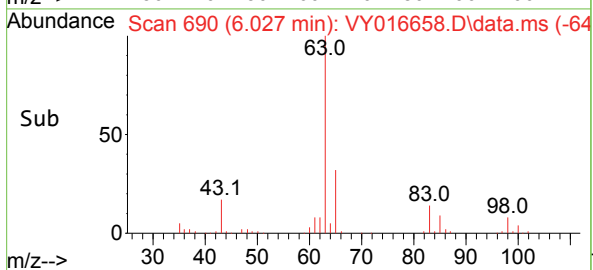
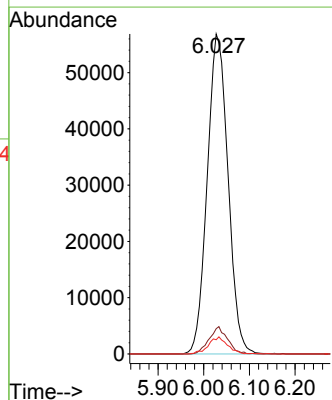
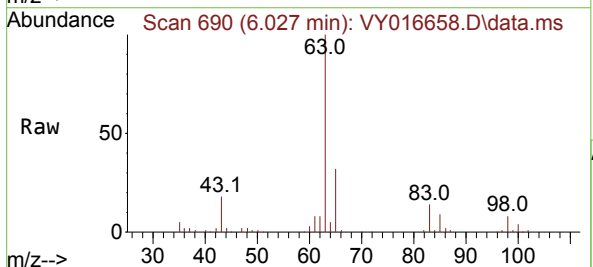
Instrument :
 MSVOA_Y
 ClientSampleId :

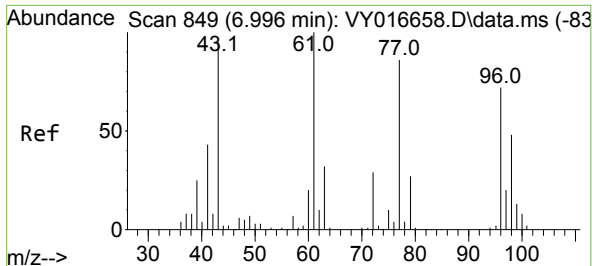
Tgt Ion: 43 Resp: 746713
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 45.542 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

Tgt Ion: 63 Resp: 179839
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 243.023 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

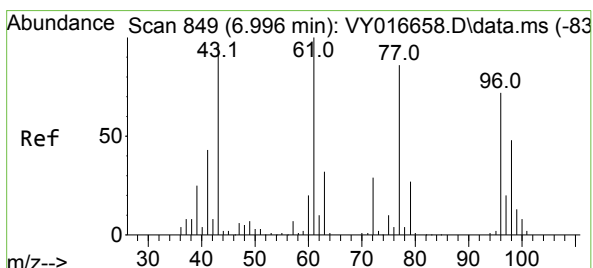
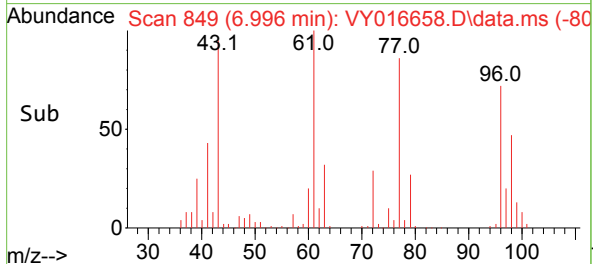
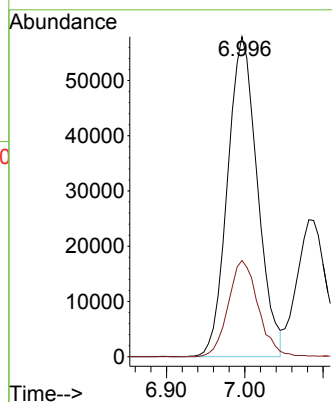
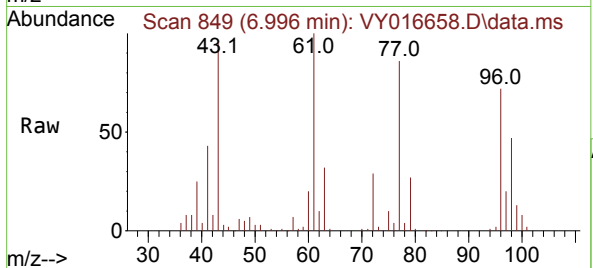
ClientSampleId :

Tgt Ion: 43 Resp: 153486

Ion Ratio Lower Upper

43 100

72 30.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.271 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016658.D

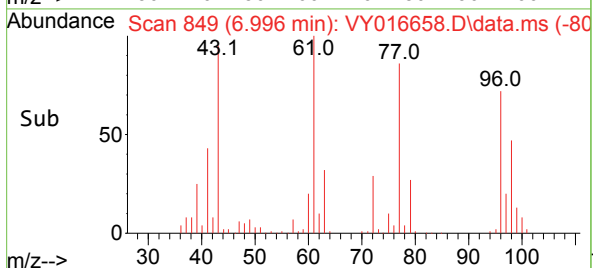
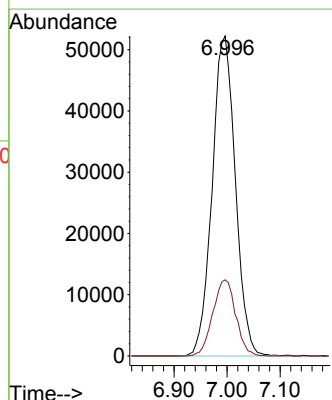
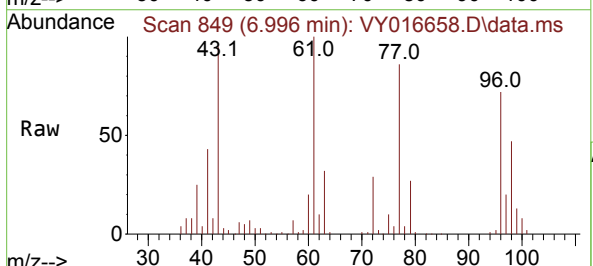
Acq: 15 Dec 2023 17:37

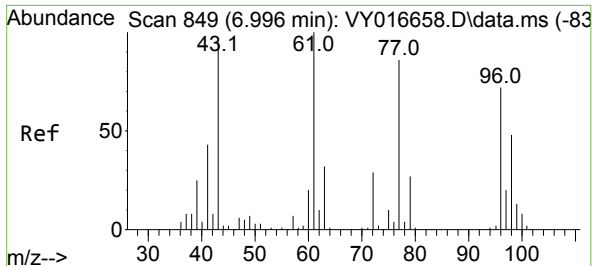
Tgt Ion: 77 Resp: 158719

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 46.157 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

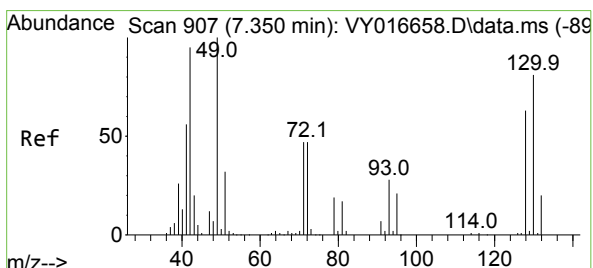
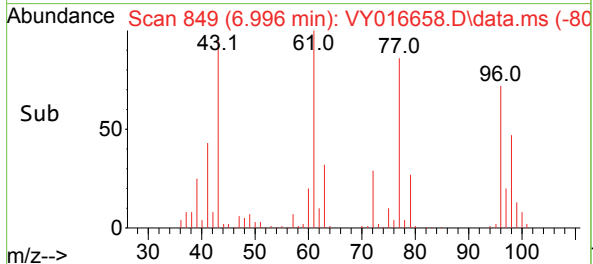
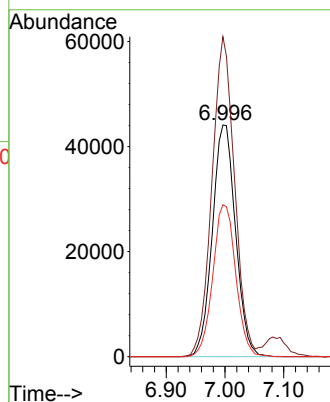
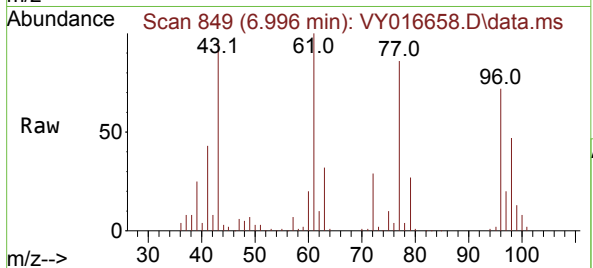
Tgt Ion: 96 Resp: 120939

Ion Ratio Lower Upper

96 100

61 134.3 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 56.228 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

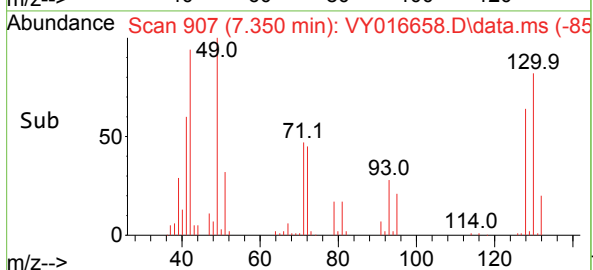
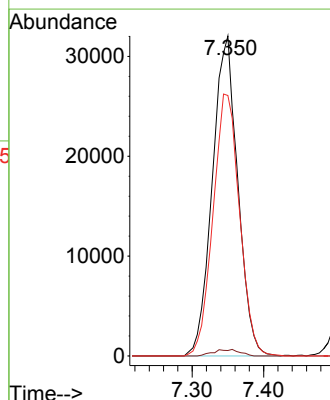
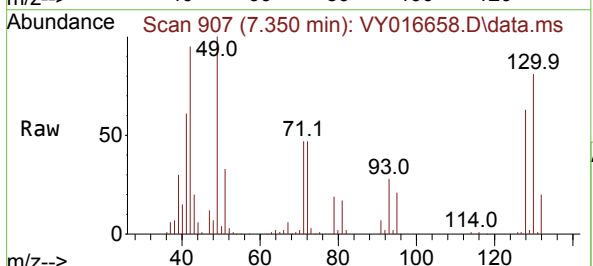
Tgt Ion: 49 Resp: 79098

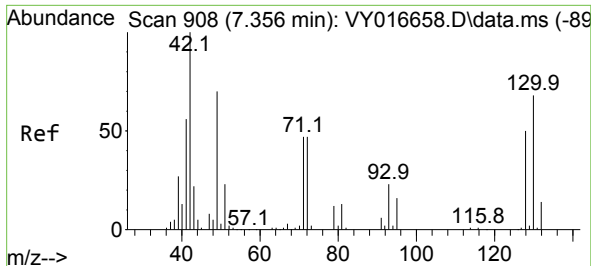
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 85.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 262.511 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

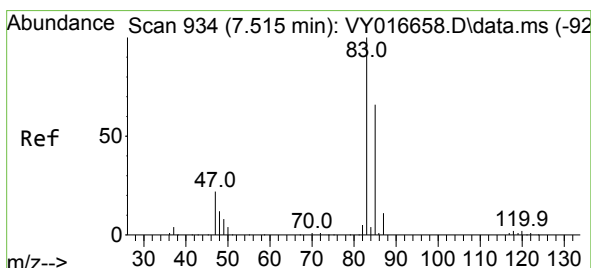
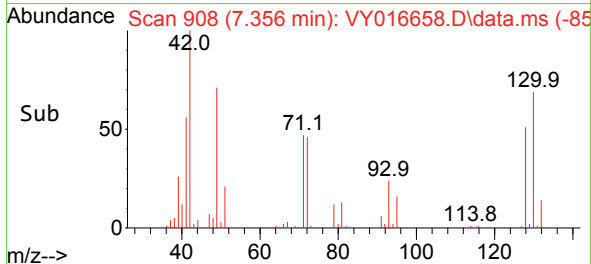
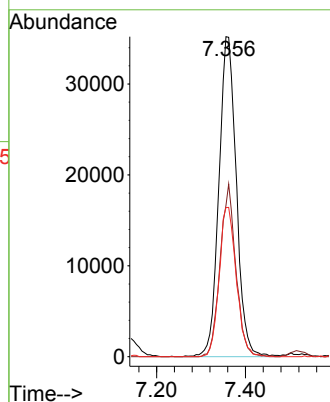
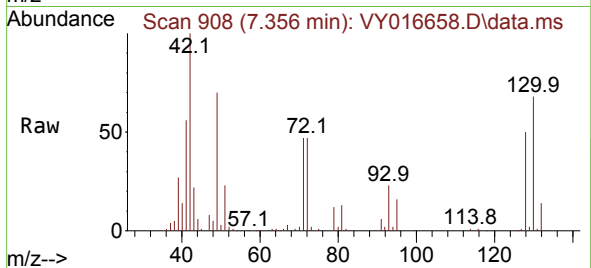
Tgt Ion: 42 Resp: 95726

Ion Ratio Lower Upper

42 100

72 48.7 32.8 49.2

71 45.8 31.0 46.4



#30

Chloroform

Concen: 45.831 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016658.D

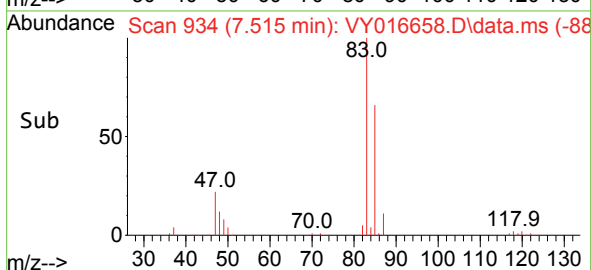
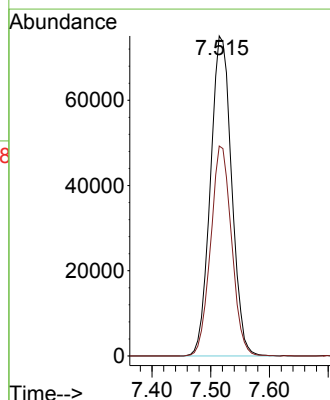
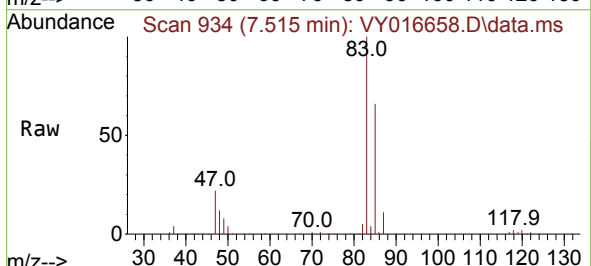
Acq: 15 Dec 2023 17:37

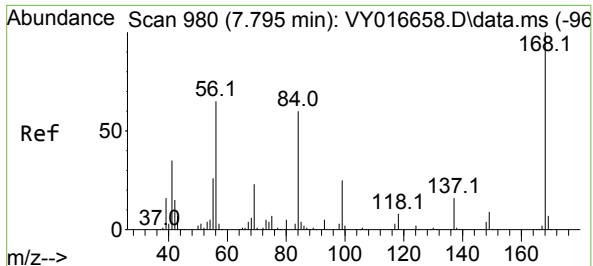
Tgt Ion: 83 Resp: 188218

Ion Ratio Lower Upper

83 100

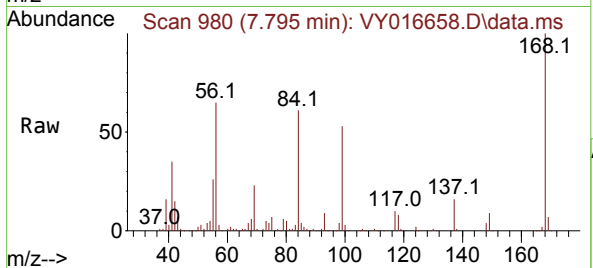
85 65.6 49.7 74.5



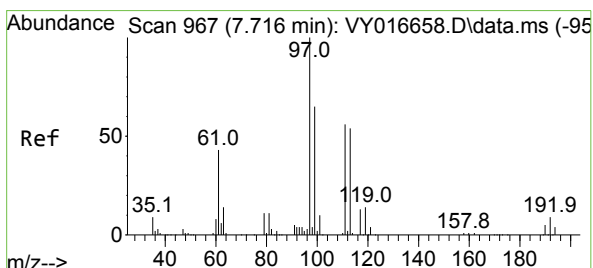
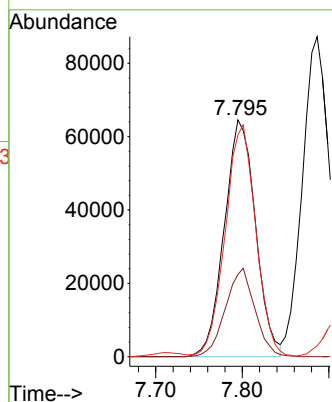
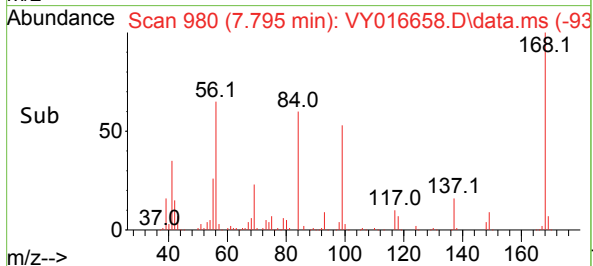


#31
Cyclohexane
Concen: 43.703 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Instrument :
MSVOA_Y
ClientSampleId :

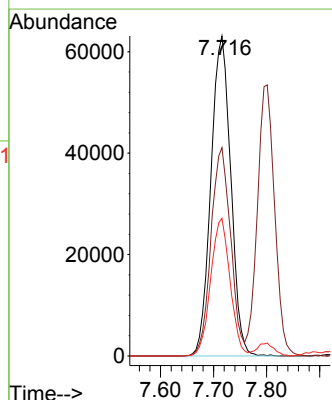
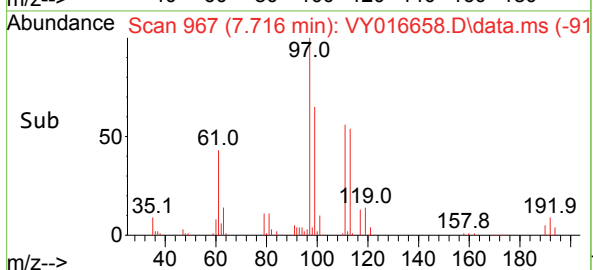
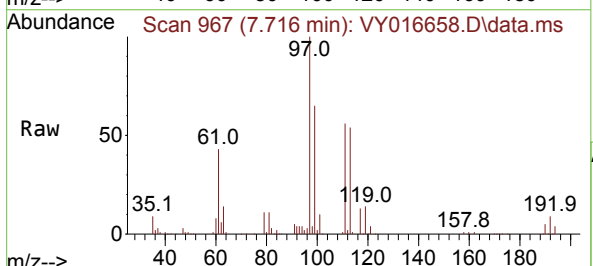


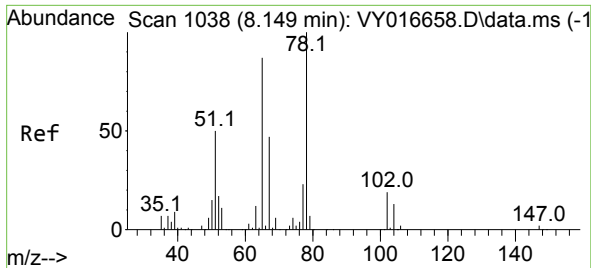
Tgt Ion: 56 Resp: 161854
Ion Ratio Lower Upper
56 100
69 34.7 27.8 41.6
84 92.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 44.520 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 97 Resp: 164023
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 56.105 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

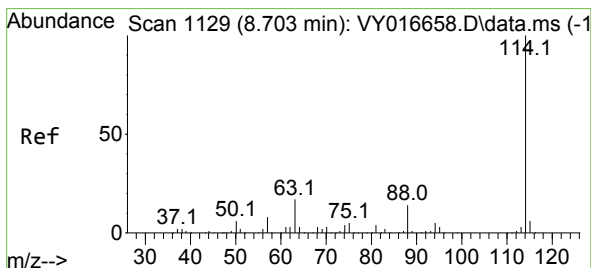
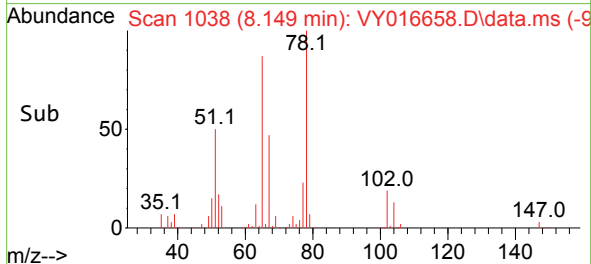
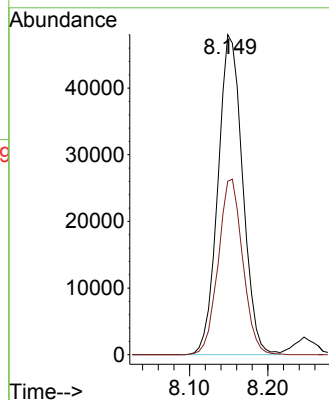
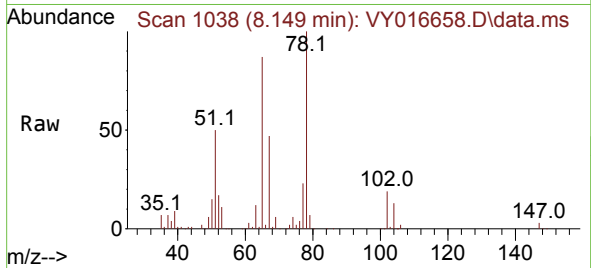
ClientSampleId :

Tgt Ion: 65 Resp: 105263

Ion Ratio Lower Upper

65 100

67 54.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

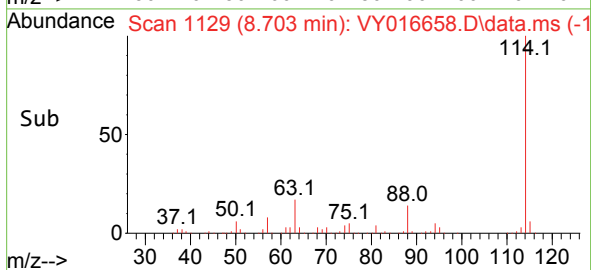
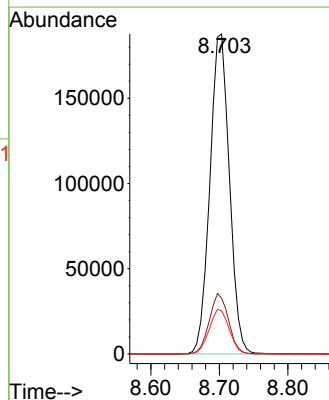
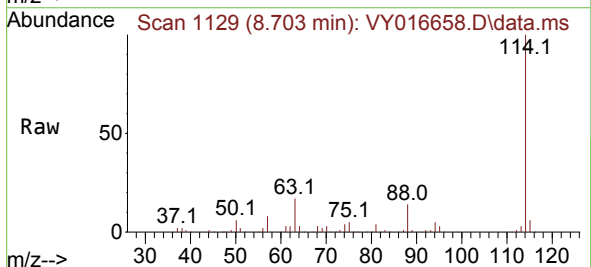
Tgt Ion: 114 Resp: 371183

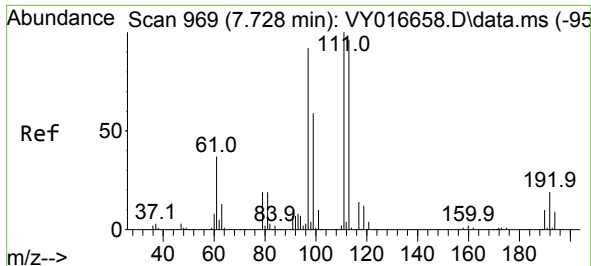
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

88 13.5 0.0 30.6

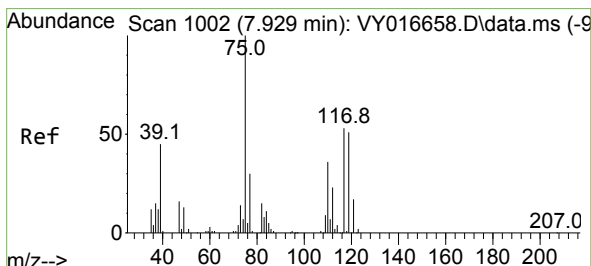
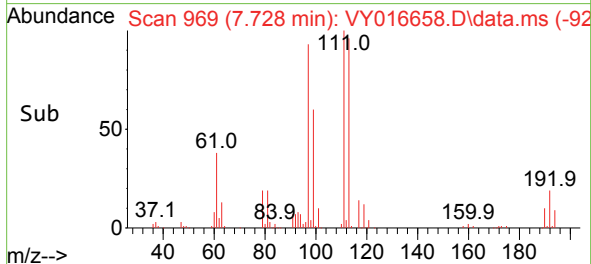
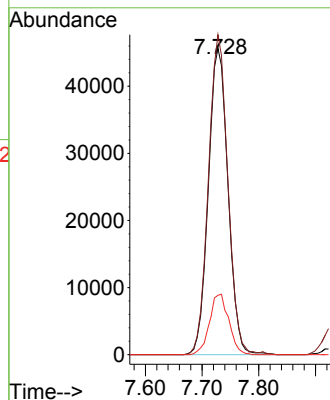
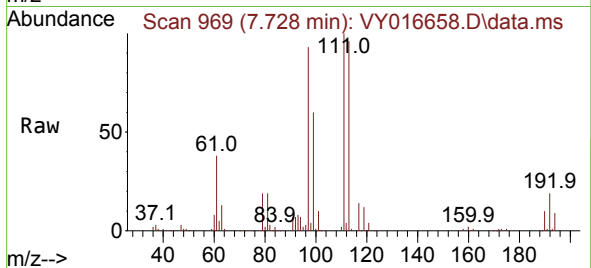




#35
Dibromofluoromethane
Concen: 55.154 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

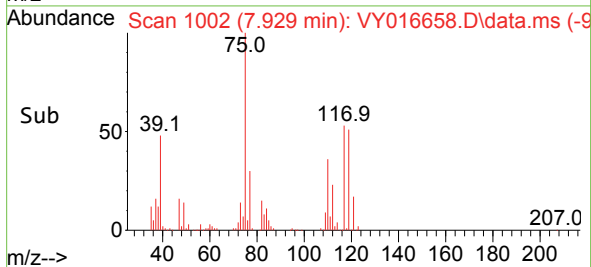
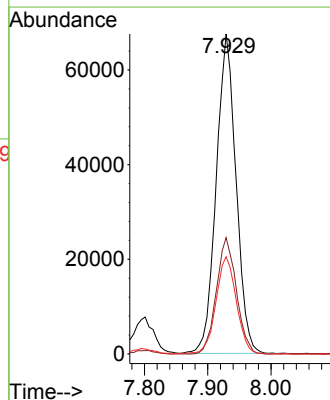
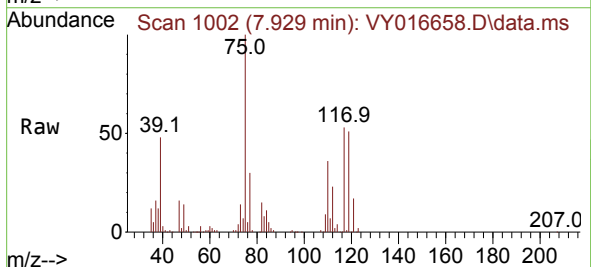
Instrument :
MSVOA_Y
ClientSampleId :

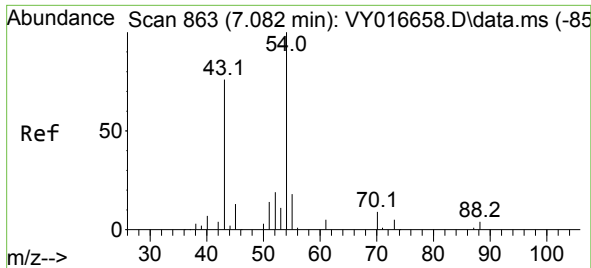
Tgt Ion:113 Resp: 109811
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 44.411 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 75 Resp: 146454
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 49.323 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

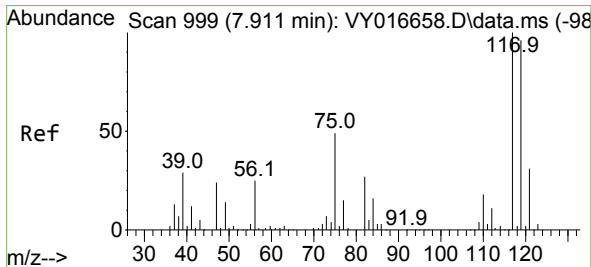
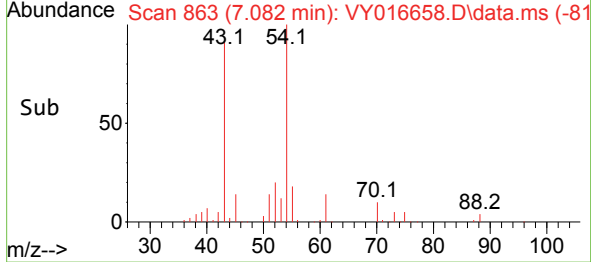
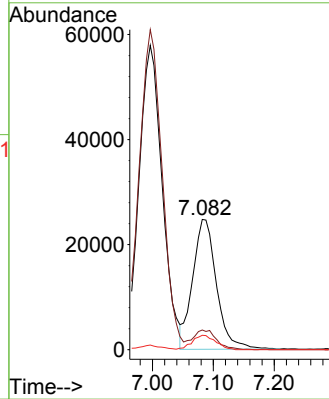
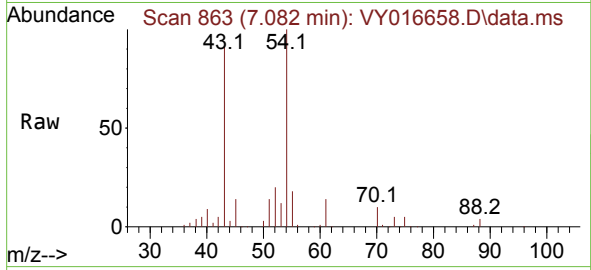
Tgt Ion: 43 Resp: 67028

Ion Ratio Lower Upper

43 100

61 14.5 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 44.492 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

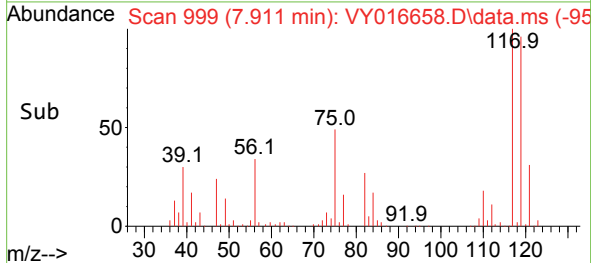
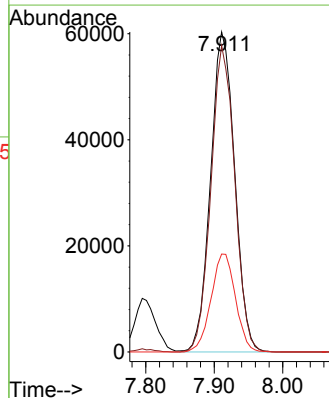
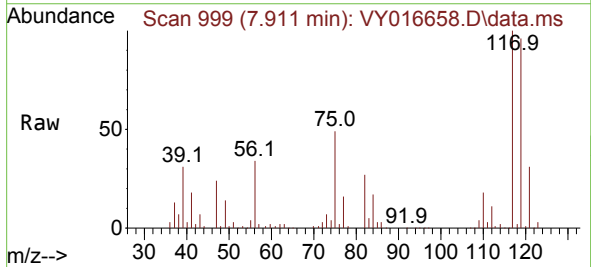
Tgt Ion: 117 Resp: 147377

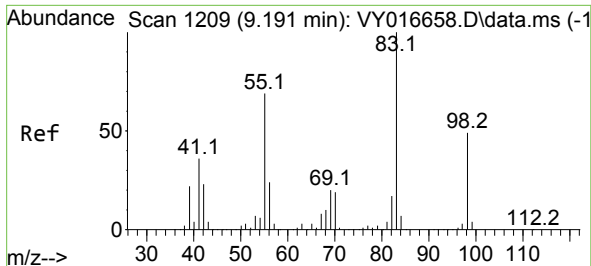
Ion Ratio Lower Upper

117 100

119 95.8 76.4 114.6

121 30.6 25.8 38.6





#39

Methylcyclohexane

Concen: 45.113 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

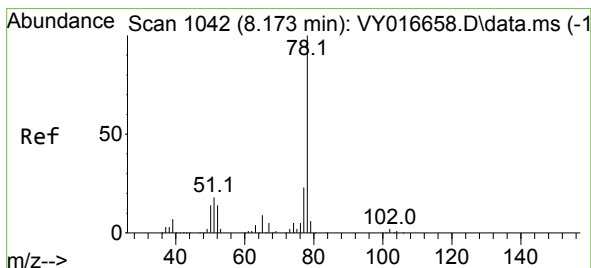
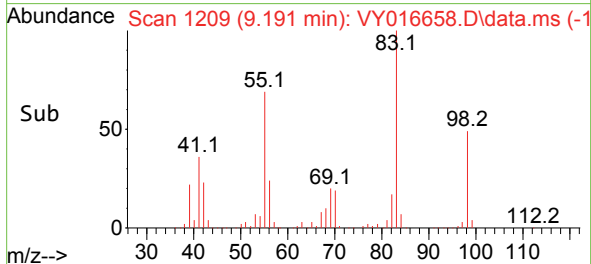
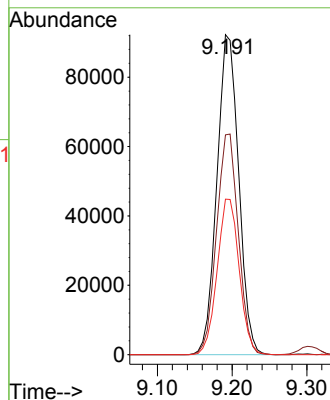
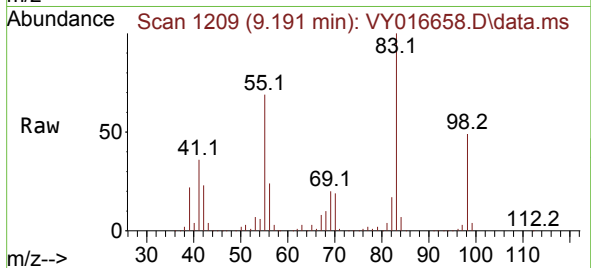
Tgt Ion: 83 Resp: 186981

Ion Ratio Lower Upper

83 100

55 68.7 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 44.975 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016658.D

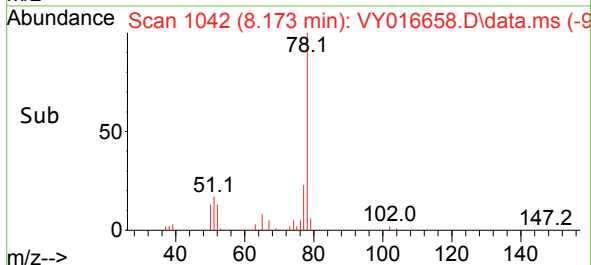
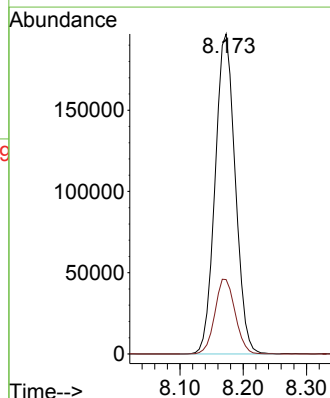
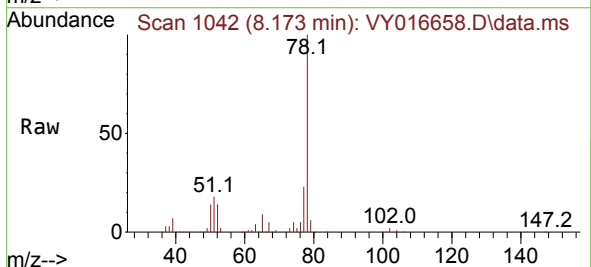
Acq: 15 Dec 2023 17:37

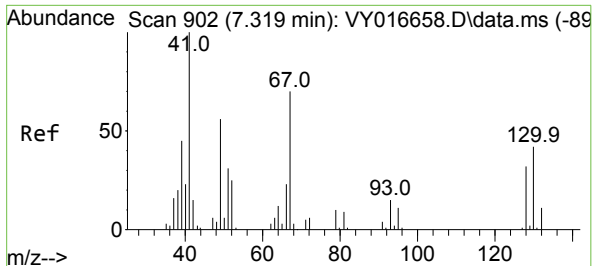
Tgt Ion: 78 Resp: 434679

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

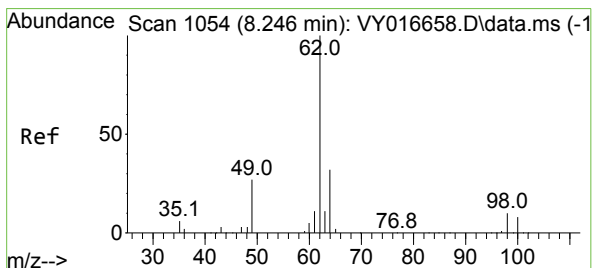
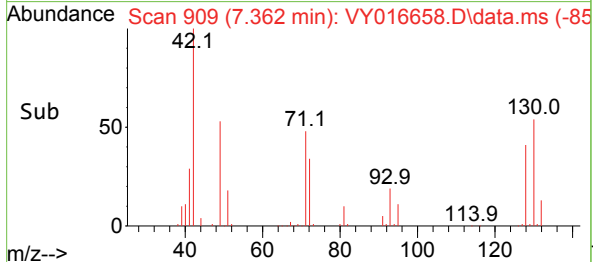
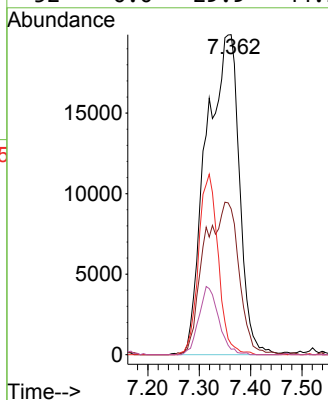
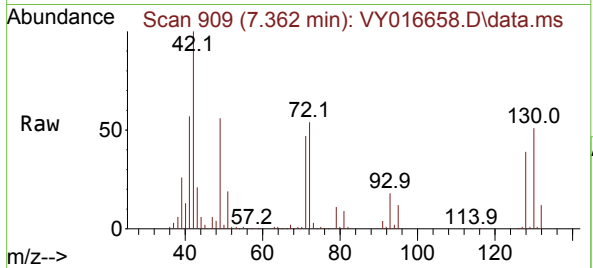




#41
Methacrylonitrile
Concen: 122.695 ug/l
RT: 7.362 min Scan# 902
Delta R.T. 0.043 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

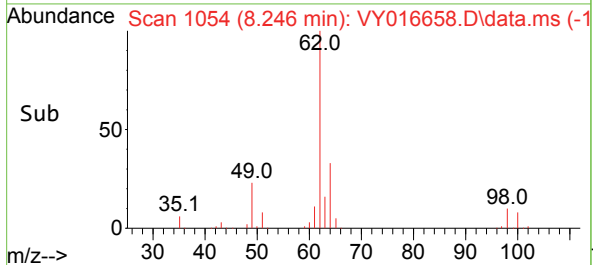
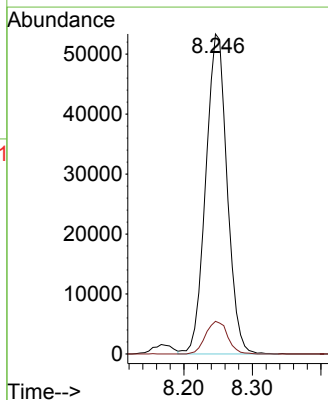
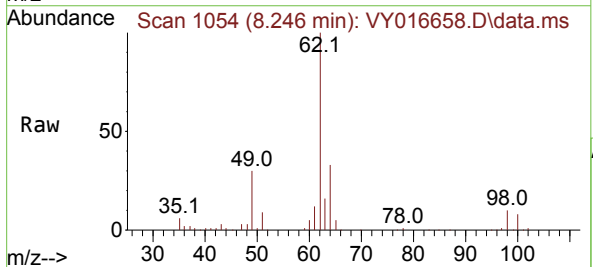
Instrument :
MSVOA_Y
ClientSampleId :

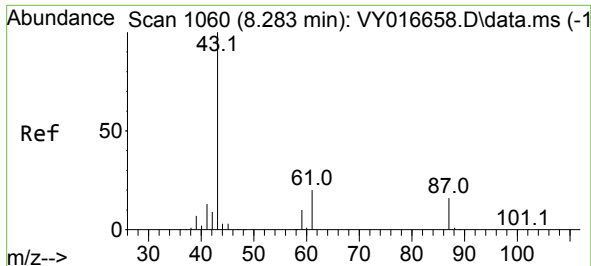
Tgt Ion: 41 Resp: 88543
Ion Ratio Lower Upper
41 100
39 49.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 46.858 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 62 Resp: 115749
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 49.681 ug/l

RT: 8.283 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

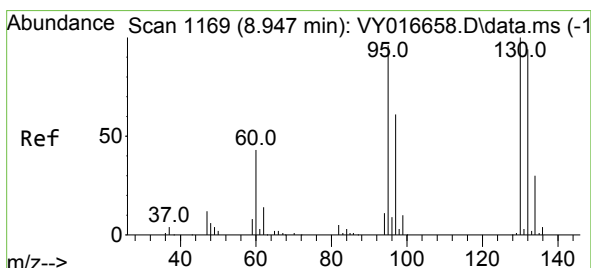
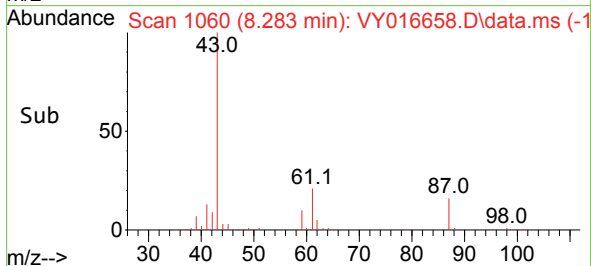
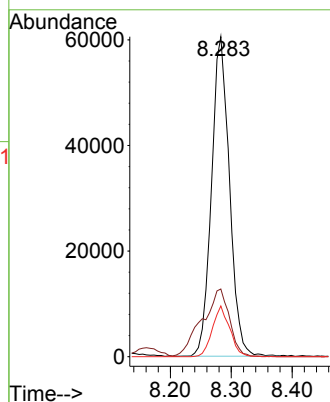
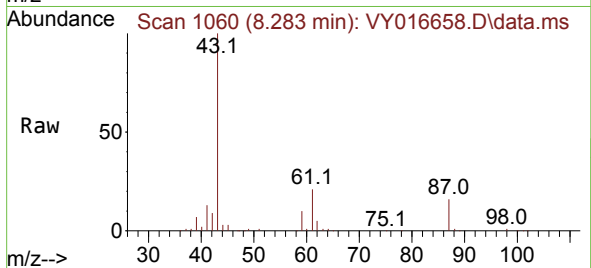
Tgt Ion: 43 Resp: 124082

Ion Ratio Lower Upper

43 100

61 32.1 21.1 31.7#

87 15.4 9.8 14.8#



#44

Trichloroethene

Concen: 43.794 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VY016658.D

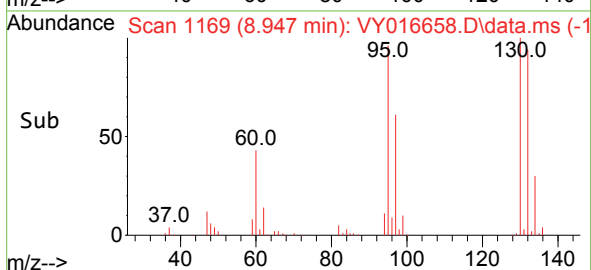
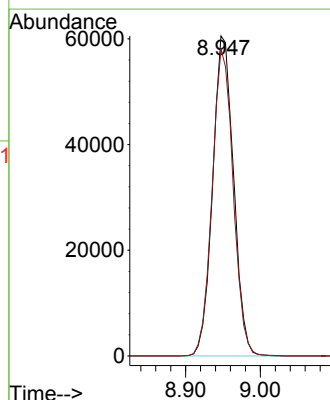
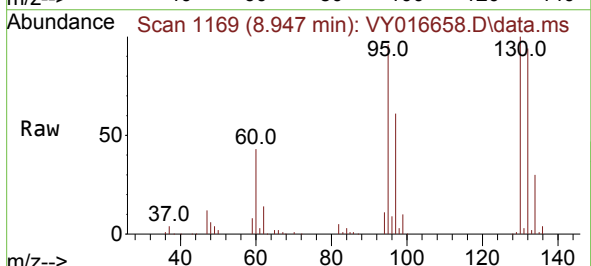
Acq: 15 Dec 2023 17:37

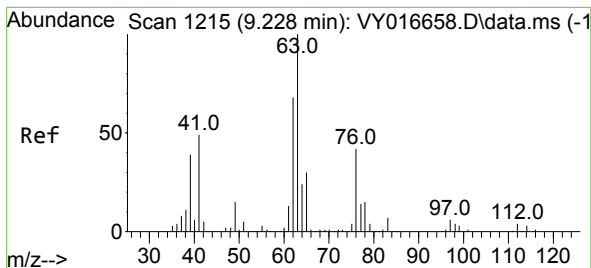
Tgt Ion:130 Resp: 117882

Ion Ratio Lower Upper

130 100

95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 46.480 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

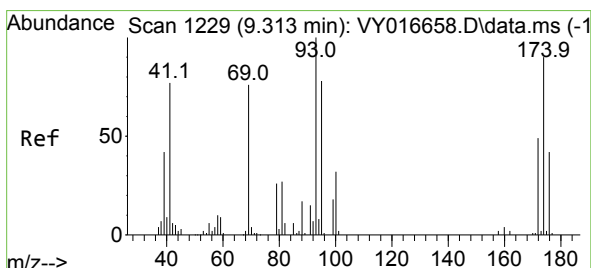
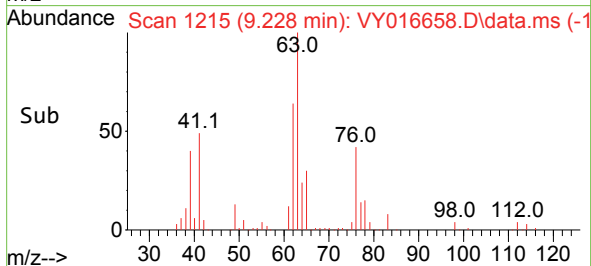
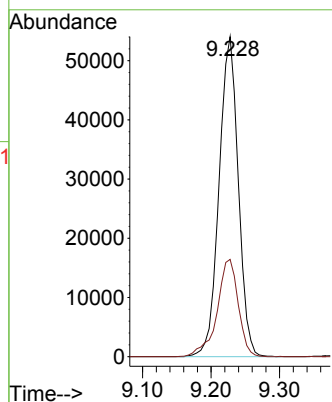
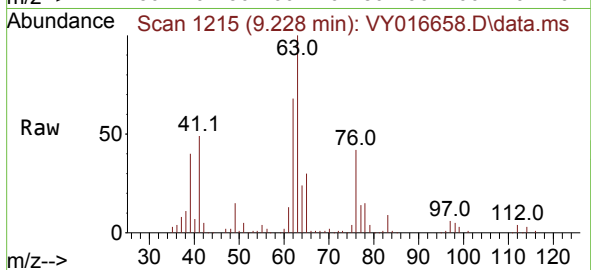
ClientSampleId :

Tgt Ion: 63 Resp: 104949

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 48.357 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

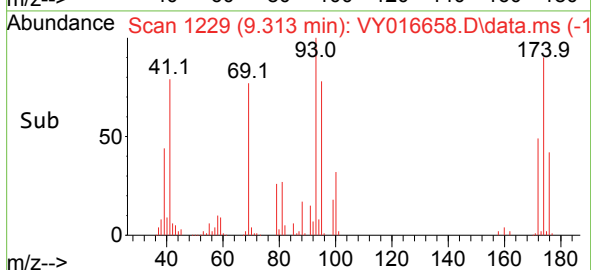
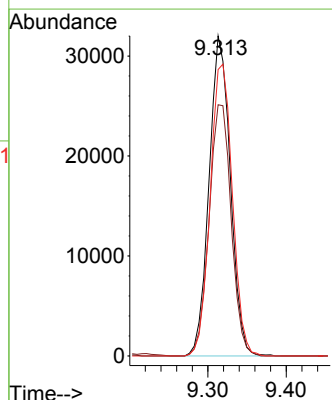
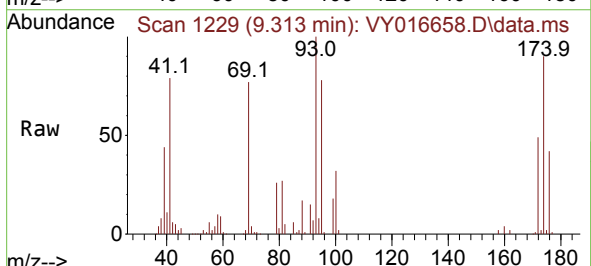
Tgt Ion: 93 Resp: 60383

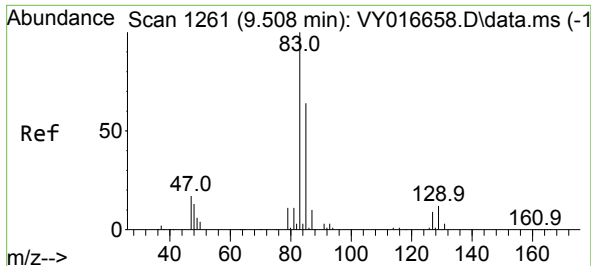
Ion Ratio Lower Upper

93 100

95 81.4 66.6 100.0

174 95.1 84.8 127.2

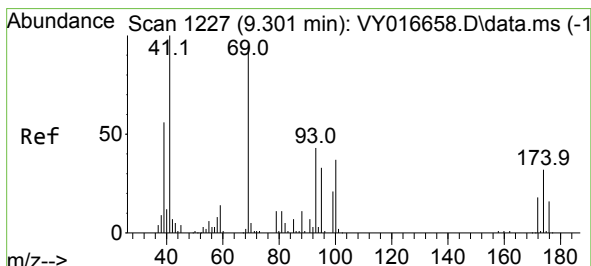
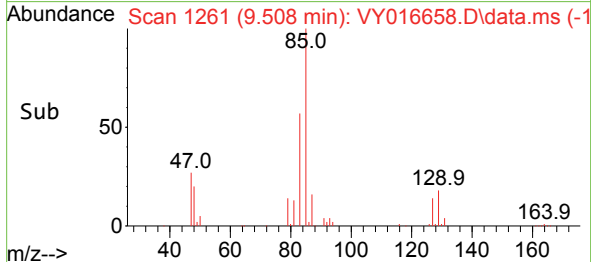
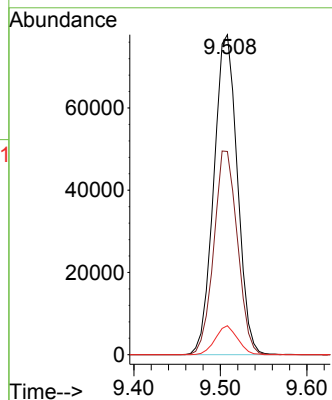
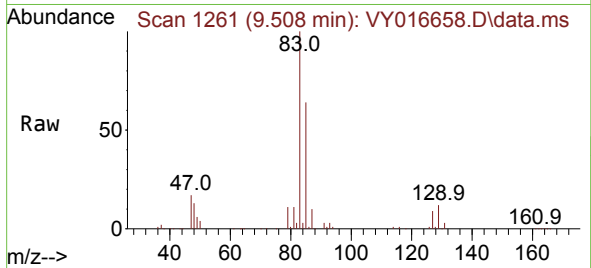




#47
Bromodichloromethane
Concen: 46.635 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

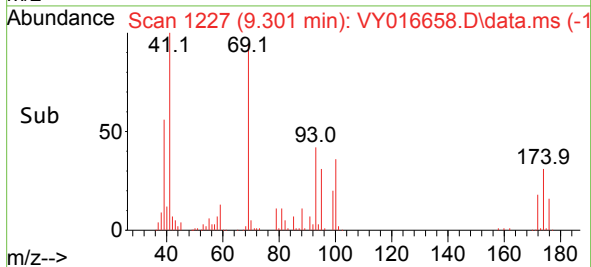
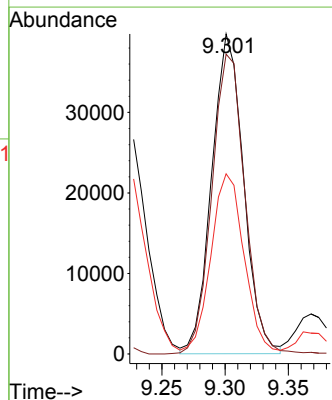
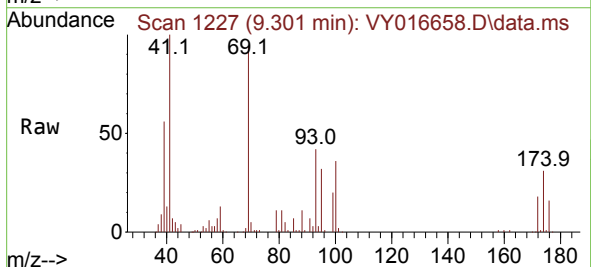
Instrument :
MSVOA_Y
ClientSampleId :

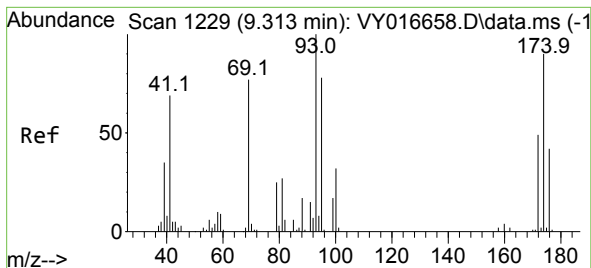
Tgt Ion: 83 Resp: 147135
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 50.334 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 41 Resp: 69613
Ion Ratio Lower Upper
41 100
69 97.0 64.5 96.7#
39 56.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1001.641 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

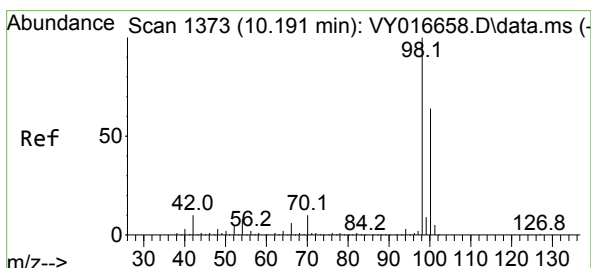
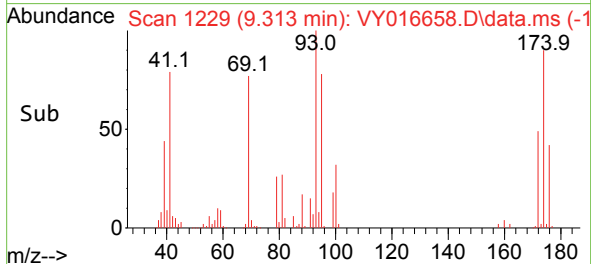
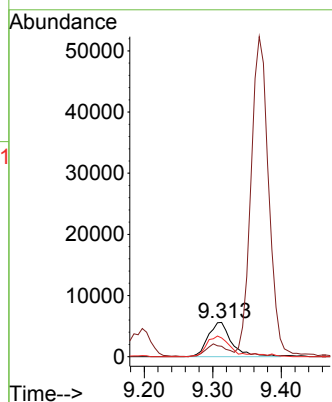
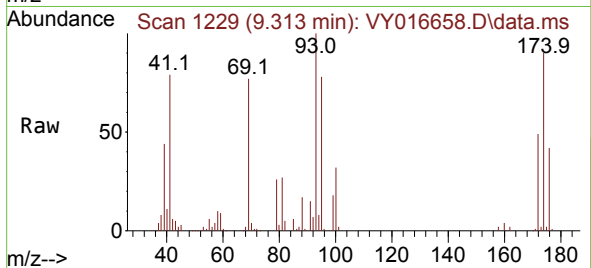
Tgt Ion: 88 Resp: 13398

Ion Ratio Lower Upper

88 100

43 32.5 0.0 0.0#

58 59.2 30.9 46.3#



#50

Toluene-d8

Concen: 53.560 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016658.D

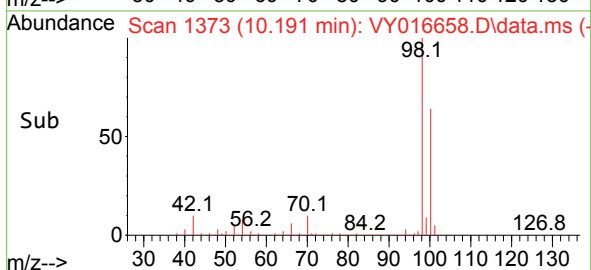
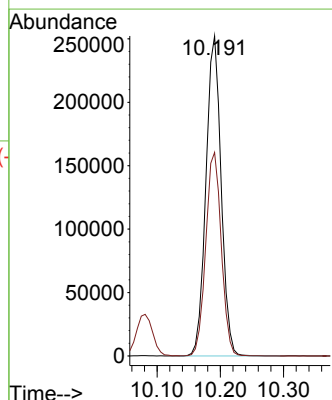
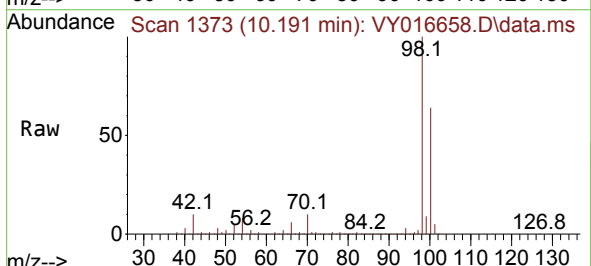
Acq: 15 Dec 2023 17:37

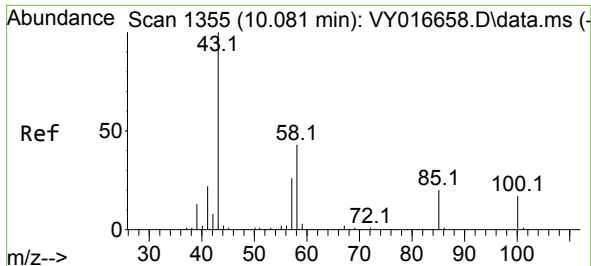
Tgt Ion: 98 Resp: 421645

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1

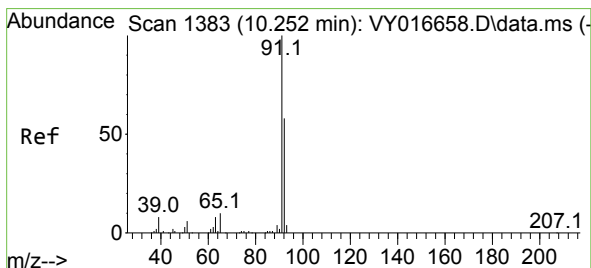
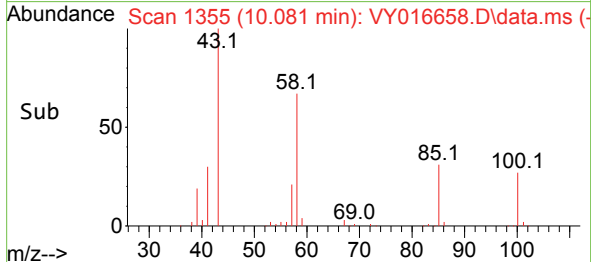
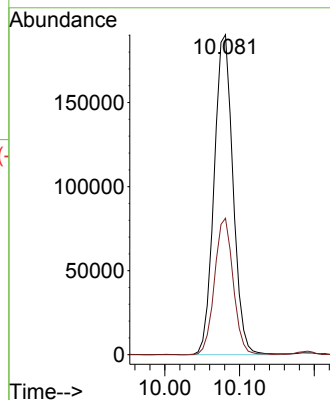
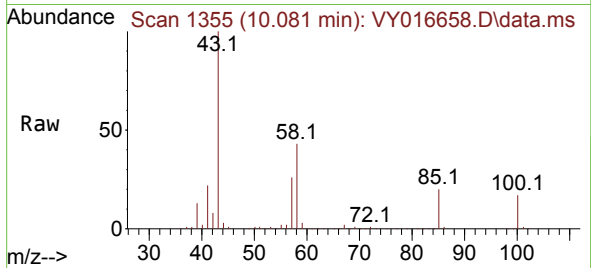




#51
4-Methyl-2-Pentanone
Concen: 255.088 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

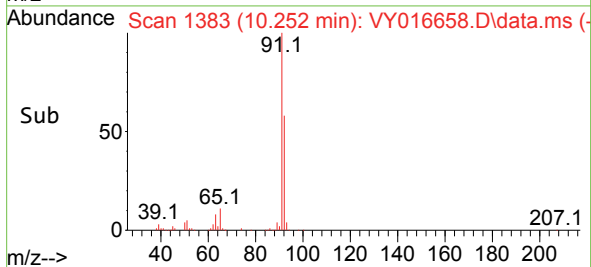
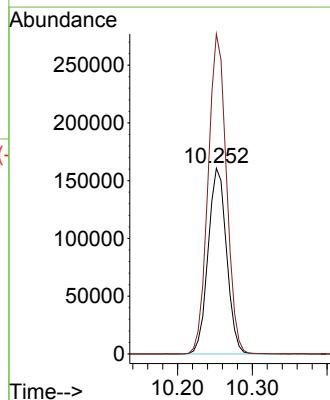
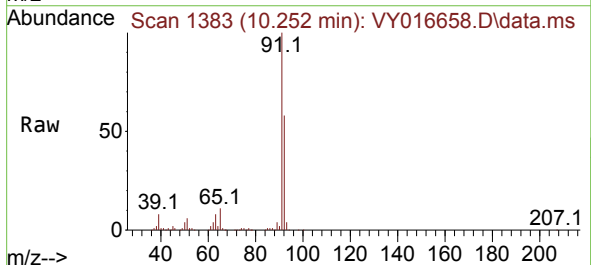
Instrument :
MSVOA_Y
ClientSampleId :

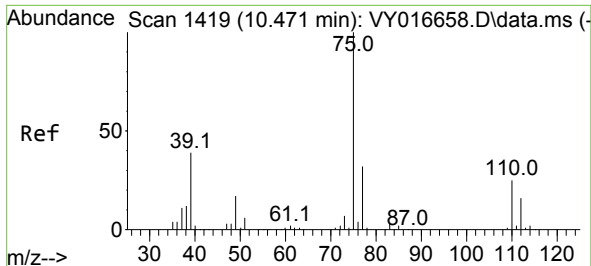
Tgt Ion: 43 Resp: 334141
Ion Ratio Lower Upper
43 100
58 42.1 29.0 43.6



#52
Toluene
Concen: 45.519 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 92 Resp: 275577
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6

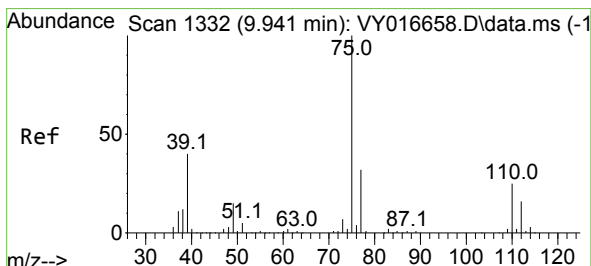
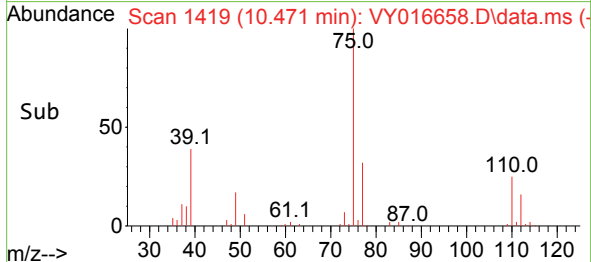
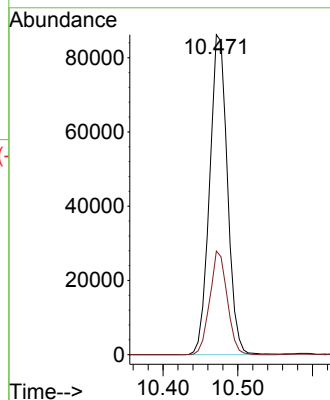
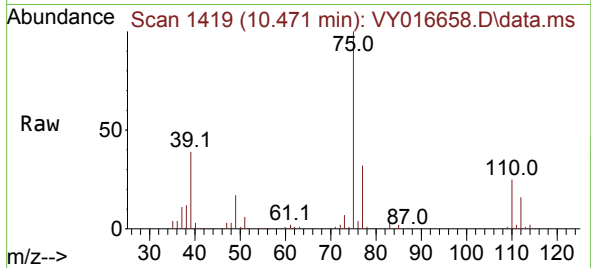




#53
 t-1,3-Dichloropropene
 Concen: 47.874 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

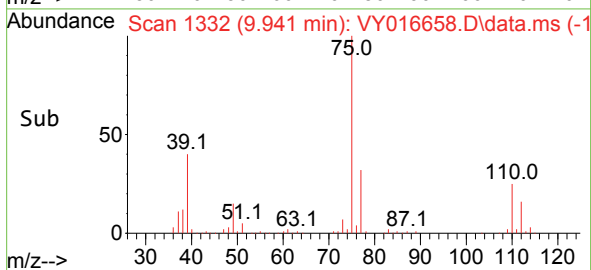
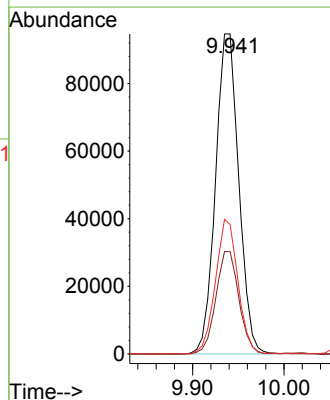
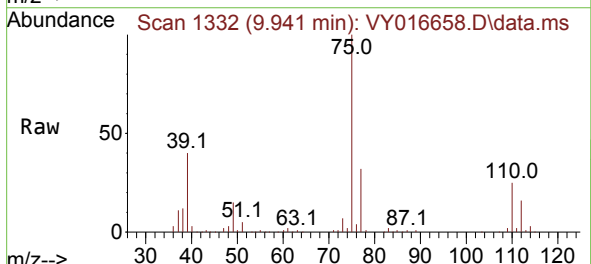
Instrument :
 MSVOA_Y
 ClientSampleId :

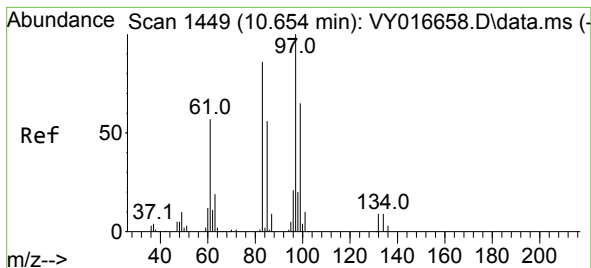
Tgt Ion: 75 Resp: 142489
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 46.756 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

Tgt Ion: 75 Resp: 167318
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.2 36.4
 39 40.4 42.2 63.4#

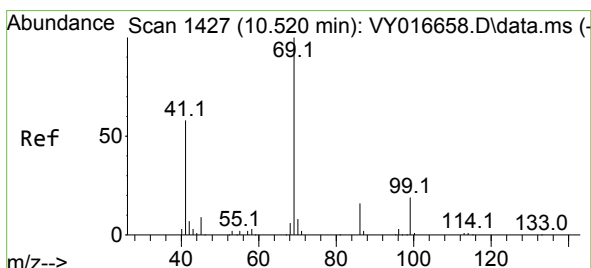
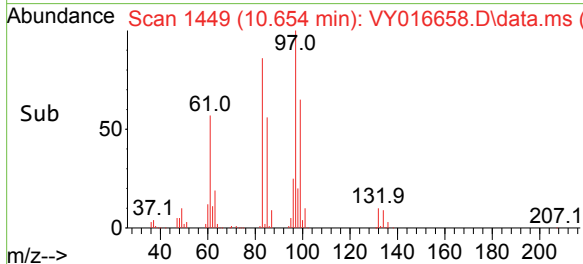
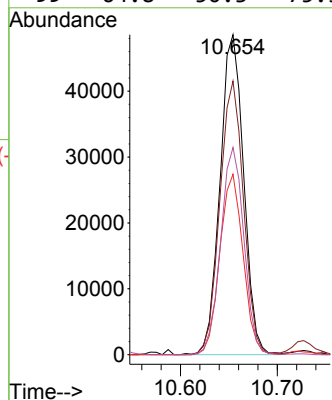
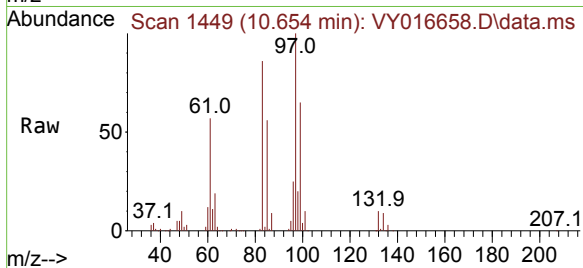




#55
1,1,2-Trichloroethane
Concen: 46.902 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

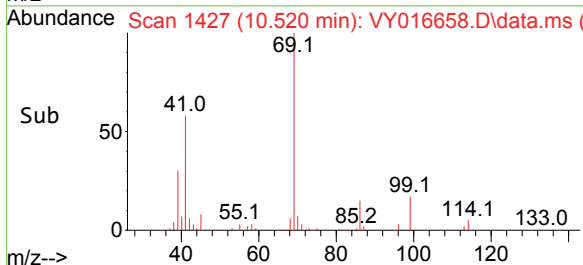
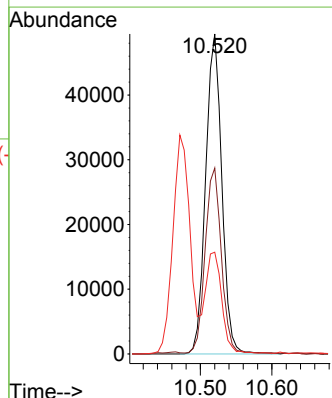
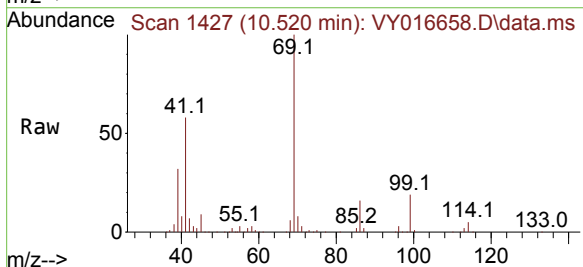
Instrument :
MSVOA_Y
ClientSampleId :

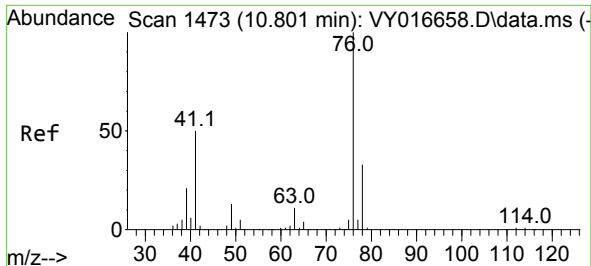
Tgt Ion: 97	Resp: 82290
Ion Ratio	Lower Upper
97 100	
83 85.5	72.0 108.0
85 56.4	45.4 68.0
99 64.8	50.3 75.5



#56
Ethyl methacrylate
Concen: 51.026 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 69	Resp: 77621
Ion Ratio	Lower Upper
69 100	
41 58.0	57.6 86.4
39 32.9	34.1 51.1#





#57

1,3-Dichloropropane

Concen: 47.989 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

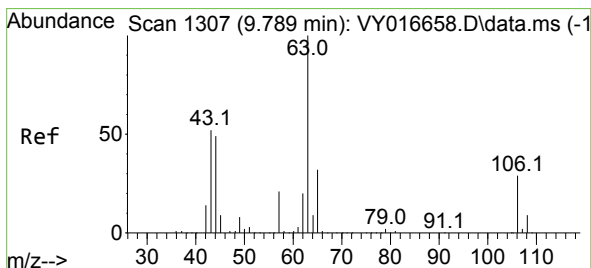
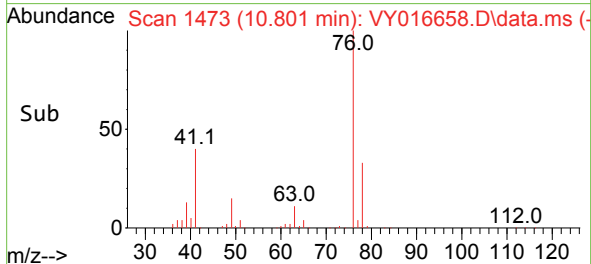
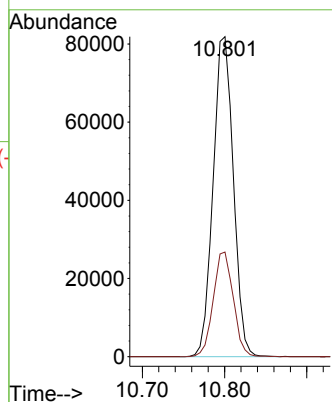
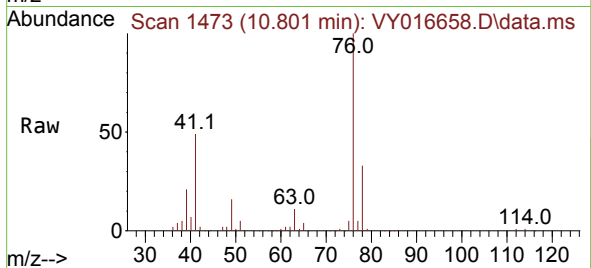
ClientSampleId :

Tgt Ion: 76 Resp: 140128

Ion Ratio Lower Upper

76 100

78 32.3 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 263.643 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016658.D

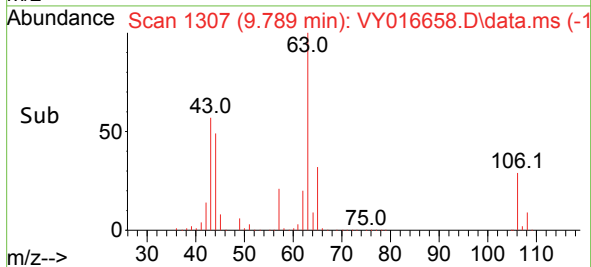
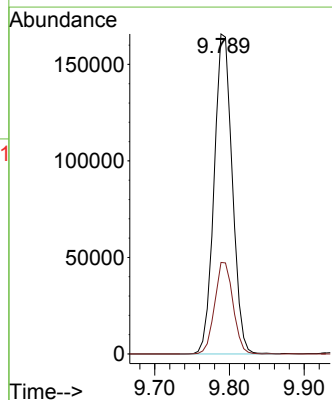
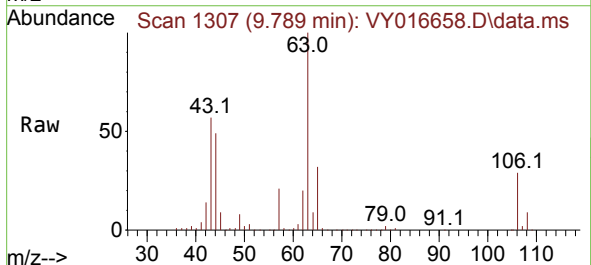
Acq: 15 Dec 2023 17:37

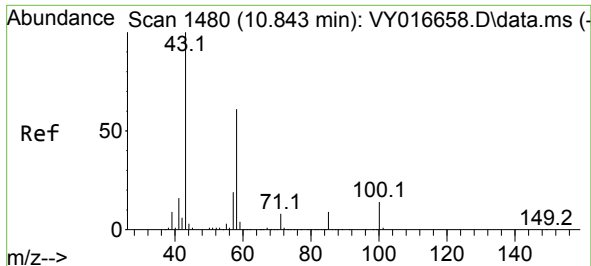
Tgt Ion: 63 Resp: 279500

Ion Ratio Lower Upper

63 100

106 28.9 21.2 31.8

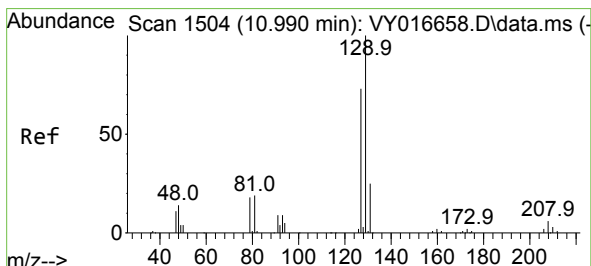
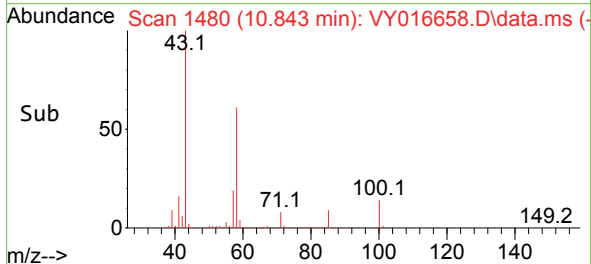
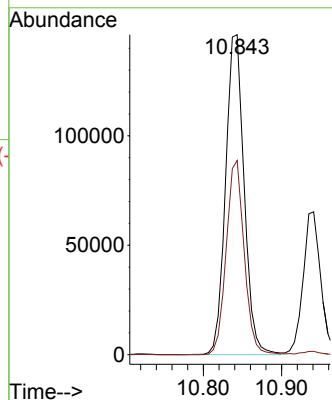
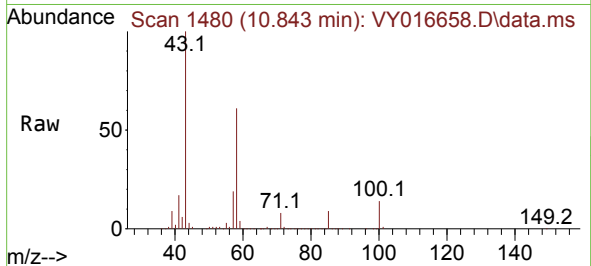




#59
2-Hexanone
Concen: 224.114 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

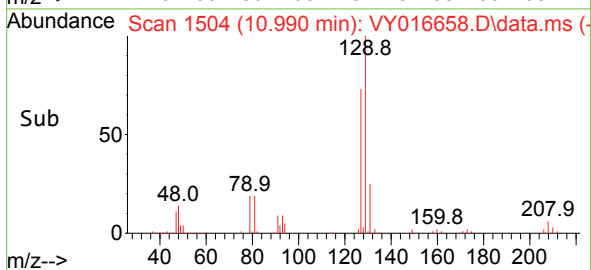
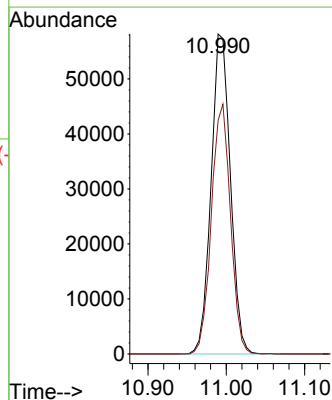
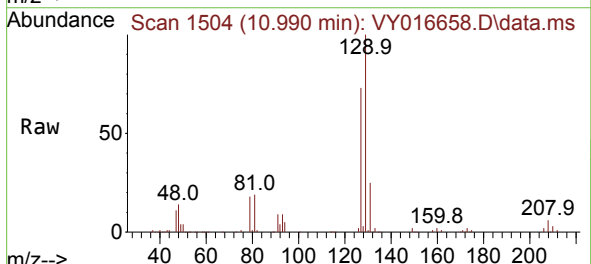
Instrument :
MSVOA_Y
ClientSampleId :

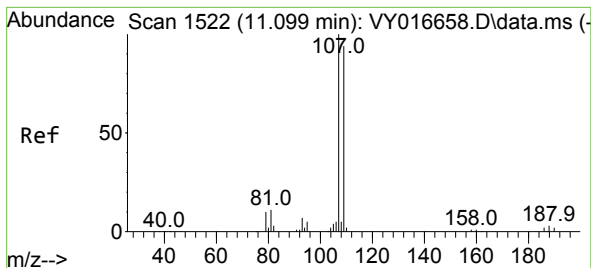
Tgt Ion: 43 Resp: 240844
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3



#60
Dibromochloromethane
Concen: 46.764 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion:129 Resp: 99436
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

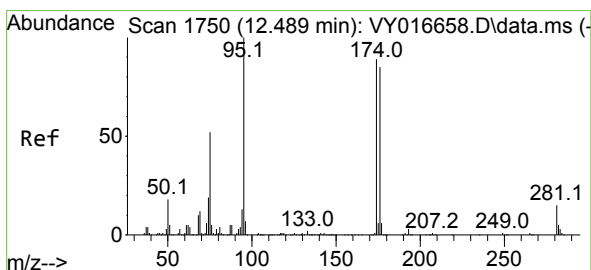
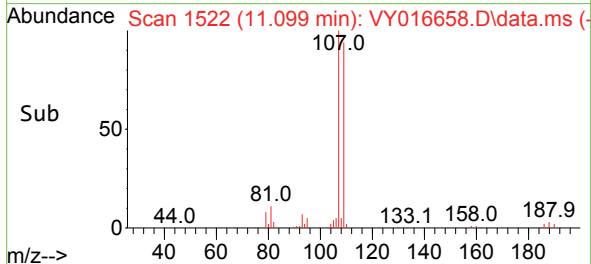
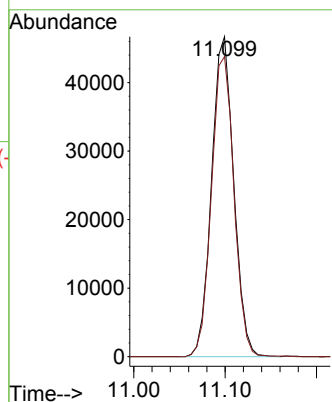
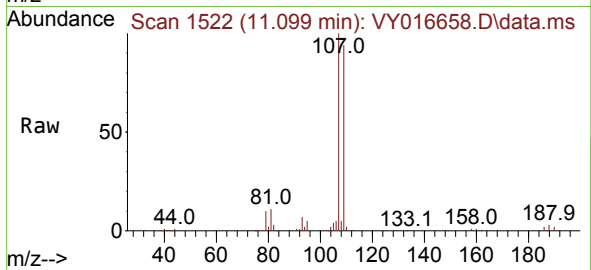




#61
1,2-Dibromoethane
Concen: 47.692 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

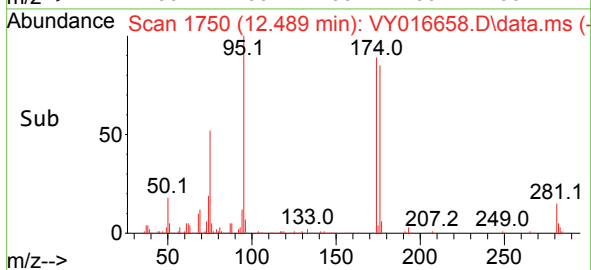
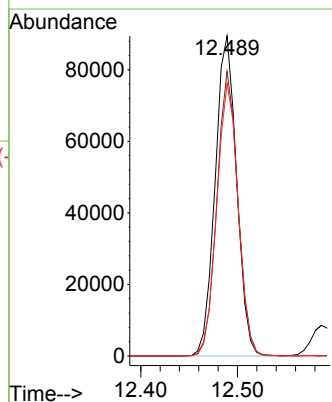
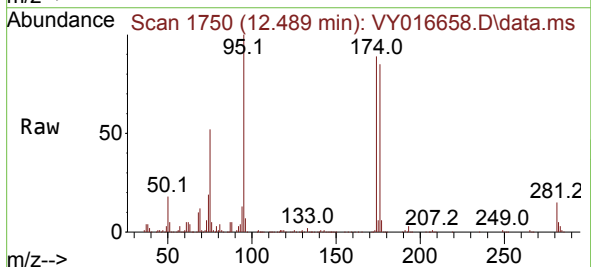
Instrument :
MSVOA_Y
ClientSampleId :

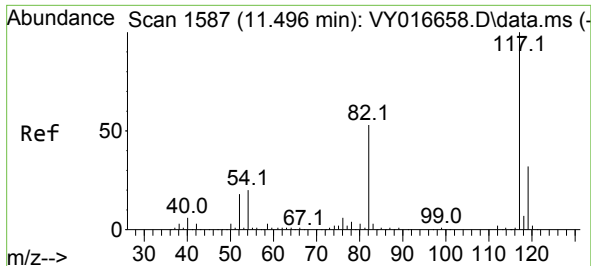
Tgt Ion:107 Resp: 78535
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.929 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 95 Resp: 137602
Ion Ratio Lower Upper
95 100
174 87.0 0.0 178.2
176 84.7 0.0 173.8

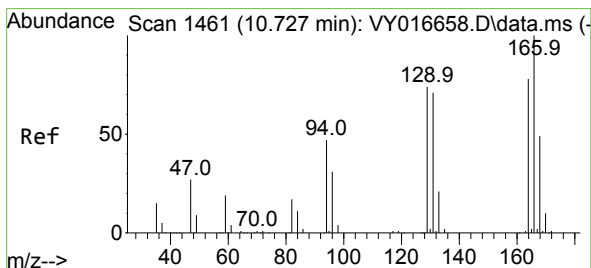
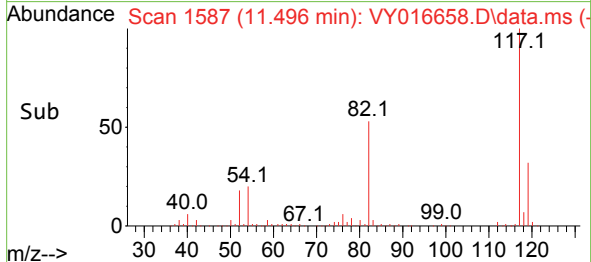
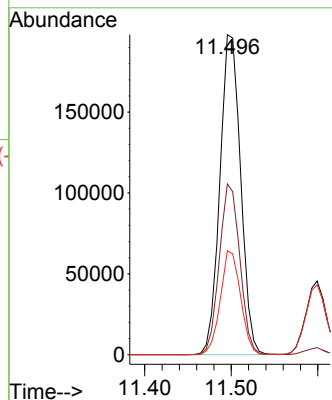
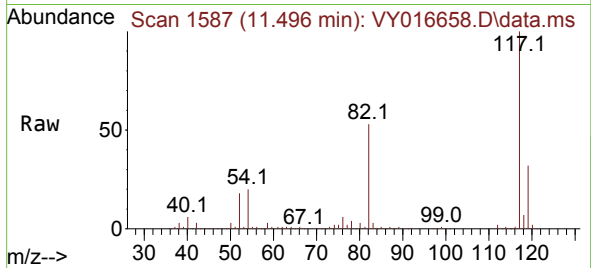




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

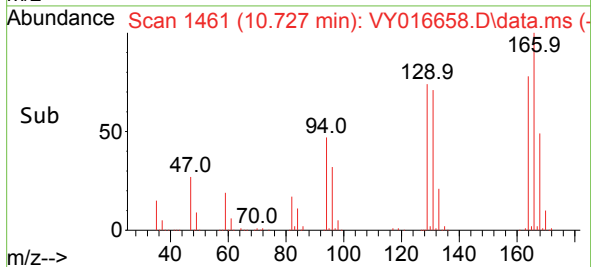
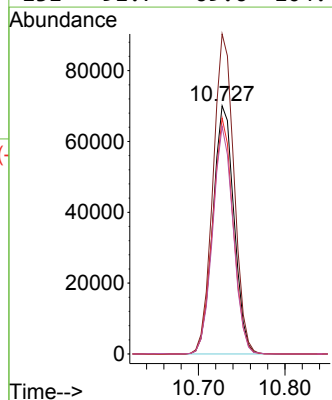
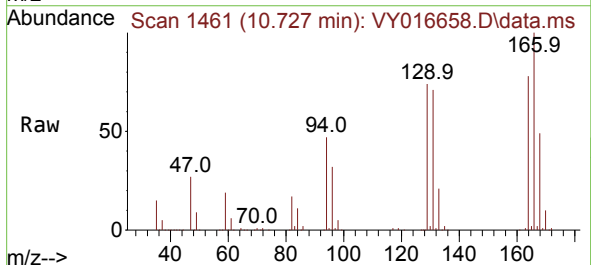
Instrument :
MSVOA_Y
ClientSampleId :

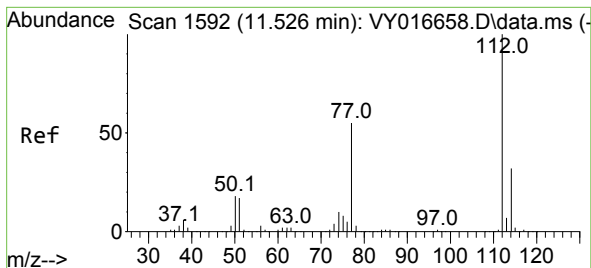
Tgt Ion:117 Resp: 329476
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 43.893 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion:164 Resp: 118479
Ion Ratio Lower Upper
164 100
166 129.0 103.0 154.6
129 95.1 77.2 115.8
131 91.7 69.6 104.4

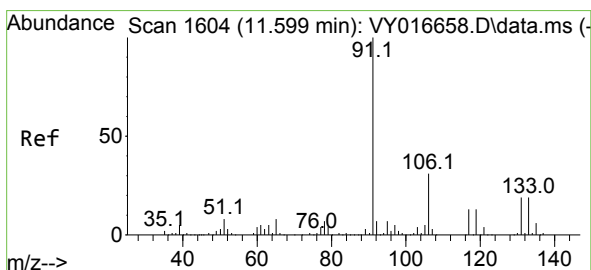
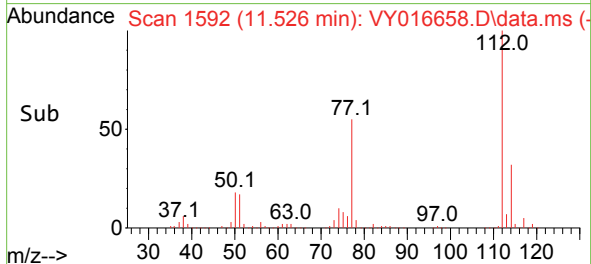
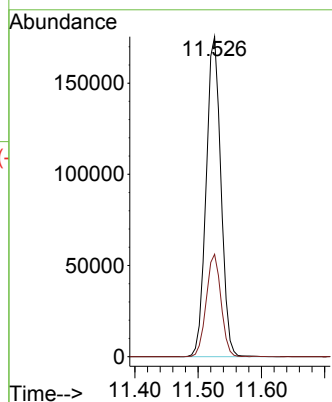
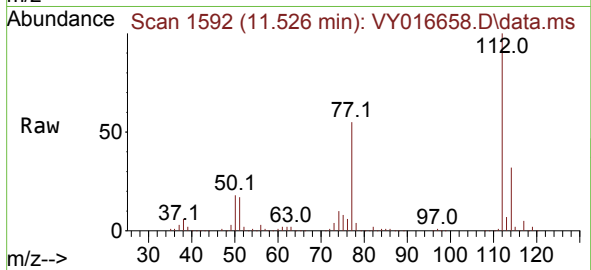




#65
Chlorobenzene
Concen: 44.313 ug/l
RT: 11.526 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

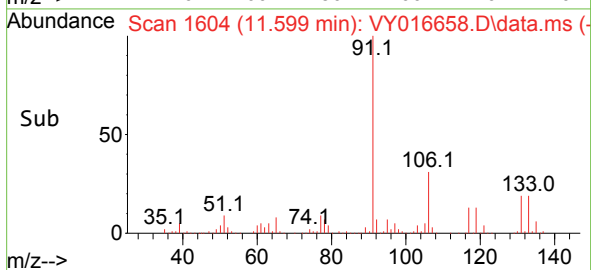
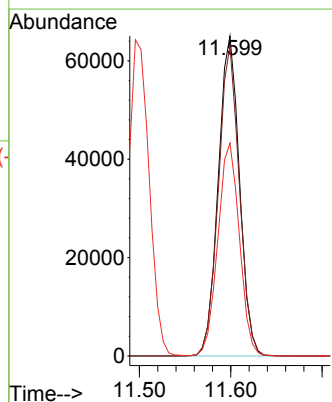
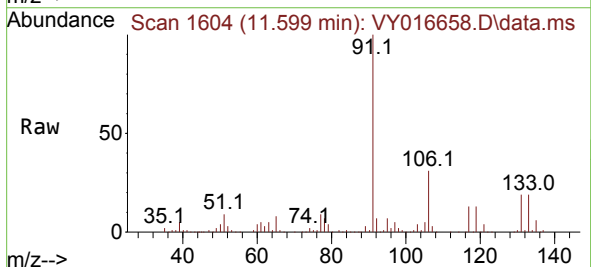
Instrument :
MSVOA_Y
ClientSampleId :

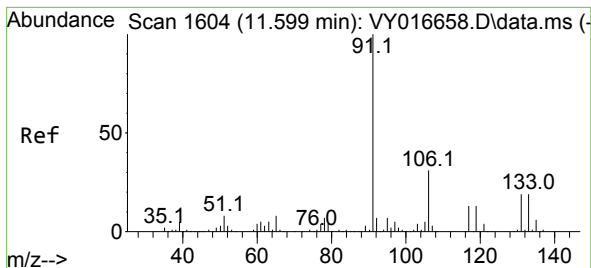
Tgt Ion:112 Resp: 284775
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 44.574 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion:131 Resp: 104763
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 67.8 31.6 94.7





#67

Ethyl Benzene

Concen: 44.606 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

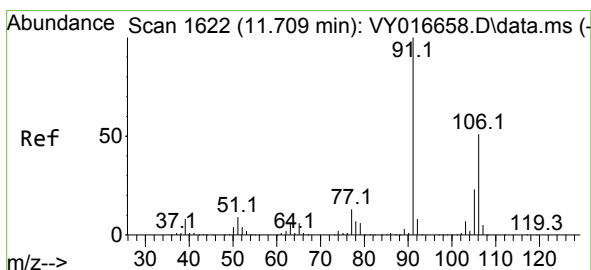
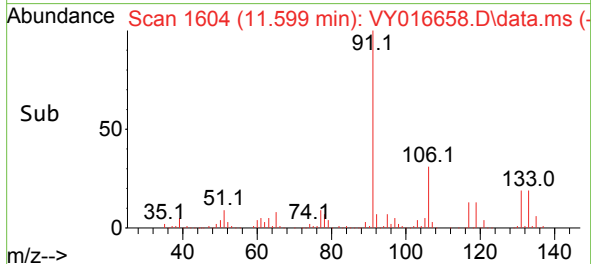
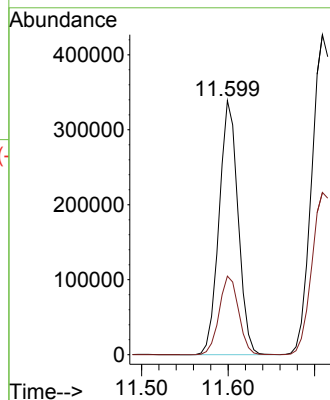
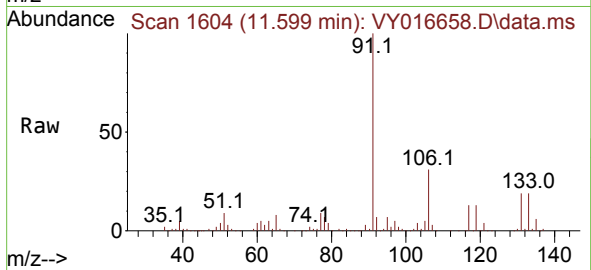
ClientSampleId :

Tgt Ion: 91 Resp: 515734

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 90.104 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016658.D

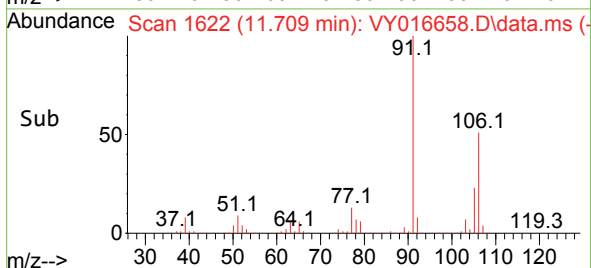
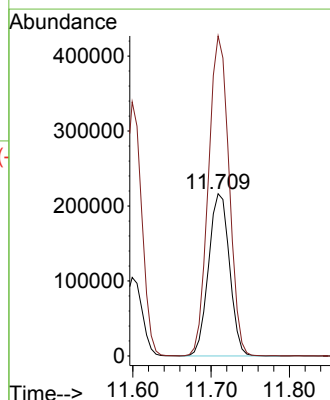
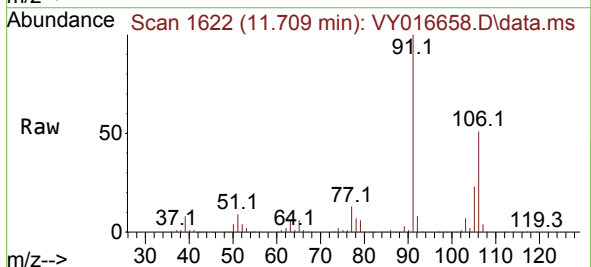
Acq: 15 Dec 2023 17:37

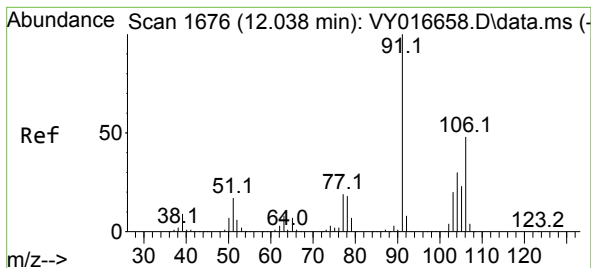
Tgt Ion:106 Resp: 401900

Ion Ratio Lower Upper

106 100

91 194.3 166.1 249.1





#69

o-Xylene

Concen: 44.971 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

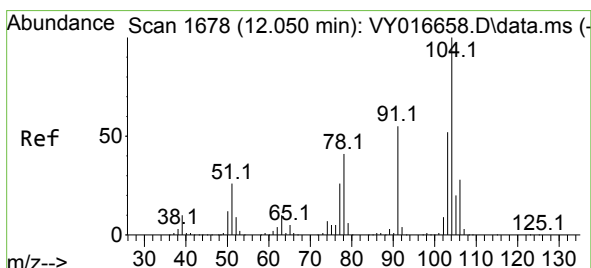
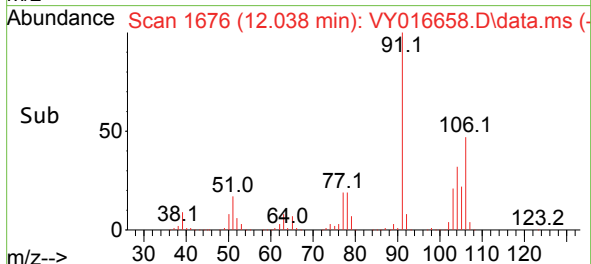
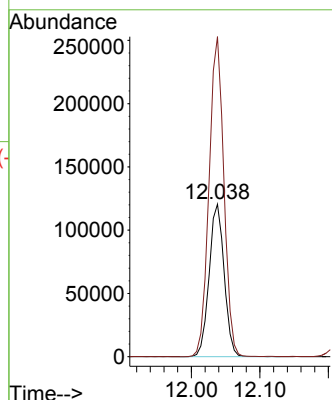
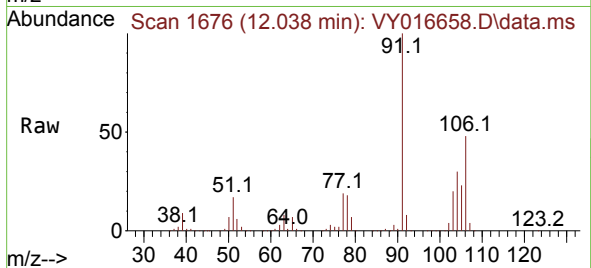
ClientSampleId :

Tgt Ion:106 Resp: 183475

Ion Ratio Lower Upper

106 100

91 207.6 108.1 324.3



#70

Styrene

Concen: 46.587 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

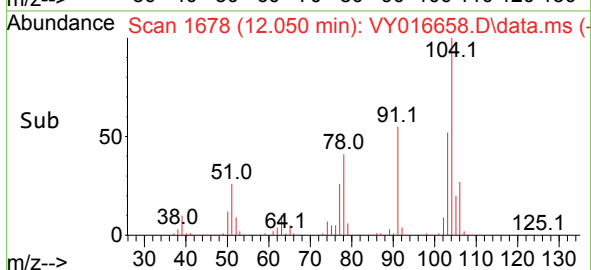
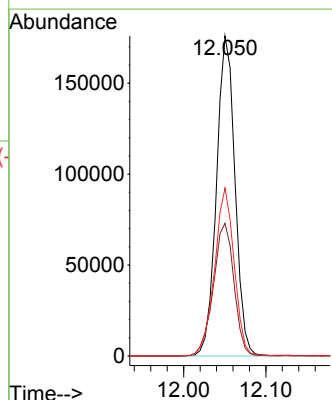
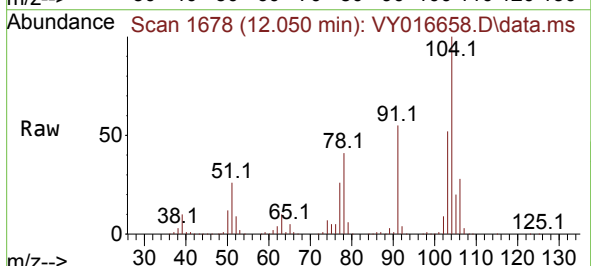
Tgt Ion:104 Resp: 275375

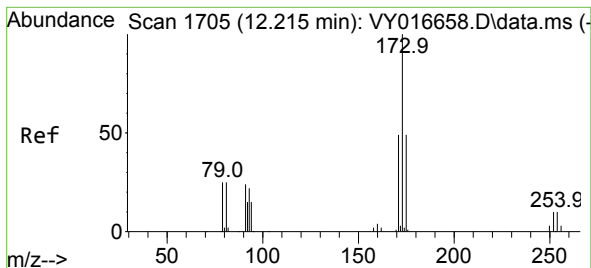
Ion Ratio Lower Upper

104 100

78 46.2 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 47.527 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

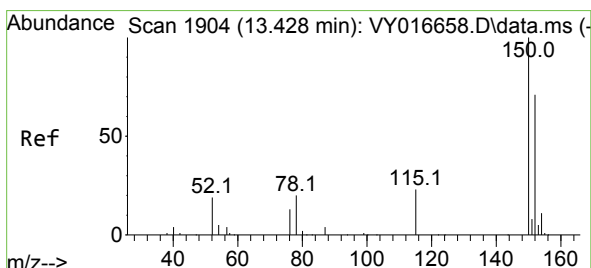
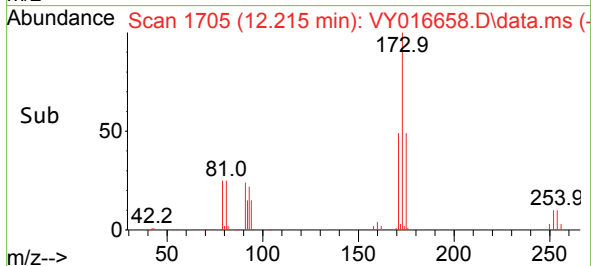
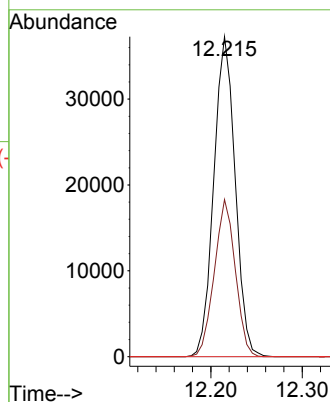
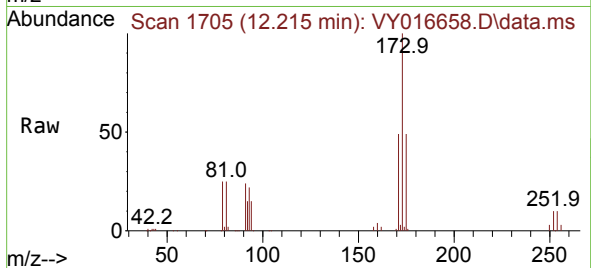
Tgt Ion:173 Resp: 60577

Ion Ratio Lower Upper

173 100

175 48.2 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. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

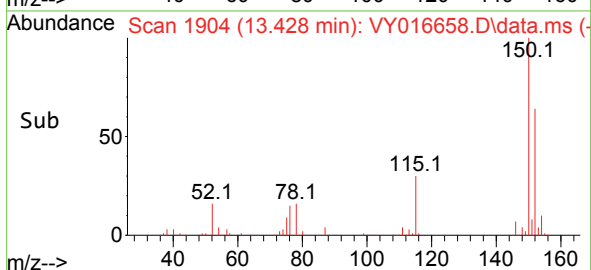
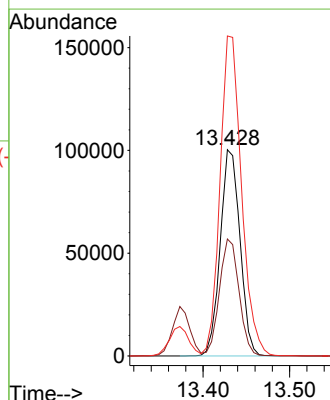
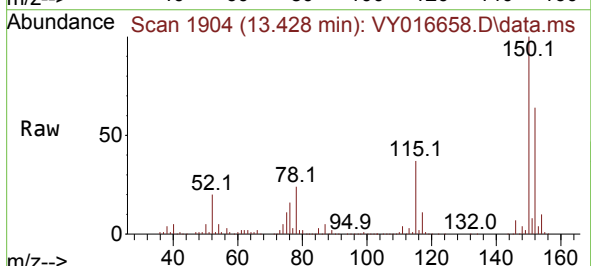
Tgt Ion:152 Resp: 159212

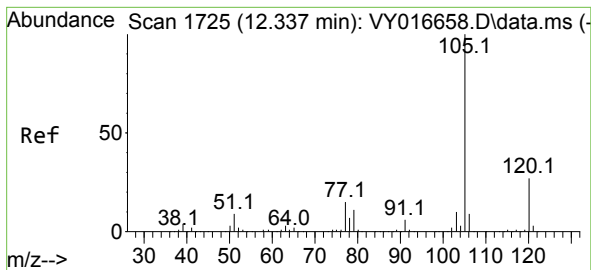
Ion Ratio Lower Upper

152 100

115 56.4 28.8 86.5

150 168.6 0.0 348.8





#73

Isopropylbenzene

Concen: 43.799 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

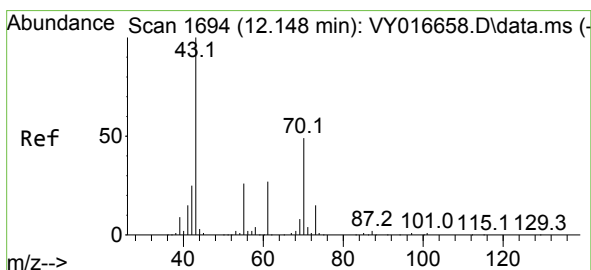
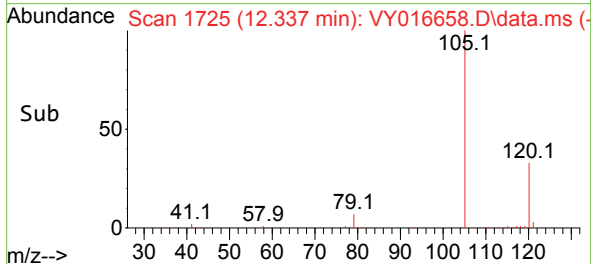
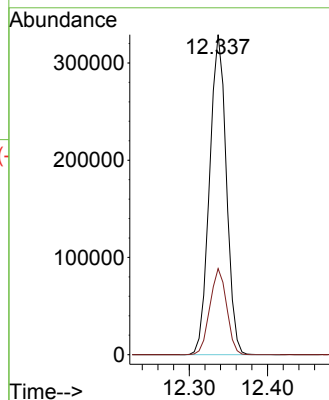
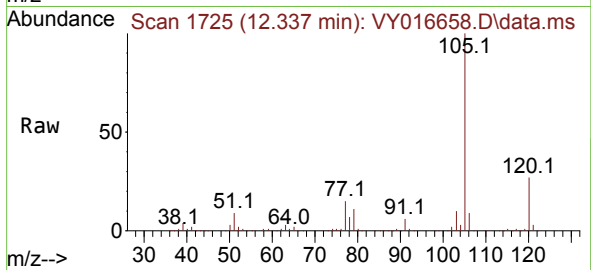
ClientSampleId :

Tgt Ion:105 Resp: 490498

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 49.204 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Tgt Ion: 43 Resp: 103280

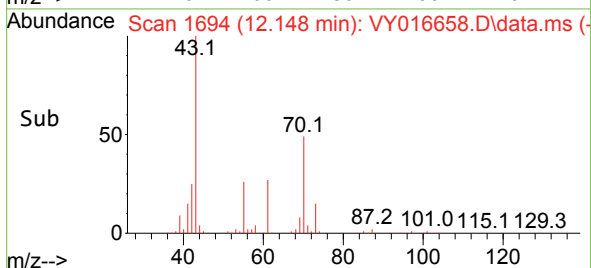
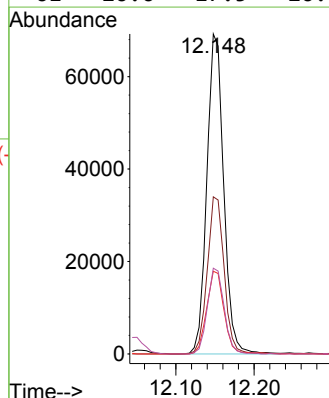
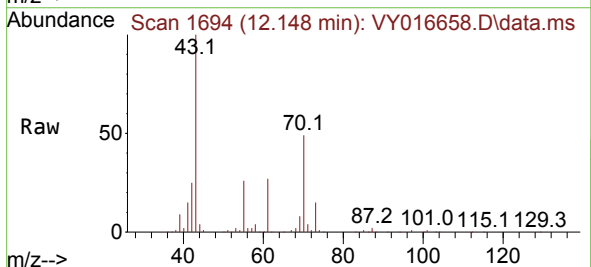
Ion Ratio Lower Upper

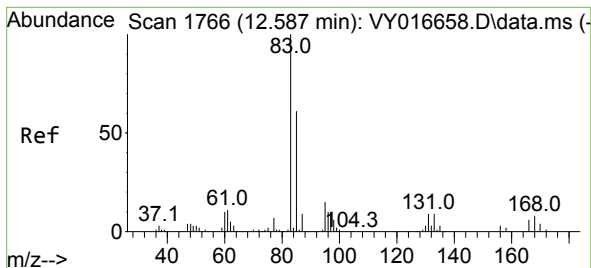
43 100

70 49.3 29.7 44.5#

55 26.8 18.3 27.5

61 26.6 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 46.076 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

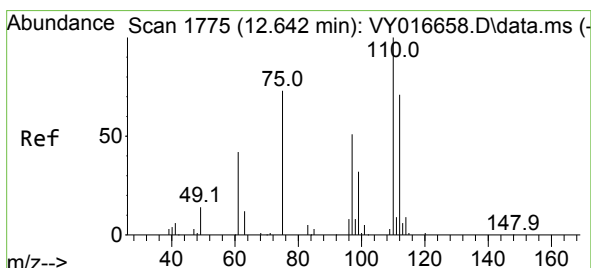
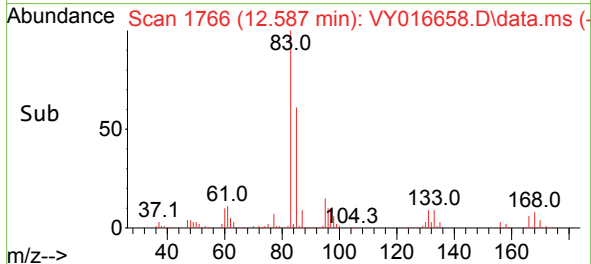
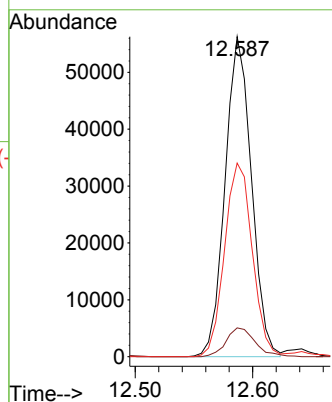
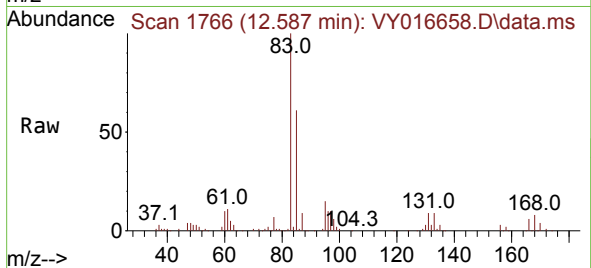
Tgt Ion: 83 Resp: 87783

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 79.396 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016658.D

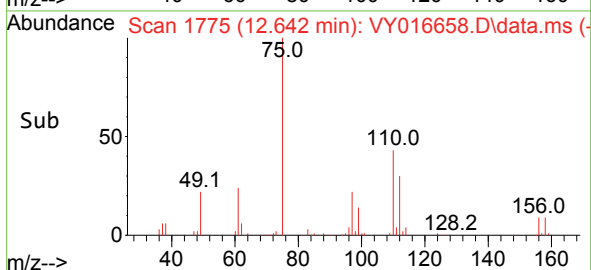
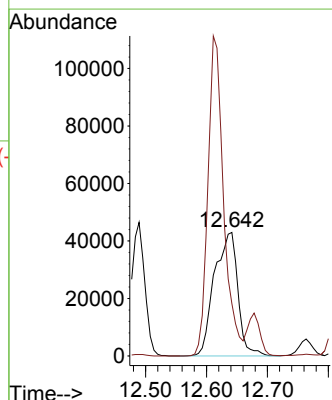
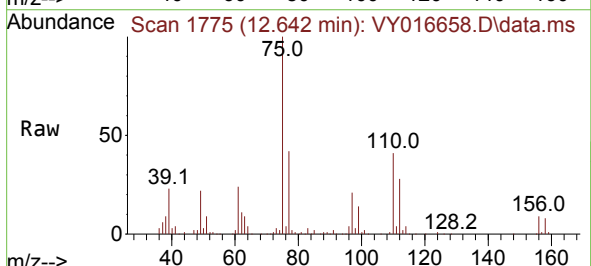
Acq: 15 Dec 2023 17:37

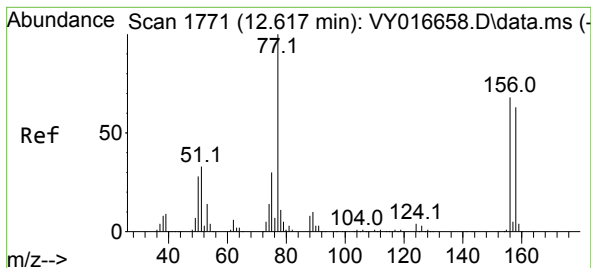
Tgt Ion: 75 Resp: 115269

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.541 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

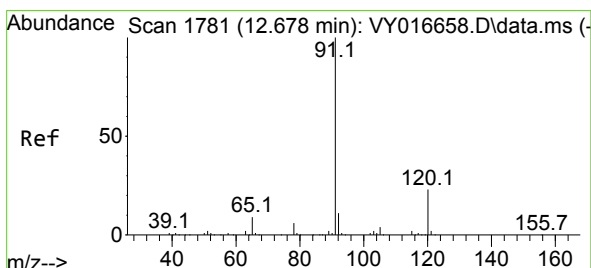
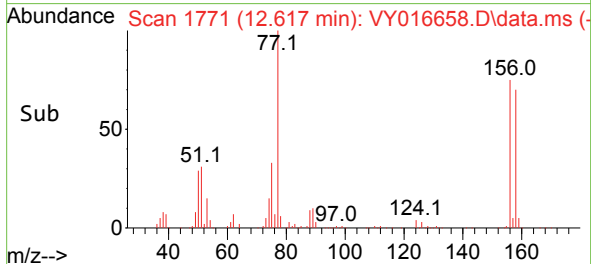
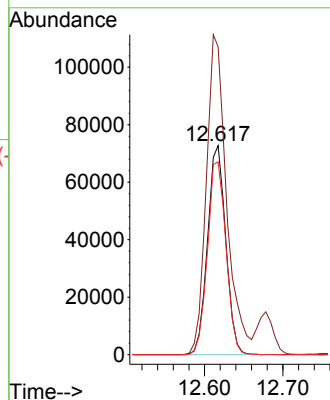
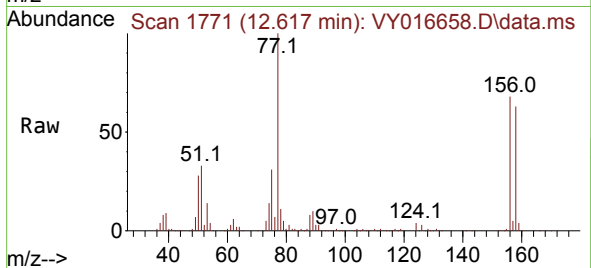
Tgt Ion:156 Resp: 116865

Ion Ratio Lower Upper

156 100

77 171.1 92.8 278.6

158 94.0 48.4 145.3



#78

n-propylbenzene

Concen: 43.833 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016658.D

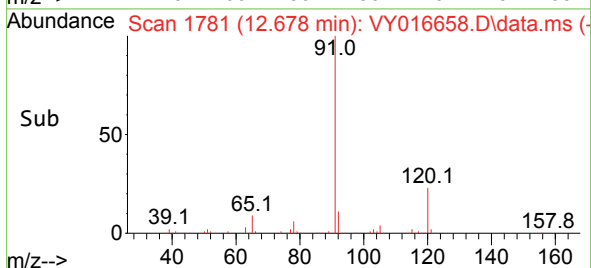
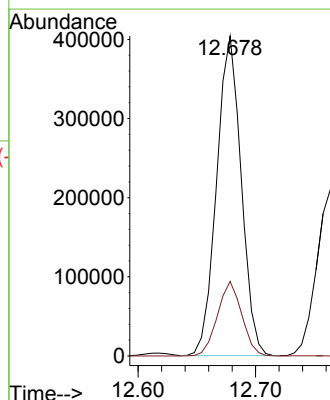
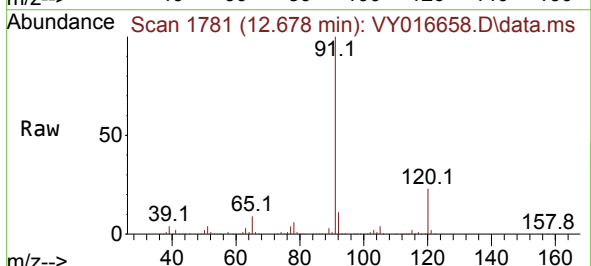
Acq: 15 Dec 2023 17:37

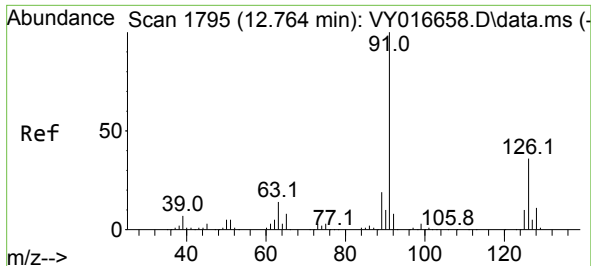
Tgt Ion: 91 Resp: 586725

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

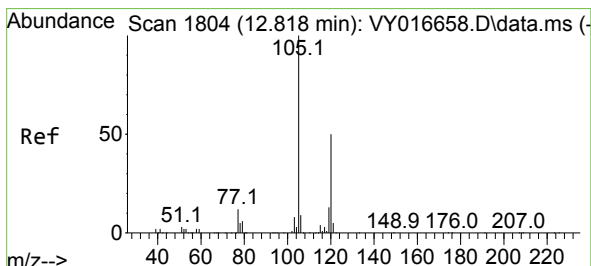
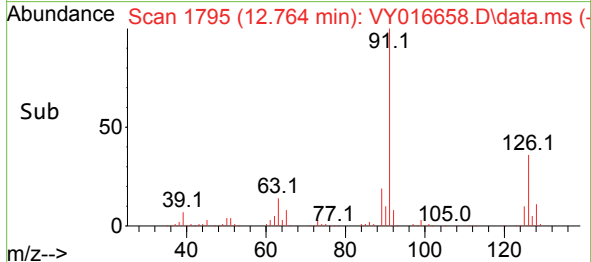
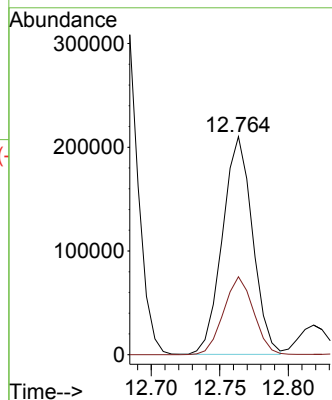
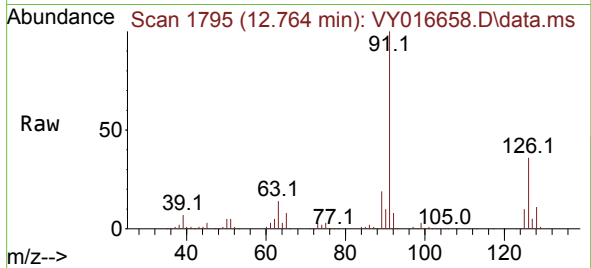




#79
2-Chlorotoluene
Concen: 43.742 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

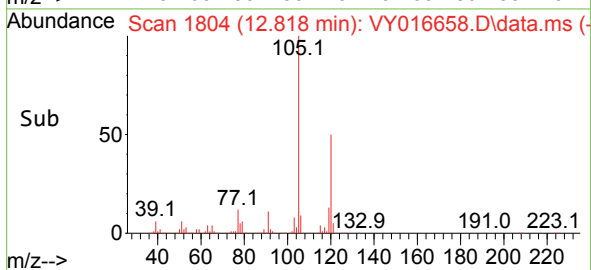
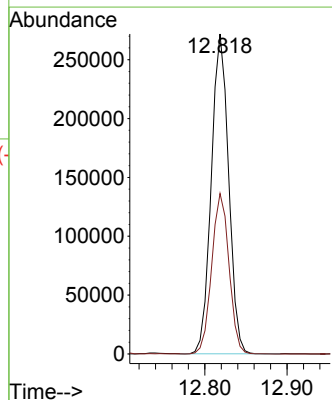
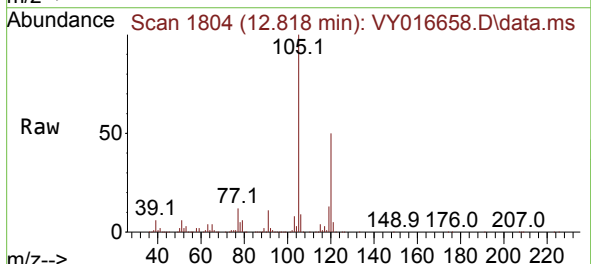
Instrument :
MSVOA_Y
ClientSampleId :

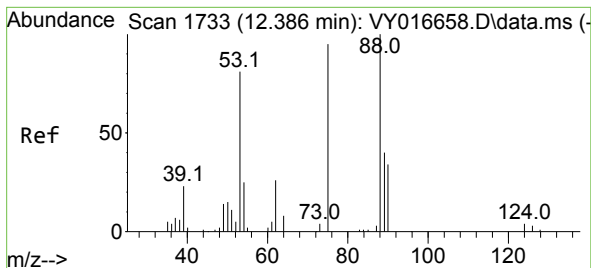
Tgt Ion: 91 Resp: 321520
Ion Ratio Lower Upper
91 100
126 35.7 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 44.358 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 105 Resp: 397196
Ion Ratio Lower Upper
105 100
120 50.2 23.9 71.7

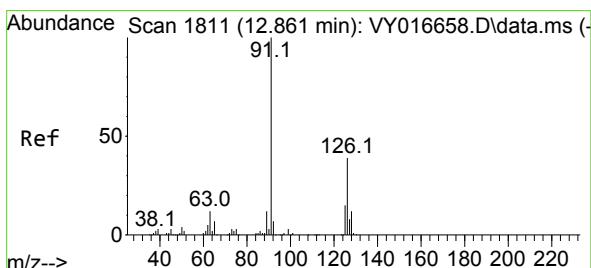
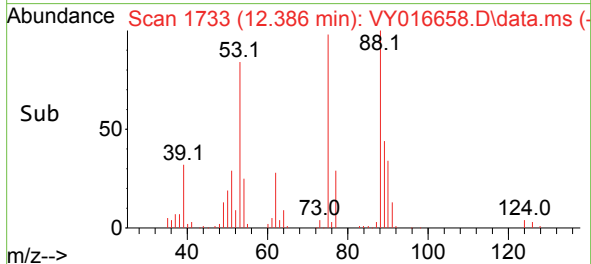
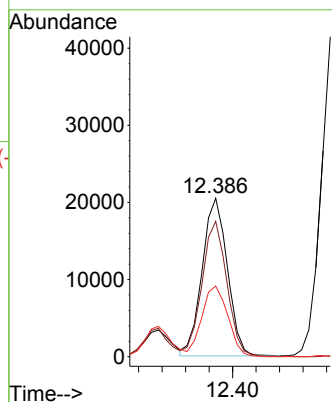
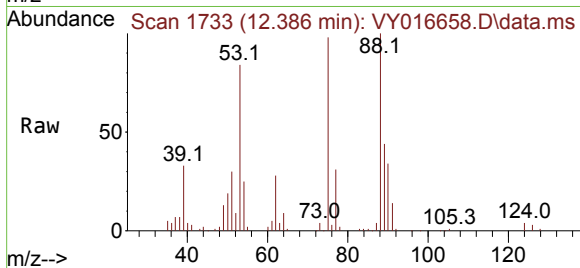




#81
trans-1,4-Dichloro-2-butene
Concen: 47.824 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

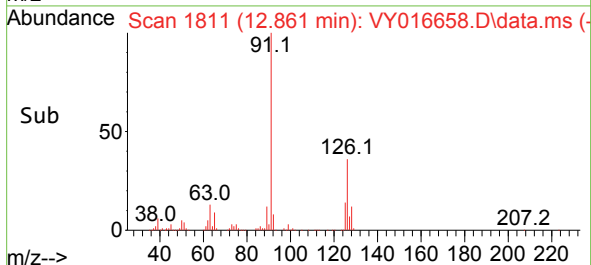
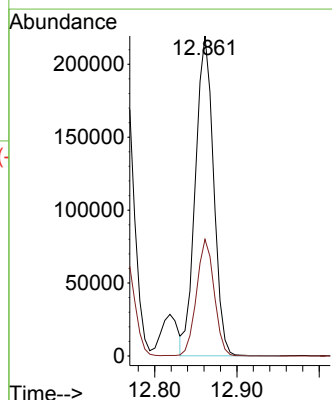
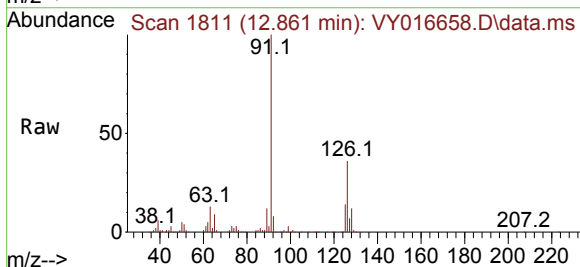
Instrument :
MSVOA_Y
ClientSampleId :

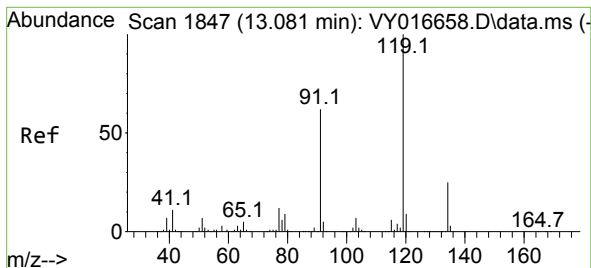
Tgt Ion: 75 Resp: 30520
Ion Ratio Lower Upper
75 100
53 85.2 77.8 116.8
89 46.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 44.121 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion: 91 Resp: 335365
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 44.253 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

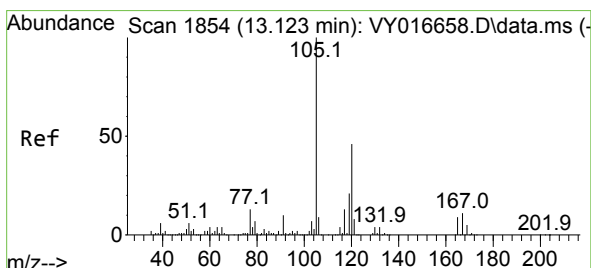
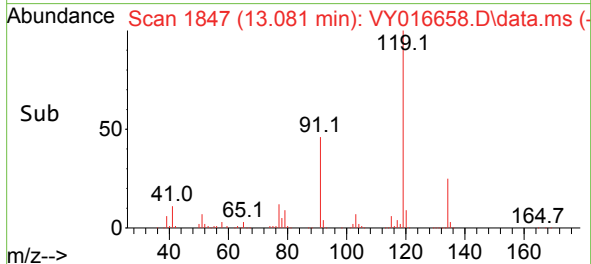
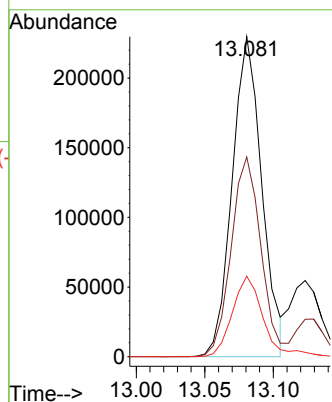
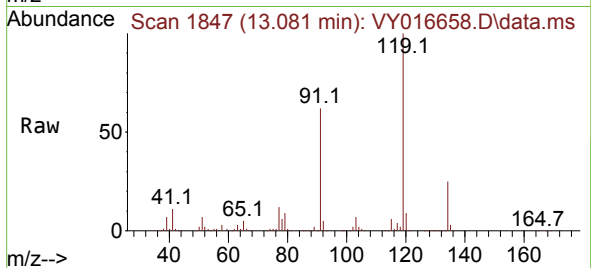
Tgt Ion:119 Resp: 345770

Ion Ratio Lower Upper

119 100

91 62.2 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 44.772 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY016658.D

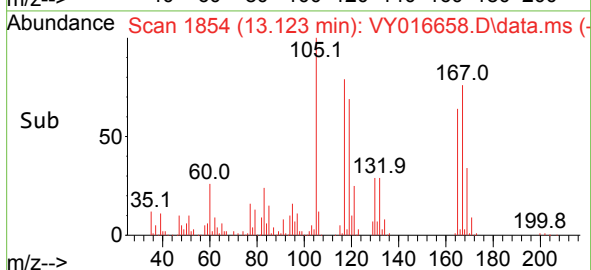
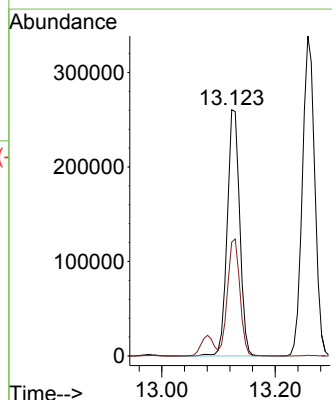
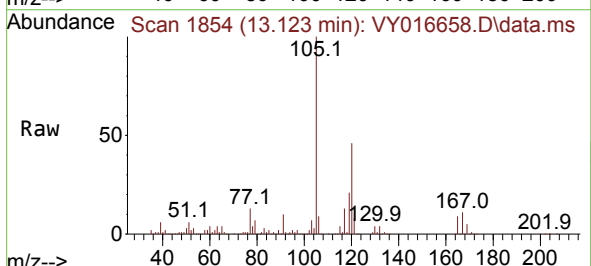
Acq: 15 Dec 2023 17:37

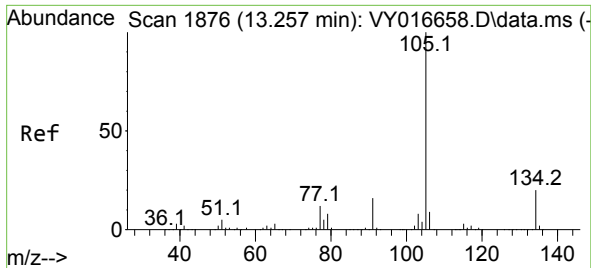
Tgt Ion:105 Resp: 397610

Ion Ratio Lower Upper

105 100

120 47.2 22.2 66.6

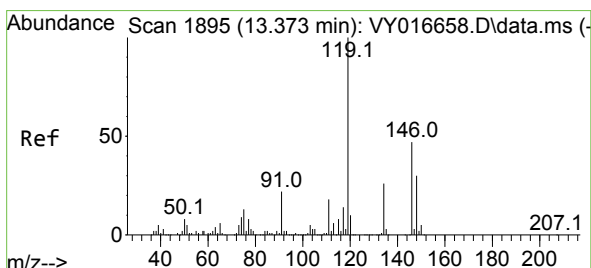
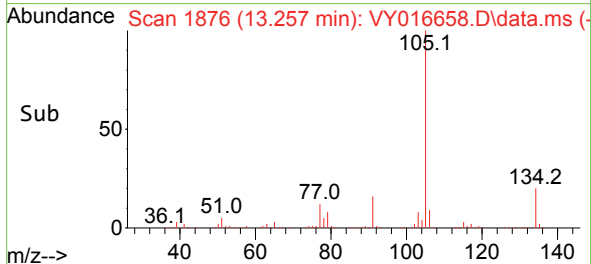
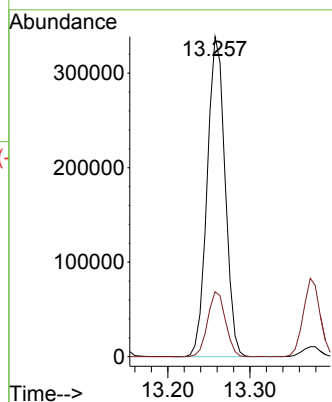
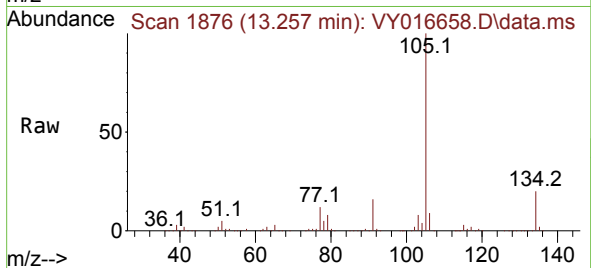




#85
 sec-Butylbenzene
 Concen: 44.549 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

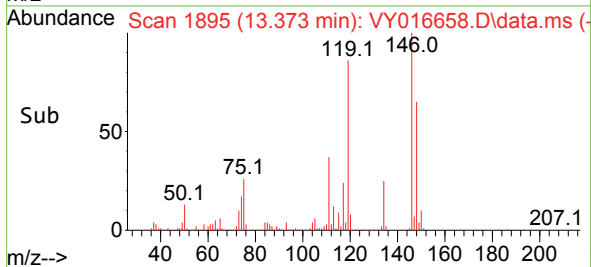
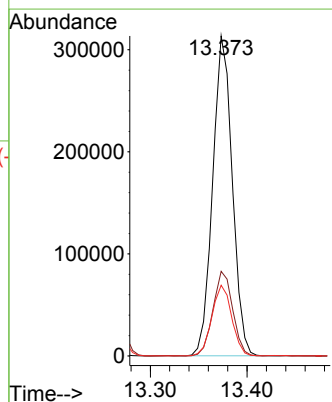
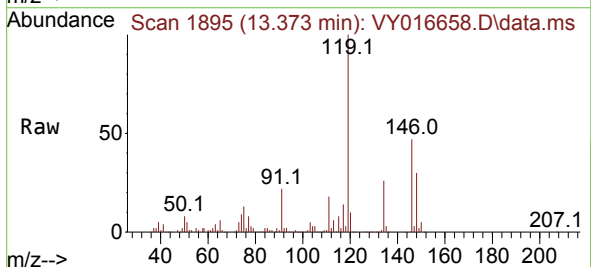
Instrument :
 MSVOA_Y
 ClientSampleId :

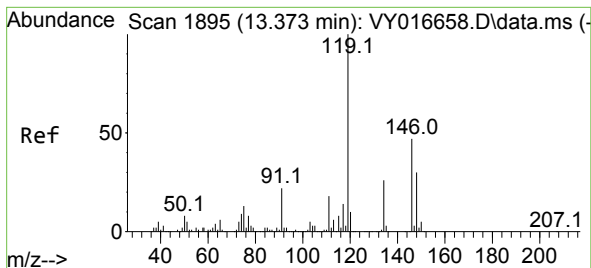
Tgt Ion:105 Resp: 510757
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 44.930 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016658.D
 Acq: 15 Dec 2023 17:37

Tgt Ion:119 Resp: 439810
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 22.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 43.893 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

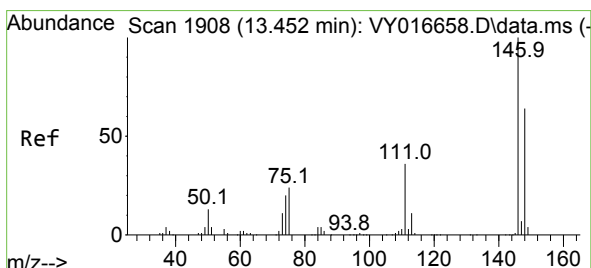
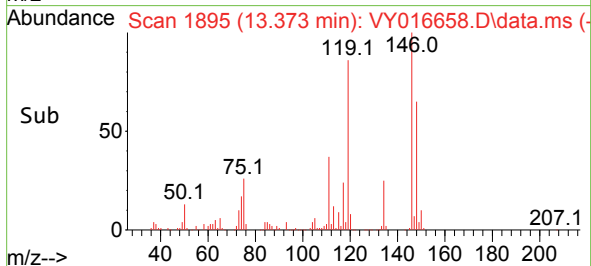
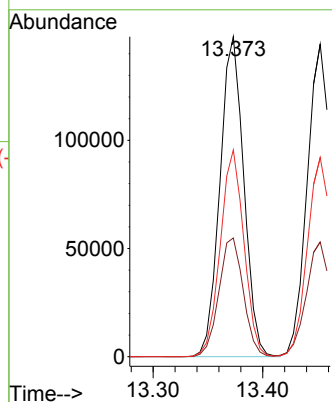
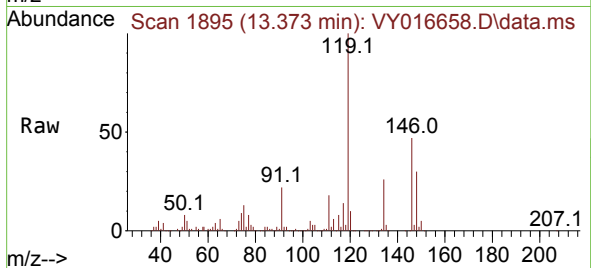
Tgt Ion:146 Resp: 223831

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 43.920 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

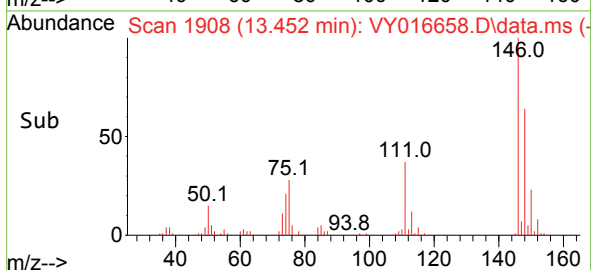
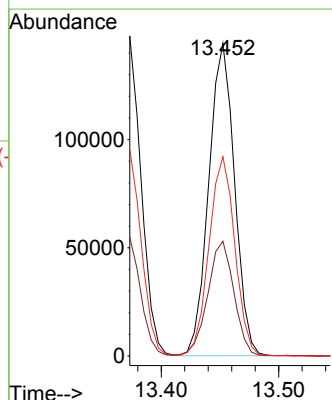
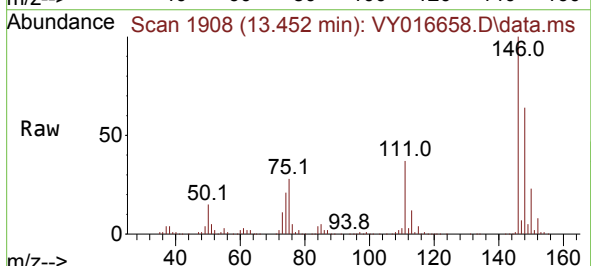
Tgt Ion:146 Resp: 220234

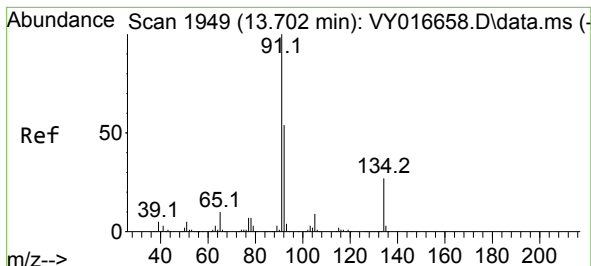
Ion Ratio Lower Upper

146 100

111 37.6 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 44.980 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

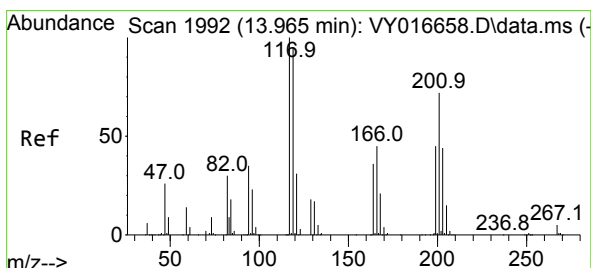
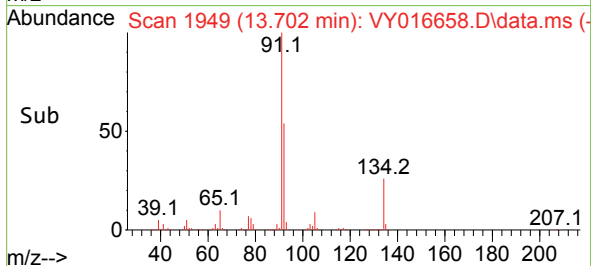
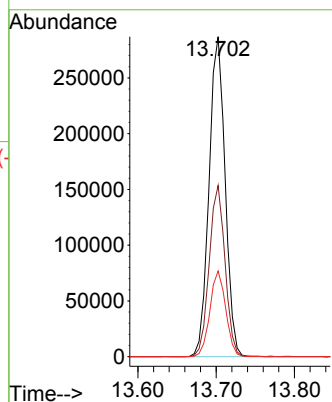
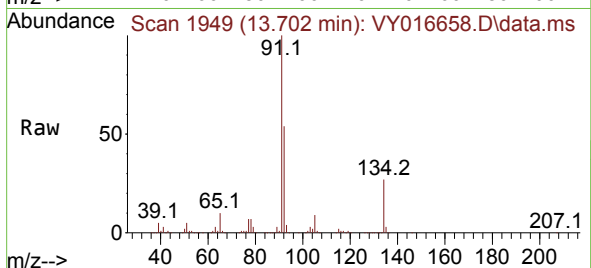
Tgt Ion: 91 Resp: 409026

Ion Ratio Lower Upper

91 100

92 52.5 25.4 76.0

134 26.3 12.6 37.6



#90

Hexachloroethane

Concen: 42.827 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY016658.D

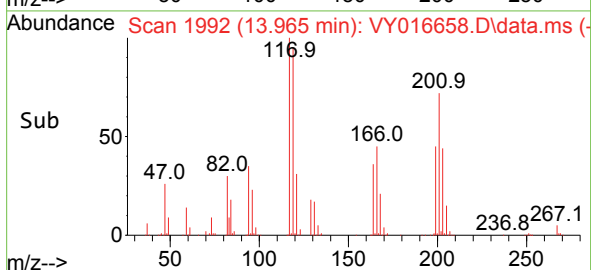
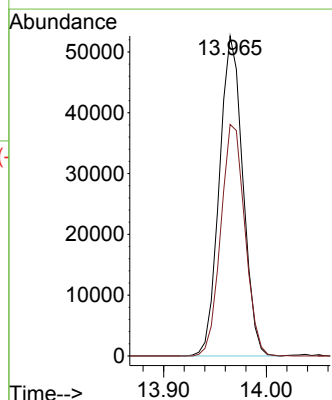
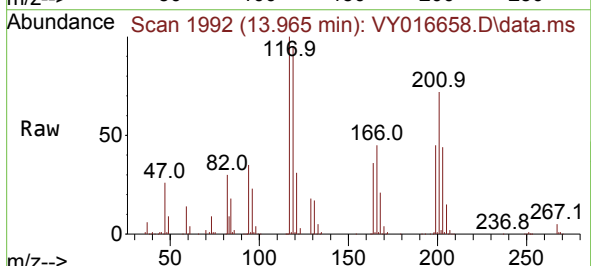
Acq: 15 Dec 2023 17:37

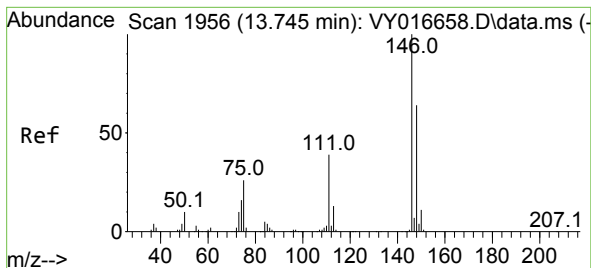
Tgt Ion: 117 Resp: 83441

Ion Ratio Lower Upper

117 100

201 74.3 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 44.891 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

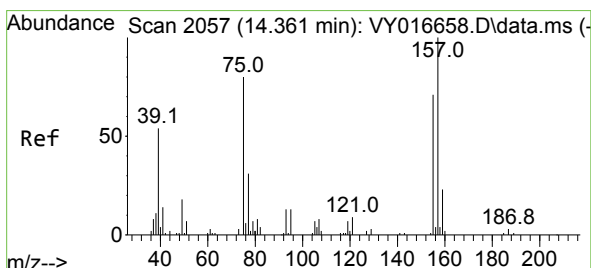
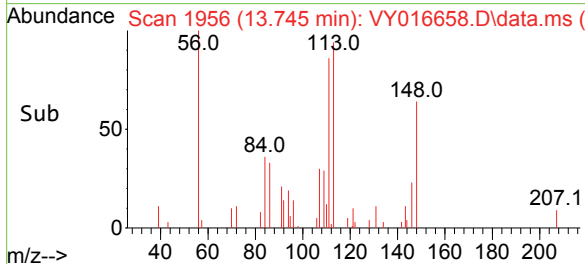
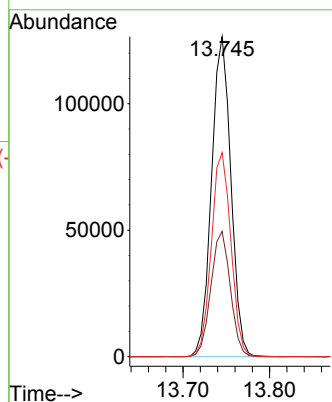
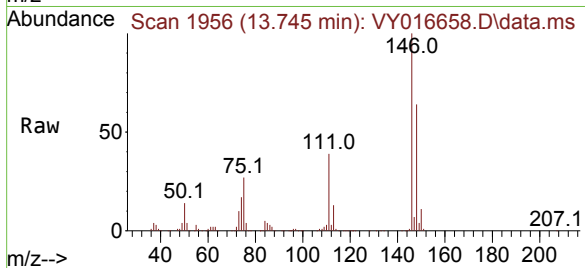
Tgt Ion:146 Resp: 196423

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.829 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

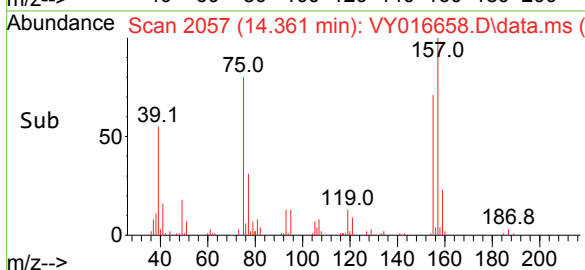
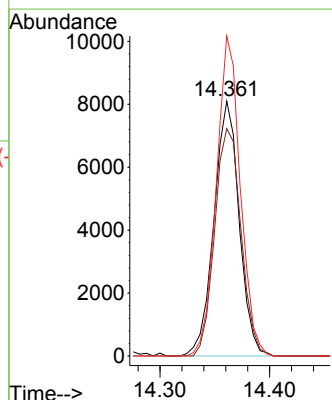
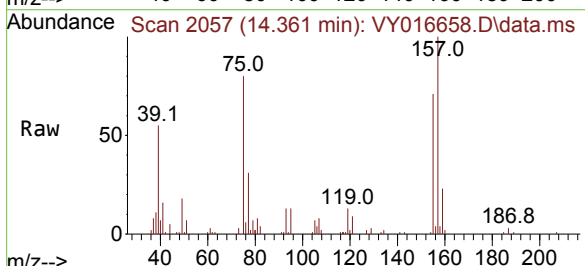
Tgt Ion: 75 Resp: 12913

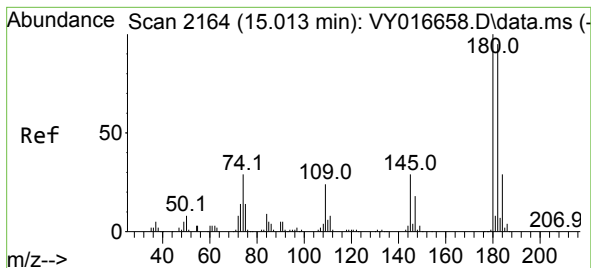
Ion Ratio Lower Upper

75 100

155 92.9 41.5 124.6

157 119.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 46.212 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

Instrument :

MSVOA_Y

ClientSampleId :

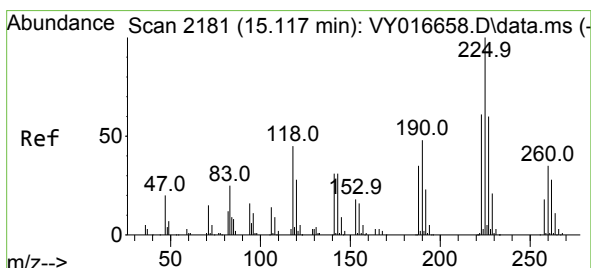
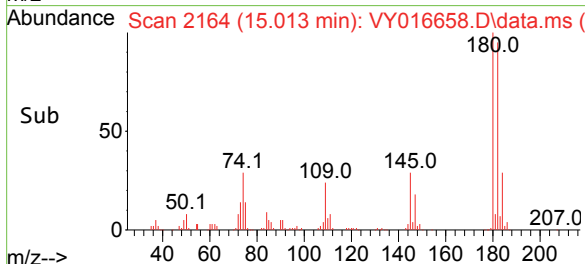
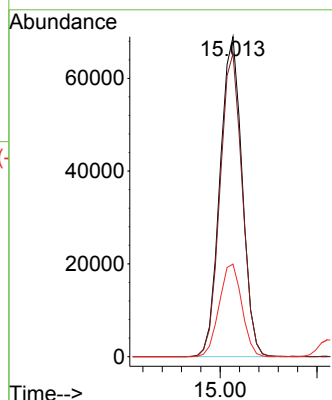
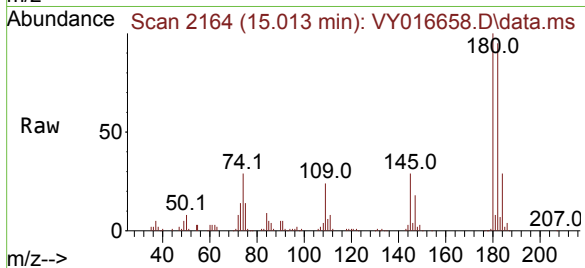
Tgt Ion:180 Resp: 109228

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 42.672 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016658.D

Acq: 15 Dec 2023 17:37

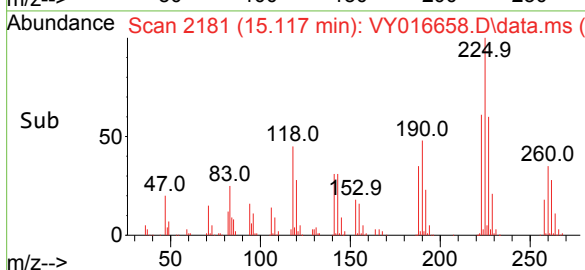
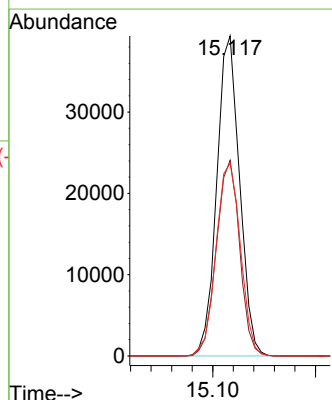
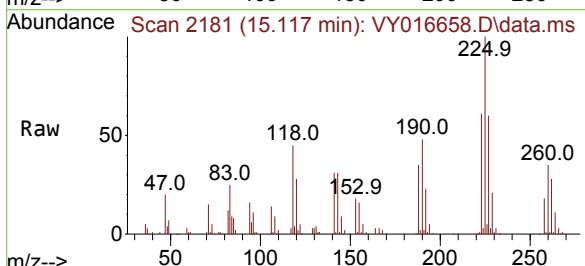
Tgt Ion:225 Resp: 60539

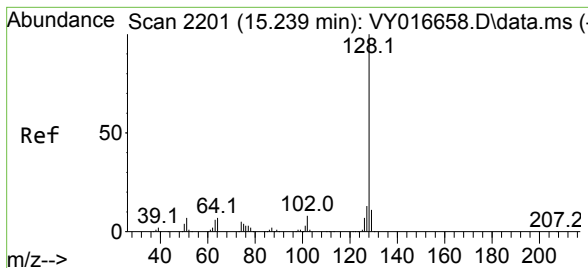
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 64.4 33.0 98.9

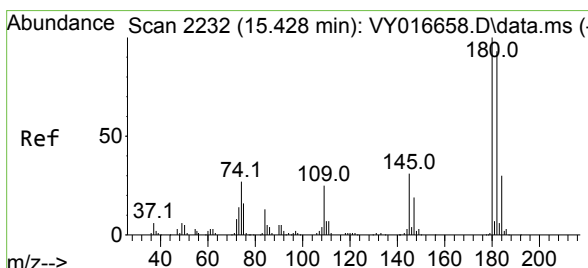
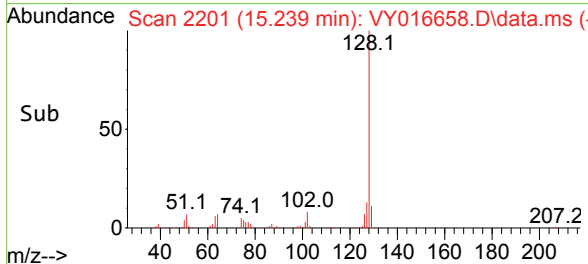
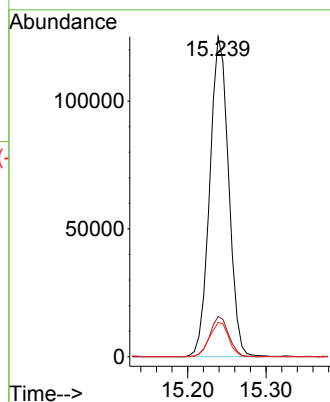
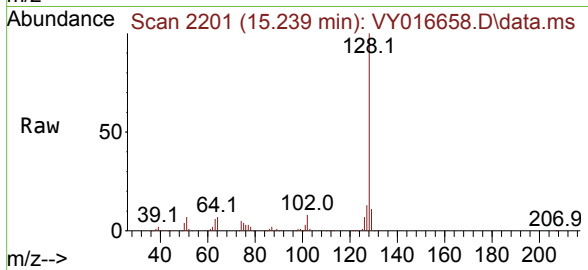




#95
Naphthalene
Concen: 50.746 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128 Resp: 209288
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.715 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY016658.D
Acq: 15 Dec 2023 17:37

Tgt Ion:180 Resp: 92967
Ion Ratio Lower Upper
180 100
182 94.7 47.3 141.8
145 30.9 15.4 46.2

