

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121523\
 Data File : VY016660.D
 Acq On : 15 Dec 2023 18:22
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 16 00:11:43 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	7.795	168	255172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	395882	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	346548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	160580	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	304681	145.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 290.880%#	
35) Dibromofluoromethane	7.728	113	321339	151.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 302.660%#	
50) Toluene-d8	10.185	98	1258955	146.214	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 292.420%#	
62) 4-Bromofluorobenzene	12.489	95	403560	148.297	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 296.600%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	294017	147.844	ug/l	98
3) Chloromethane	2.119	50	435705	140.590	ug/l	97
4) Vinyl Chloride	2.253	62	531395	149.367	ug/l	96
5) Bromomethane	2.643	94	388733	152.664	ug/l	100
6) Chloroethane	2.796	64	345452	149.289	ug/l	98
7) Trichlorofluoromethane	3.131	101	589665	148.398	ug/l	99
8) Diethyl Ether	3.534	74	197587	159.188	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.905	101	366312	149.060	ug/l	94
10) Methyl Iodide	4.101	142	420712	164.491	ug/l	95
11) Tert butyl alcohol	4.960	59	119038	706.872	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	356785	154.003	ug/l	90
13) Acrolein	3.729	56	81964	749.428	ug/l	98
14) Allyl chloride	4.485	41	488382	155.483	ug/l #	93
15) Acrylonitrile	5.167	53	395712	766.103	ug/l	97
16) Acetone	3.948	43	354429	778.887	ug/l #	88
17) Carbon Disulfide	4.204	76	1088064	148.493	ug/l	99
18) Methyl Acetate	4.478	43	302858	155.401	ug/l #	88
19) Methyl tert-butyl Ether	5.228	73	895510	164.857	ug/l	100
20) Methylene Chloride	4.728	84	372708	153.412	ug/l	86
21) trans-1,2-Dichloroethene	5.228	96	414692	153.639	ug/l	92
22) Diisopropyl ether	6.125	45	1056665	156.965	ug/l	88
23) Vinyl Acetate	6.070	43	2659391	801.734	ug/l #	90
24) 1,1-Dichloroethane	6.027	63	660603	150.376	ug/l	97
25) 2-Butanone	6.990	43	523359	776.989	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	601833	154.306	ug/l	95
27) cis-1,2-Dichloroethene	6.996	96	459845	157.758	ug/l	89
28) Bromochloromethane	7.344	49	240093	148.463	ug/l	84
29) Tetrahydrofuran	7.356	42	320486	790.023	ug/l #	85
30) Chloroform	7.515	83	691185	151.288	ug/l	97
31) Cyclohexane	7.795	56	589909	143.180	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	631288	154.024	ug/l	97
36) 1,1-Dichloropropene	7.923	75	536237	152.465	ug/l	98
37) Ethyl Acetate	7.082	43	215104	148.409	ug/l #	93
38) Carbon Tetrachloride	7.905	117	550024	155.689	ug/l	99
39) Methylcyclohexane	9.191	83	721467	163.210	ug/l	91
40) Benzene	8.167	78	1618169	156.980	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	300881	390.922	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	411271	156.104	ug/l	93
43) Isopropyl Acetate	8.277	43	439566	165.016	ug/l #	89
44) Trichloroethene	8.947	130	450024	156.755	ug/l	97
45) 1,2-Dichloropropane	9.222	63	375853	156.074	ug/l	98
46) Dibromomethane	9.313	93	213763	160.510	ug/l	99
47) Bromodichloromethane	9.502	83	536011	159.293	ug/l	98
48) Methyl methacrylate	9.301	41	249462	169.121	ug/l #	86
49) 1,4-Dioxane	9.307	88	46911	3288.281	ug/l #	67
51) 4-Methyl-2-Pentanone	10.075	43	1137145	813.953	ug/l	88
52) Toluene	10.252	92	1048164	162.331	ug/l	93
53) t-1,3-Dichloropropene	10.471	75	526303	165.796	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	618537	162.062	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	295336	157.826	ug/l	95
56) Ethyl methacrylate	10.514	69	287796	177.387	ug/l #	82
57) 1,3-Dichloropropane	10.794	76	490926	157.637	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	873620	747.822	ug/l	93
59) 2-Hexanone	10.837	43	806188	703.382	ug/l	84
60) Dibromochloromethane	10.990	129	368576	162.523	ug/l	99
61) 1,2-Dibromoethane	11.093	107	283293	161.301	ug/l	99
64) Tetrachloroethene	10.727	164	448912	158.114	ug/l	97
65) Chlorobenzene	11.520	112	1073689	158.842	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	409772	165.759	ug/l	99
67) Ethyl Benzene	11.599	91	2004845	164.859	ug/l	98
68) m/p-Xylenes	11.709	106	1552381	330.889	ug/l	92
69) o-Xylene	12.038	106	721240	168.071	ug/l	94
70) Styrene	12.050	104	1065335	171.350	ug/l	96
71) Bromoform	12.215	173	223094	166.411	ug/l #	98
73) Isopropylbenzene	12.337	105	1878726	166.332	ug/l	99
74) N-amyl acetate	12.148	43	367350	173.521	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.587	83	301734	157.026	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	403012	275.224	ug/l #	100
77) Bromobenzene	12.617	156	437713	165.406	ug/l	92
78) n-propylbenzene	12.678	91	2196293	162.681	ug/l	99
79) 2-Chlorotoluene	12.764	91	1189540	160.455	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	1503211	166.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	104540	162.416	ug/l	90
82) 4-Chlorotoluene	12.861	91	1236315	161.266	ug/l	97
83) tert-Butylbenzene	13.081	119	1296813	164.556	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	1505639	168.094	ug/l	97
85) sec-Butylbenzene	13.257	105	1857506	160.633	ug/l	99
86) p-Isopropyltoluene	13.373	119	1665635	168.709	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	846172	164.518	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	805352	159.240	ug/l	99
89) n-Butylbenzene	13.702	91	1477664	161.112	ug/l	97
90) Hexachloroethane	13.965	117	309422	157.461	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	711404	161.202	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	44447	159.814	ug/l	82
93) 1,2,4-Trichlorobenzene	15.013	180	417720	175.224	ug/l	99
94) Hexachlorobutadiene	15.117	225	214201	149.696	ug/l	99
95) Naphthalene	15.239	128	788899	150.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	345881	176.009	ug/l	99

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QLast Update : Fri Dec 15 23:53:28 2023
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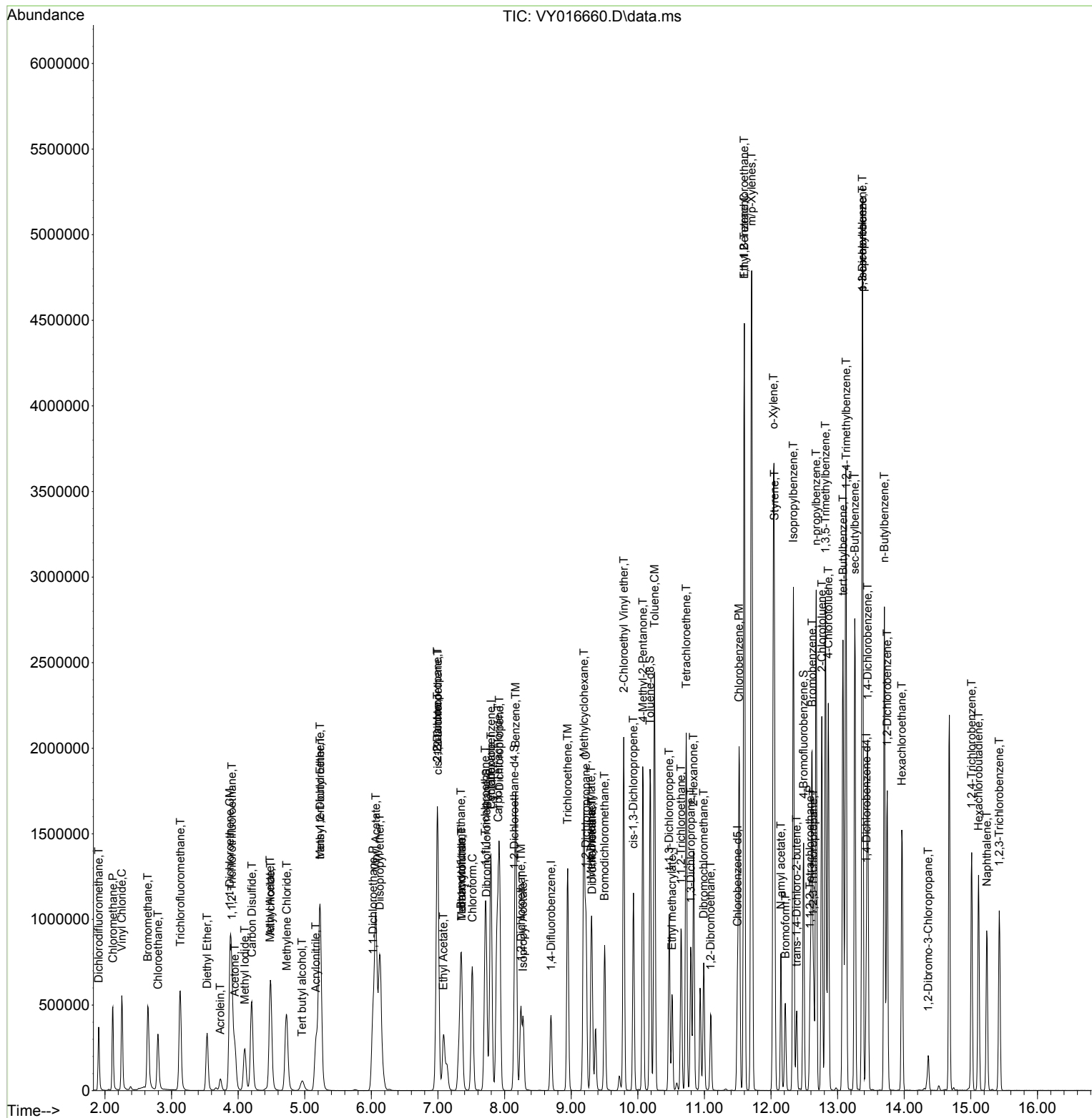
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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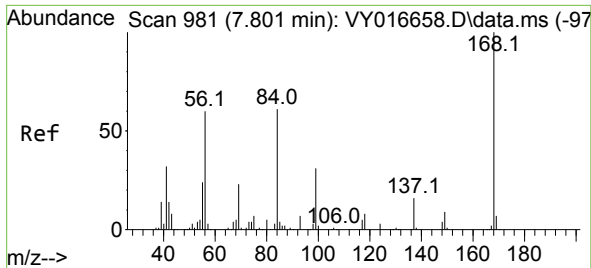
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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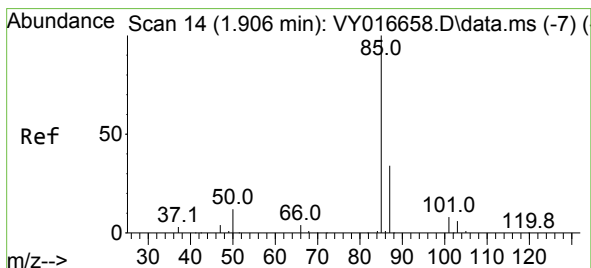
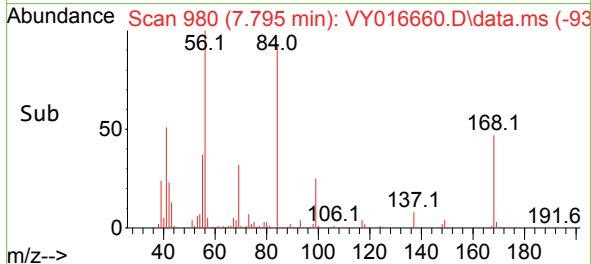
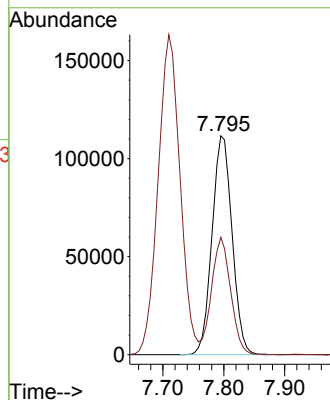
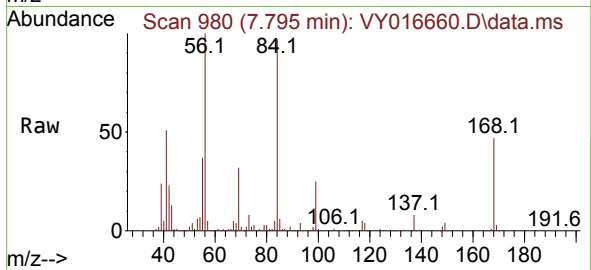




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016660.D
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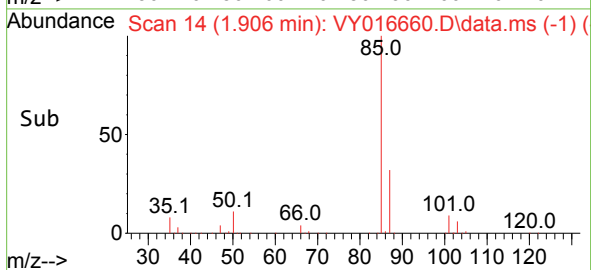
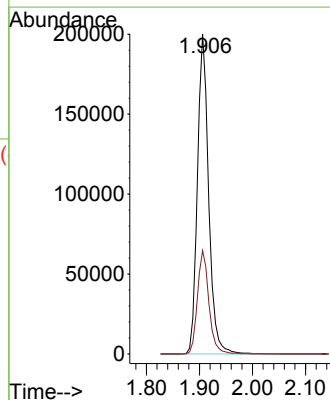
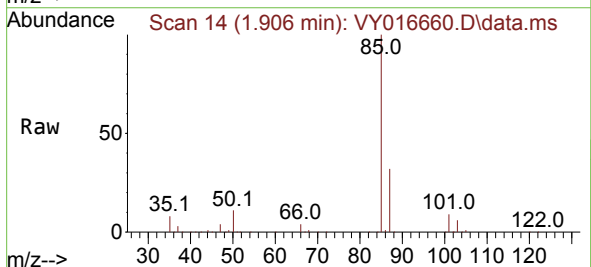
Instrument :
MSVOA_Y
ClientSampleId :

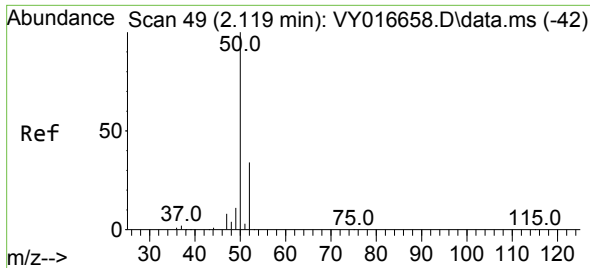
Tgt Ion:168 Resp: 255172
Ion Ratio Lower Upper
168 100
99 53.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 147.844 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 85 Resp: 294017
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8

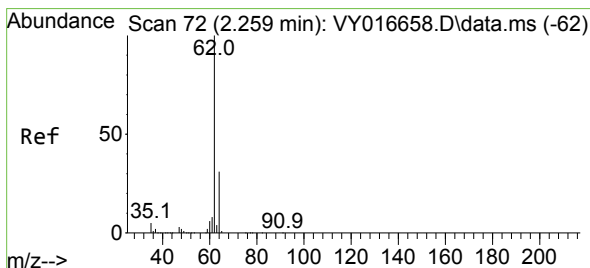
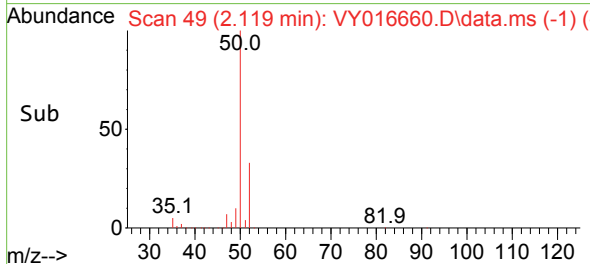
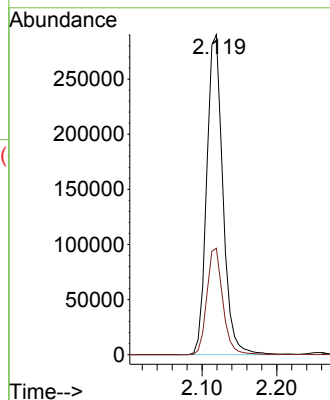
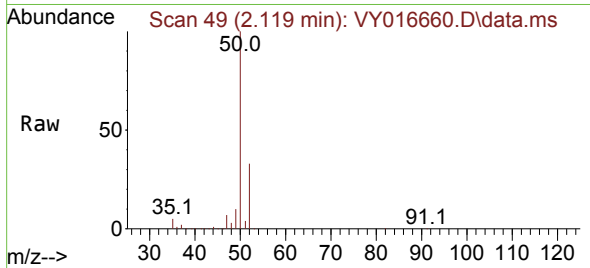




#3
Chloromethane
Concen: 140.590 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

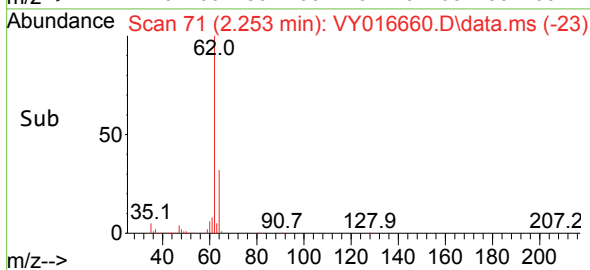
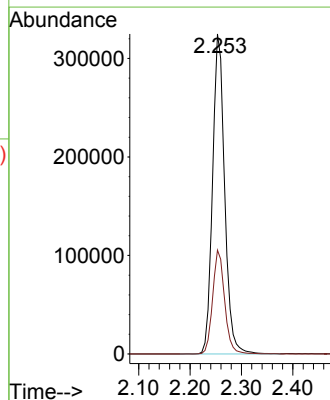
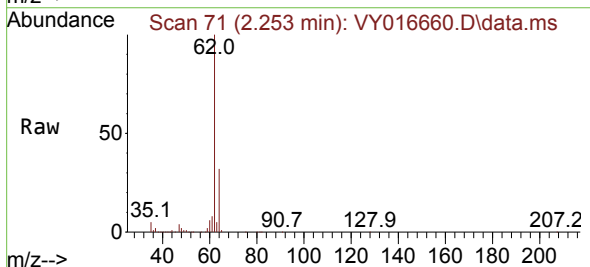
Instrument :
MSVOA_Y
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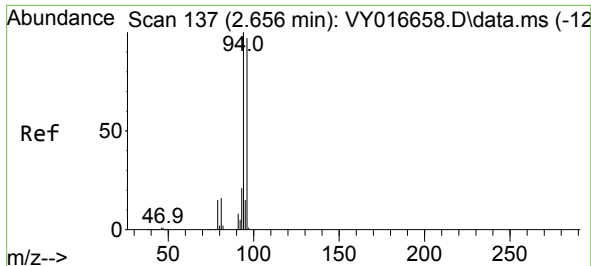
Tgt Ion: 50 Resp: 435705
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2



#4
Vinyl Chloride
Concen: 149.367 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 62 Resp: 531395
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5

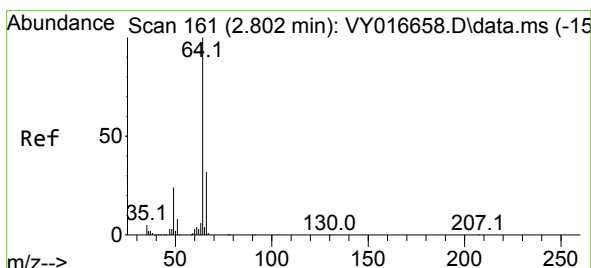
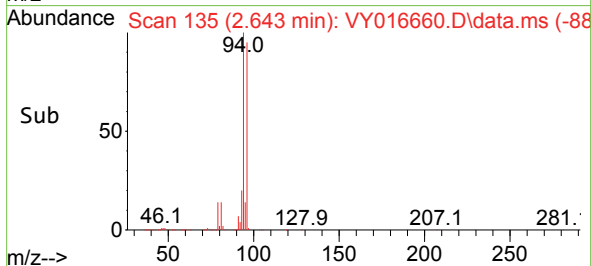
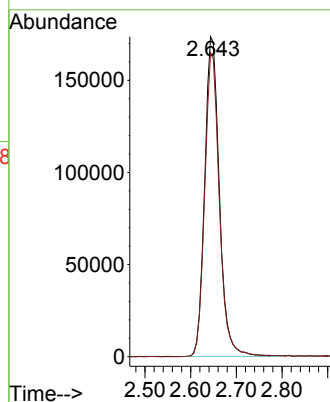
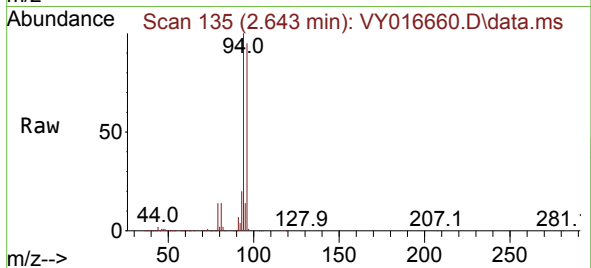




#5
Bromomethane
Concen: 152.664 ug/l
RT: 2.643 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

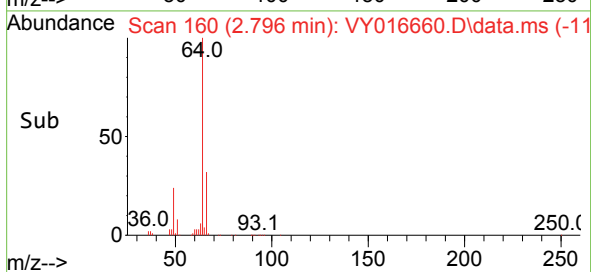
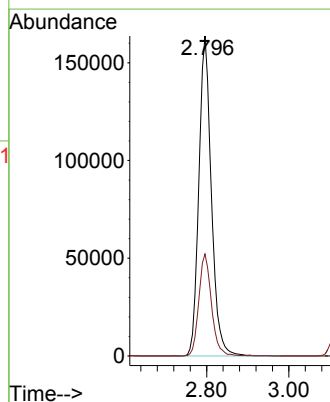
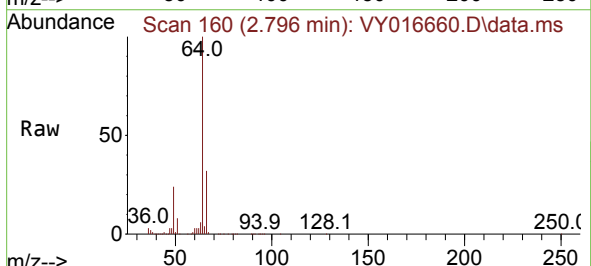
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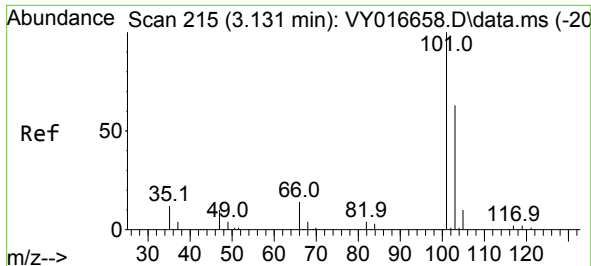
Tgt Ion: 94 Resp: 388733
Ion Ratio Lower Upper
94 100
96 95.1 75.8 113.6



#6
Chloroethane
Concen: 149.289 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 64 Resp: 345452
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

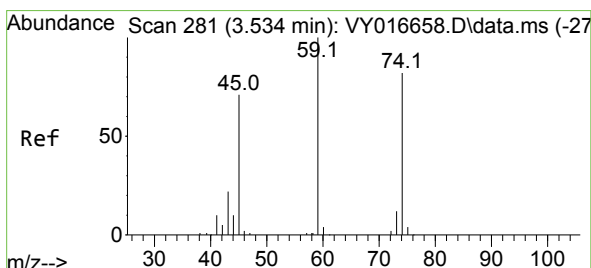
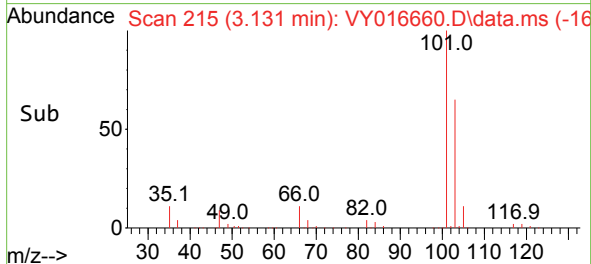
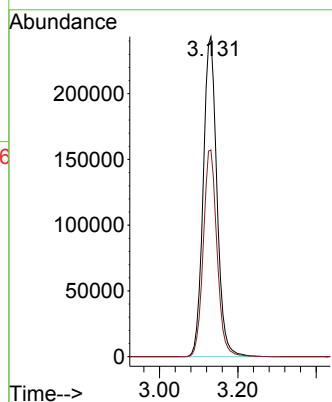
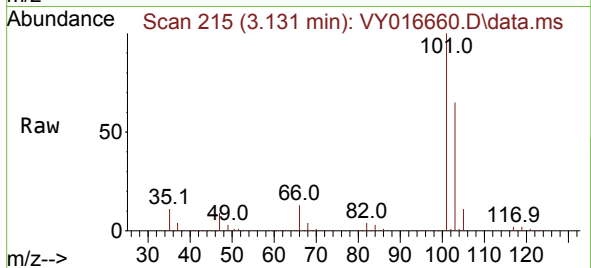




#7
 Trichlorofluoromethane
 Concen: 148.398 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

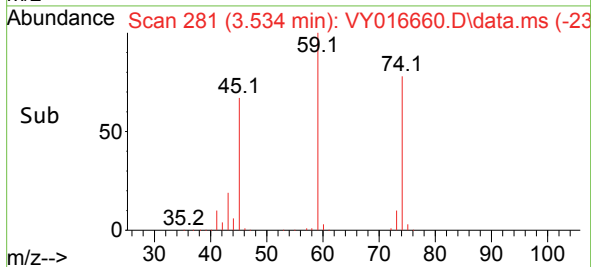
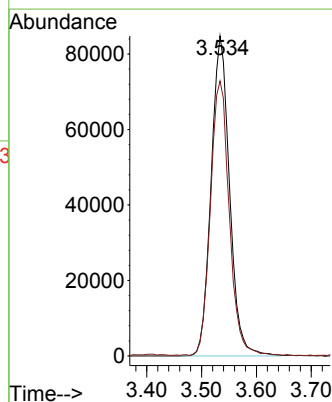
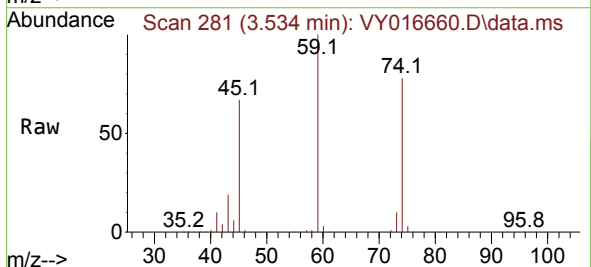
Instrument :
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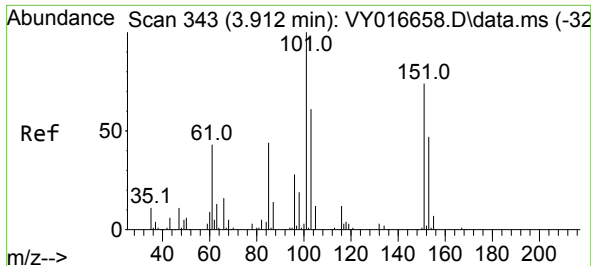
Tgt Ion:101 Resp: 589665
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 159.188 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 197587
 Ion Ratio Lower Upper
 74 100
 45 87.4 51.5 154.5

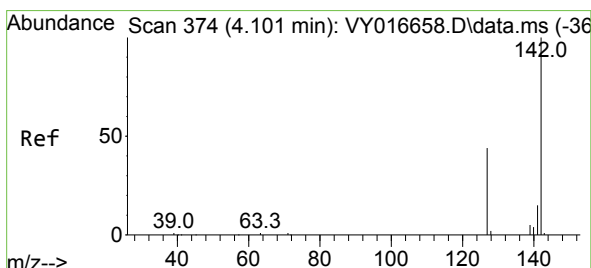
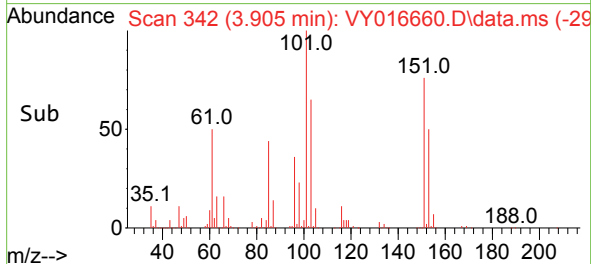
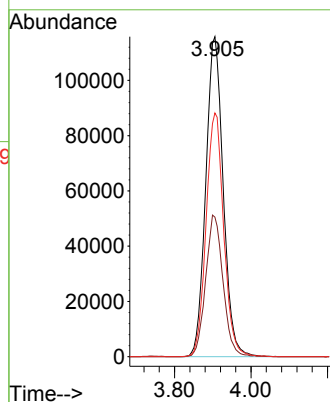
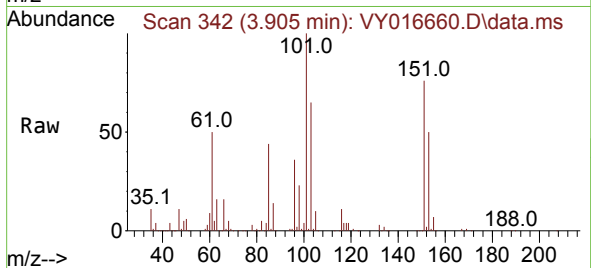




#9
1,1,2-Trichlorotrifluoroethane
Concen: 149.060 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

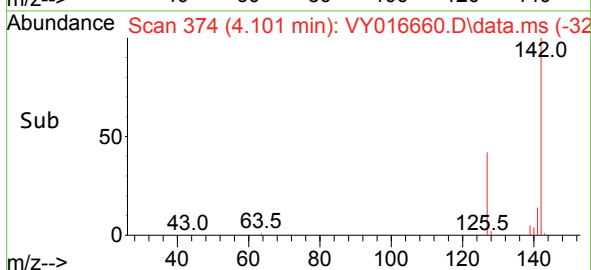
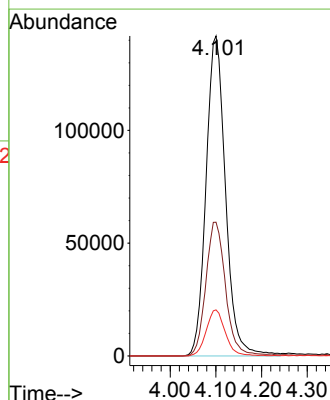
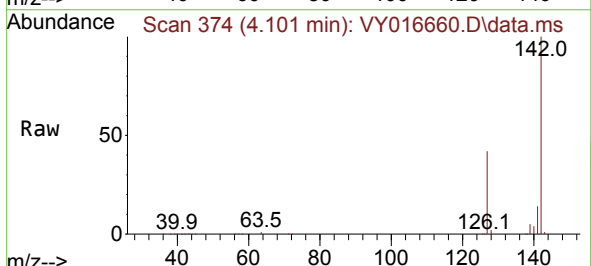
Instrument :
MSVOA_Y
ClientSampleId :

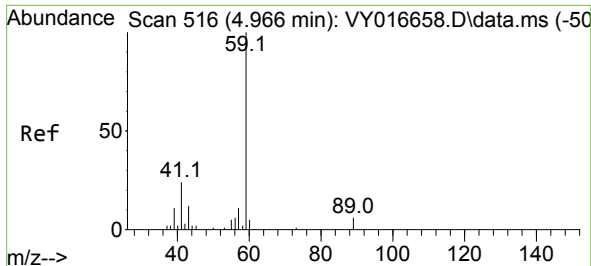
Tgt Ion:101 Resp: 366312
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 164.491 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

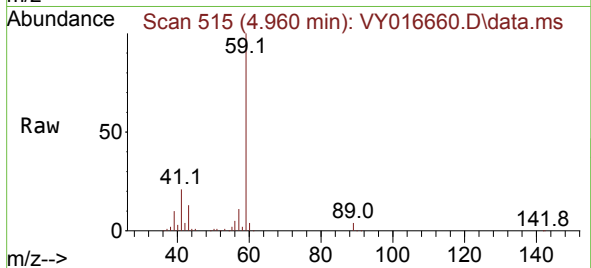
Tgt Ion:142 Resp: 420712
Ion Ratio Lower Upper
142 100
127 42.6 37.6 56.4
141 14.1 11.8 17.8



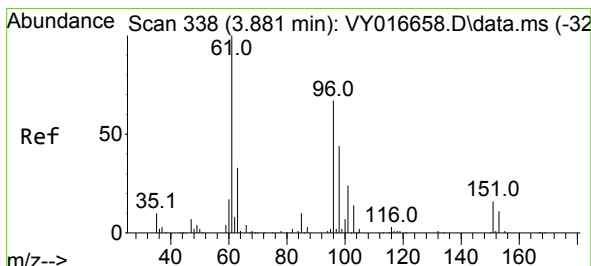
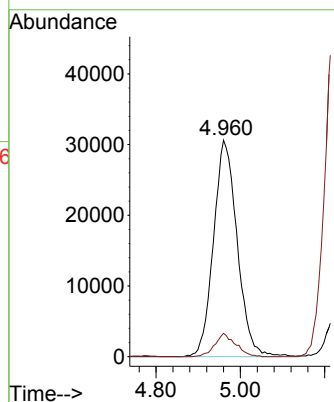
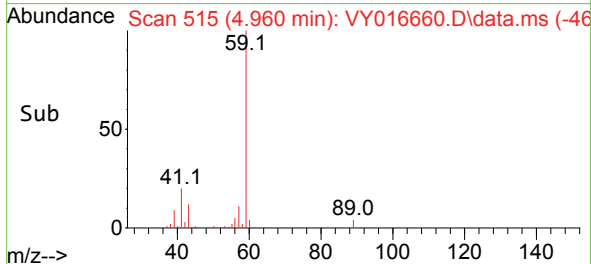


#11
Tert butyl alcohol
Concen: 706.872 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

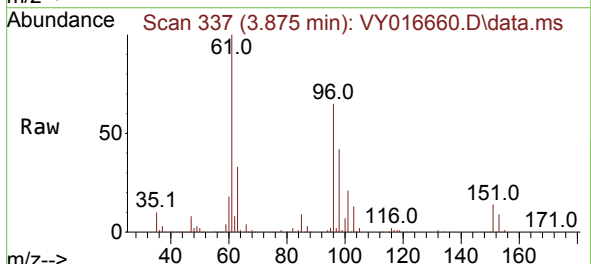
Instrument :
MSVOA_Y
ClientSampleId :



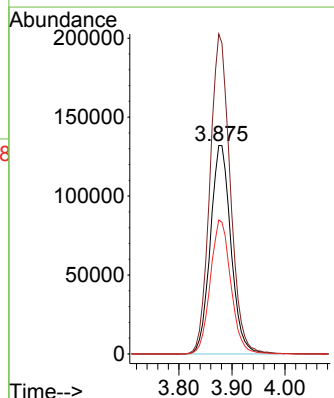
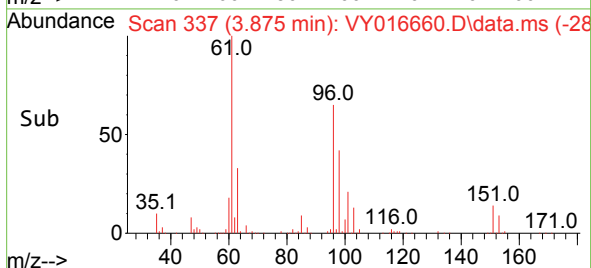
Tgt Ion: 59 Resp: 119038
Ion Ratio Lower Upper
59 100
57 9.5 3.0 4.4#

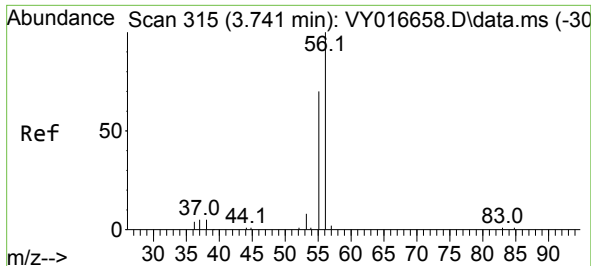


#12
1,1-Dichloroethene
Concen: 154.003 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



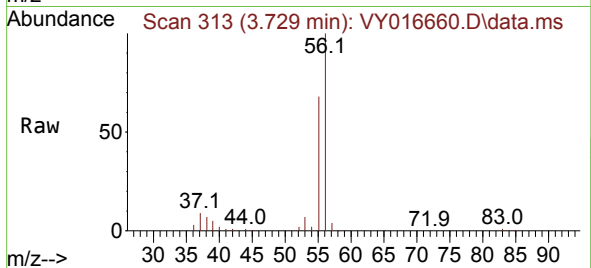
Tgt Ion: 96 Resp: 356785
Ion Ratio Lower Upper
96 100
61 153.4 136.4 204.6
98 64.3 49.4 74.2



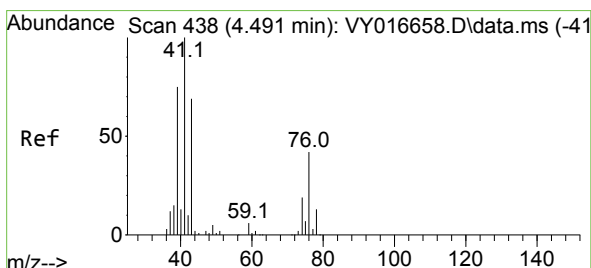
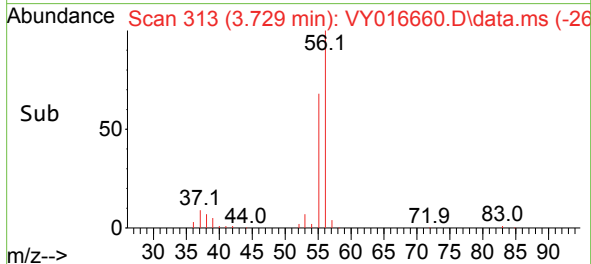
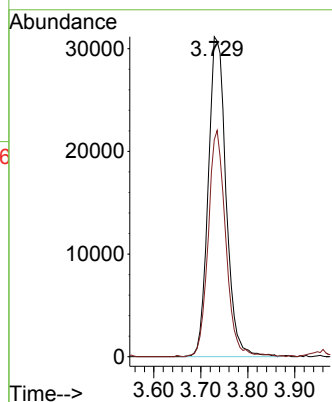


#13
Acrolein
Concen: 749.428 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :

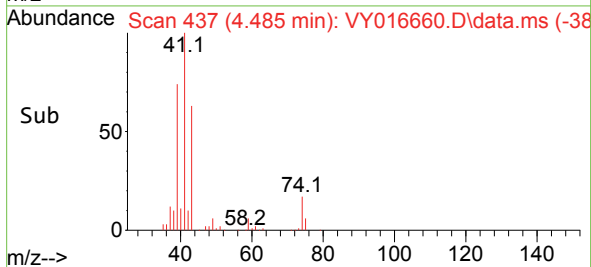
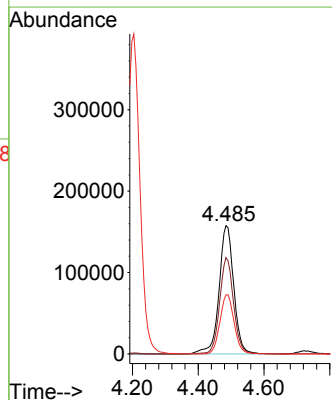
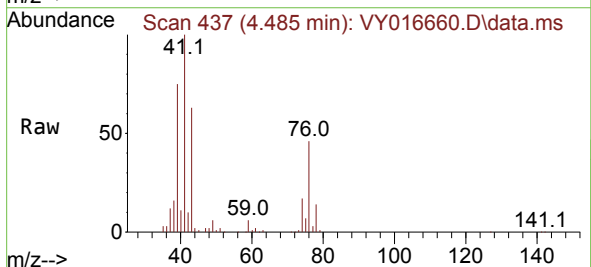


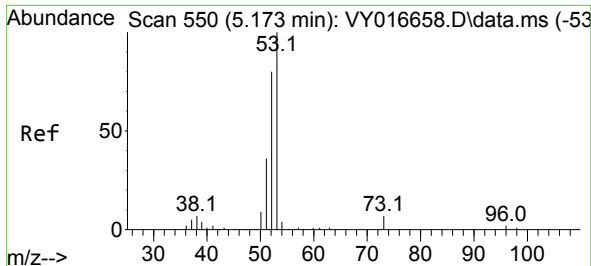
Tgt Ion: 56 Resp: 81964
Ion Ratio Lower Upper
56 100
55 69.6 57.0 85.4



#14
Allyl chloride
Concen: 155.483 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

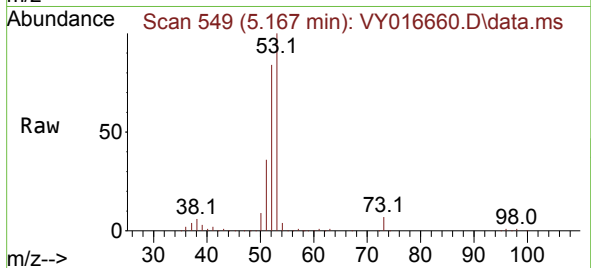
Tgt Ion: 41 Resp: 488382
Ion Ratio Lower Upper
41 100
39 71.4 58.0 87.0
76 44.4 27.4 41.2#



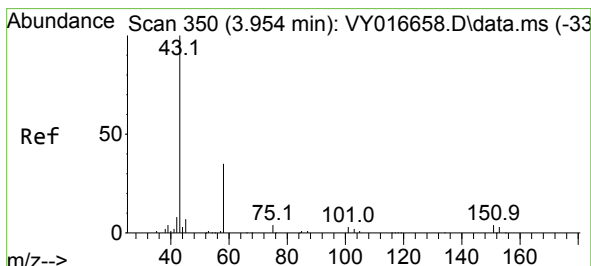
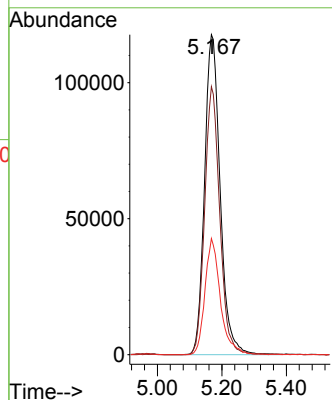
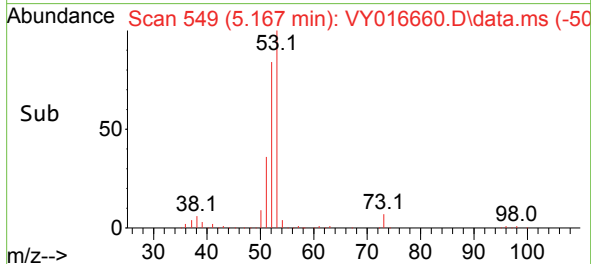


#15
Acrylonitrile
Concen: 766.103 ug/l
RT: 5.167 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :

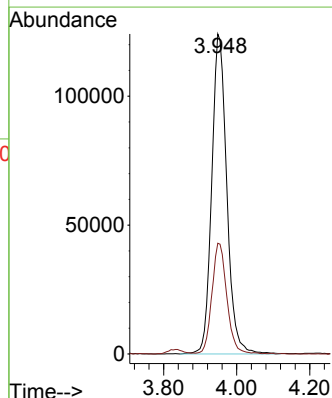
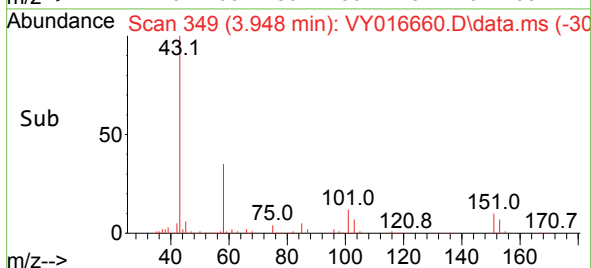
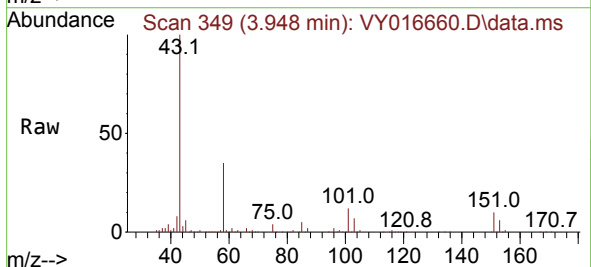


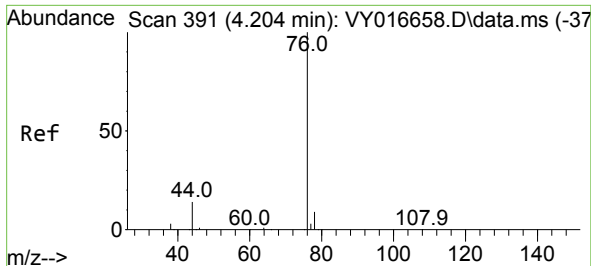
Tgt Ion:	53	Resp:	395712
Ion	Ratio	Lower	Upper
53	100		
52	80.9	66.9	100.3
51	36.0	29.8	44.6



#16
Acetone
Concen: 778.887 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:	43	Resp:	354429
Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.7	34.1#





#17

Carbon Disulfide

Concen: 148.493 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

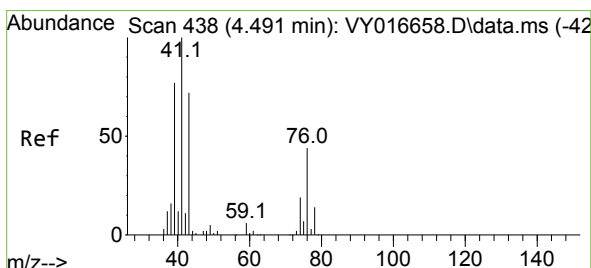
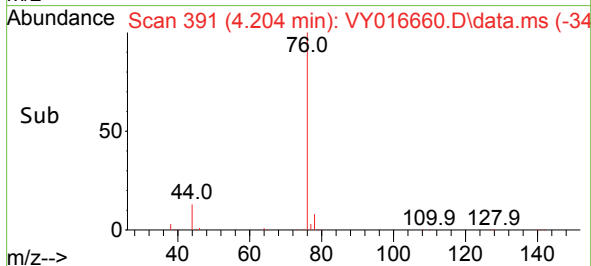
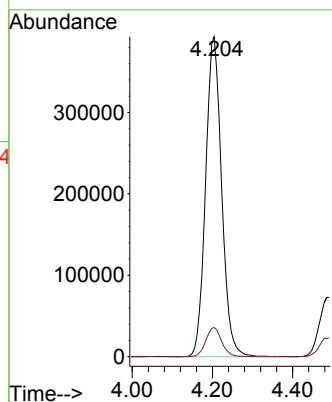
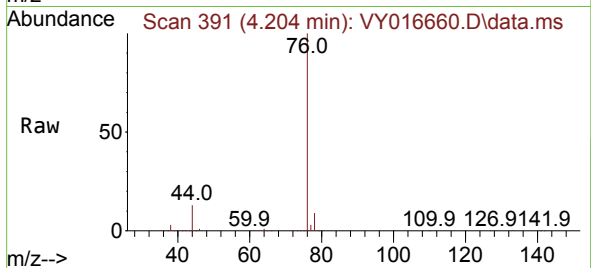
ClientSampleId :

Tgt Ion: 76 Resp: 1088064

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 155.401 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY016660.D

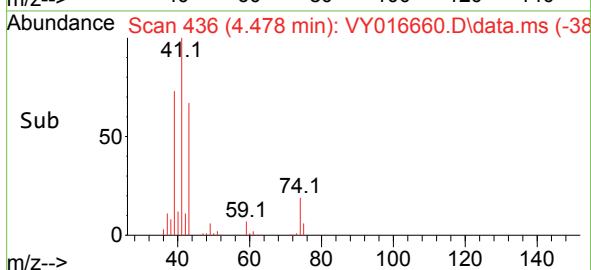
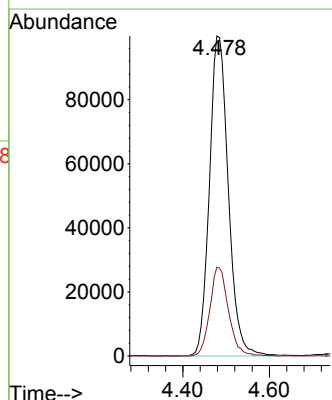
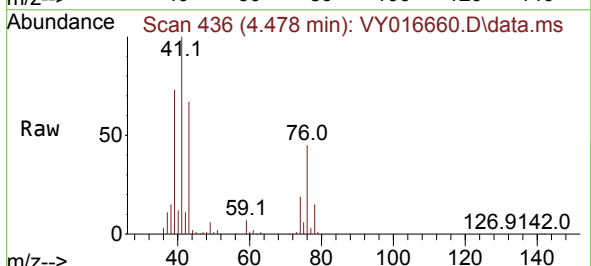
Acq: 15 Dec 2023 18:22

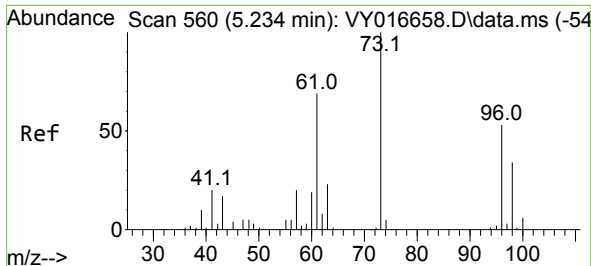
Tgt Ion: 43 Resp: 302858

Ion Ratio Lower Upper

43 100

74 27.2 17.4 26.0#

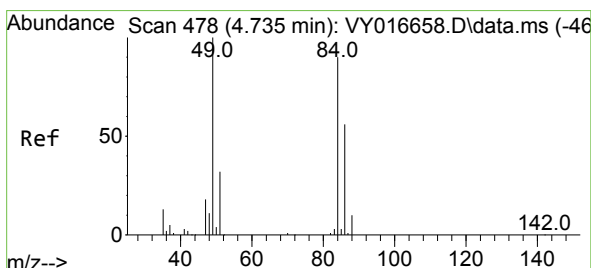
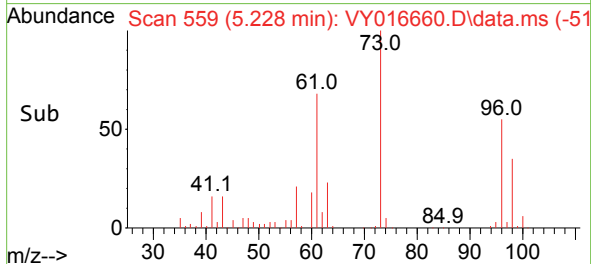
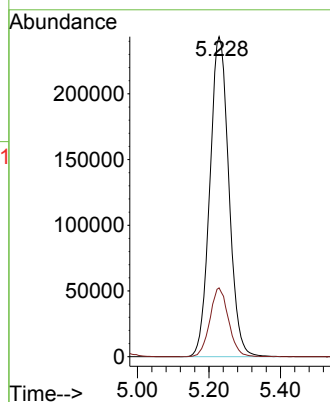
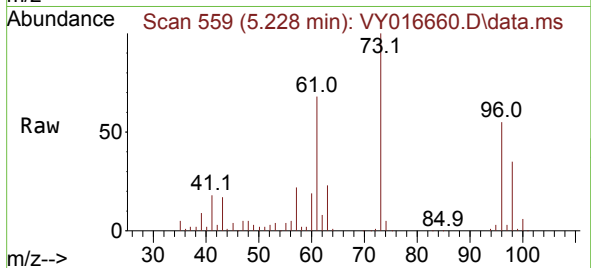




#19
Methyl tert-butyl Ether
Concen: 164.857 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

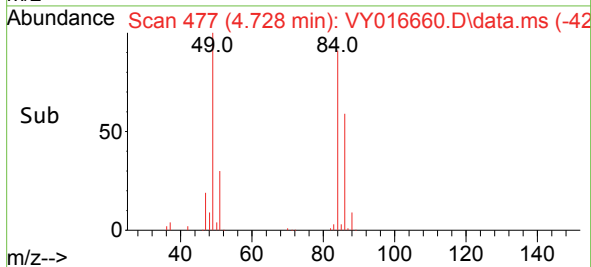
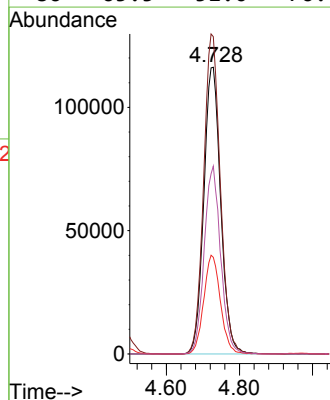
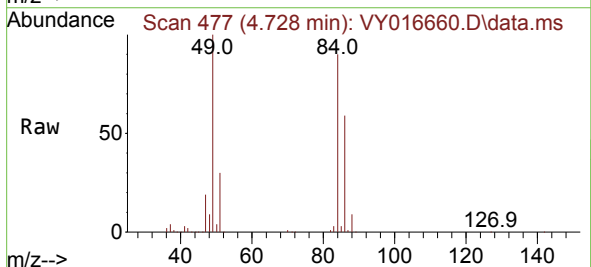
Instrument :
MSVOA_Y
ClientSampleId :

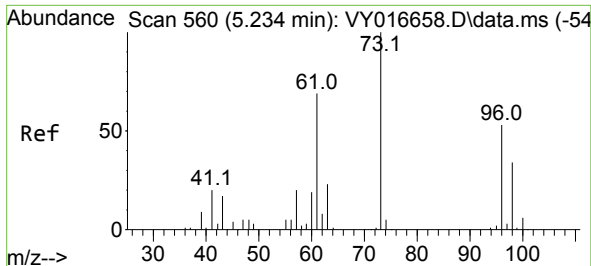
Tgt Ion: 73 Resp: 895510
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 153.412 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.007 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

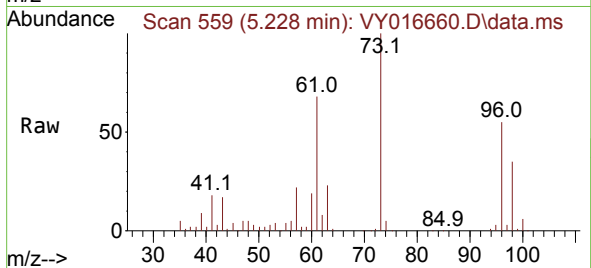
Tgt Ion: 84 Resp: 372708
Ion Ratio Lower Upper
84 100
49 110.7 106.9 160.3
51 33.7 33.2 49.8
86 65.5 51.0 76.6





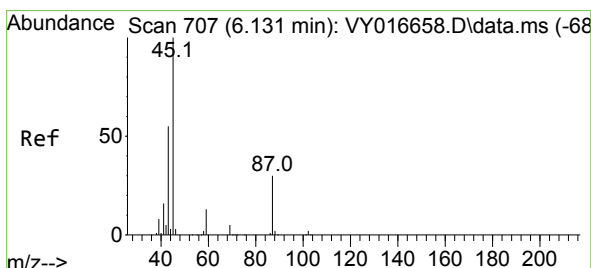
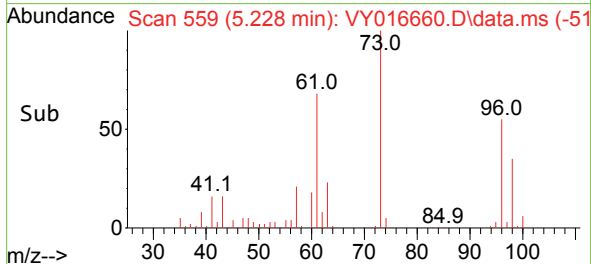
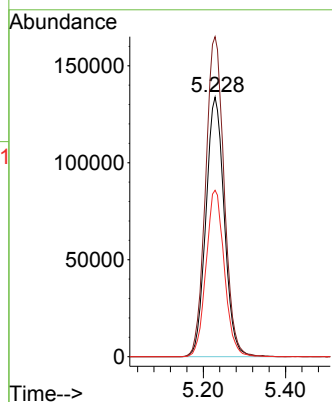
#21
trans-1,2-Dichloroethene
Concen: 153.639 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 96 Resp: 414692

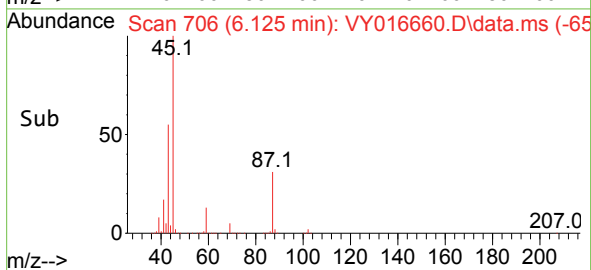
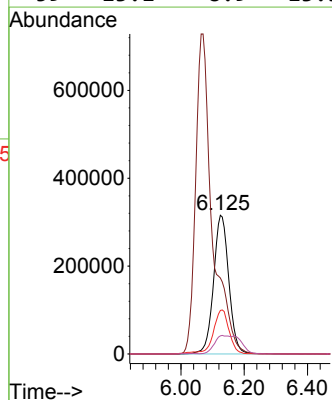
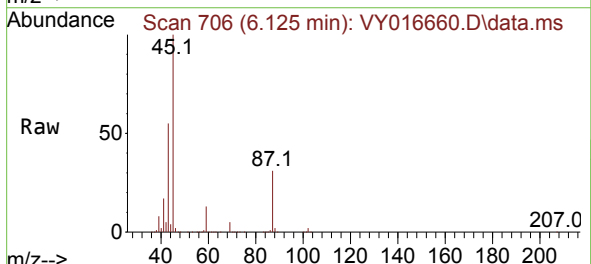
Ion	Ratio	Lower	Upper
96	100		
61	123.3	110.2	165.4
98	64.1	51.8	77.6

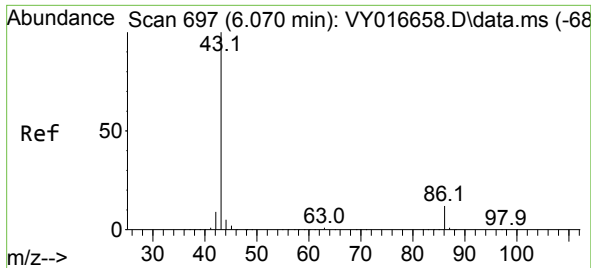


#22
Diisopropyl ether
Concen: 156.965 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 45 Resp: 1056665

Ion	Ratio	Lower	Upper
45	100		
43	54.7	52.2	78.4
87	31.4	21.0	31.6
59	13.1	8.9	13.3





#23

Vinyl Acetate

Concen: 801.734 ug/l

RT: 6.070 min Scan# 697

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

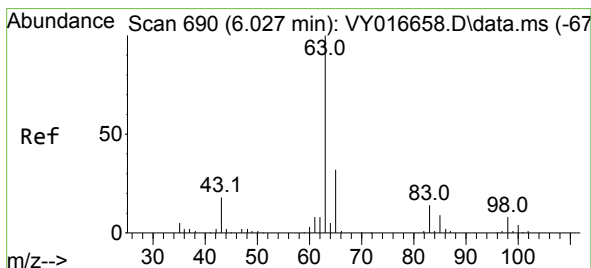
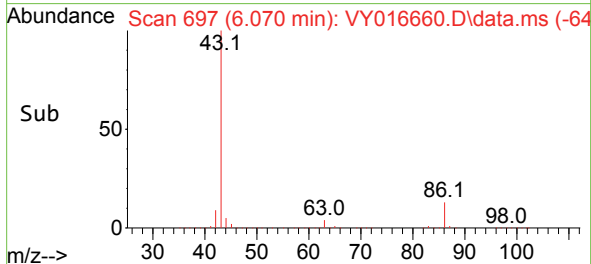
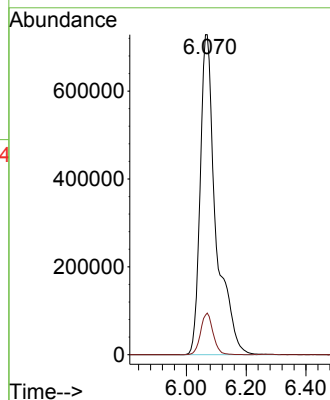
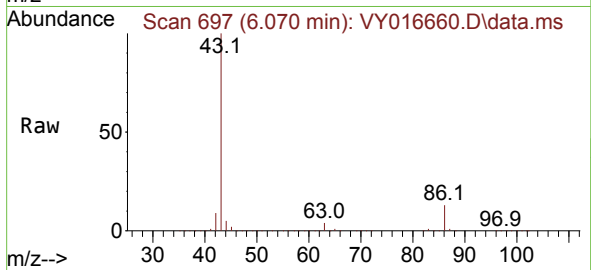
ClientSampleId :

Tgt Ion: 43 Resp: 2659391

Ion Ratio Lower Upper

43 100

86 13.0 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 150.376 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

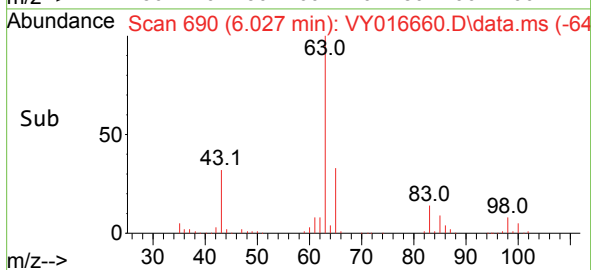
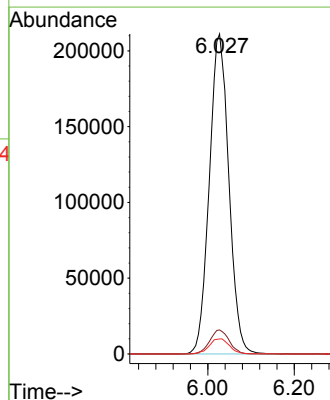
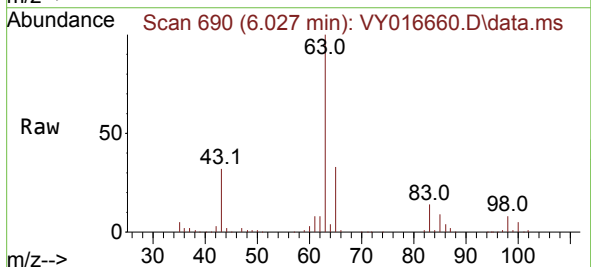
Tgt Ion: 63 Resp: 660603

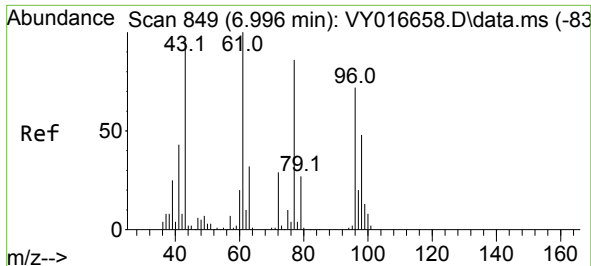
Ion Ratio Lower Upper

63 100

98 7.5 3.1 9.4

100 4.7 1.8 5.5

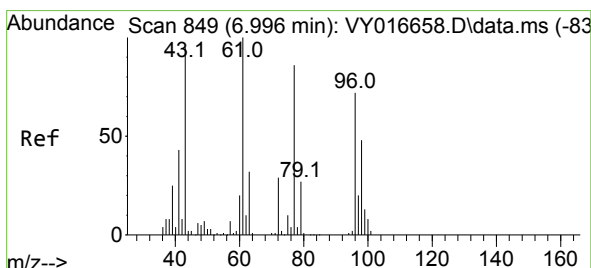
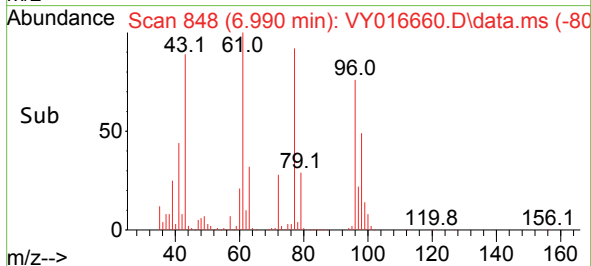
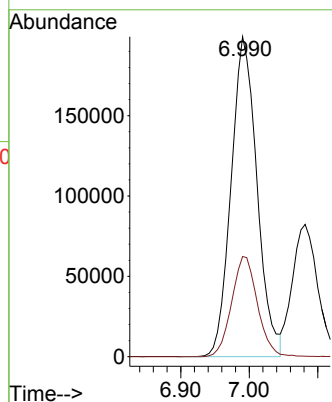
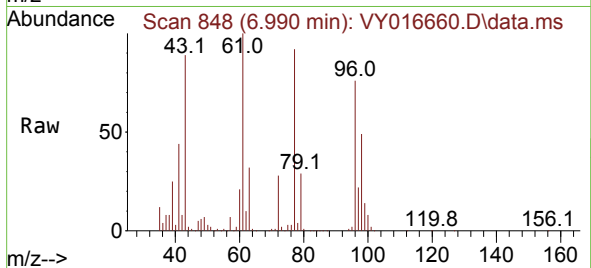




#25
2-Butanone
Concen: 776.989 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

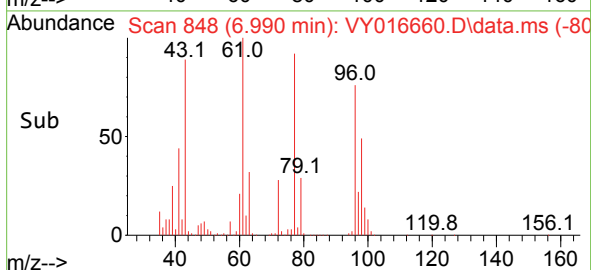
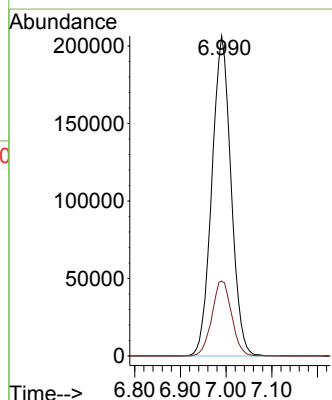
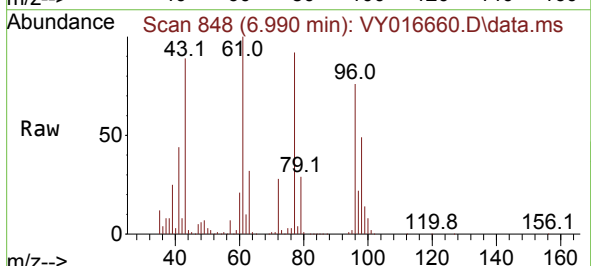
Instrument :
MSVOA_Y
ClientSampleId :

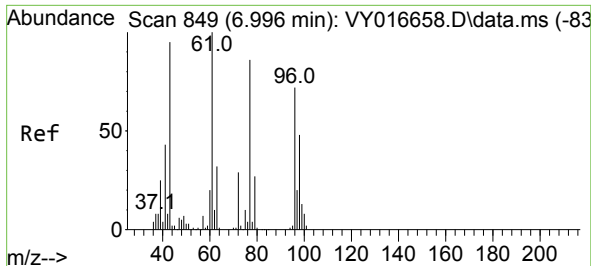
Tgt Ion: 43 Resp: 523359
Ion Ratio Lower Upper
43 100
72 31.3 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 154.306 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 77 Resp: 601833
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 157.758 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

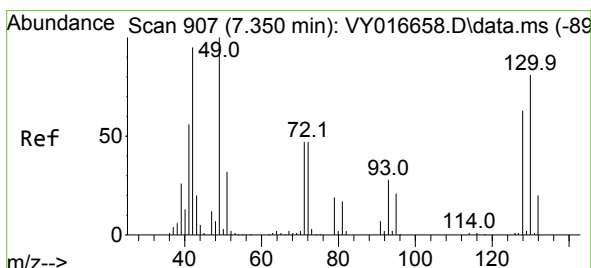
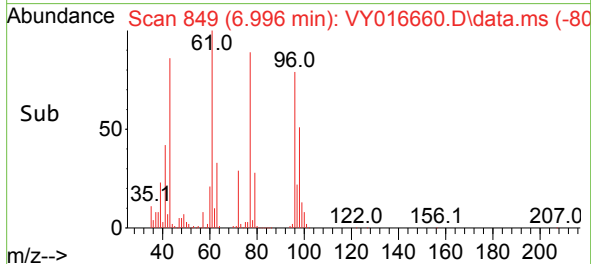
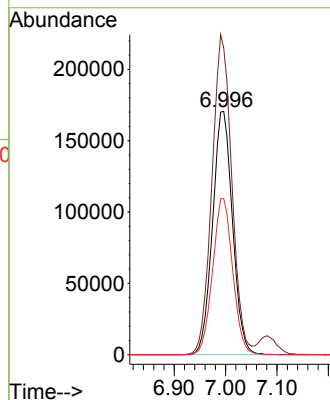
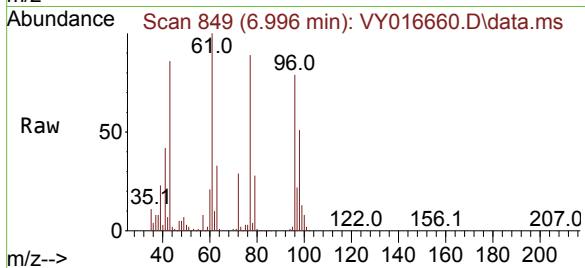
Tgt Ion: 96 Resp: 459845

Ion Ratio Lower Upper

96 100

61 131.1 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 148.463 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

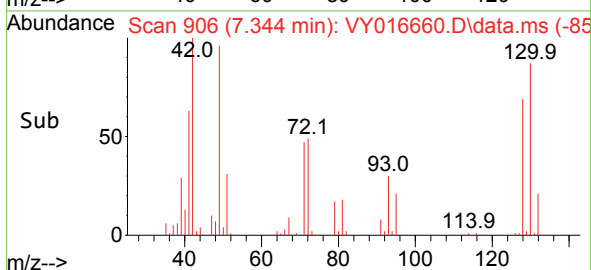
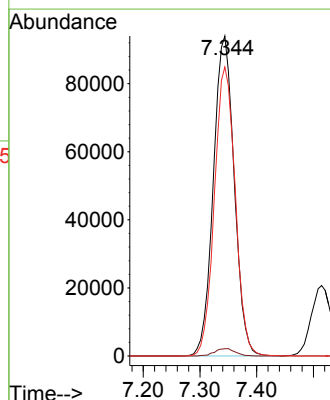
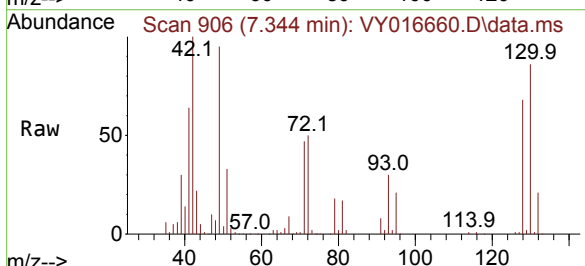
Tgt Ion: 49 Resp: 240093

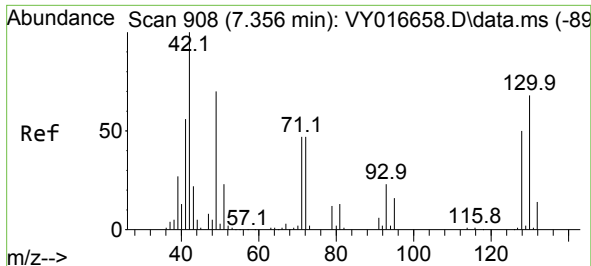
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 90.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 790.023 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

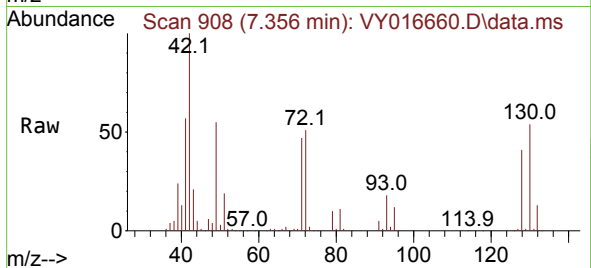
Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :



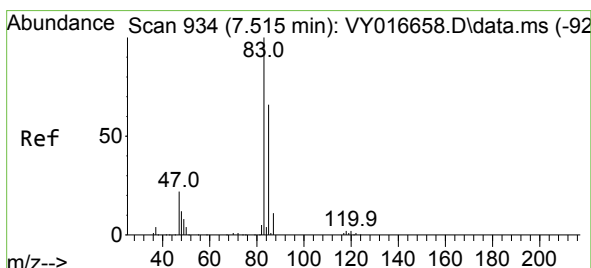
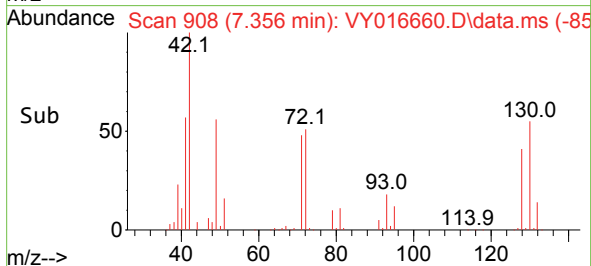
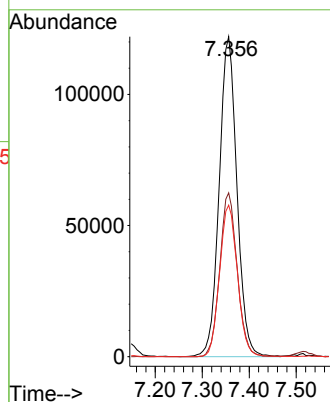
Tgt Ion: 42 Resp: 320486

Ion Ratio Lower Upper

42 100

72 50.3 32.8 49.2#

71 47.7 31.0 46.4#



#30

Chloroform

Concen: 151.288 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.000 min

Lab File: VY016660.D

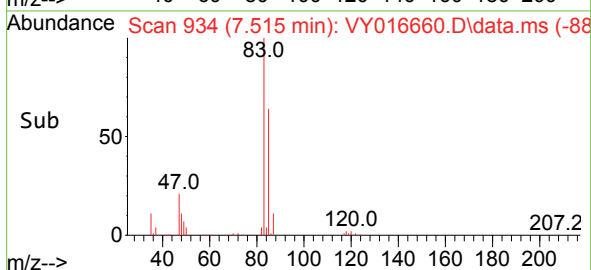
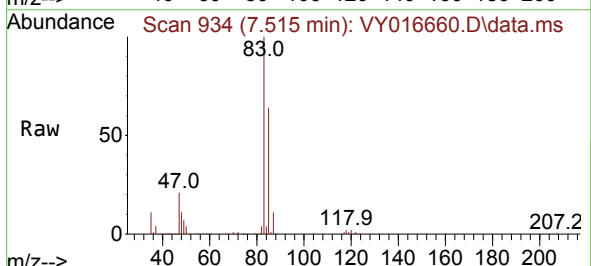
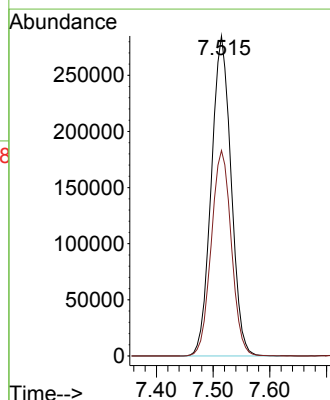
Acq: 15 Dec 2023 18:22

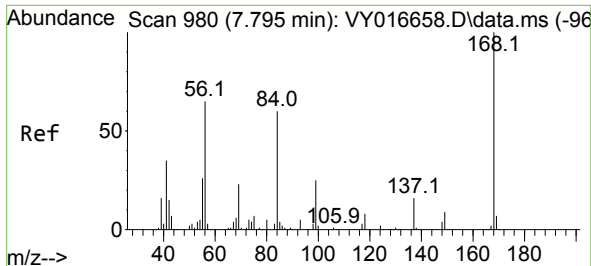
Tgt Ion: 83 Resp: 691185

Ion Ratio Lower Upper

83 100

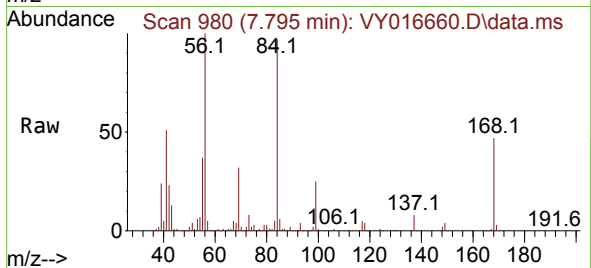
85 64.2 49.7 74.5



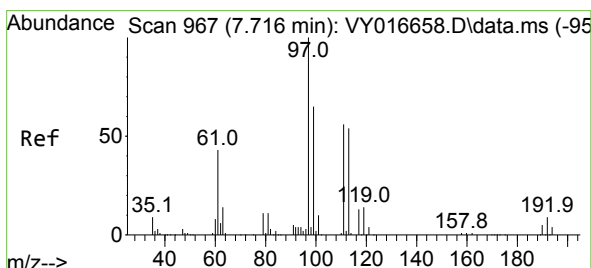
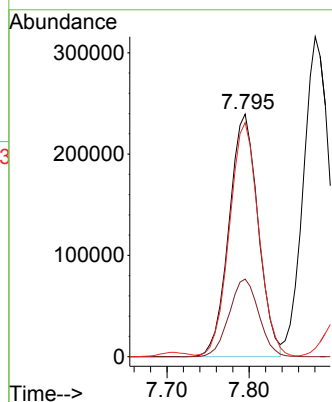
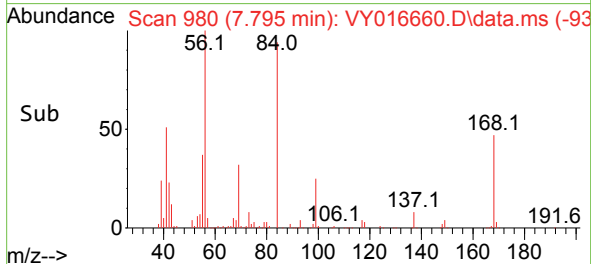


#31
Cyclohexane
Concen: 143.180 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

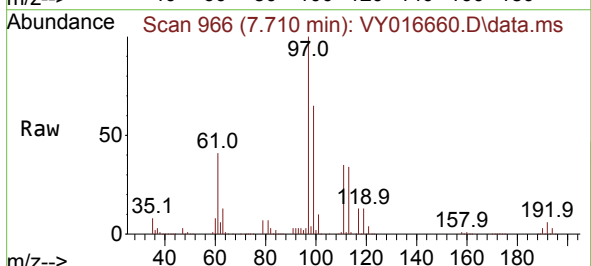
Instrument :
MSVOA_Y
ClientSampleId :



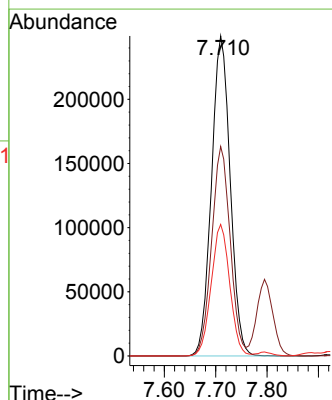
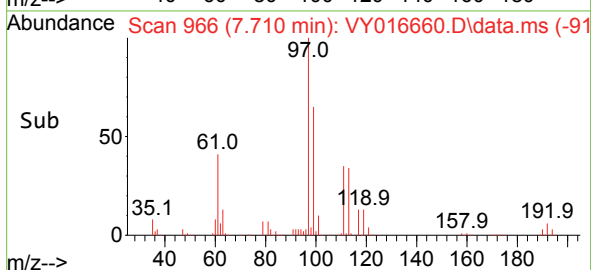
Tgt Ion: 56 Resp: 589909
Ion Ratio Lower Upper
56 100
69 32.0 27.8 41.6
84 95.1 66.4 99.6

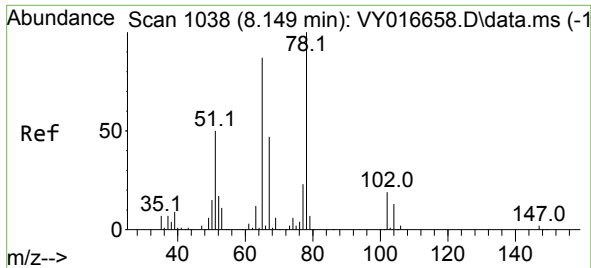


#32
1,1,1-Trichloroethane
Concen: 154.024 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



Tgt Ion: 97 Resp: 631288
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 40.8 35.1 52.7

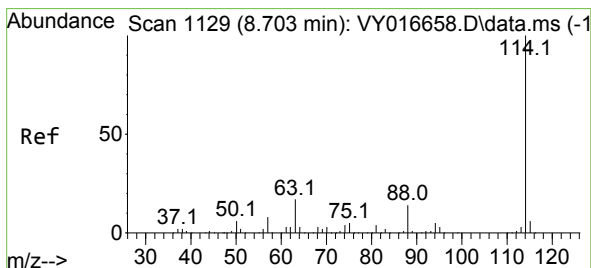
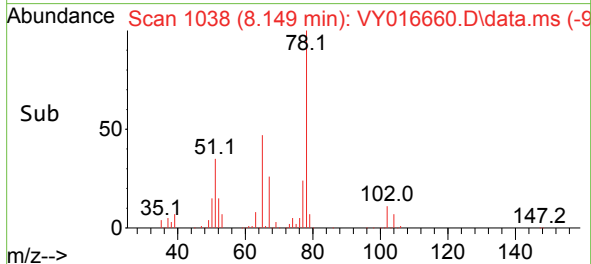
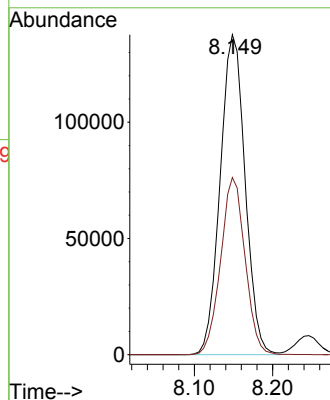
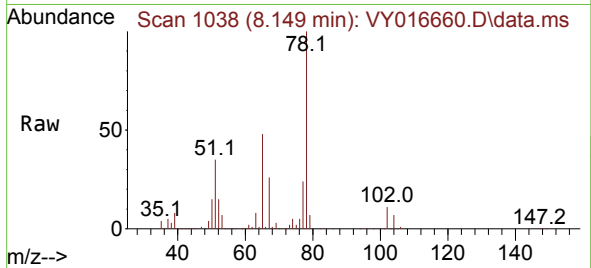




#33
 1,2-Dichloroethane-d4
 Concen: 145.442 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

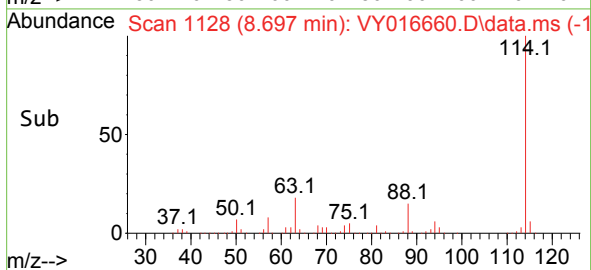
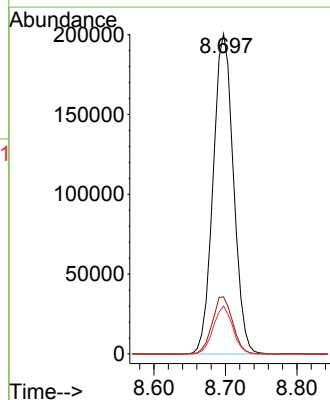
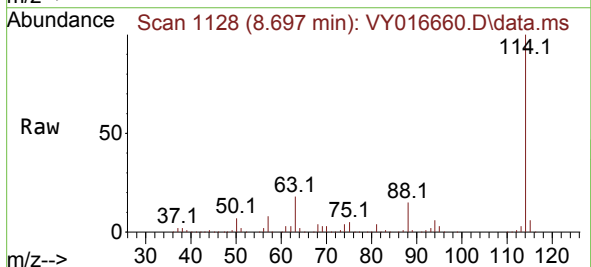
Instrument :
 MSVOA_Y
 ClientSampleId :

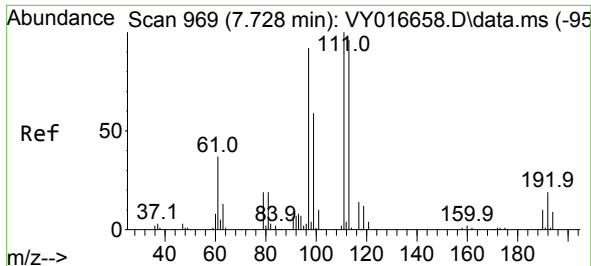
Tgt Ion: 65 Resp: 304681
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

Tgt Ion:114 Resp: 395882
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 42.4
 88 14.9 0.0 30.6

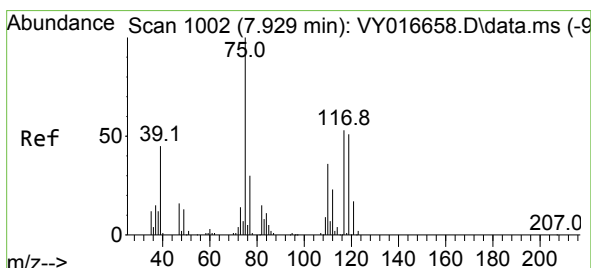
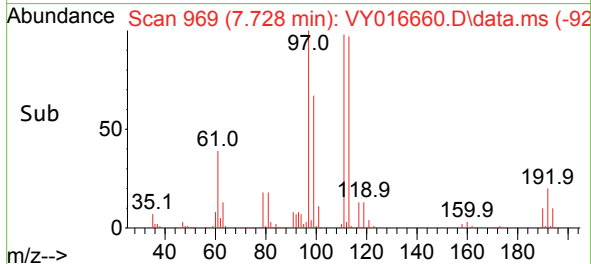
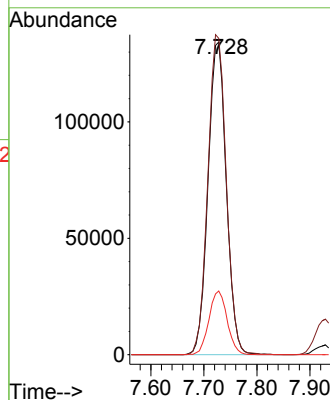
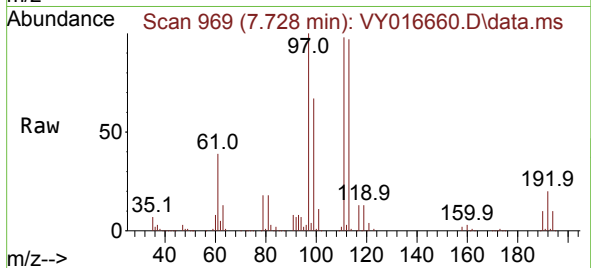




#35
Dibromofluoromethane
Concen: 151.327 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

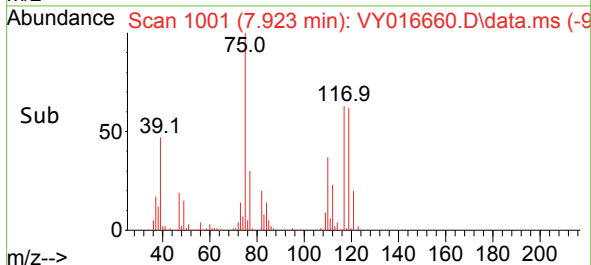
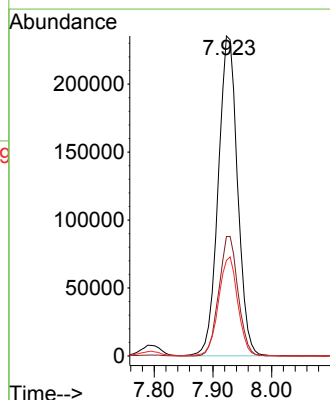
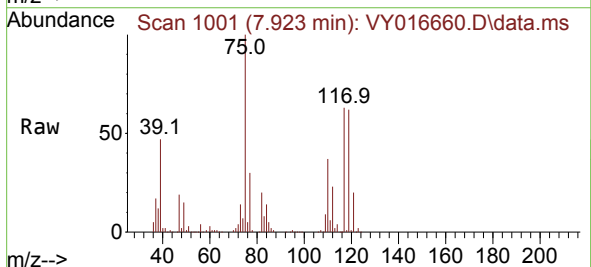
Instrument :
MSVOA_Y
ClientSampleId :

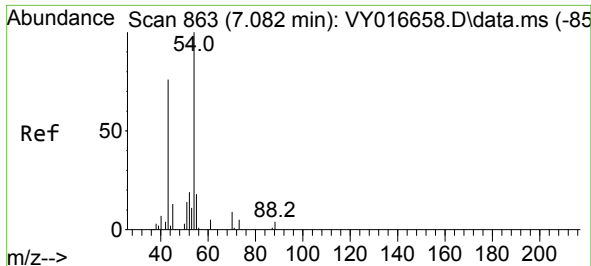
Tgt Ion:113 Resp: 321339
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 20.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 152.465 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 75 Resp: 536237
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 31.1 24.4 36.6

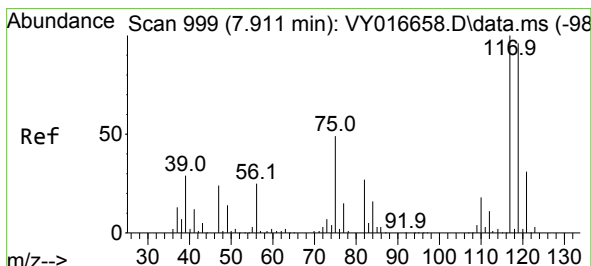
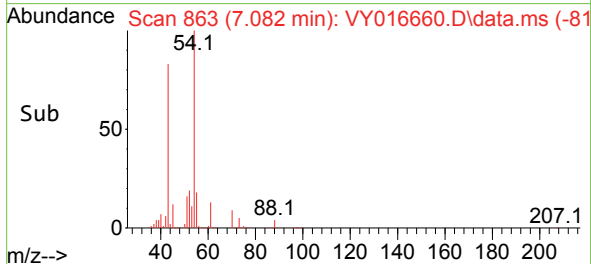
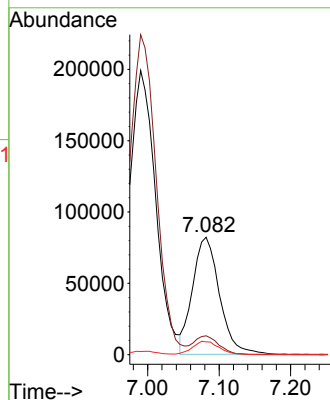
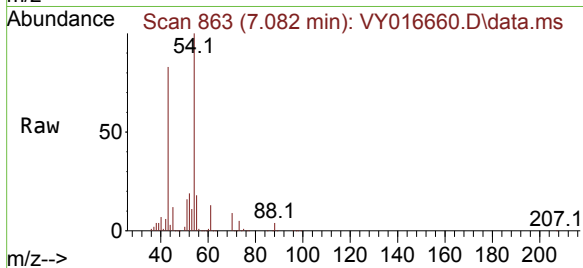




#37
Ethyl Acetate
Concen: 148.409 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

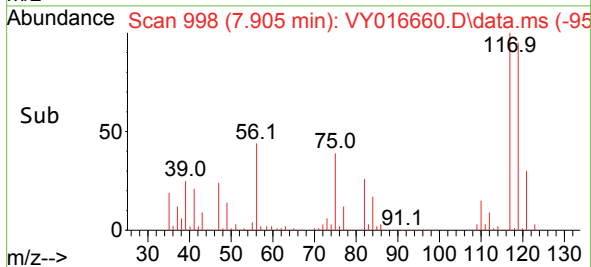
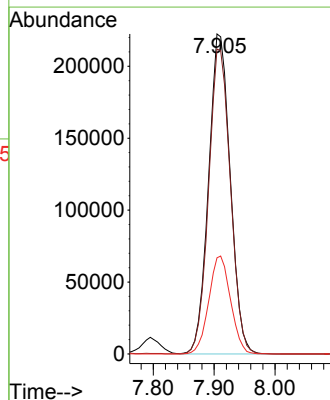
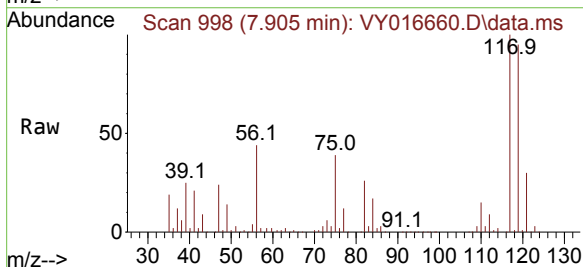
Instrument :
MSVOA_Y
ClientSampleId :

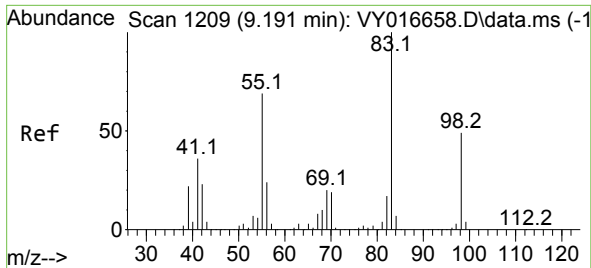
Tgt Ion: 43 Resp: 215104
Ion Ratio Lower Upper
43 100
61 15.7 10.1 15.1#
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 155.689 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 117 Resp: 550024
Ion Ratio Lower Upper
117 100
119 95.3 76.4 114.6
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 163.210 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

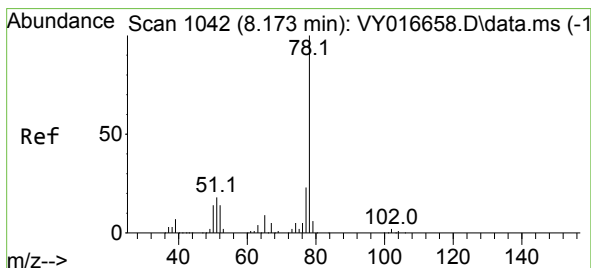
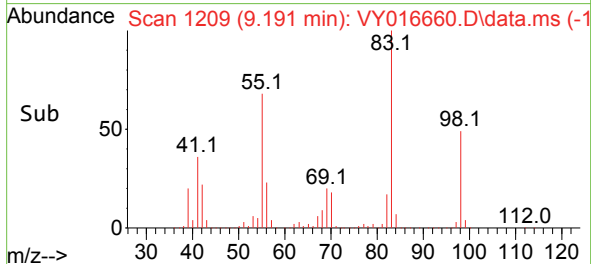
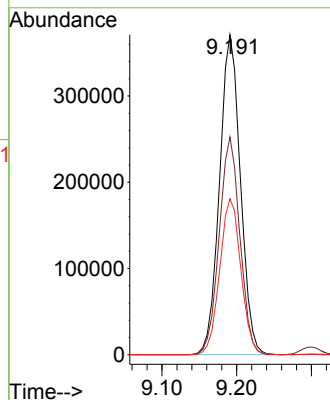
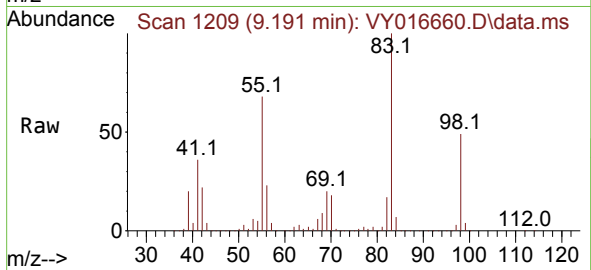
Tgt Ion: 83 Resp: 721467

Ion Ratio Lower Upper

83 100

55 68.1 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 156.980 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016660.D

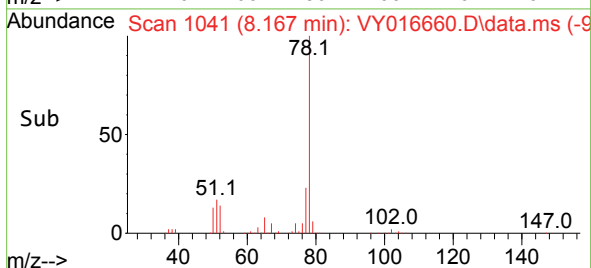
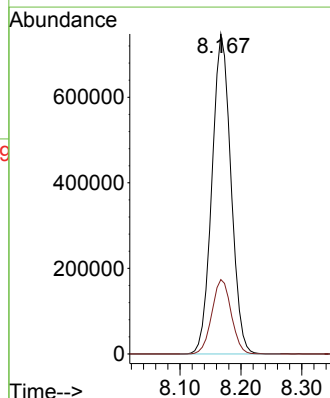
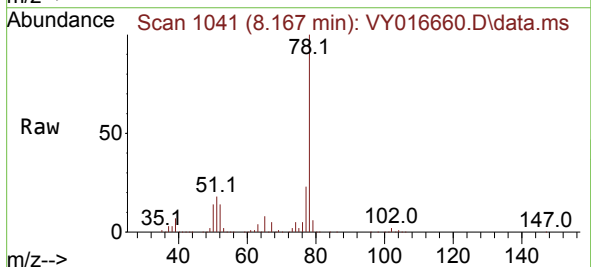
Acq: 15 Dec 2023 18:22

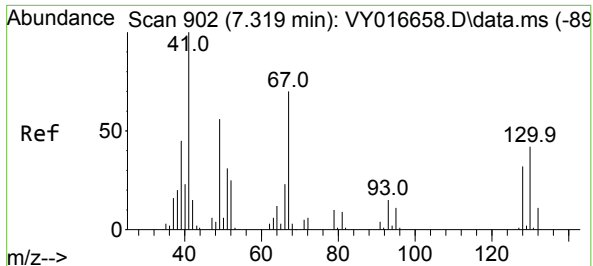
Tgt Ion: 78 Resp: 1618169

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

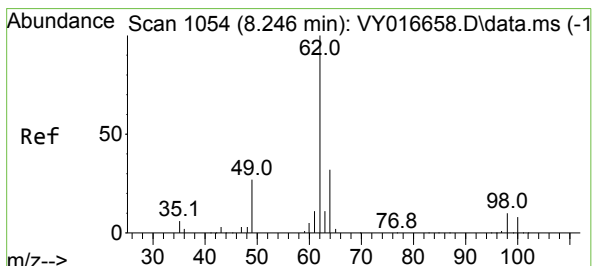
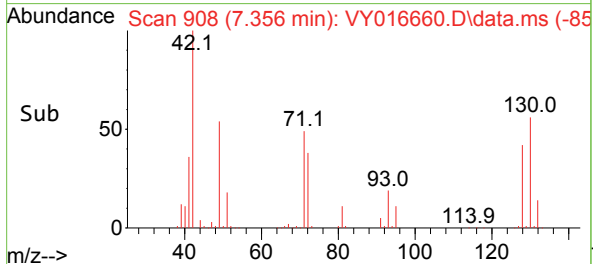
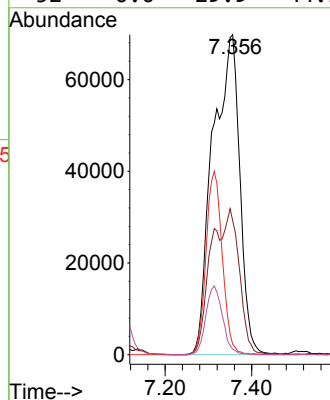
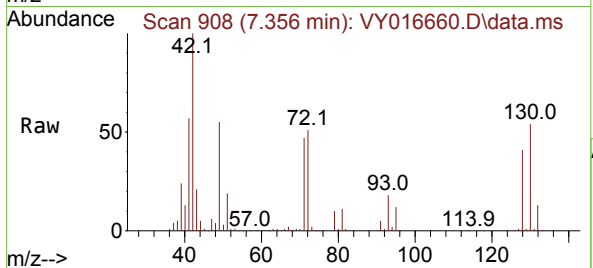




#41
Methacrylonitrile
Concen: 390.922 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.037 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

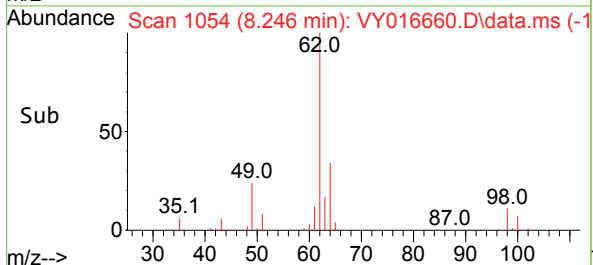
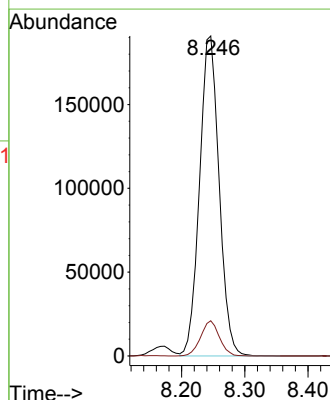
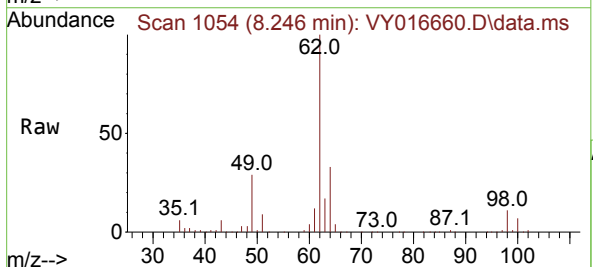
Instrument :
MSVOA_Y
ClientSampleId :

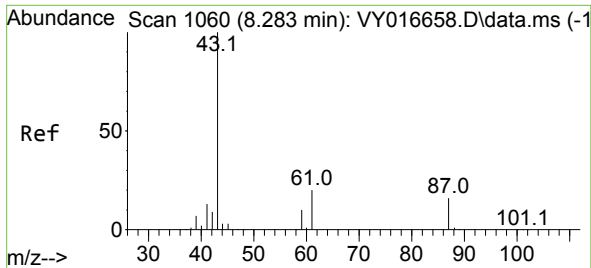
Tgt Ion: 41 Resp: 300881
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 156.104 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 62 Resp: 411271
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

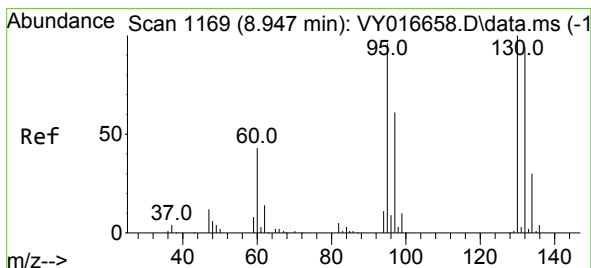
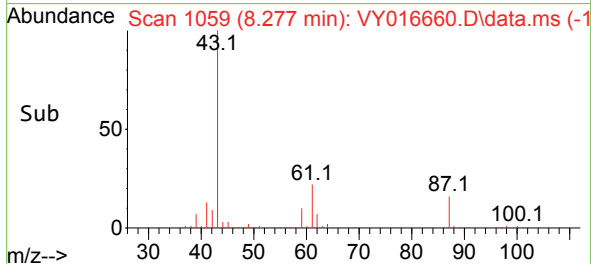
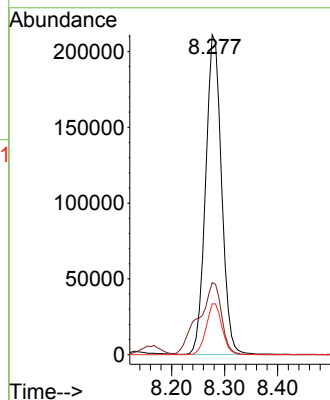
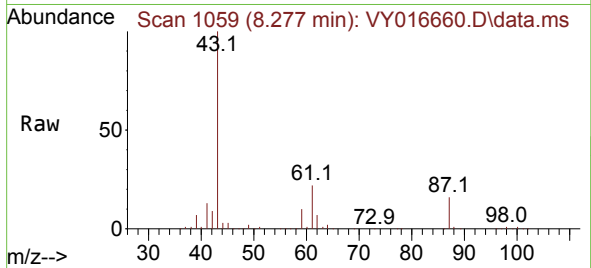




#43
Isopropyl Acetate
Concen: 165.016 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

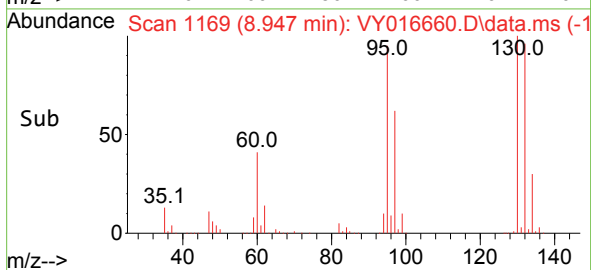
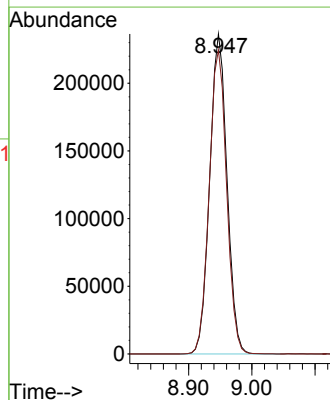
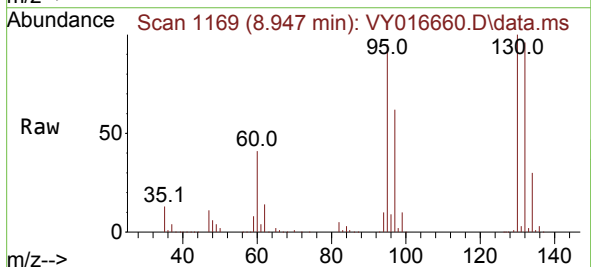
Instrument :
MSVOA_Y
ClientSampleId :

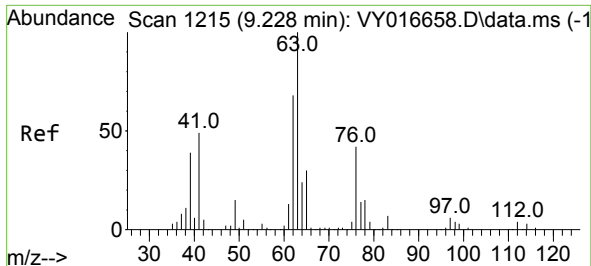
Tgt Ion: 43 Resp: 439566
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7#
87 15.9 9.8 14.8#



#44
Trichloroethene
Concen: 156.755 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:130 Resp: 450024
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 156.074 ug/l

RT: 9.222 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

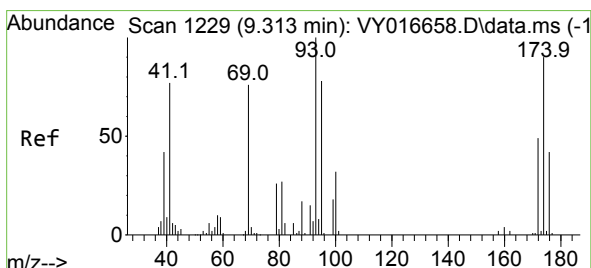
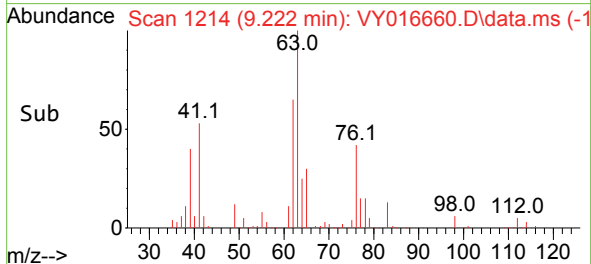
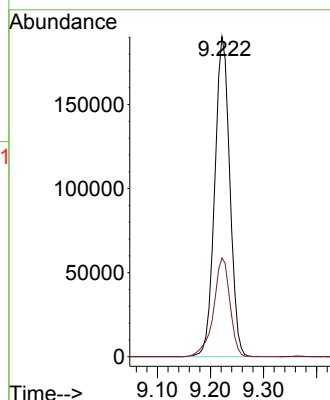
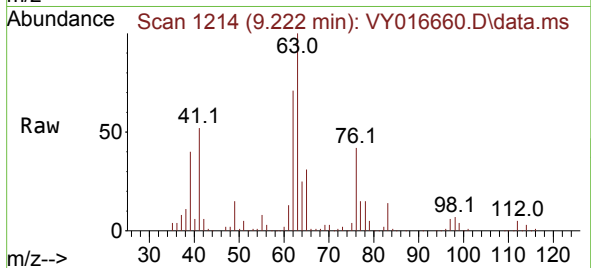
ClientSampleId :

Tgt Ion: 63 Resp: 375853

Ion Ratio Lower Upper

63 100

65 30.9 23.8 35.6



#46

Dibromomethane

Concen: 160.510 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

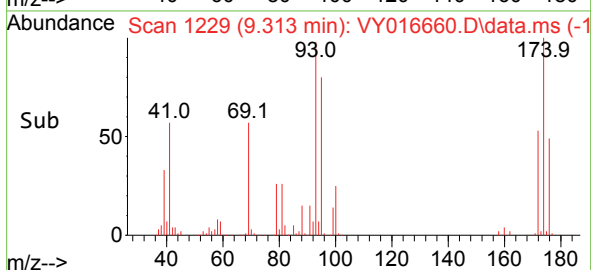
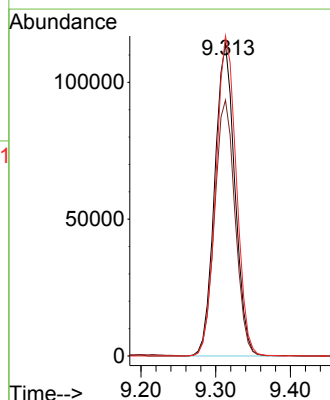
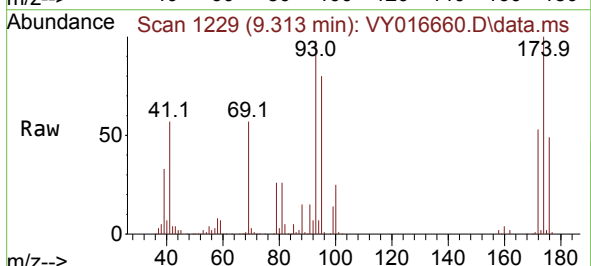
Tgt Ion: 93 Resp: 213763

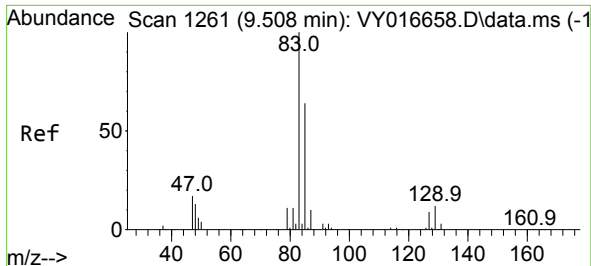
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 103.8 84.8 127.2

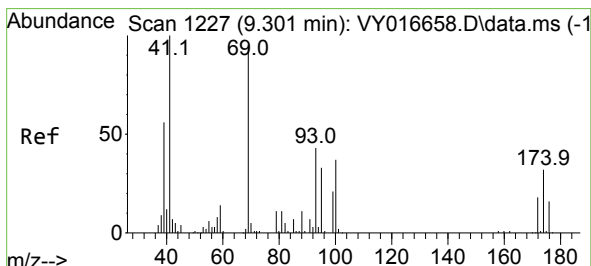
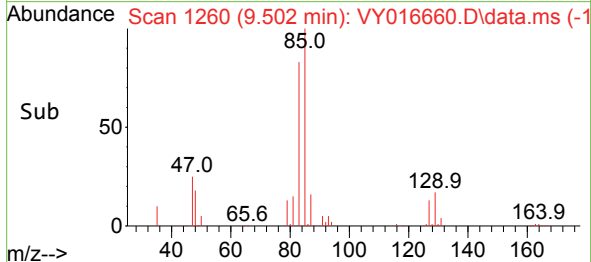
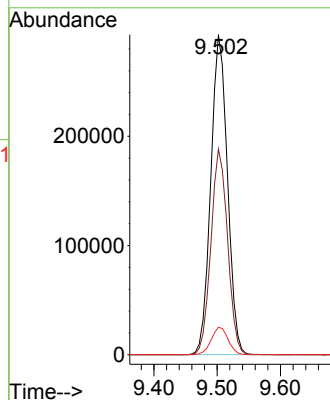
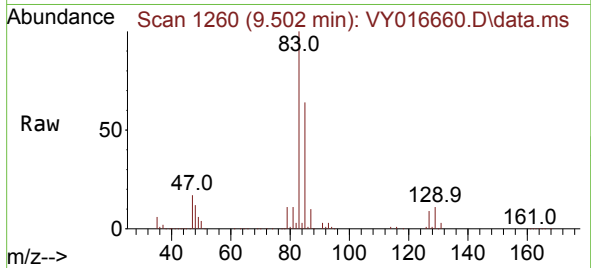




#47
Bromodichloromethane
Concen: 159.293 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

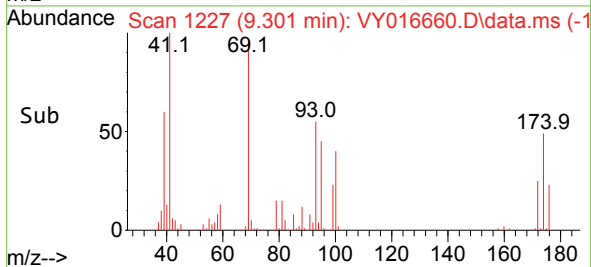
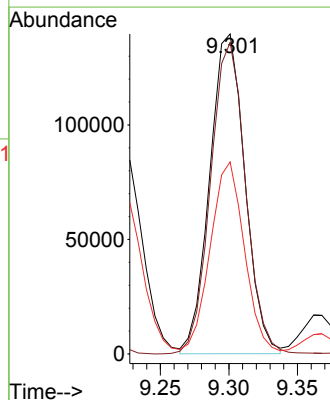
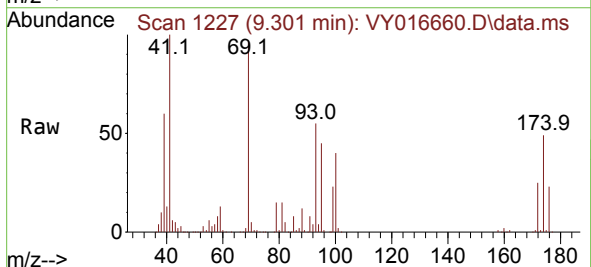
Instrument :
MSVOA_Y
ClientSampleId :

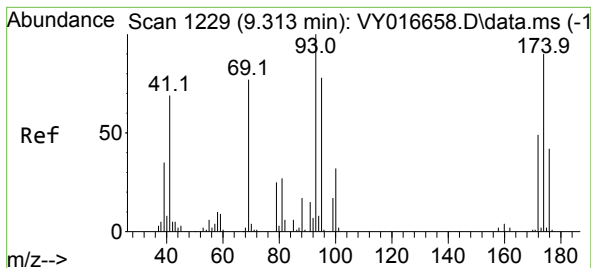
Tgt Ion: 83 Resp: 536011
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 169.121 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 41 Resp: 249462
Ion Ratio Lower Upper
41 100
69 97.1 64.5 96.7#
39 56.3 50.8 76.2





#49

1,4-Dioxane

Concen: 3288.281 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

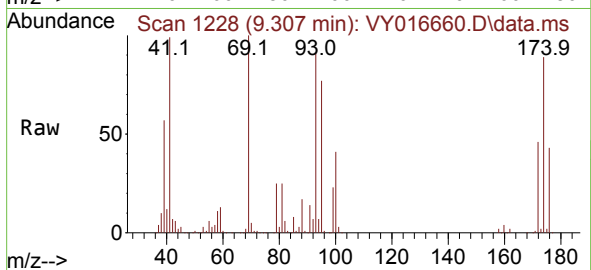
Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :



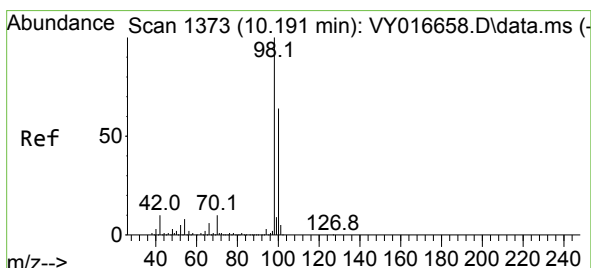
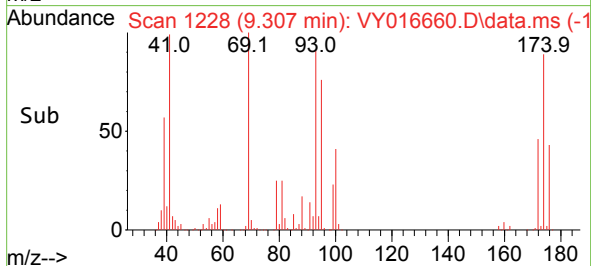
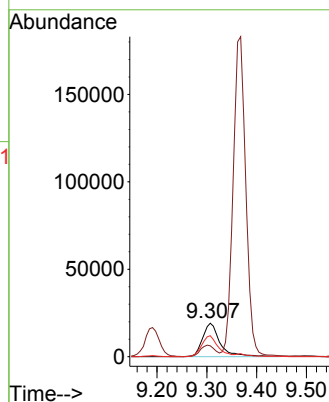
Tgt Ion: 88 Resp: 46911

Ion Ratio Lower Upper

88 100

43 29.0 0.0 0.0#

58 58.4 30.9 46.3#



#50

Toluene-d8

Concen: 146.214 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016660.D

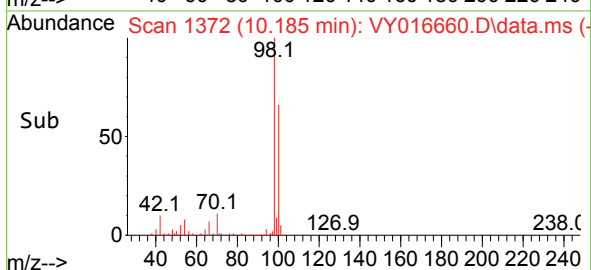
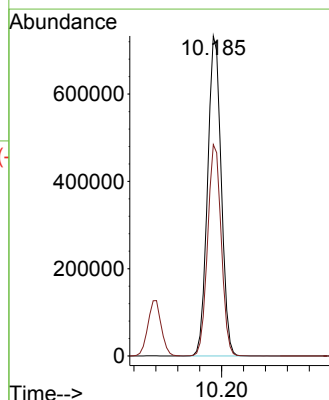
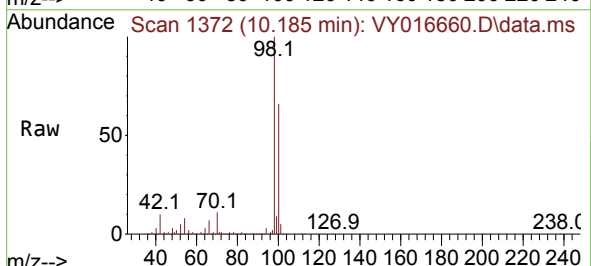
Acq: 15 Dec 2023 18:22

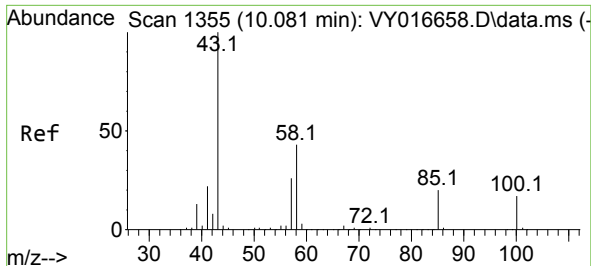
Tgt Ion: 98 Resp: 1258955

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

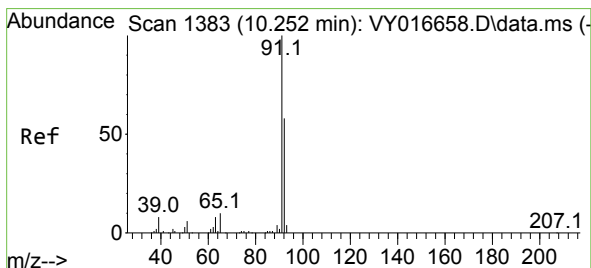
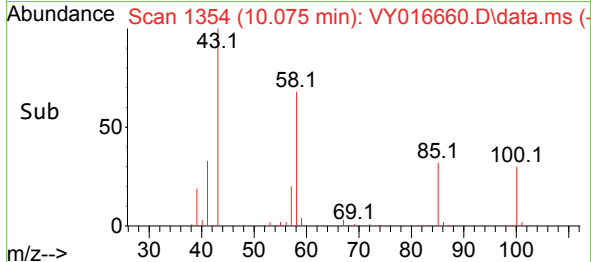
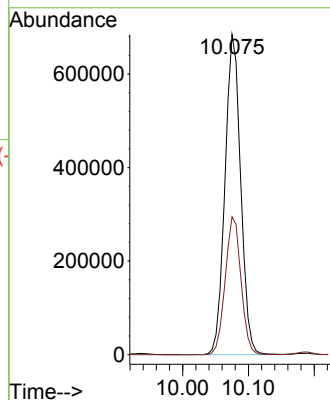
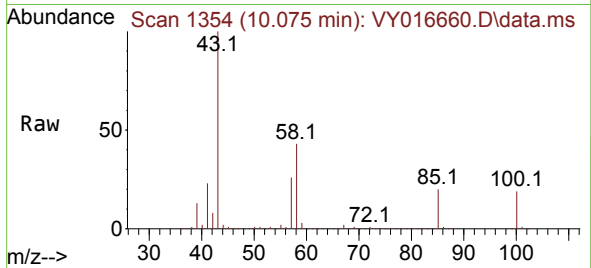




#51
4-Methyl-2-Pentanone
Concen: 813.953 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

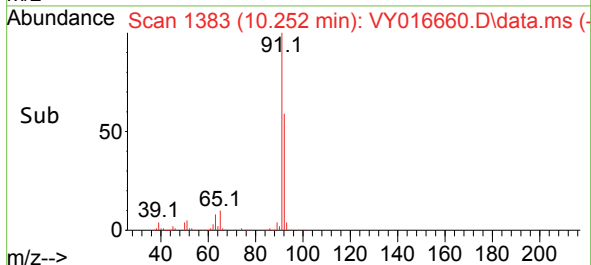
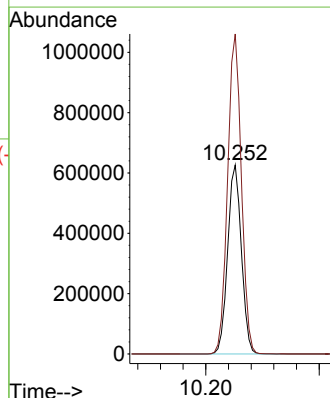
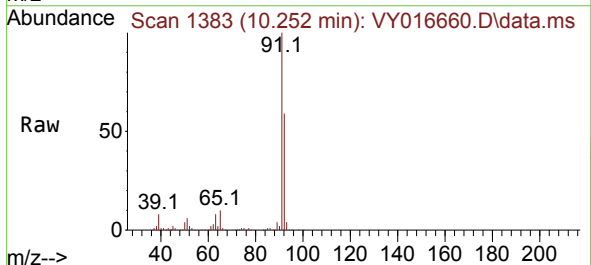
Instrument :
MSVOA_Y
ClientSampleId :

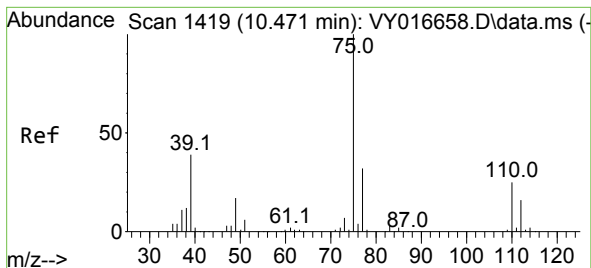
Tgt Ion: 43 Resp: 1137145
Ion Ratio Lower Upper
43 100
58 43.3 29.0 43.6



#52
Toluene
Concen: 162.331 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 92 Resp: 1048164
Ion Ratio Lower Upper
92 100
91 169.9 143.8 215.6

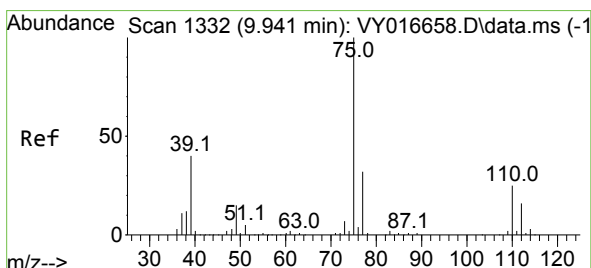
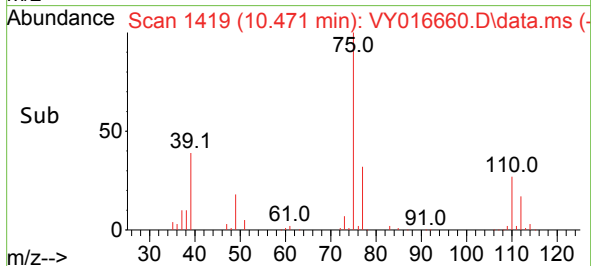
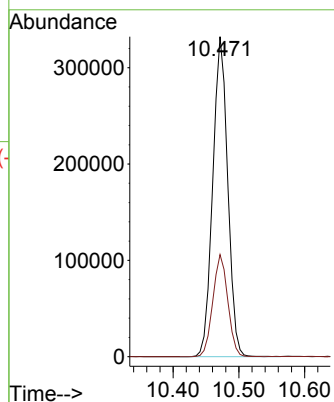
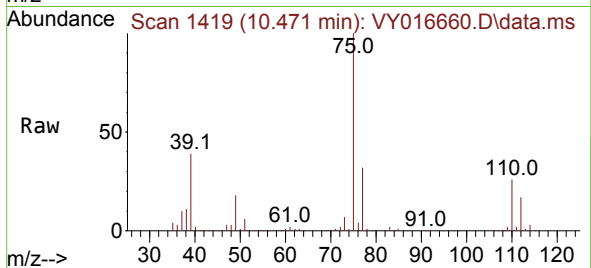




#53
 t-1,3-Dichloropropene
 Concen: 165.796 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

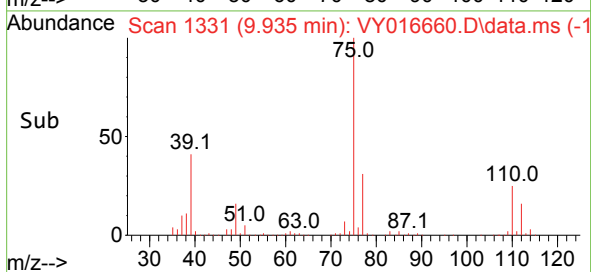
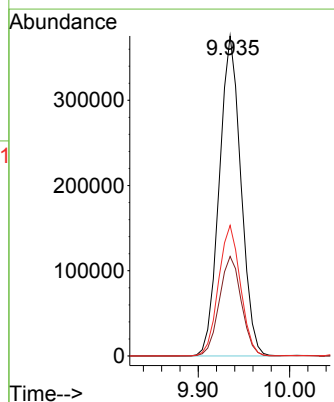
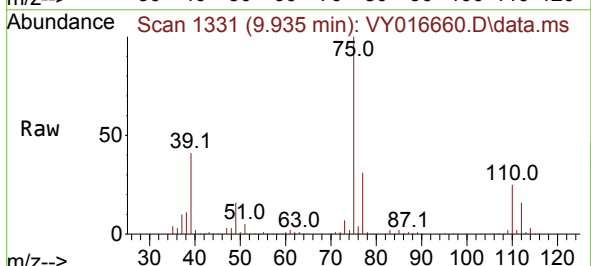
Instrument :
 MSVOA_Y
 ClientSampleId :

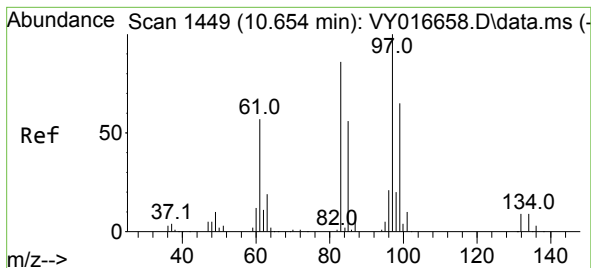
Tgt Ion: 75 Resp: 526303
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 162.062 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016660.D
 Acq: 15 Dec 2023 18:22

Tgt Ion: 75 Resp: 618537
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 40.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 157.826 ug/l

RT: 10.648 min Scan# 1449

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 295336

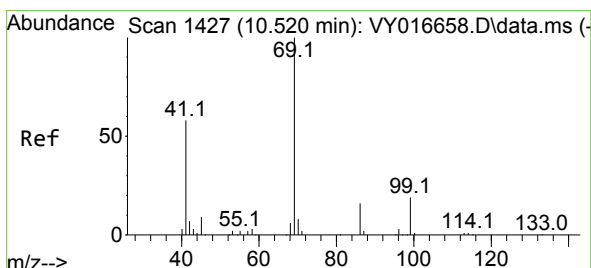
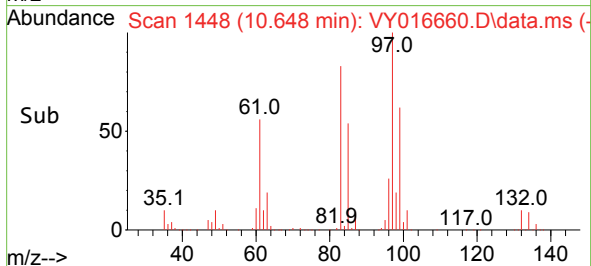
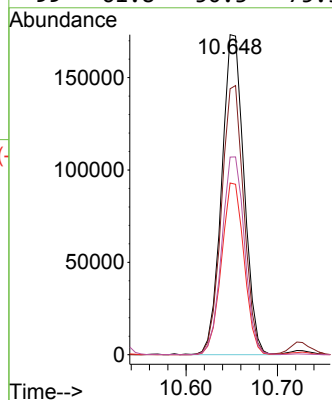
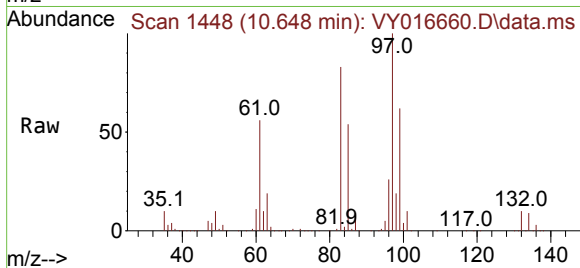
Ion Ratio Lower Upper

97 100

83 83.1 72.0 108.0

85 53.7 45.4 68.0

99 61.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 177.387 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

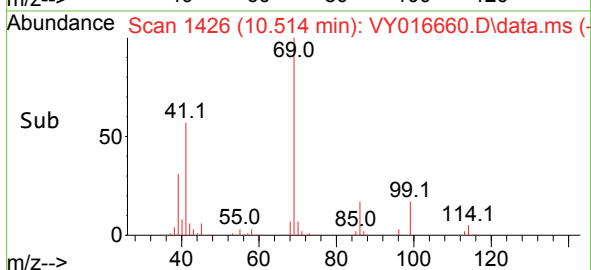
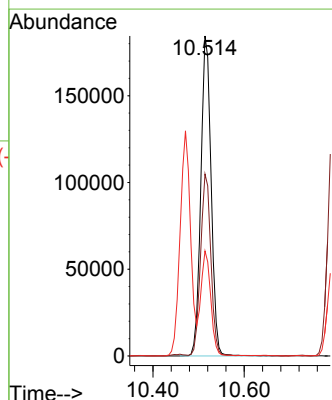
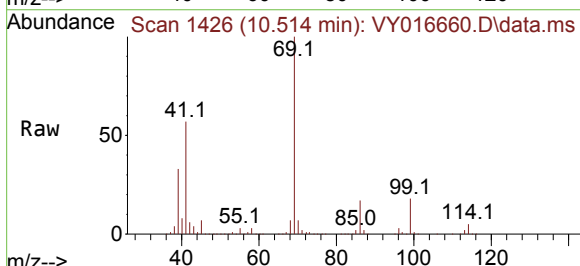
Tgt Ion: 69 Resp: 287796

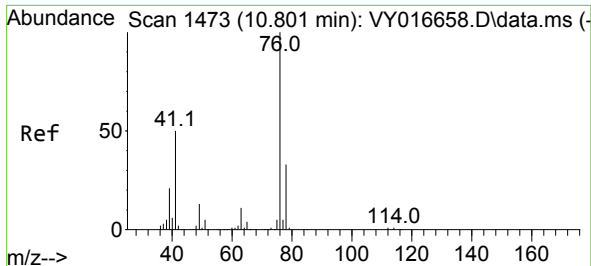
Ion Ratio Lower Upper

69 100

41 56.7 57.6 86.4#

39 31.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 157.637 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

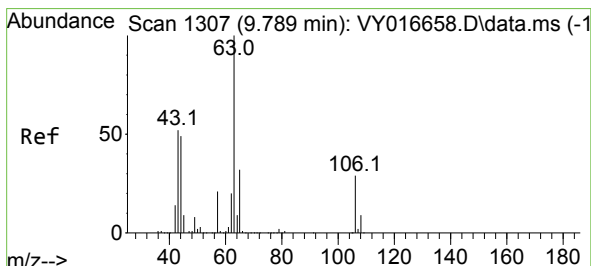
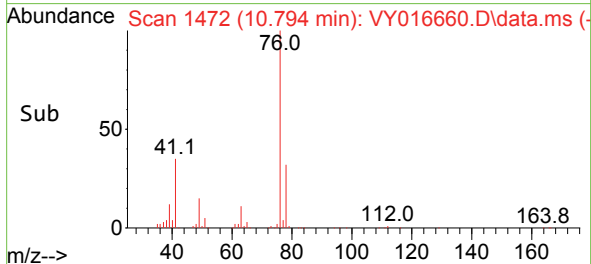
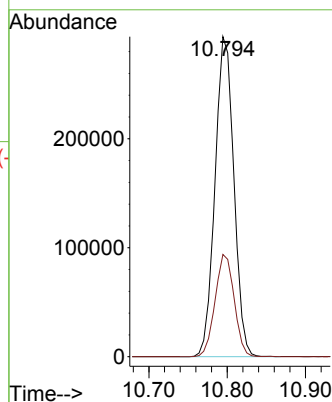
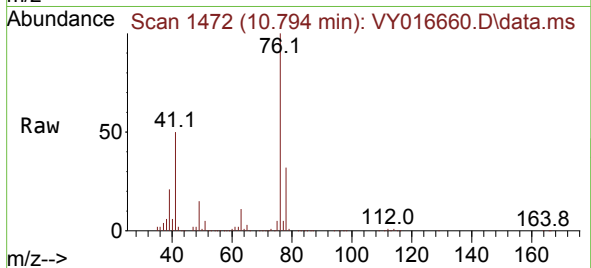
ClientSampleId :

Tgt Ion: 76 Resp: 490926

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 747.822 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016660.D

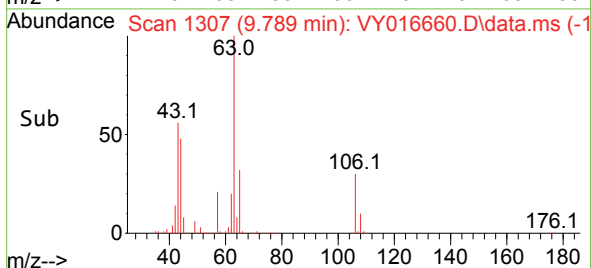
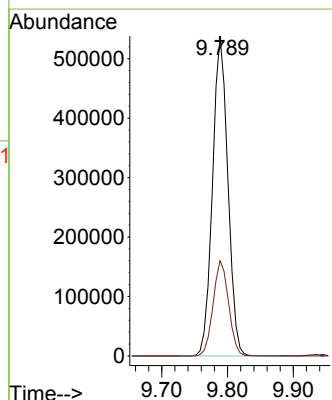
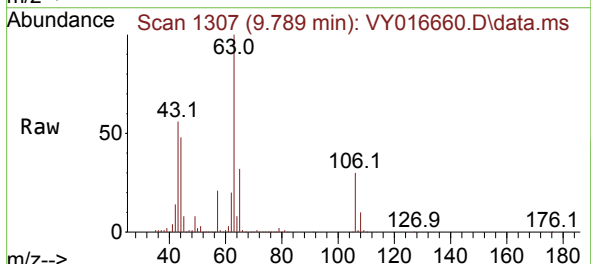
Acq: 15 Dec 2023 18:22

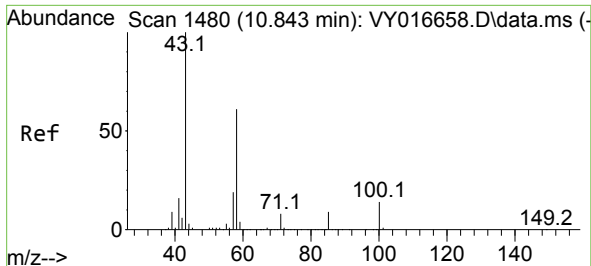
Tgt Ion: 63 Resp: 873620

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

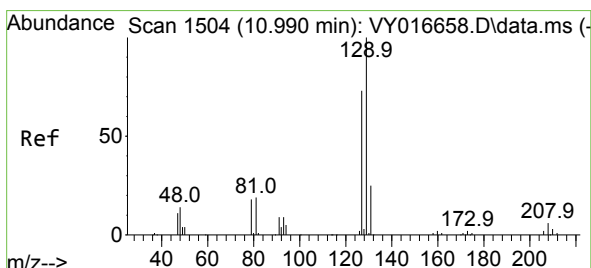
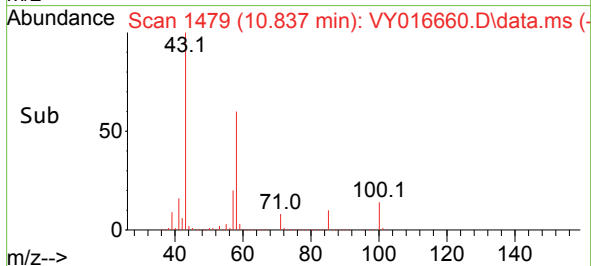
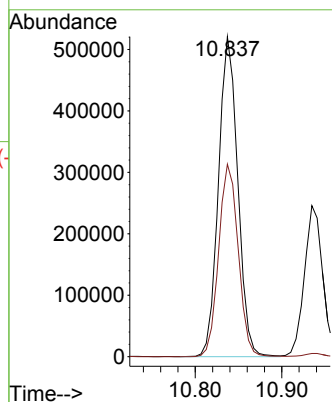
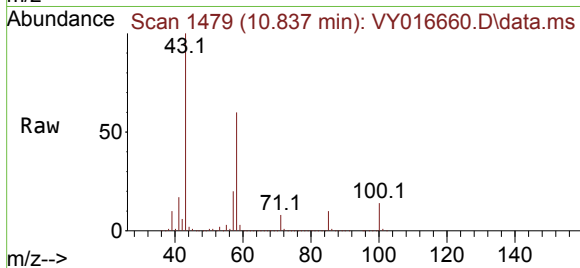




#59
2-Hexanone
Concen: 703.382 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

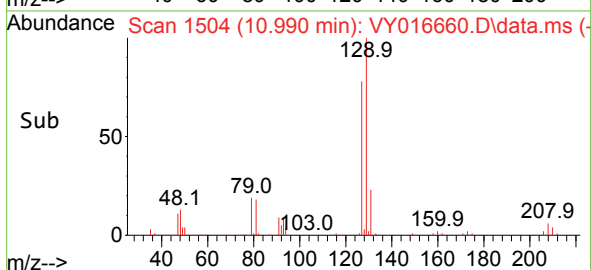
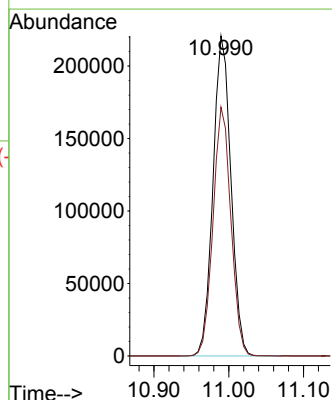
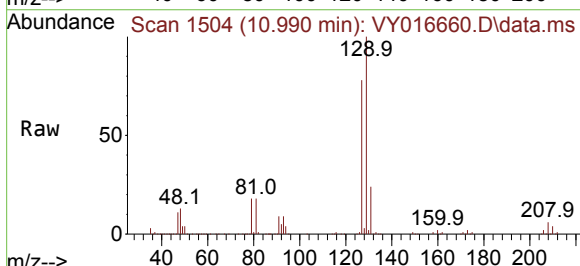
Instrument :
MSVOA_Y
ClientSampleId :

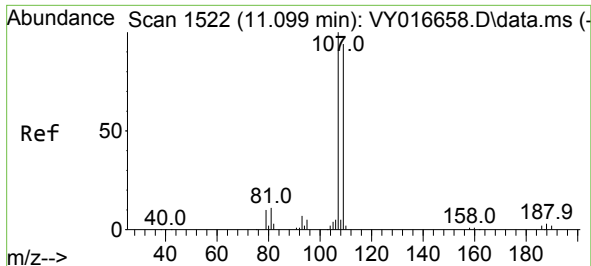
Tgt Ion: 43 Resp: 806188
Ion Ratio Lower Upper
43 100
58 61.0 25.1 75.3



#60
Dibromochloromethane
Concen: 162.523 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:129 Resp: 368576
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

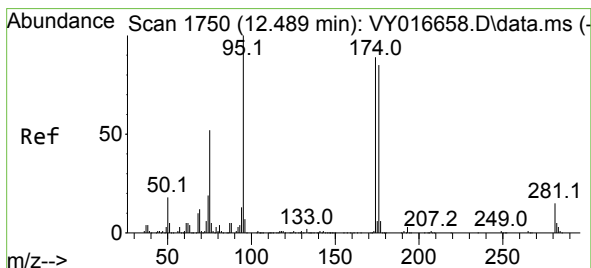
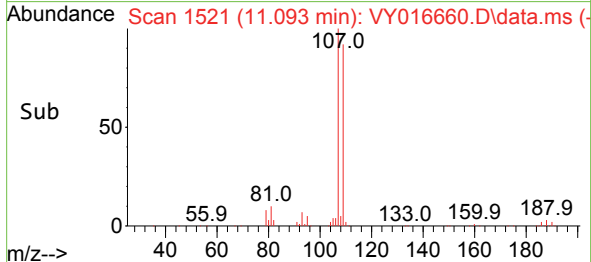
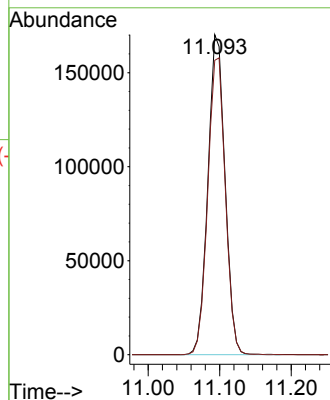
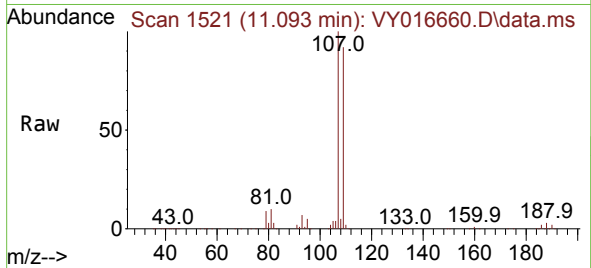




#61
1,2-Dibromoethane
Concen: 161.301 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

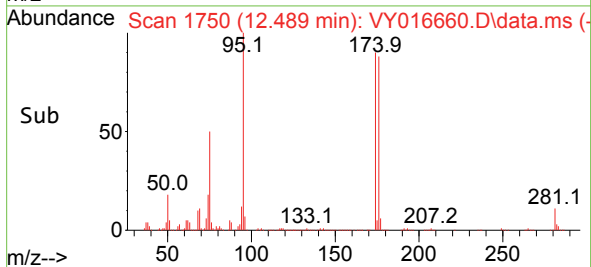
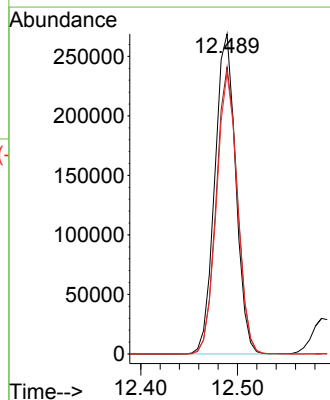
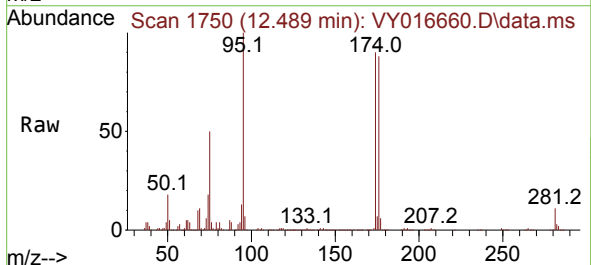
Instrument :
MSVOA_Y
ClientSampleId :

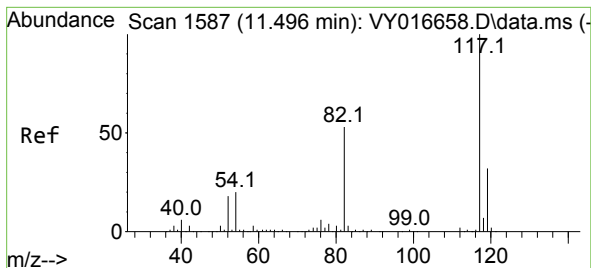
Tgt Ion:107 Resp: 283293
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 148.297 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

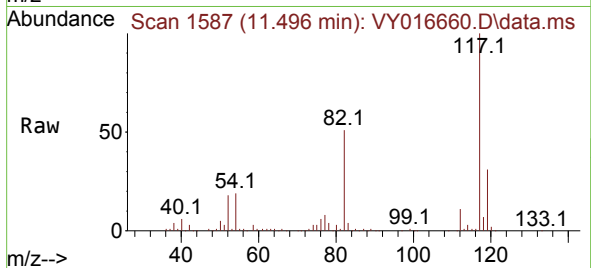
Tgt Ion: 95 Resp: 403560
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.2
176 87.6 0.0 173.8



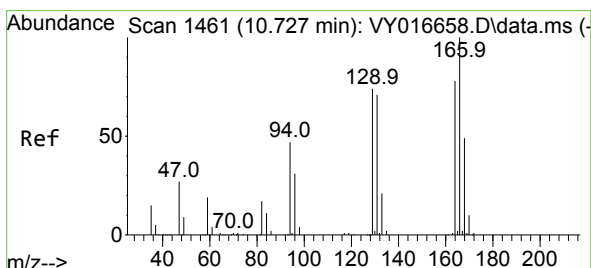
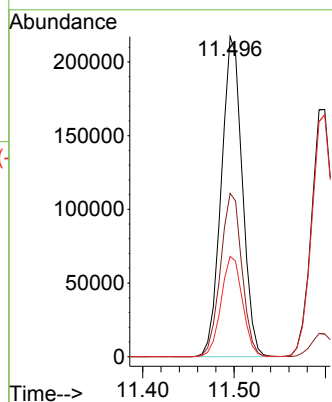
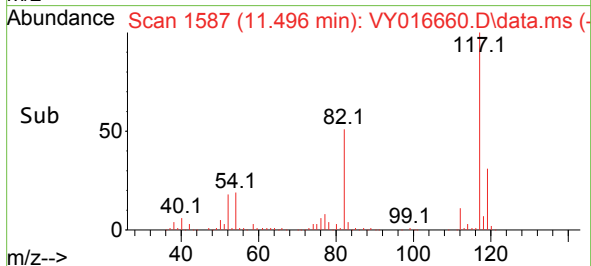


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

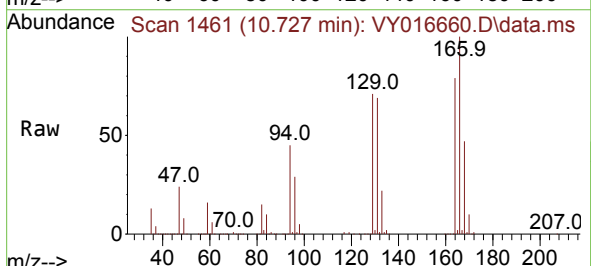
Instrument :
MSVOA_Y
ClientSampleId :



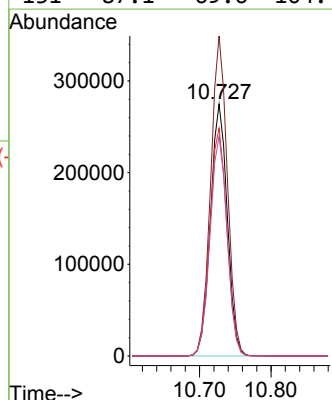
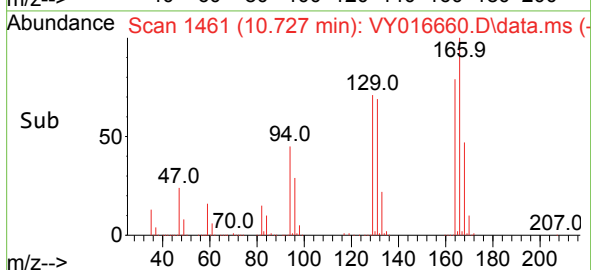
Tgt Ion:117 Resp: 346548
Ion Ratio Lower Upper
117 100
82 51.1 43.4 65.0
119 31.4 26.3 39.5

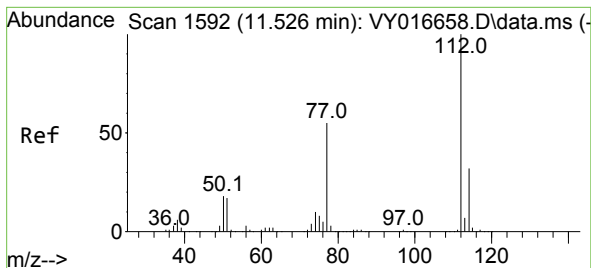


#64
Tetrachloroethene
Concen: 158.114 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22



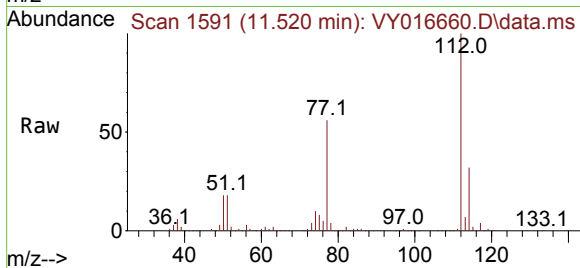
Tgt Ion:164 Resp: 448912
Ion Ratio Lower Upper
164 100
166 127.1 103.0 154.6
129 90.4 77.2 115.8
131 87.1 69.6 104.4



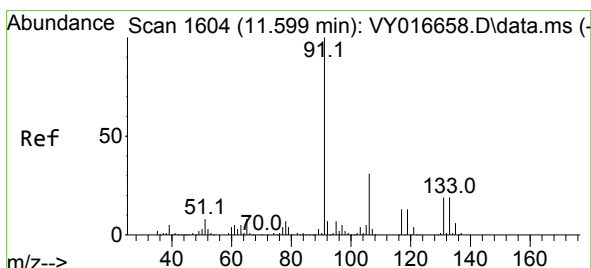
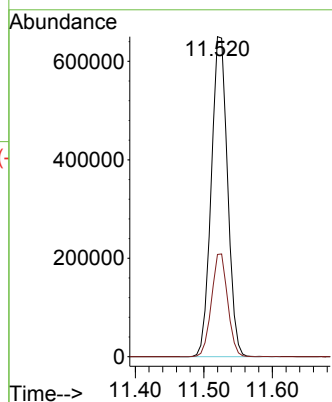
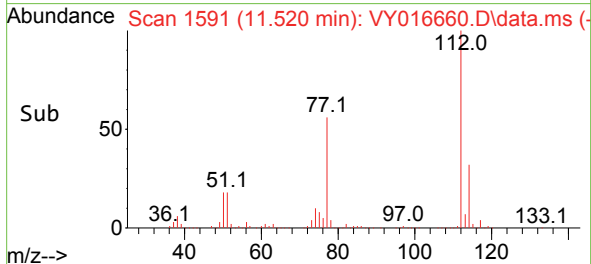


#65
Chlorobenzene
Concen: 158.842 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Instrument :
MSVOA_Y
ClientSampleId :

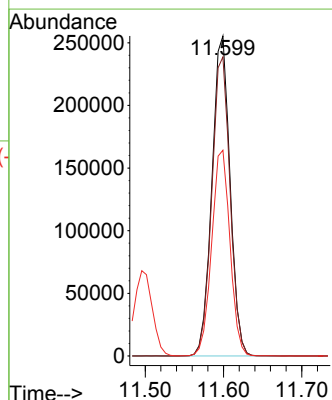
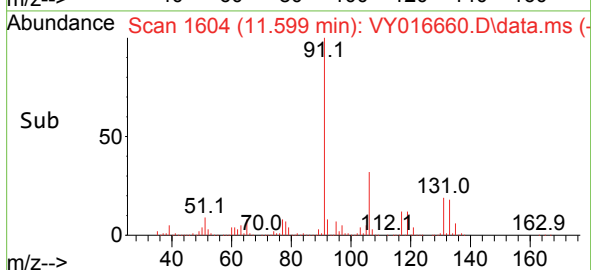
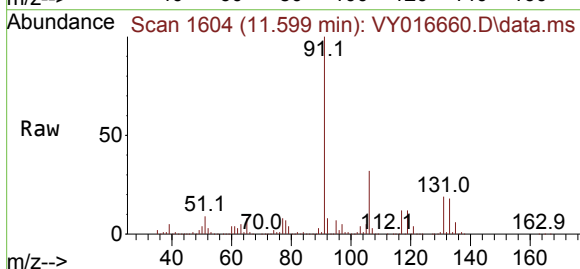


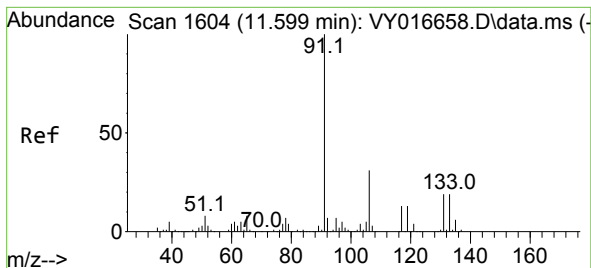
Tgt Ion:112 Resp: 1073689
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 165.759 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:131 Resp: 409772
Ion Ratio Lower Upper
131 100
133 94.5 47.5 142.6
119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 164.859 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

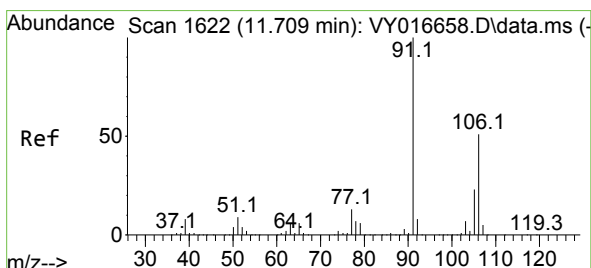
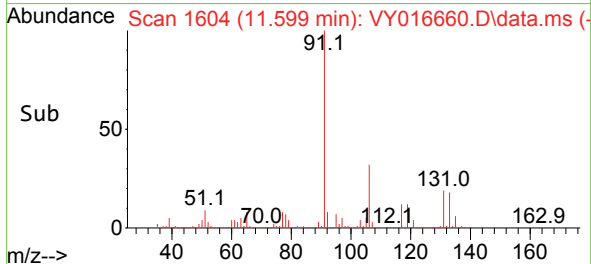
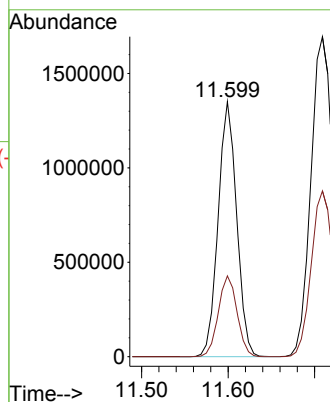
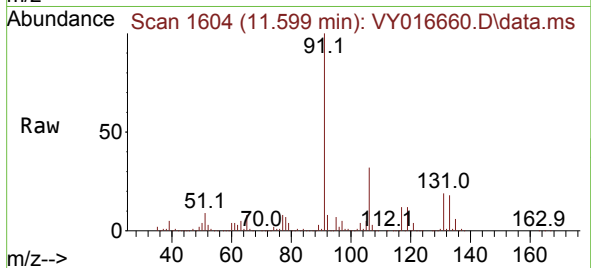
ClientSampleId :

Tgt Ion: 91 Resp: 2004845

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 330.889 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016660.D

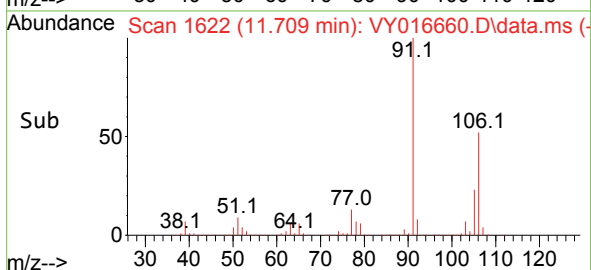
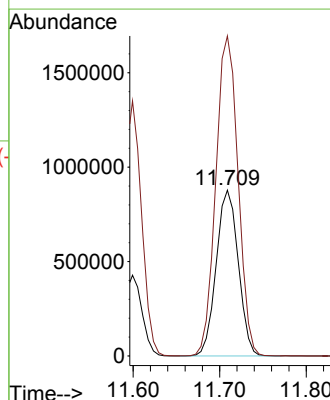
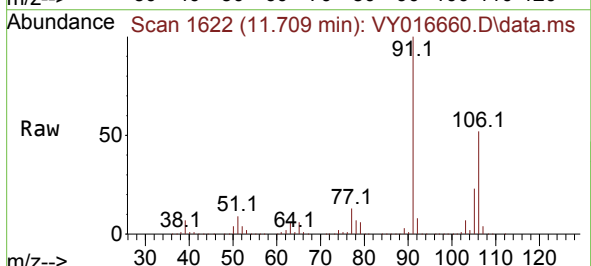
Acq: 15 Dec 2023 18:22

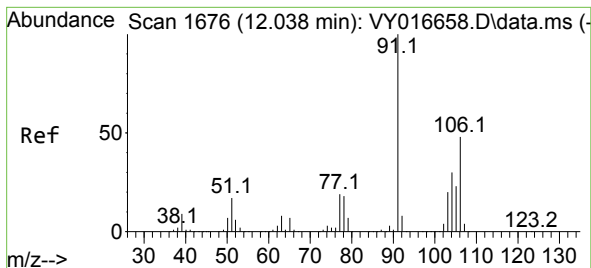
Tgt Ion:106 Resp: 1552381

Ion Ratio Lower Upper

106 100

91 194.6 166.1 249.1





#69

o-Xylene

Concen: 168.071 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

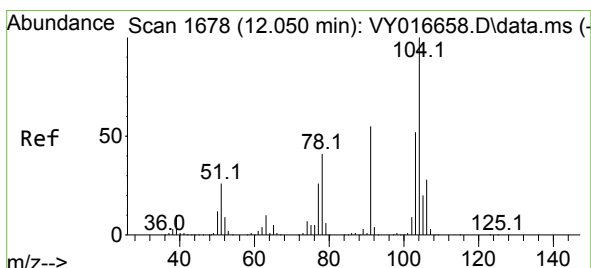
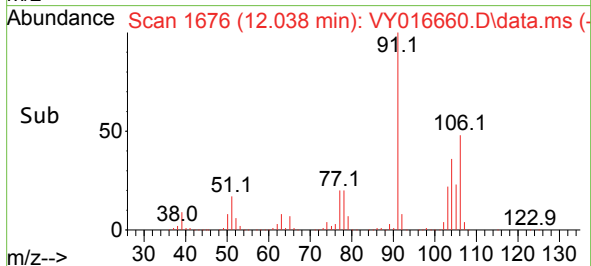
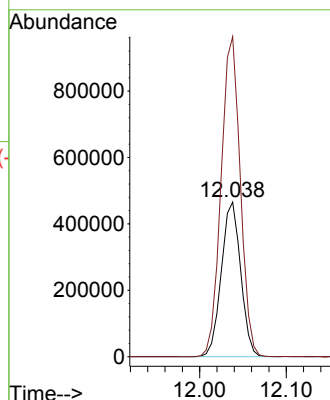
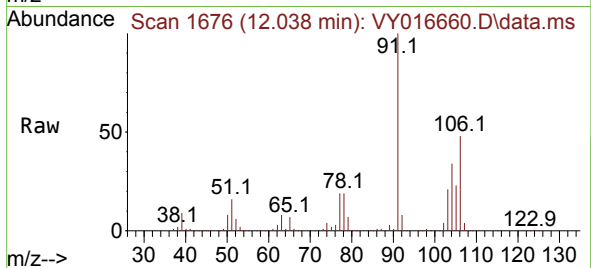
ClientSampleId :

Tgt Ion:106 Resp: 721240

Ion Ratio Lower Upper

106 100

91 206.1 108.1 324.3



#70

Styrene

Concen: 171.350 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

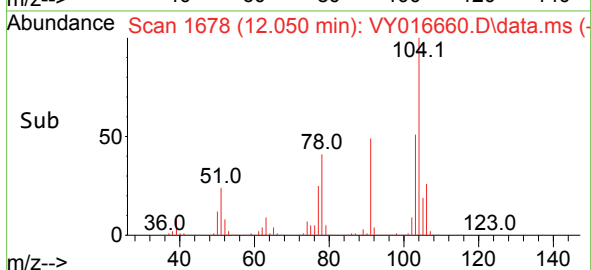
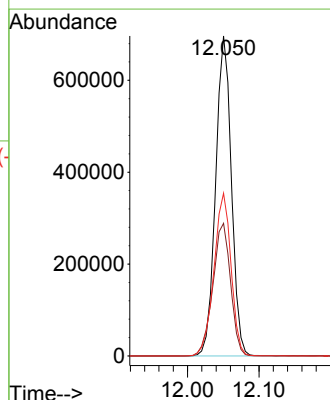
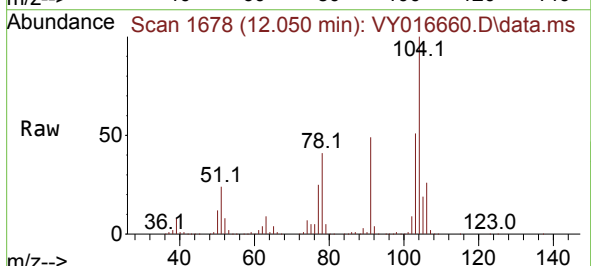
Tgt Ion:104 Resp: 1065335

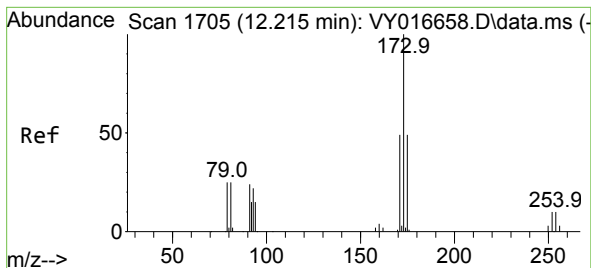
Ion Ratio Lower Upper

104 100

78 46.7 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 166.411 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

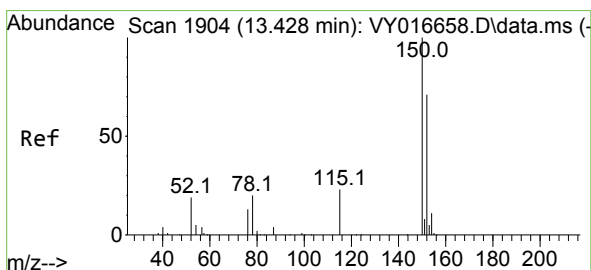
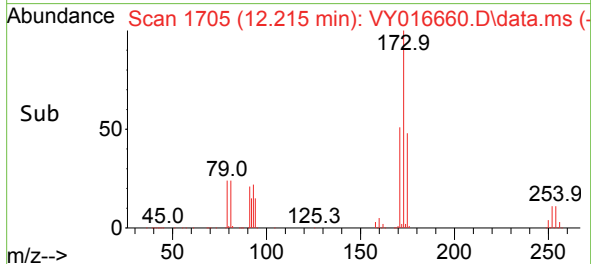
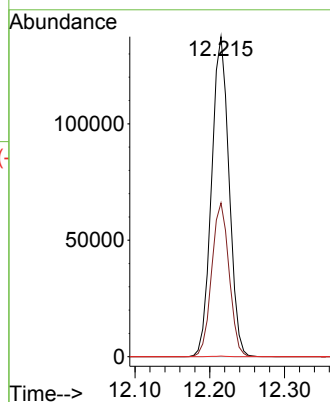
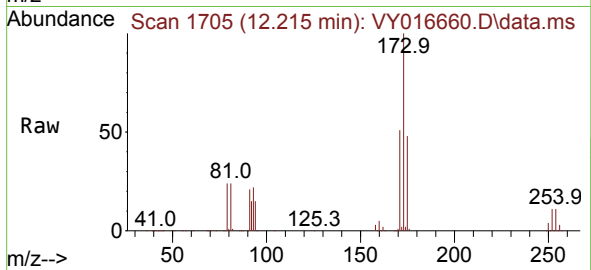
Tgt Ion:173 Resp: 223094

Ion Ratio Lower Upper

173 100

175 47.9 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: VY016660.D

Acq: 15 Dec 2023 18:22

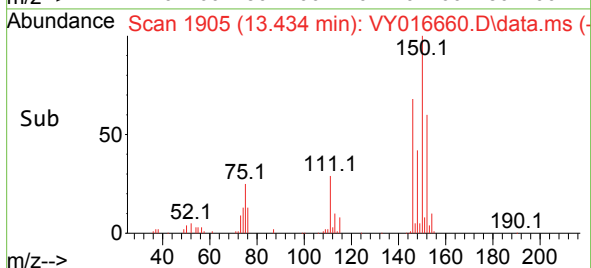
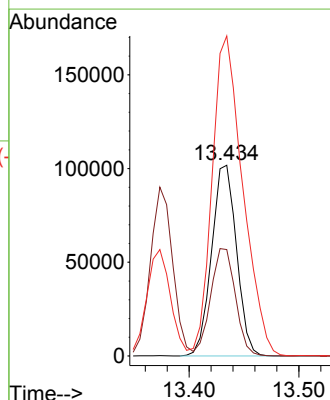
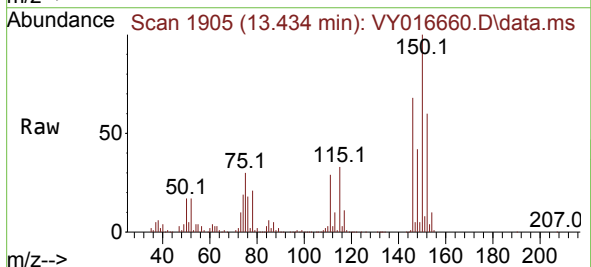
Tgt Ion:152 Resp: 160580

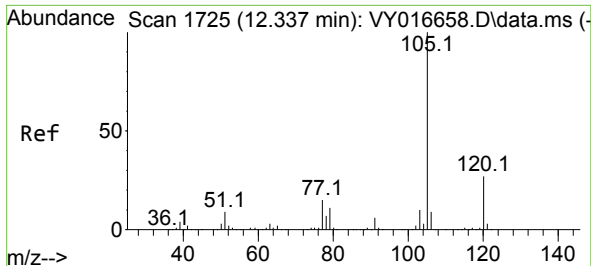
Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 206.8 0.0 348.8

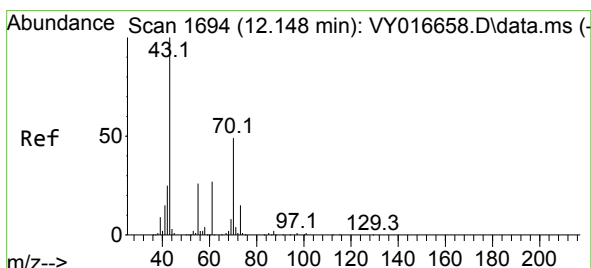
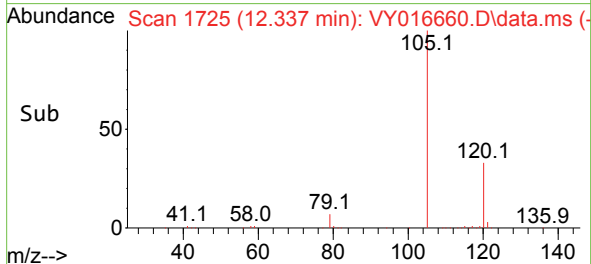
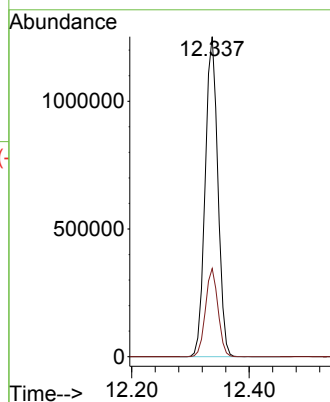
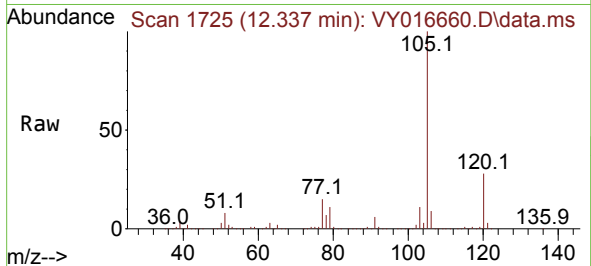




#73
Isopropylbenzene
Concen: 166.332 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

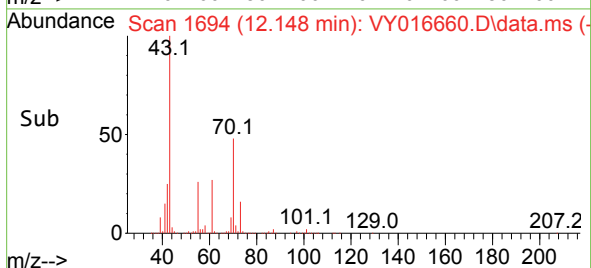
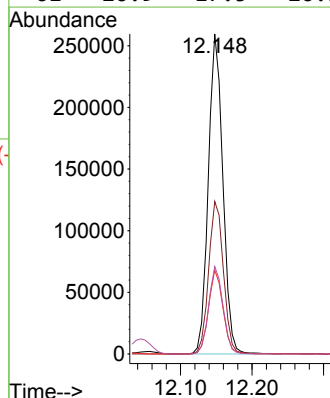
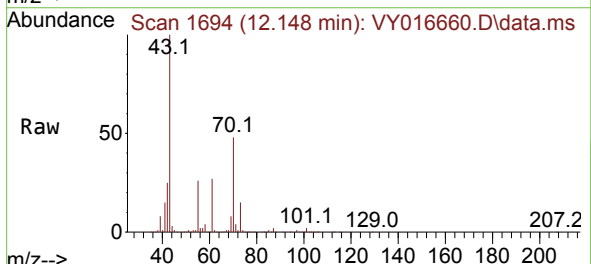
Instrument :
MSVOA_Y
ClientSampleId :

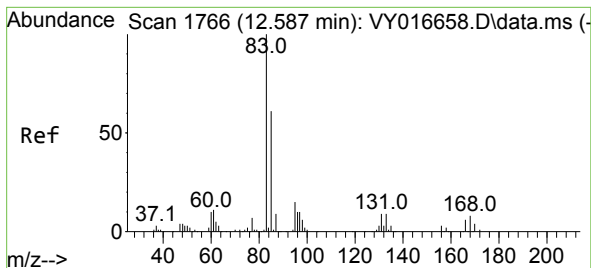
Tgt Ion:105 Resp: 1878726
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9



#74
N-ethyl acetate
Concen: 173.521 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 43 Resp: 367350
Ion Ratio Lower Upper
43 100
70 48.5 29.7 44.5#
55 26.2 18.3 27.5
61 26.9 17.5 26.3#

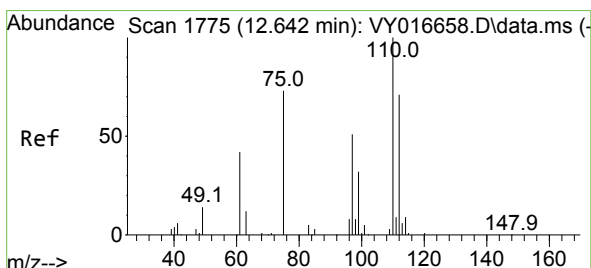
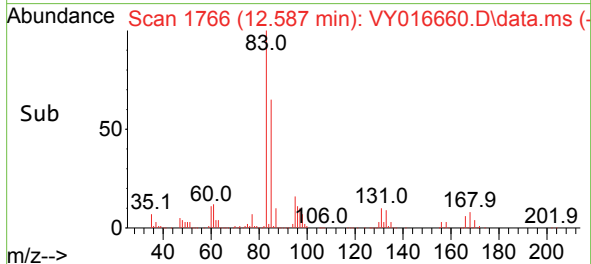
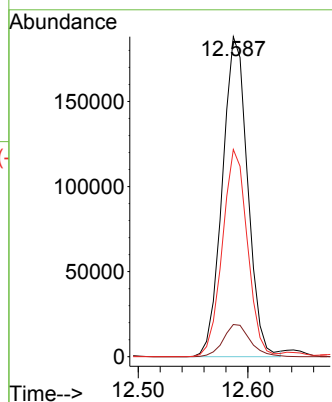
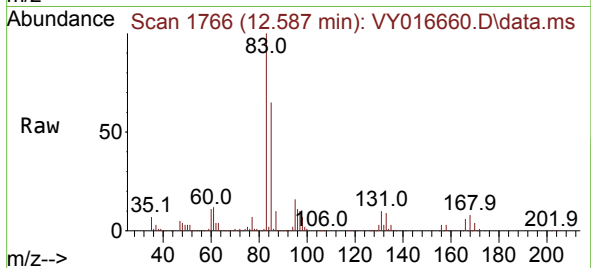




#75
1,1,2,2-Tetrachloroethane
Concen: 157.026 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

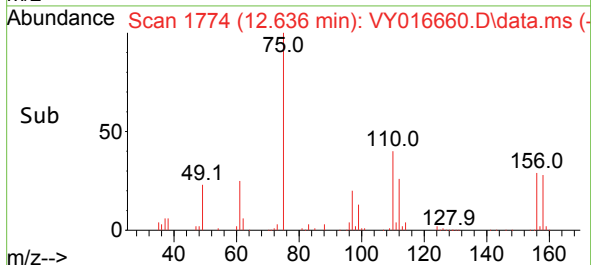
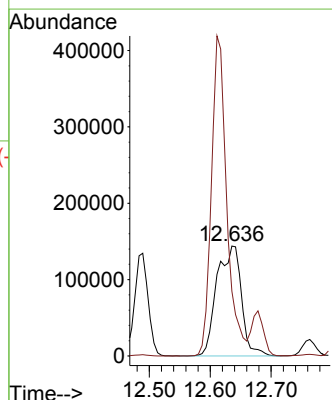
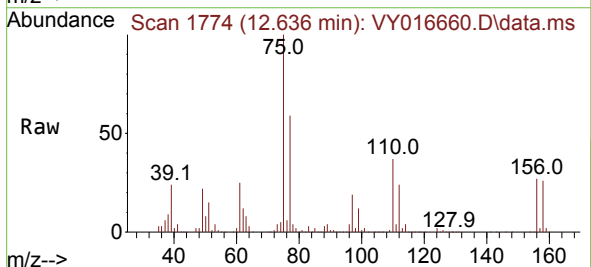
Instrument :
MSVOA_Y
ClientSampleId :

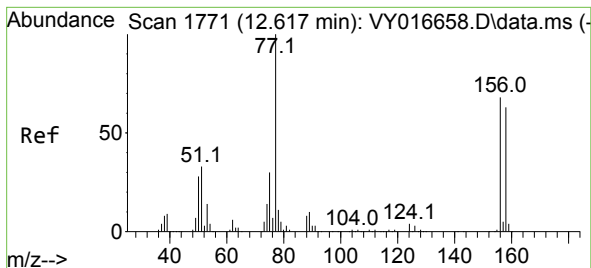
Tgt Ion: 83 Resp: 301734
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 64.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 275.224 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 75 Resp: 403012
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 165.406 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

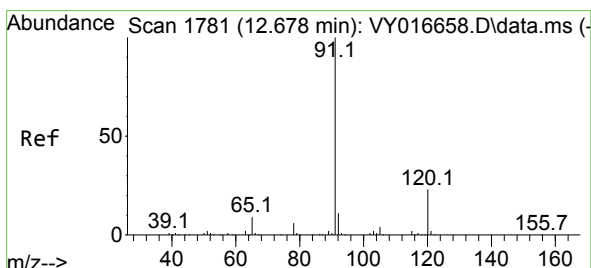
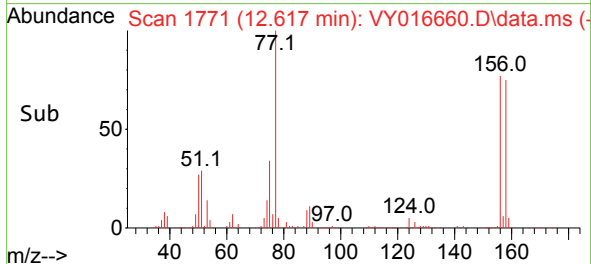
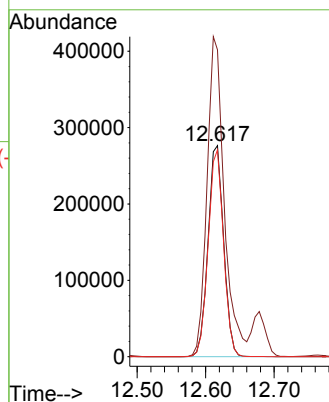
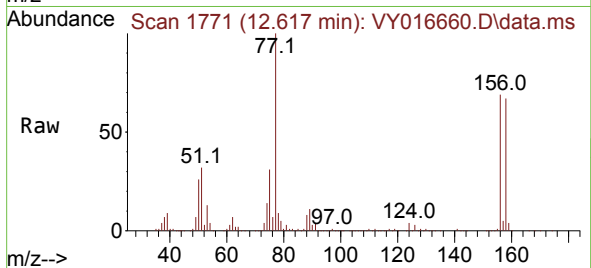
Tgt Ion:156 Resp: 437713

Ion Ratio Lower Upper

156 100

77 167.6 92.8 278.6

158 96.7 48.4 145.3



#78

n-propylbenzene

Concen: 162.681 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016660.D

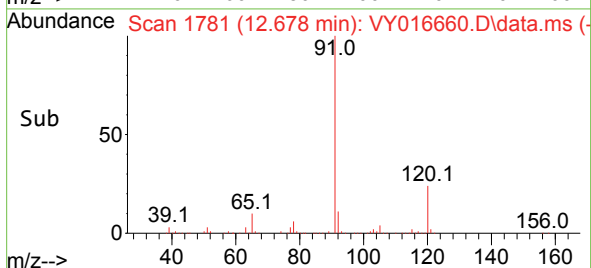
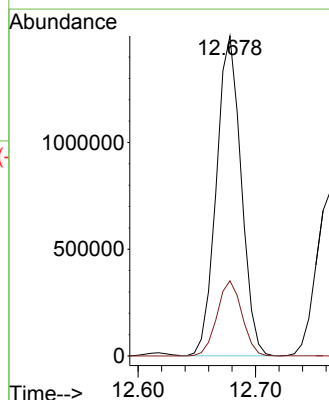
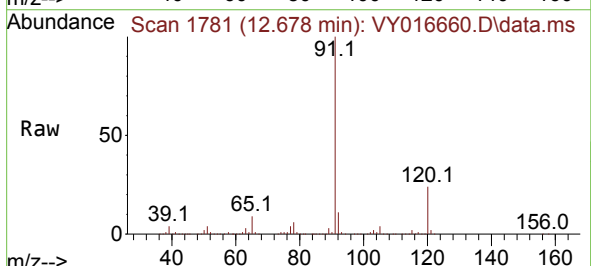
Acq: 15 Dec 2023 18:22

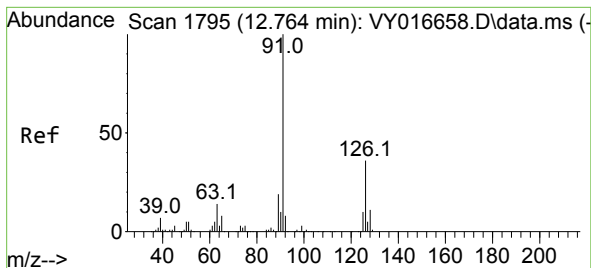
Tgt Ion: 91 Resp: 2196293

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 160.455 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

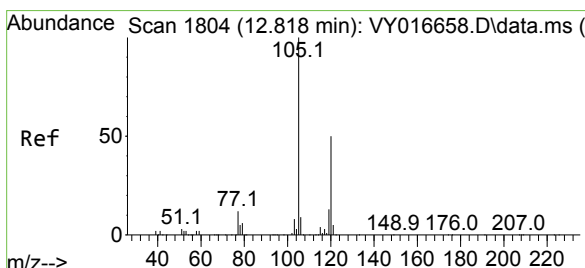
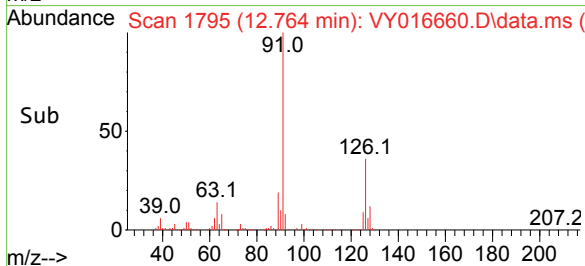
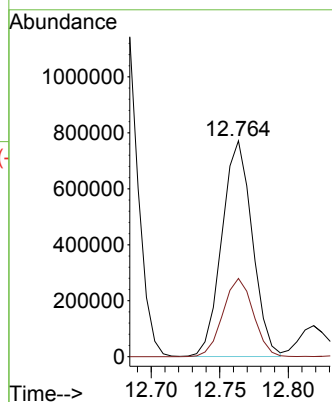
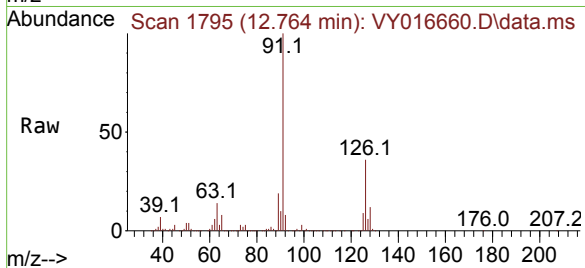
ClientSampleId :

Tgt Ion: 91 Resp: 1189540

Ion Ratio Lower Upper

91 100

126 36.3 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 166.444 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.000 min

Lab File: VY016660.D

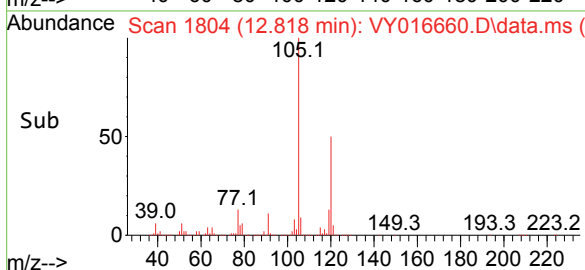
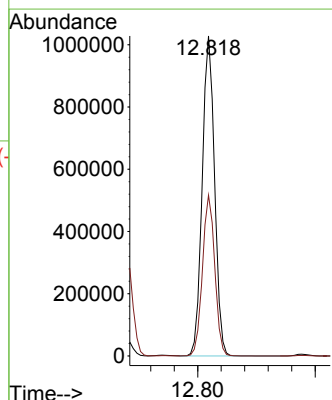
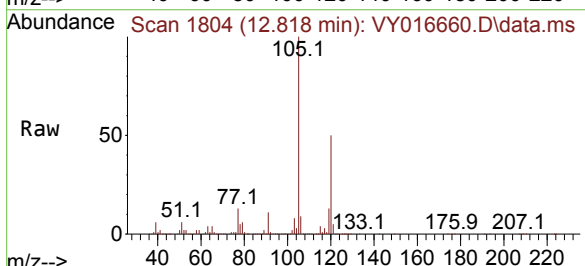
Acq: 15 Dec 2023 18:22

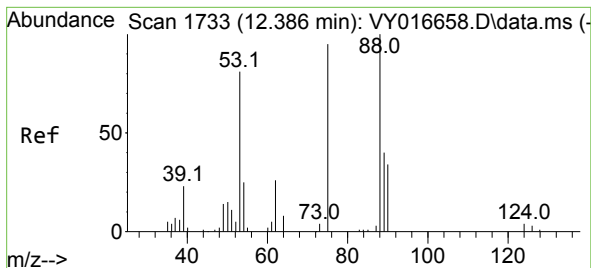
Tgt Ion:105 Resp: 1503211

Ion Ratio Lower Upper

105 100

120 50.0 23.9 71.7

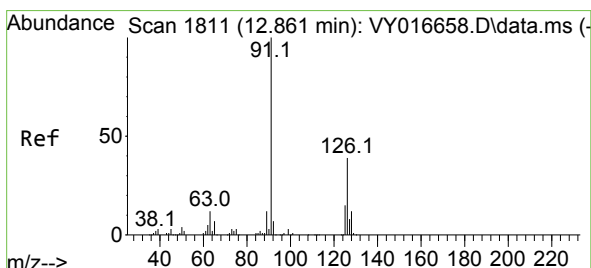
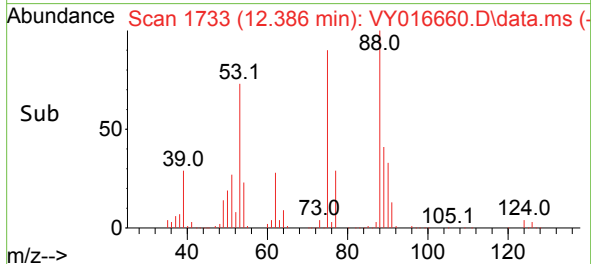
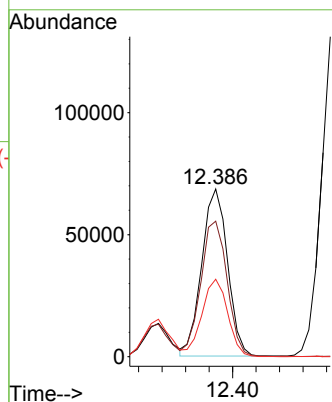
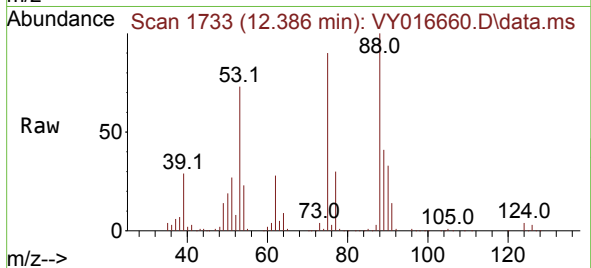




#81
trans-1,4-Dichloro-2-butene
Concen: 162.416 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

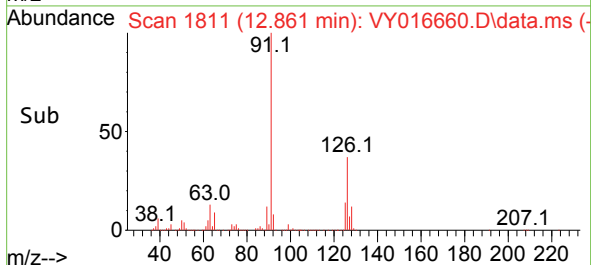
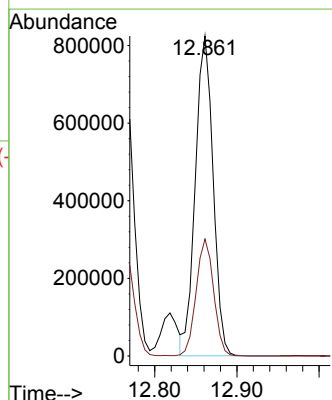
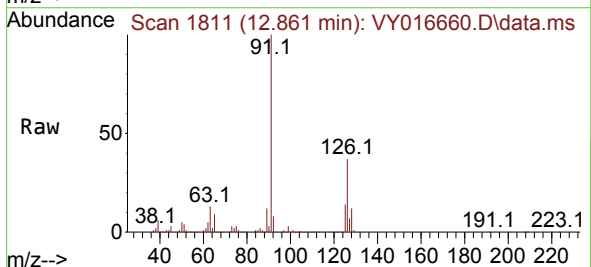
Instrument :
MSVOA_Y
ClientSampleId :

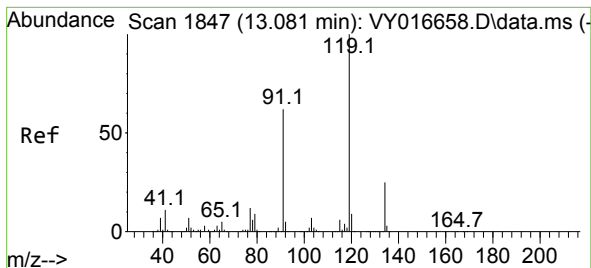
Tgt Ion: 75 Resp: 104540
Ion Ratio Lower Upper
75 100
53 83.4 77.8 116.8
89 46.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 161.266 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion: 91 Resp: 1236315
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 164.556 ug/l

RT: 13.081 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

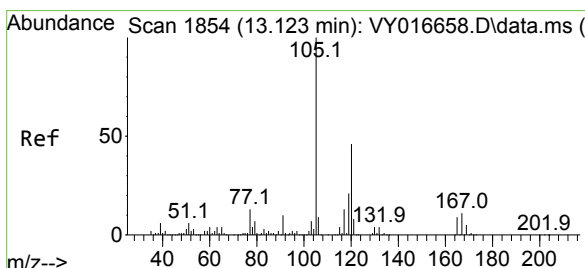
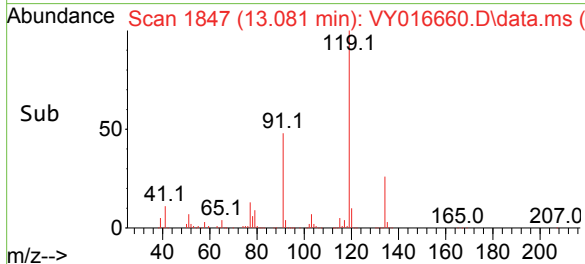
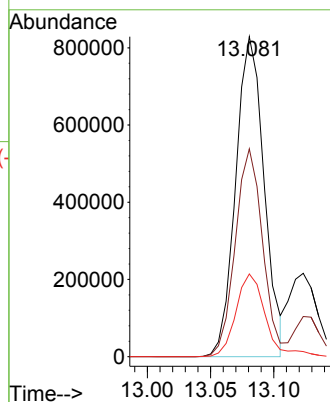
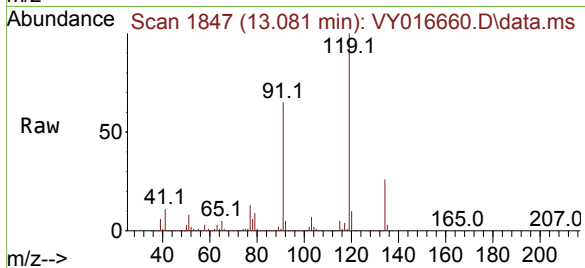
Tgt Ion:119 Resp: 1296813

Ion Ratio Lower Upper

119 100

91 62.3 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 168.094 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.006 min

Lab File: VY016660.D

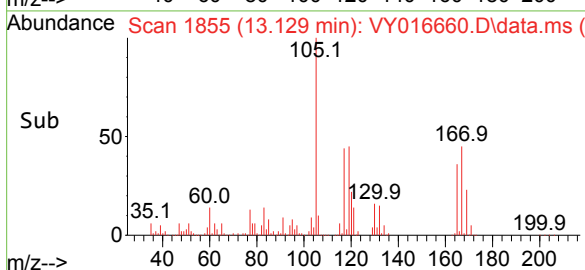
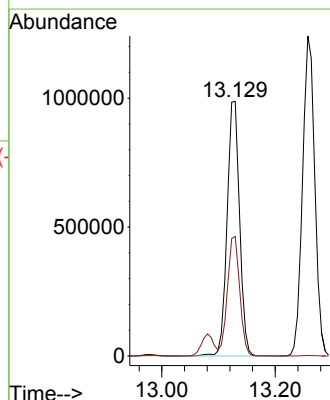
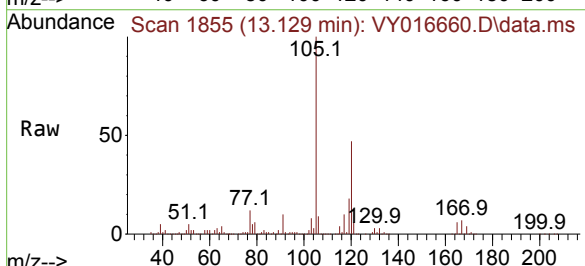
Acq: 15 Dec 2023 18:22

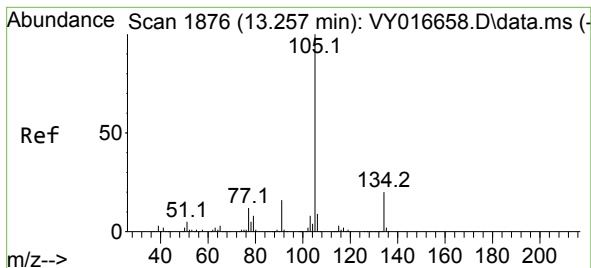
Tgt Ion:105 Resp: 1505639

Ion Ratio Lower Upper

105 100

120 46.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 160.633 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

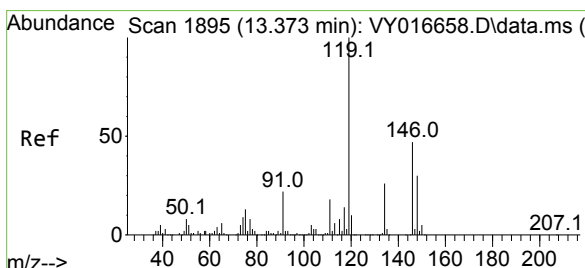
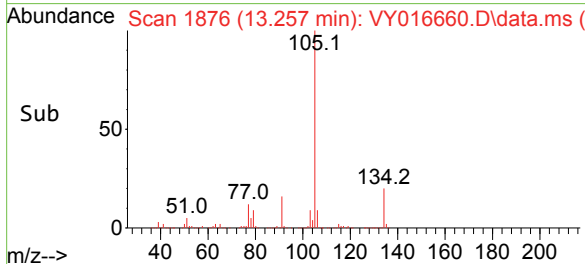
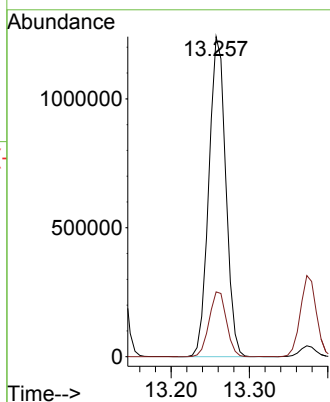
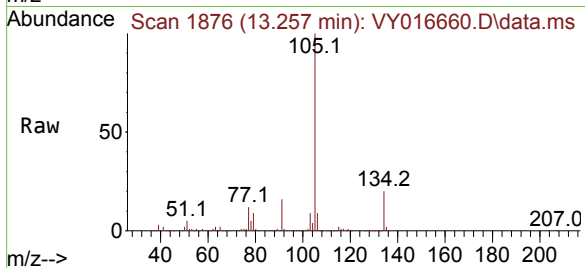
ClientSampleId :

Tgt Ion:105 Resp: 1857506

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 168.709 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

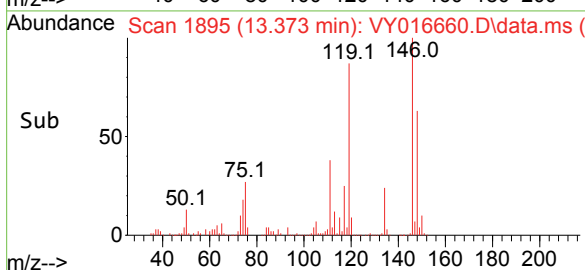
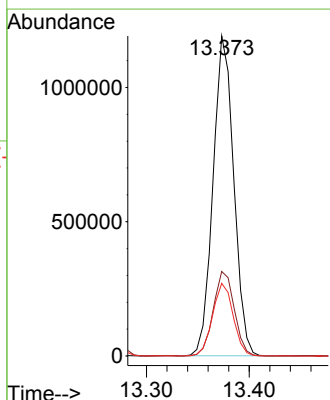
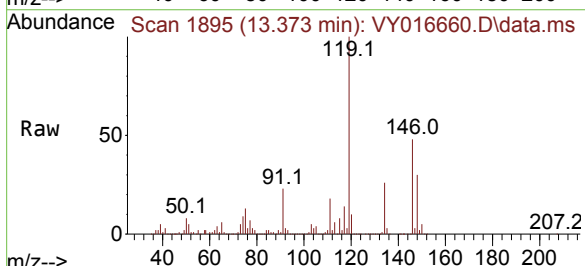
Tgt Ion:119 Resp: 1665635

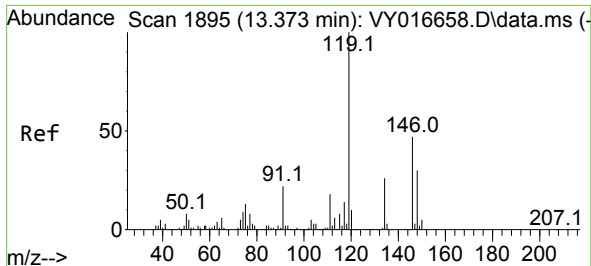
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.6 12.4 37.4

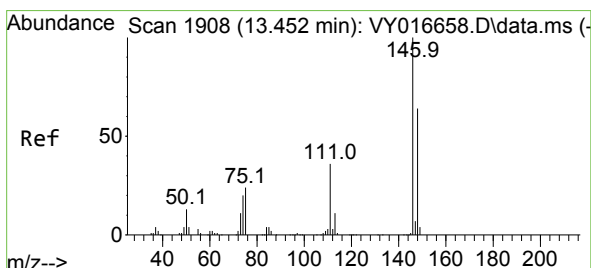
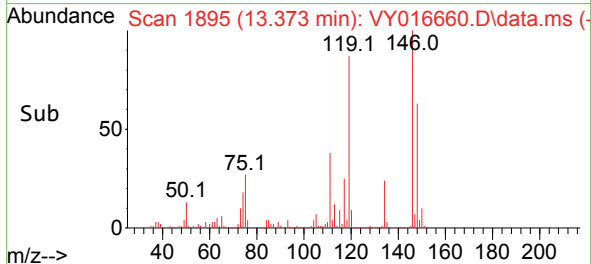
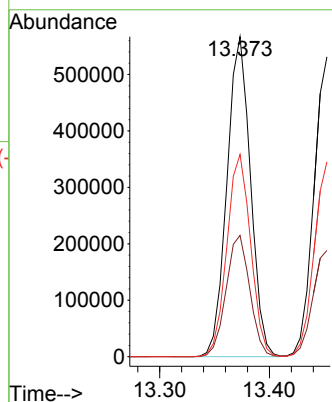
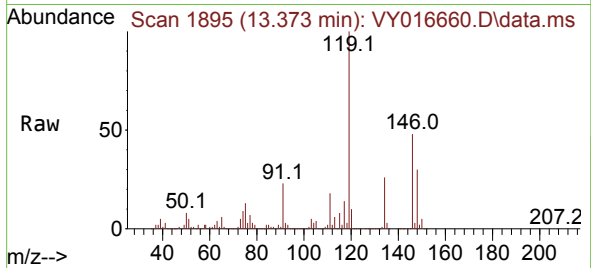




#87
1,3-Dichlorobenzene
Concen: 164.518 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

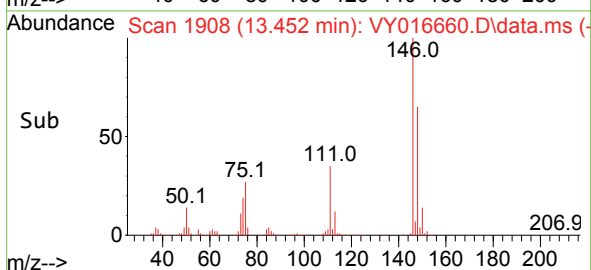
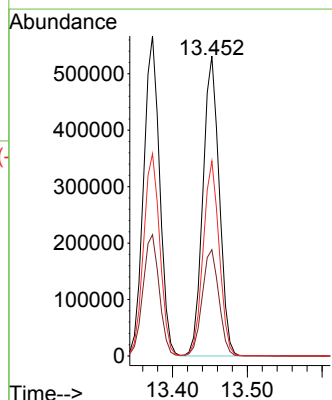
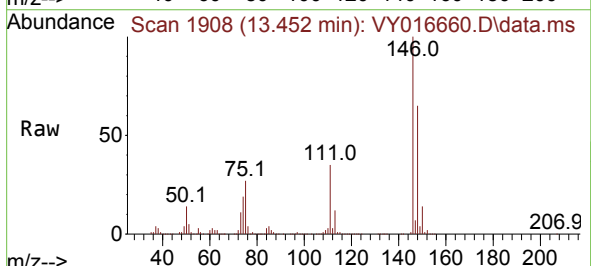
Instrument :
MSVOA_Y
ClientSampleId :

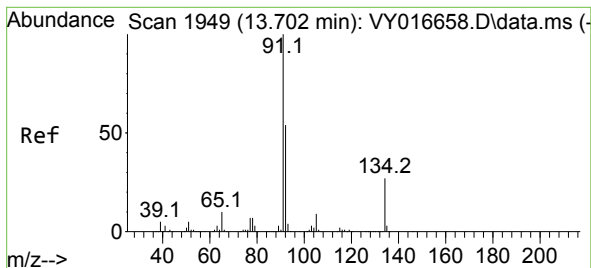
Tgt Ion:146 Resp: 846172
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 159.240 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016660.D
Acq: 15 Dec 2023 18:22

Tgt Ion:146 Resp: 805352
Ion Ratio Lower Upper
146 100
111 36.1 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 161.112 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

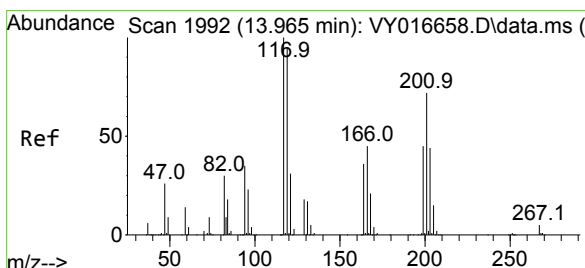
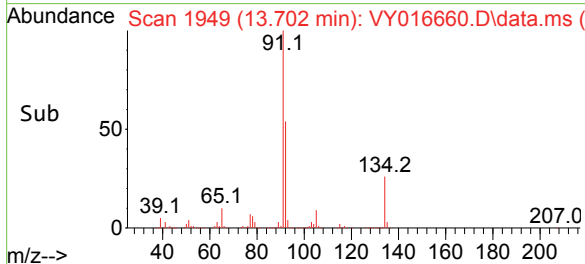
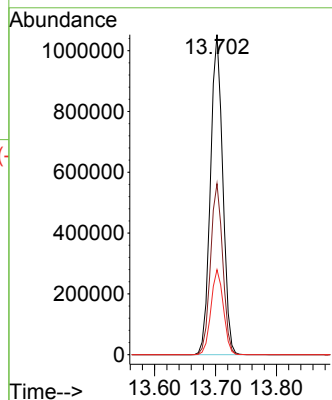
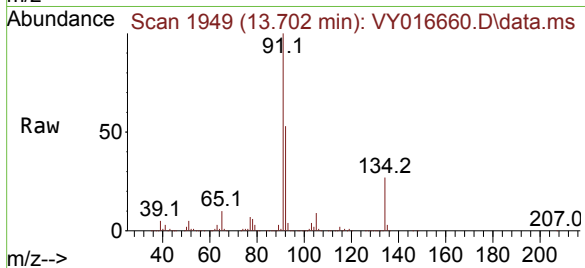
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 91 Resp: 1477664

Ion	Ratio	Lower	Upper
91	100		
92	53.2	25.4	76.0
134	26.8	12.6	37.6



#90

Hexachloroethane

Concen: 157.461 ug/l

RT: 13.965 min Scan# 1992

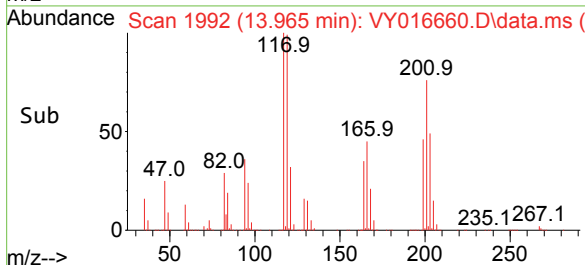
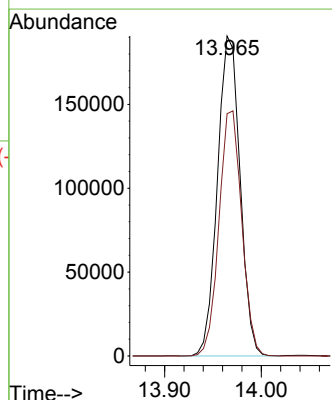
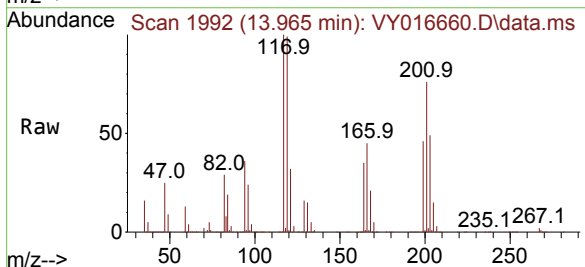
Delta R.T. 0.000 min

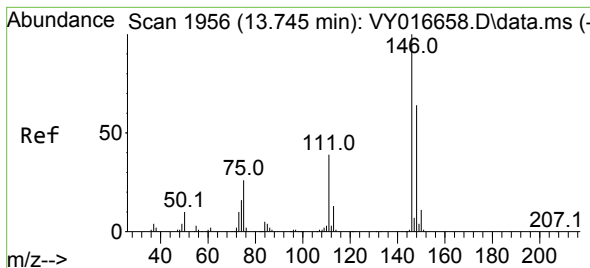
Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Tgt Ion: 117 Resp: 309422

Ion	Ratio	Lower	Upper
117	100		
201	77.0	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 161.202 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

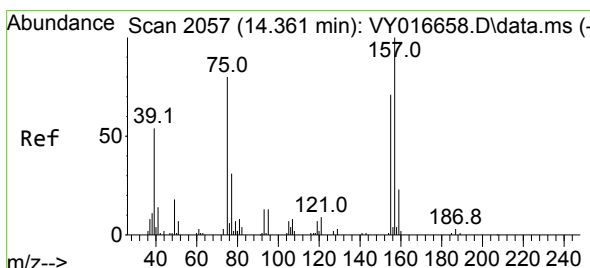
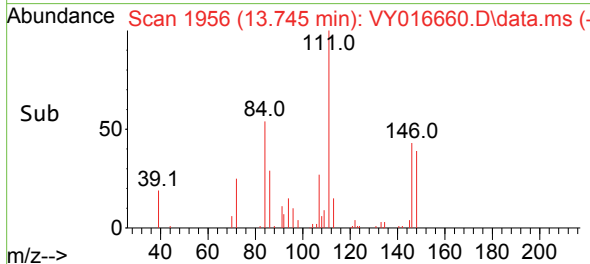
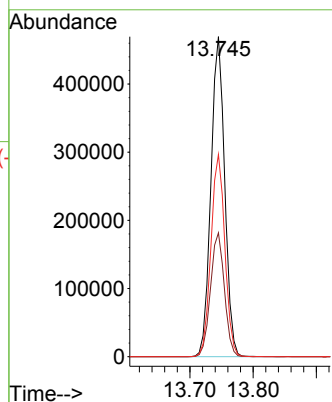
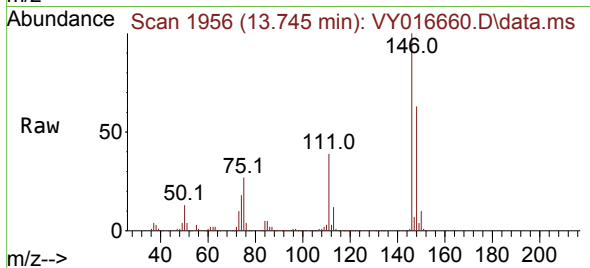
Tgt Ion:146 Resp: 711404

Ion Ratio Lower Upper

146 100

111 39.1 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 159.814 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

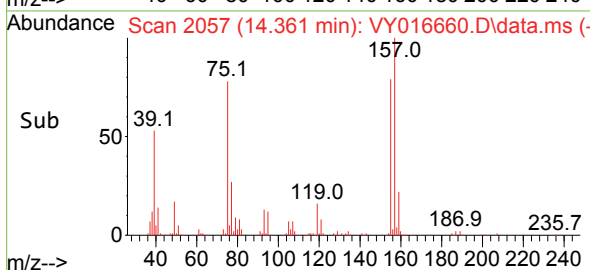
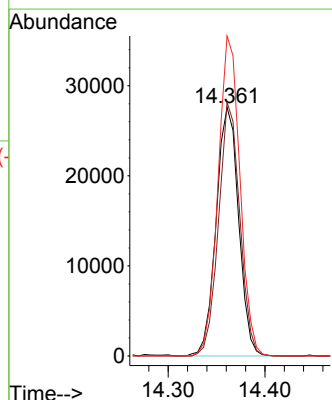
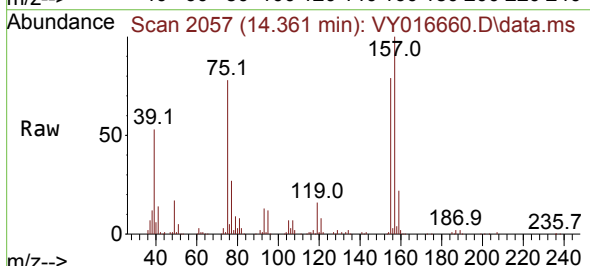
Tgt Ion: 75 Resp: 44447

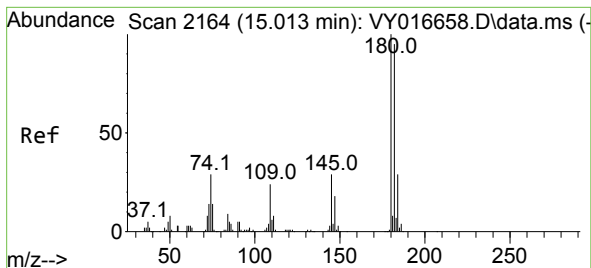
Ion Ratio Lower Upper

75 100

155 96.1 41.5 124.6

157 125.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 175.224 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

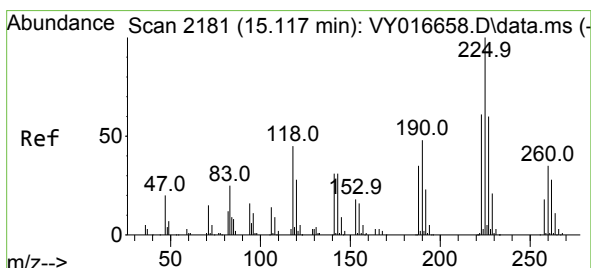
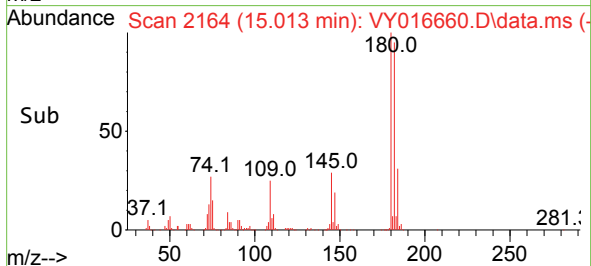
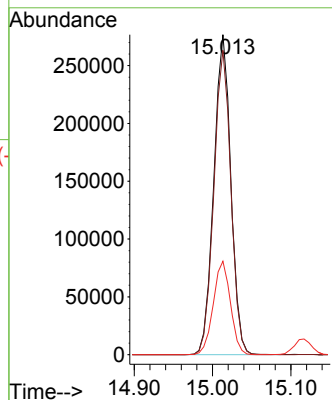
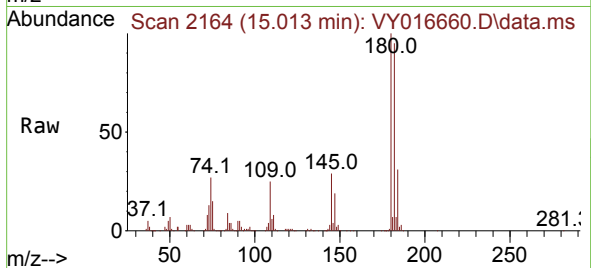
Tgt Ion:180 Resp: 417720

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 29.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 149.696 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

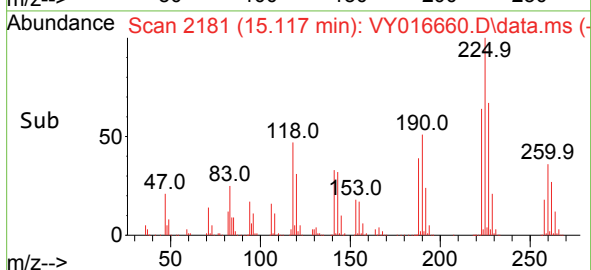
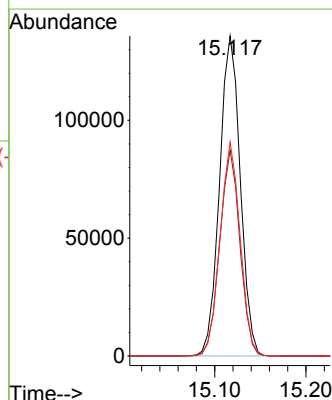
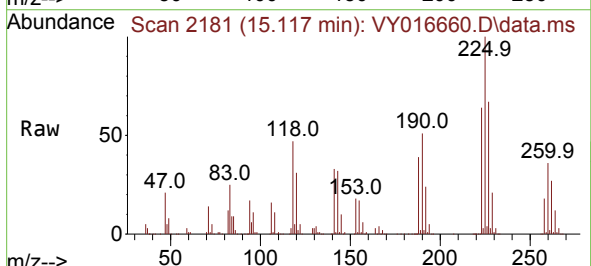
Tgt Ion:225 Resp: 214201

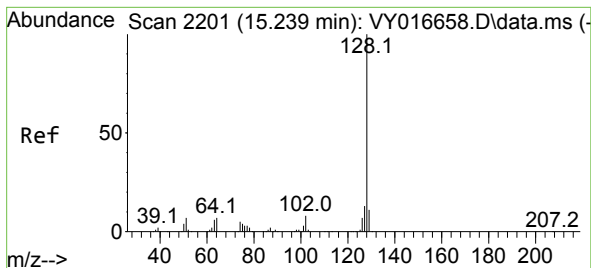
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 150.271 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Instrument :

MSVOA_Y

ClientSampleId :

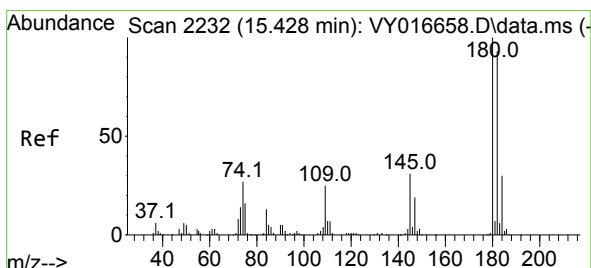
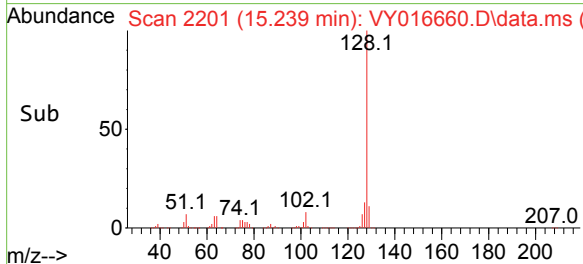
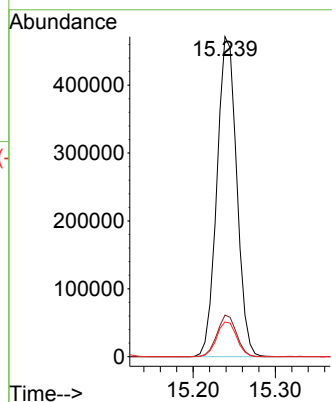
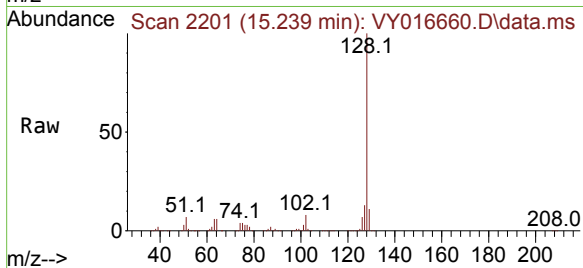
Tgt Ion:128 Resp: 788899

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 176.009 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016660.D

Acq: 15 Dec 2023 18:22

Tgt Ion:180 Resp: 345881

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 31.9 15.4 46.2

