

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016666.D
 Acq On : 16 Dec 2023 13:34
 Operator : SY/MD
 Sample : VY1216SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 18 00:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	245896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	388988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	353912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84197	41.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.900%
35) Dibromofluoromethane	7.722	113	91168	43.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.380%
50) Toluene-d8	10.185	98	353707	43.286	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.580%
62) 4-Bromofluorobenzene	12.489	95	113937	42.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	34495	18.000	ug/l	99
3) Chloromethane	2.113	50	54670	18.306	ug/l	96
4) Vinyl Chloride	2.253	62	64665	18.862	ug/l	90
5) Bromomethane	2.650	94	47647	19.418	ug/l	100
6) Chloroethane	2.790	64	42412	19.020	ug/l	97
7) Trichlorofluoromethane	3.125	101	72541	18.945	ug/l	94
8) Diethyl Ether	3.534	74	22733	19.006	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	44168	18.651	ug/l	95
10) Methyl Iodide	4.094	142	45277	18.370	ug/l	96
11) Tert butyl alcohol	4.954	59	14957	92.168	ug/l #	80
12) 1,1-Dichloroethene	3.869	96	41088	18.404	ug/l	89
13) Acrolein	3.729	56	13516	103.135	ug/l	100
14) Allyl chloride	4.478	41	54961	18.158	ug/l #	93
15) Acrylonitrile	5.161	53	44636	89.676	ug/l	95
16) Acetone	3.948	43	56371	101.990	ug/l #	88
17) Carbon Disulfide	4.198	76	128844	18.247	ug/l	98
18) Methyl Acetate	4.478	43	32007	17.043	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	96639	18.462	ug/l	99
20) Methylene Chloride	4.722	84	58146	19.905	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	48817	18.768	ug/l	89
22) Diisopropyl ether	6.125	45	121904	18.792	ug/l	88
23) Vinyl Acetate	6.064	43	289351	90.522	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	77402	18.284	ug/l	96
25) 2-Butanone	6.984	43	69823	94.179	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	72210	19.213	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	52469	18.679	ug/l	90
28) Bromochloromethane	7.338	49	30748	22.217	ug/l	90
29) Tetrahydrofuran	7.356	42	38254	97.856	ug/l	91
30) Chloroform	7.508	83	83870	19.050	ug/l	98
31) Cyclohexane	7.789	56	73258	18.452	ug/l	86
32) 1,1,1-Trichloroethane	7.710	97	75148	19.026	ug/l	98
36) 1,1-Dichloropropene	7.923	75	64943	18.792	ug/l	98
37) Ethyl Acetate	7.076	43	25185	17.684	ug/l	96
38) Carbon Tetrachloride	7.905	117	66710	19.218	ug/l	98
39) Methylcyclohexane	9.185	83	82001	18.879	ug/l	94
40) Benzene	8.167	78	198079	19.556	ug/l #	87

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	33910	47.269	ug/l #	17
42) 1,2-Dichloroethane	8.240	62	53168	20.538	ug/l	85
43) Isopropyl Acetate	8.277	43	47982	18.332	ug/l #	90
44) Trichloroethene	8.947	130	53770	19.061	ug/l	98
45) 1,2-Dichloropropane	9.222	63	47158	19.930	ug/l	98
46) Dibromomethane	9.313	93	24394	18.642	ug/l	95
47) Bromodichloromethane	9.502	83	64533	19.518	ug/l #	96
48) Methyl methacrylate	9.301	41	26360	18.187	ug/l	90
49) 1,4-Dioxane	9.301	88	5001	356.764	ug/l #	59
51) 4-Methyl-2-Pentanone	10.075	43	121463	88.482	ug/l	88
52) Toluene	10.246	92	131566	20.737	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	58775	18.843	ug/l	93
54) cis-1,3-Dichloropropene	9.935	75	76746	20.464	ug/l #	77
55) 1,1,2-Trichloroethane	10.648	97	35148	19.116	ug/l	97
56) Ethyl methacrylate	10.514	69	30062	18.858	ug/l #	92
57) 1,3-Dichloropropane	10.794	76	58159	19.006	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	85101	85.720	ug/l	91
59) 2-Hexanone	10.837	43	104734	92.998	ug/l	87
60) Dibromochloromethane	10.990	129	46996	21.090	ug/l	96
61) 1,2-Dibromoethane	11.093	107	34234	19.838	ug/l	95
64) Tetrachloroethene	10.727	164	55132	19.014	ug/l	96
65) Chlorobenzene	11.520	112	131182	19.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	48207	19.095	ug/l	95
67) Ethyl Benzene	11.599	91	236304	19.027	ug/l	99
68) m/p-Xylenes	11.709	106	194879	40.674	ug/l #	65
69) o-Xylene	12.251	106	15232	3.476	ug/l	37
70) Styrene	12.050	104	124803	19.656	ug/l	97
71) Bromoform	12.215	173	25609	18.705	ug/l #	99
73) Isopropylbenzene	12.337	105	224005	19.975	ug/l	98
74) N-amyl acetate	12.148	43	37271	17.733	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.587	83	36263	19.008	ug/l	85
76) 1,2,3-Trichloropropane	12.636	75	29408	20.138	ug/l #	100
77) Bromobenzene	12.611	156	51363	19.550	ug/l	91
78) n-propylbenzene	12.678	91	316437	23.608	ug/l	92
79) 2-Chlorotoluene	12.764	91	142112	19.308	ug/l	97
80) 1,3,5-Trimethylbenzene	12.818	105	177281	19.771	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.410	75	33875	53.009	ug/l #	10
82) 4-Chlorotoluene	12.861	91	147775	19.415	ug/l	97
83) tert-Butylbenzene	13.081	119	154821	19.788	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	189910	21.355	ug/l	97
85) sec-Butylbenzene	13.257	105	227458	19.812	ug/l	100
86) p-Isopropyltoluene	13.373	119	194453	19.838	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	98605	19.310	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	97346	19.387	ug/l	99
89) n-Butylbenzene	13.702	91	177020	19.440	ug/l	97
90) Hexachloroethane	13.965	117	48686	24.955	ug/l	73
91) 1,2-Dichlorobenzene	13.745	146	83276	19.006	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4892	17.717	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	44573	18.832	ug/l	92
94) Hexachlorobutadiene	15.117	225	27127	19.095	ug/l	99
95) Naphthalene	15.239	128	76866	20.054	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	35549	18.221	ug/l	99

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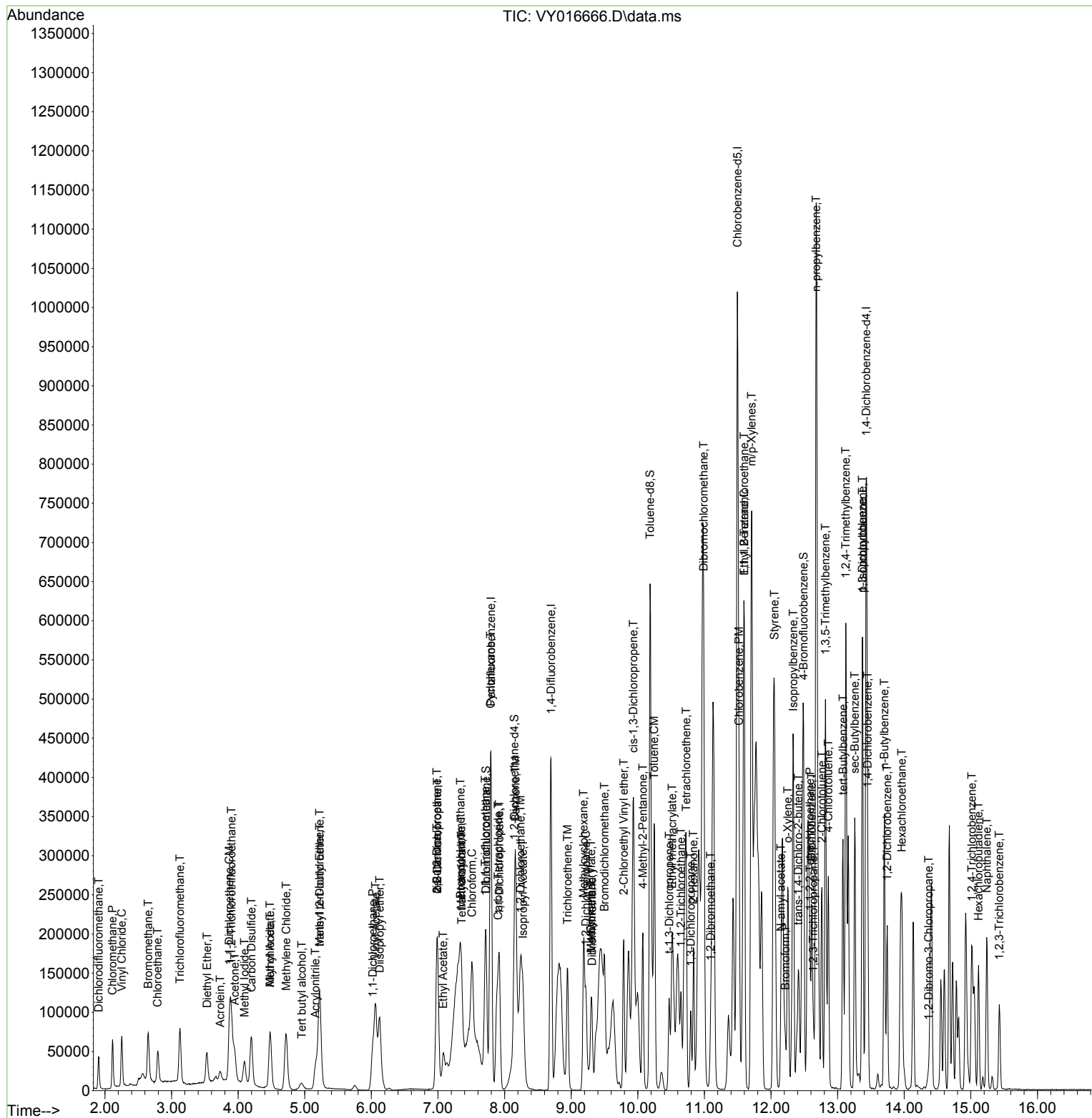
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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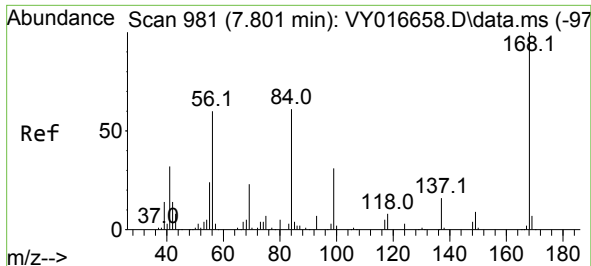
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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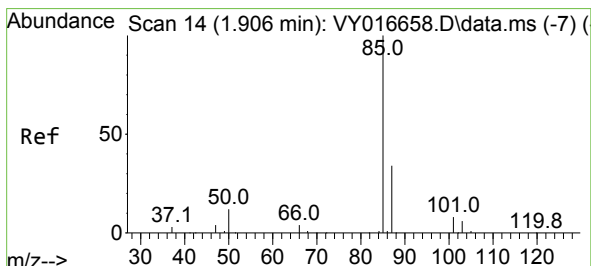
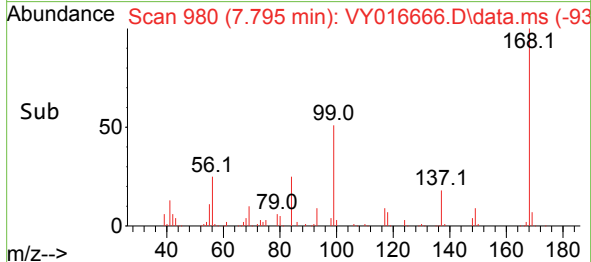
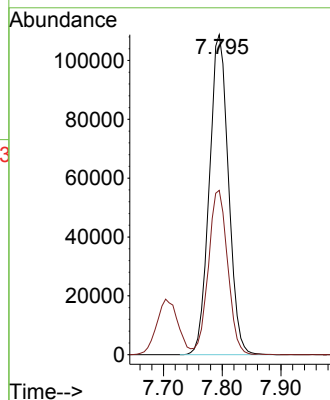
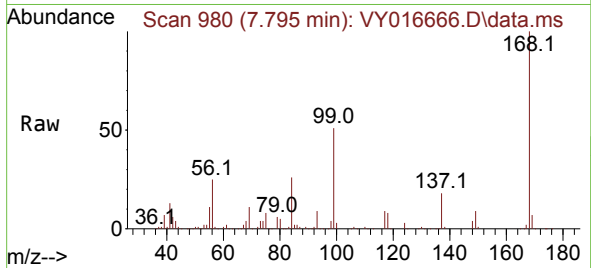




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
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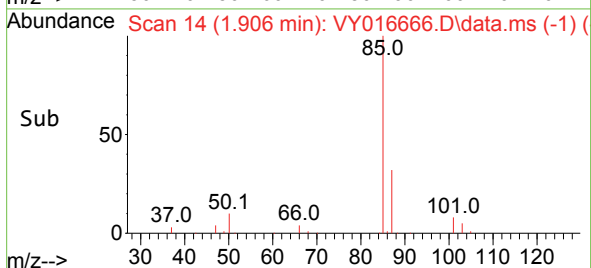
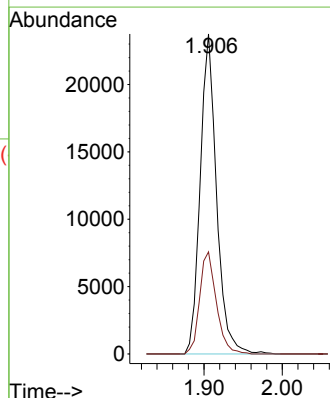
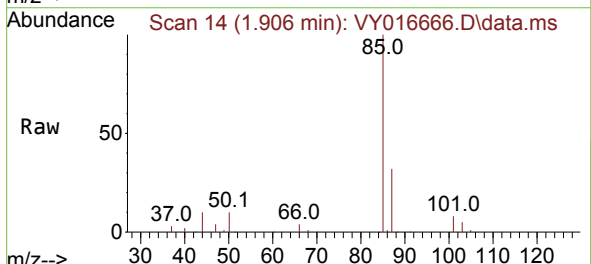
Instrument :
MSVOA_Y
ClientSampleId :

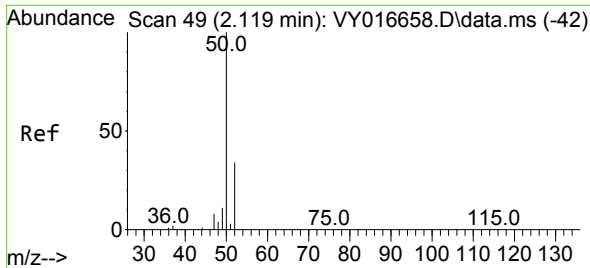
Tgt Ion:168 Resp: 245896
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.000 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 85 Resp: 34495
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

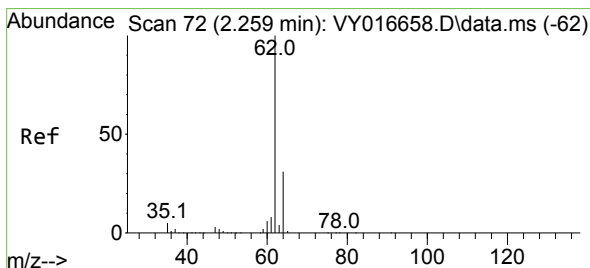
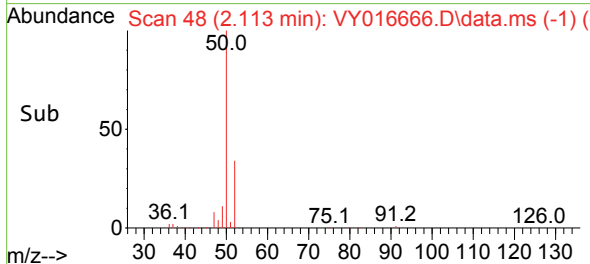
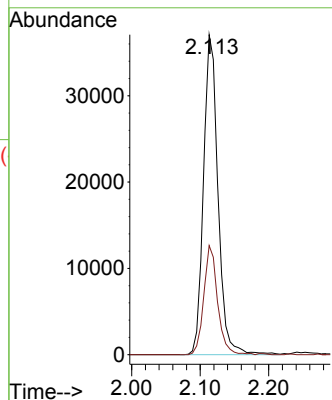
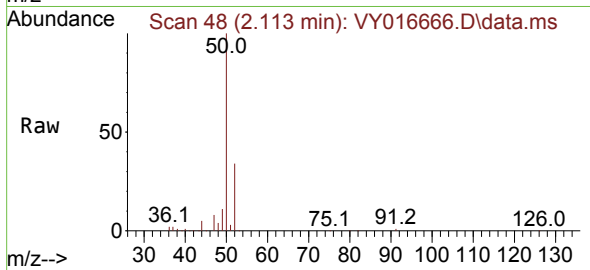




#3
Chloromethane
Concen: 18.306 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

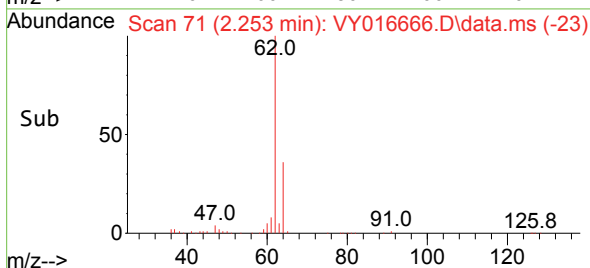
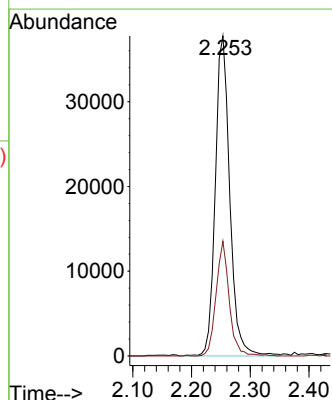
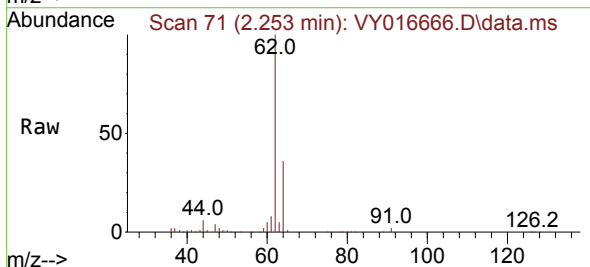
Instrument :
MSVOA_Y
ClientSampleId :

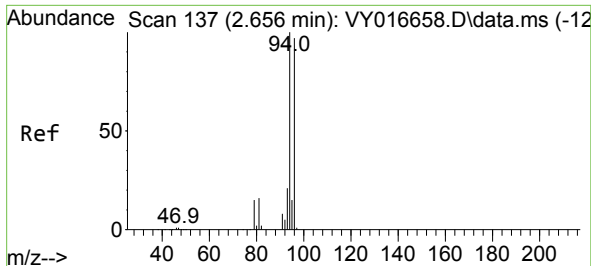
Tgt Ion: 50 Resp: 54670
Ion Ratio Lower Upper
50 100
52 34.1 25.4 38.2



#4
Vinyl Chloride
Concen: 18.862 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 62 Resp: 64665
Ion Ratio Lower Upper
62 100
64 35.8 24.3 36.5

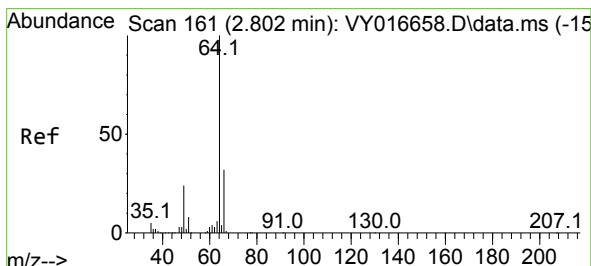
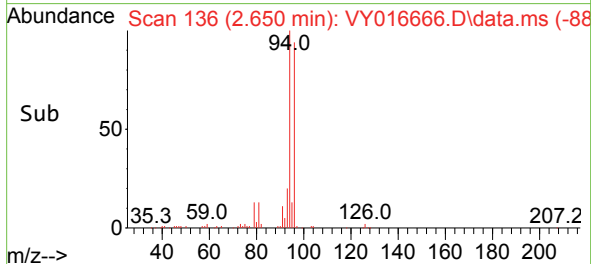
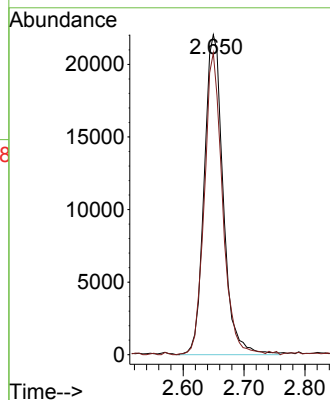
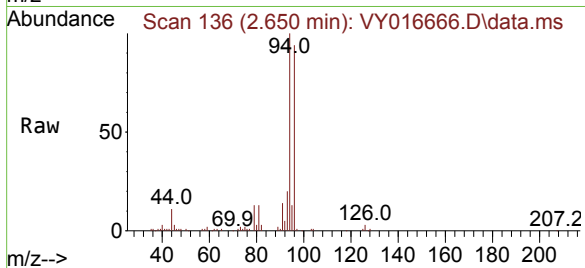




#5
Bromomethane
Concen: 19.418 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
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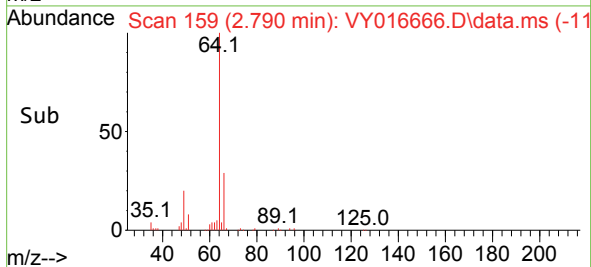
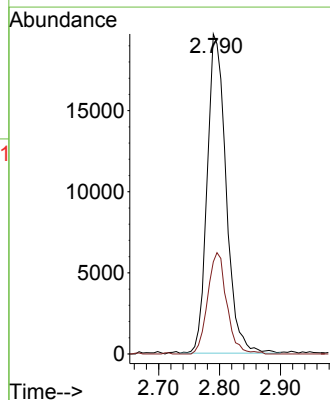
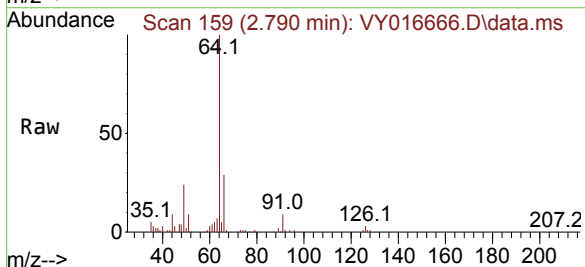
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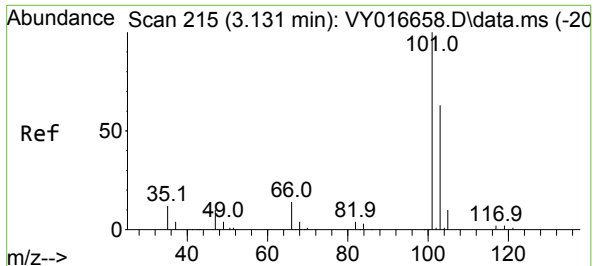
Tgt Ion: 94 Resp: 47647
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.6



#6
Chloroethane
Concen: 19.020 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.012 min
Lab File: VY016666.D
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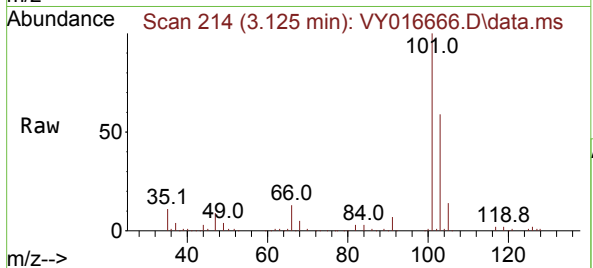
Tgt Ion: 64 Resp: 42412
Ion Ratio Lower Upper
64 100
66 28.9 24.4 36.6



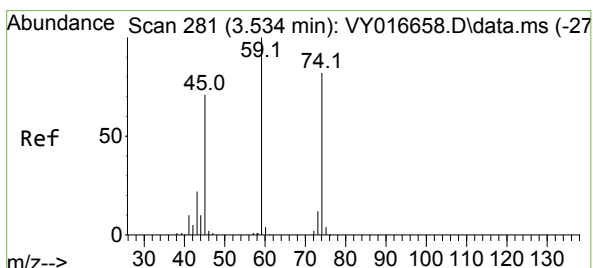
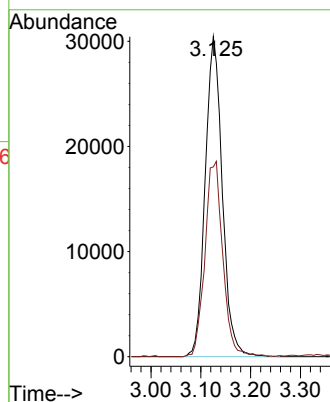
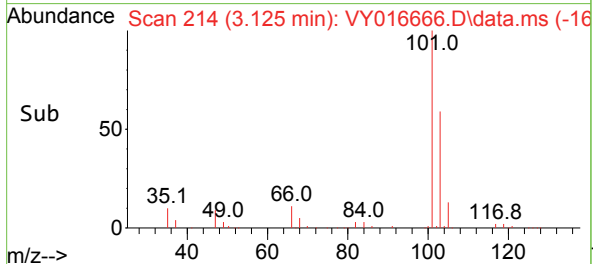


#7
 Trichlorofluoromethane
 Concen: 18.945 ug/l
 RT: 3.125 min Scan# 215
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

Instrument :
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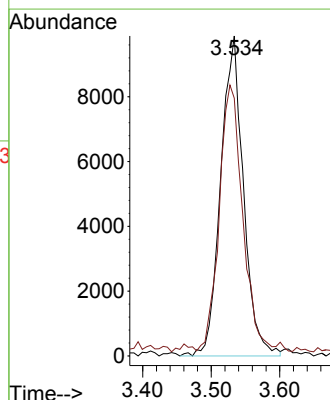
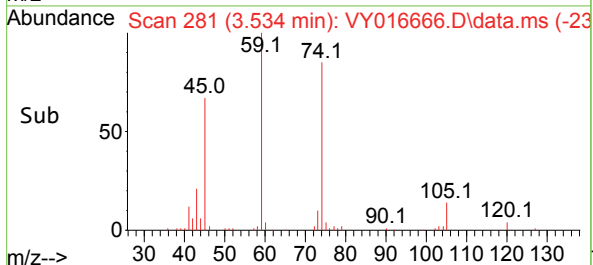
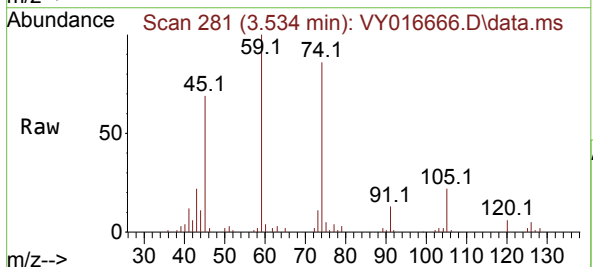


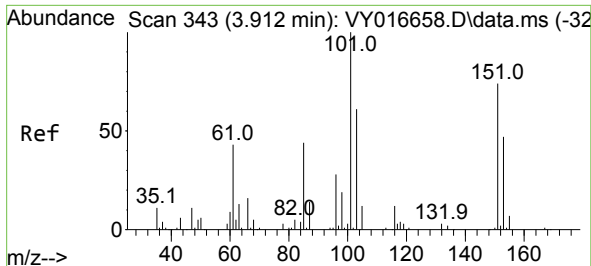
Tgt Ion:101 Resp: 72541
 Ion Ratio Lower Upper
 101 100
 103 59.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.006 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 22733
 Ion Ratio Lower Upper
 74 100
 45 85.0 51.5 154.5

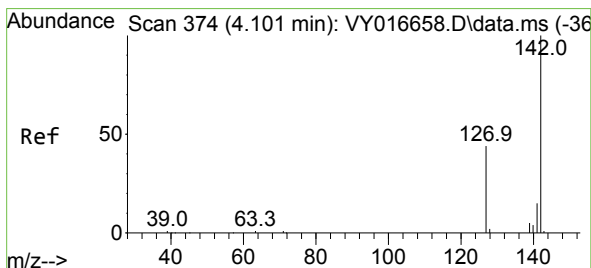
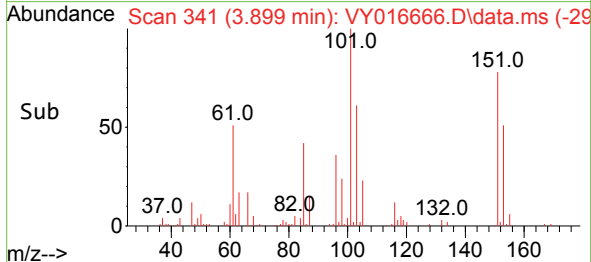
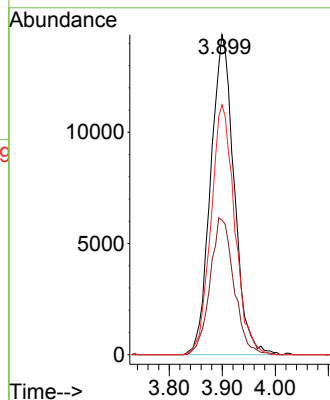
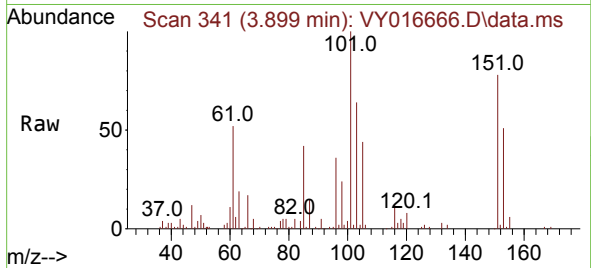




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.651 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

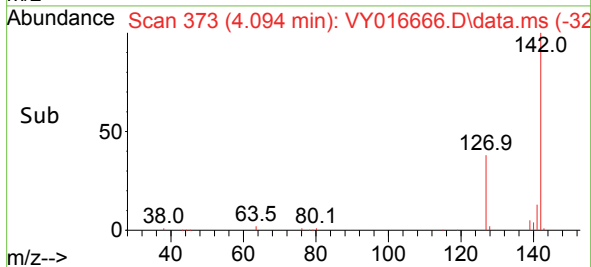
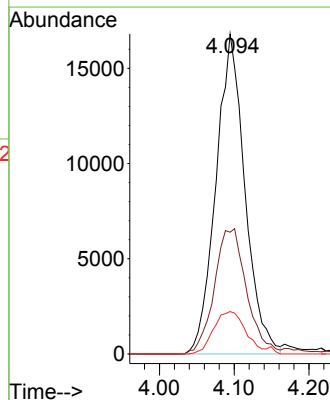
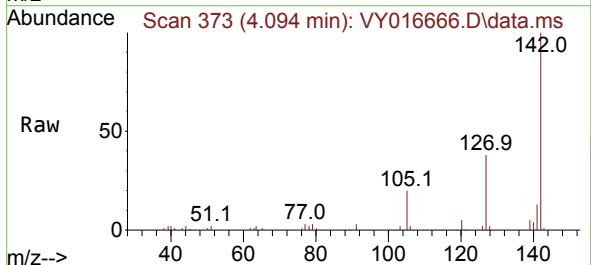
Instrument :
MSVOA_Y
ClientSampleId :

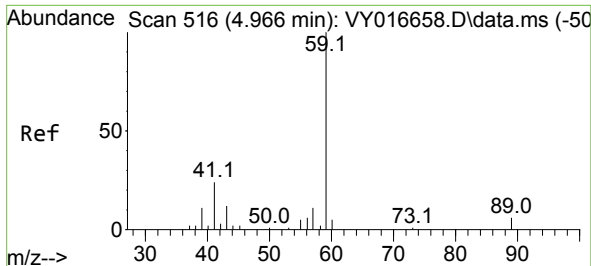
Tgt Ion:101 Resp: 44168
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 79.2 67.0 100.6



#10
Methyl Iodide
Concen: 18.370 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:142 Resp: 45277
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 15.1 11.8 17.8

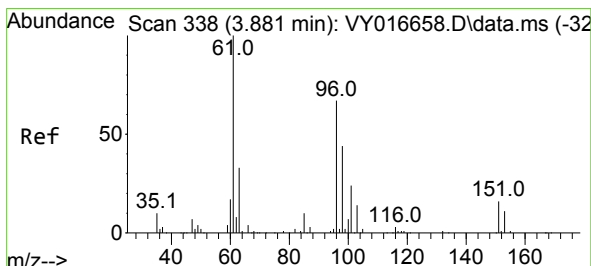
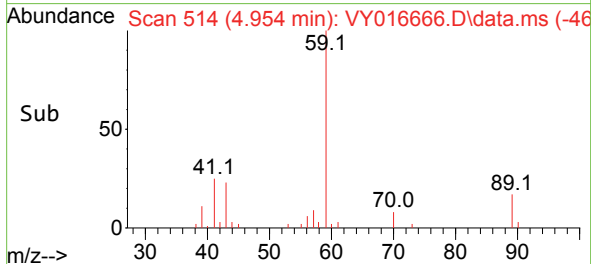
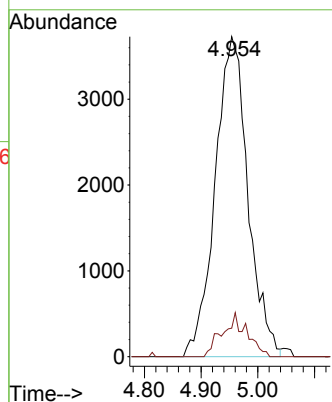
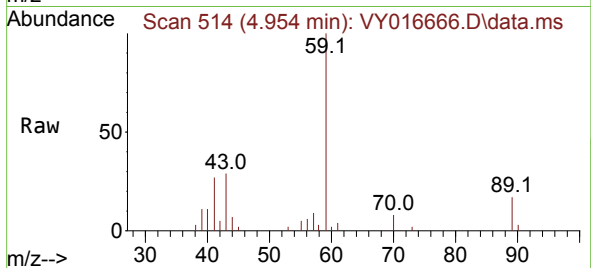




#11
Tert butyl alcohol
Concen: 92.168 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

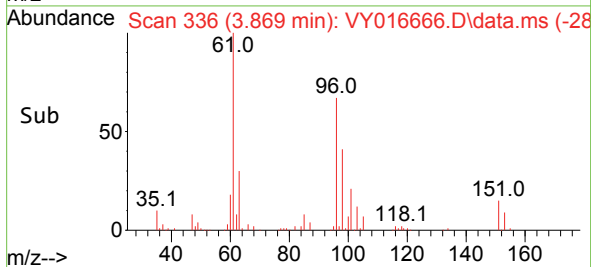
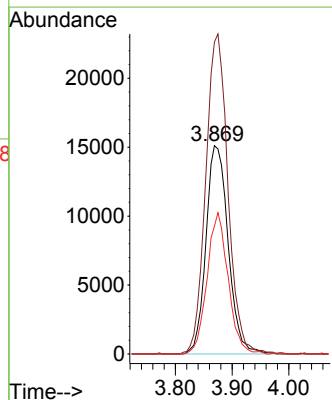
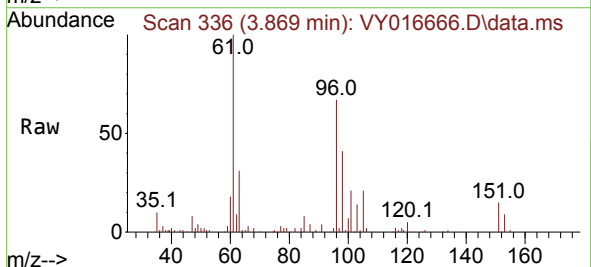
Instrument :
MSVOA_Y
ClientSampleId :

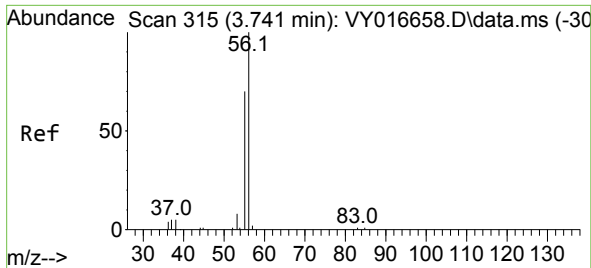
Tgt Ion: 59 Resp: 14957
Ion Ratio Lower Upper
59 100
57 10.2 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.404 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 96 Resp: 41088
Ion Ratio Lower Upper
96 100
61 149.8 136.4 204.6
98 61.4 49.4 74.2





#13

Acrolein

Concen: 103.135 ug/l

RT: 3.729 min Scan# 315

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

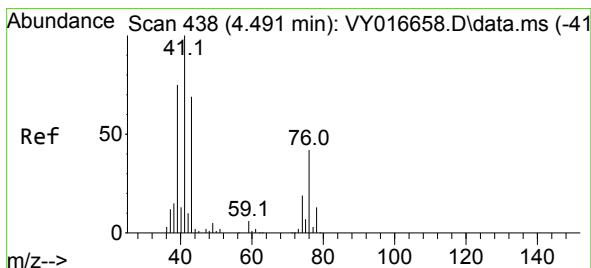
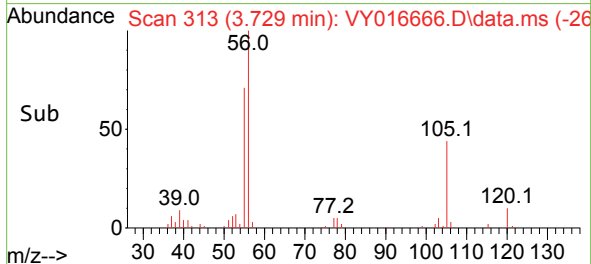
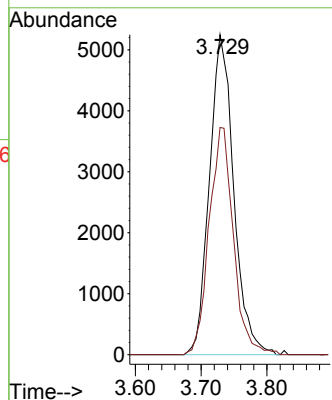
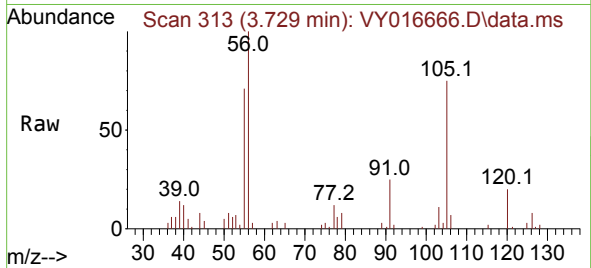
ClientSampleId :

Tgt Ion: 56 Resp: 13516

Ion Ratio Lower Upper

56 100

55 70.8 57.0 85.4



#14

Allyl chloride

Concen: 18.158 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

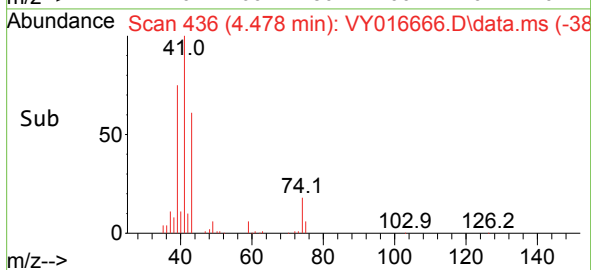
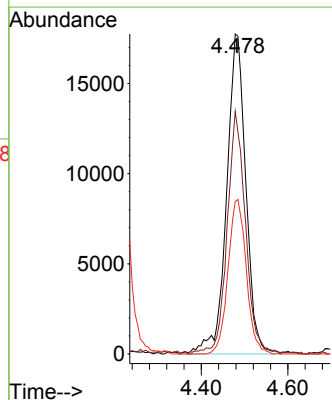
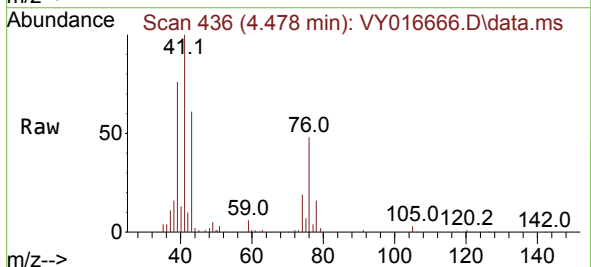
Tgt Ion: 41 Resp: 54961

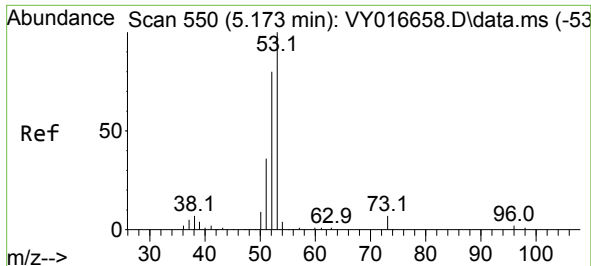
Ion Ratio Lower Upper

41 100

39 72.2 58.0 87.0

76 45.9 27.4 41.2#

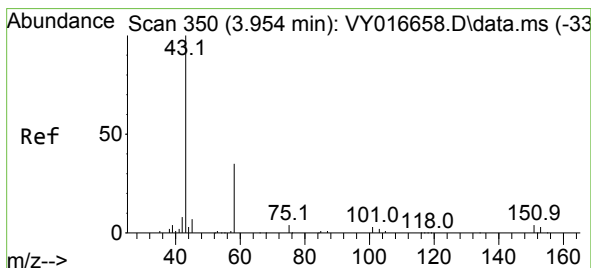
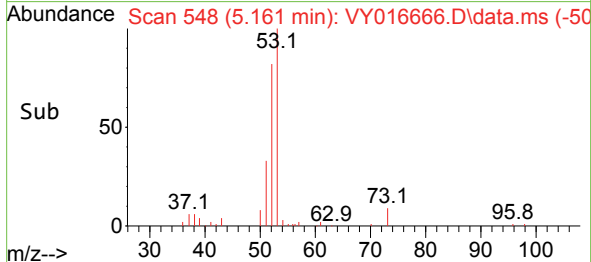
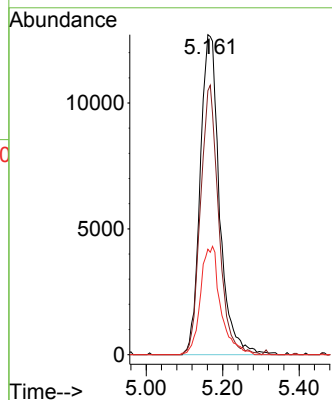
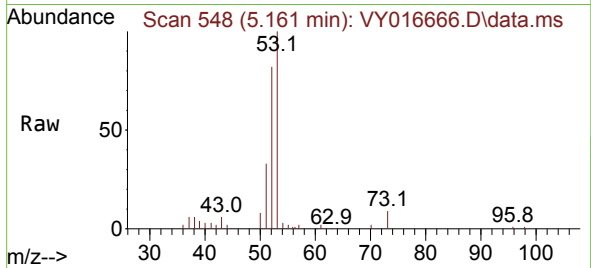




#15
Acrylonitrile
Concen: 89.676 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

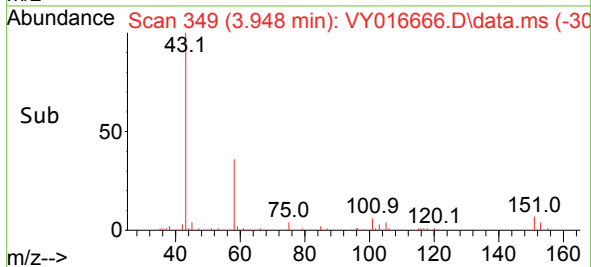
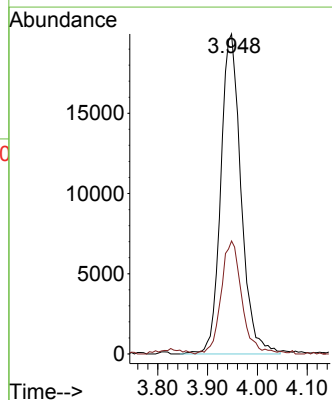
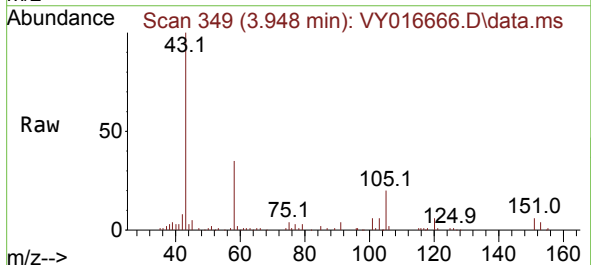
Instrument :
MSVOA_Y
ClientSampleId :

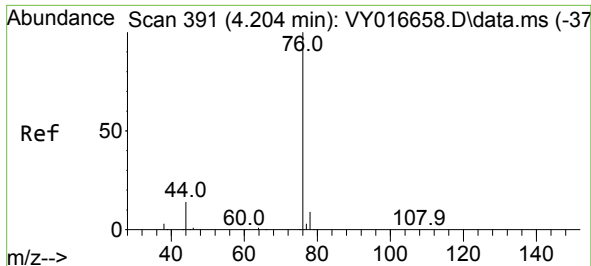
Tgt Ion: 53 Resp: 44636
Ion Ratio Lower Upper
53 100
52 78.9 66.9 100.3
51 35.2 29.8 44.6



#16
Acetone
Concen: 101.990 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 43 Resp: 56371
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#

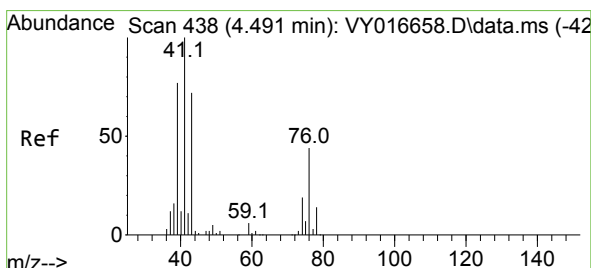
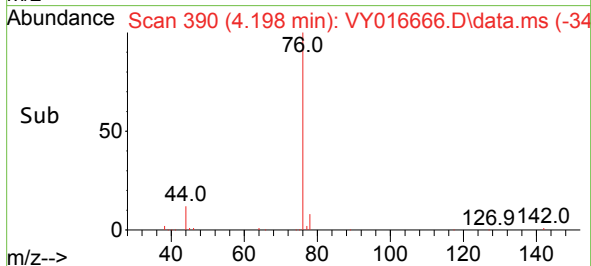
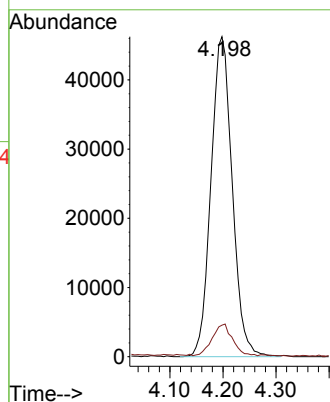
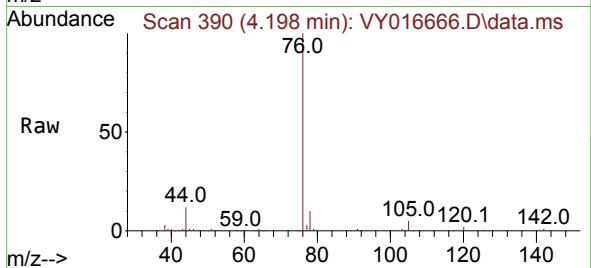




#17
Carbon Disulfide
Concen: 18.247 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

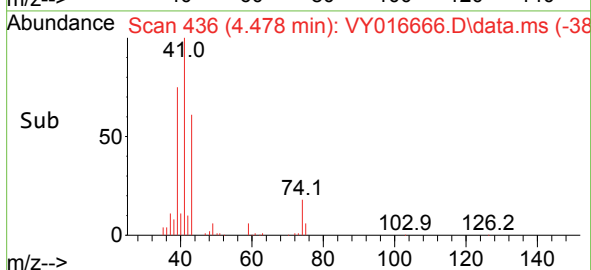
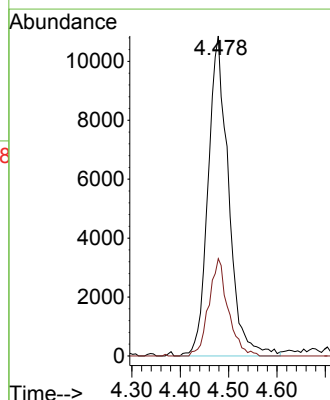
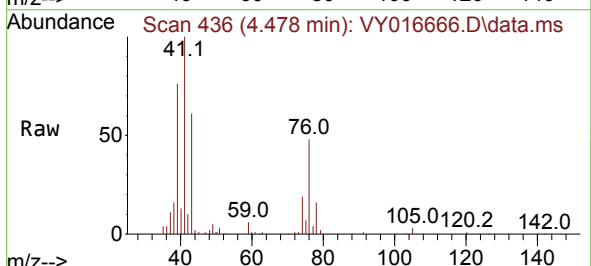
Instrument :
MSVOA_Y
ClientSampleId :

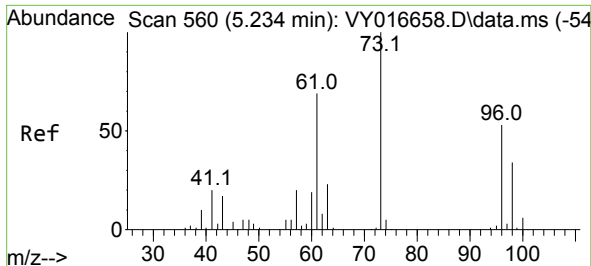
Tgt Ion: 76 Resp: 128844
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 17.043 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

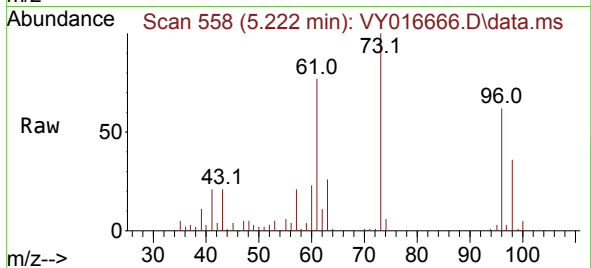
Tgt Ion: 43 Resp: 32007
Ion Ratio Lower Upper
43 100
74 28.5 17.4 26.0#



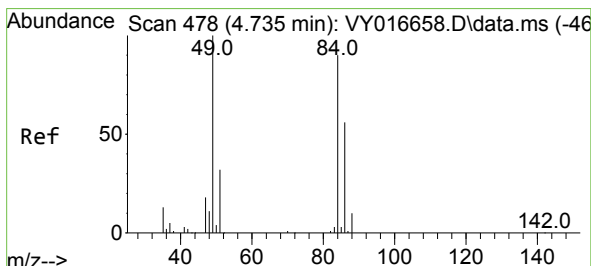
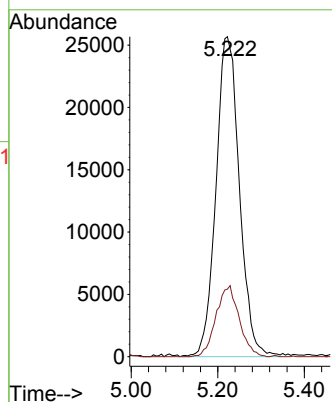
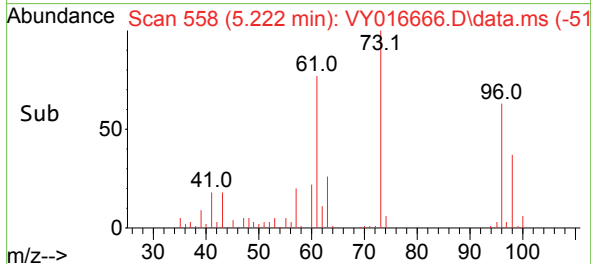


#19
Methyl tert-butyl Ether
Concen: 18.462 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

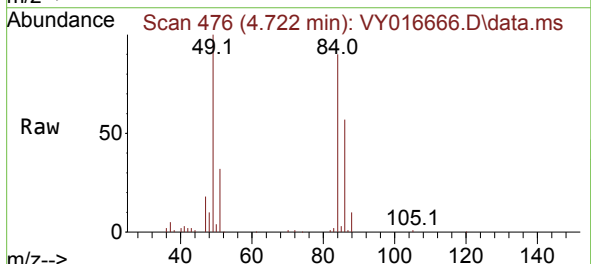
Instrument :
MSVOA_Y
ClientSampleId :



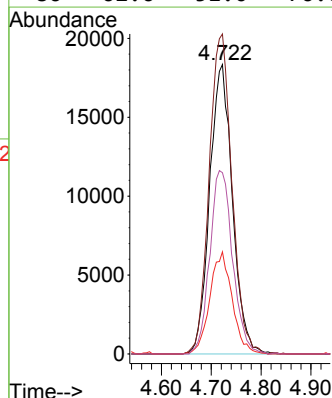
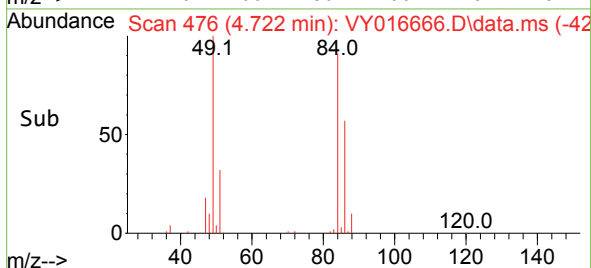
Tgt Ion: 73 Resp: 96639
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9

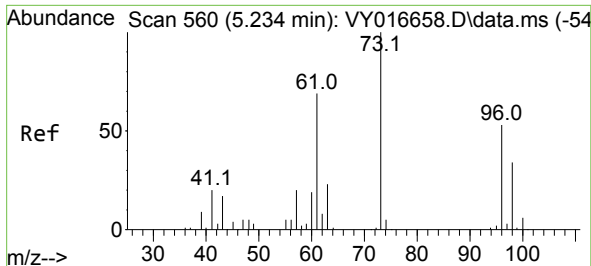


#20
Methylene Chloride
Concen: 19.905 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion: 84 Resp: 58146
Ion Ratio Lower Upper
84 100
49 110.6 106.9 160.3
51 35.3 33.2 49.8
86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.768 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

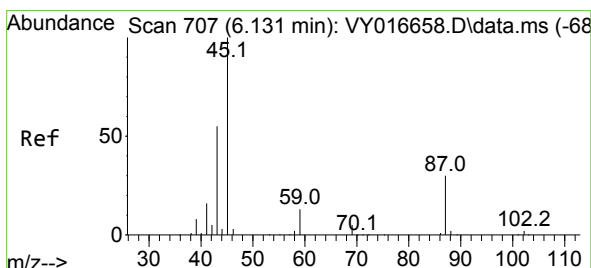
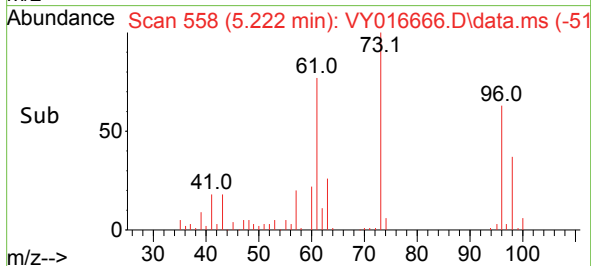
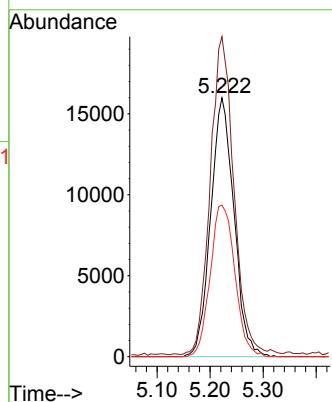
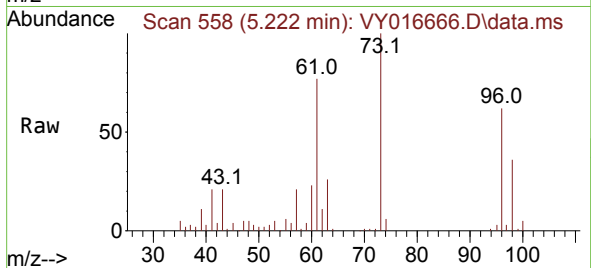
Tgt Ion: 96 Resp: 48817

Ion Ratio Lower Upper

96 100

61 122.8 110.2 165.4

98 58.5 51.8 77.6



#22

Diisopropyl ether

Concen: 18.792 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 45 Resp: 121904

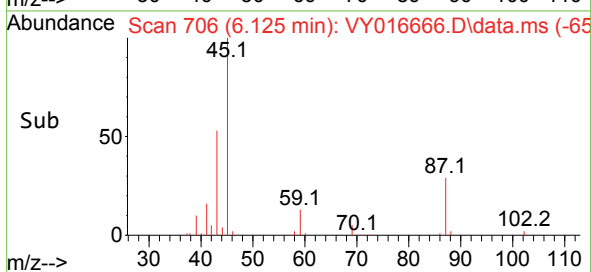
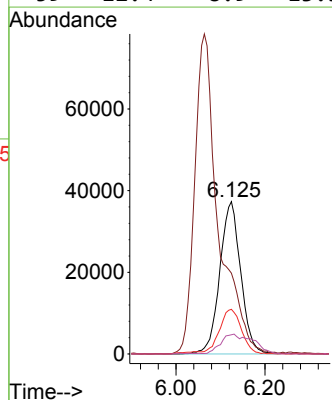
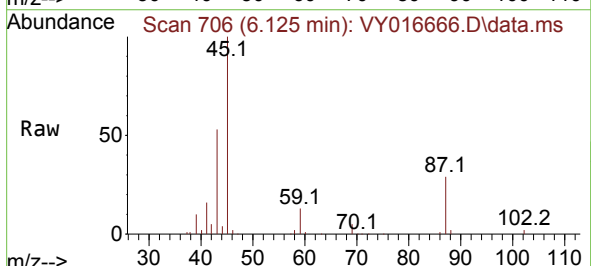
Ion Ratio Lower Upper

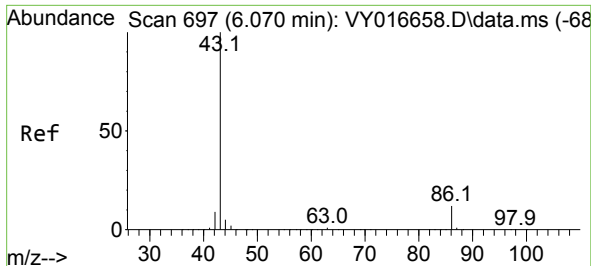
45 100

43 52.3 52.2 78.4

87 29.2 21.0 31.6

59 12.4 8.9 13.3

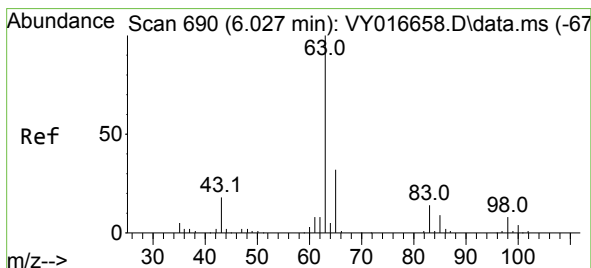
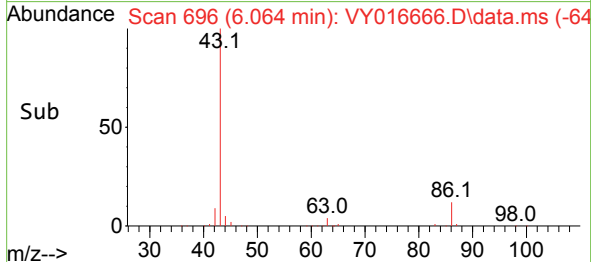
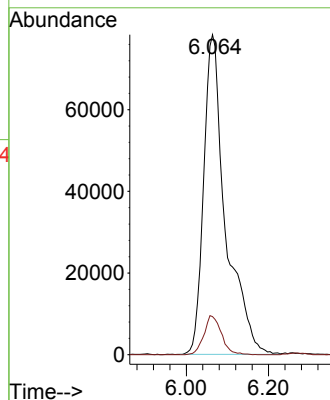
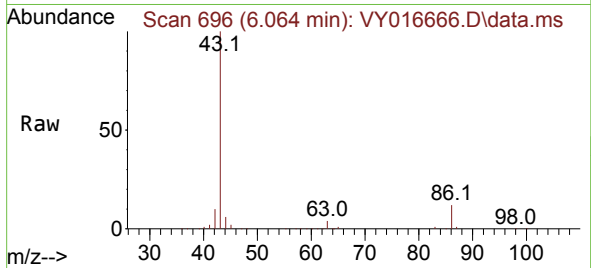




#23
 Vinyl Acetate
 Concen: 90.522 ug/l
 RT: 6.064 min Scan# 697
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

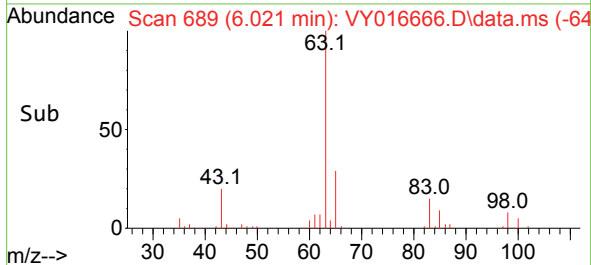
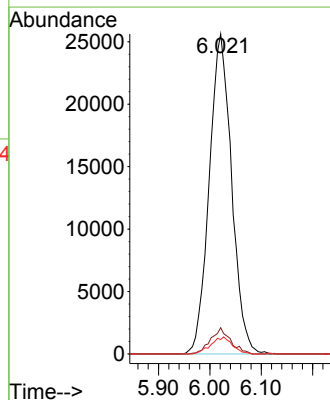
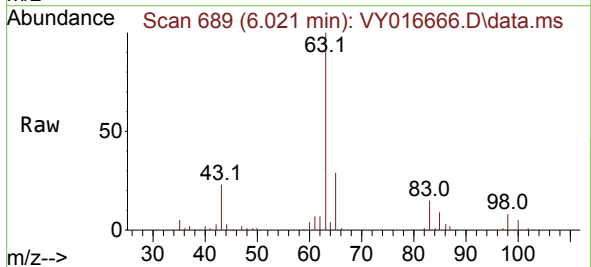
Instrument :
 MSVOA_Y
 ClientSampleId :

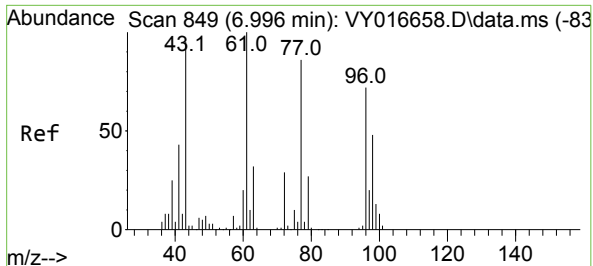
Tgt Ion: 43 Resp: 289351
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.284 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

Tgt Ion: 63 Resp: 77402
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.1 9.4
 100 4.5 1.8 5.5





#25

2-Butanone

Concen: 94.179 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

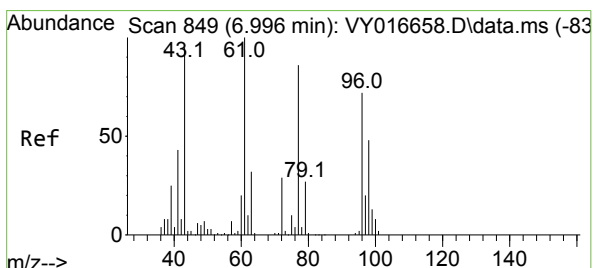
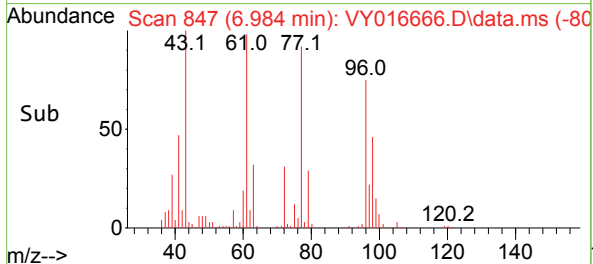
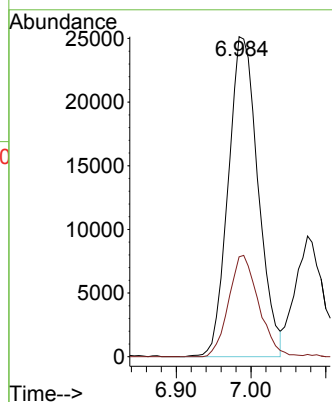
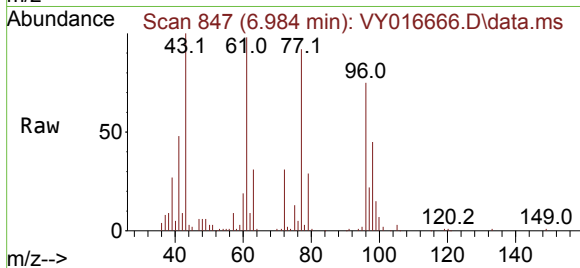
ClientSampleId :

Tgt Ion: 43 Resp: 69823

Ion Ratio Lower Upper

43 100

72 31.2 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 19.213 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016666.D

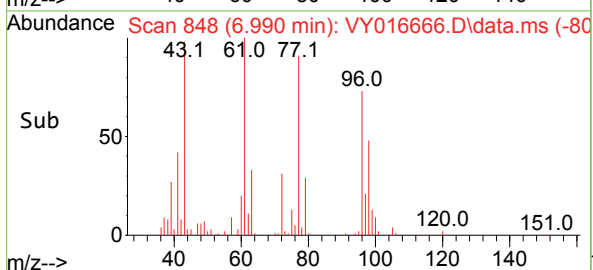
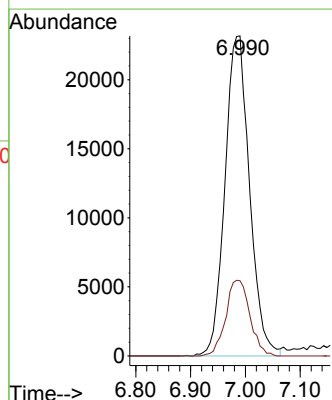
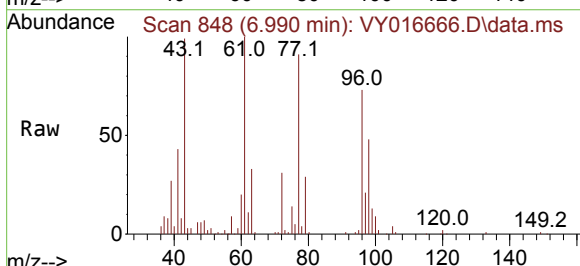
Acq: 16 Dec 2023 13:34

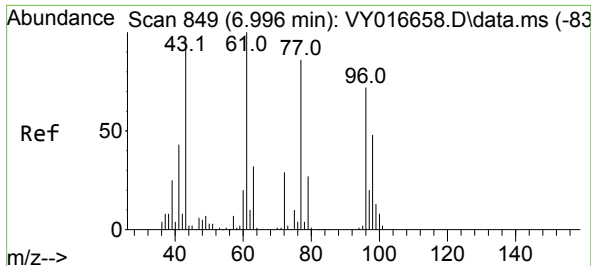
Tgt Ion: 77 Resp: 72210

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 18.679 ug/l

RT: 6.984 min Scan# 84

Delta R.T. -0.012 min

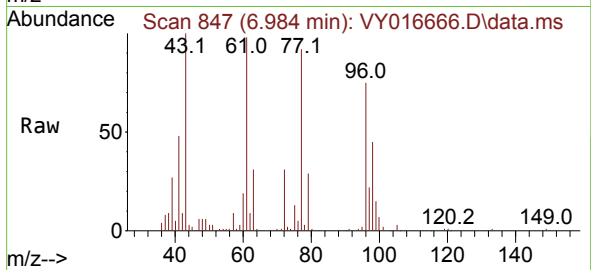
Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :



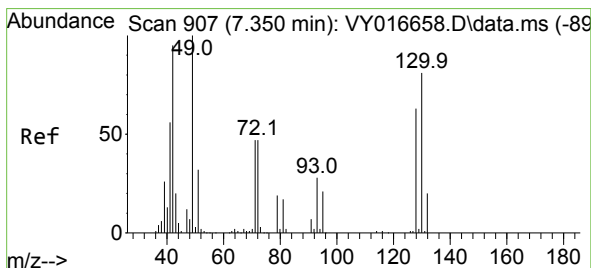
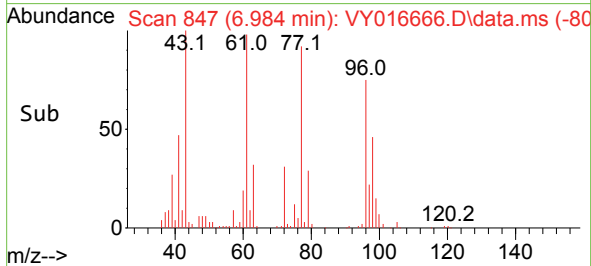
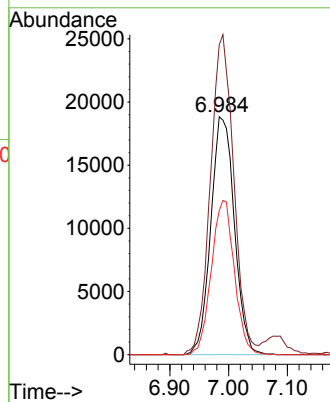
Tgt Ion: 96 Resp: 52469

Ion Ratio Lower Upper

96 100

61 133.4 0.0 301.4

98 63.4 0.0 130.4



#28

Bromochloromethane

Concen: 22.217 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.012 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

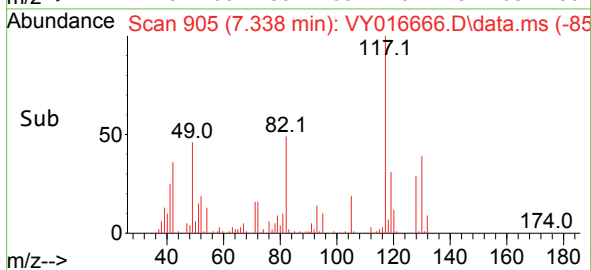
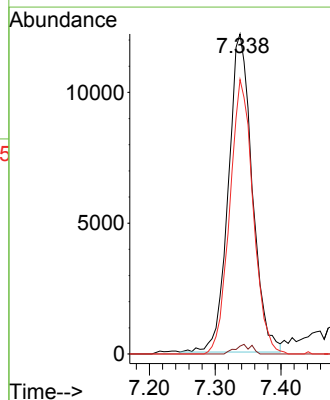
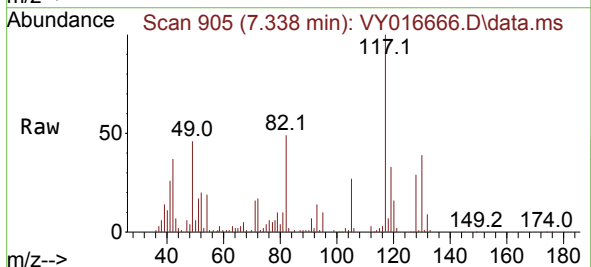
Tgt Ion: 49 Resp: 30748

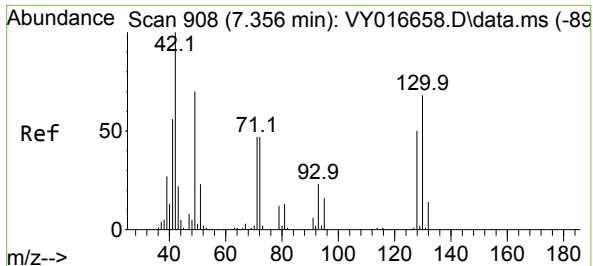
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 84.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 97.856 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

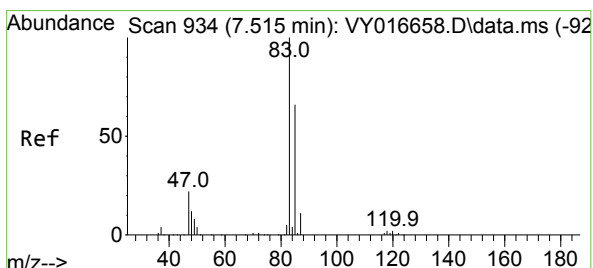
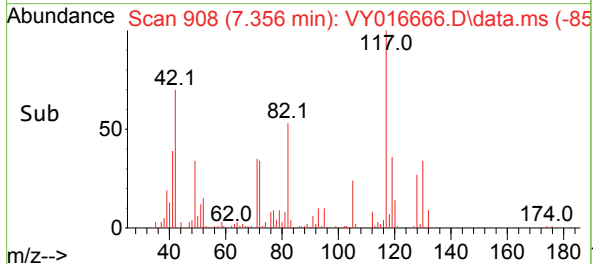
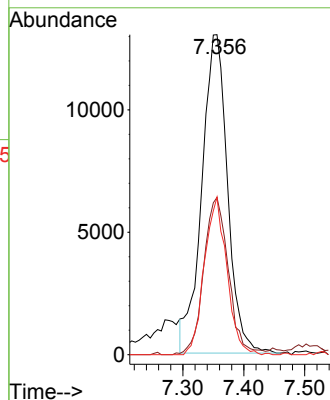
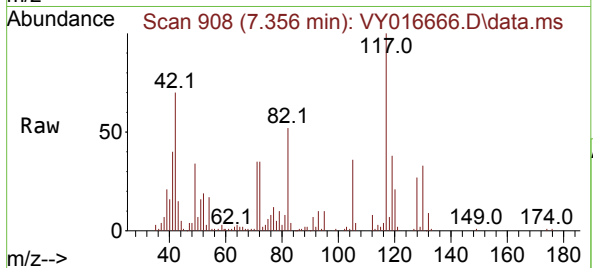
Tgt Ion: 42 Resp: 38254

Ion Ratio Lower Upper

42 100

72 47.4 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 19.050 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016666.D

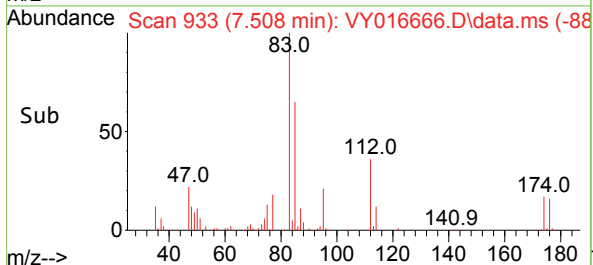
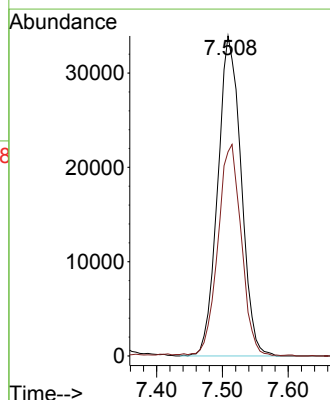
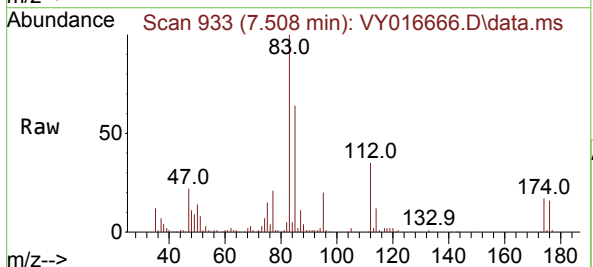
Acq: 16 Dec 2023 13:34

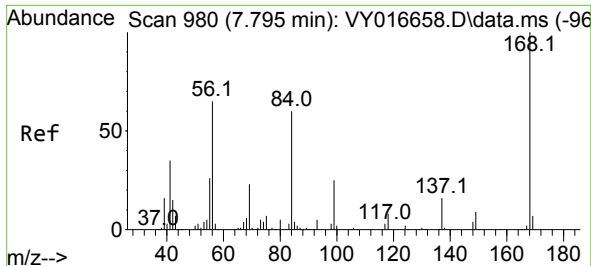
Tgt Ion: 83 Resp: 83870

Ion Ratio Lower Upper

83 100

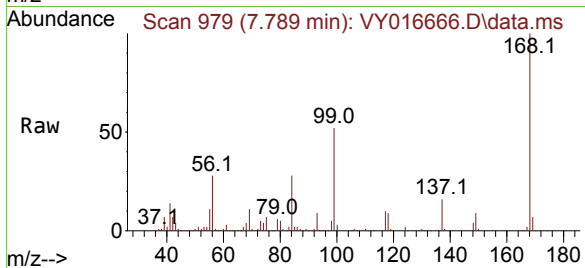
85 63.7 49.7 74.5



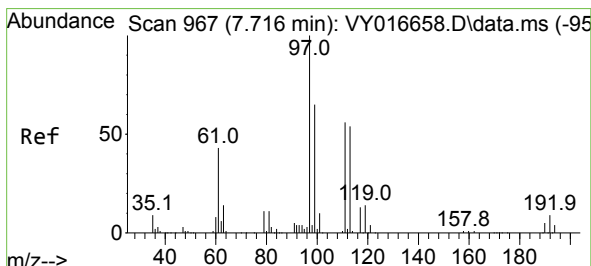
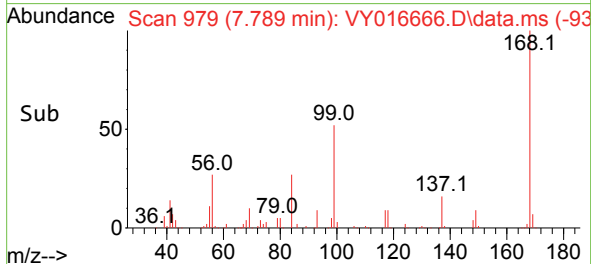
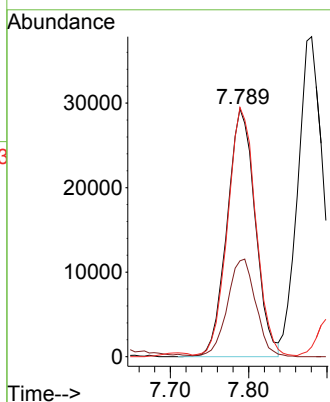


#31
Cyclohexane
Concen: 18.452 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :

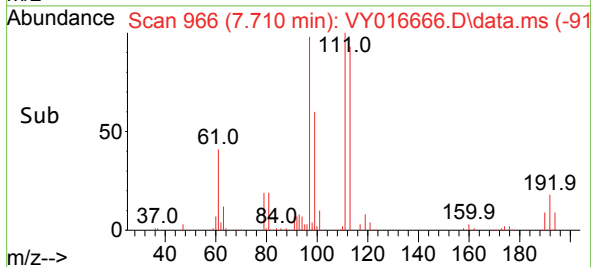
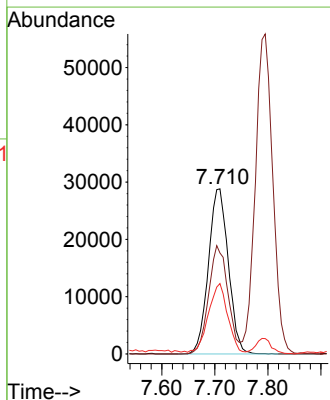
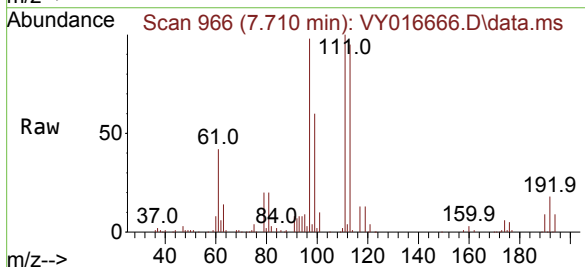


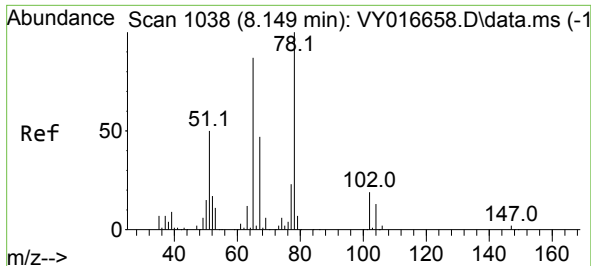
Tgt Ion: 56 Resp: 73258
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 99.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.026 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 97 Resp: 75148
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 40.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 41.946 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

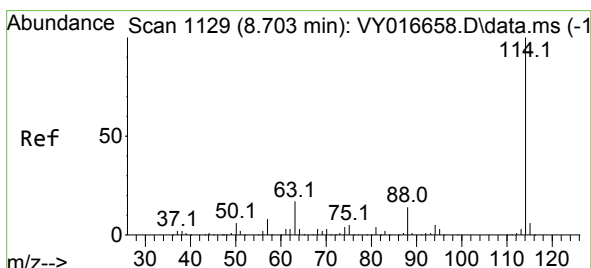
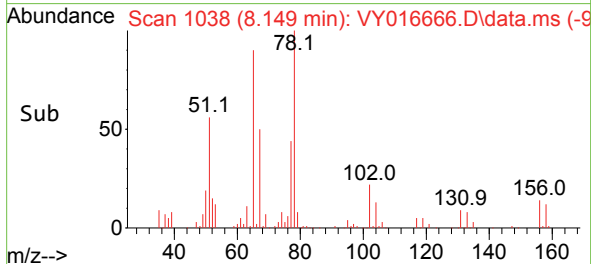
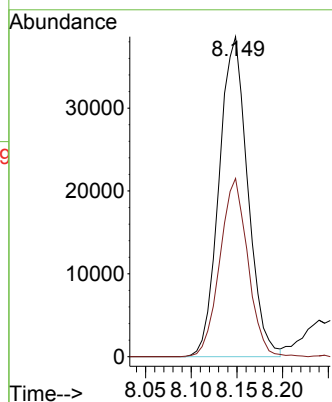
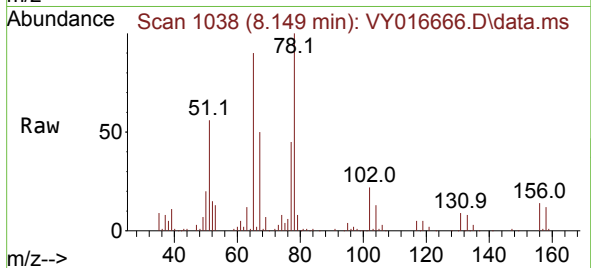
ClientSampleId :

Tgt Ion: 65 Resp: 84197

Ion Ratio Lower Upper

65 100

67 54.4 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: VY016666.D

Acq: 16 Dec 2023 13:34

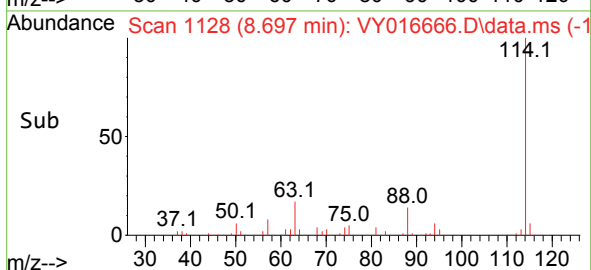
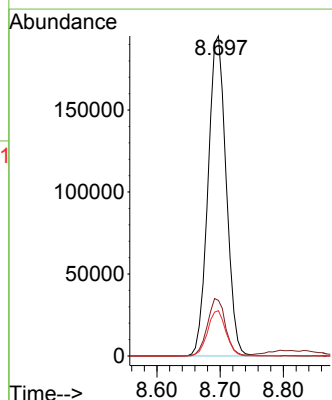
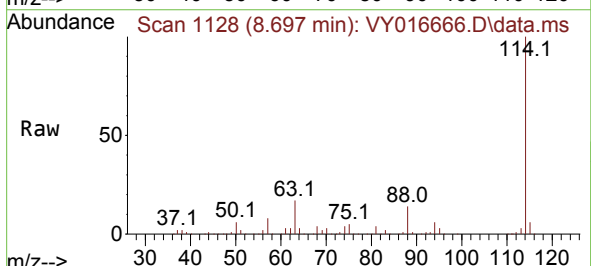
Tgt Ion:114 Resp: 388988

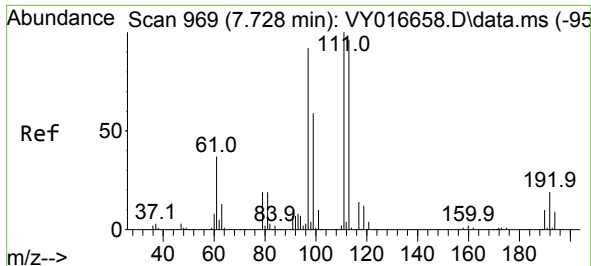
Ion Ratio Lower Upper

114 100

63 17.4 0.0 42.4

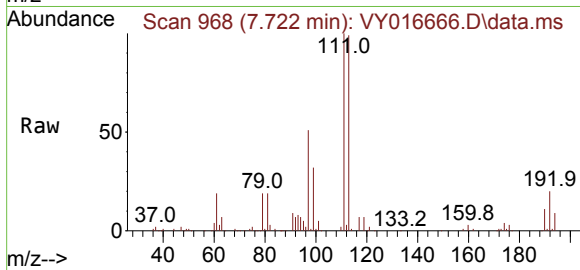
88 14.2 0.0 30.6



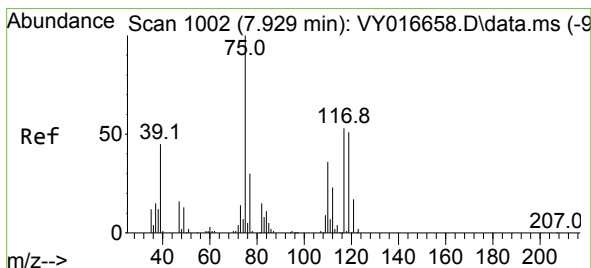
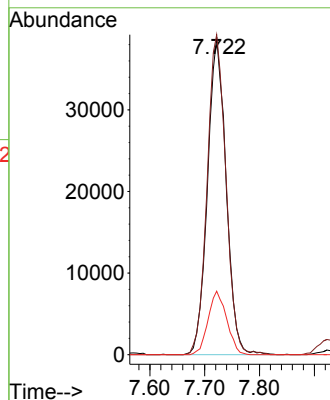
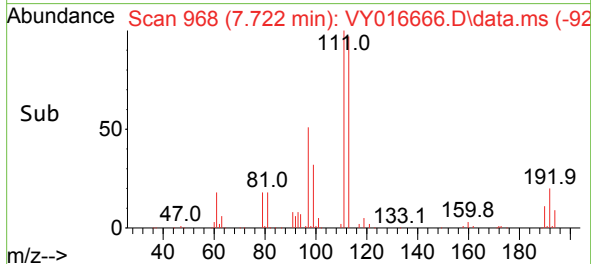


#35
Dibromofluoromethane
Concen: 43.694 ug/l
RT: 7.722 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :

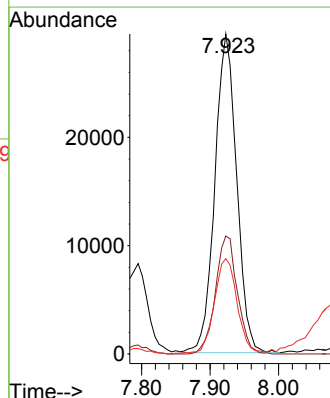
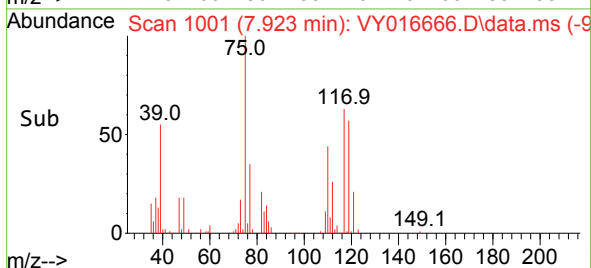
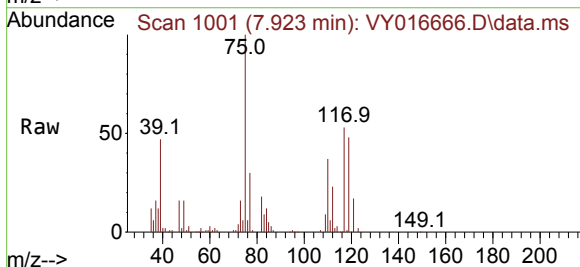


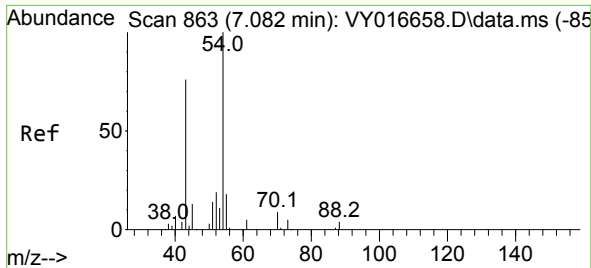
Tgt Ion:113 Resp: 91168
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.792 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 75 Resp: 64943
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 31.4 24.4 36.6

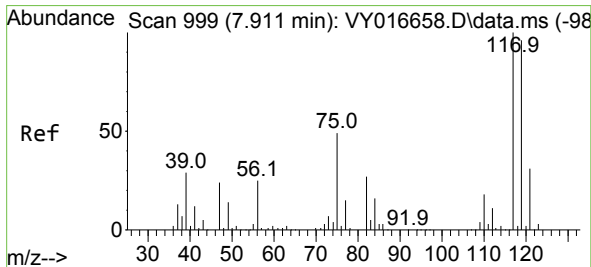
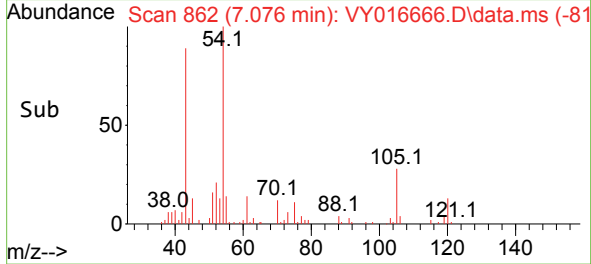
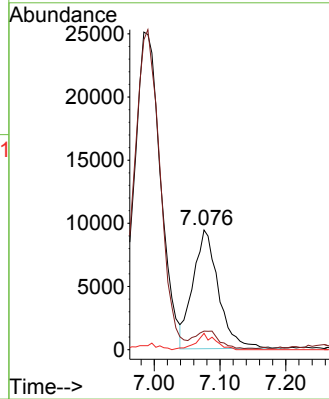
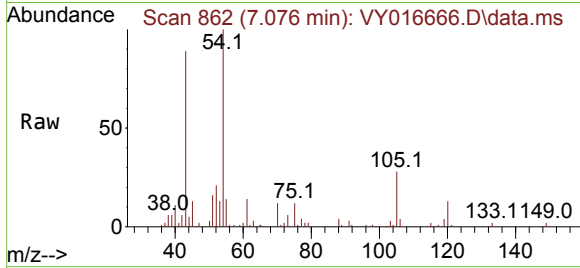




#37
Ethyl Acetate
Concen: 17.684 ug/l
RT: 7.076 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

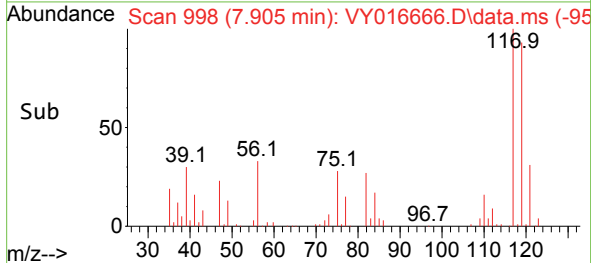
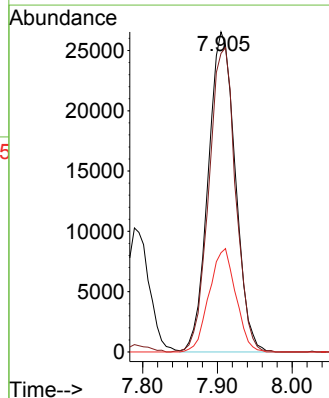
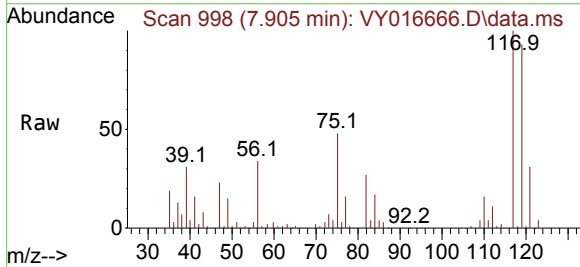
Instrument :
MSVOA_Y
ClientSampleId :

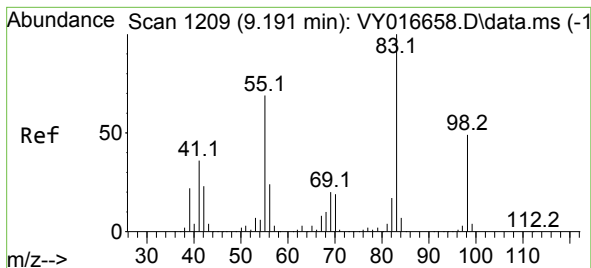
Tgt Ion: 43 Resp: 25185
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.4 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.218 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 117 Resp: 66710
Ion Ratio Lower Upper
117 100
119 93.3 76.4 114.6
121 31.0 25.8 38.6





#39

Methylcyclohexane

Concen: 18.879 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

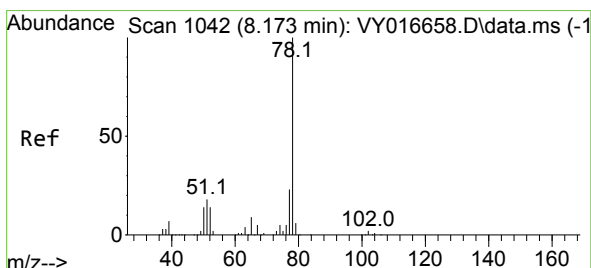
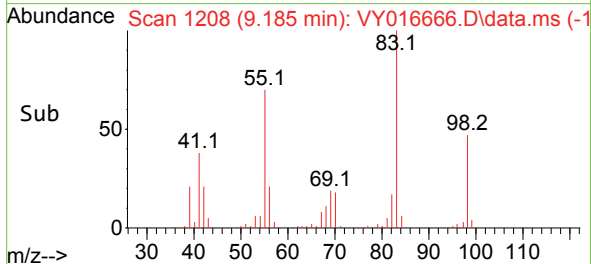
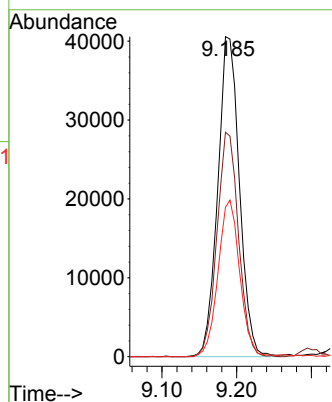
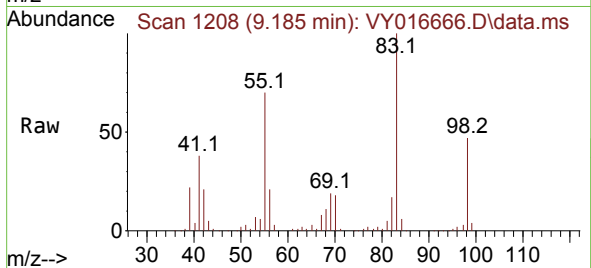
Tgt Ion: 83 Resp: 82001

Ion Ratio Lower Upper

83 100

55 70.2 63.0 94.4

98 46.7 37.4 56.2



#40

Benzene

Concen: 19.556 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016666.D

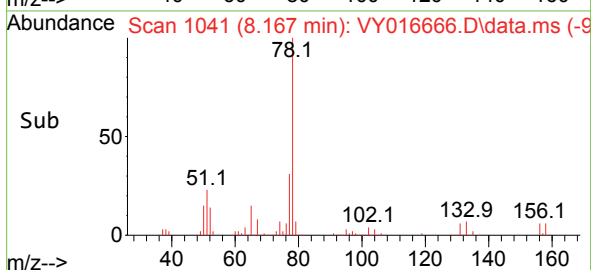
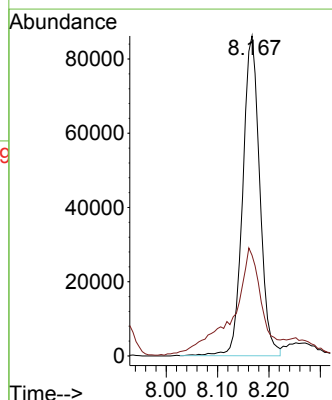
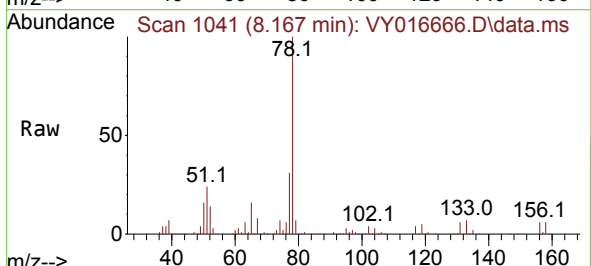
Acq: 16 Dec 2023 13:34

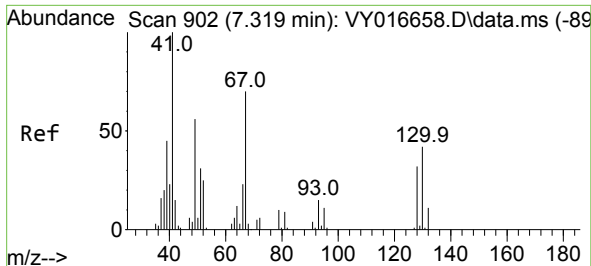
Tgt Ion: 78 Resp: 198079

Ion Ratio Lower Upper

78 100

77 30.1 19.0 28.6#

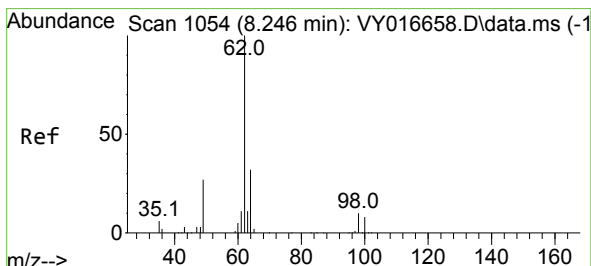
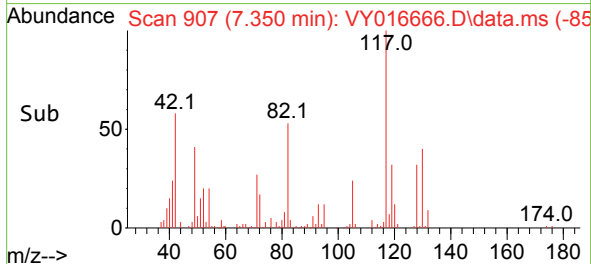
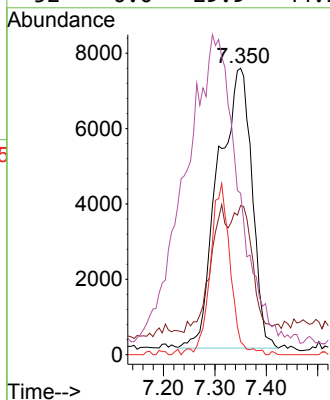
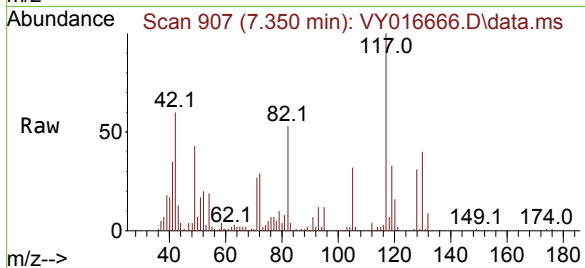




#41
Methacrylonitrile
Concen: 47.269 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.030 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

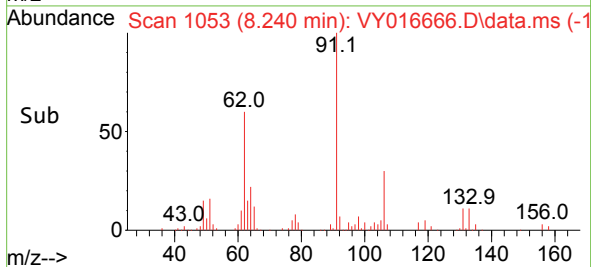
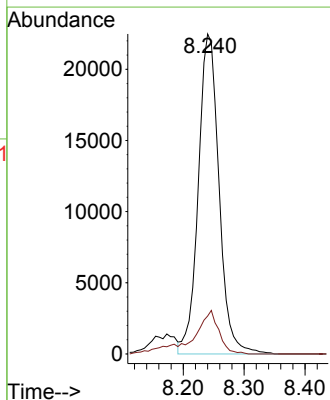
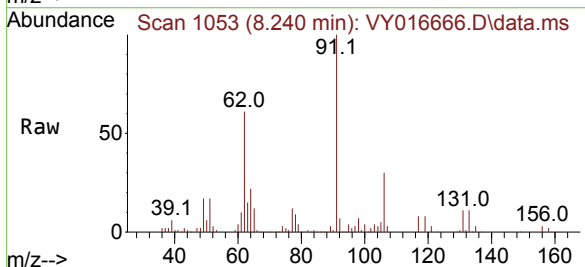
Instrument :
MSVOA_Y
ClientSampleId :

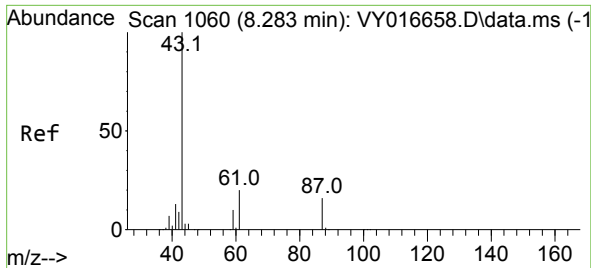
Tgt Ion: 41 Resp: 33910
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.538 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

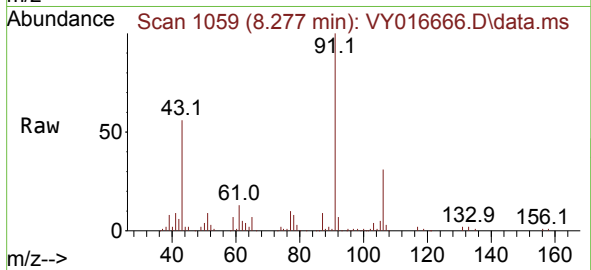
Tgt Ion: 62 Resp: 53168
Ion Ratio Lower Upper
62 100
98 13.2 0.0 15.8



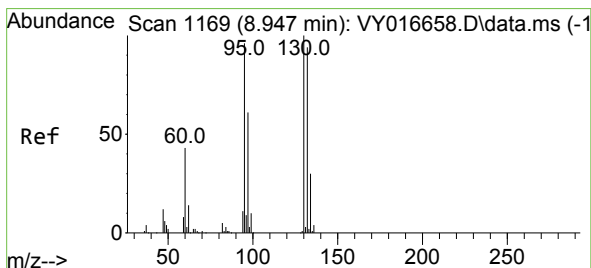
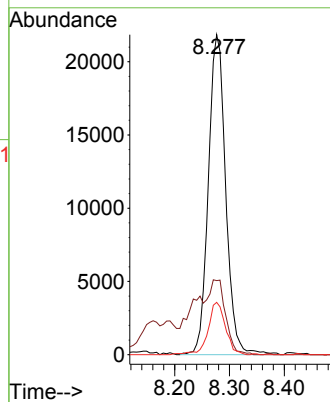
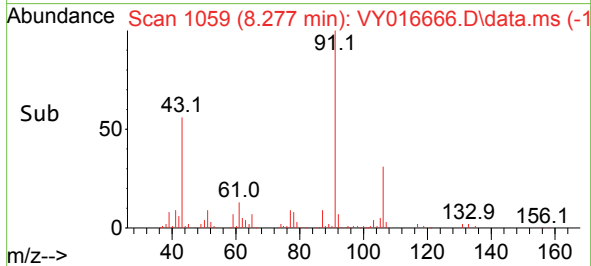


#43
Isopropyl Acetate
Concen: 18.332 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :

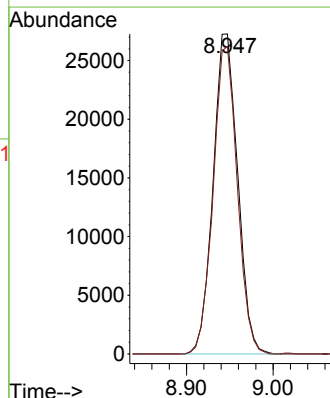
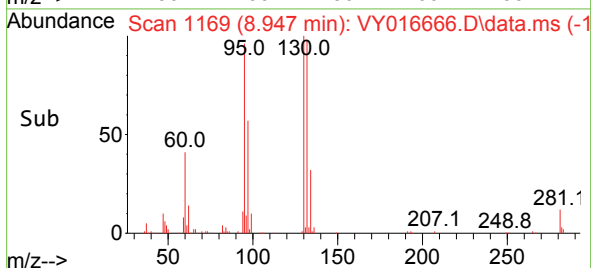
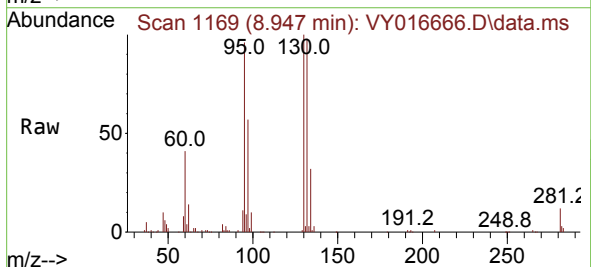


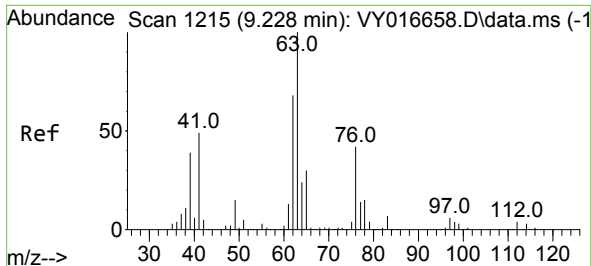
Tgt Ion: 43 Resp: 47982
Ion Ratio Lower Upper
43 100
61 21.4 21.1 31.7
87 16.5 9.8 14.8#



#44
Trichloroethene
Concen: 19.061 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:130 Resp: 53770
Ion Ratio Lower Upper
130 100
95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.930 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

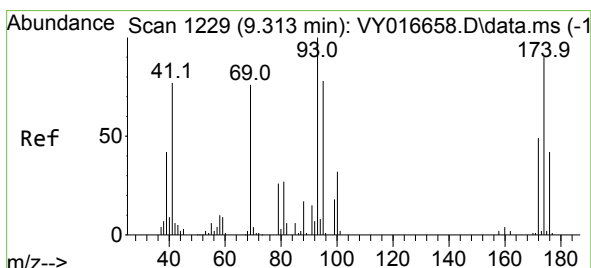
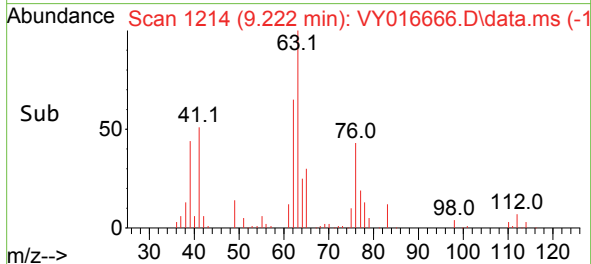
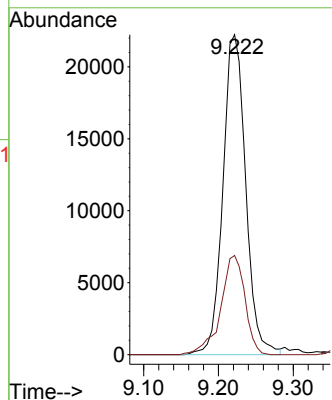
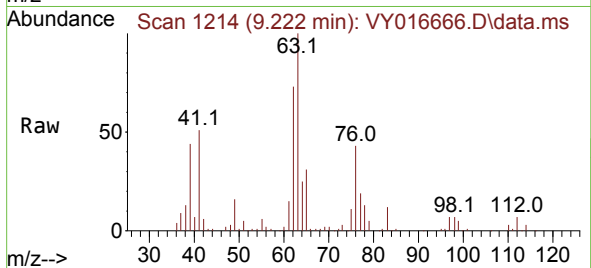
ClientSampleId :

Tgt Ion: 63 Resp: 47158

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 18.642 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

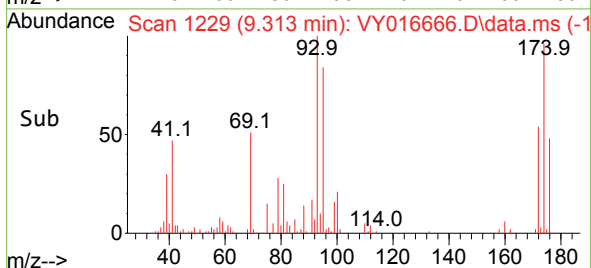
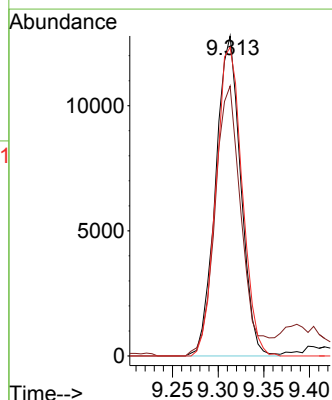
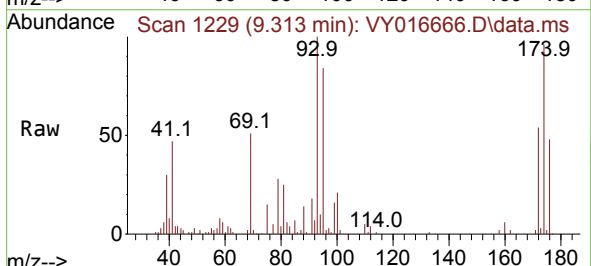
Tgt Ion: 93 Resp: 24394

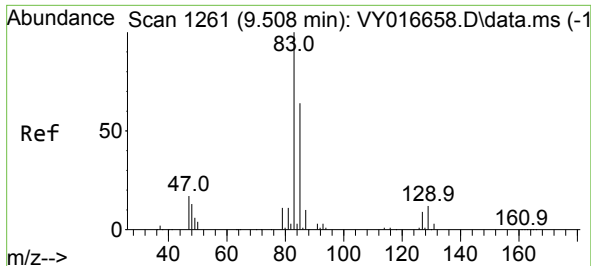
Ion Ratio Lower Upper

93 100

95 88.1 66.6 100.0

174 100.3 84.8 127.2

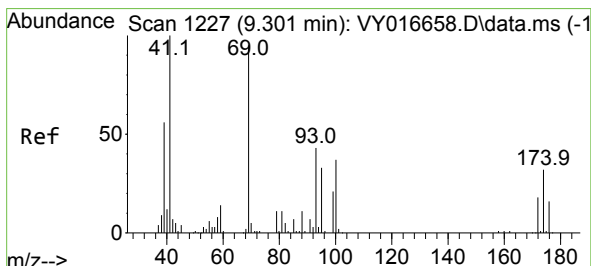
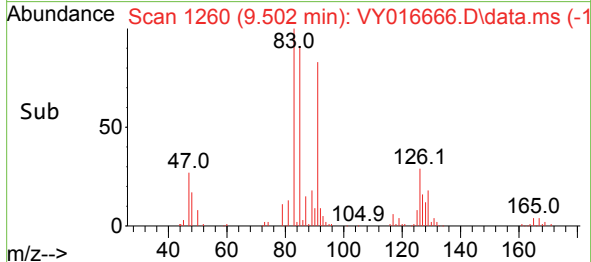
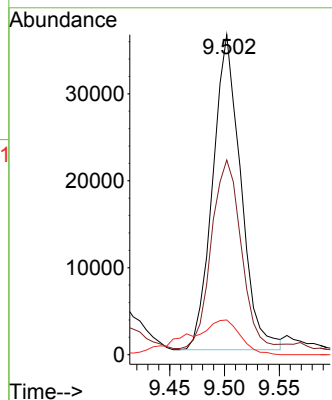
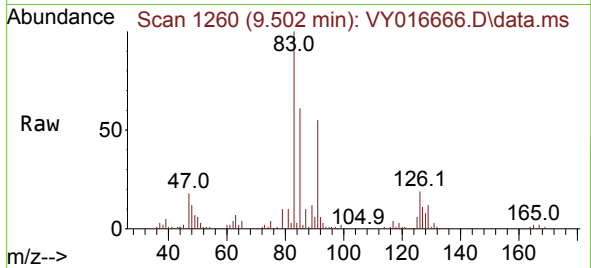




#47
Bromodichloromethane
Concen: 19.518 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

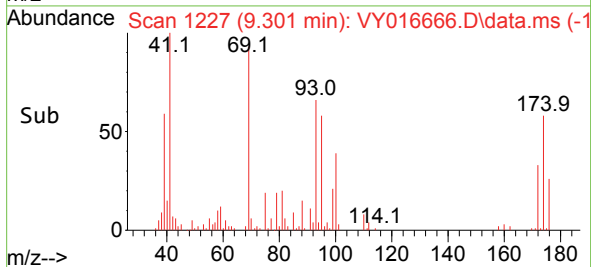
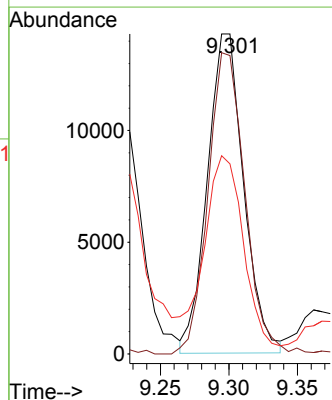
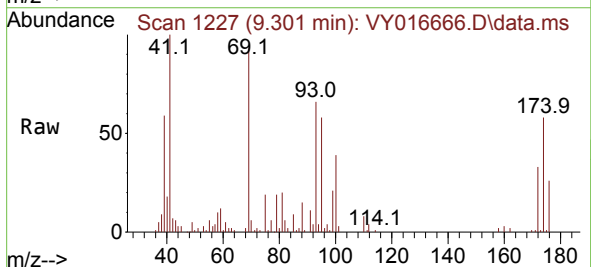
Instrument :
MSVOA_Y
ClientSampleId :

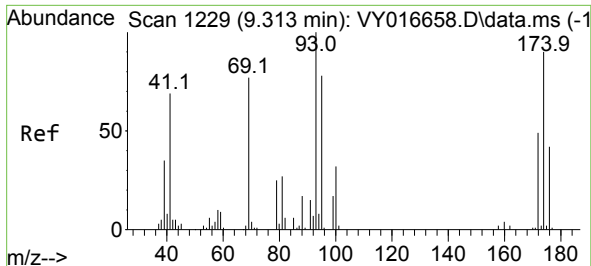
Tgt Ion: 83 Resp: 64533
Ion Ratio Lower Upper
83 100
85 59.9 50.1 75.1
127 11.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 18.187 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 41 Resp: 26360
Ion Ratio Lower Upper
41 100
69 95.7 64.5 96.7
39 62.2 50.8 76.2





#49

1,4-Dioxane

Concen: 356.764 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.012 min

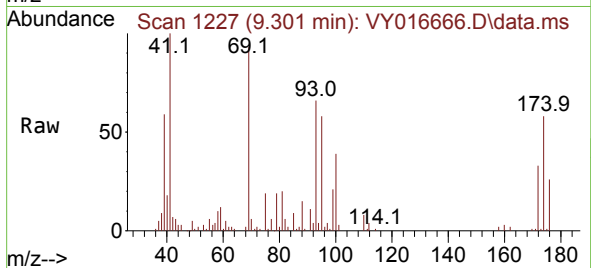
Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :



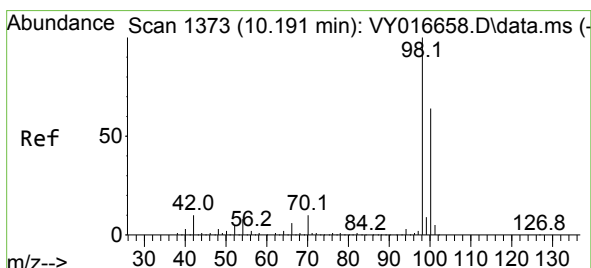
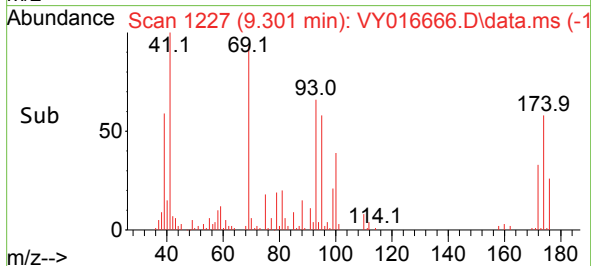
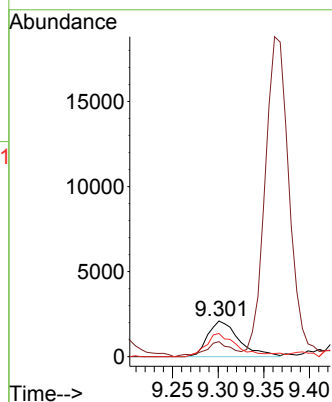
Tgt Ion: 88 Resp: 5001

Ion Ratio Lower Upper

88 100

43 34.9 0.0 0.0#

58 63.3 30.9 46.3#



#50

Toluene-d8

Concen: 43.286 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016666.D

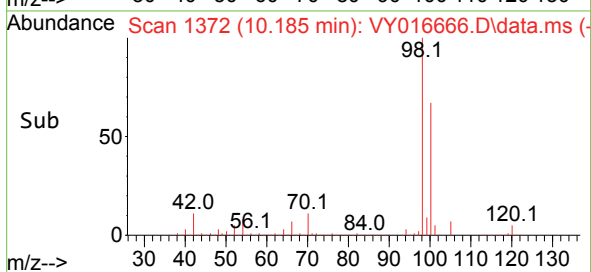
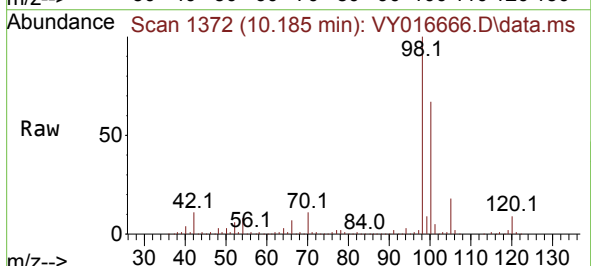
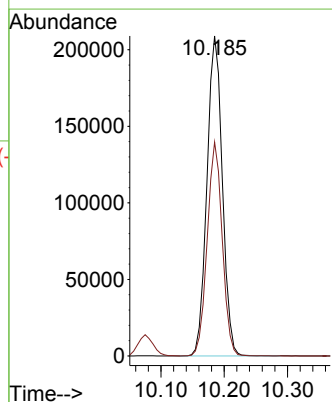
Acq: 16 Dec 2023 13:34

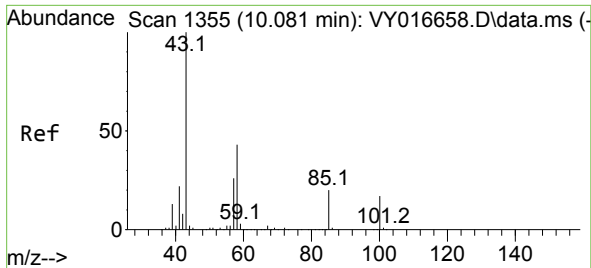
Tgt Ion: 98 Resp: 353707

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

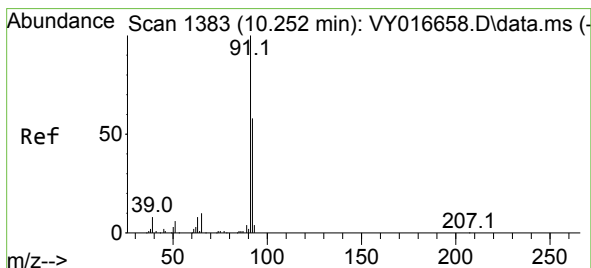
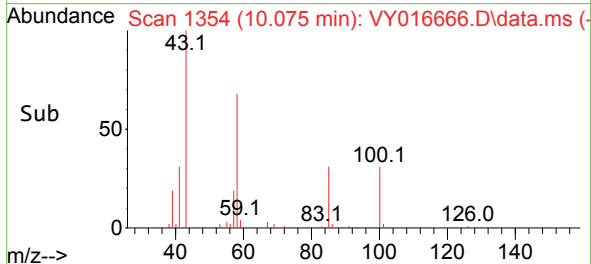
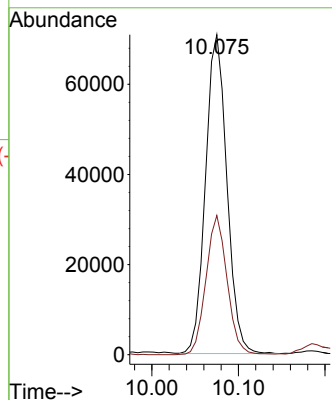
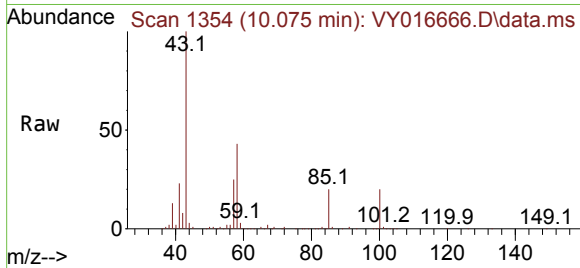




#51
4-Methyl-2-Pentanone
Concen: 88.482 ug/l
RT: 10.075 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

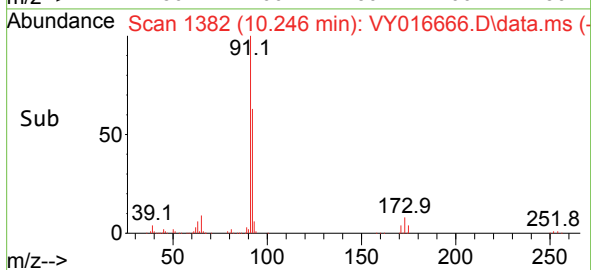
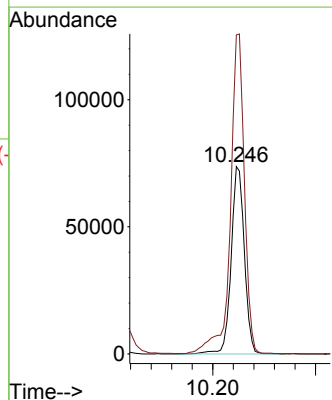
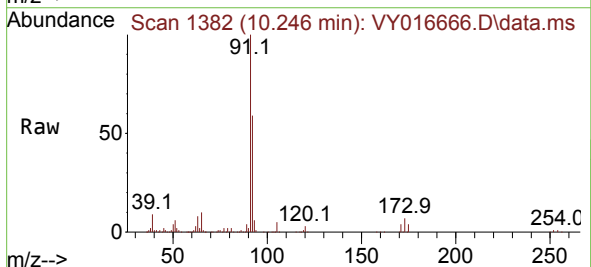
Instrument :
MSVOA_Y
ClientSampleId :

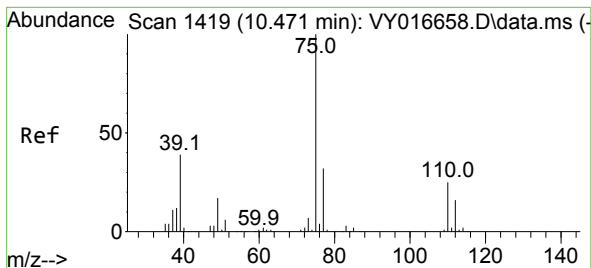
Tgt Ion: 43 Resp: 121463
Ion Ratio Lower Upper
43 100
58 43.1 29.0 43.6



#52
Toluene
Concen: 20.737 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 92 Resp: 131566
Ion Ratio Lower Upper
92 100
91 181.0 143.8 215.6

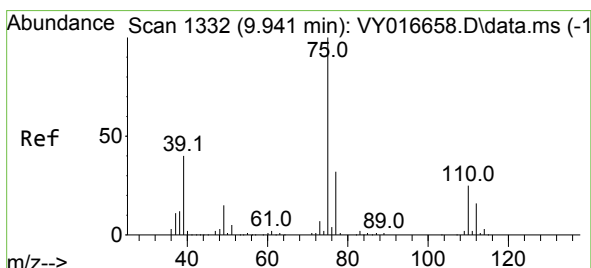
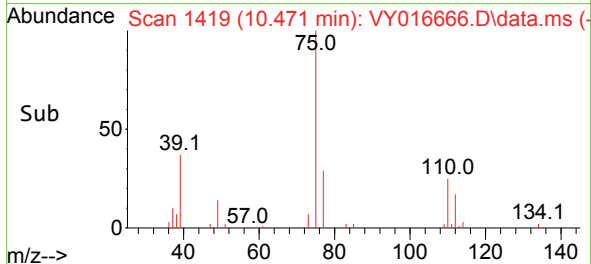
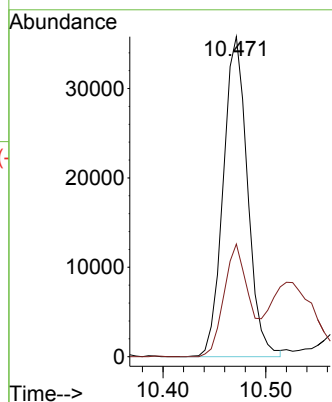
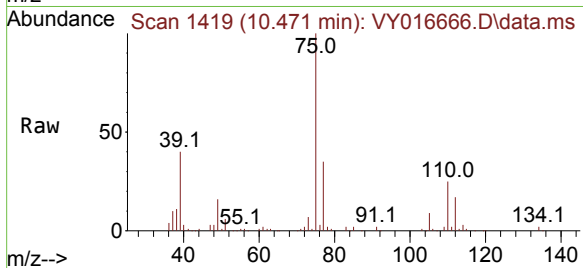




#53
 t-1,3-Dichloropropene
 Concen: 18.843 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. -0.000 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

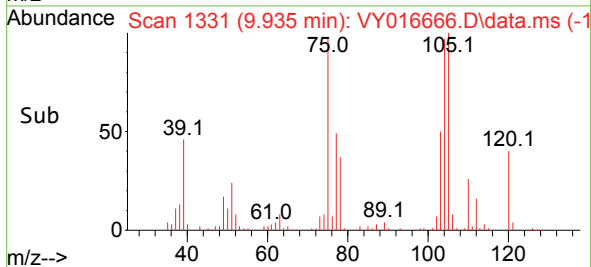
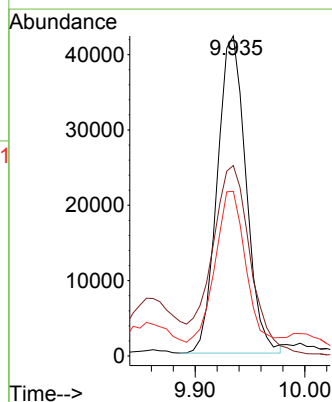
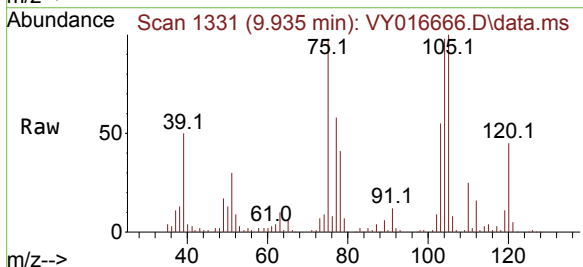
Instrument :
 MSVOA_Y
 ClientSampleId :

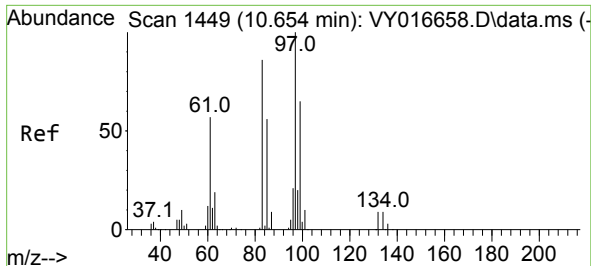
Tgt Ion: 75 Resp: 58775
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.464 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. -0.006 min
 Lab File: VY016666.D
 Acq: 16 Dec 2023 13:34

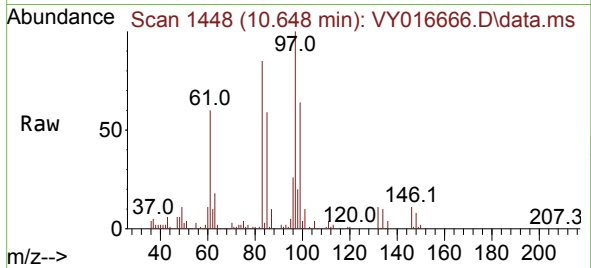
Tgt Ion: 75 Resp: 76746
 Ion Ratio Lower Upper
 75 100
 77 56.8 24.2 36.4#
 39 46.8 42.2 63.4



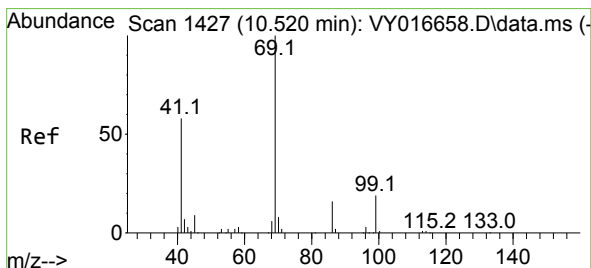
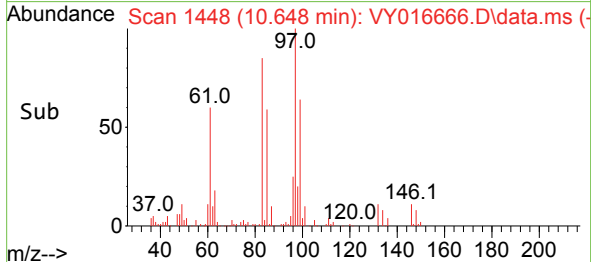
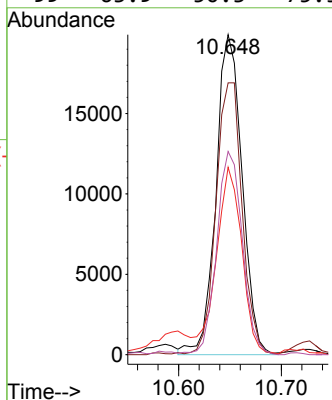


#55
1,1,2-Trichloroethane
Concen: 19.116 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Instrument :
MSVOA_Y
ClientSampleId :

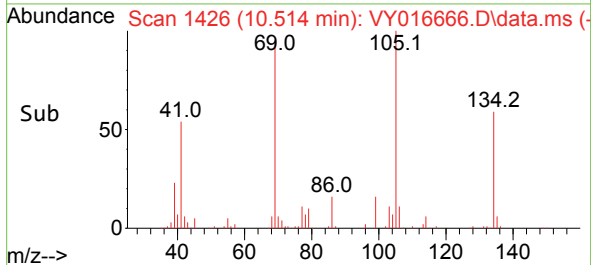
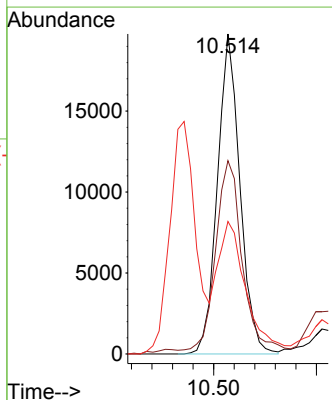
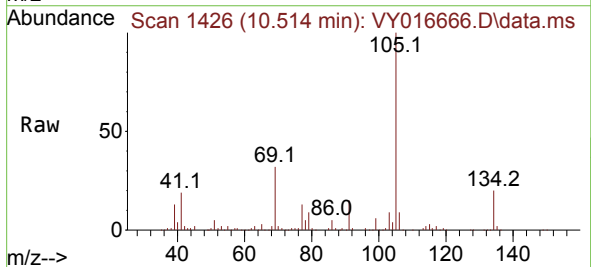


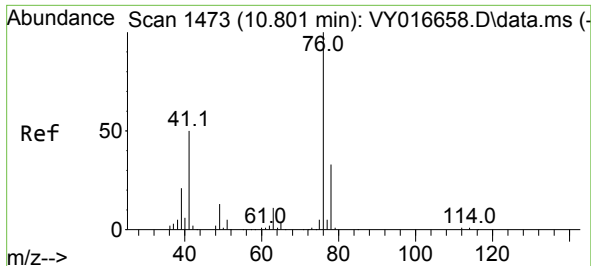
Tgt Ion:	97	Resp:	35148
Ion	Ratio	Lower	Upper
97	100		
83	85.2	72.0	108.0
85	58.6	45.4	68.0
99	63.9	50.3	75.5



#56
Ethyl methacrylate
Concen: 18.858 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:	69	Resp:	30062
Ion	Ratio	Lower	Upper
69	100		
41	69.1	57.6	86.4
39	52.6	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 19.006 ug/l

RT: 10.794 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

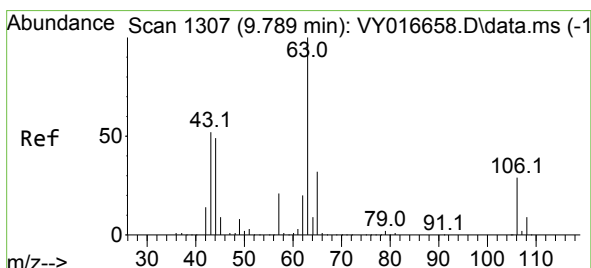
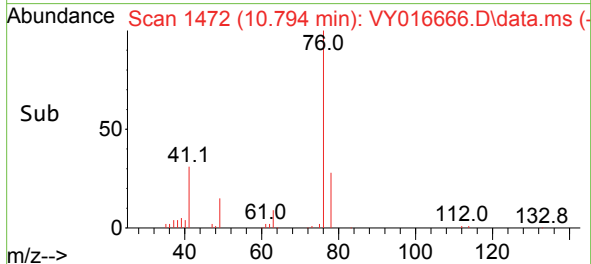
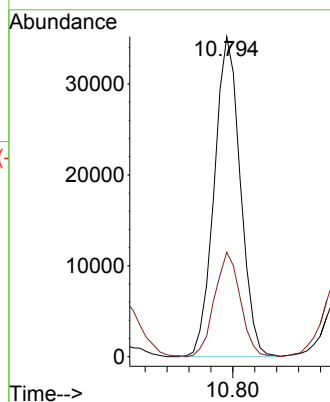
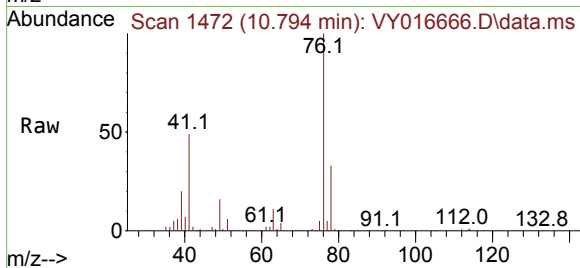
ClientSampleId :

Tgt Ion: 76 Resp: 58159

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 85.720 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VY016666.D

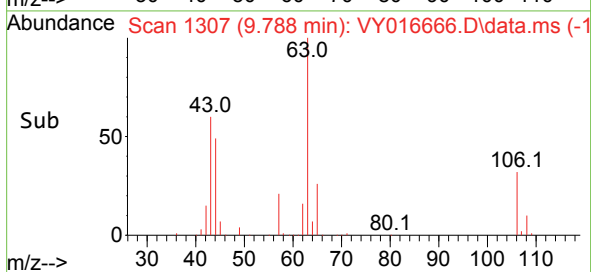
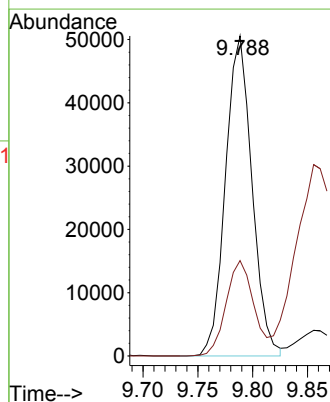
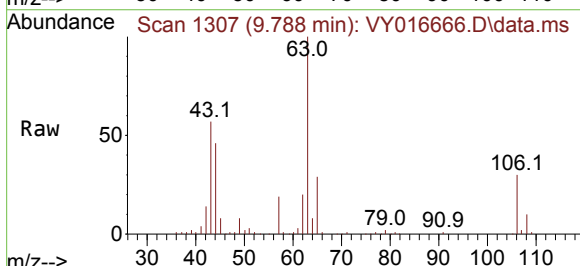
Acq: 16 Dec 2023 13:34

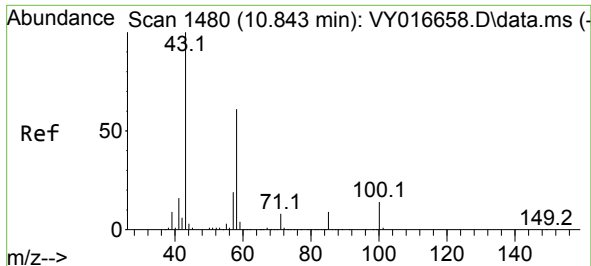
Tgt Ion: 63 Resp: 85101

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8

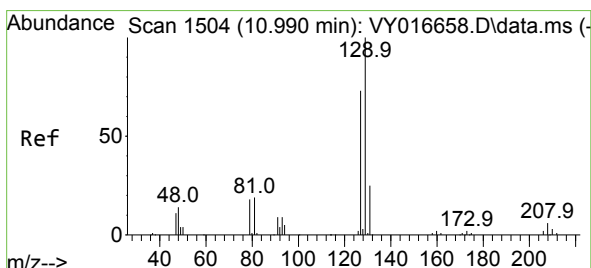
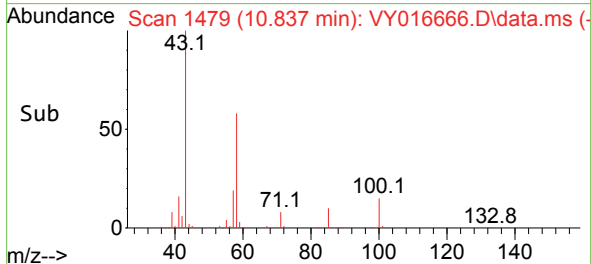
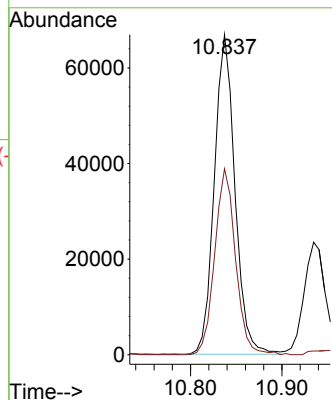
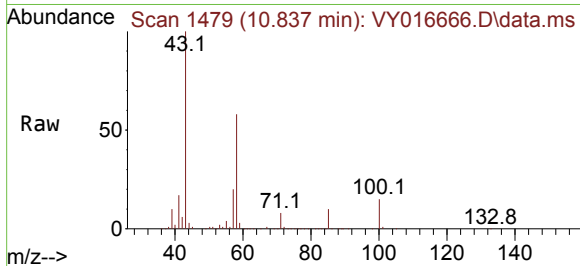




#59
2-Hexanone
Concen: 92.998 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

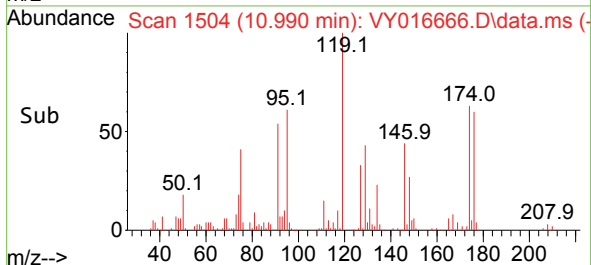
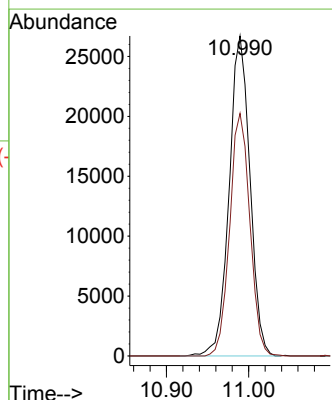
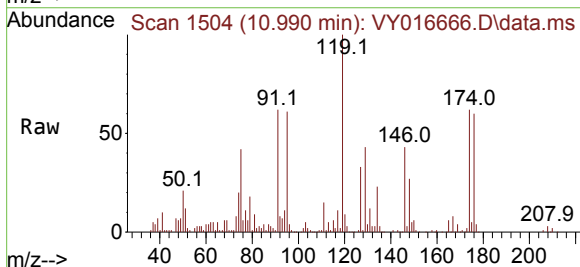
Instrument :
MSVOA_Y
ClientSampleId :

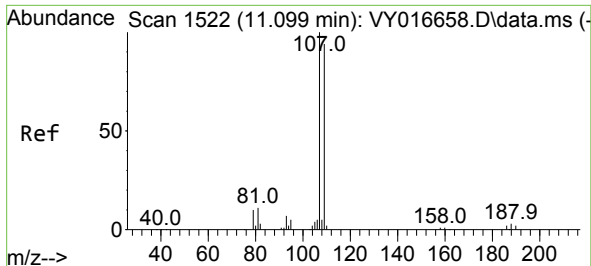
Tgt Ion: 43 Resp: 104734
Ion Ratio Lower Upper
43 100
58 58.8 25.1 75.3



#60
Dibromochloromethane
Concen: 21.090 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:129 Resp: 46996
Ion Ratio Lower Upper
129 100
127 73.4 38.5 115.5

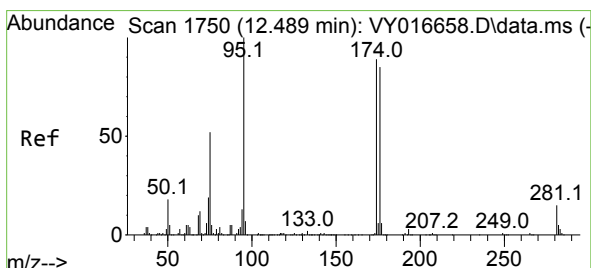
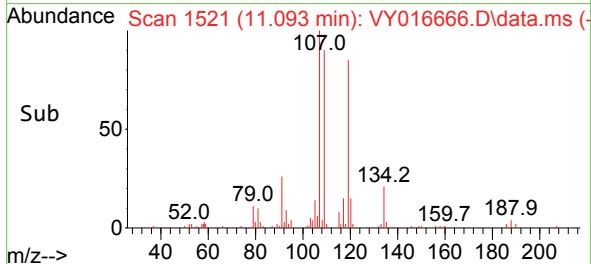
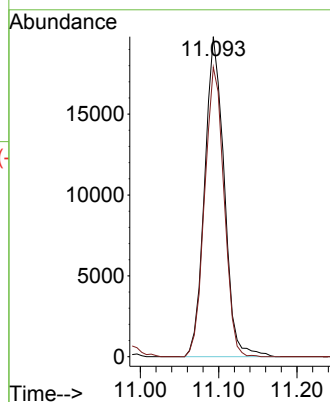
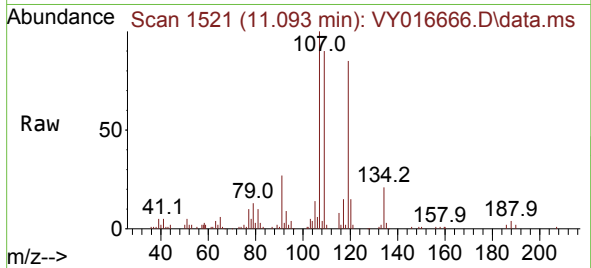




#61
1,2-Dibromoethane
Concen: 19.838 ug/l
RT: 11.093 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

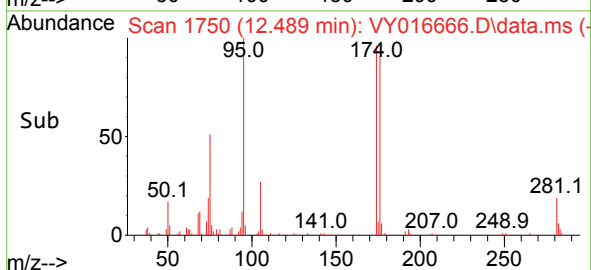
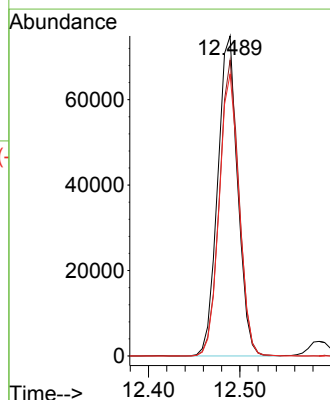
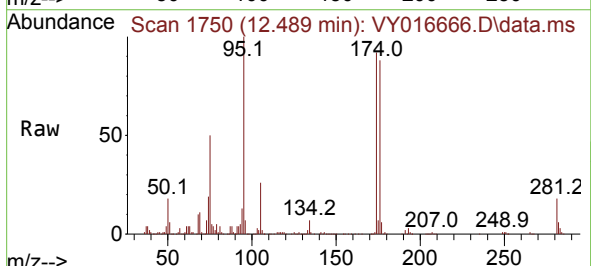
Instrument :
MSVOA_Y
ClientSampleId :

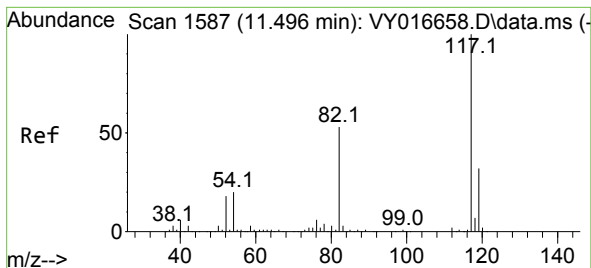
Tgt Ion:107 Resp: 34234
Ion Ratio Lower Upper
107 100
109 89.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.611 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

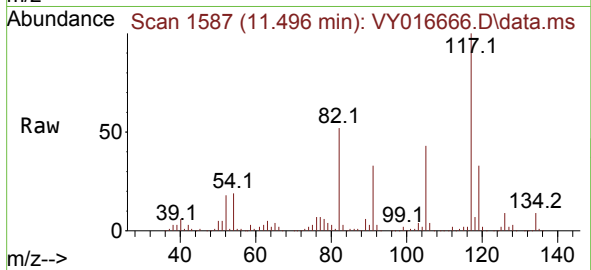
Tgt Ion: 95 Resp: 113937
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.8 0.0 173.8



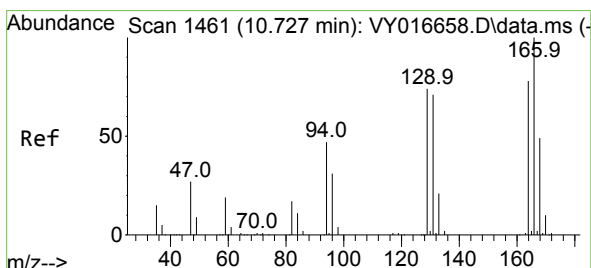
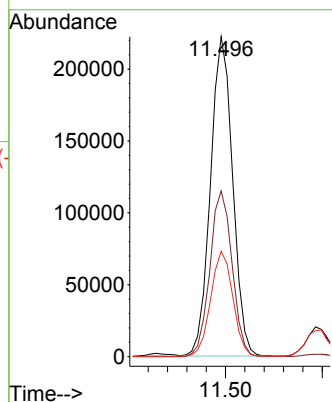
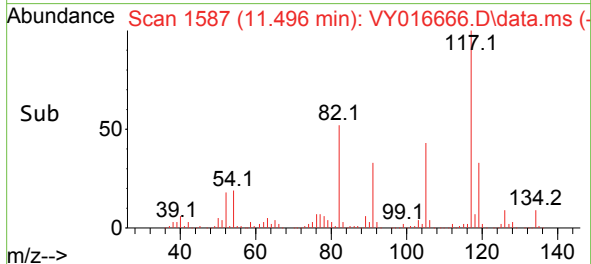


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

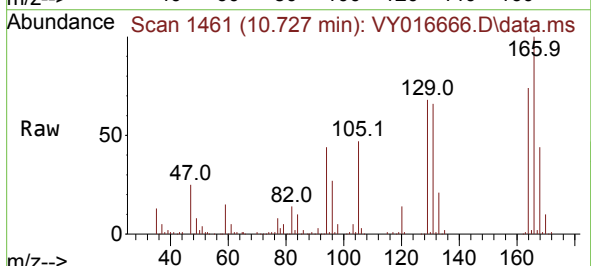
Instrument :
MSVOA_Y
ClientSampleId :



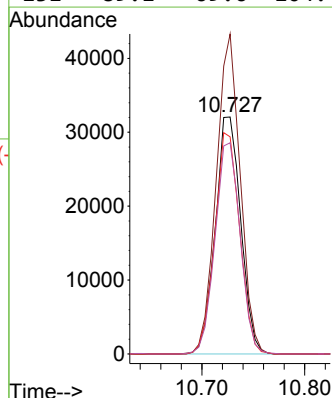
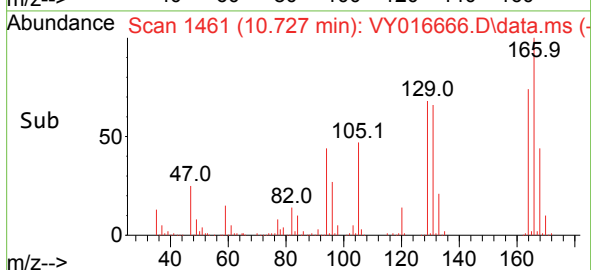
Tgt Ion:117 Resp: 353912
Ion Ratio Lower Upper
117 100
82 51.8 43.4 65.0
119 32.9 26.3 39.5

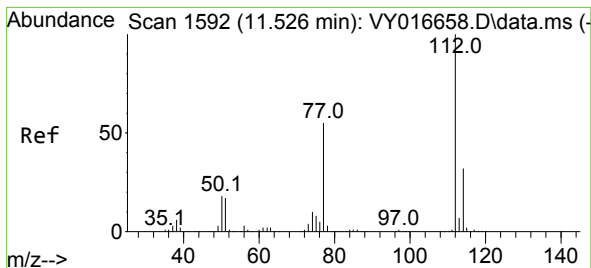


#64
Tetrachloroethene
Concen: 19.014 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34



Tgt Ion:164 Resp: 55132
Ion Ratio Lower Upper
164 100
166 135.0 103.0 154.6
129 91.6 77.2 115.8
131 89.1 69.6 104.4

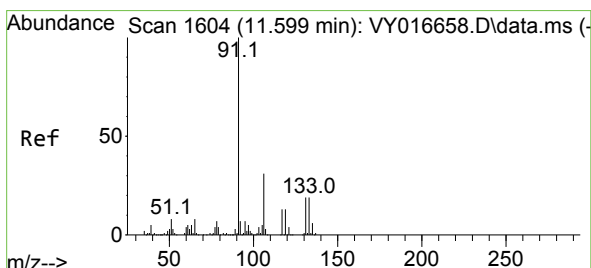
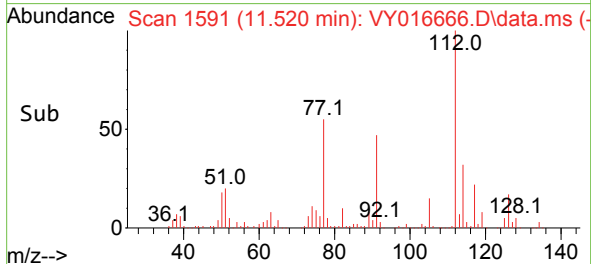
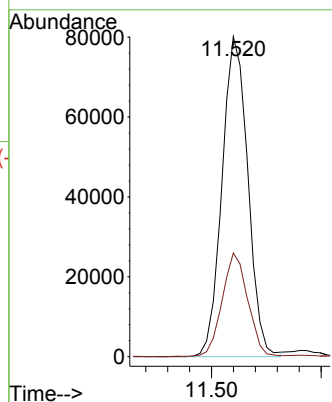
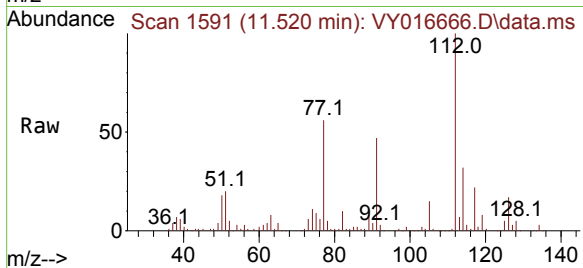




#65
Chlorobenzene
Concen: 19.003 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

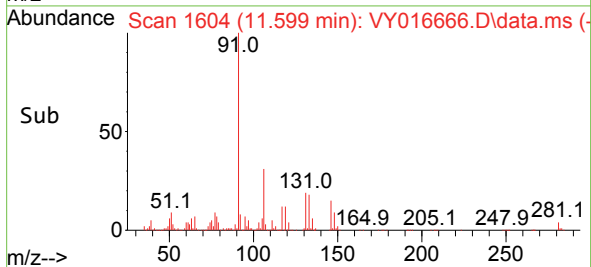
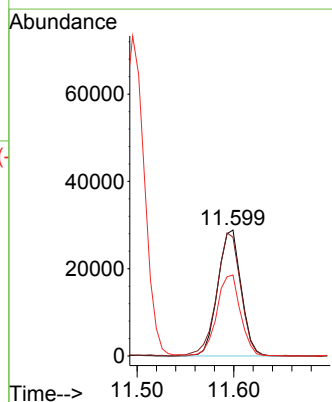
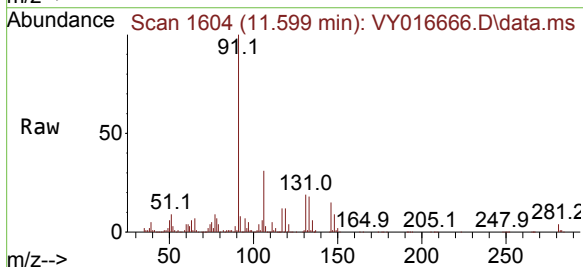
Instrument :
MSVOA_Y
ClientSampleId :

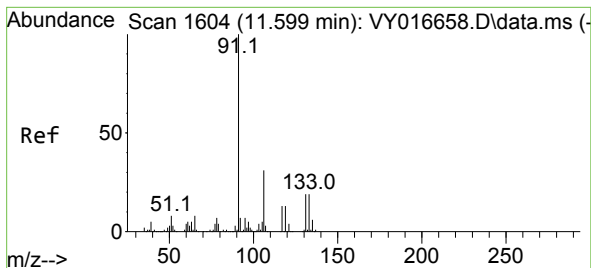
Tgt Ion:112 Resp: 131182
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.095 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:131 Resp: 48207
Ion Ratio Lower Upper
131 100
133 101.1 47.5 142.6
119 65.7 31.6 94.7





#67

Ethyl Benzene

Concen: 19.027 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

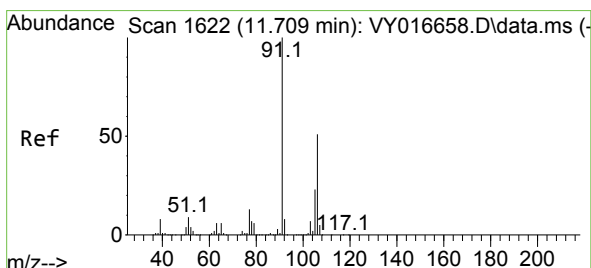
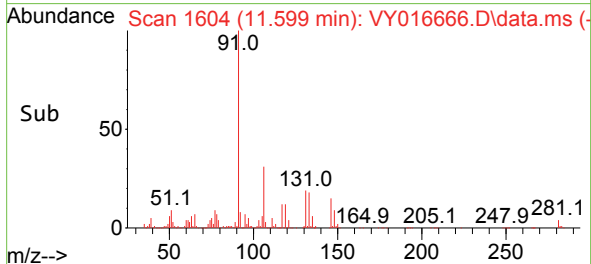
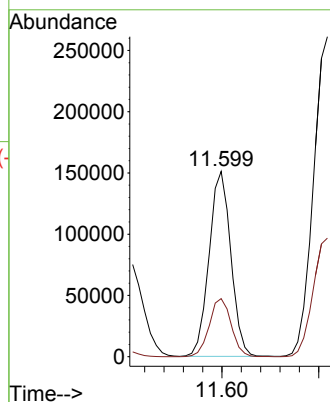
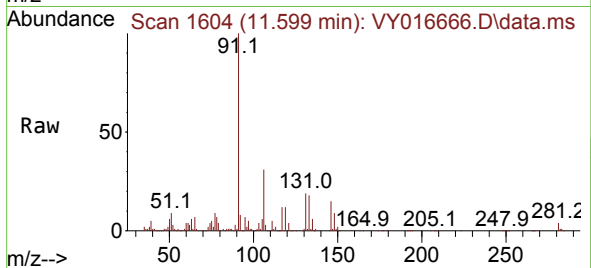
ClientSampleId :

Tgt Ion: 91 Resp: 236304

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 40.674 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016666.D

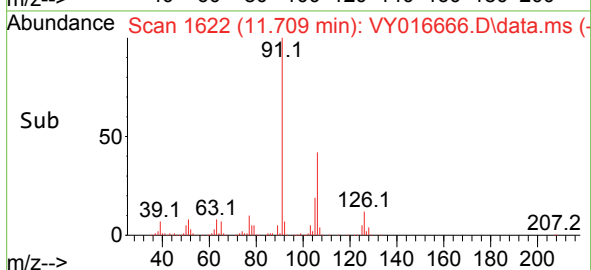
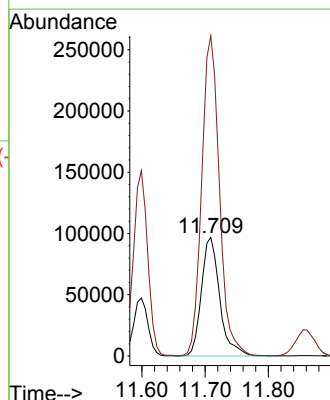
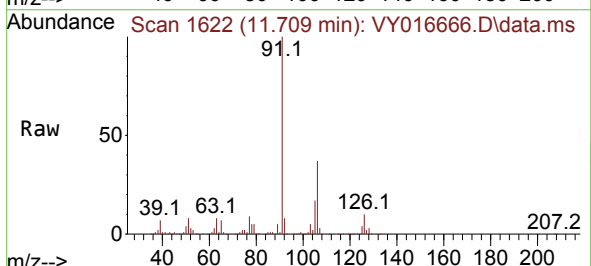
Acq: 16 Dec 2023 13:34

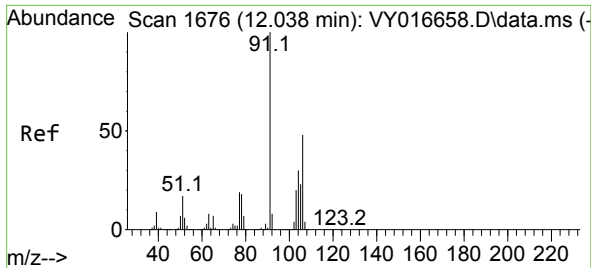
Tgt Ion:106 Resp: 194879

Ion Ratio Lower Upper

106 100

91 261.3 166.1 249.1#

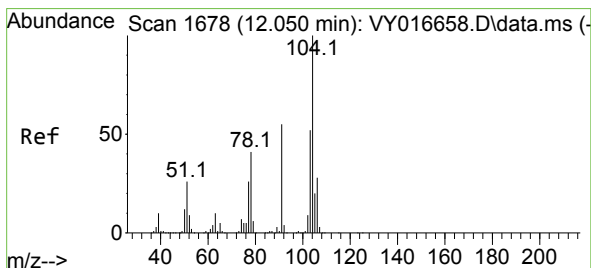
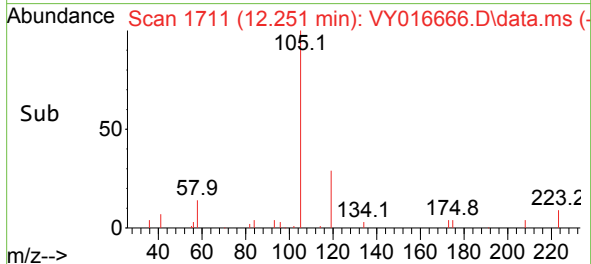
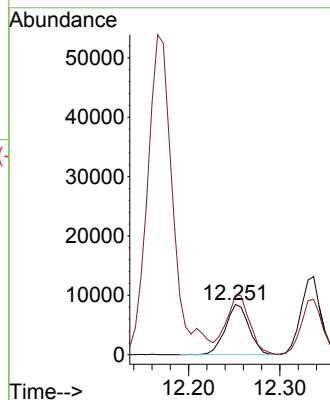
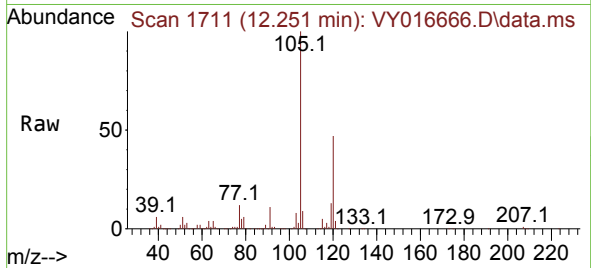




#69
o-Xylene
Concen: 3.476 ug/l
RT: 12.251 min Scan# 11
Delta R.T. 0.213 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

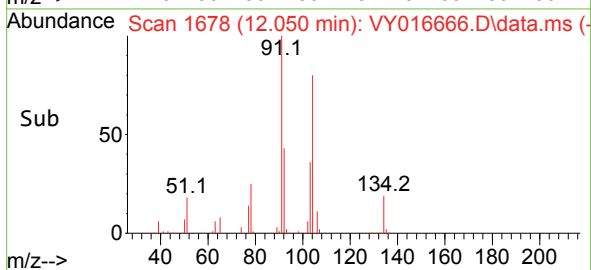
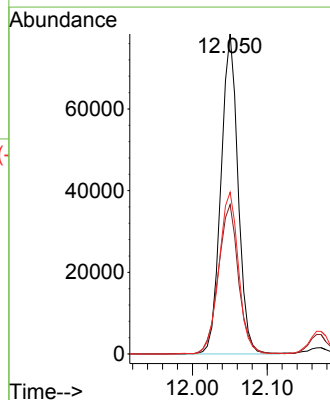
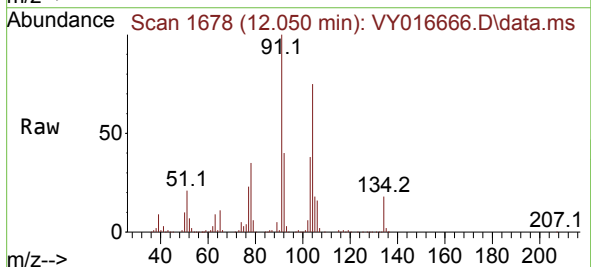
Instrument :
MSVOA_Y
ClientSampleId :

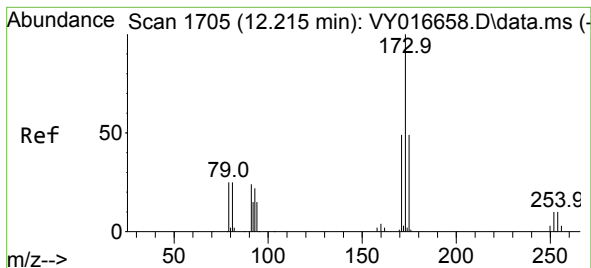
Tgt Ion:106 Resp: 15232
Ion Ratio Lower Upper
106 100
91 115.6 108.1 324.3



#70
Styrene
Concen: 19.656 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion:104 Resp: 124803
Ion Ratio Lower Upper
104 100
78 54.9 41.5 62.3
103 57.4 44.6 67.0





#71

Bromoform

Concen: 18.705 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016666.D

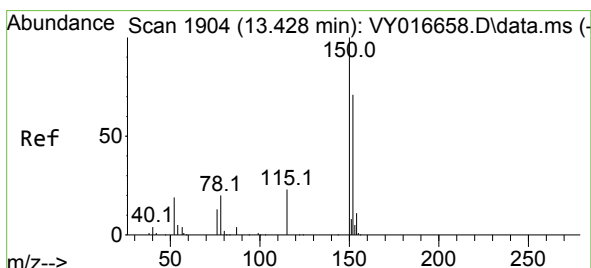
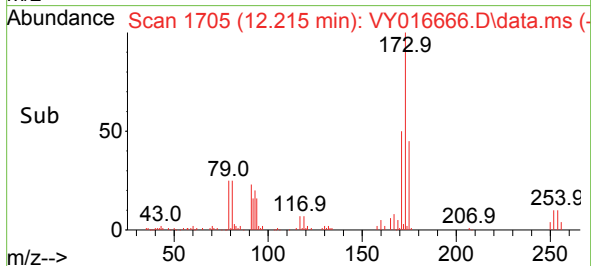
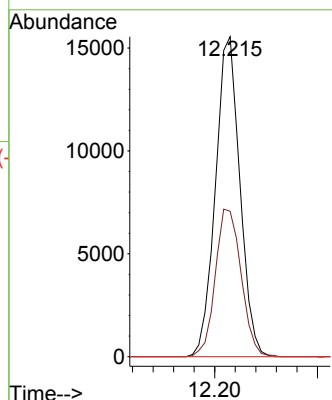
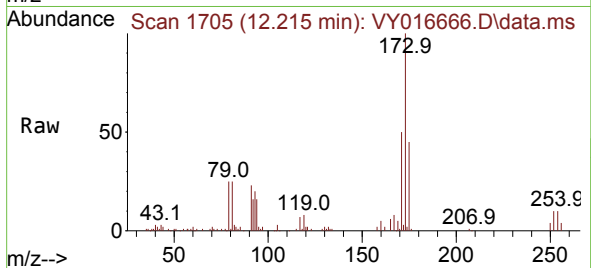
Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	25609
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

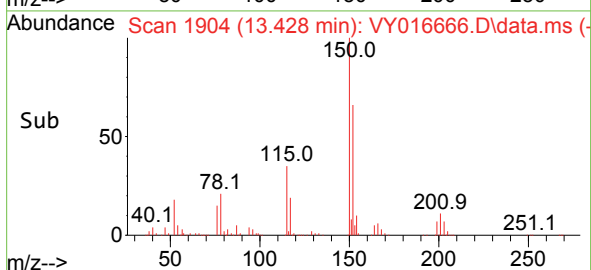
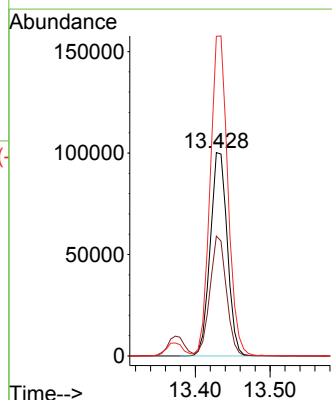
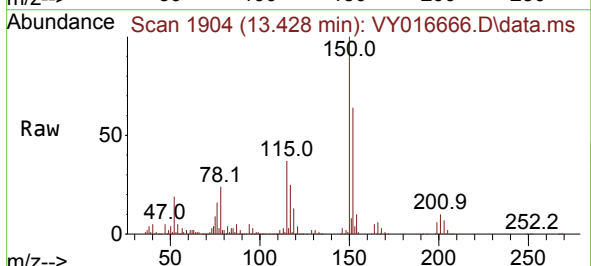
RT: 13.428 min Scan# 1904

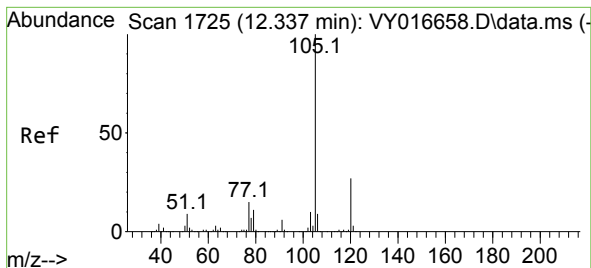
Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion:	152	Resp:	159428
Ion Ratio	Lower	Upper	
152	100		
115	57.2	28.8	86.5
150	162.5	0.0	348.8





#73

Isopropylbenzene

Concen: 19.975 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

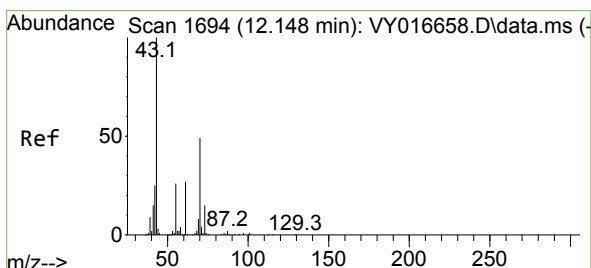
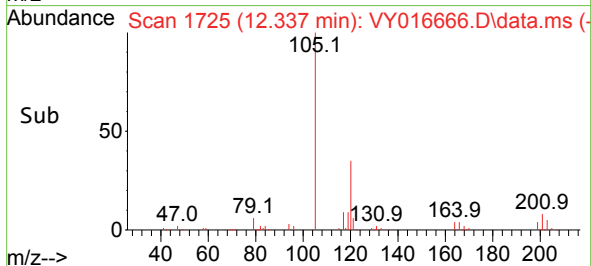
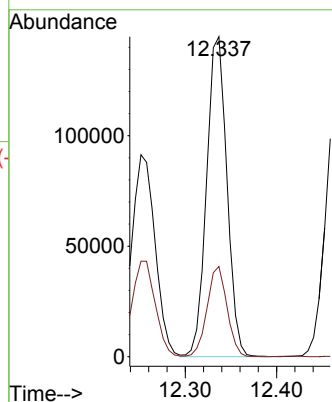
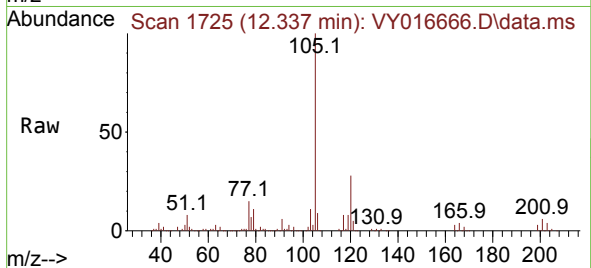
ClientSampleId :

Tgt Ion:105 Resp: 224005

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9



#74

N-ethyl acetate

Concen: 17.733 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion: 43 Resp: 37271

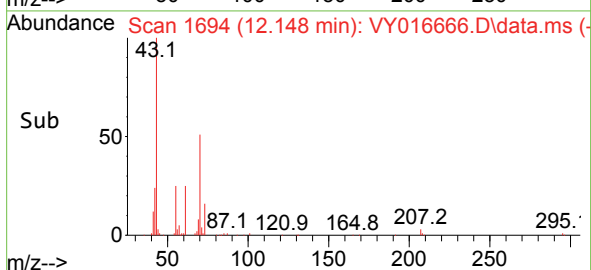
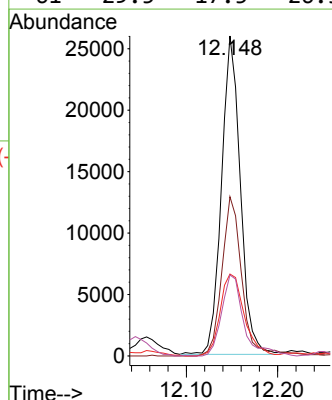
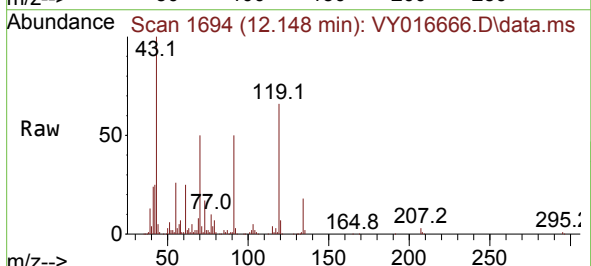
Ion Ratio Lower Upper

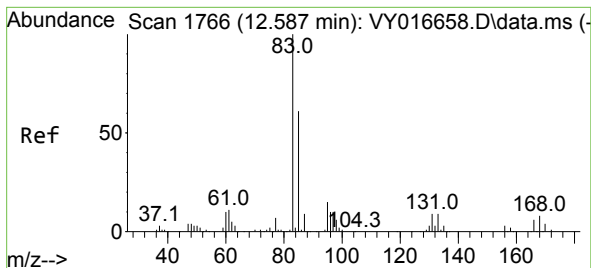
43 100

70 53.7 29.7 44.5#

55 32.8 18.3 27.5#

61 29.5 17.5 26.3#

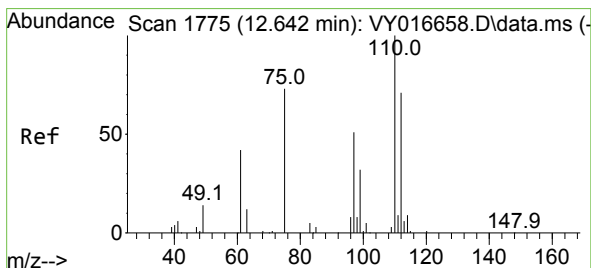
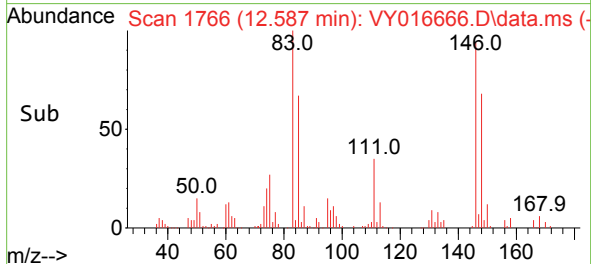
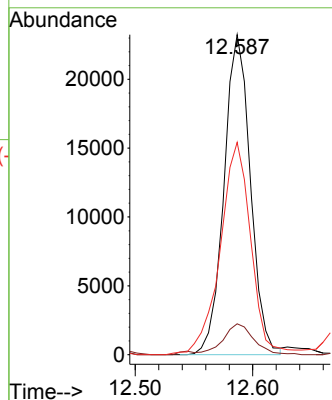
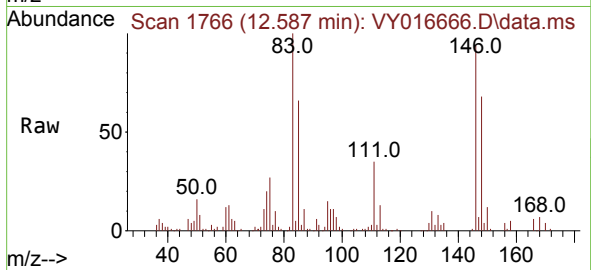




#75
1,1,2,2-Tetrachloroethane
Concen: 19.008 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

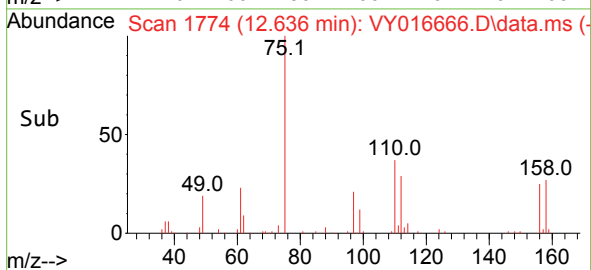
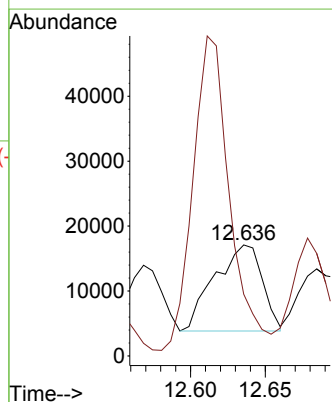
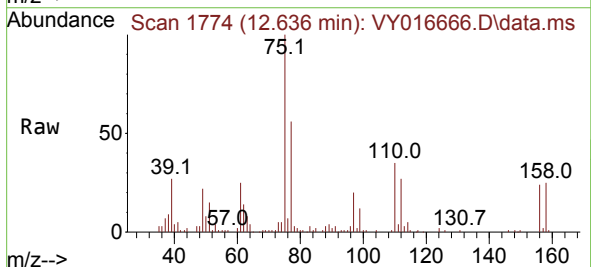
Instrument :
MSVOA_Y
ClientSampleId :

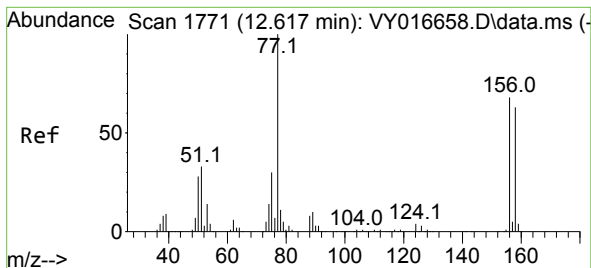
Tgt Ion: 83 Resp: 36263
Ion Ratio Lower Upper
83 100
131 11.2 5.4 16.2
85 77.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 20.138 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 75 Resp: 29408
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.550 ug/l

RT: 12.611 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

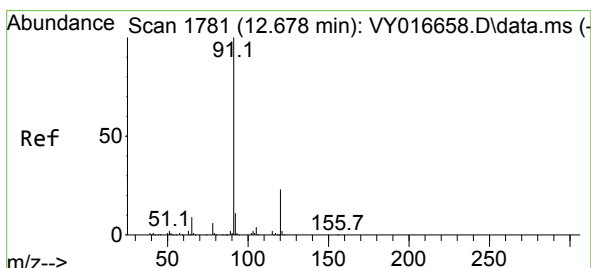
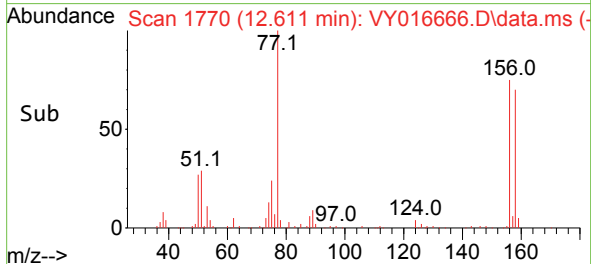
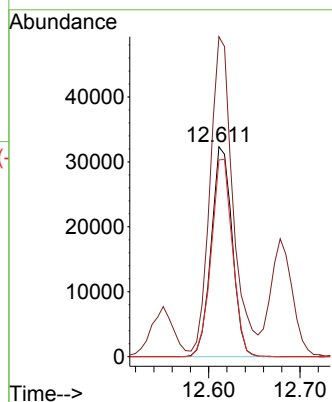
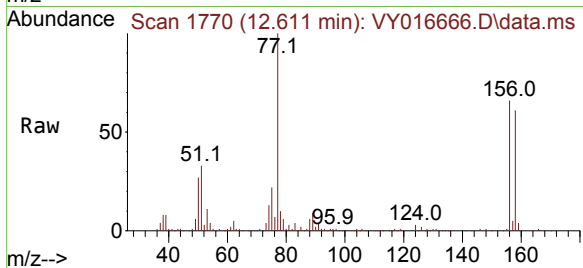
Tgt Ion:156 Resp: 51363

Ion Ratio Lower Upper

156 100

77 166.4 92.8 278.6

158 95.3 48.4 145.3



#78

n-propylbenzene

Concen: 23.608 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016666.D

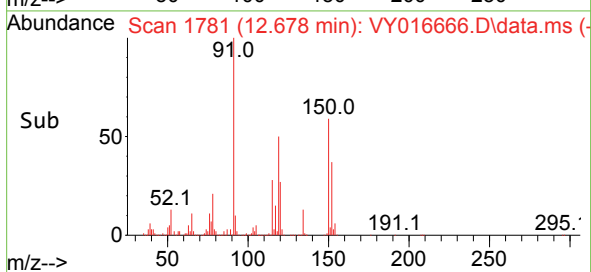
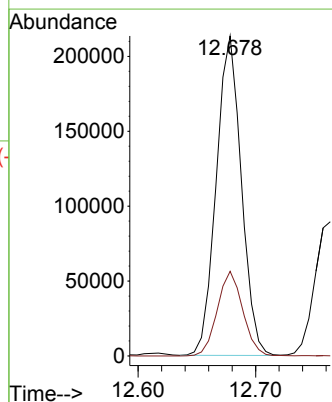
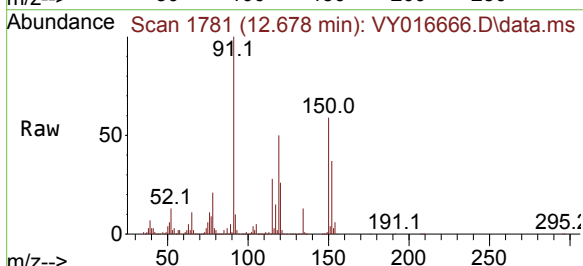
Acq: 16 Dec 2023 13:34

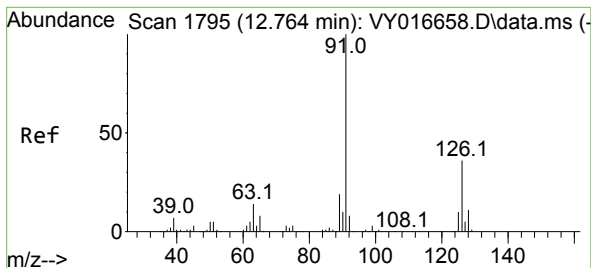
Tgt Ion: 91 Resp: 316437

Ion Ratio Lower Upper

91 100

120 26.9 11.5 34.4

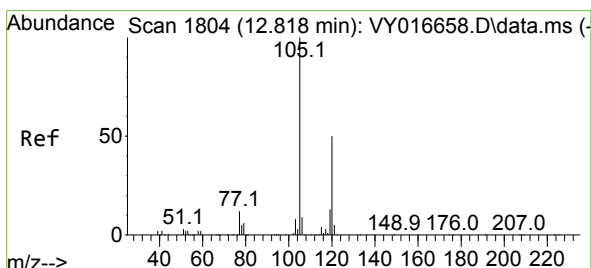
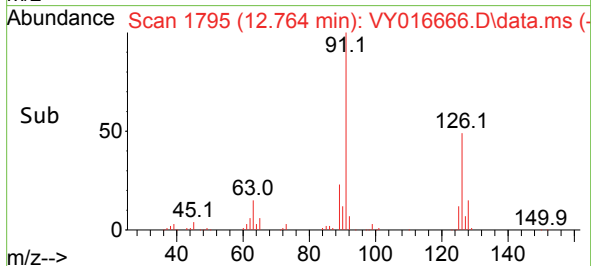
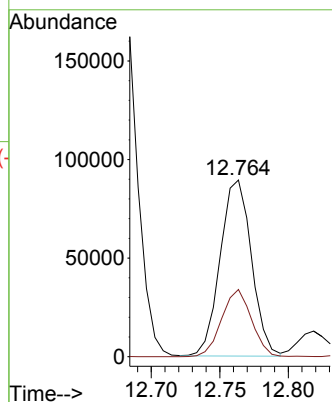
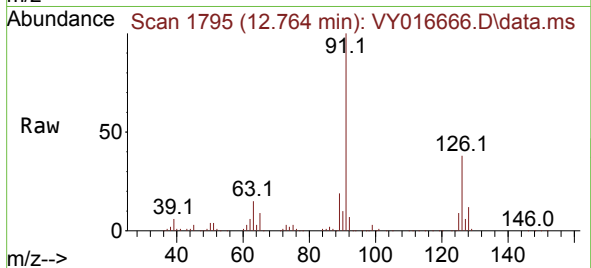




#79
2-Chlorotoluene
Concen: 19.308 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

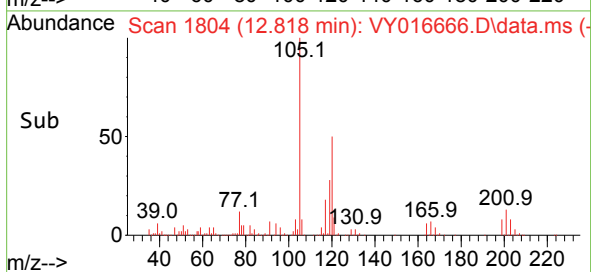
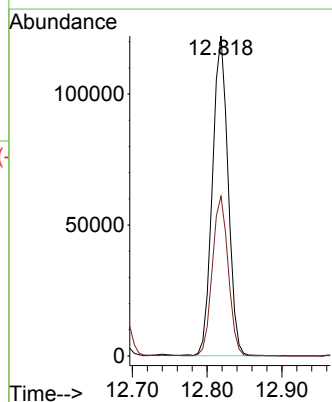
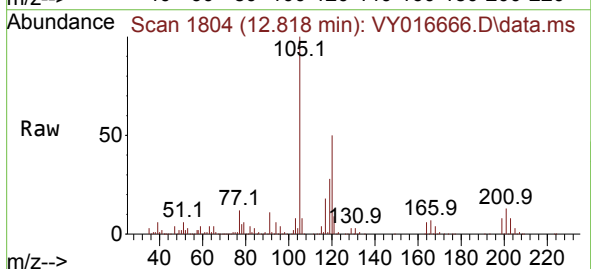
Instrument :
MSVOA_Y
ClientSampleId :

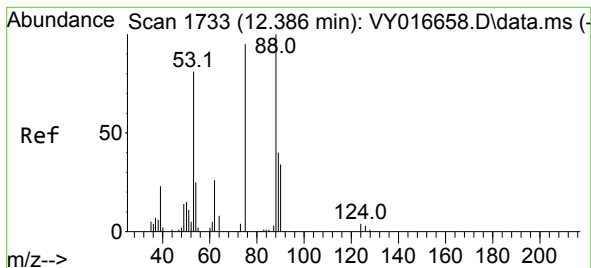
Tgt Ion: 91 Resp: 142112
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.771 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 105 Resp: 177281
Ion Ratio Lower Upper
105 100
120 50.9 23.9 71.7

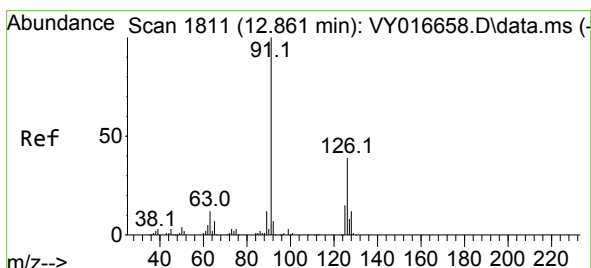
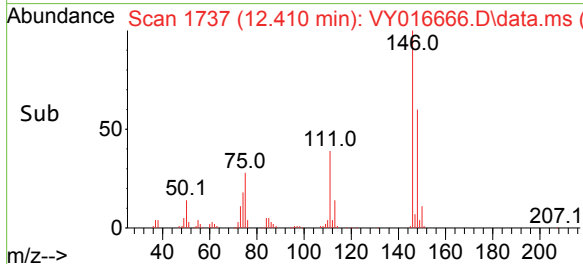
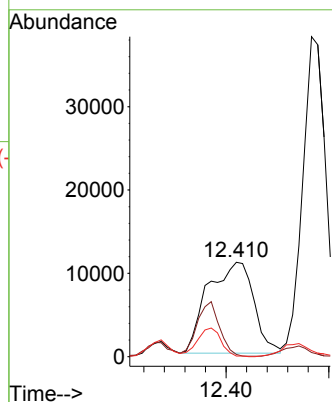
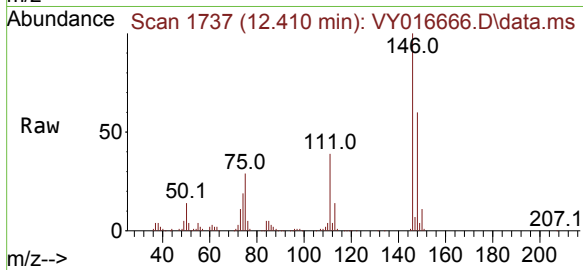




#81
trans-1,4-Dichloro-2-butene
Concen: 53.009 ug/l
RT: 12.410 min Scan# 1737
Delta R.T. 0.024 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

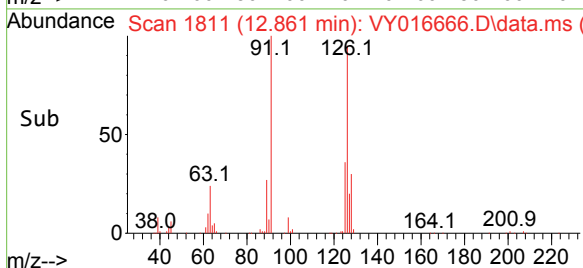
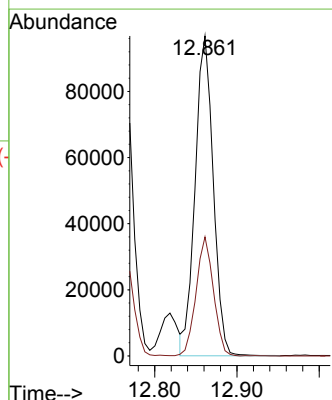
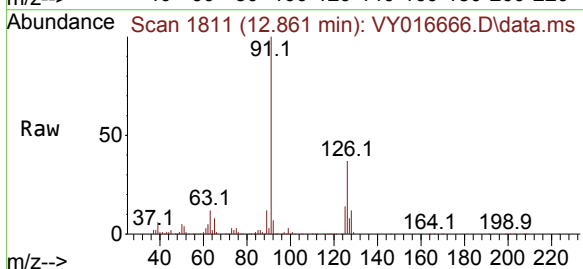
Instrument :
MSVOA_Y
ClientSampleId :

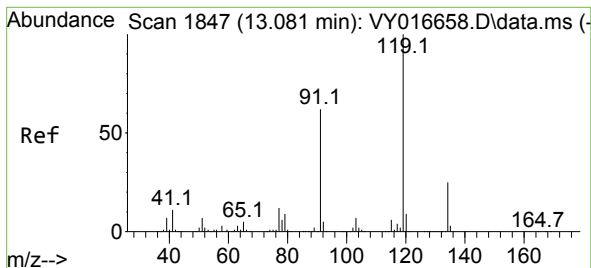
Tgt Ion: 75 Resp: 33875
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#



#82
4-Chlorotoluene
Concen: 19.415 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 91 Resp: 147775
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.788 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

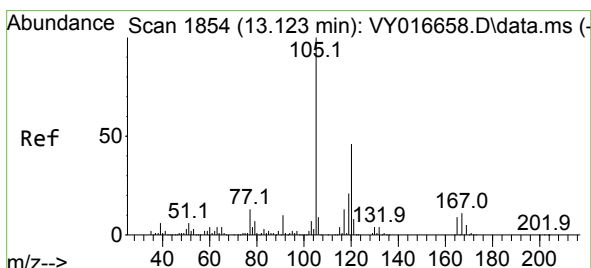
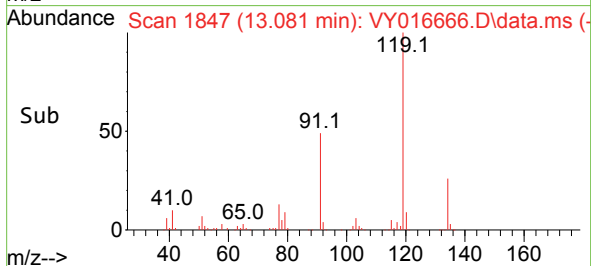
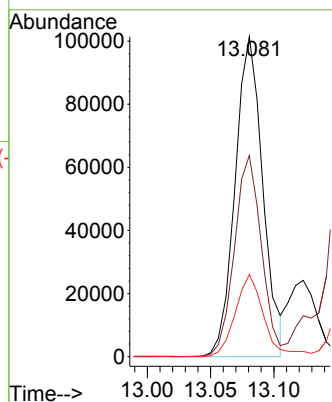
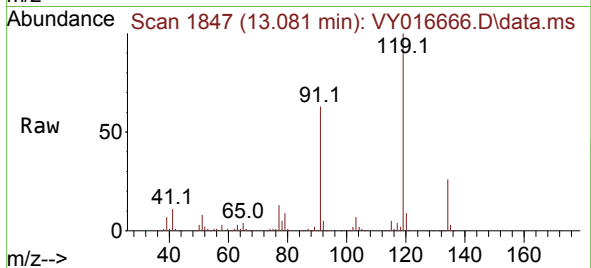
Tgt Ion:119 Resp: 154821

Ion Ratio Lower Upper

119 100

91 60.9 32.9 98.6

134 26.4 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.355 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. -0.000 min

Lab File: VY016666.D

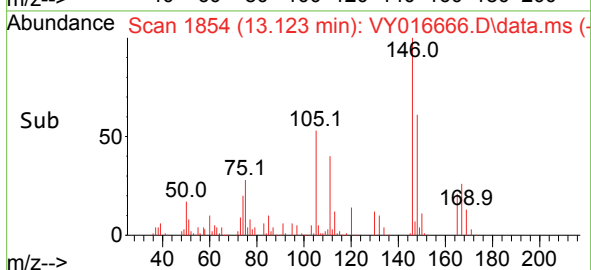
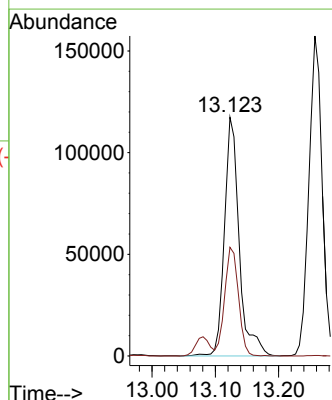
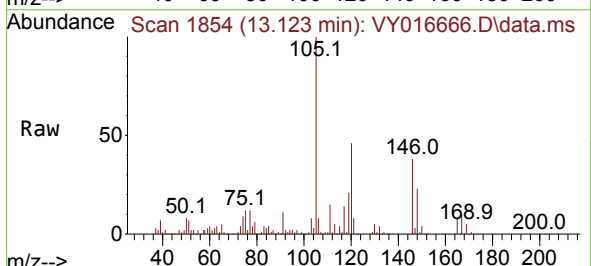
Acq: 16 Dec 2023 13:34

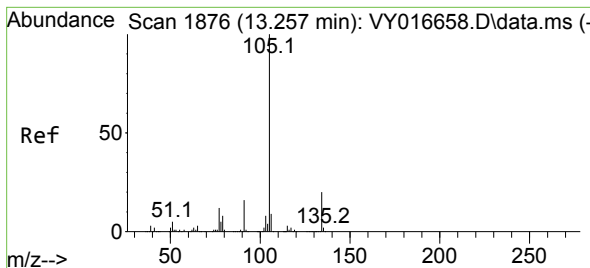
Tgt Ion:105 Resp: 189910

Ion Ratio Lower Upper

105 100

120 42.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.812 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

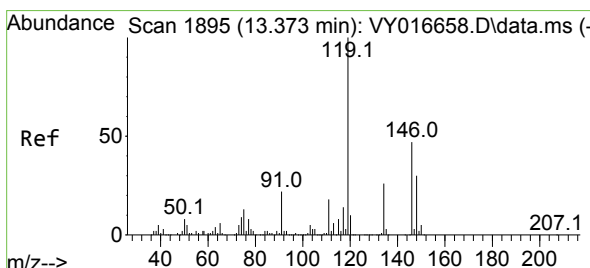
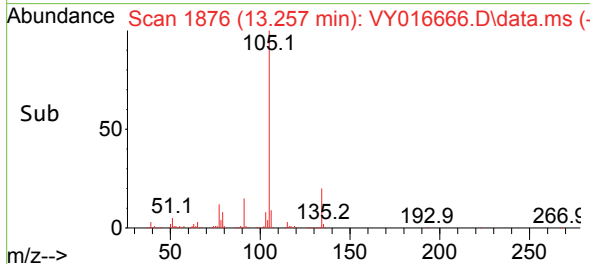
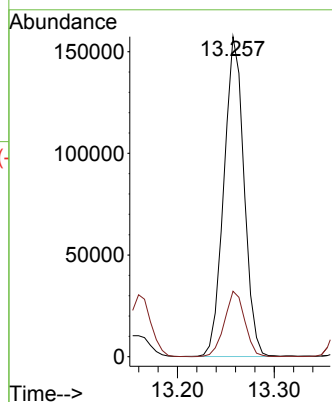
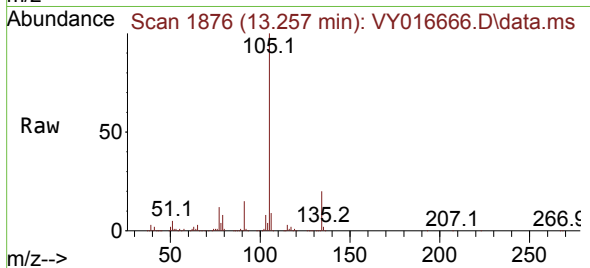
ClientSampleId :

Tgt Ion:105 Resp: 227458

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.838 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

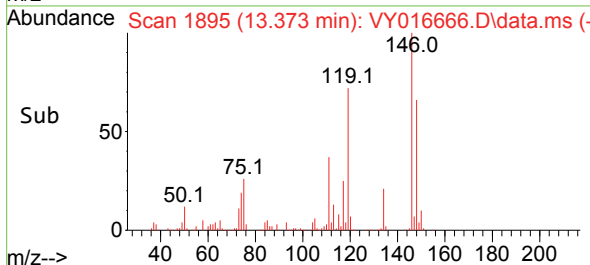
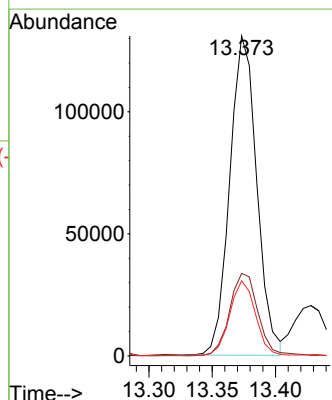
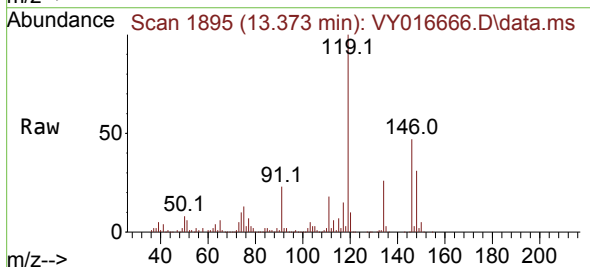
Tgt Ion:119 Resp: 194453

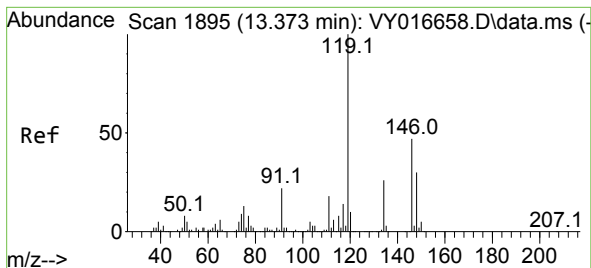
Ion Ratio Lower Upper

119 100

134 27.5 13.3 39.8

91 22.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.310 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

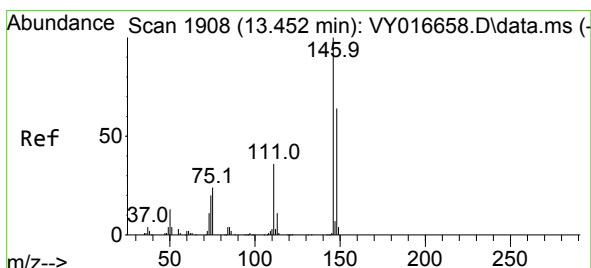
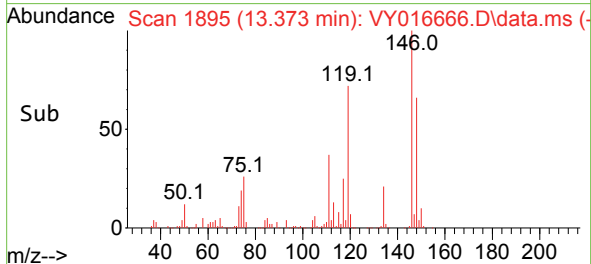
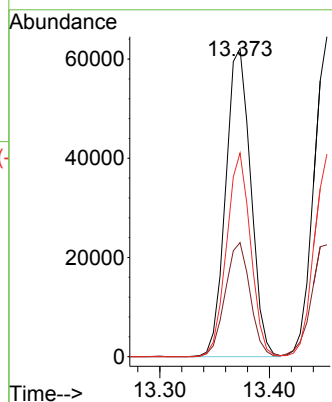
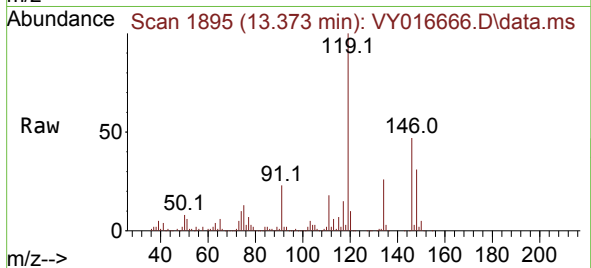
Tgt Ion:146 Resp: 98605

Ion Ratio Lower Upper

146 100

111 36.9 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.387 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

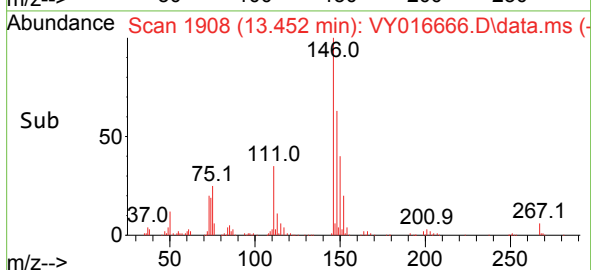
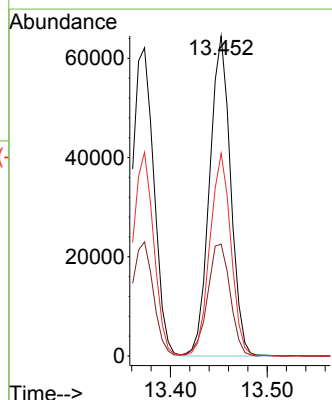
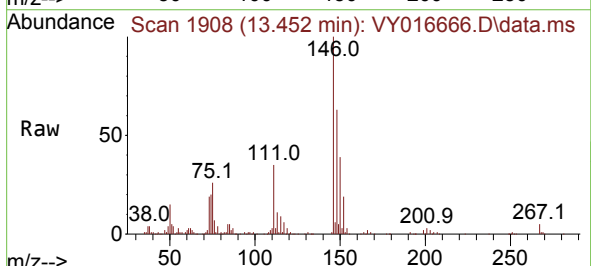
Tgt Ion:146 Resp: 97346

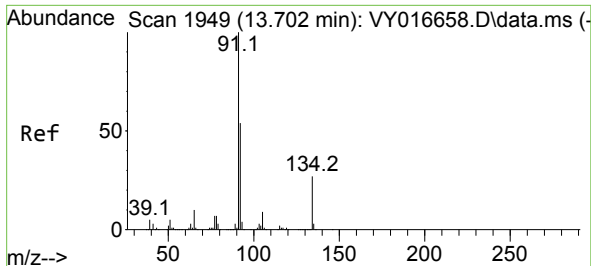
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

148 63.2 32.1 96.5

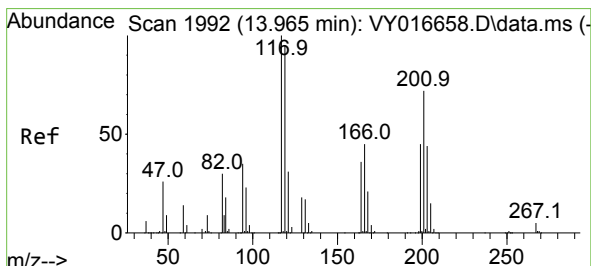
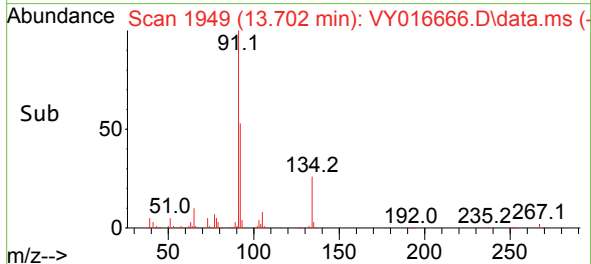
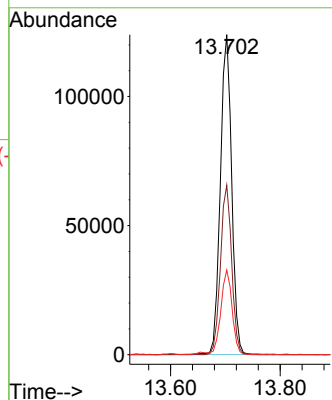
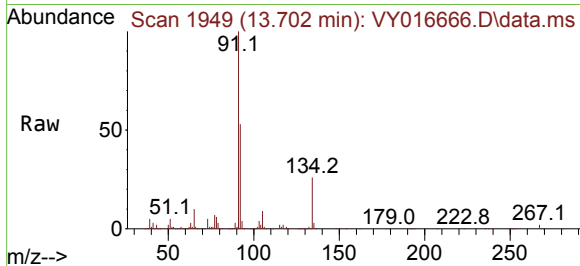




#89
n-Butylbenzene
Concen: 19.440 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

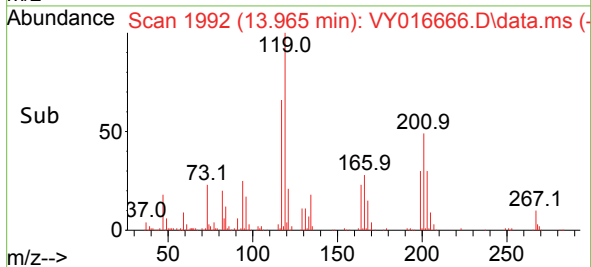
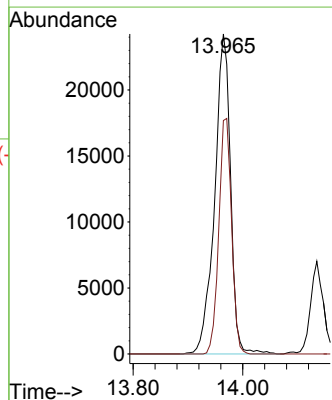
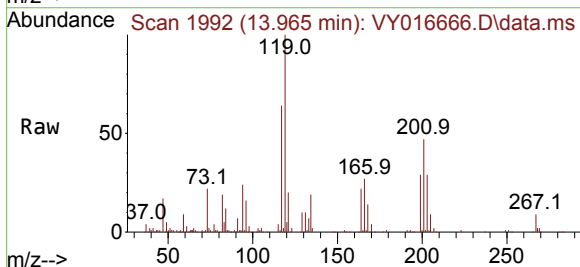
Instrument :
MSVOA_Y
ClientSampleId :

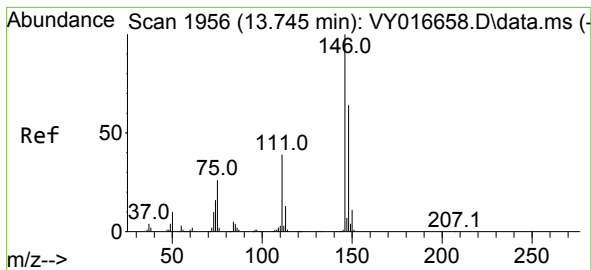
Tgt Ion: 91 Resp: 177020
Ion Ratio Lower Upper
91 100
92 52.7 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 24.955 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion: 117 Resp: 48686
Ion Ratio Lower Upper
117 100
201 59.1 41.6 124.8

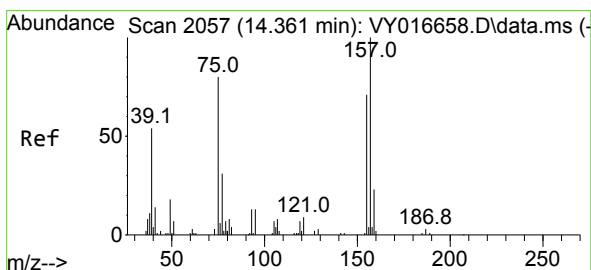
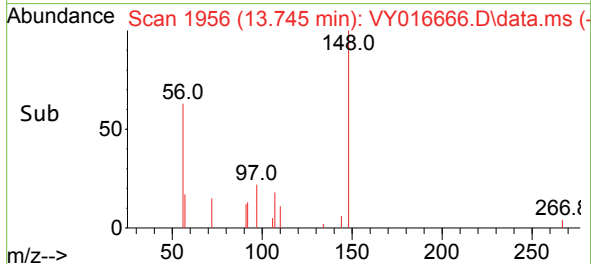
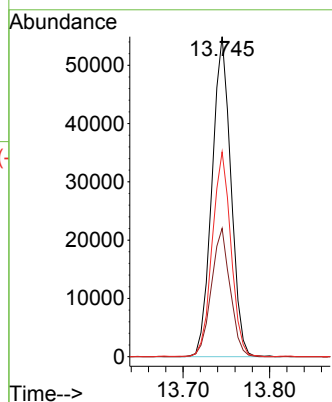
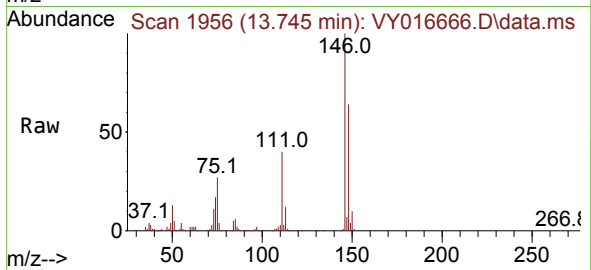




#91
1,2-Dichlorobenzene
Concen: 19.006 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

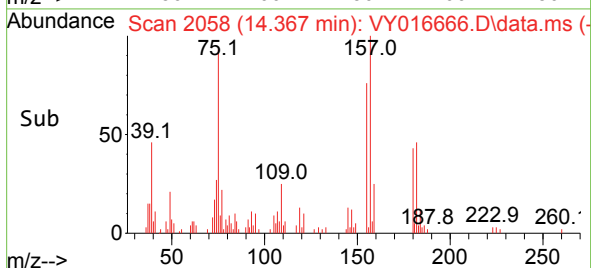
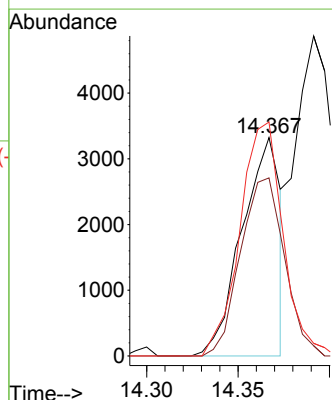
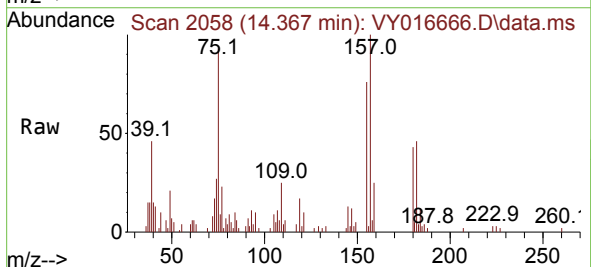
Instrument :
MSVOA_Y
ClientSampleId :

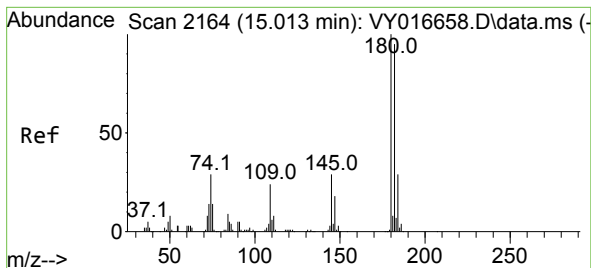
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.0
148	63.3	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 17.717 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VY016666.D
Acq: 16 Dec 2023 13:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.7	41.5	124.6
157	119.1	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.832 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

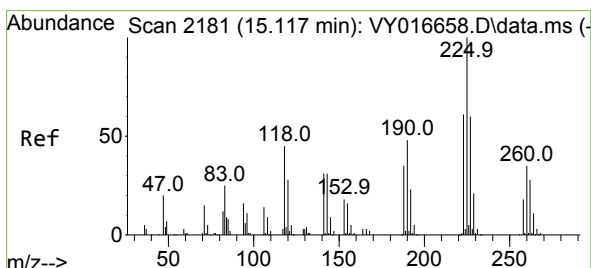
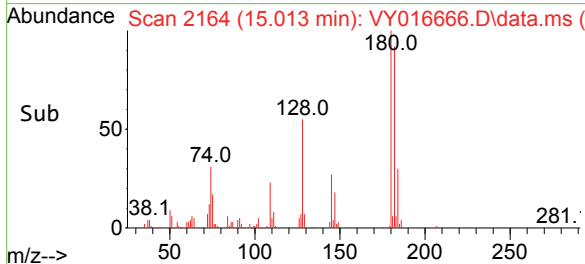
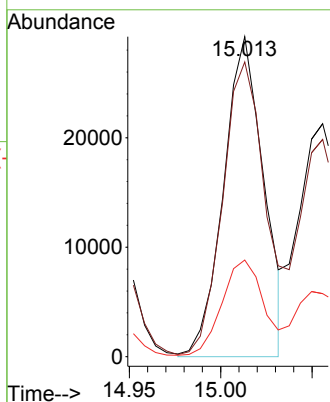
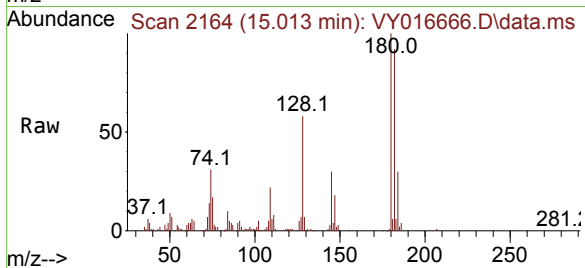
Tgt Ion:180 Resp: 44573

Ion Ratio Lower Upper

180 100

182 103.0 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.095 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

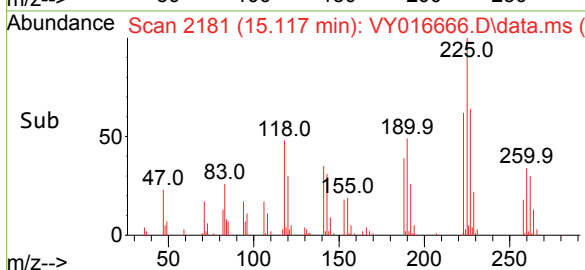
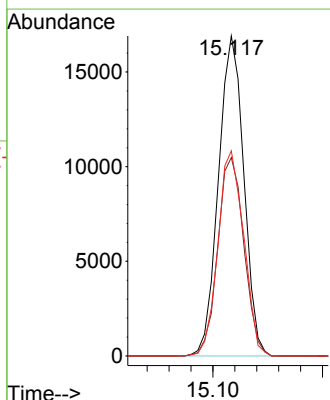
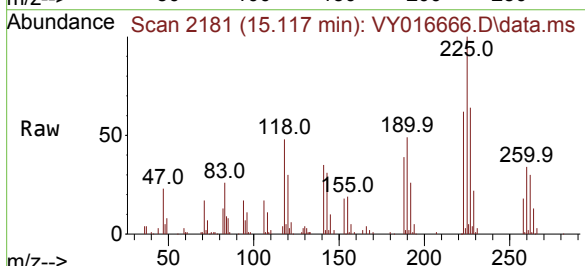
Tgt Ion:225 Resp: 27127

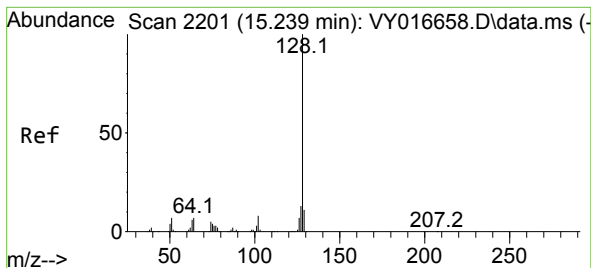
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 65.1 33.0 98.9





#95

Naphthalene

Concen: 20.054 ug/l

RT: 15.239 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016666.D

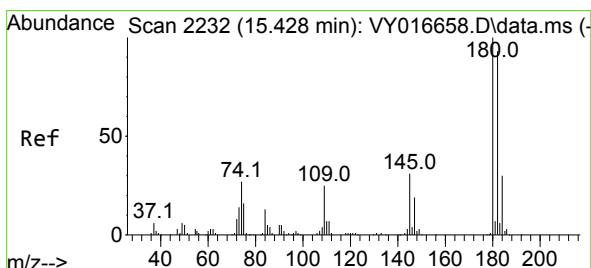
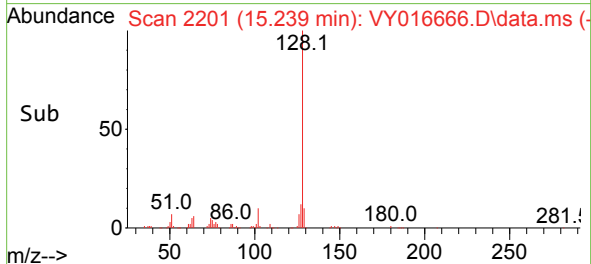
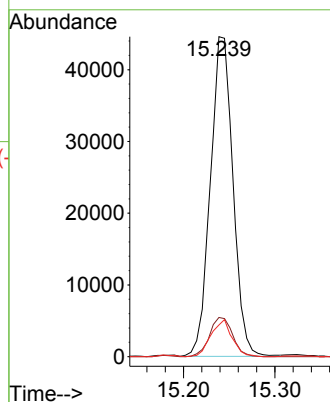
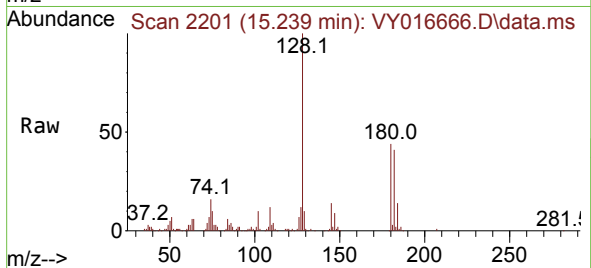
Acq: 16 Dec 2023 13:34

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	76866
Ion Ratio	Lower	Upper
128	100	
127	12.5	10.8 16.2
129	10.8	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.221 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. -0.000 min

Lab File: VY016666.D

Acq: 16 Dec 2023 13:34

Tgt Ion:180	Resp:	35549
Ion Ratio	Lower	Upper
180	100	
182	96.2	47.3 141.8
145	31.1	15.4 46.2

