

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016659.D
 Acq On : 15 Dec 2023 17:59
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:10:23 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	247237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	385167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	339093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	160886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	212609	104.841	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 209.680%#	
35) Dibromofluoromethane	7.728	113	224261	108.548	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 217.100%#	
50) Toluene-d8	10.191	98	873082	104.815	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 209.620%#	
62) 4-Bromofluorobenzene	12.489	95	281172	106.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 212.400%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	173035	89.802	ug/l	97
3) Chloromethane	2.119	50	260493	86.752	ug/l	99
4) Vinyl Chloride	2.253	62	316558	91.836	ug/l	97
5) Bromomethane	2.649	94	222024	89.992	ug/l	97
6) Chloroethane	2.796	64	206405	92.062	ug/l	97
7) Trichlorofluoromethane	3.131	101	346712	90.056	ug/l	98
8) Diethyl Ether	3.533	74	114440	95.159	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.905	101	211149	88.679	ug/l	95
10) Methyl Iodide	4.100	142	247712	99.959	ug/l	94
11) Tert butyl alcohol	4.960	59	69747	427.465	ug/l #	79
12) 1,1-Dichloroethene	3.881	96	208319	92.805	ug/l	92
13) Acrolein	3.735	56	55121	503.453	ug/l	98
14) Allyl chloride	4.484	41	292215	96.016	ug/l #	93
15) Acrylonitrile	5.173	53	235099	469.763	ug/l	97
16) Acetone	3.954	43	206951	456.747	ug/l #	89
17) Carbon Disulfide	4.204	76	653510	92.050	ug/l	99
18) Methyl Acetate	4.484	43	178048	94.291	ug/l #	87
19) Methyl tert-butyl Ether	5.234	73	520213	98.841	ug/l	98
20) Methylene Chloride	4.728	84	229261	95.247	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	245943	94.044	ug/l	92
22) Diisopropyl ether	6.130	45	632681	97.000	ug/l #	87
23) Vinyl Acetate	6.069	43	1567631	487.766	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	394951	92.790	ug/l	96
25) 2-Butanone	6.996	43	304005	459.592	ug/l #	89
26) 2,2-Dichloropropane	6.996	77	350765	92.820	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	270055	95.621	ug/l	90
28) Bromochloromethane	7.344	49	155617	100.264	ug/l	88
29) Tetrahydrofuran	7.356	42	188133	478.647	ug/l #	87
30) Chloroform	7.520	83	409448	92.497	ug/l	98
31) Cyclohexane	7.795	56	351237	87.987	ug/l	88
32) 1,1,1-Trichloroethane	7.709	97	370953	93.411	ug/l	98
36) 1,1-Dichloropropene	7.929	75	324744	94.901	ug/l	98
37) Ethyl Acetate	7.082	43	131689	93.385	ug/l #	94
38) Carbon Tetrachloride	7.911	117	329434	95.843	ug/l	99
39) Methylcyclohexane	9.191	83	415414	96.589	ug/l	91
40) Benzene	8.173	78	955352	95.258	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	178370	238.196	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	243844	95.129	ug/l	93
43) Isopropyl Acetate	8.283	43	253294	97.733	ug/l #	89
44) Trichloroethene	8.947	130	265115	94.915	ug/l	98
45) 1,2-Dichloropropane	9.227	63	223612	95.439	ug/l	97
46) Dibromomethane	9.313	93	124651	96.202	ug/l	98
47) Bromodichloromethane	9.508	83	315058	96.234	ug/l	99
48) Methyl methacrylate	9.301	41	143854	100.238	ug/l #	86
49) 1,4-Dioxane	9.307	88	26383	1900.794	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	665332	489.484	ug/l	89
52) Toluene	10.252	92	618237	98.411	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	310322	100.477	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	366075	98.583	ug/l	90
55) 1,1,2-Trichloroethane	10.654	97	173337	95.207	ug/l	96
56) Ethyl methacrylate	10.520	69	167426	106.066	ug/l #	81
57) 1,3-Dichloropropane	10.800	76	292930	96.677	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	562652	499.377	ug/l	93
59) 2-Hexanone	10.837	43	478293	428.909	ug/l	87
60) Dibromochloromethane	10.995	129	216964	98.331	ug/l	100
61) 1,2-Dibromoethane	11.099	107	164976	96.547	ug/l	99
64) Tetrachloroethene	10.727	164	264358	95.158	ug/l	97
65) Chlorobenzene	11.526	112	629238	95.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	237716	98.274	ug/l	99
67) Ethyl Benzene	11.599	91	1169253	98.262	ug/l	99
68) m/p-Xylenes	11.709	106	910092	198.251	ug/l	91
69) o-Xylene	12.038	106	421156	100.300	ug/l	94
70) Styrene	12.050	104	615346	101.149	ug/l	97
71) Bromoform	12.215	173	129097	98.413	ug/l #	99
73) Isopropylbenzene	12.337	105	1109159	98.012	ug/l	99
74) N-amyl acetate	12.148	43	214483	101.120	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.587	83	178361	92.645	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	237116	161.623	ug/l #	100
77) Bromobenzene	12.617	156	255637	96.418	ug/l	92
78) n-propylbenzene	12.678	91	1295864	95.803	ug/l	99
79) 2-Chlorotoluene	12.763	91	709910	95.576	ug/l	98
80) 1,3,5-Trimethylbenzene	12.818	105	890678	98.433	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.385	75	61931	96.035	ug/l	91
82) 4-Chlorotoluene	12.861	91	727142	94.669	ug/l	97
83) tert-Butylbenzene	13.080	119	769953	97.515	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	885694	98.693	ug/l	97
85) sec-Butylbenzene	13.257	105	1111124	95.905	ug/l	100
86) p-Isopropyltoluene	13.373	119	963813	97.437	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	491252	95.331	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	480060	94.741	ug/l	99
89) n-Butylbenzene	13.702	91	872260	94.923	ug/l	96
90) Hexachloroethane	13.964	117	184569	93.746	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	423006	95.670	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26136	93.796	ug/l	84
93) 1,2,4-Trichlorobenzene	15.013	180	245579	102.819	ug/l	100
94) Hexachlorobutadiene	15.117	225	126280	88.084	ug/l	97
95) Naphthalene	15.239	128	465070	99.089	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	205091	104.166	ug/l	99

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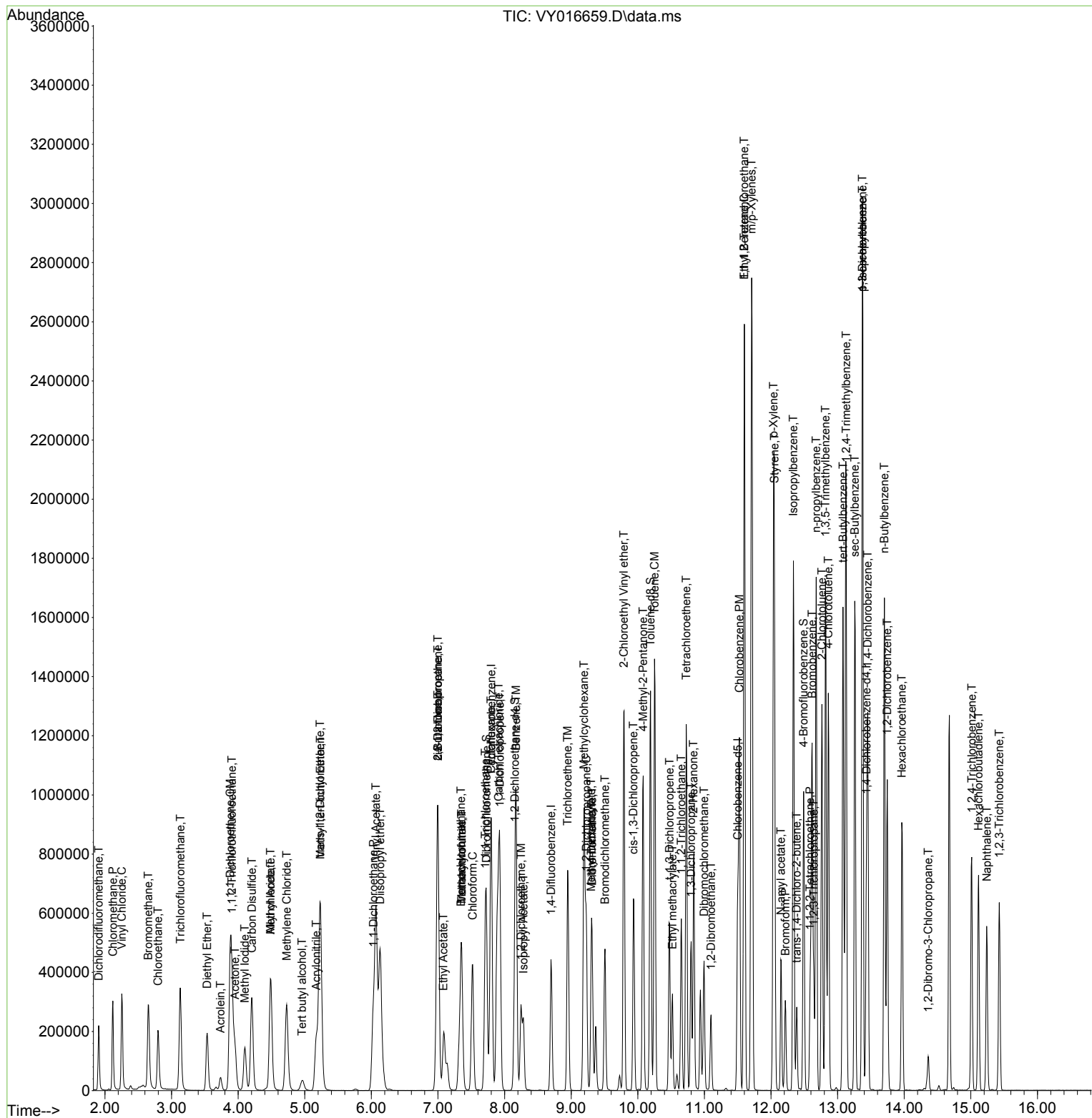
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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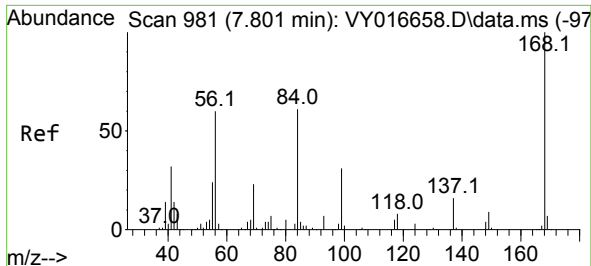
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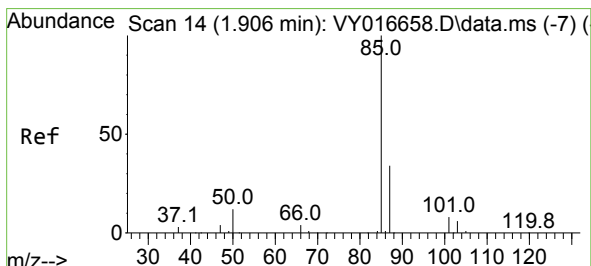
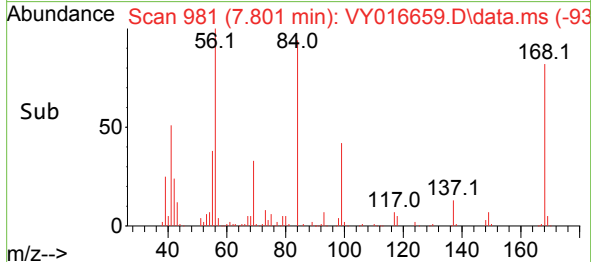
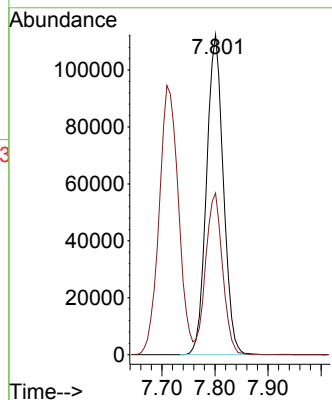
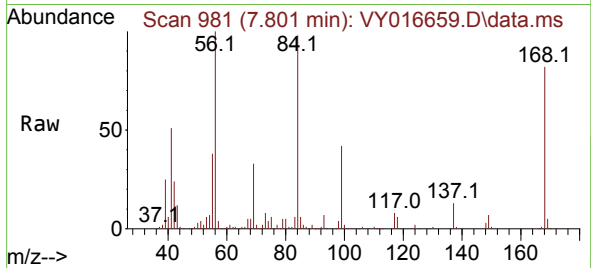




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
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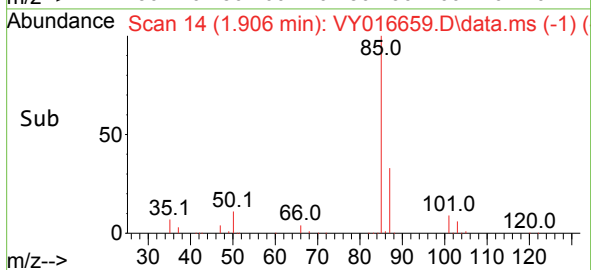
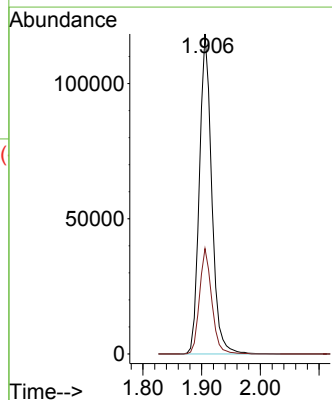
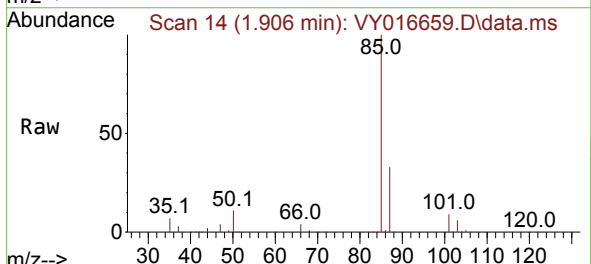
Instrument :
MSVOA_Y
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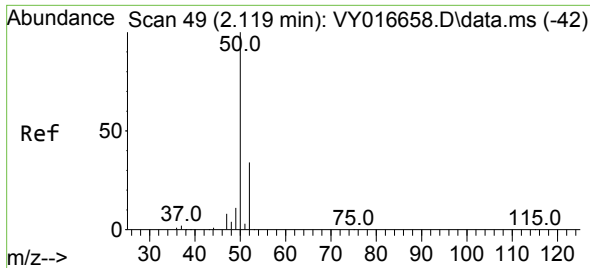
Tgt Ion:168 Resp: 247237
Ion Ratio Lower Upper
168 100
99 50.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 89.802 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 85 Resp: 173035
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

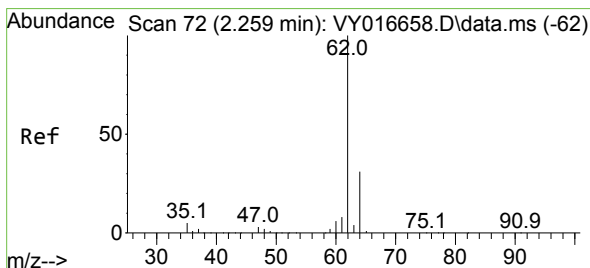
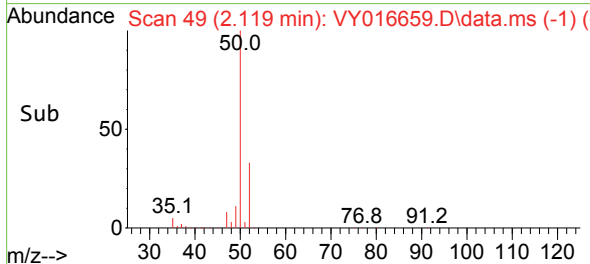
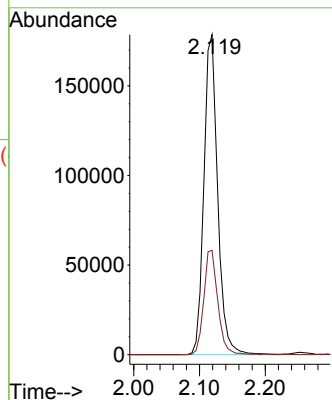
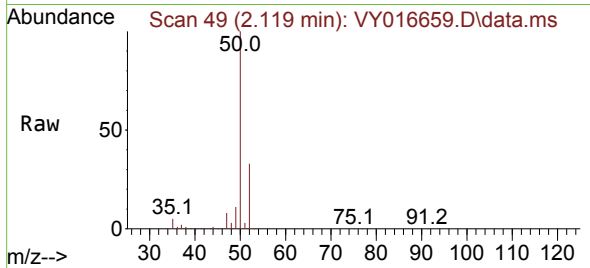




#3
Chloromethane
Concen: 86.752 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016659.D
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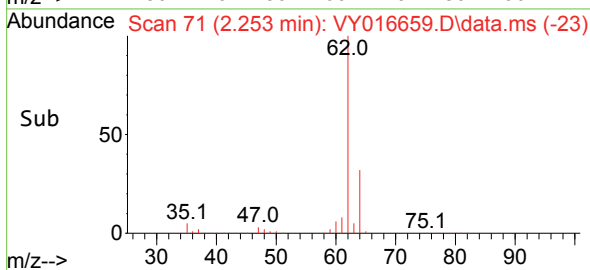
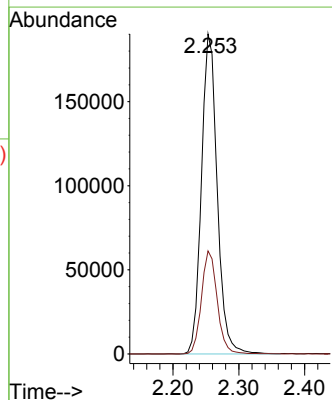
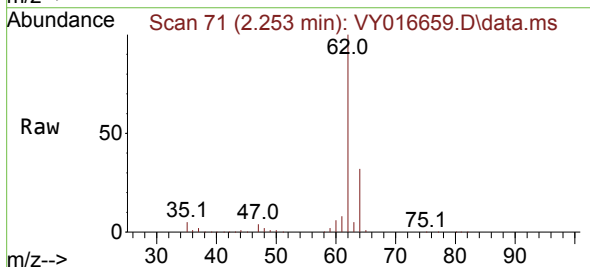
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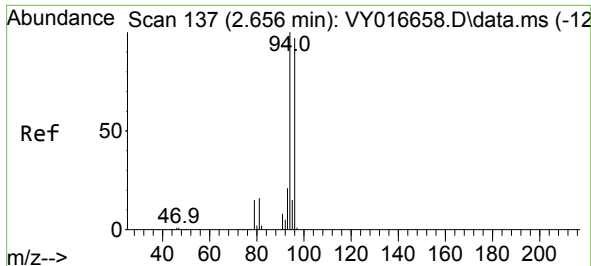
Tgt Ion: 50 Resp: 260493
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 91.836 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 62 Resp: 316558
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

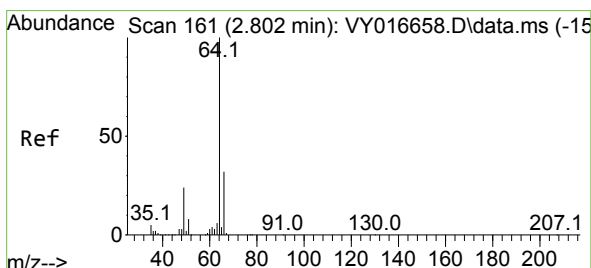
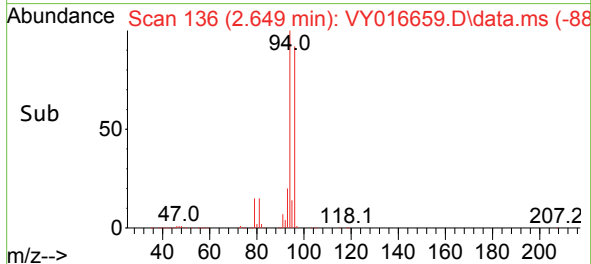
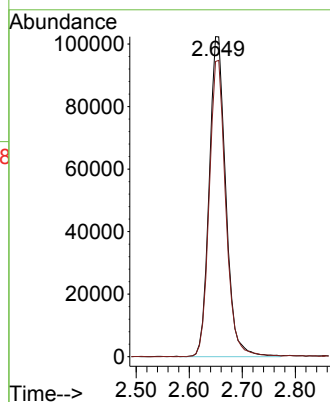
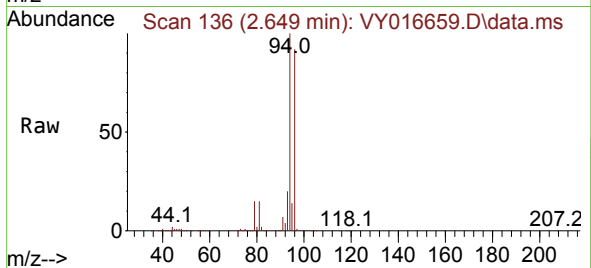




#5
Bromomethane
Concen: 89.992 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016659.D
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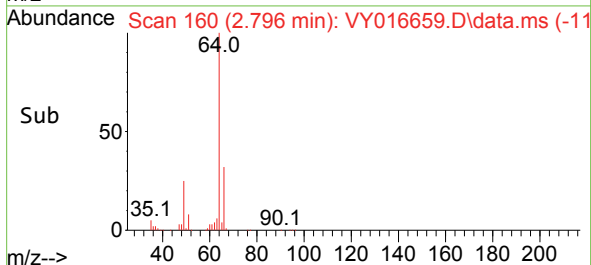
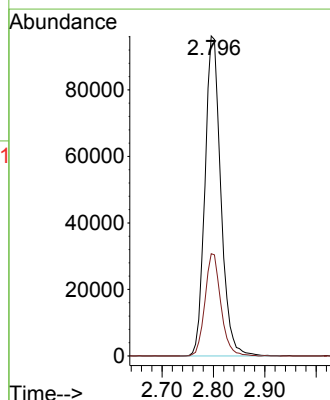
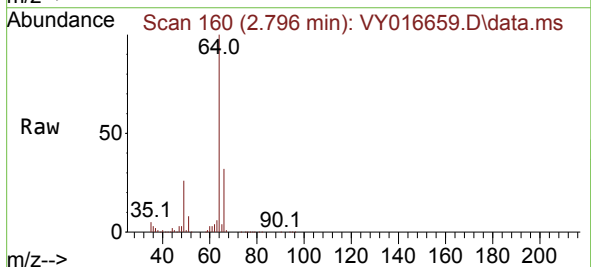
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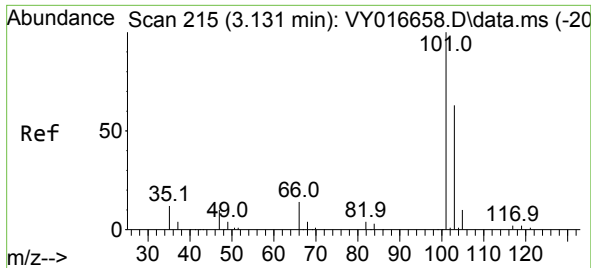
Tgt Ion: 94 Resp: 222024
Ion Ratio Lower Upper
94 100
96 92.2 75.8 113.6



#6
Chloroethane
Concen: 92.062 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
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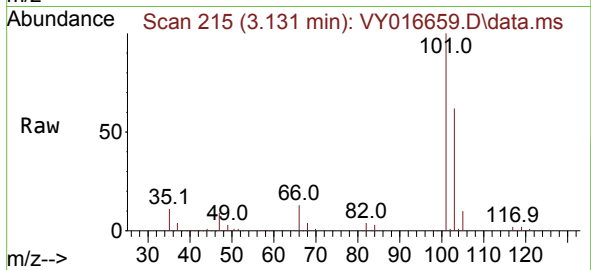
Tgt Ion: 64 Resp: 206405
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6



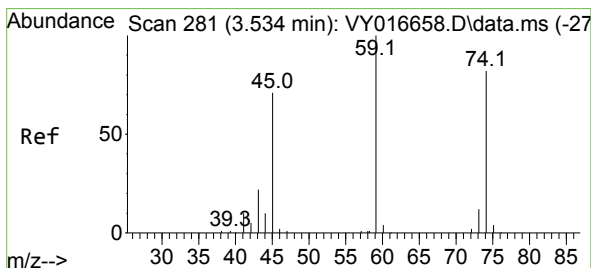
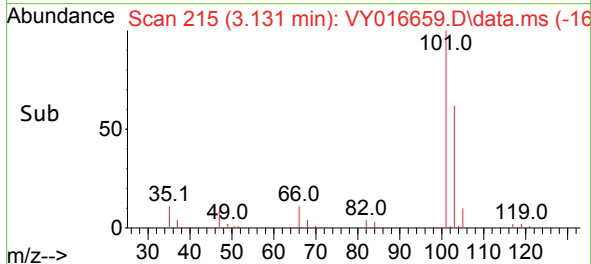
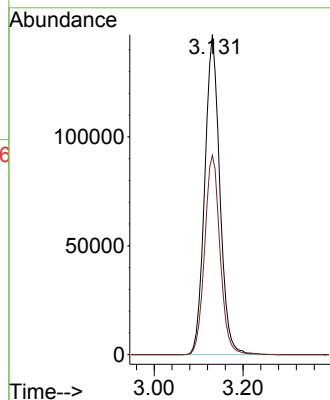


#7
 Trichlorofluoromethane
 Concen: 90.056 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VY016659.D
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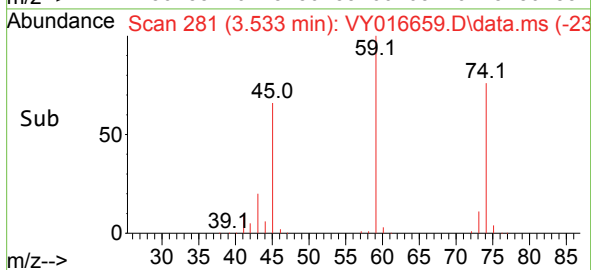
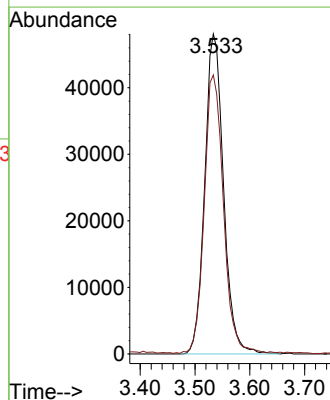
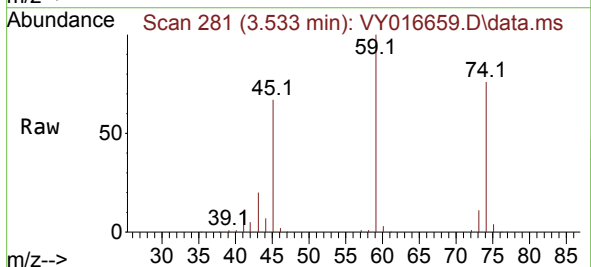


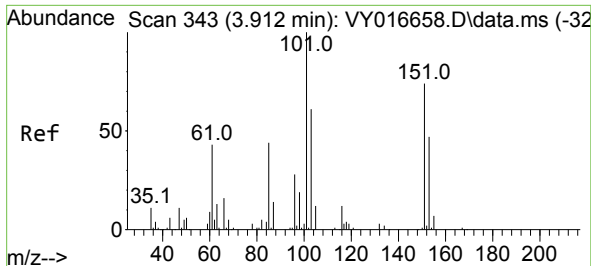
Tgt Ion:101 Resp: 346712
 Ion Ratio Lower Upper
 101 100
 103 62.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 95.159 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 114440
 Ion Ratio Lower Upper
 74 100
 45 88.5 51.5 154.5

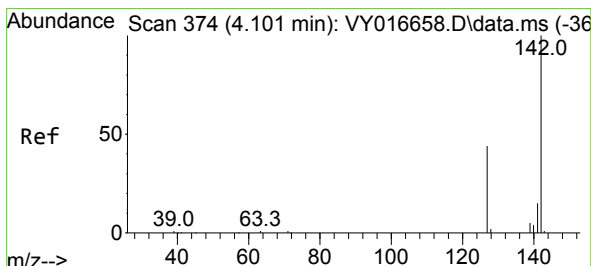
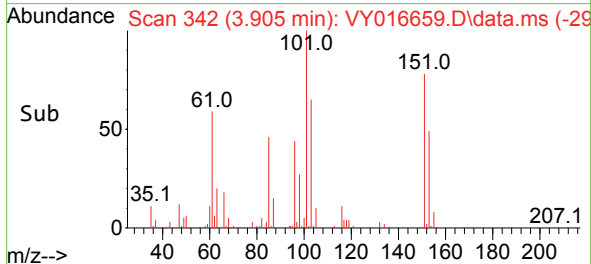
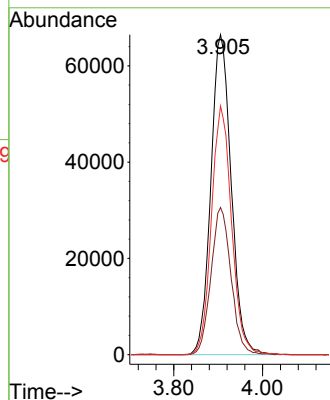
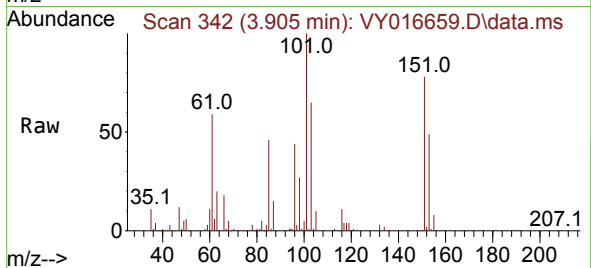




#9
1,1,2-Trichlorotrifluoroethane
Concen: 88.679 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

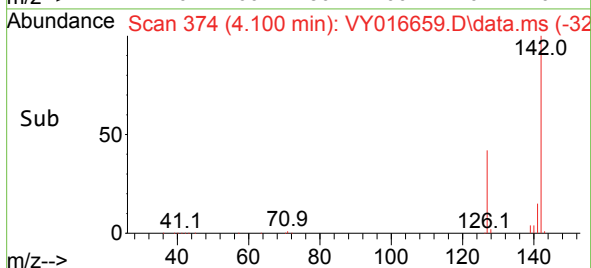
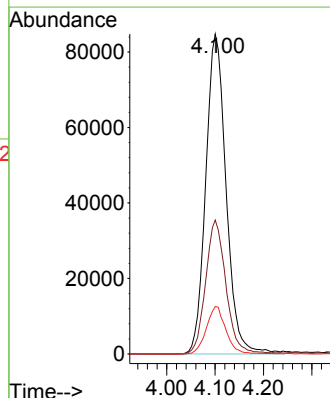
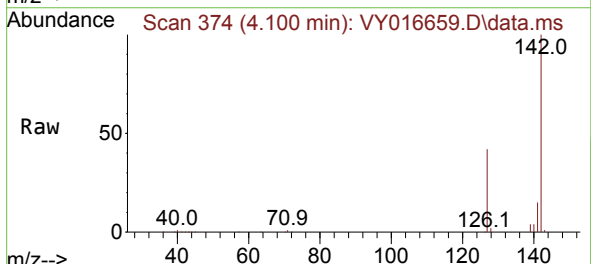
Instrument :
MSVOA_Y
ClientSampleId :

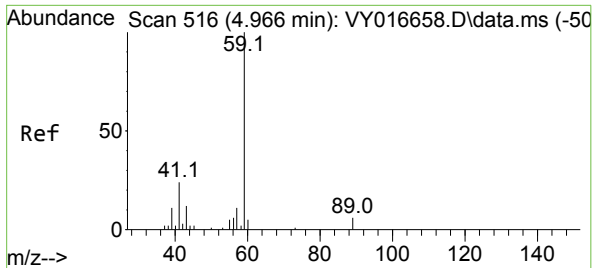
Tgt Ion:101 Resp: 211149
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 99.959 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:142 Resp: 247712
Ion Ratio Lower Upper
142 100
127 41.7 37.6 56.4
141 14.3 11.8 17.8

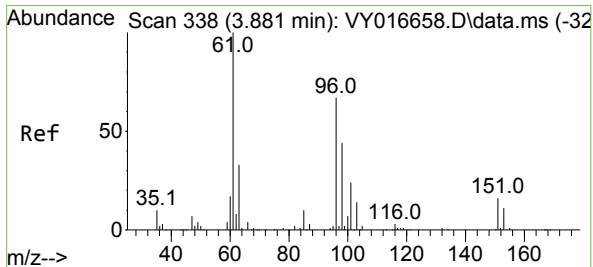
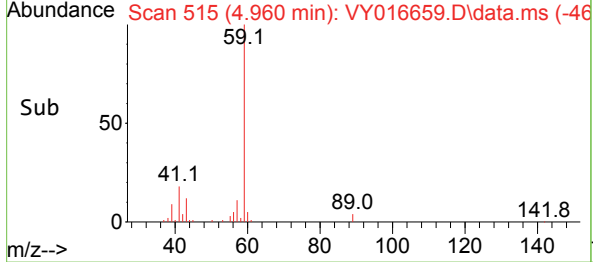
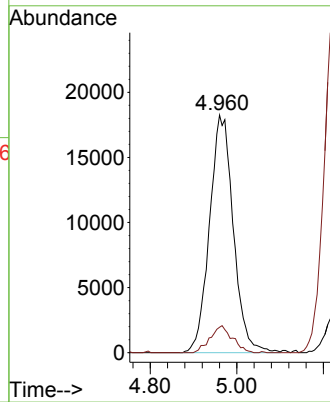
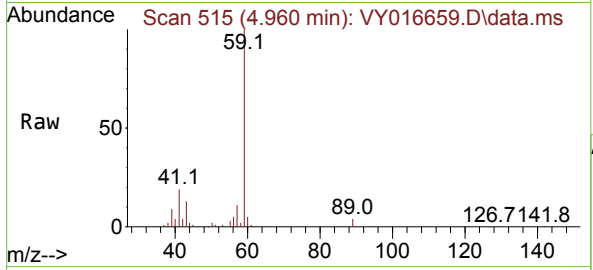




#11
Tert butyl alcohol
Concen: 427.465 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

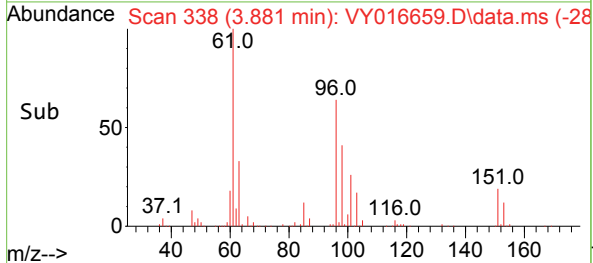
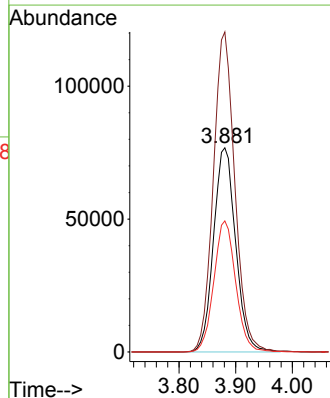
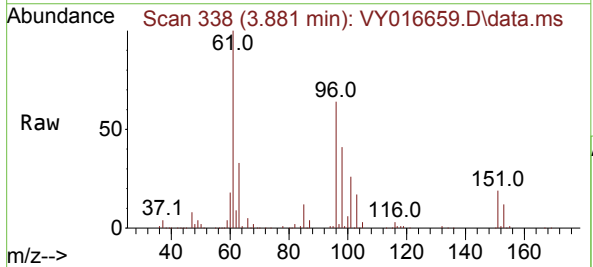
Instrument :
MSVOA_Y
ClientSampleId :

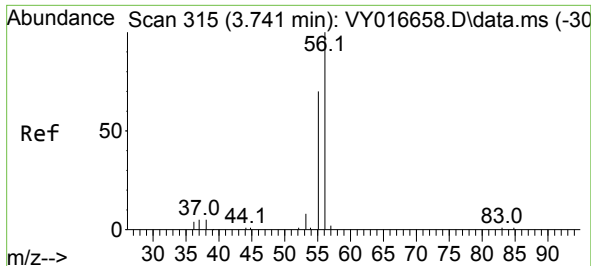
Tgt Ion: 59 Resp: 69747
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 92.805 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 96 Resp: 208319
Ion Ratio Lower Upper
96 100
61 156.7 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 503.453 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

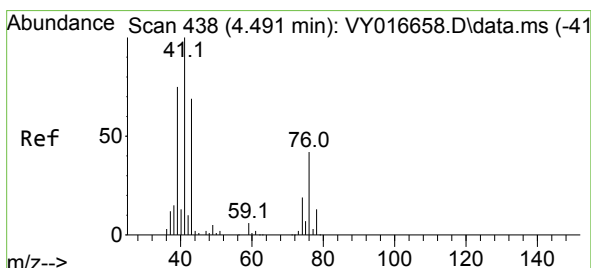
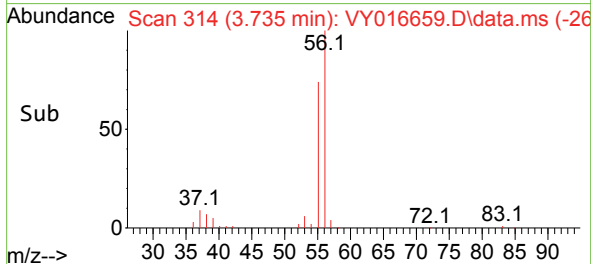
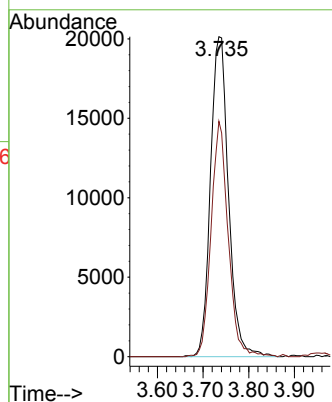
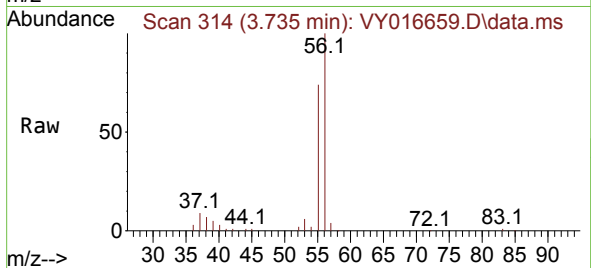
ClientSampleId :

Tgt Ion: 56 Resp: 55121

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 96.016 ug/l

RT: 4.484 min Scan# 437

Delta R.T. -0.006 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

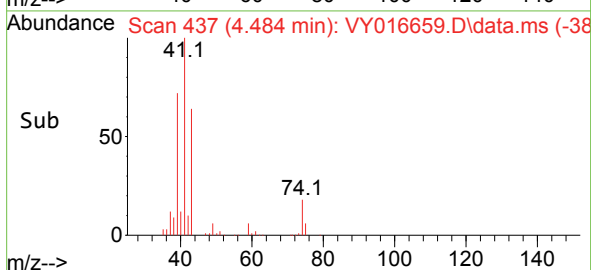
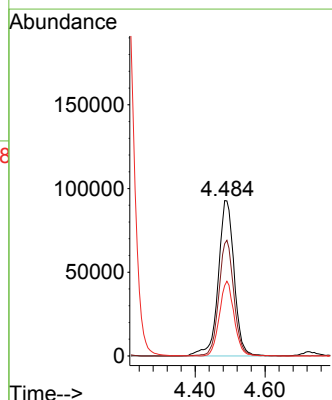
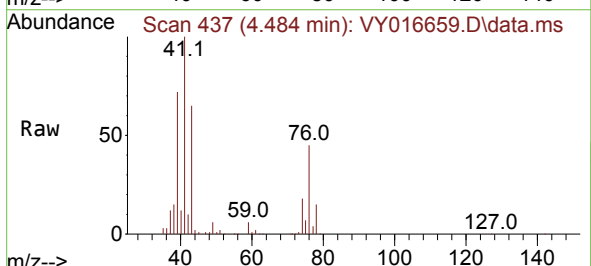
Tgt Ion: 41 Resp: 292215

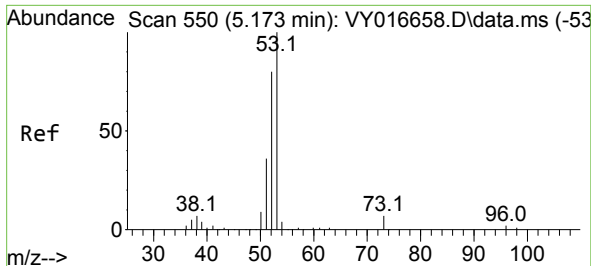
Ion Ratio Lower Upper

41 100

39 70.5 58.0 87.0

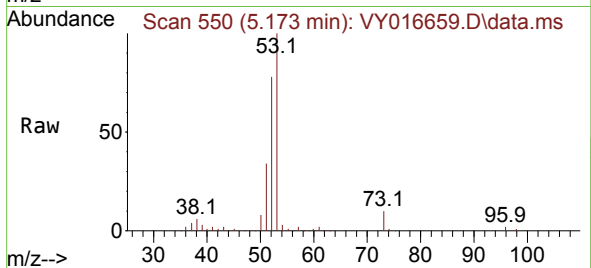
76 44.7 27.4 41.2#



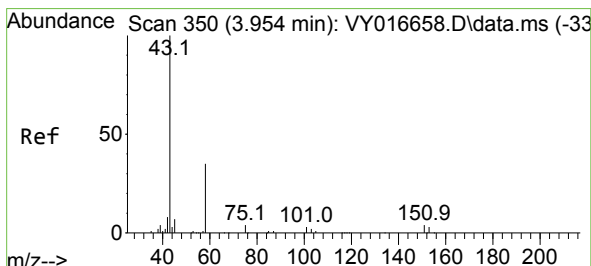
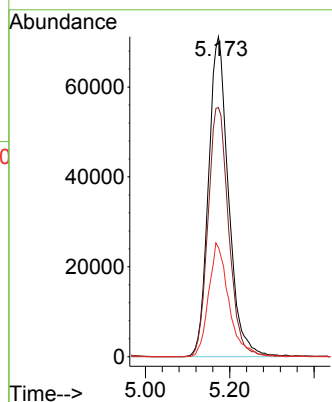
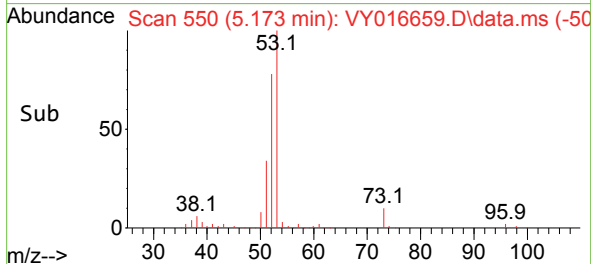


#15
Acrylonitrile
Concen: 469.763 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

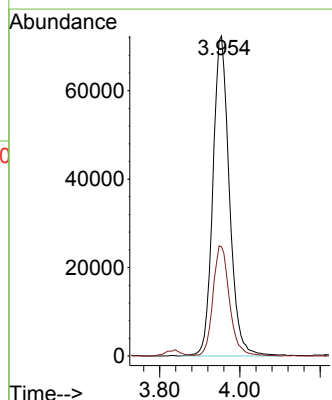
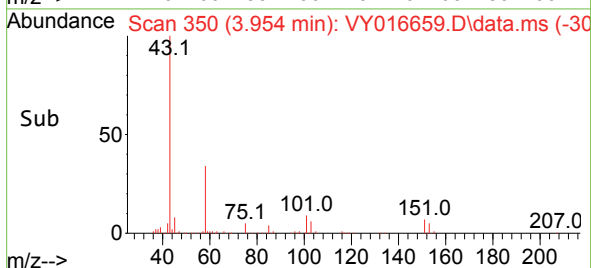
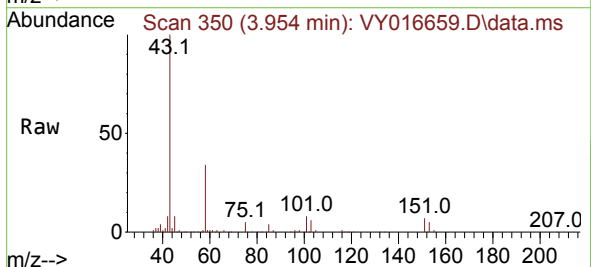


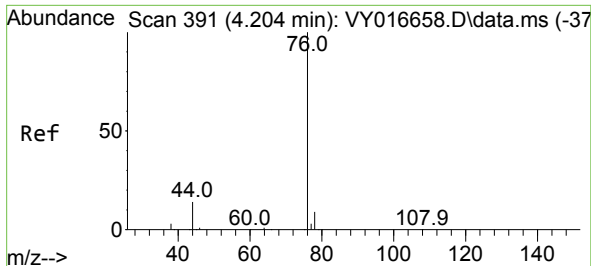
Tgt Ion:	53	Resp:	235099
Ion	Ratio	Lower	Upper
53	100		
52	80.0	66.9	100.3
51	35.9	29.8	44.6



#16
Acetone
Concen: 456.747 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:	43	Resp:	206951
Ion	Ratio	Lower	Upper
43	100		
58	34.2	22.7	34.1#

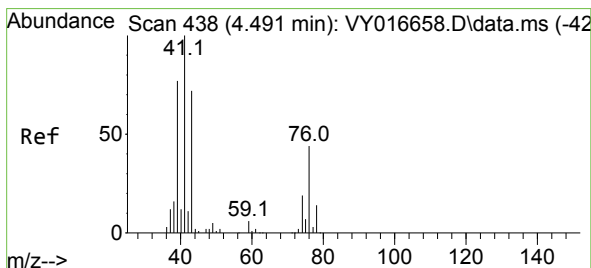
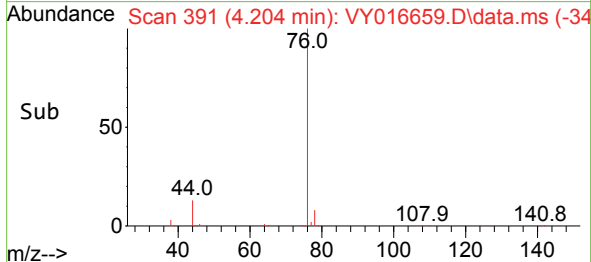
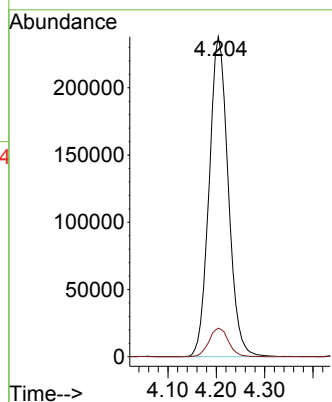
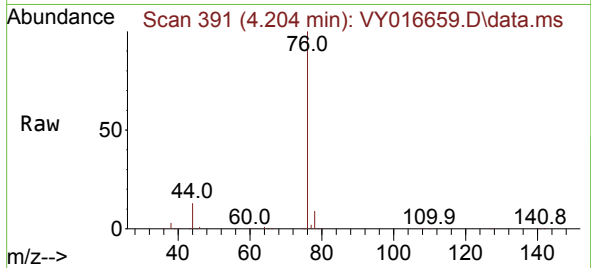




#17
Carbon Disulfide
Concen: 92.050 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

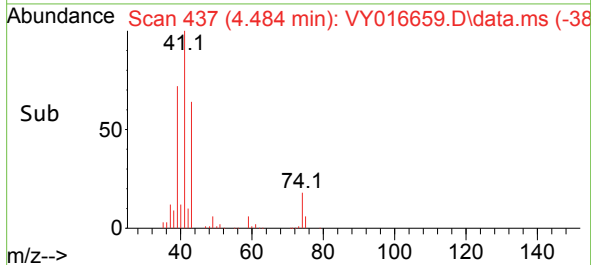
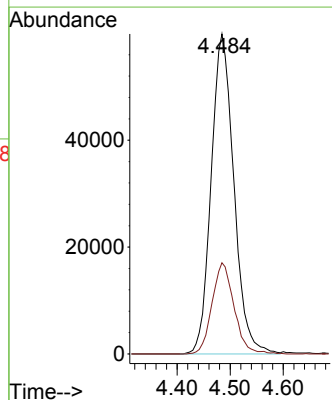
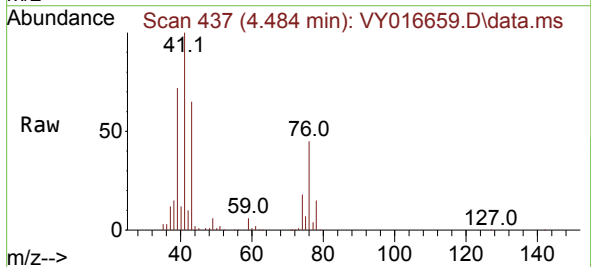
Instrument :
MSVOA_Y
ClientSampleId :

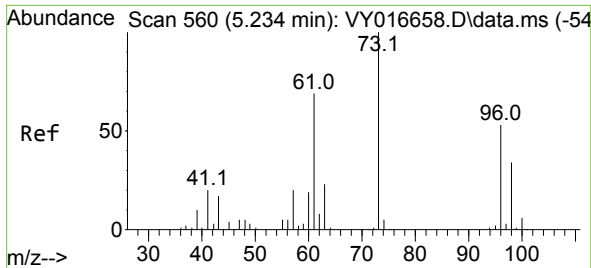
Tgt Ion: 76 Resp: 653510
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 94.291 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 43 Resp: 178048
Ion Ratio Lower Upper
43 100
74 27.6 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 98.841 ug/l

RT: 5.234 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

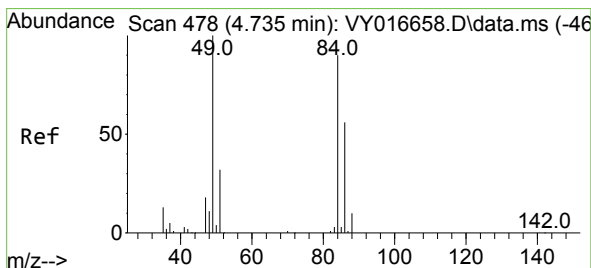
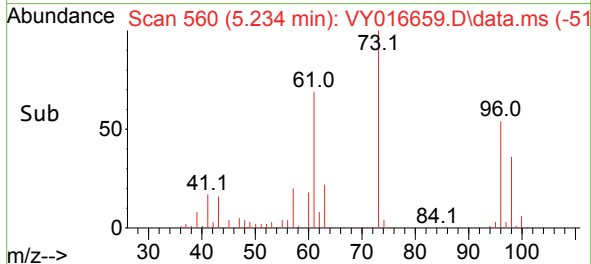
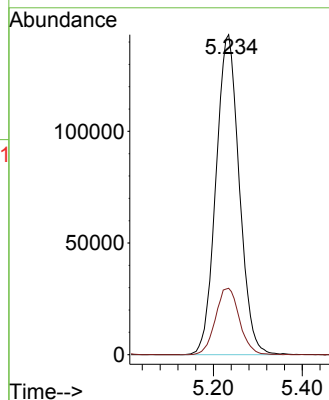
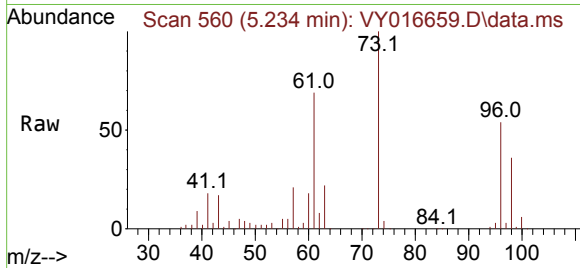
ClientSampleId :

Tgt Ion: 73 Resp: 520213

Ion Ratio Lower Upper

73 100

57 20.7 17.3 25.9



#20

Methylene Chloride

Concen: 95.247 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.007 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Tgt Ion: 84 Resp: 229261

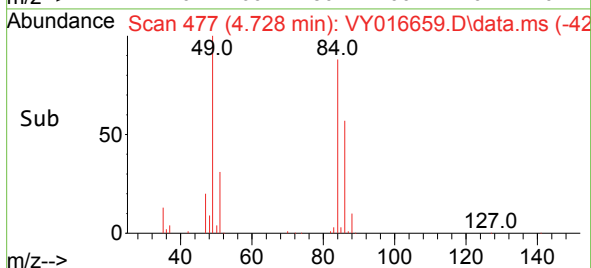
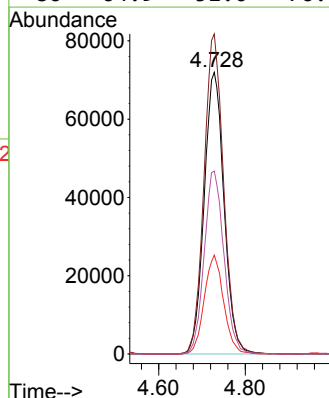
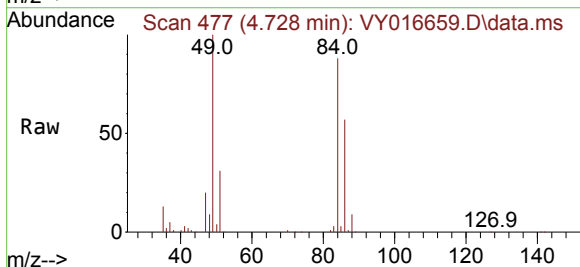
Ion Ratio Lower Upper

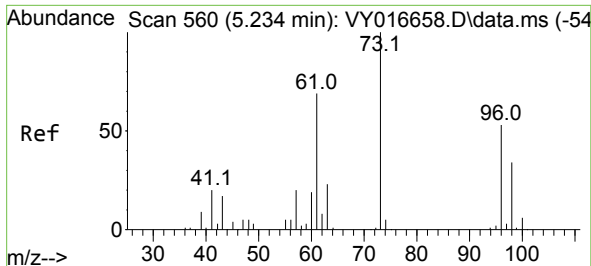
84 100

49 113.6 106.9 160.3

51 35.1 33.2 49.8

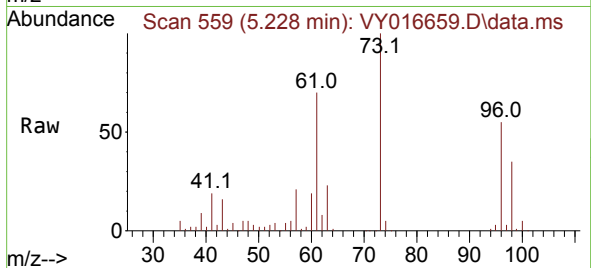
86 64.9 51.0 76.6



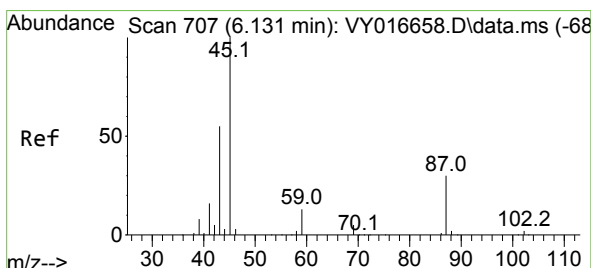
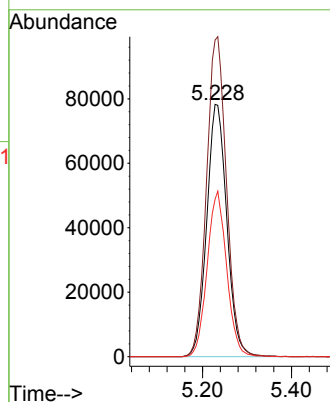
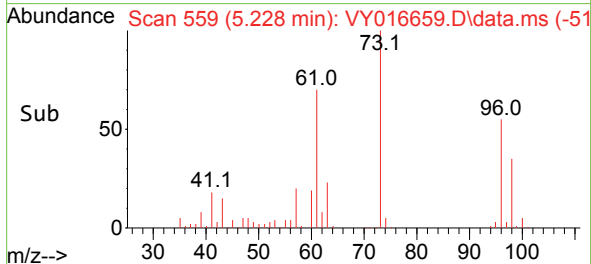


#21
trans-1,2-Dichloroethene
Concen: 94.044 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

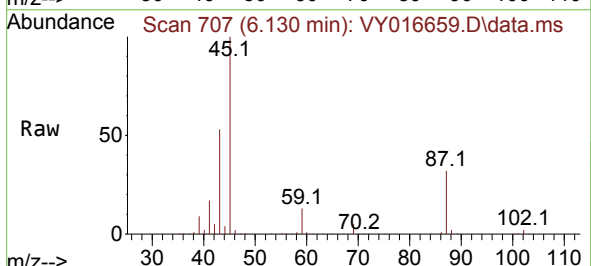
Instrument :
MSVOA_Y
ClientSampleId :



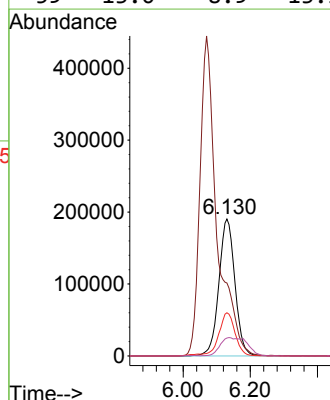
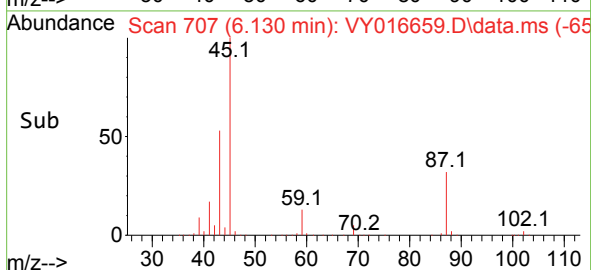
Tgt Ion: 96 Resp: 245943
Ion Ratio Lower Upper
96 100
61 125.5 110.2 165.4
98 62.4 51.8 77.6

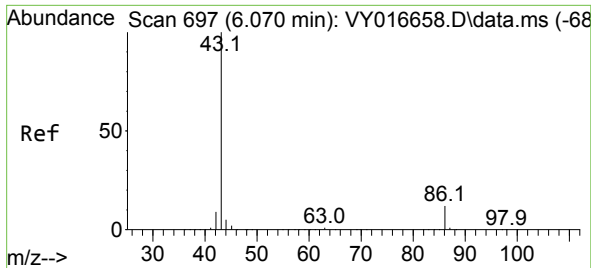


#22
Diisopropyl ether
Concen: 97.000 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59



Tgt Ion: 45 Resp: 632681
Ion Ratio Lower Upper
45 100
43 53.2 52.2 78.4
87 31.6 21.0 31.6#
59 13.0 8.9 13.3

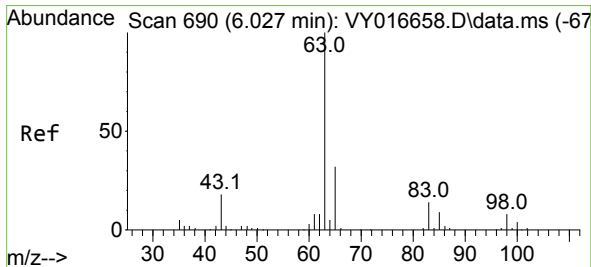
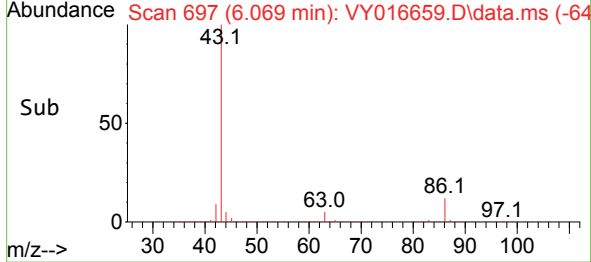
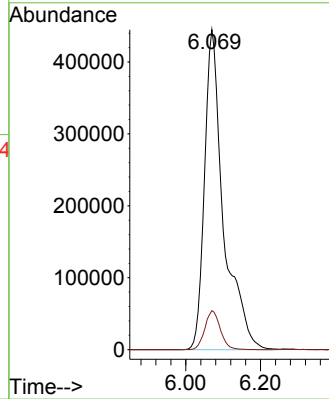
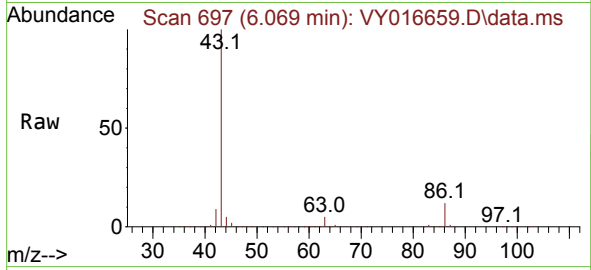




#23
 Vinyl Acetate
 Concen: 487.766 ug/l
 RT: 6.069 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

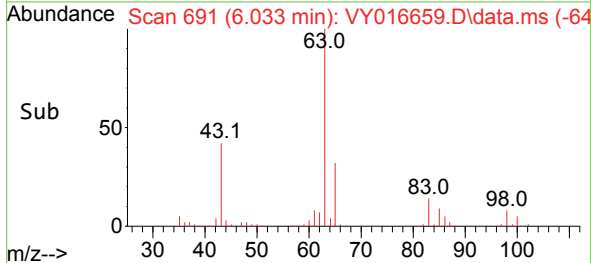
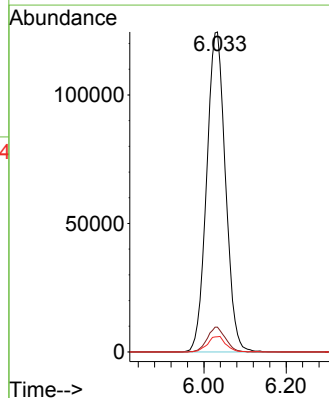
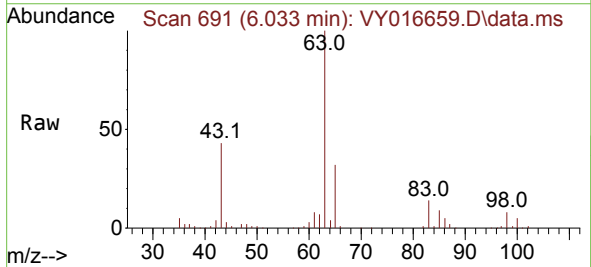
Instrument :
 MSVOA_Y
 ClientSampleId :

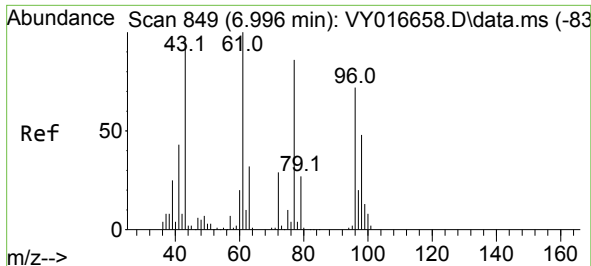
Tgt Ion: 43 Resp: 1567631
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 92.790 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

Tgt Ion: 63 Resp: 394951
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.7 1.8 5.5





#25

2-Butanone

Concen: 459.592 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

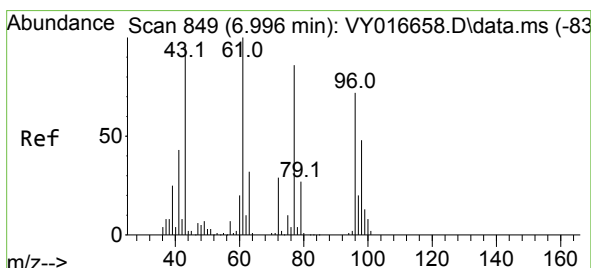
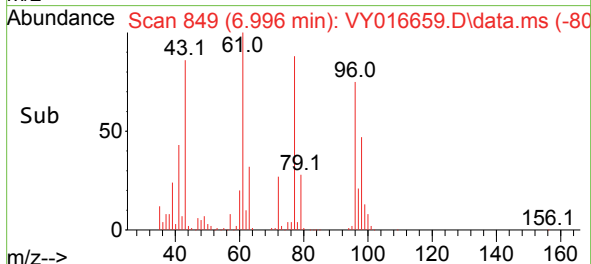
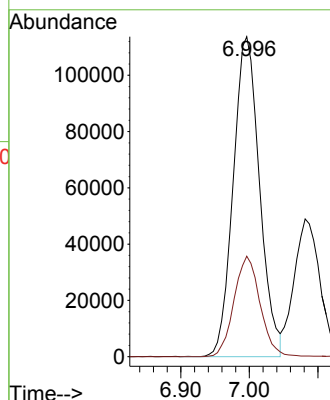
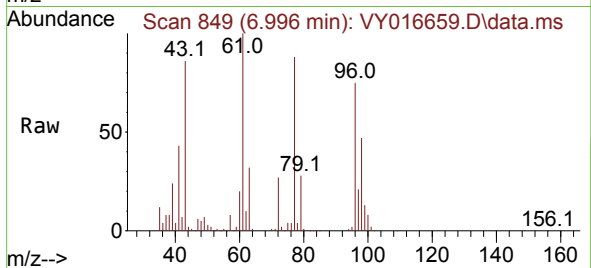
ClientSampleId :

Tgt Ion: 43 Resp: 304005

Ion Ratio Lower Upper

43 100

72 31.4 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 92.820 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016659.D

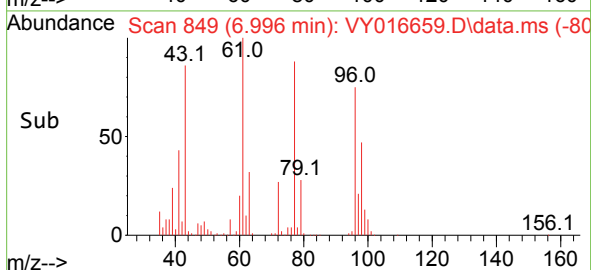
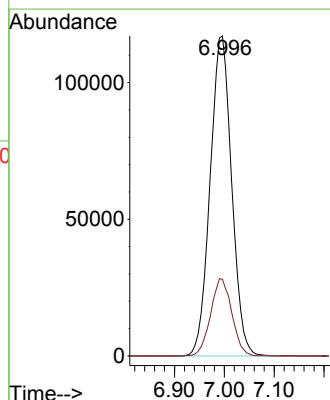
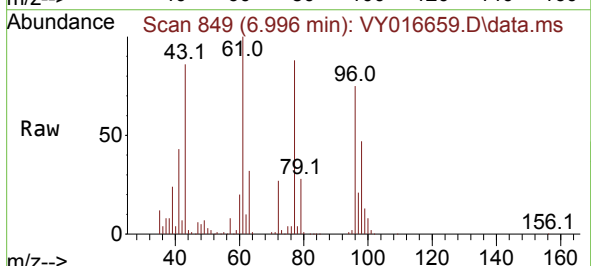
Acq: 15 Dec 2023 17:59

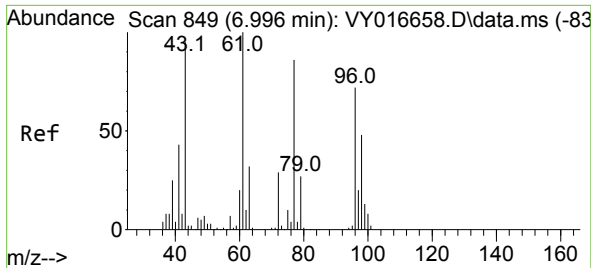
Tgt Ion: 77 Resp: 350765

Ion Ratio Lower Upper

77 100

97 23.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 95.621 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

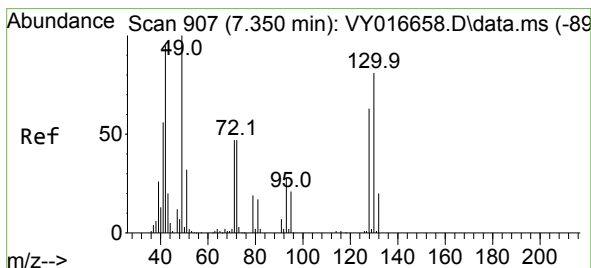
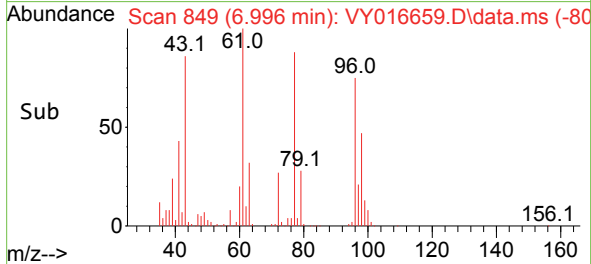
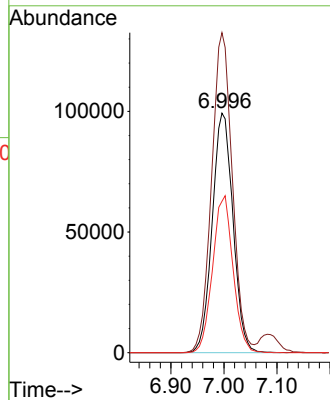
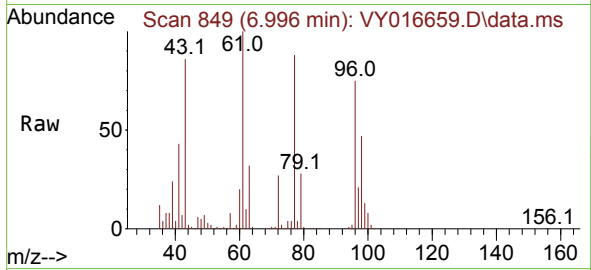
Tgt Ion: 96 Resp: 270055

Ion Ratio Lower Upper

96 100

61 133.4 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 100.264 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

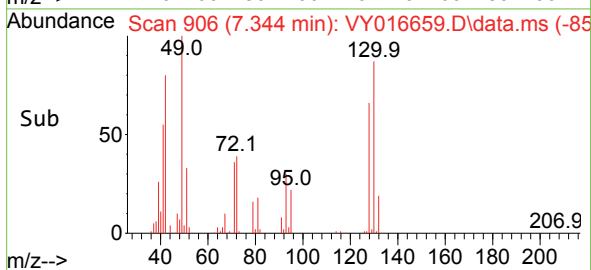
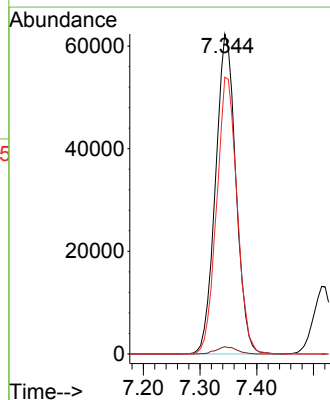
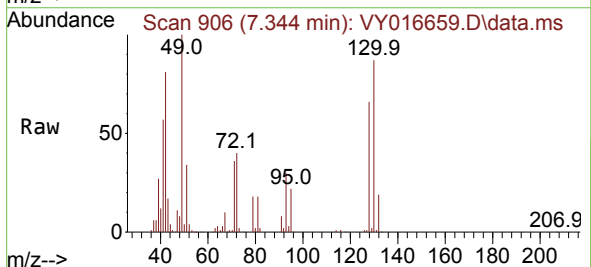
Tgt Ion: 49 Resp: 155617

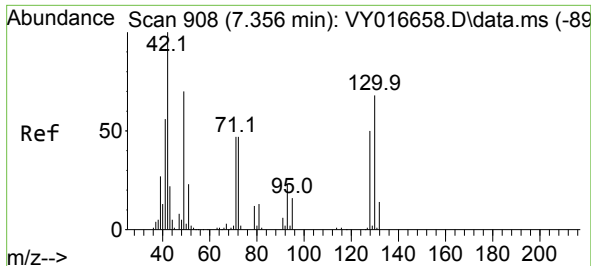
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 86.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 478.647 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

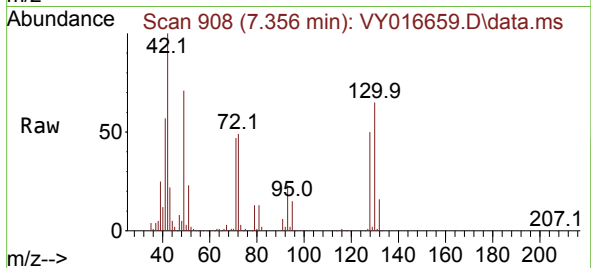
Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :



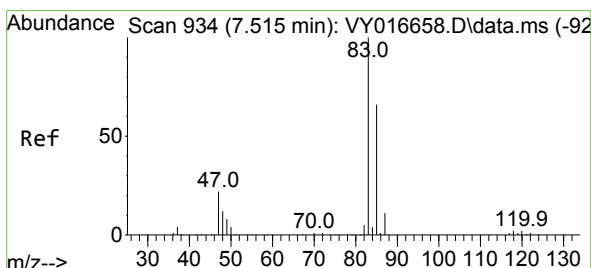
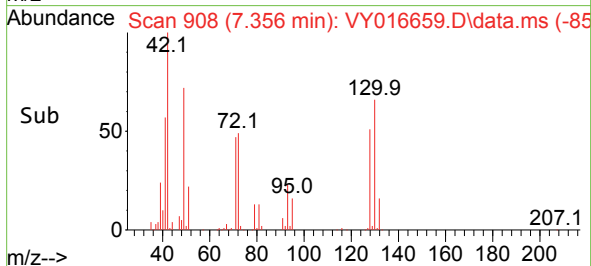
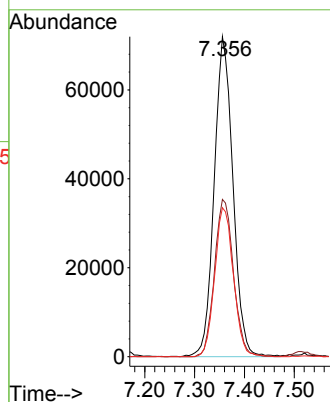
Tgt Ion: 42 Resp: 188133

Ion Ratio Lower Upper

42 100

72 49.7 32.8 49.2#

71 46.6 31.0 46.4#



#30

Chloroform

Concen: 92.497 ug/l

RT: 7.520 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016659.D

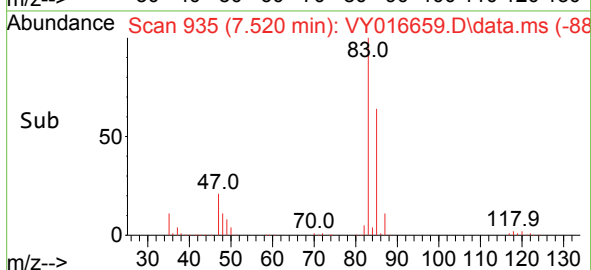
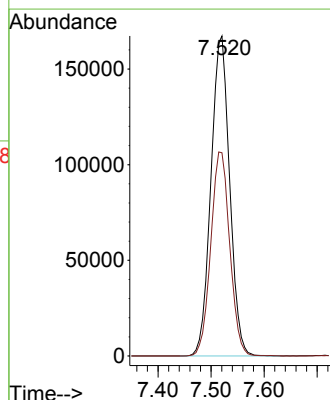
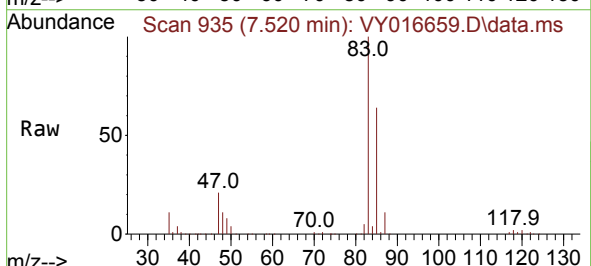
Acq: 15 Dec 2023 17:59

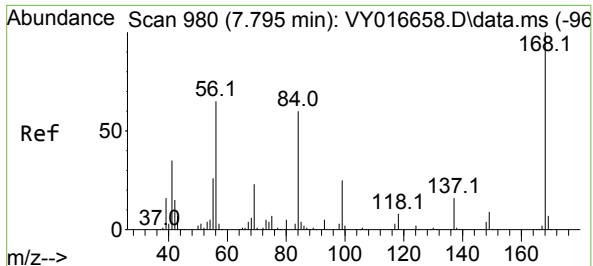
Tgt Ion: 83 Resp: 409448

Ion Ratio Lower Upper

83 100

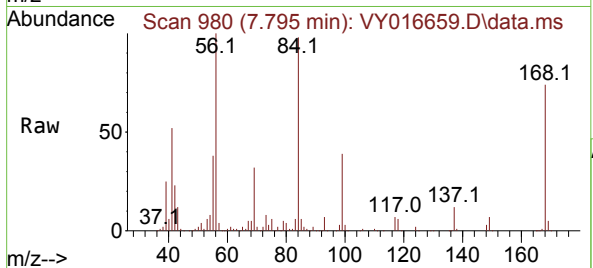
85 63.5 49.7 74.5



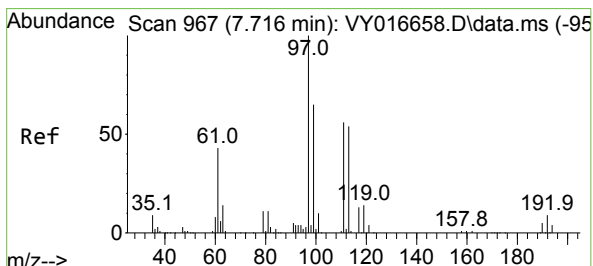
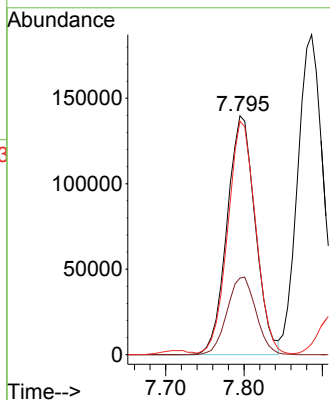
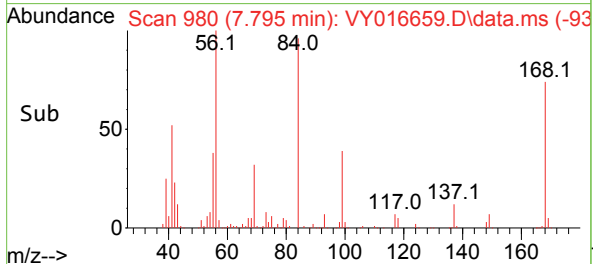


#31
Cyclohexane
Concen: 87.987 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

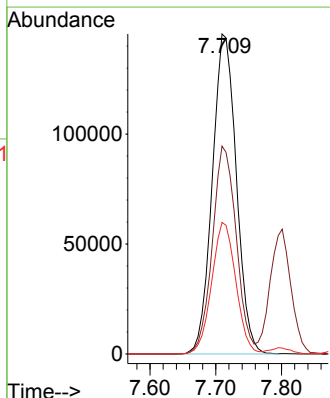
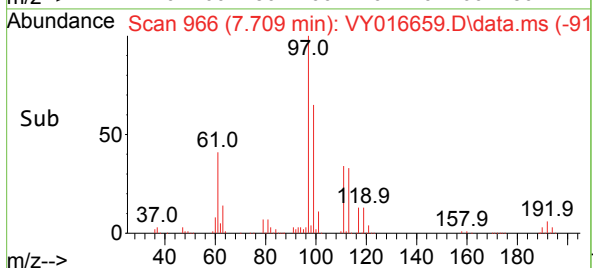
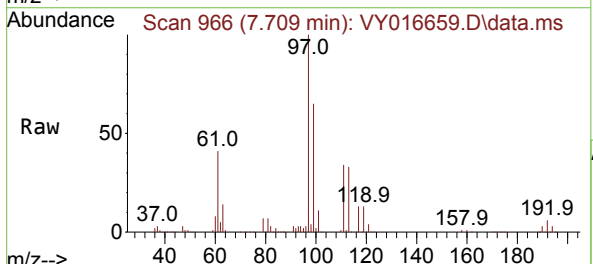


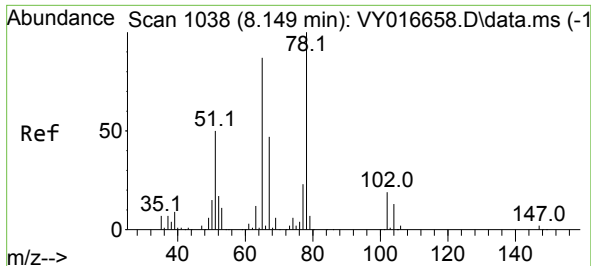
Tgt Ion: 56 Resp: 351237
Ion Ratio Lower Upper
56 100
69 32.1 27.8 41.6
84 96.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 93.411 ug/l
RT: 7.709 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 97 Resp: 370953
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.3 35.1 52.7

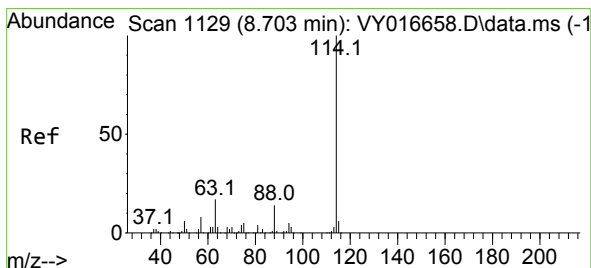
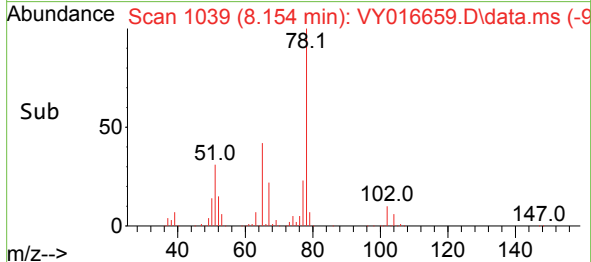
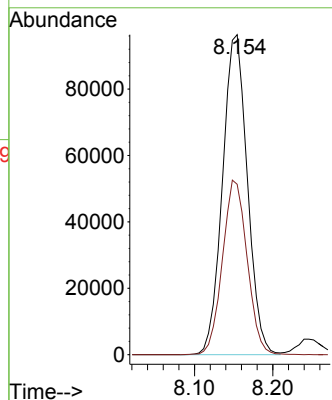
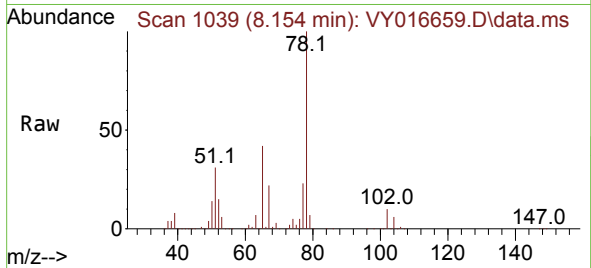




#33
 1,2-Dichloroethane-d4
 Concen: 104.841 ug/l
 RT: 8.154 min Scan# 110
 Delta R.T. 0.005 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

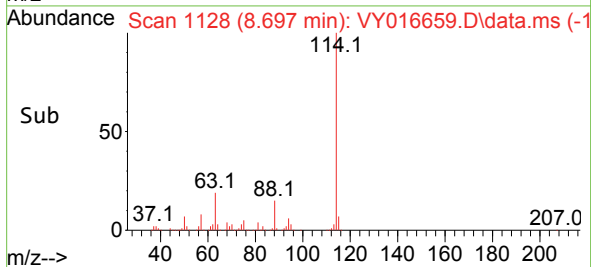
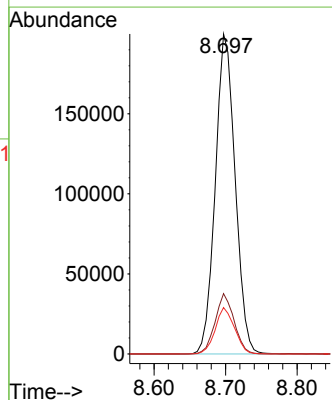
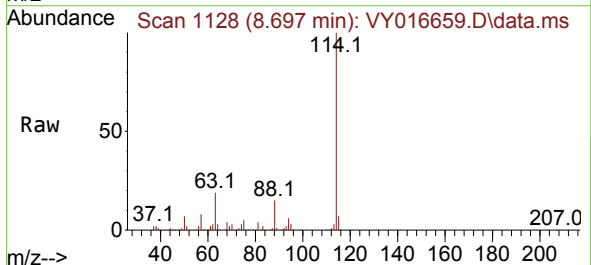
Instrument :
 MSVOA_Y
 ClientSampleId :

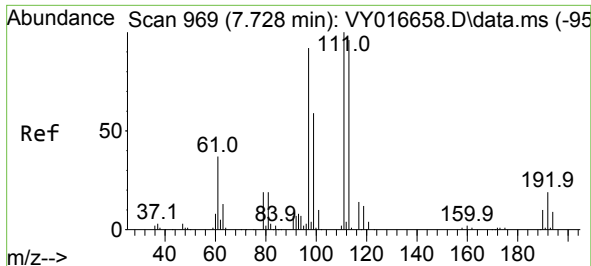
Tgt Ion: 65 Resp: 212609
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

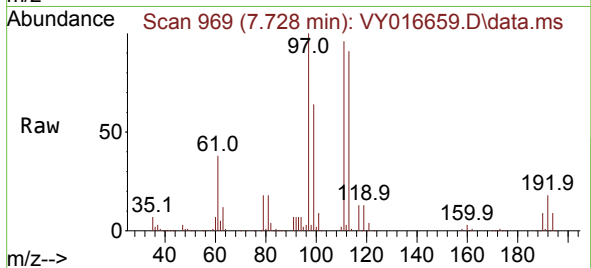
Tgt Ion:114 Resp: 385167
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.5 0.0 30.6



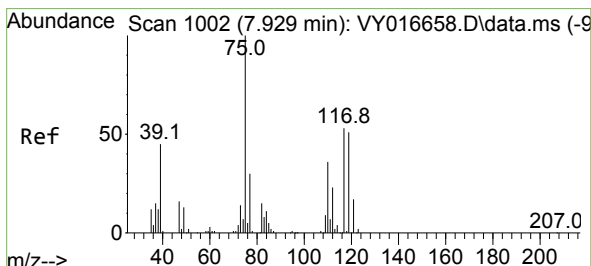
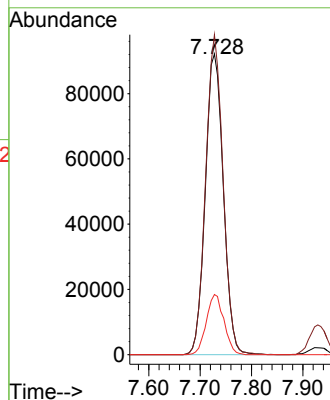
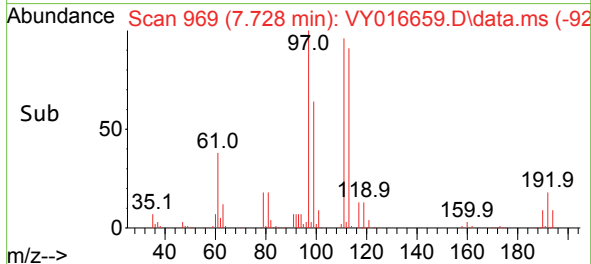


#35
Dibromofluoromethane
Concen: 108.548 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

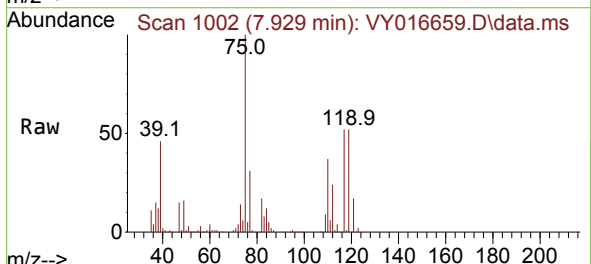
Instrument :
MSVOA_Y
ClientSampleId :



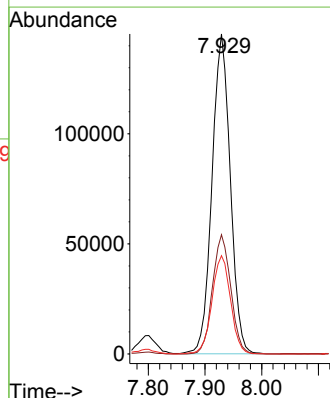
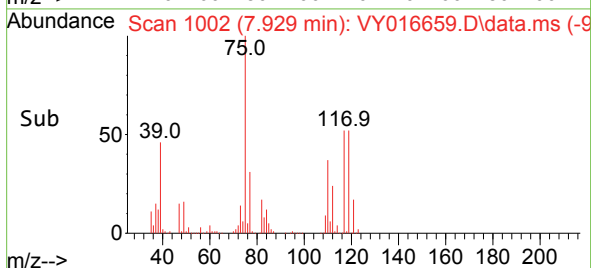
Tgt Ion:113 Resp: 224261
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.6 16.9 25.3

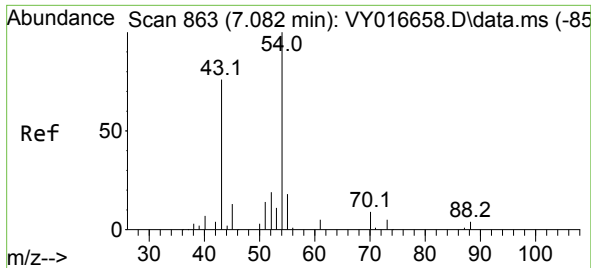


#36
1,1-Dichloropropene
Concen: 94.901 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59



Tgt Ion: 75 Resp: 324744
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.3 24.4 36.6

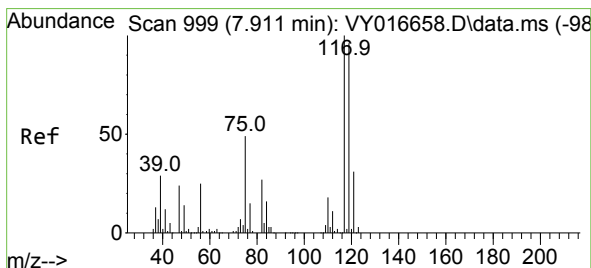
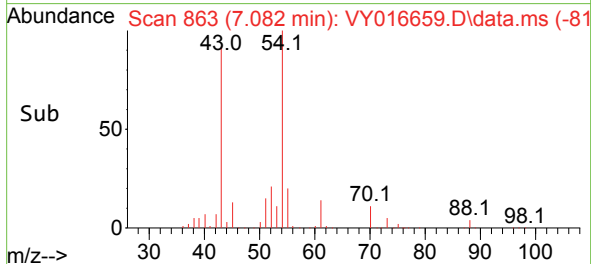
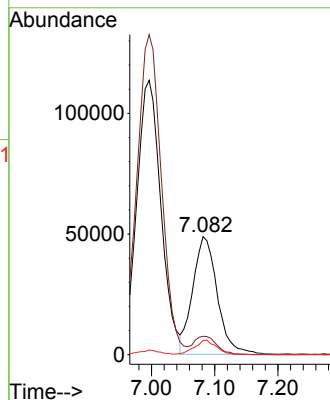
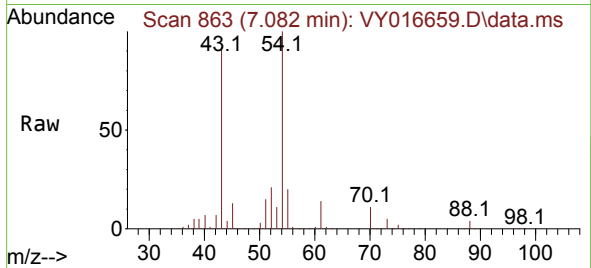




#37
Ethyl Acetate
Concen: 93.385 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

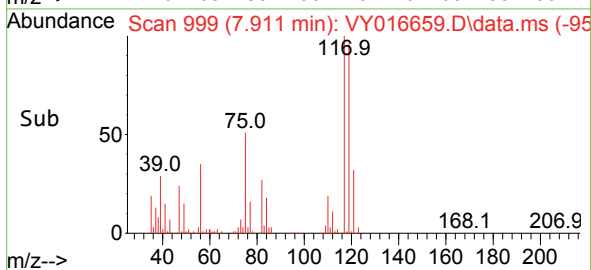
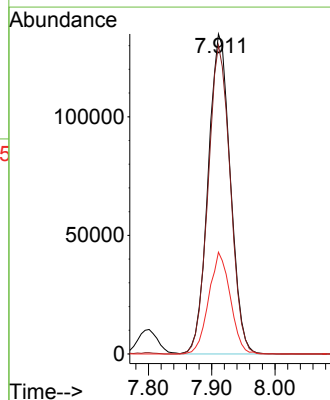
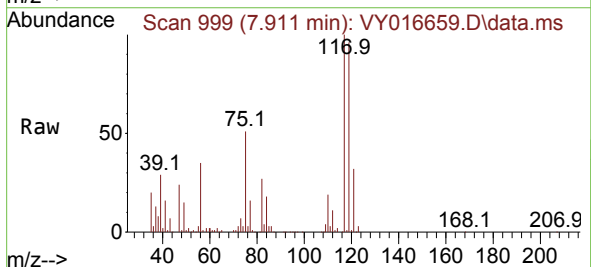
Instrument :
MSVOA_Y
ClientSampleId :

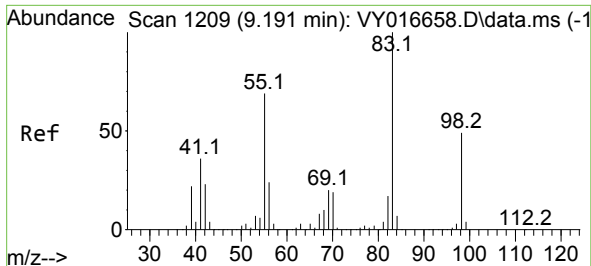
Tgt Ion: 43 Resp: 131689
Ion Ratio Lower Upper
43 100
61 14.8 10.1 15.1
70 11.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 95.843 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:117 Resp: 329434
Ion Ratio Lower Upper
117 100
119 96.5 76.4 114.6
121 31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 96.589 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

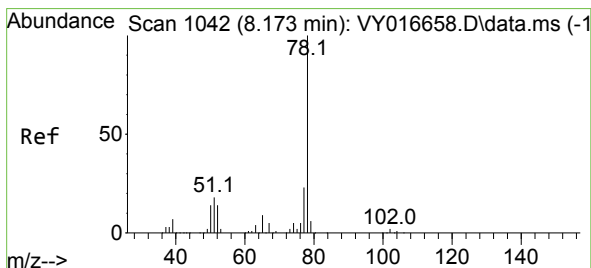
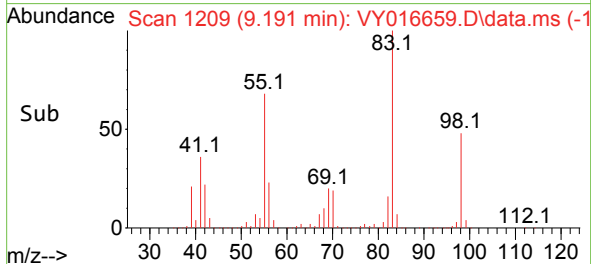
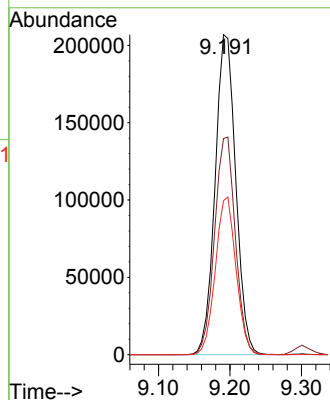
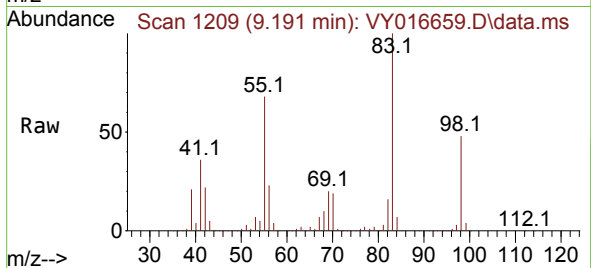
Tgt Ion: 83 Resp: 415414

Ion Ratio Lower Upper

83 100

55 67.5 63.0 94.4

98 48.1 37.4 56.2



#40

Benzene

Concen: 95.258 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016659.D

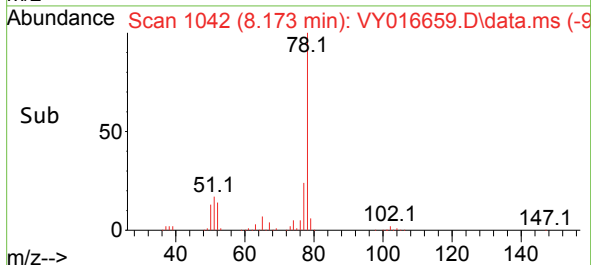
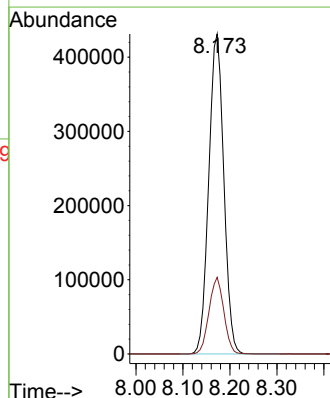
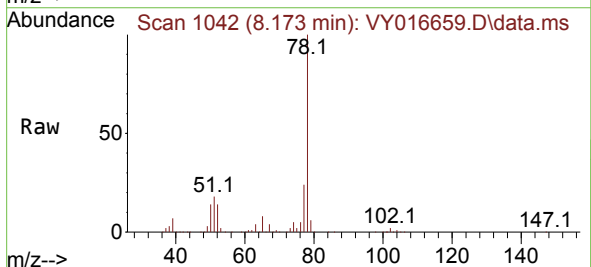
Acq: 15 Dec 2023 17:59

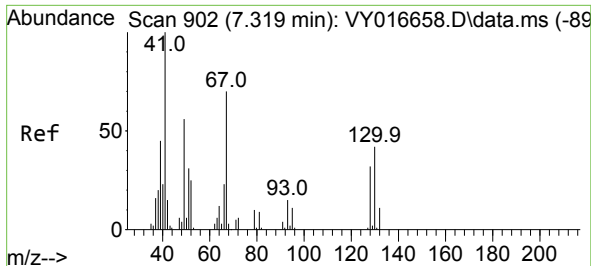
Tgt Ion: 78 Resp: 955352

Ion Ratio Lower Upper

78 100

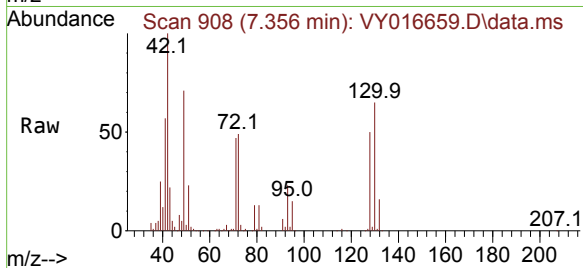
77 24.0 19.0 28.6



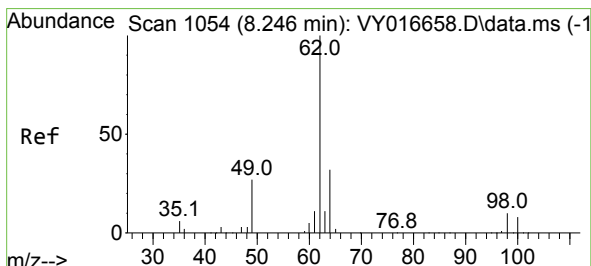
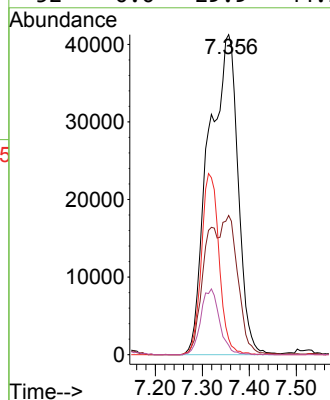
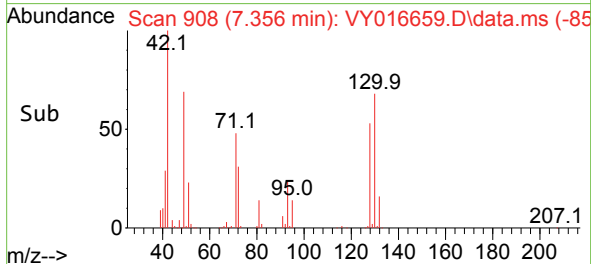


#41
Methacrylonitrile
Concen: 238.196 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.036 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

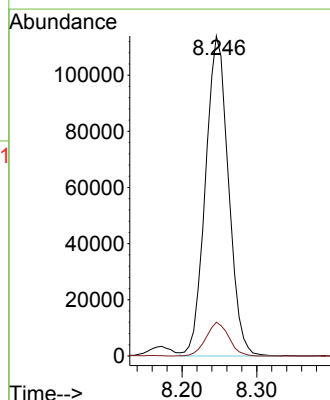
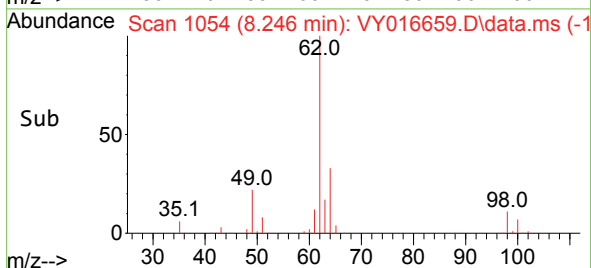
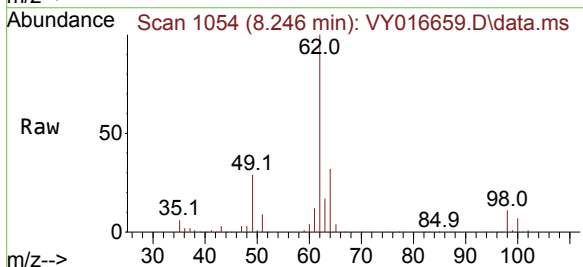


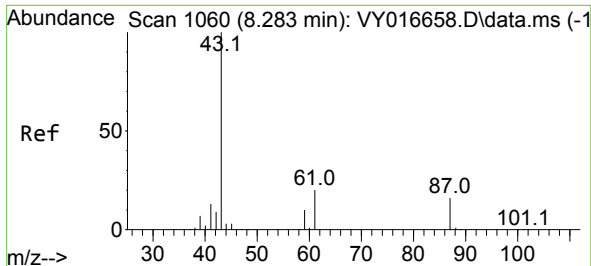
Tgt Ion: 41 Resp: 178370
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 95.129 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 62 Resp: 243844
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

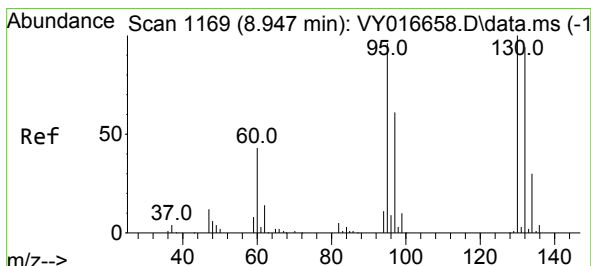
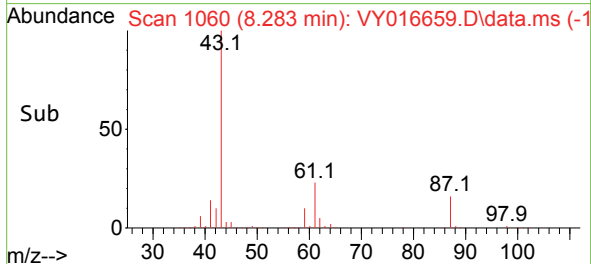
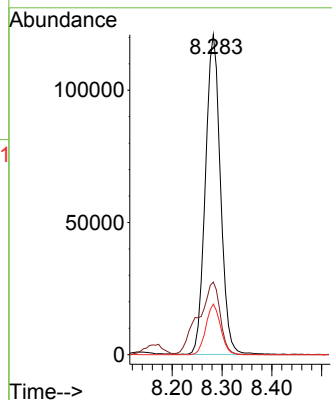
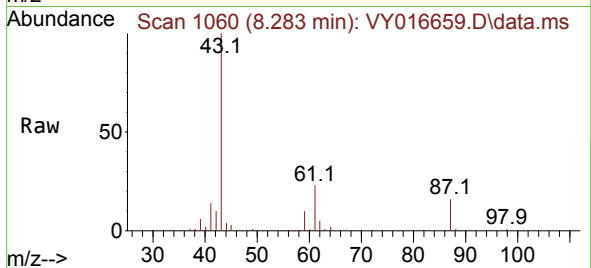




#43
Isopropyl Acetate
Concen: 97.733 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

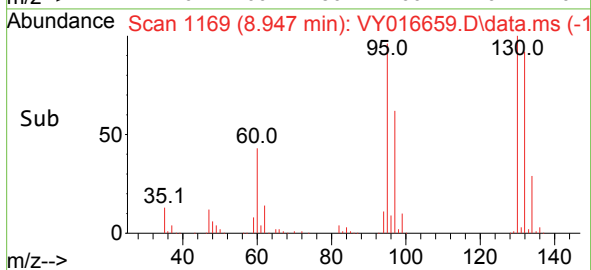
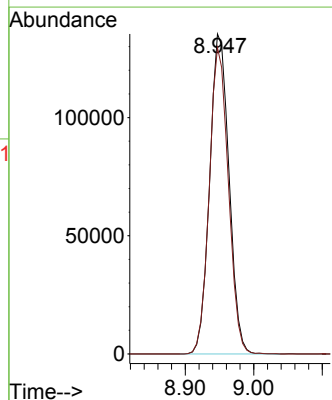
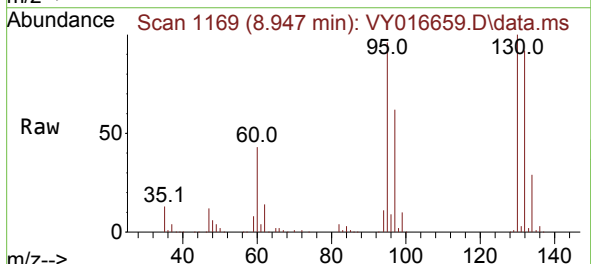
Instrument :
MSVOA_Y
ClientSampleId :

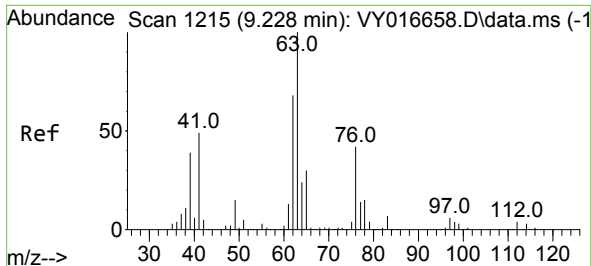
Tgt Ion: 43 Resp: 253294
Ion Ratio Lower Upper
43 100
61 32.5 21.1 31.7#
87 15.5 9.8 14.8#



#44
Trichloroethene
Concen: 94.915 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:130 Resp: 265115
Ion Ratio Lower Upper
130 100
95 95.8 0.0 196.0

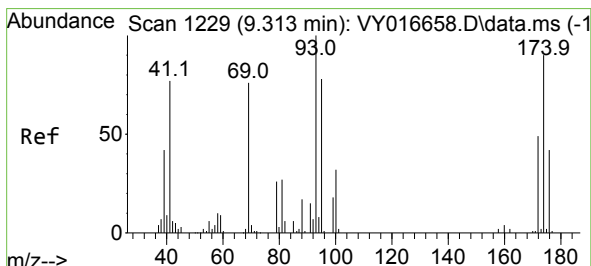
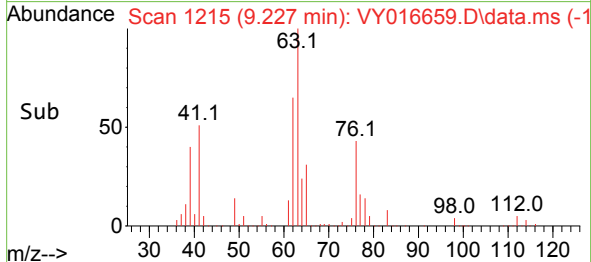
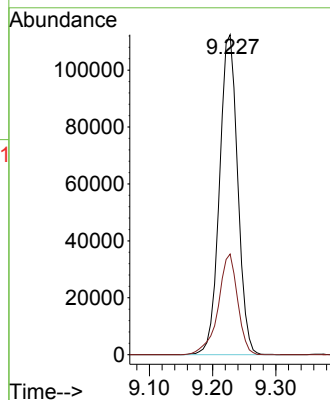
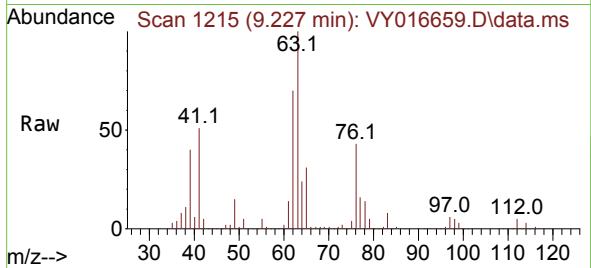




#45
1,2-Dichloropropane
Concen: 95.439 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

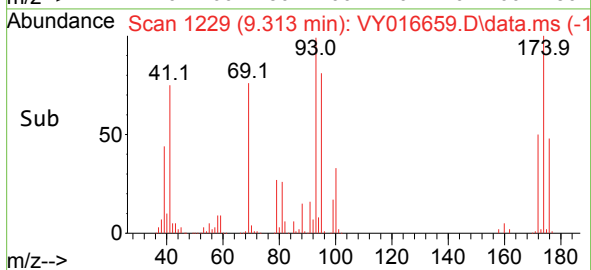
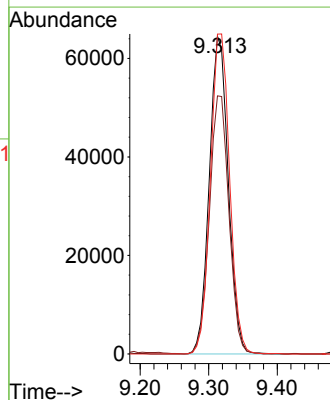
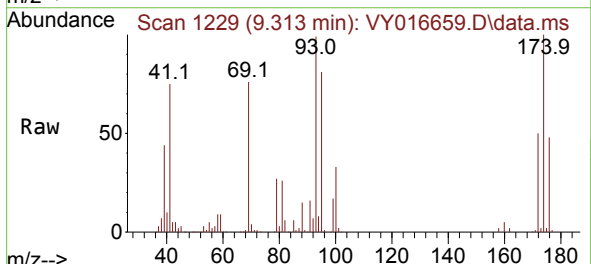
Instrument :
MSVOA_Y
ClientSampleId :

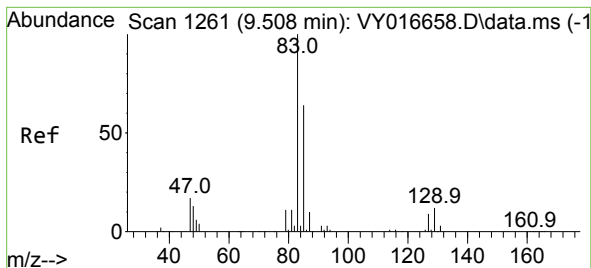
Tgt Ion: 63 Resp: 223612
Ion Ratio Lower Upper
63 100
65 31.4 23.8 35.6



#46
Dibromomethane
Concen: 96.202 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 93 Resp: 124651
Ion Ratio Lower Upper
93 100
95 83.3 66.6 100.0
174 101.8 84.8 127.2





#47

Bromodichloromethane

Concen: 96.234 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

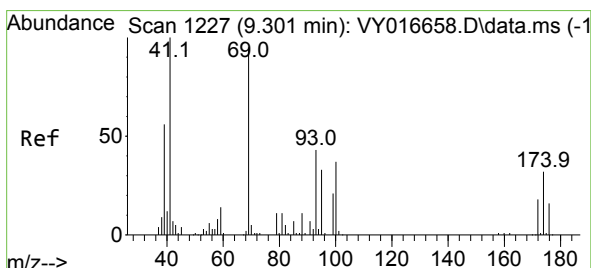
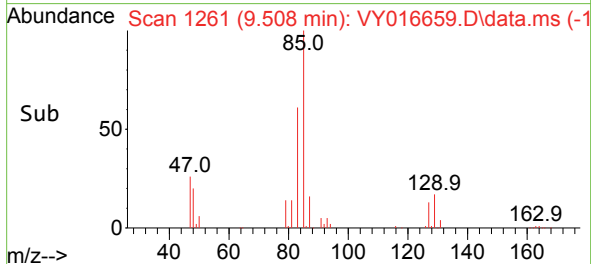
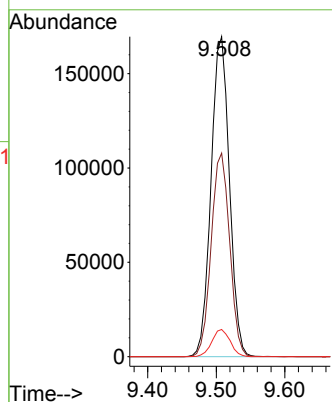
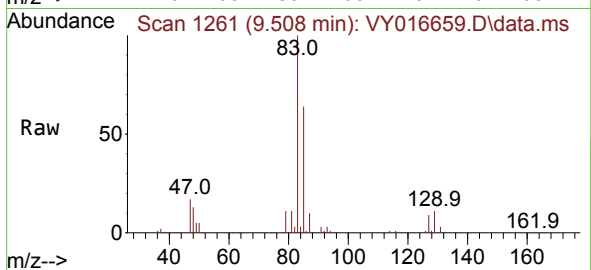
Tgt Ion: 83 Resp: 315058

Ion Ratio Lower Upper

83 100

85 63.6 50.1 75.1

127 8.5 7.1 10.7



#48

Methyl methacrylate

Concen: 100.238 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

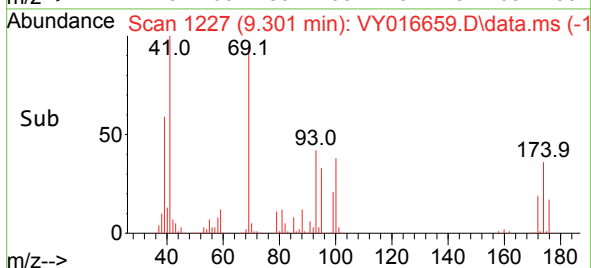
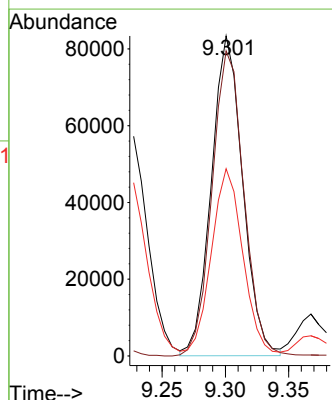
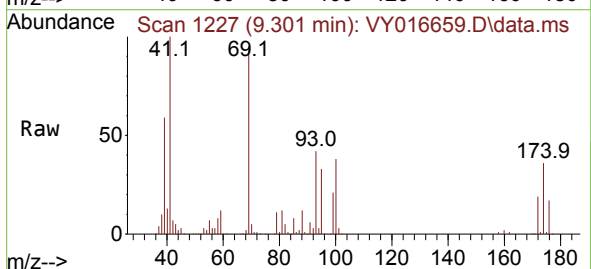
Tgt Ion: 41 Resp: 143854

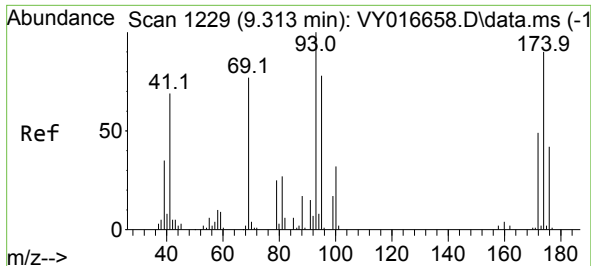
Ion Ratio Lower Upper

41 100

69 96.9 64.5 96.7#

39 56.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1900.794 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

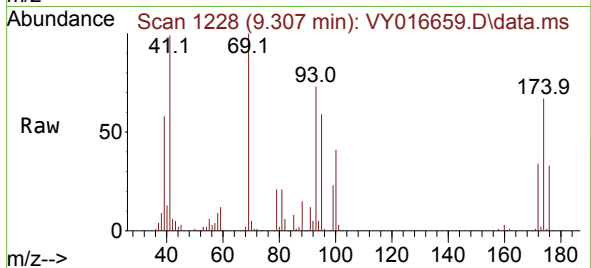
Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :



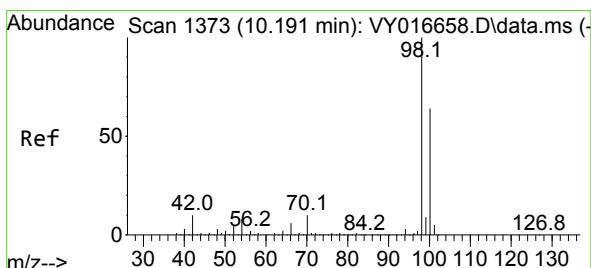
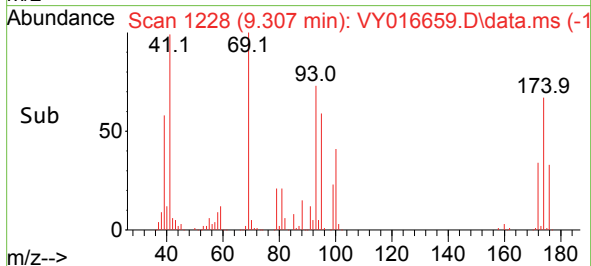
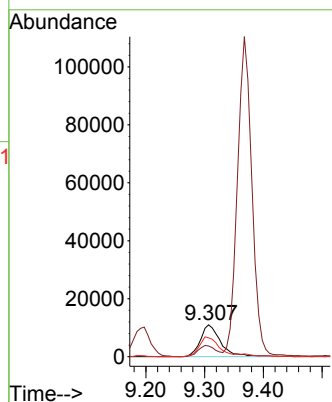
Tgt Ion: 88 Resp: 26383

Ion Ratio Lower Upper

88 100

43 31.6 0.0 0.0#

58 59.3 30.9 46.3#



#50

Toluene-d8

Concen: 104.815 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016659.D

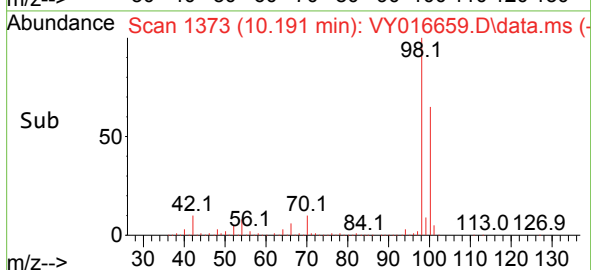
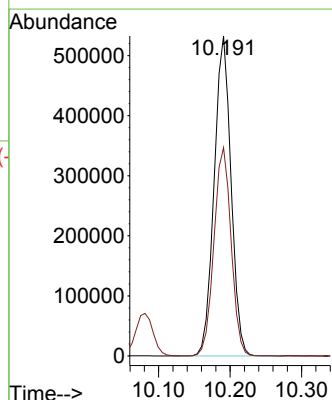
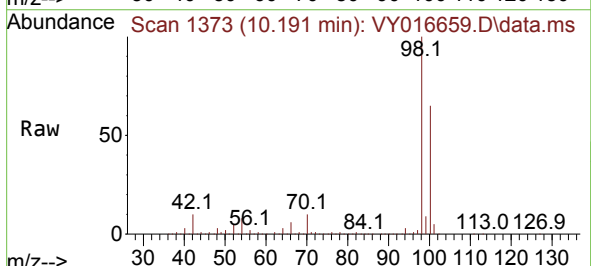
Acq: 15 Dec 2023 17:59

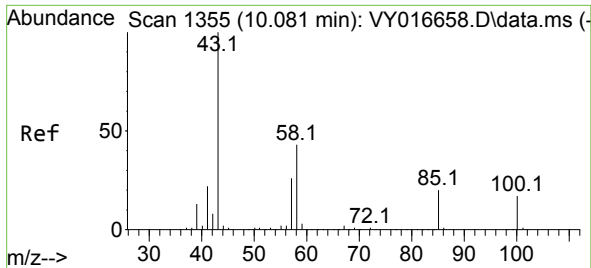
Tgt Ion: 98 Resp: 873082

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

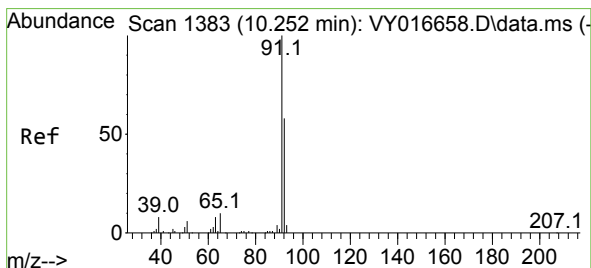
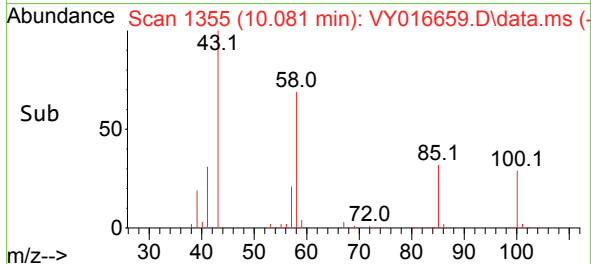
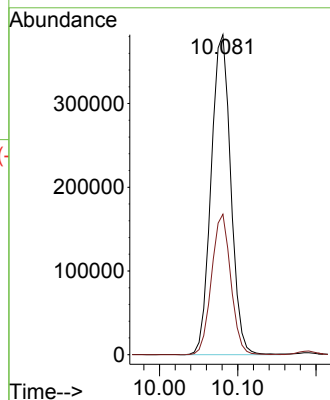
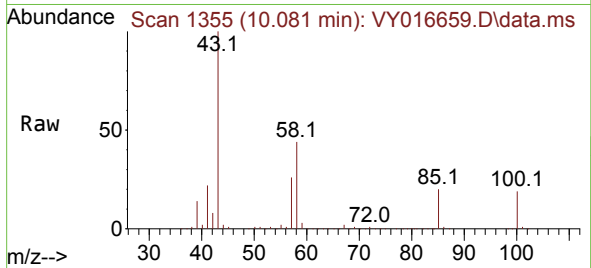




#51
4-Methyl-2-Pentanone
Concen: 489.484 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

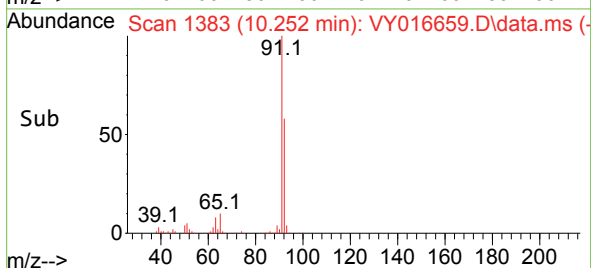
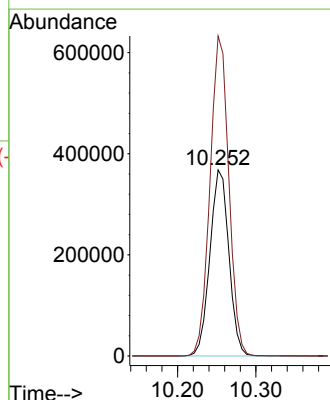
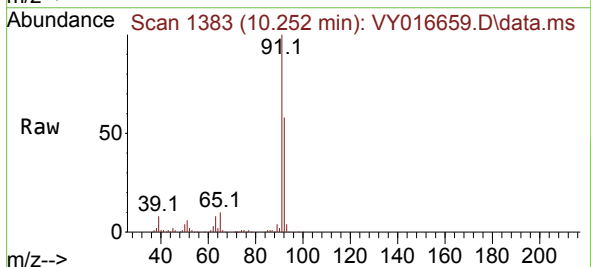
Instrument :
MSVOA_Y
ClientSampleId :

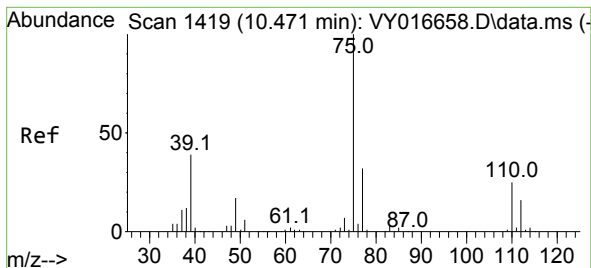
Tgt Ion: 43 Resp: 665332
Ion Ratio Lower Upper
43 100
58 43.0 29.0 43.6



#52
Toluene
Concen: 98.411 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 92 Resp: 618237
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6

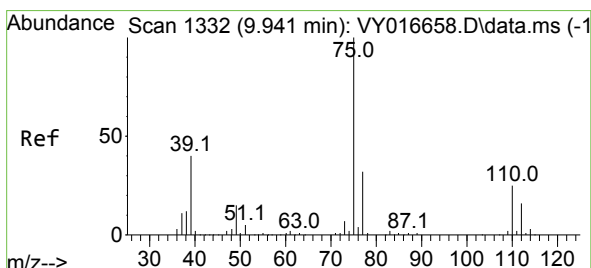
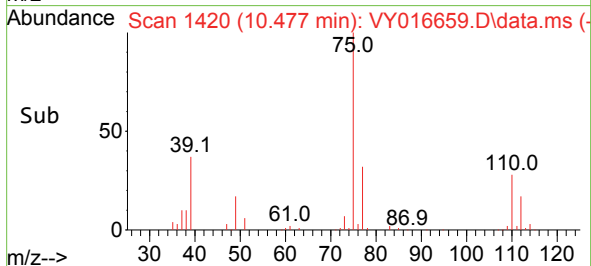
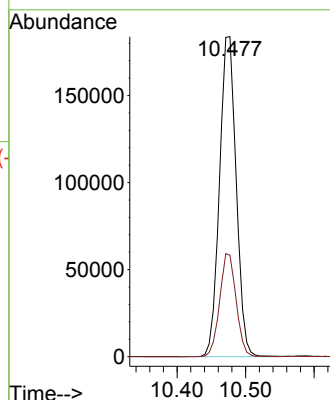
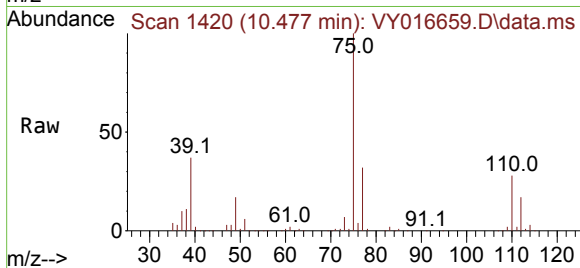




#53
 t-1,3-Dichloropropene
 Concen: 100.477 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

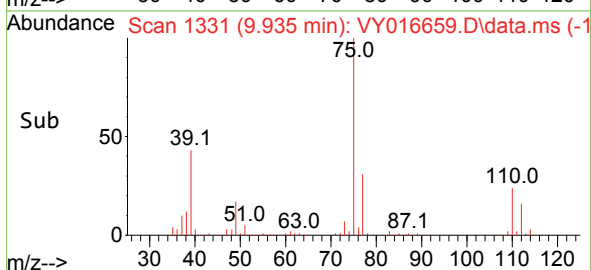
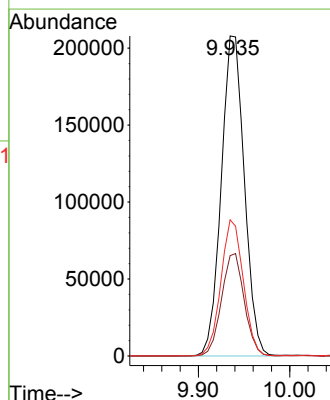
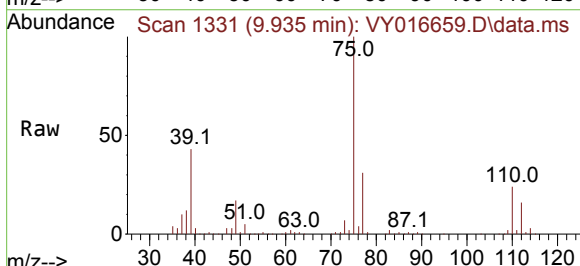
Instrument :
 MSVOA_Y
 ClientSampleId :

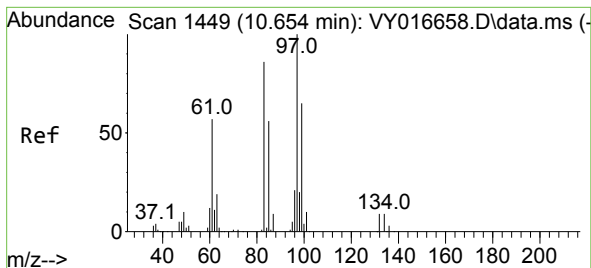
Tgt Ion: 75 Resp: 310322
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 98.583 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

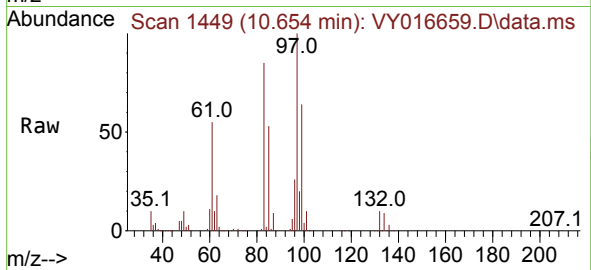
Tgt Ion: 75 Resp: 366075
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.2 36.4
 39 42.5 42.2 63.4



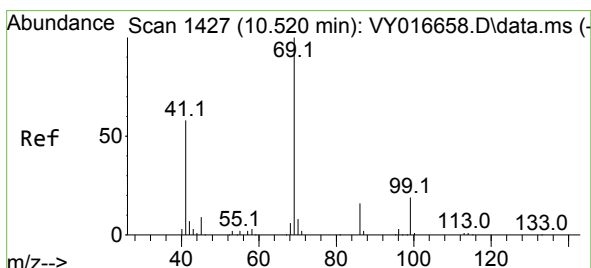
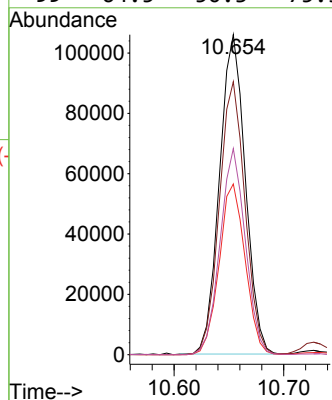
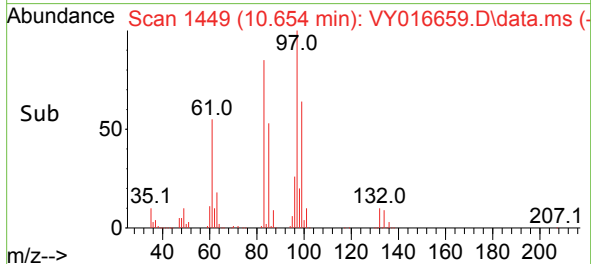


#55
1,1,2-Trichloroethane
Concen: 95.207 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

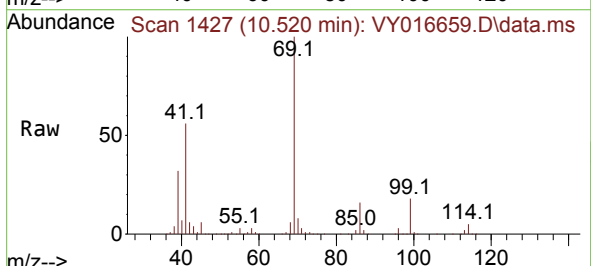
Instrument :
MSVOA_Y
ClientSampleId :



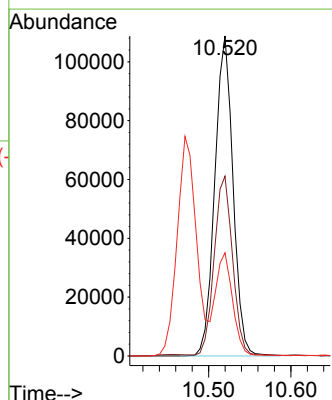
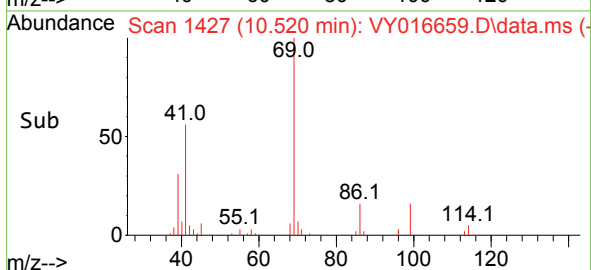
Tgt Ion:	97	Resp:	173337
Ion	Ratio	Lower	Upper
97	100		
83	85.5	72.0	108.0
85	53.5	45.4	68.0
99	64.5	50.3	75.5

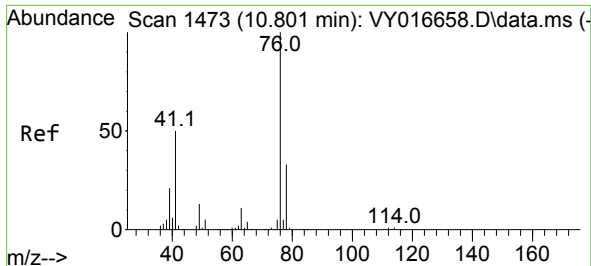


#56
Ethyl methacrylate
Concen: 106.066 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59



Tgt Ion:	69	Resp:	167426
Ion	Ratio	Lower	Upper
69	100		
41	56.6	57.6	86.4#
39	29.3	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 96.677 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

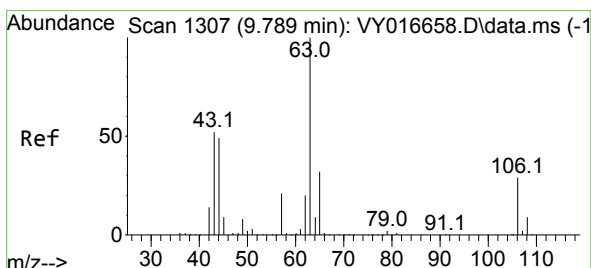
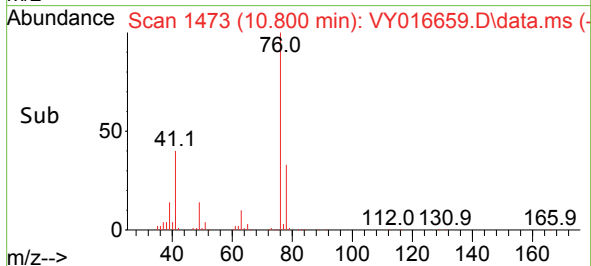
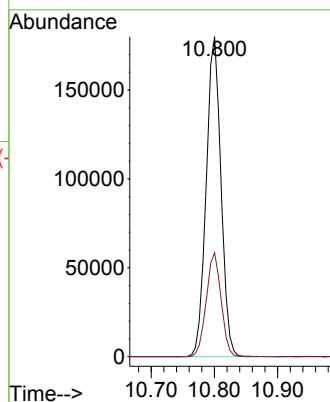
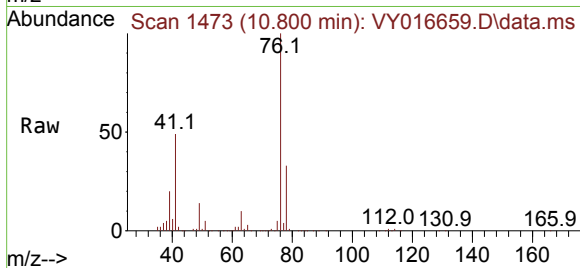
ClientSampleId :

Tgt Ion: 76 Resp: 292930

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 499.377 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016659.D

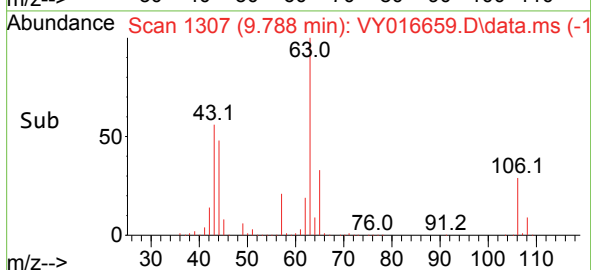
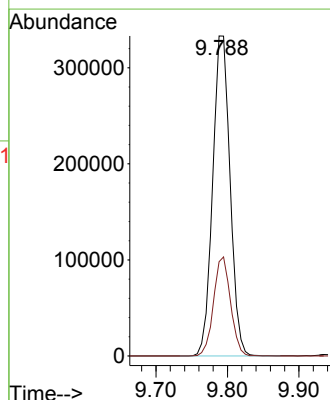
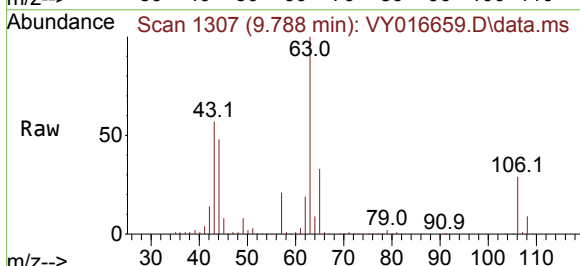
Acq: 15 Dec 2023 17:59

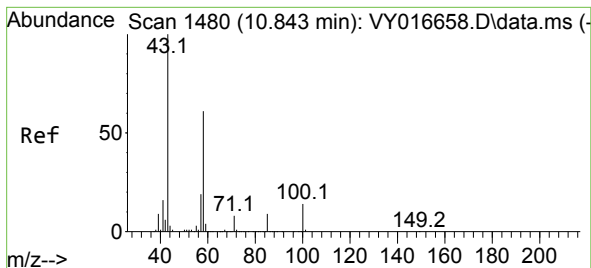
Tgt Ion: 63 Resp: 562652

Ion Ratio Lower Upper

63 100

106 30.2 21.2 31.8

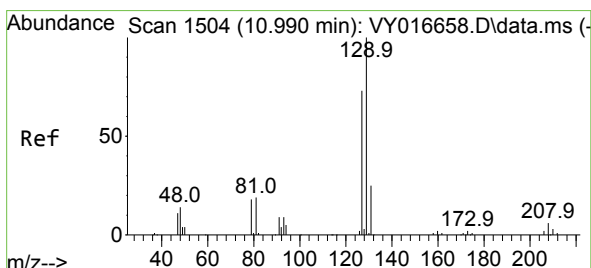
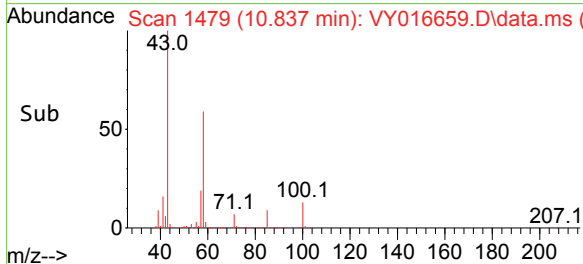
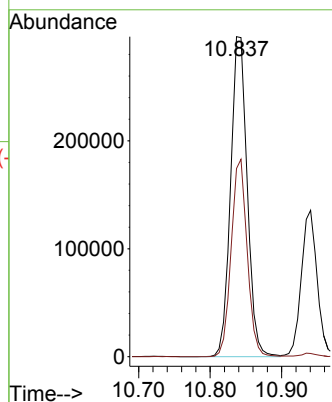
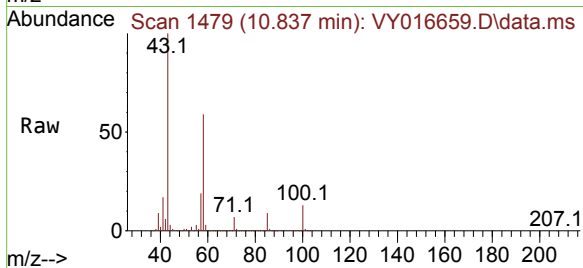




#59
2-Hexanone
Concen: 428.909 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

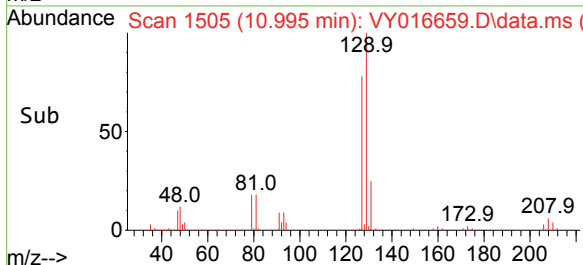
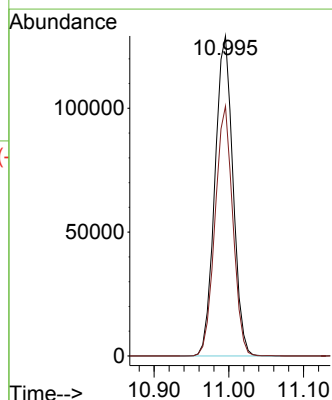
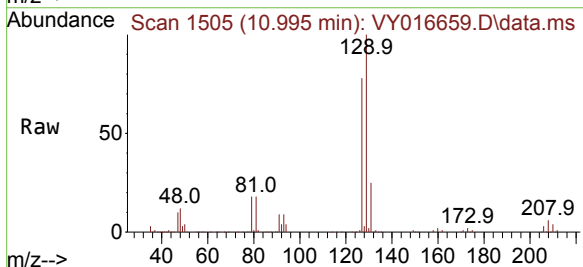
Instrument :
MSVOA_Y
ClientSampleId :

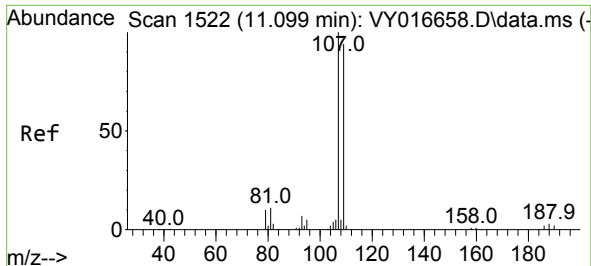
Tgt Ion: 43 Resp: 478293
Ion Ratio Lower Upper
43 100
58 59.5 25.1 75.3



#60
Dibromochloromethane
Concen: 98.331 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:129 Resp: 216964
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

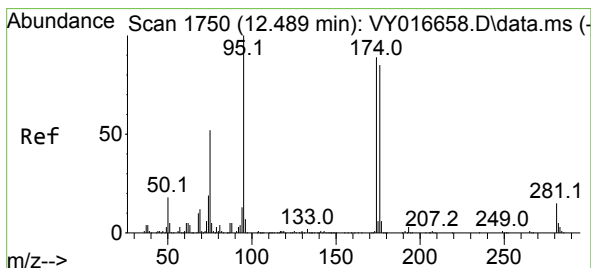
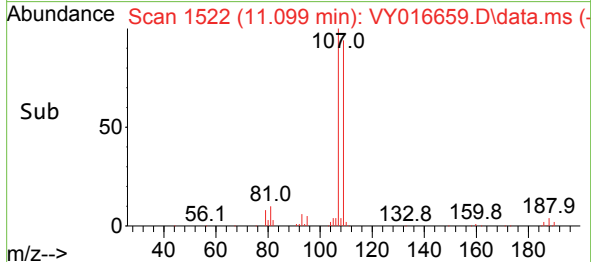
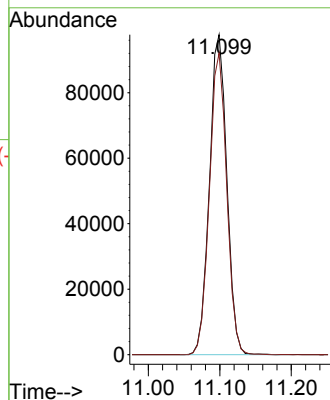
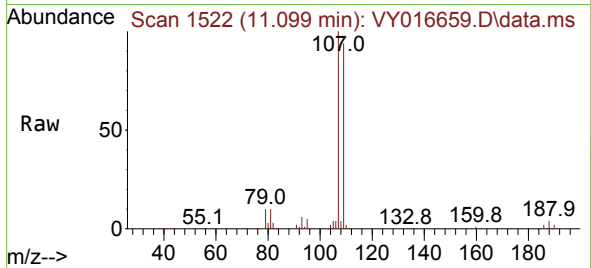




#61
1,2-Dibromoethane
Concen: 96.547 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

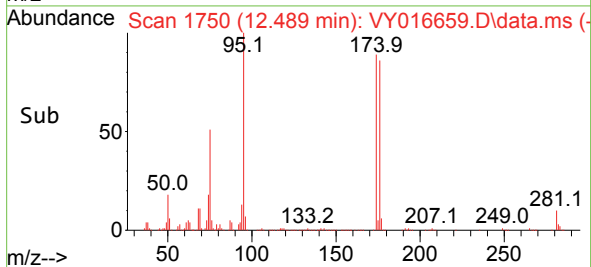
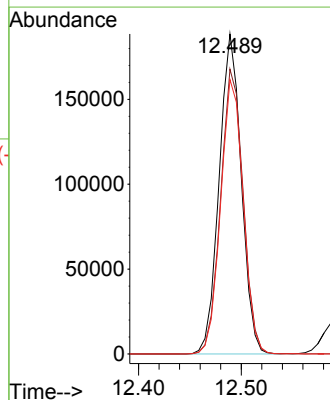
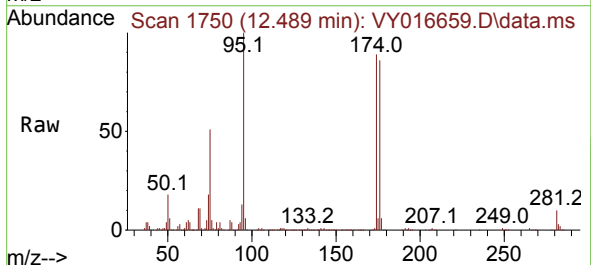
Instrument :
MSVOA_Y
ClientSampleId :

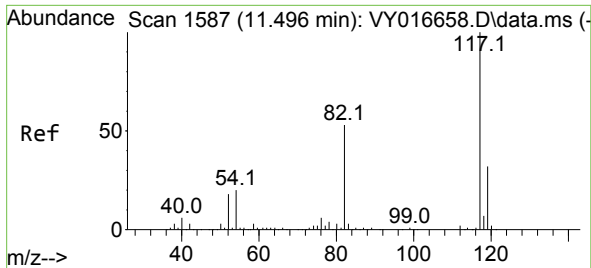
Tgt Ion:107 Resp: 164976
Ion Ratio Lower Upper
107 100
109 93.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 106.197 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

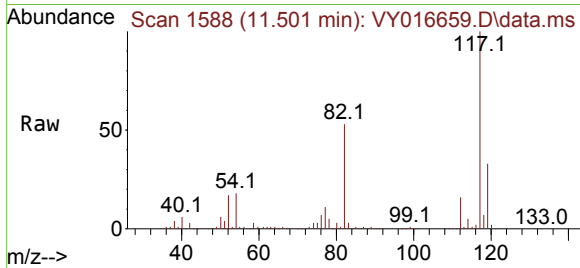
Tgt Ion: 95 Resp: 281172
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 87.5 0.0 173.8



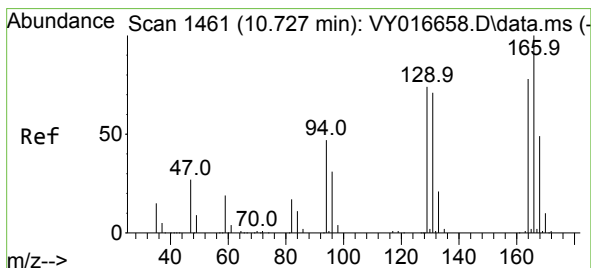
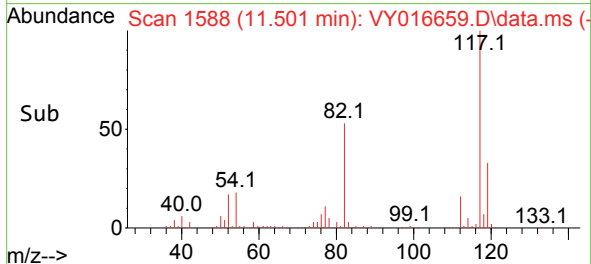
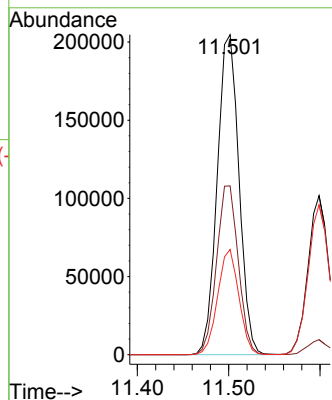


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Instrument :
MSVOA_Y
ClientSampleId :

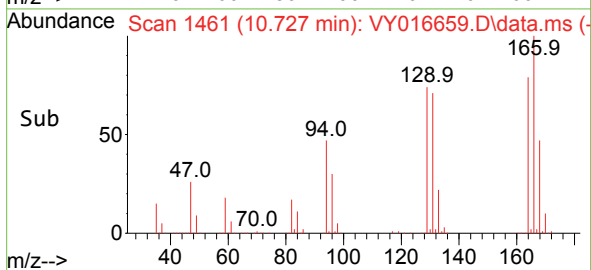
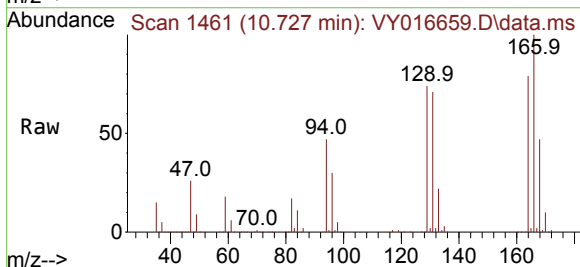
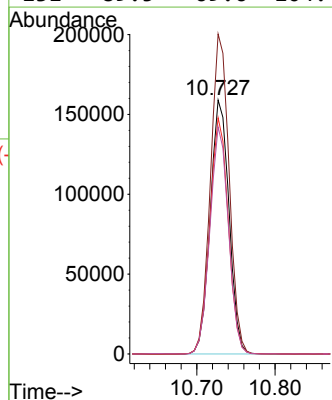


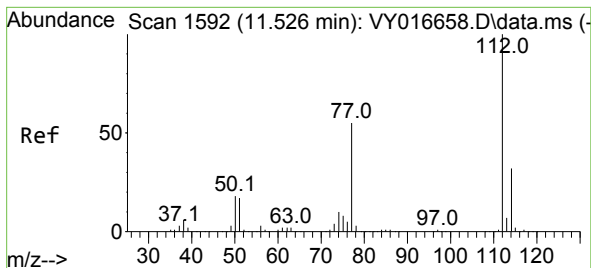
Tgt Ion:117 Resp: 339093
Ion Ratio Lower Upper
117 100
82 52.7 43.4 65.0
119 32.9 26.3 39.5



#64
Tetrachloroethene
Concen: 95.158 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:164 Resp: 264358
Ion Ratio Lower Upper
164 100
166 126.0 103.0 154.6
129 93.0 77.2 115.8
131 89.5 69.6 104.4





#65

Chlorobenzene

Concen: 95.136 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

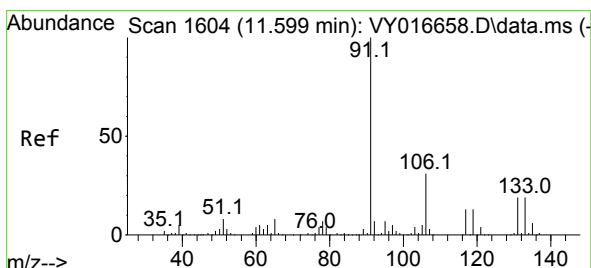
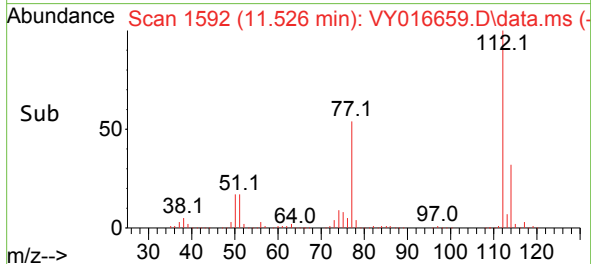
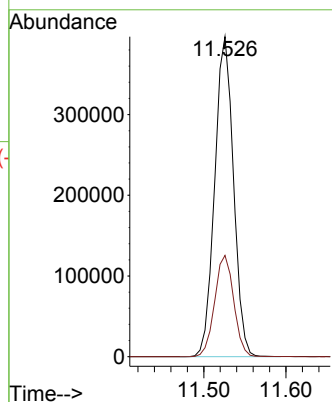
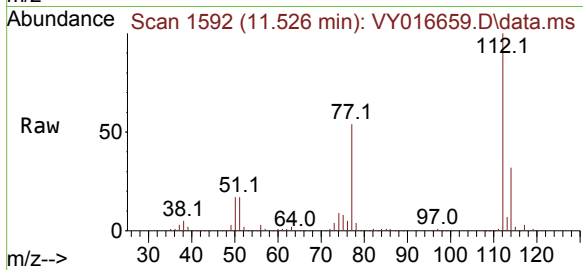
ClientSampleId :

Tgt Ion:112 Resp: 629238

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 98.274 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

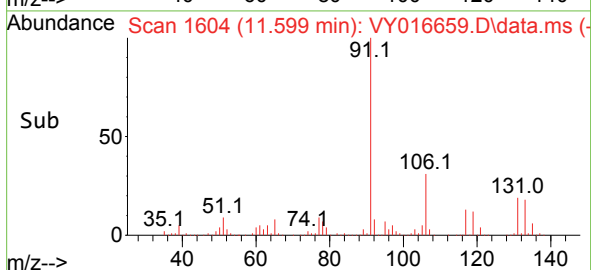
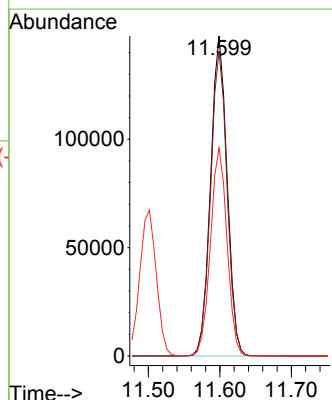
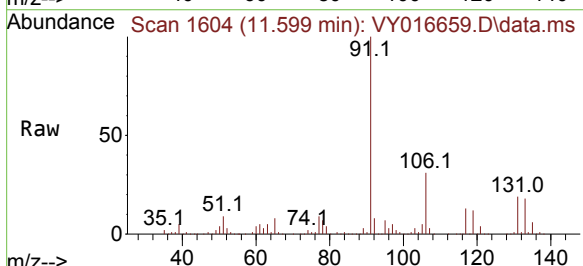
Tgt Ion:131 Resp: 237716

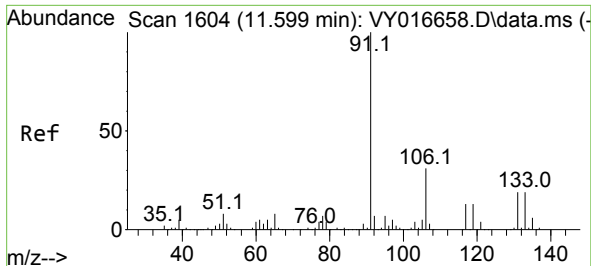
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 64.8 31.6 94.7





#67

Ethyl Benzene

Concen: 98.262 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

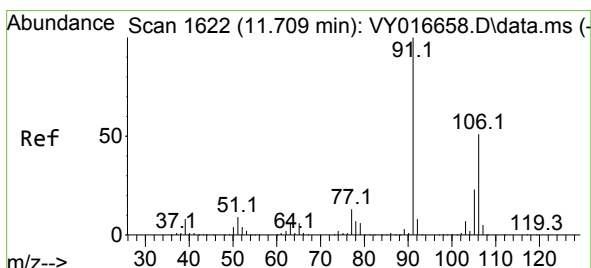
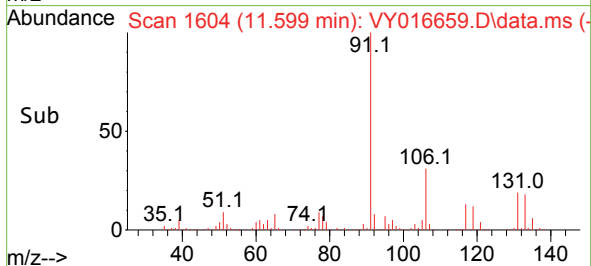
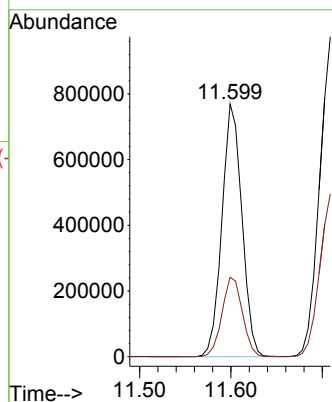
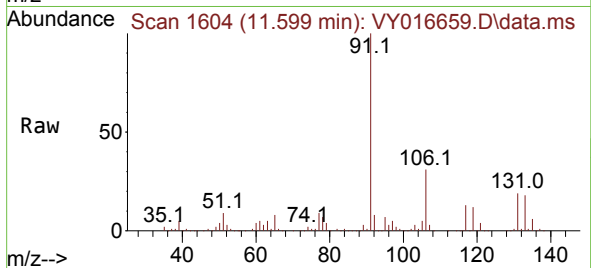
ClientSampleId :

Tgt Ion: 91 Resp: 1169253

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 198.251 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016659.D

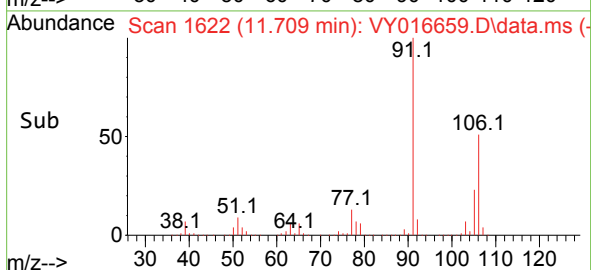
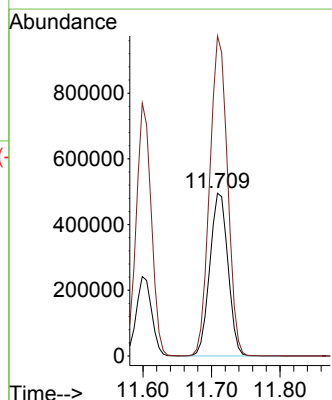
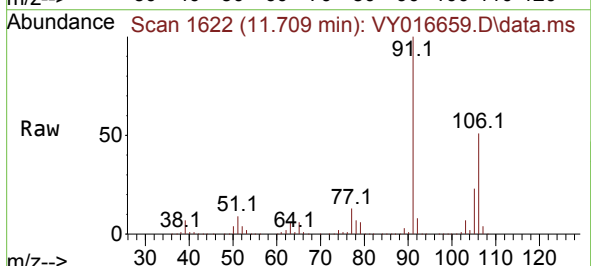
Acq: 15 Dec 2023 17:59

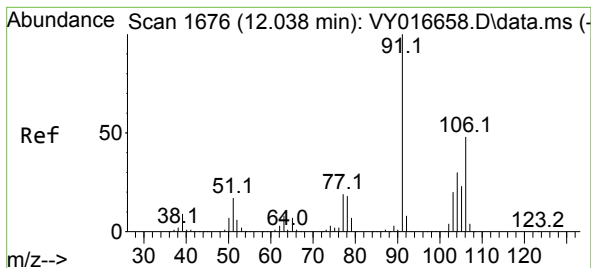
Tgt Ion:106 Resp: 910092

Ion Ratio Lower Upper

106 100

91 193.5 166.1 249.1

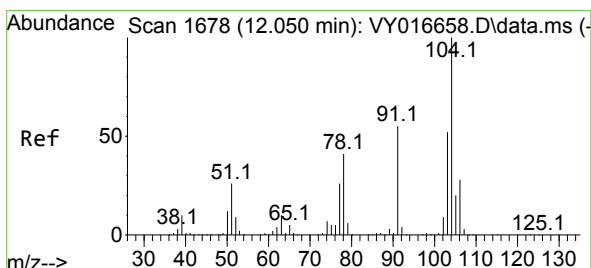
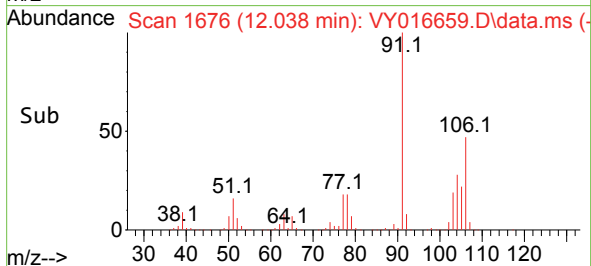
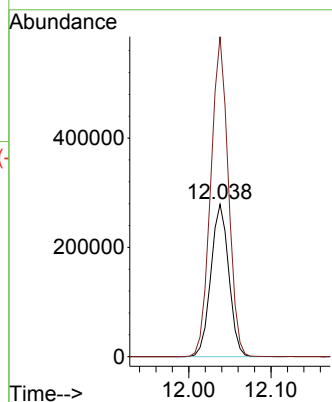
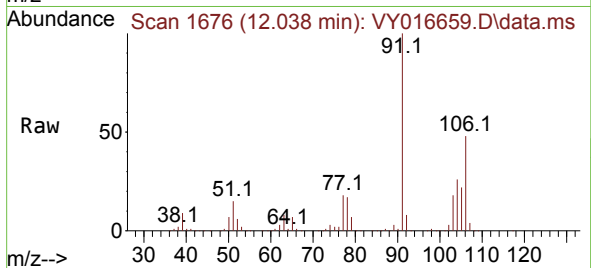




#69
o-Xylene
Concen: 100.300 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

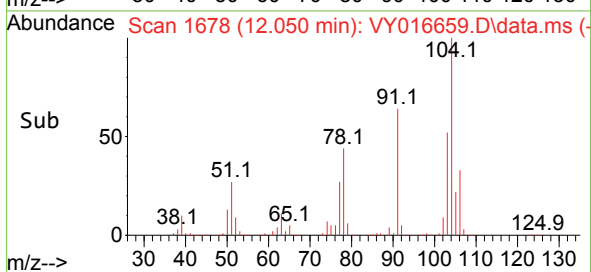
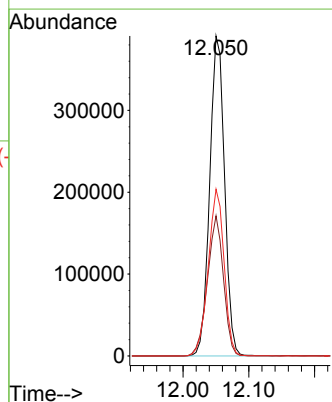
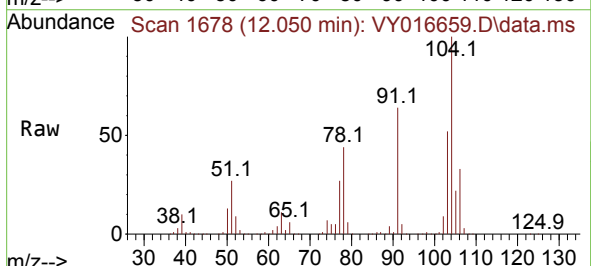
Instrument :
MSVOA_Y
ClientSampleId :

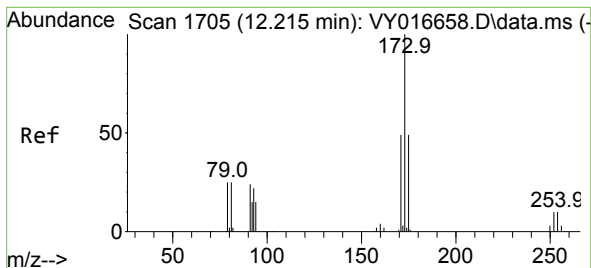
Tgt Ion:106 Resp: 421156
Ion Ratio Lower Upper
106 100
91 205.9 108.1 324.3



#70
Styrene
Concen: 101.149 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion:104 Resp: 615346
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 55.6 44.6 67.0





#71

Bromoform

Concen: 98.413 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

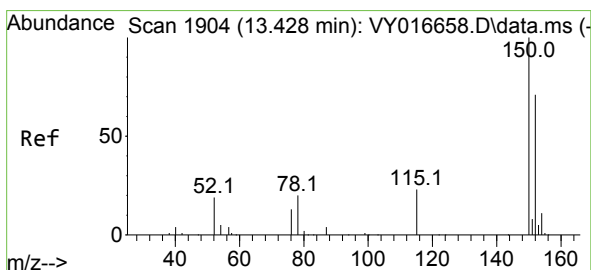
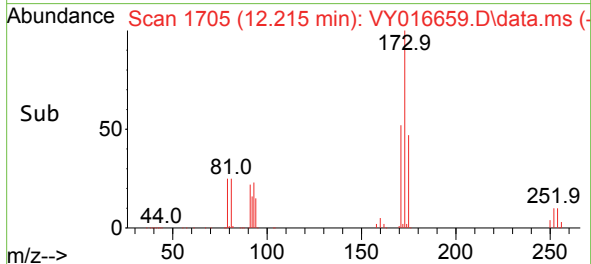
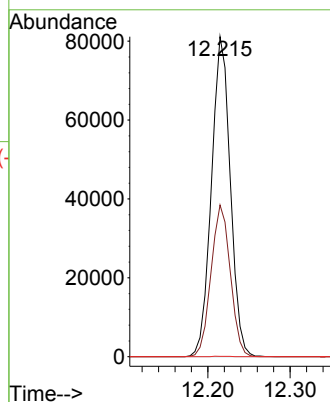
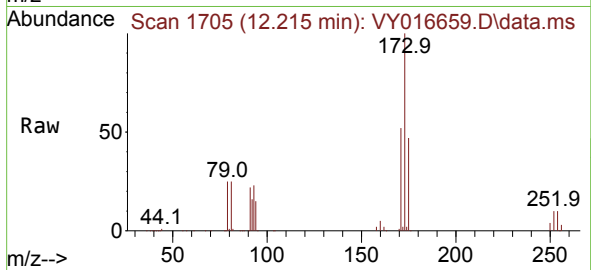
Tgt Ion:173 Resp: 129097

Ion Ratio Lower Upper

173 100

175 48.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

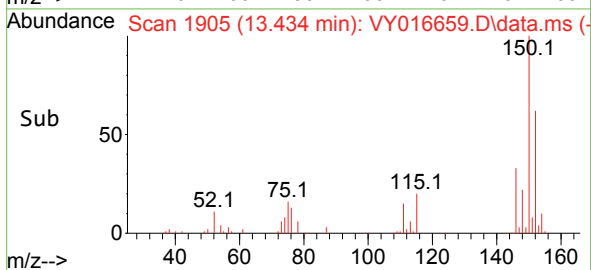
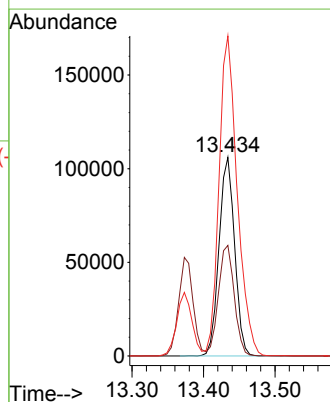
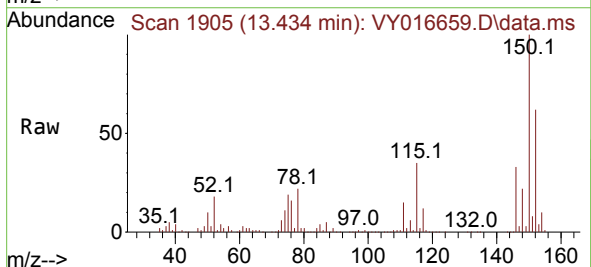
Tgt Ion:152 Resp: 160886

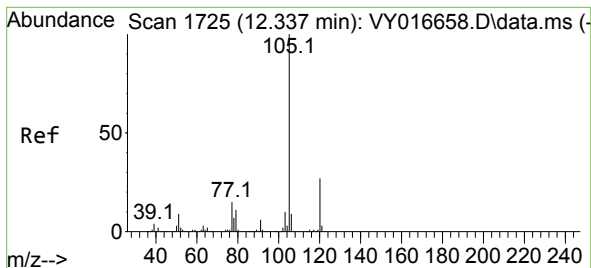
Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 187.4 0.0 348.8





#73

Isopropylbenzene

Concen: 98.012 ug/l

RT: 12.337 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

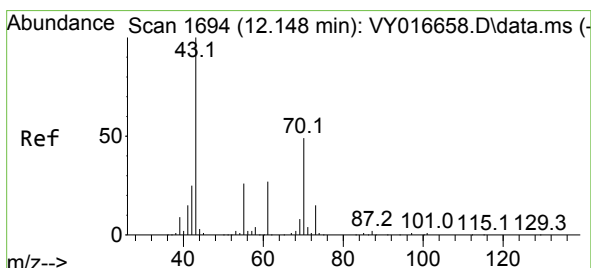
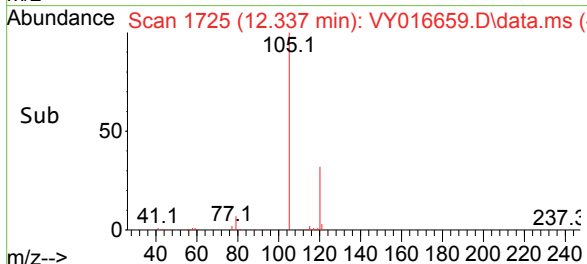
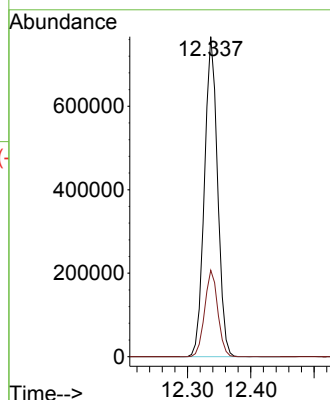
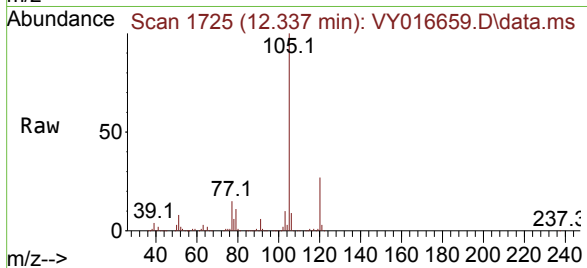
ClientSampleId :

Tgt Ion:105 Resp: 1109159

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 101.120 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Tgt Ion: 43 Resp: 214483

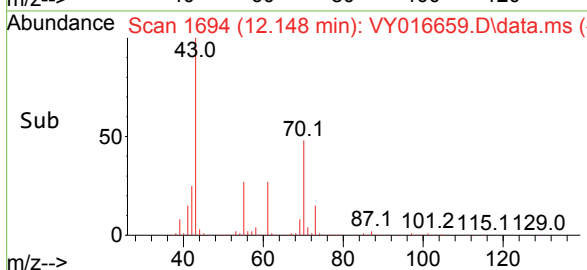
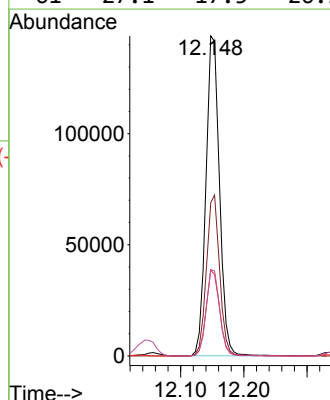
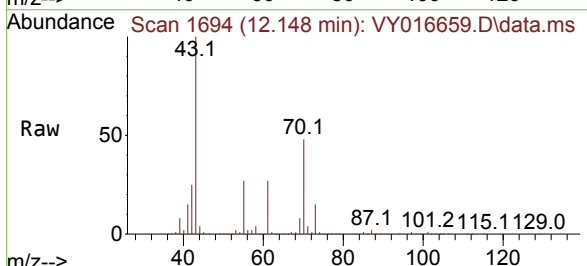
Ion Ratio Lower Upper

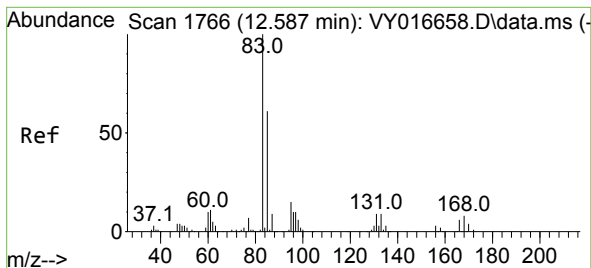
43 100

70 49.2 29.7 44.5#

55 26.8 18.3 27.5

61 27.1 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 92.645 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

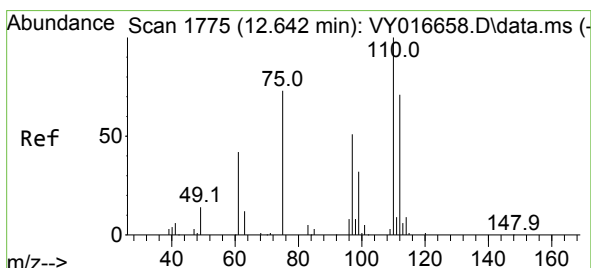
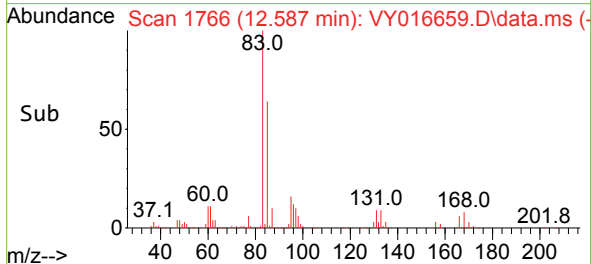
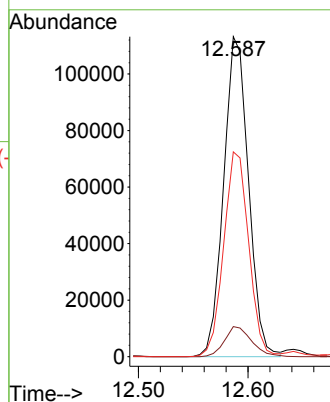
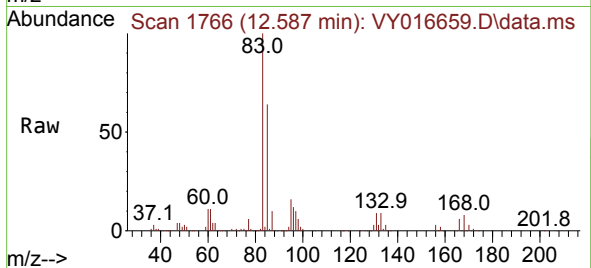
Tgt Ion: 83 Resp: 178361

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 161.623 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016659.D

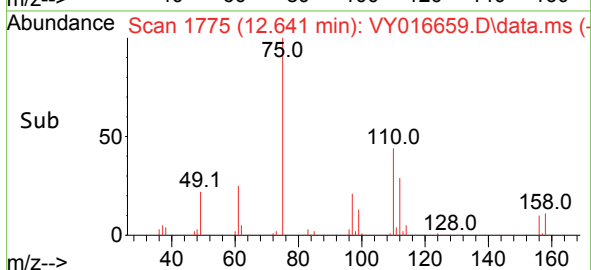
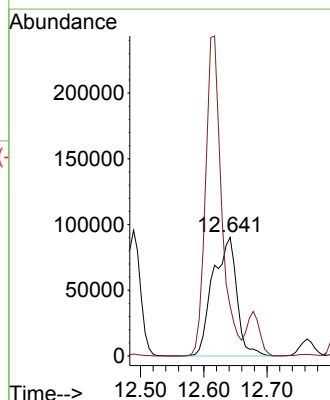
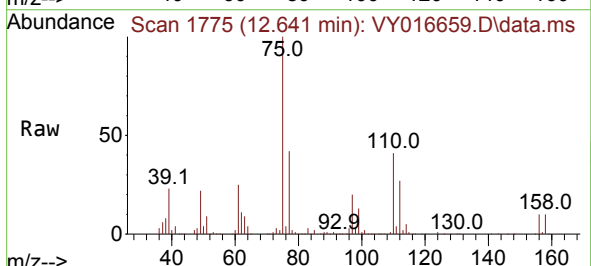
Acq: 15 Dec 2023 17:59

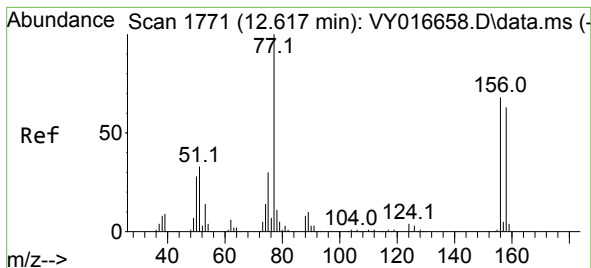
Tgt Ion: 75 Resp: 237116

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 96.418 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

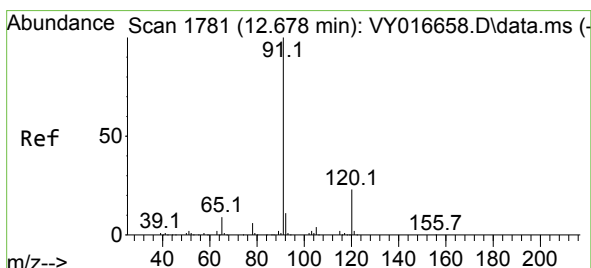
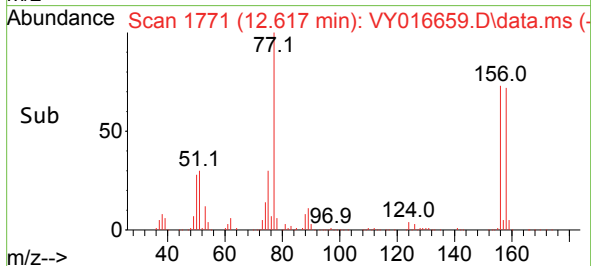
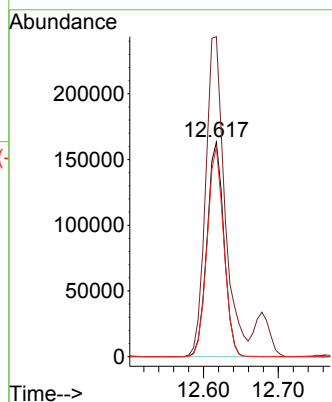
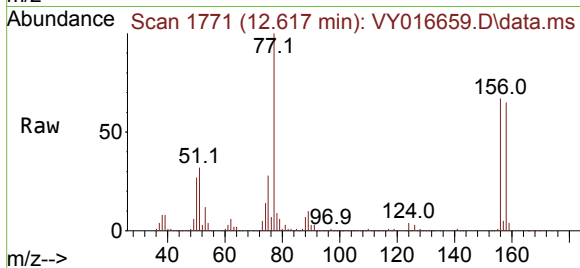
Tgt Ion:156 Resp: 255637

Ion Ratio Lower Upper

156 100

77 169.6 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 95.803 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016659.D

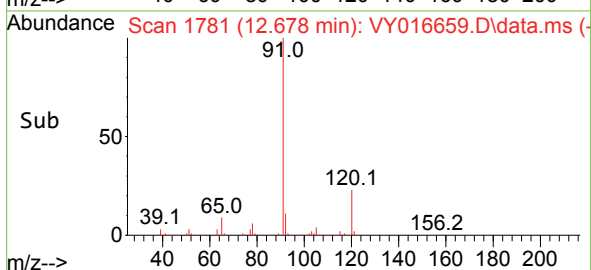
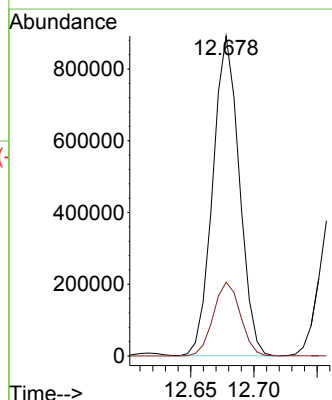
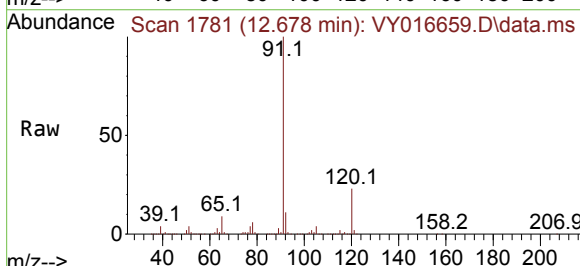
Acq: 15 Dec 2023 17:59

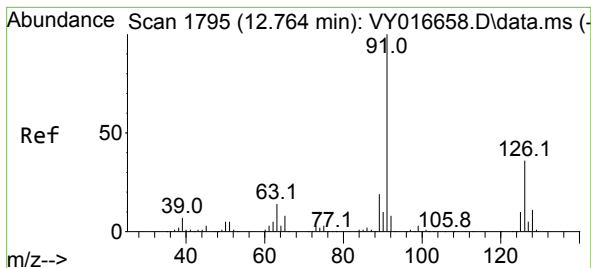
Tgt Ion: 91 Resp: 1295864

Ion Ratio Lower Upper

91 100

120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 95.576 ug/l

RT: 12.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

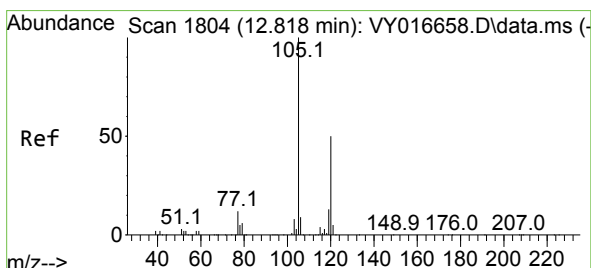
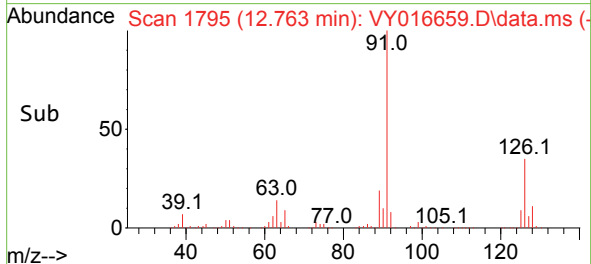
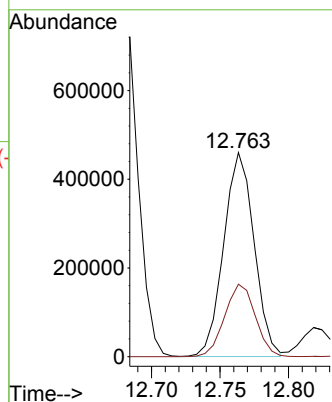
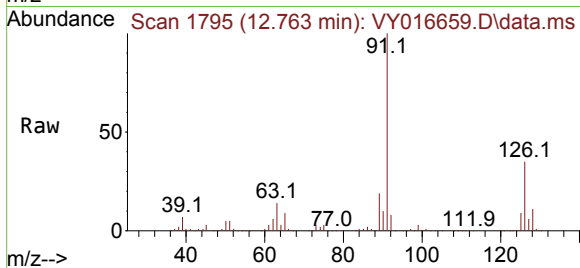
ClientSampleId :

Tgt Ion: 91 Resp: 709910

Ion Ratio Lower Upper

91 100

126 35.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 98.433 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. -0.000 min

Lab File: VY016659.D

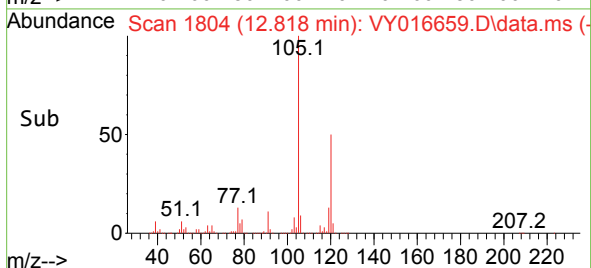
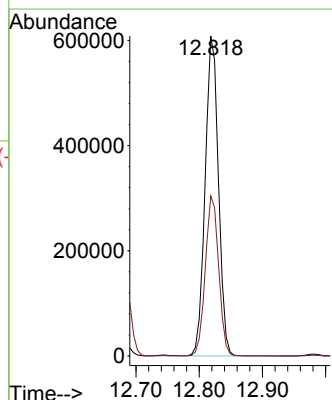
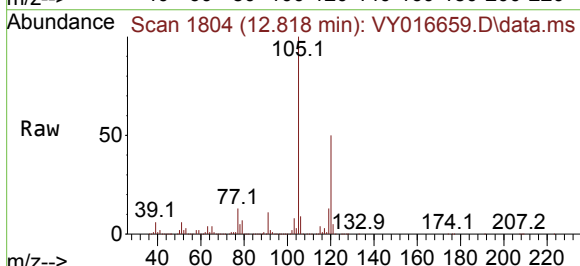
Acq: 15 Dec 2023 17:59

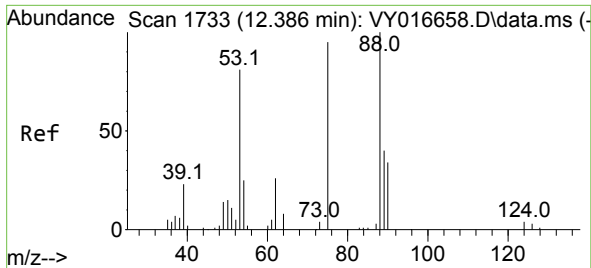
Tgt Ion:105 Resp: 890678

Ion Ratio Lower Upper

105 100

120 50.2 23.9 71.7

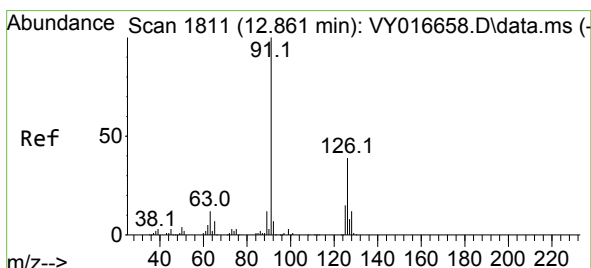
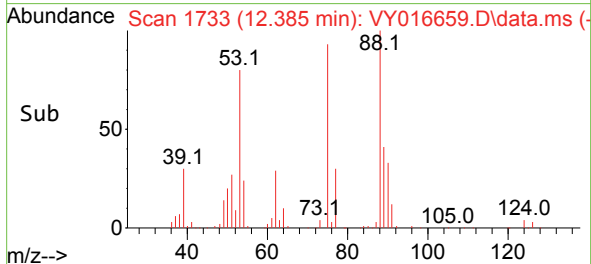
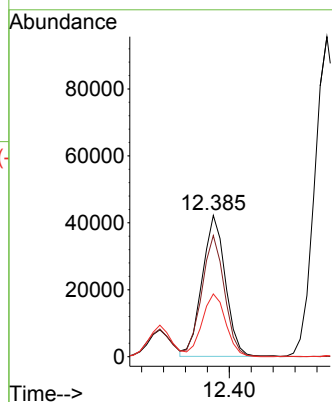
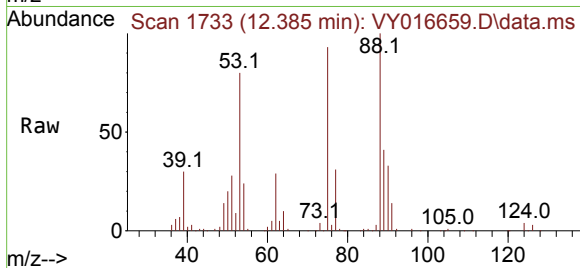




#81
trans-1,4-Dichloro-2-butene
Concen: 96.035 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

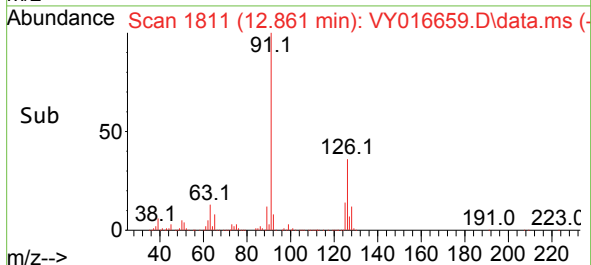
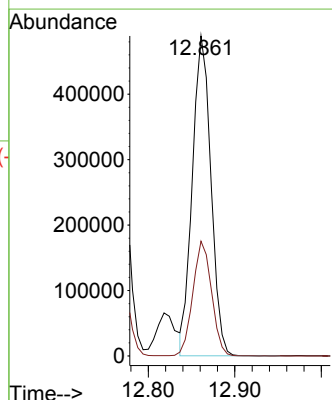
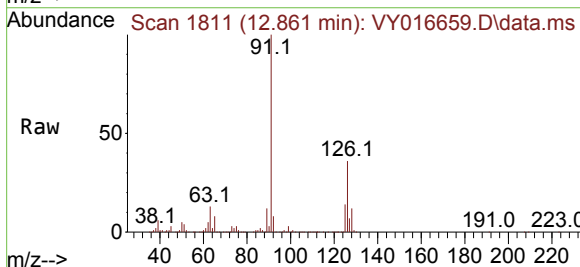
Instrument :
MSVOA_Y
ClientSampleId :

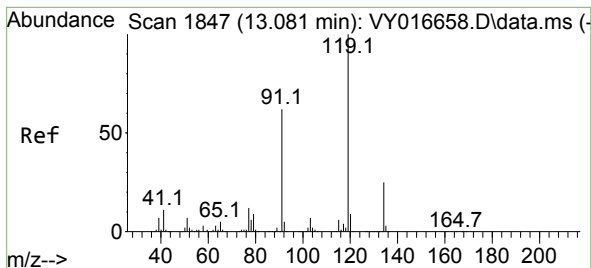
Tgt Ion: 75 Resp: 61931
Ion Ratio Lower Upper
75 100
53 84.8 77.8 116.8
89 45.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 94.669 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 91 Resp: 727142
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 97.515 ug/l

RT: 13.080 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

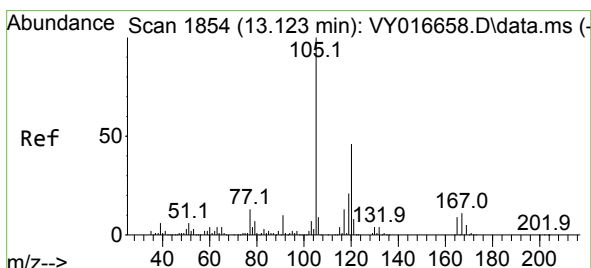
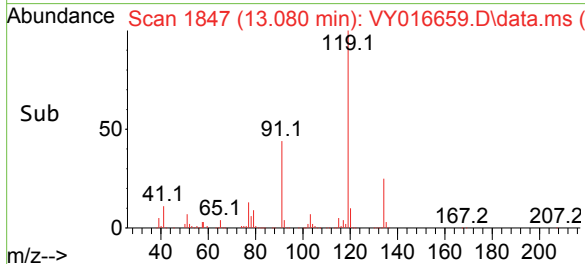
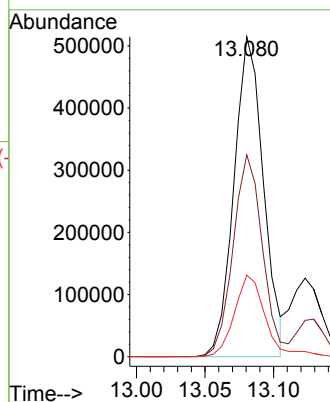
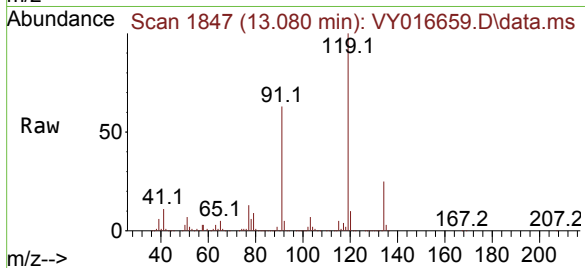
Tgt Ion:119 Resp: 769953

Ion Ratio Lower Upper

119 100

91 63.2 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 98.693 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY016659.D

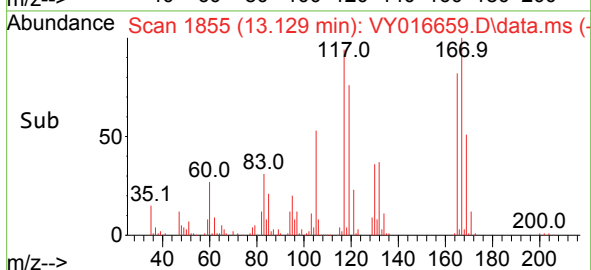
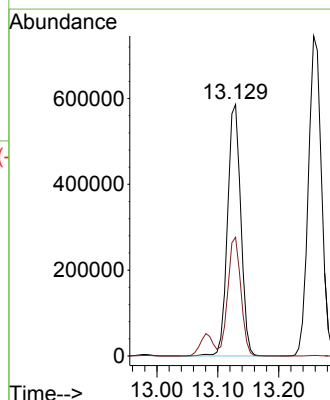
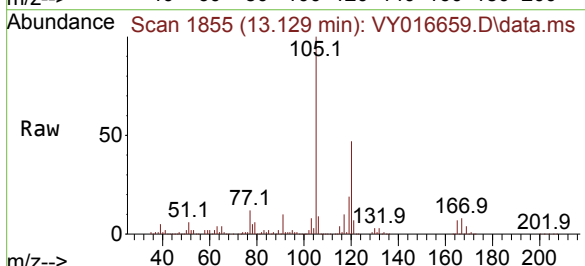
Acq: 15 Dec 2023 17:59

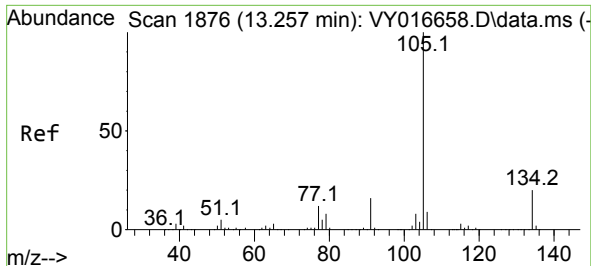
Tgt Ion:105 Resp: 885694

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6

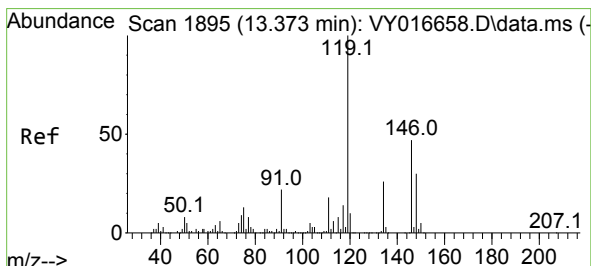
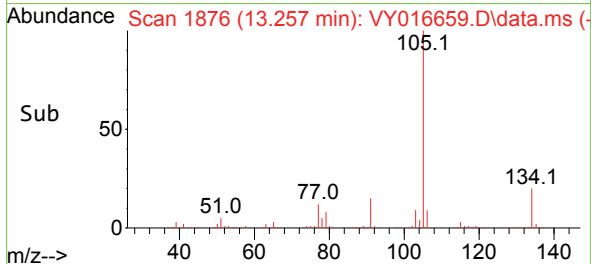
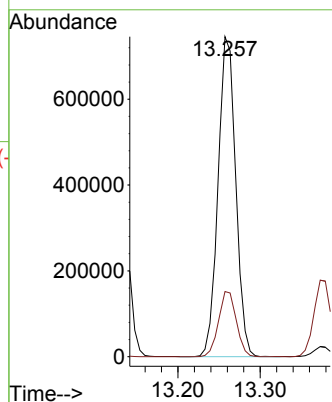
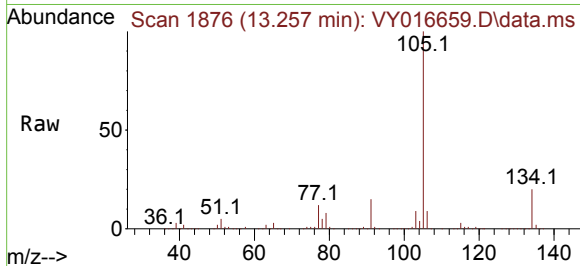




#85
 sec-Butylbenzene
 Concen: 95.905 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

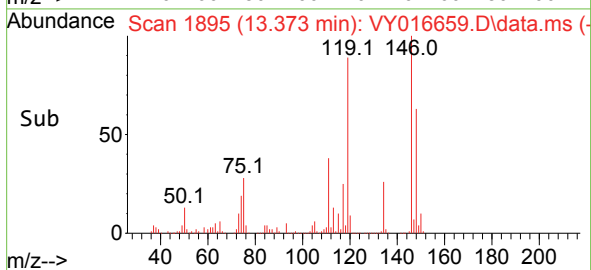
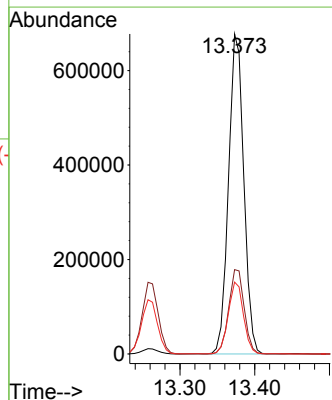
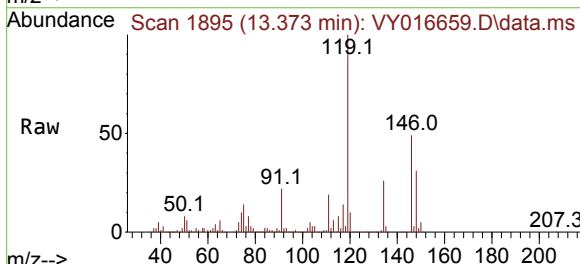
Instrument :
 MSVOA_Y
 ClientSampleId :

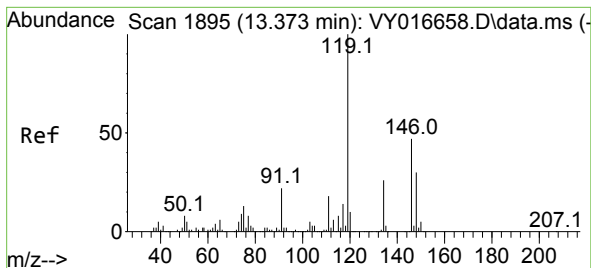
Tgt Ion:105 Resp: 1111124
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 97.437 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY016659.D
 Acq: 15 Dec 2023 17:59

Tgt Ion:119 Resp: 963813
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 95.331 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

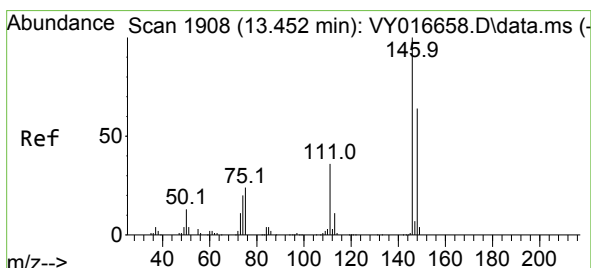
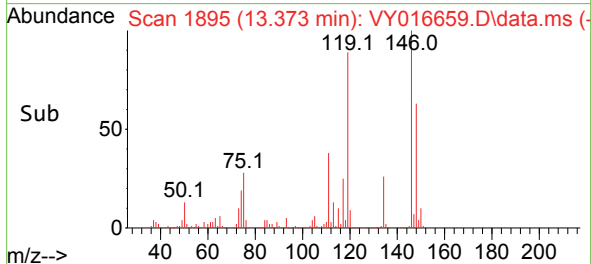
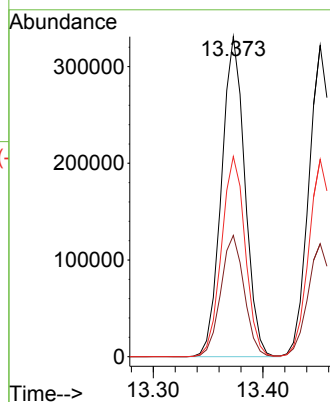
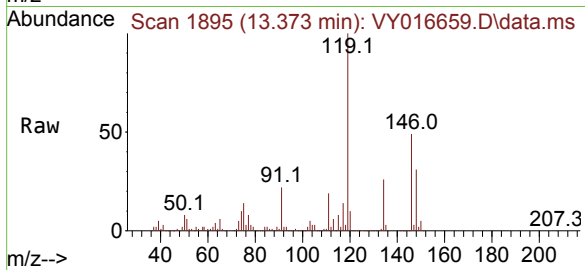
Tgt Ion:146 Resp: 491252

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 94.741 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

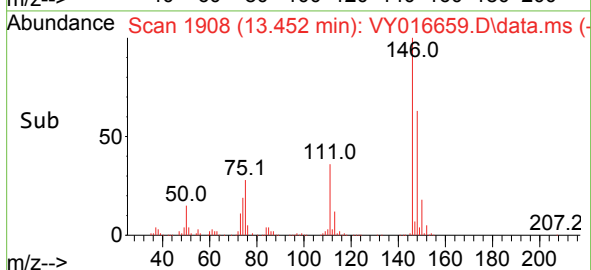
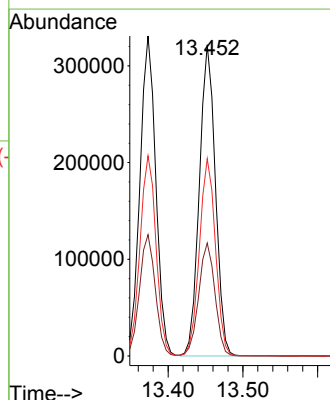
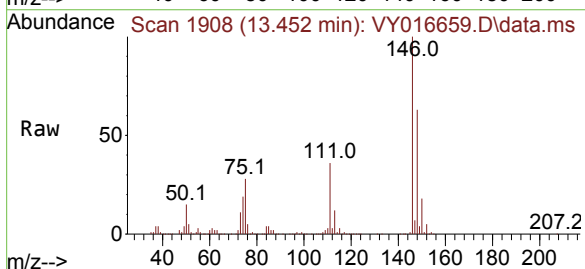
Tgt Ion:146 Resp: 480060

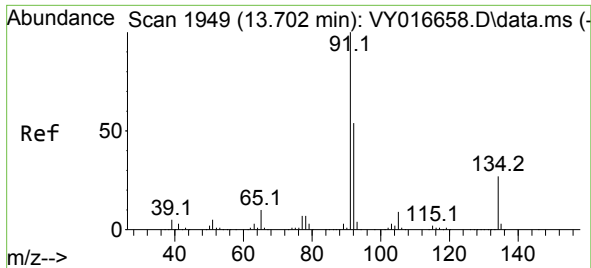
Ion Ratio Lower Upper

146 100

111 36.7 18.9 56.7

148 63.7 32.1 96.5

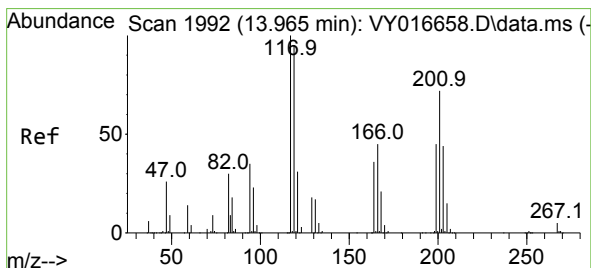
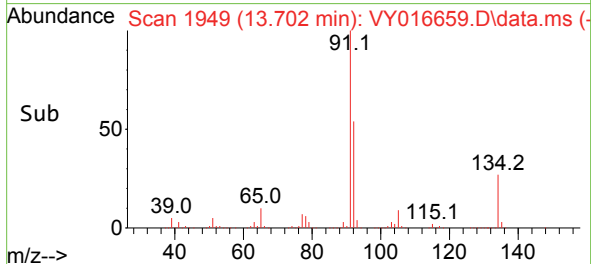
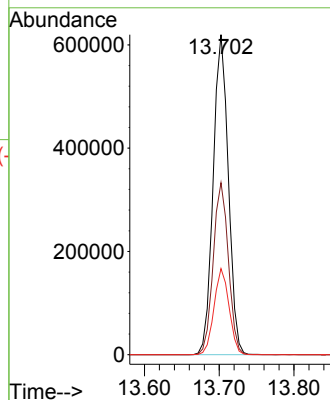
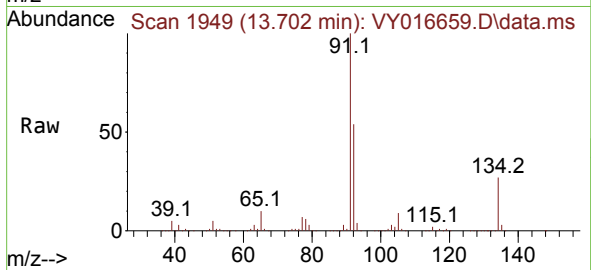




#89
n-Butylbenzene
Concen: 94.923 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

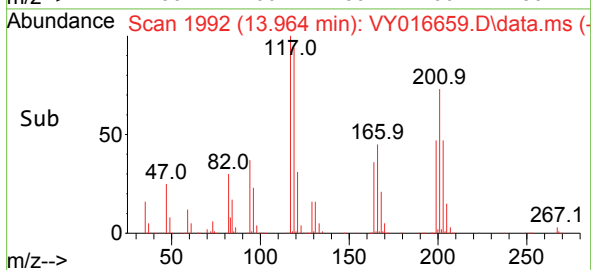
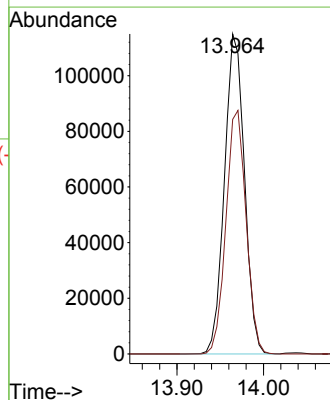
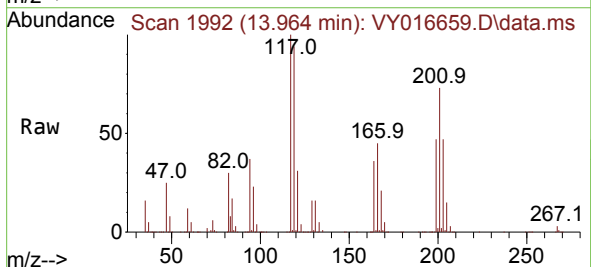
Instrument :
MSVOA_Y
ClientSampleId :

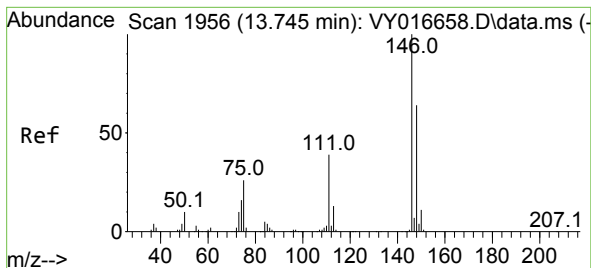
Tgt Ion: 91 Resp: 872260
Ion Ratio Lower Upper
91 100
92 53.9 25.4 76.0
134 26.7 12.6 37.6



#90
Hexachloroethane
Concen: 93.746 ug/l
RT: 13.964 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 117 Resp: 184569
Ion Ratio Lower Upper
117 100
201 76.7 41.6 124.8

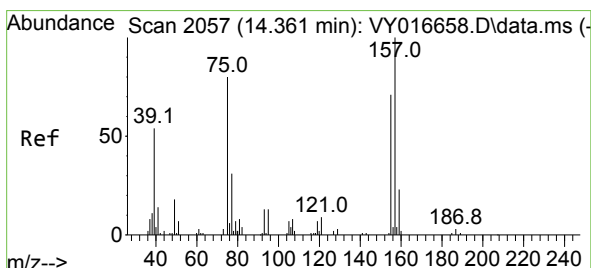
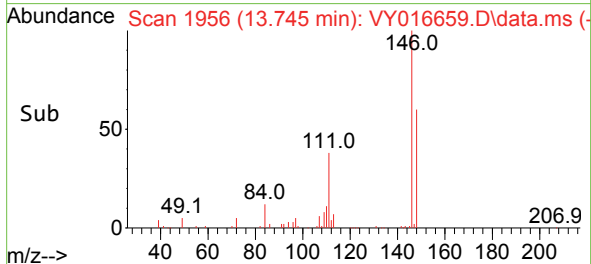
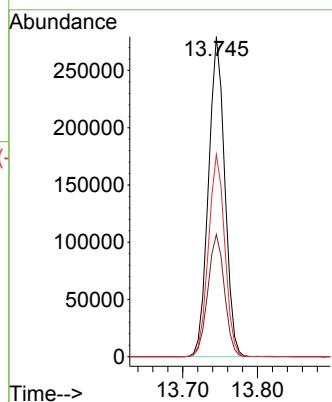
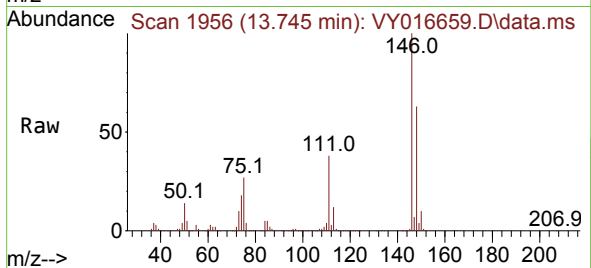




#91
1,2-Dichlorobenzene
Concen: 95.670 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

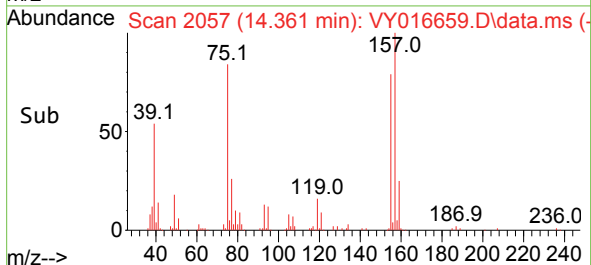
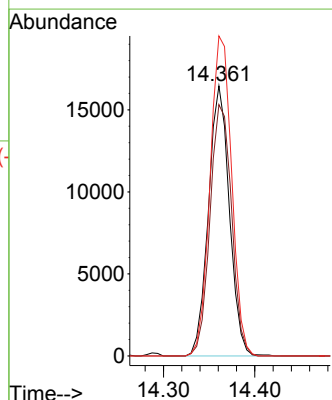
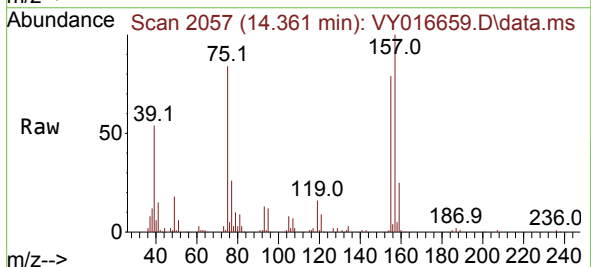
Instrument :
MSVOA_Y
ClientSampleId :

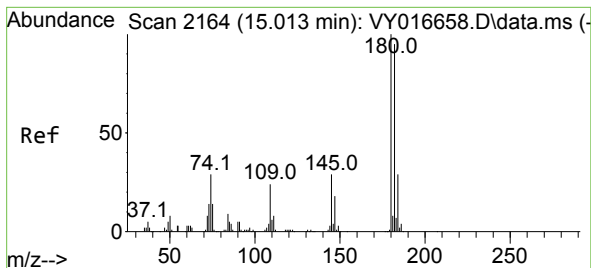
Tgt Ion:146 Resp: 423006
Ion Ratio Lower Upper
146 100
111 38.8 19.7 59.0
148 63.4 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 93.796 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY016659.D
Acq: 15 Dec 2023 17:59

Tgt Ion: 75 Resp: 26136
Ion Ratio Lower Upper
75 100
155 95.9 41.5 124.6
157 122.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 102.819 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

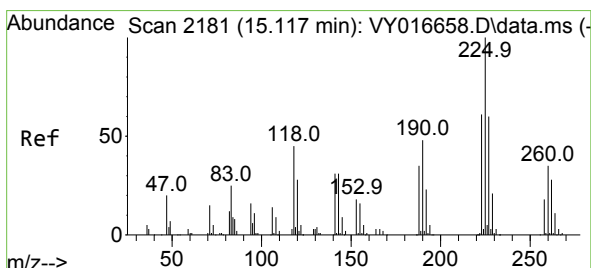
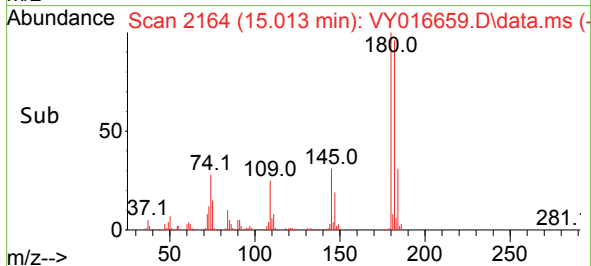
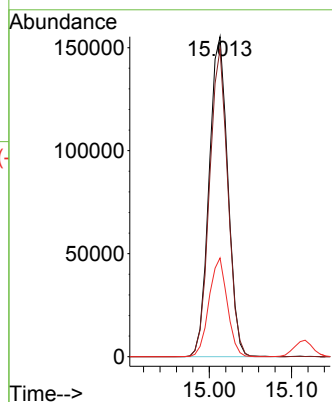
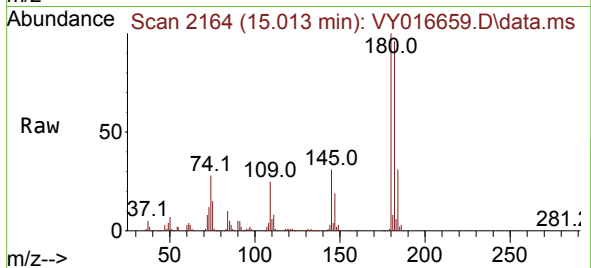
Tgt Ion:180 Resp: 245579

Ion Ratio Lower Upper

180 100

182 94.1 47.0 141.2

145 30.0 14.5 43.5



#94

Hexachlorobutadiene

Concen: 88.084 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

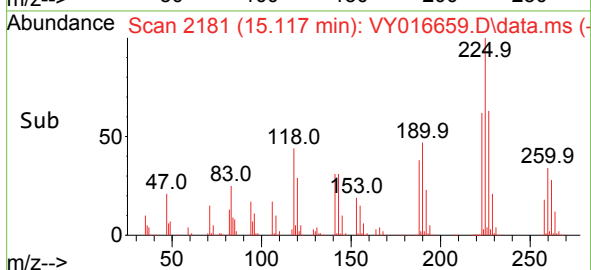
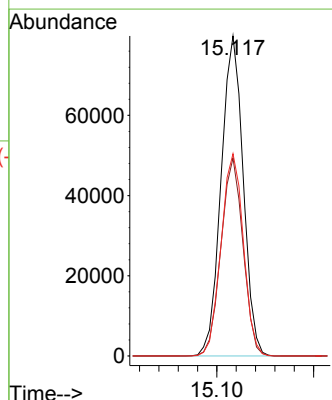
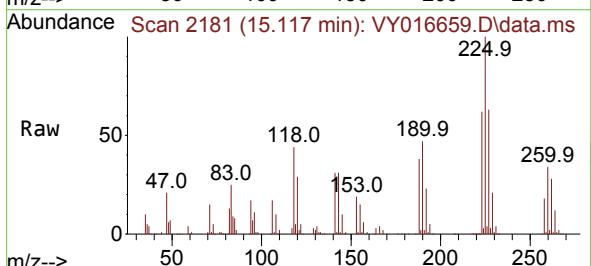
Tgt Ion:225 Resp: 126280

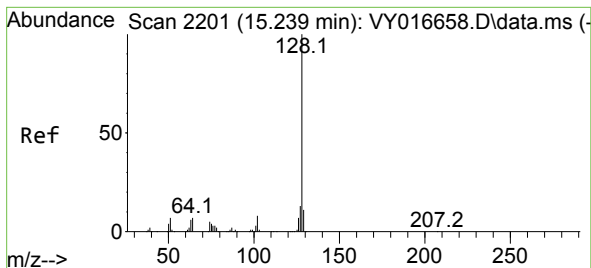
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.9

227 63.8 33.0 98.9





#95

Naphthalene

Concen: 99.089 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Instrument :

MSVOA_Y

ClientSampleId :

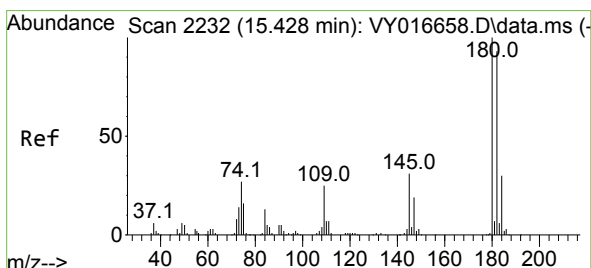
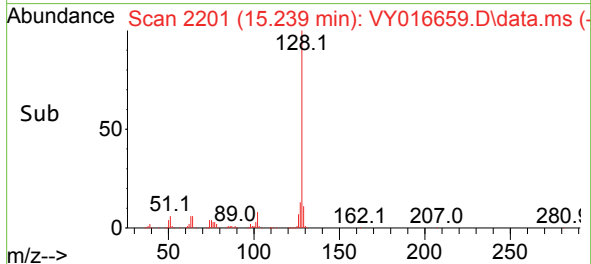
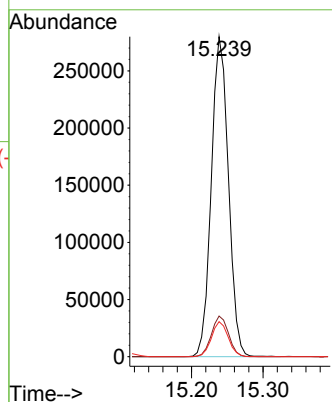
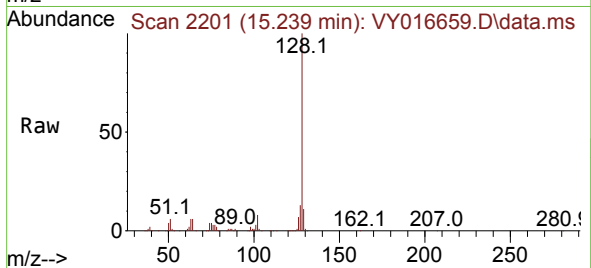
Tgt Ion:128 Resp: 465070

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 104.166 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY016659.D

Acq: 15 Dec 2023 17:59

Tgt Ion:180 Resp: 205091

Ion Ratio Lower Upper

180 100

182 95.6 47.3 141.8

145 31.4 15.4 46.2

