

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016580.D
 Acq On : 04 Dec 2023 16:33
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120423

Quant Time: Dec 05 01:28:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	233042	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	347844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	290609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	130668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	97453	45.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.728	113	102452	48.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.191	98	395253	49.917	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.496	95	125190	48.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	99562	48.365	ug/l	96
3) Chloromethane	2.119	50	101985	47.757	ug/l	98
4) Vinyl Chloride	2.260	62	106761	49.505	ug/l	96
5) Bromomethane	2.662	94	66967	49.573	ug/l	96
6) Chloroethane	2.802	64	66337	49.799	ug/l	96
7) Trichlorofluoromethane	3.137	101	205652	50.444	ug/l	98
8) Diethyl Ether	3.540	74	50167	44.183	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.912	101	113513	49.790	ug/l	100
10) Methyl Iodide	4.107	142	127183	52.799	ug/l	98
11) Tert butyl alcohol	4.960	59	30392	207.092	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	105719	51.046	ug/l	90
13) Acrolein	3.741	56	44989	210.863	ug/l	98
14) Allyl chloride	4.491	41	156656	49.565	ug/l	96
15) Acrylonitrile	5.174	53	95126	207.573	ug/l	98
16) Acetone	3.954	43	89477	183.575	ug/l	90
17) Carbon Disulfide	4.210	76	294141	50.657	ug/l	98
18) Methyl Acetate	4.485	43	84604	43.790	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	232651	45.698	ug/l	97
20) Methylene Chloride	4.729	84	106579	49.571	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	116989	50.232	ug/l	98
22) Diisopropyl ether	6.131	45	313742	48.266	ug/l	89
23) Vinyl Acetate	6.070	43	692236	221.834	ug/l	95
24) 1,1-Dichloroethane	6.033	63	196641	49.241	ug/l	96
25) 2-Butanone	7.003	43	126238	188.350	ug/l	95
26) 2,2-Dichloropropane	6.996	77	189336	50.432	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	125726	49.043	ug/l	95
28) Bromochloromethane	7.350	49	71157	43.990	ug/l	86
29) Tetrahydrofuran	7.362	42	78768	206.133	ug/l	93
30) Chloroform	7.521	83	204600	48.063	ug/l	96
31) Cyclohexane	7.801	56	175859	47.826	ug/l	93
32) 1,1,1-Trichloroethane	7.716	97	201825	50.097	ug/l	97
36) 1,1-Dichloropropene	7.929	75	163122	51.262	ug/l	98
37) Ethyl Acetate	7.082	43	56946	42.768	ug/l	97
38) Carbon Tetrachloride	7.917	117	190016	51.581	ug/l	97
39) Methylcyclohexane	9.197	83	203198	53.001	ug/l	95
40) Benzene	8.173	78	444000	49.503	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	24758	32.194	ug/l	88
42) 1,2-Dichloroethane	8.252	62	118720	45.585	ug/l	97
43) Isopropyl Acetate	8.283	43	113836	44.318	ug/l	92
44) Trichloroethene	8.953	130	134486	49.720	ug/l	96
45) 1,2-Dichloropropane	9.228	63	103883	48.108	ug/l	99
46) Dibromomethane	9.319	93	53424	45.130	ug/l	97
47) Bromodichloromethane	9.508	83	150060	47.615	ug/l	98
48) Methyl methacrylate	9.307	41	65301	44.020	ug/l	91
49) 1,4-Dioxane	9.313	88	10739	896.267	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	285267	213.701	ug/l	95
52) Toluene	10.258	92	284845	50.671	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	138879	46.694	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	167109	47.840	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	74960	45.458	ug/l	95
56) Ethyl methacrylate	10.520	69	69000	45.650	ug/l	90
57) 1,3-Dichloropropane	10.801	76	127441	45.749	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	213568	229.277	ug/l	92
59) 2-Hexanone	10.843	43	199230	197.292	ug/l	93
60) Dibromochloromethane	10.996	129	100612	45.665	ug/l	99
61) 1,2-Dibromoethane	11.099	107	69262	44.657	ug/l	99
64) Tetrachloroethene	10.734	164	135961	51.049	ug/l	98
65) Chlorobenzene	11.532	112	298638	50.736	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	113924	49.520	ug/l	100
67) Ethyl Benzene	11.605	91	550805	52.178	ug/l	98
68) m/p-Xylenes	11.715	106	419546	104.692	ug/l	94
69) o-Xylene	12.044	106	192823	51.543	ug/l	98
70) Styrene	12.057	104	275621	51.350	ug/l	99
71) Bromoform	12.221	173	58346	46.968	ug/l #	96
73) Isopropylbenzene	12.343	105	547877	56.625	ug/l	100
74) N-amyl acetate	12.154	43	89652	46.468	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	72096	46.848	ug/l	100
76) 1,2,3-Trichloropropane	12.648	75	98553	83.494	ug/l #	100
77) Bromobenzene	12.624	156	119639	52.465	ug/l	90
78) n-propylbenzene	12.684	91	629952	55.938	ug/l	98
79) 2-Chlorotoluene	12.770	91	342149	53.915	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	433662	55.159	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	24569	46.954	ug/l	96
82) 4-Chlorotoluene	12.867	91	352617	53.699	ug/l	99
83) tert-Butylbenzene	13.087	119	391219	55.694	ug/l	99
84) 1,2,4-Trimethylbenzene	13.136	105	423081	55.093	ug/l	98
85) sec-Butylbenzene	13.264	105	554759	56.230	ug/l	99
86) p-Isopropyltoluene	13.379	119	481913	56.271	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	227208	52.196	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	219319	51.338	ug/l	99
89) n-Butylbenzene	13.709	91	431014	55.963	ug/l	95
90) Hexachloroethane	13.977	117	90390	53.641	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	189264	50.642	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10282	41.751	ug/l	83
93) 1,2,4-Trichlorobenzene	15.019	180	105172	49.870	ug/l	98
94) Hexachlorobutadiene	15.123	225	69618	52.249	ug/l	97
95) Naphthalene	15.251	128	166367	49.146	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	83004	50.456	ug/l	99

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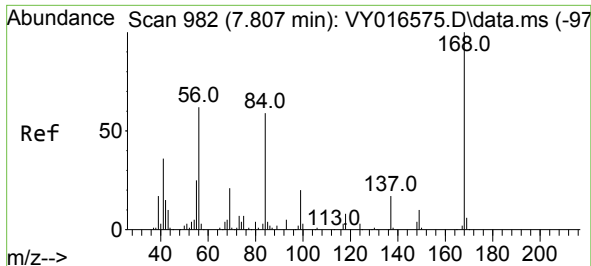
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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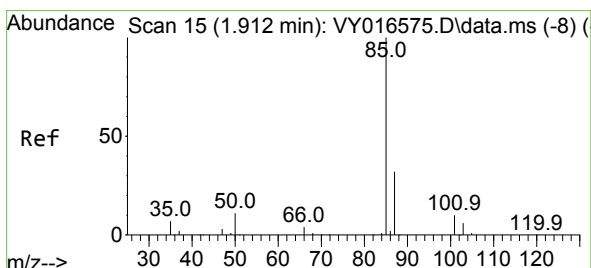
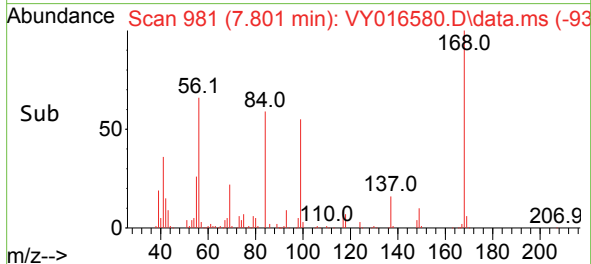
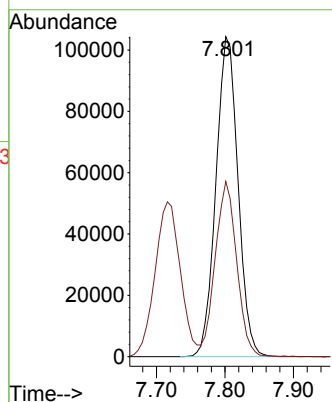
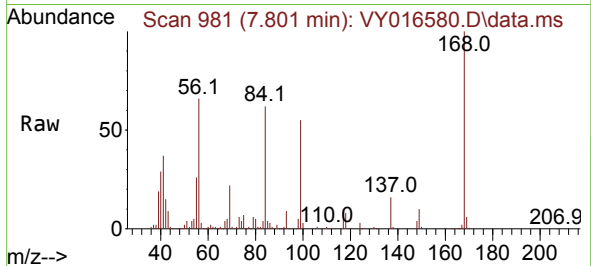




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
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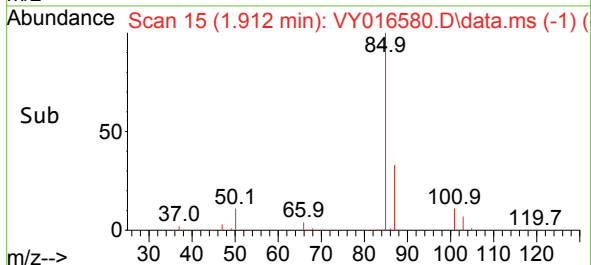
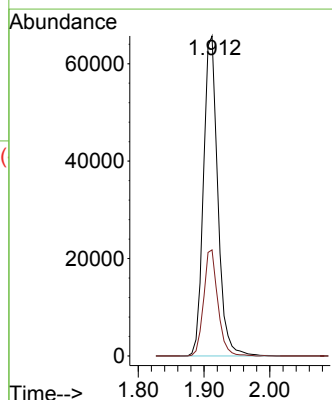
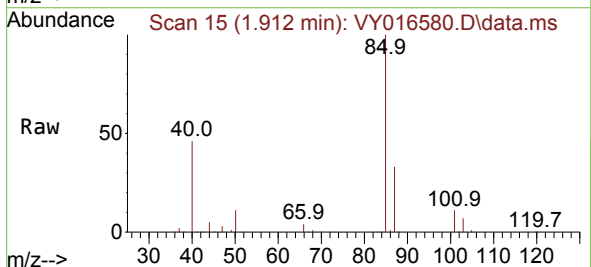
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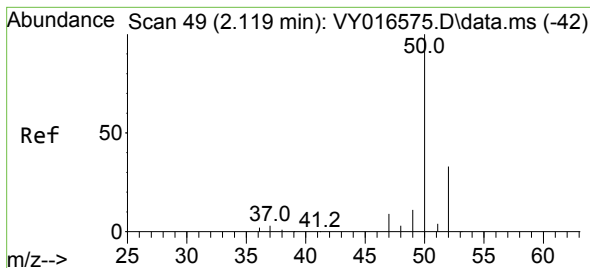
Tgt Ion:168 Resp: 233042
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 48.365 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 85 Resp: 99562
Ion Ratio Lower Upper
85 100
87 33.2 15.6 46.8





#3

Chloromethane

Concen: 47.757 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

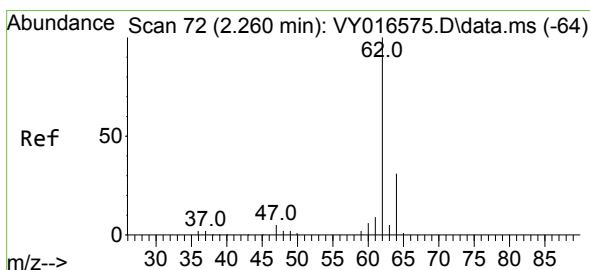
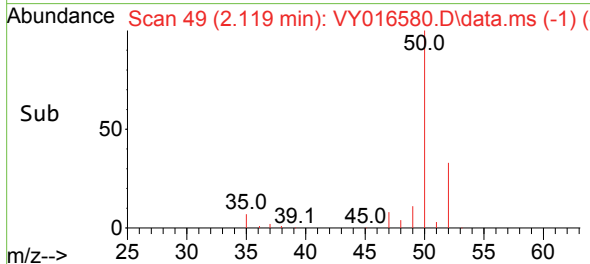
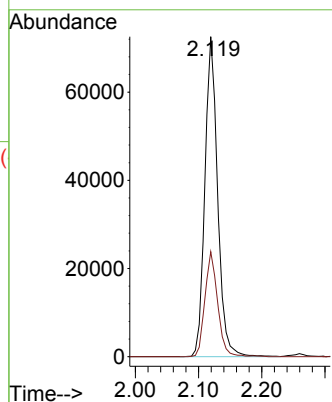
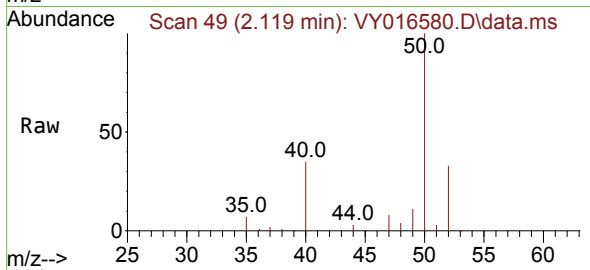
ICVVY120423

Tgt Ion: 50 Resp: 101985

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 49.505 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016580.D

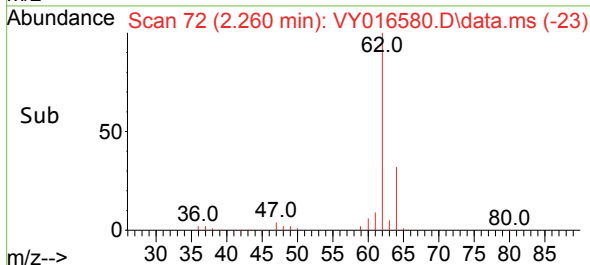
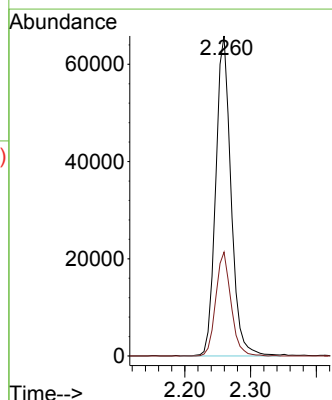
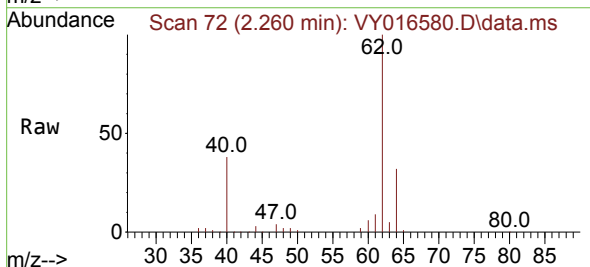
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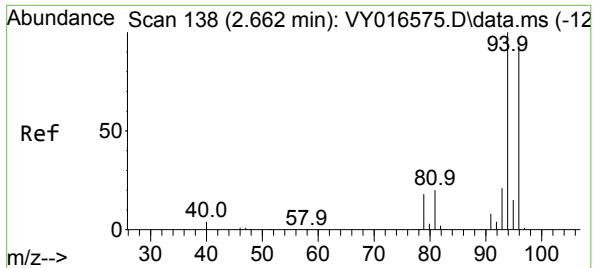
Tgt Ion: 62 Resp: 106761

Ion Ratio Lower Upper

62 100

64 32.5 24.3 36.5

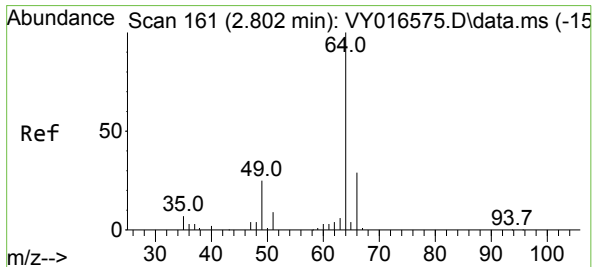
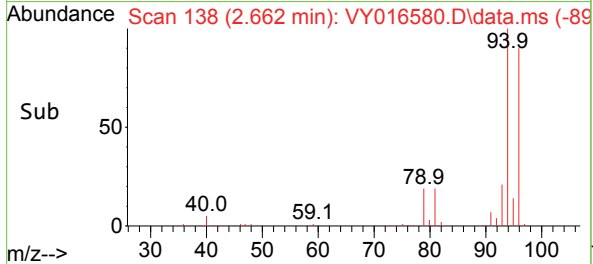
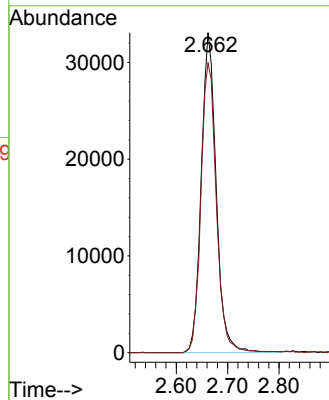
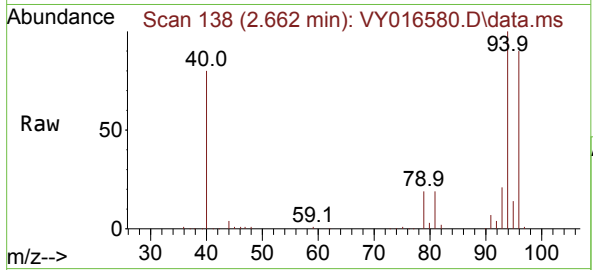




#5
Bromomethane
Concen: 49.573 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

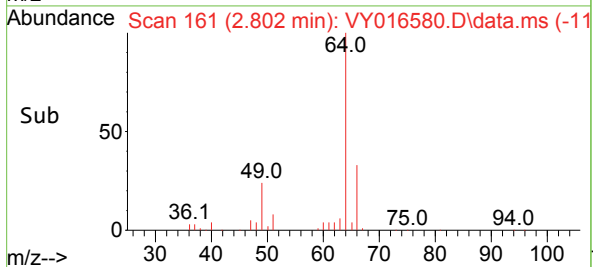
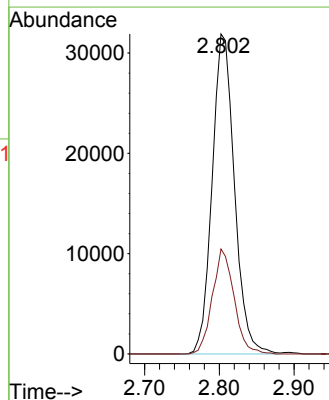
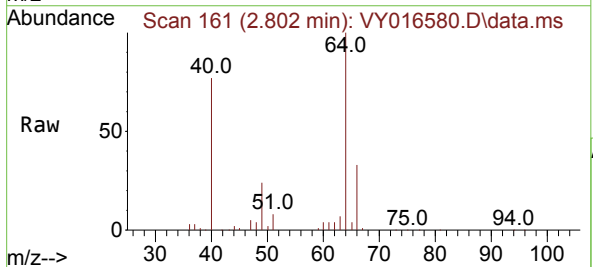
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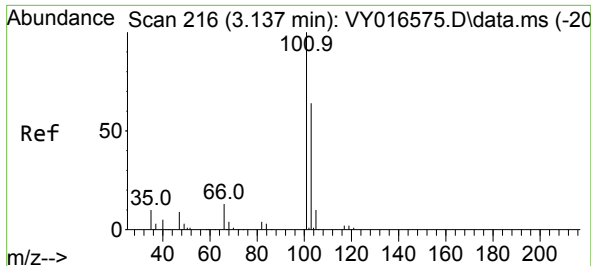
Tgt Ion: 94 Resp: 66967
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.6



#6
Chloroethane
Concen: 49.799 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 64 Resp: 66337
Ion Ratio Lower Upper
64 100
66 32.8 24.4 36.6

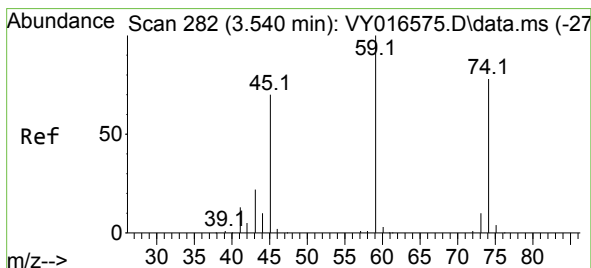
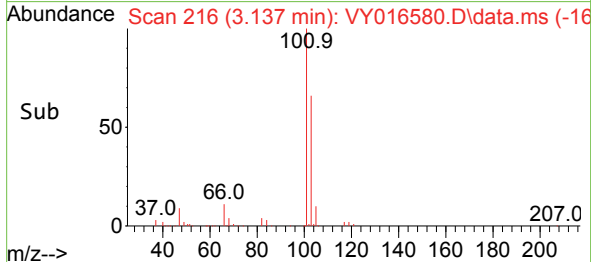
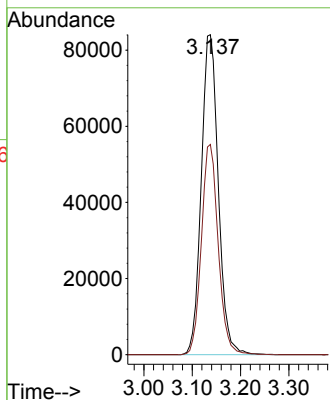
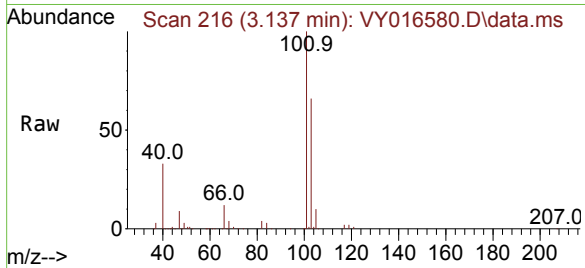




#7
 Trichlorofluoromethane
 Concen: 50.444 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

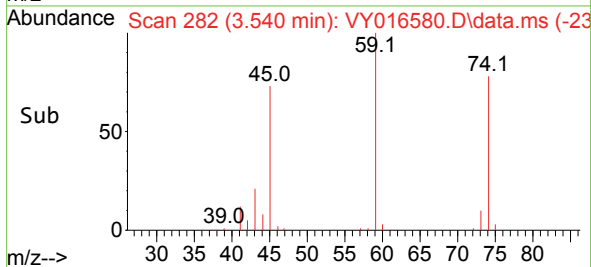
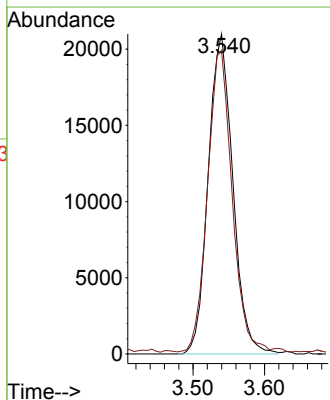
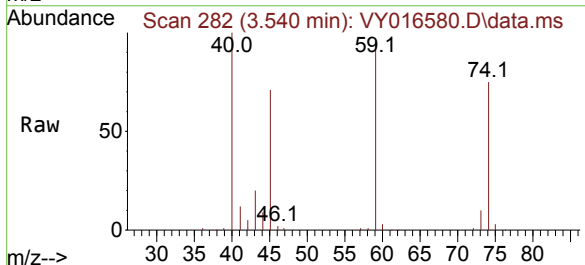
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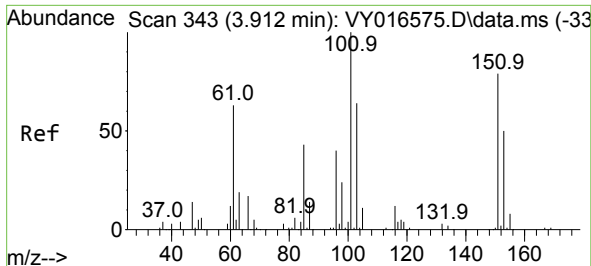
Tgt Ion:101 Resp: 205652
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.4 77.0



#8
 Diethyl Ether
 Concen: 44.183 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016580.D
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Tgt Ion: 74 Resp: 50167
 Ion Ratio Lower Upper
 74 100
 45 94.5 51.5 154.5

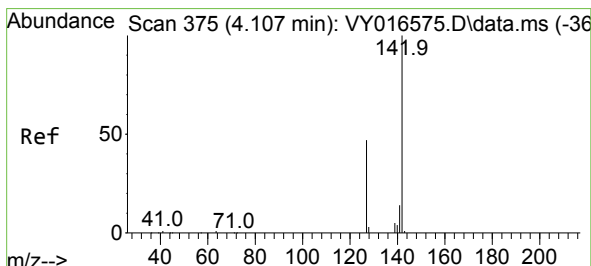
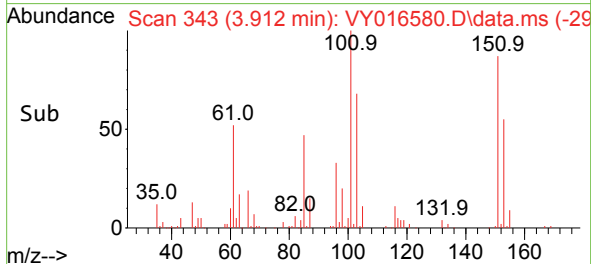
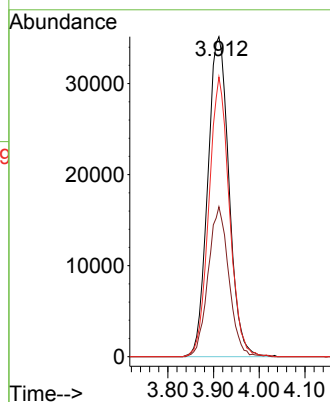
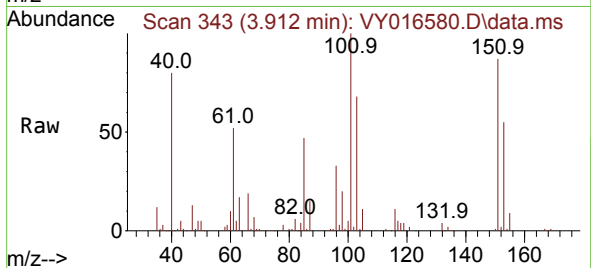




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.790 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

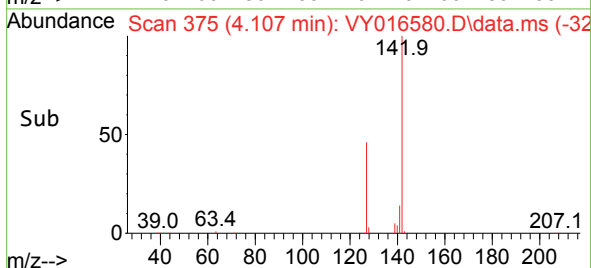
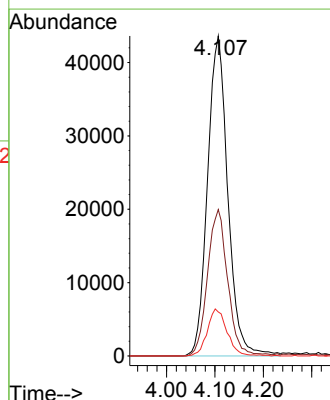
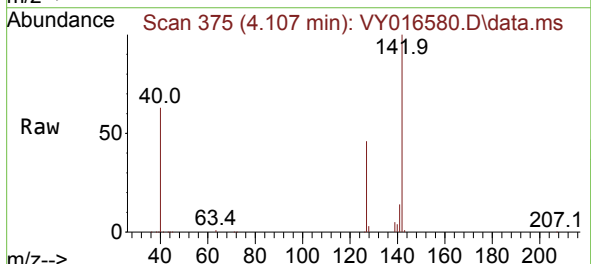
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

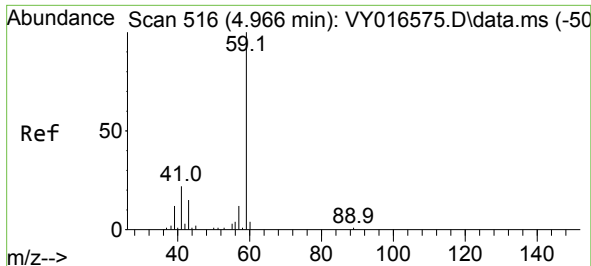
Tgt Ion:101 Resp: 113513
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 84.2 67.0 100.6



#10
Methyl Iodide
Concen: 52.799 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:142 Resp: 127183
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8

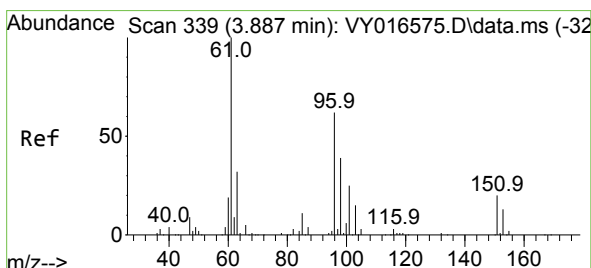
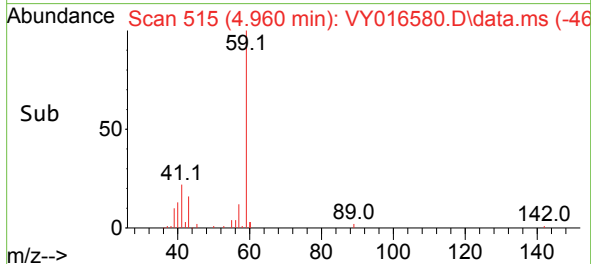
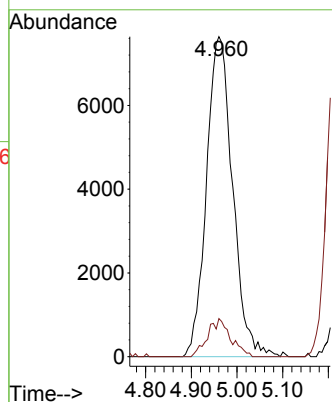
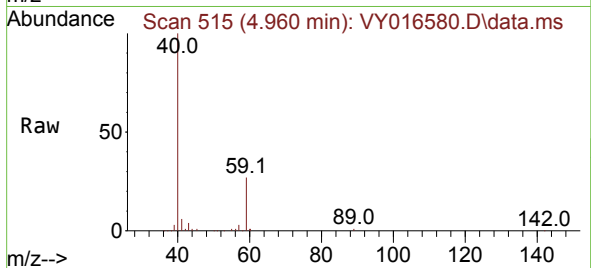




#11
Tert butyl alcohol
Concen: 207.092 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

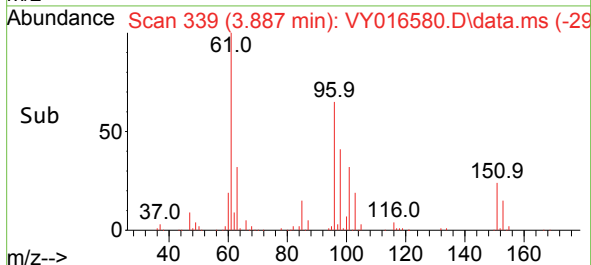
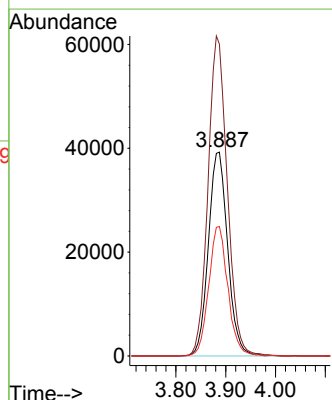
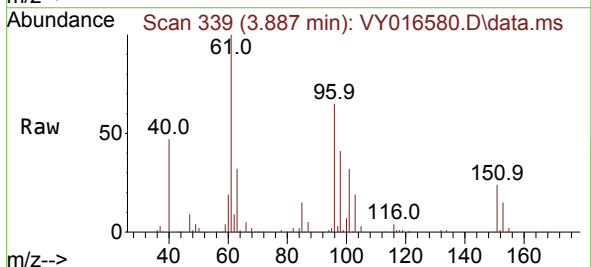
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

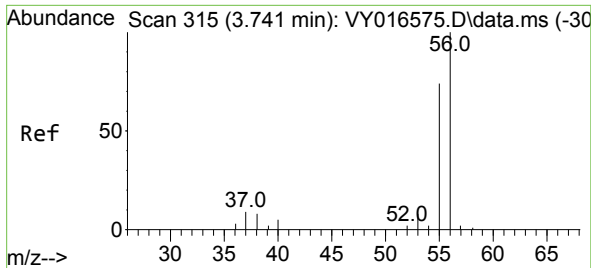
Tgt Ion: 59 Resp: 30392
Ion Ratio Lower Upper
59 100
57 10.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.046 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 96 Resp: 105719
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 63.5 49.4 74.2





#13

Acrolein

Concen: 210.863 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

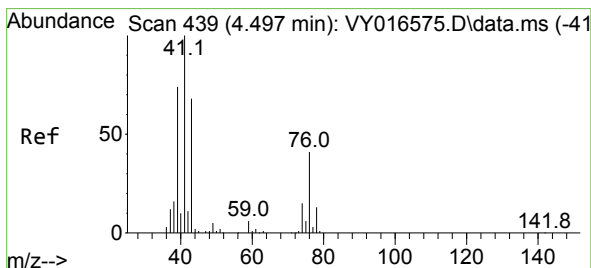
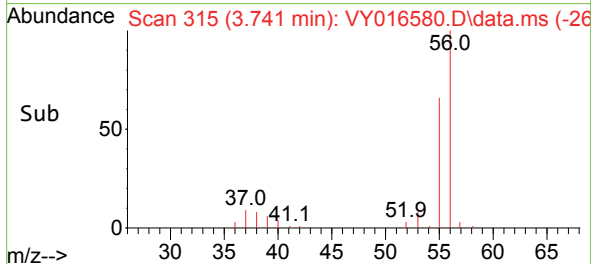
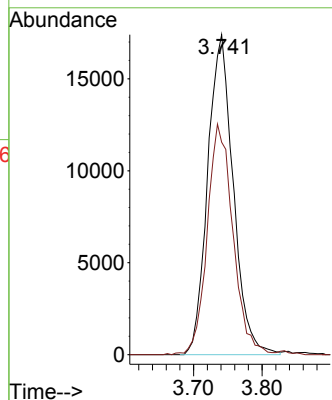
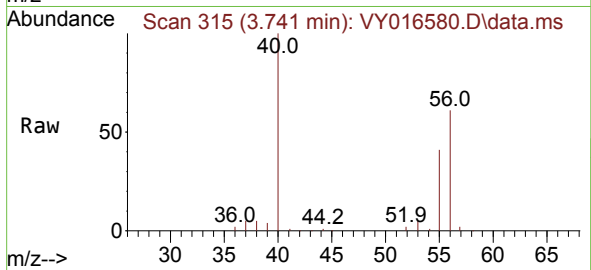
ICVVY120423

Tgt Ion: 56 Resp: 44989

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 49.565 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

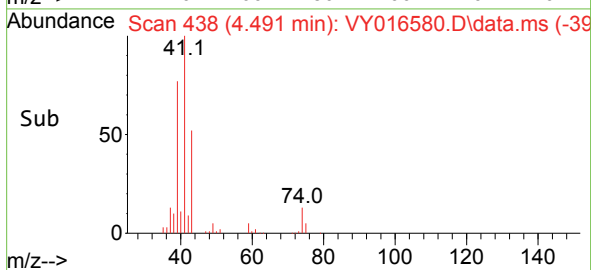
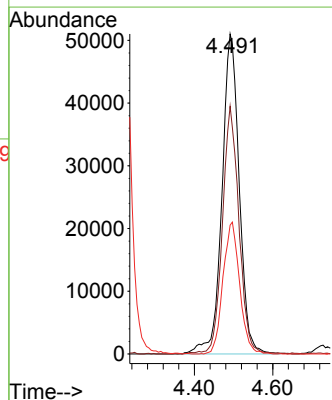
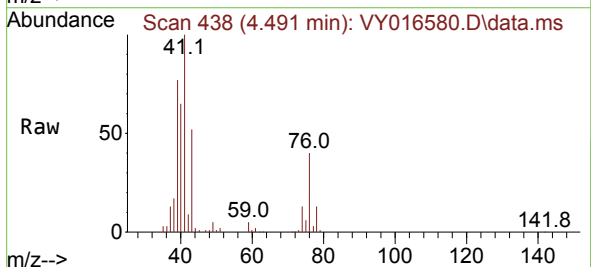
Tgt Ion: 41 Resp: 156656

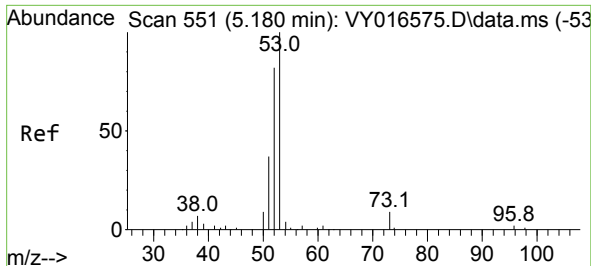
Ion Ratio Lower Upper

41 100

39 74.2 58.0 87.0

76 39.8 27.4 41.2

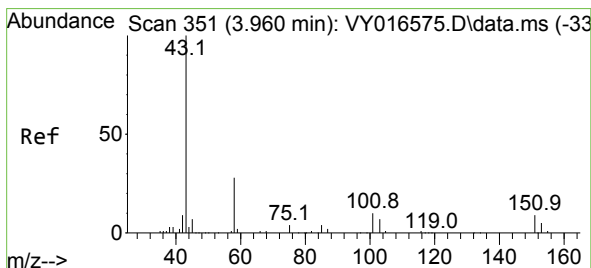
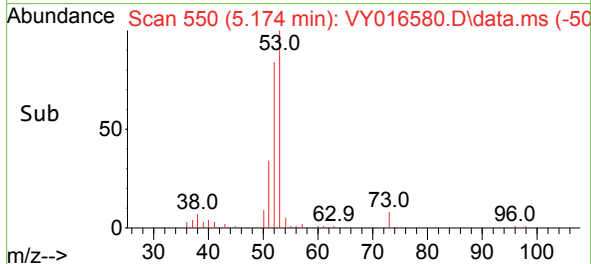
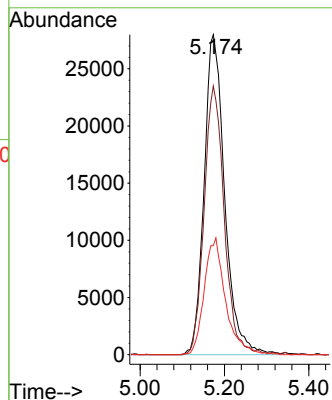
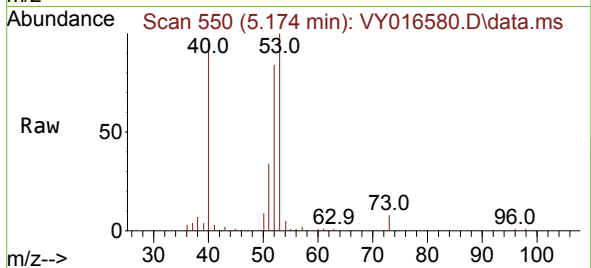




#15
Acrylonitrile
Concen: 207.573 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

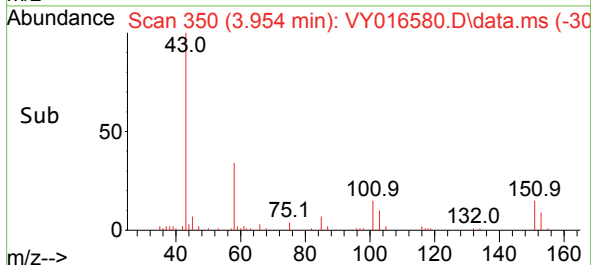
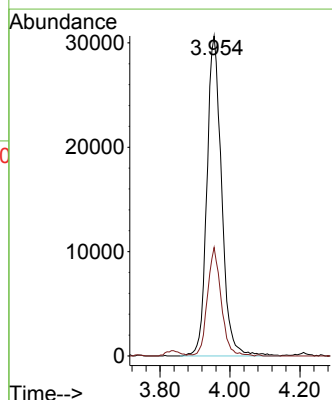
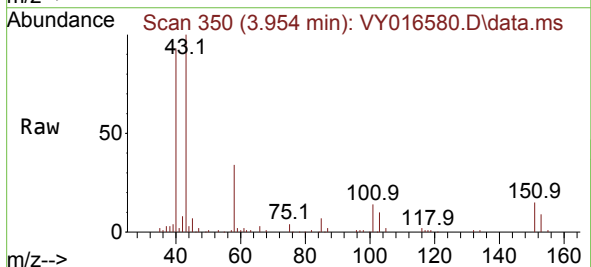
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

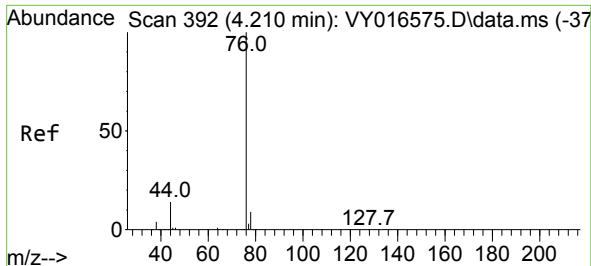
Tgt Ion: 53 Resp: 95126
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 37.9 29.8 44.6



#16
Acetone
Concen: 183.575 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 43 Resp: 89477
Ion Ratio Lower Upper
43 100
58 33.9 22.7 34.1

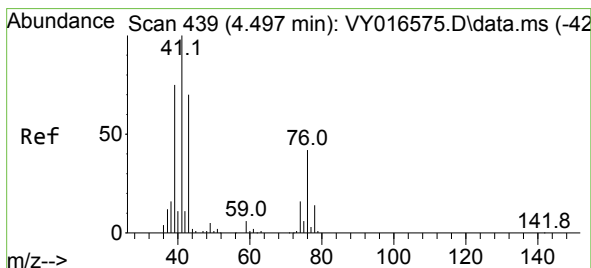
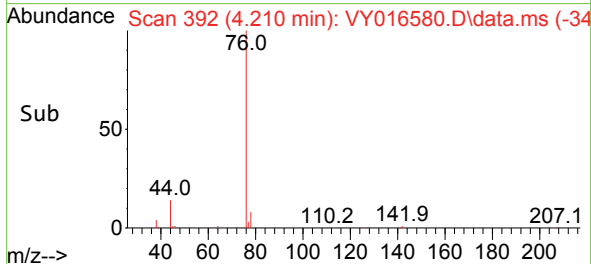
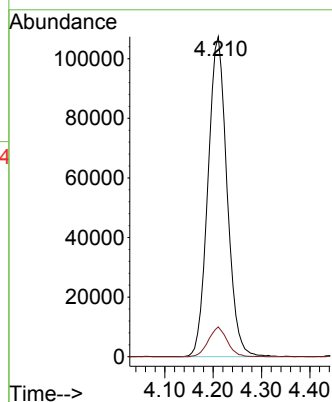
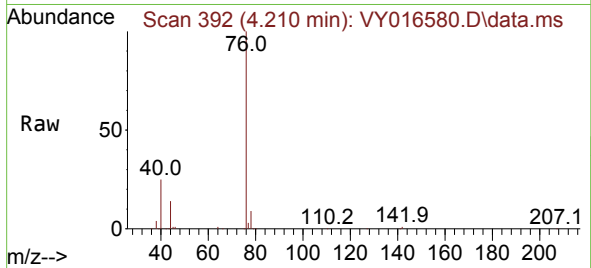




#17
Carbon Disulfide
Concen: 50.657 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

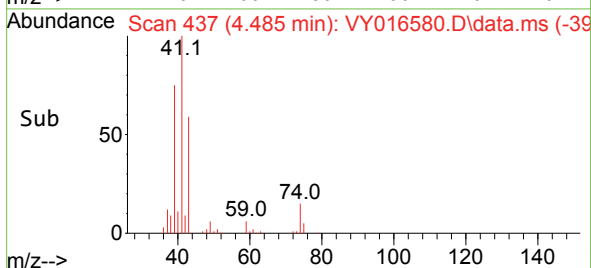
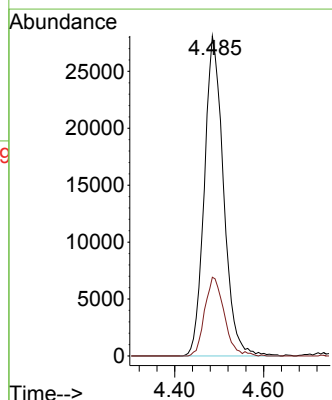
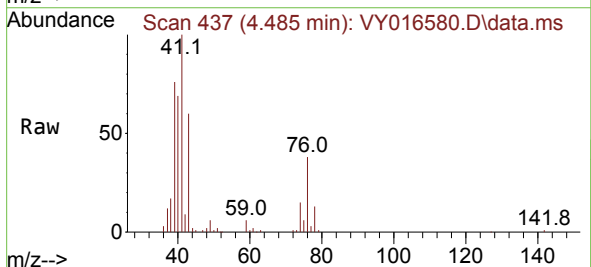
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

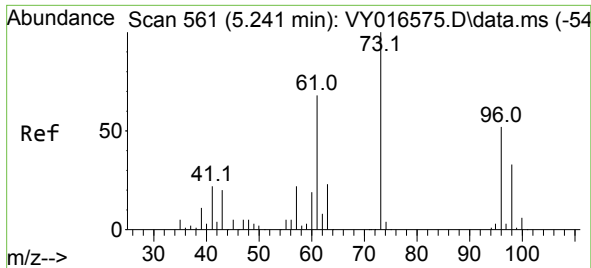
Tgt Ion: 76 Resp: 294141
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 43.790 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.012 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 43 Resp: 84604
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0

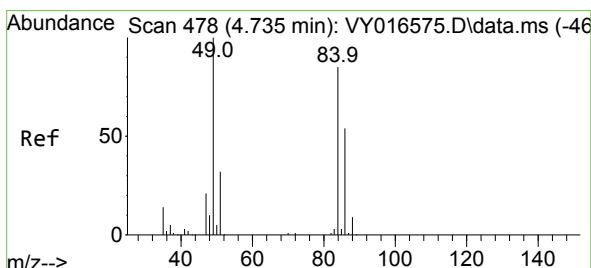
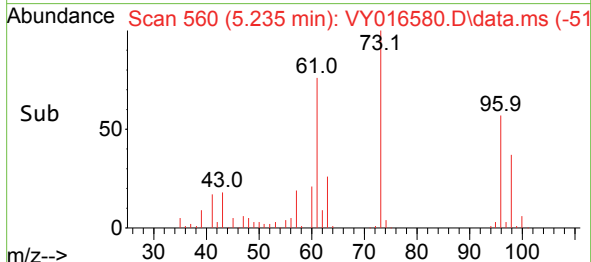
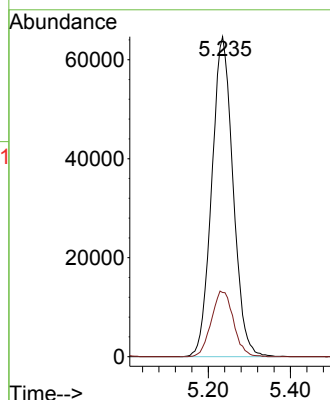
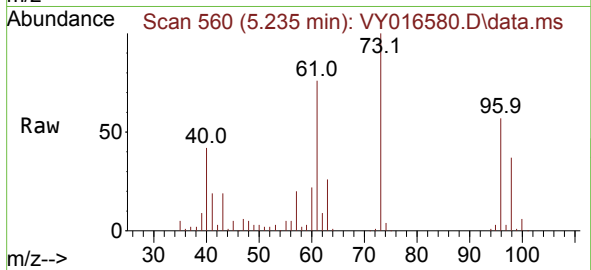




#19
Methyl tert-butyl Ether
Concen: 45.698 ug/l
RT: 5.235 min Scan# 5
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

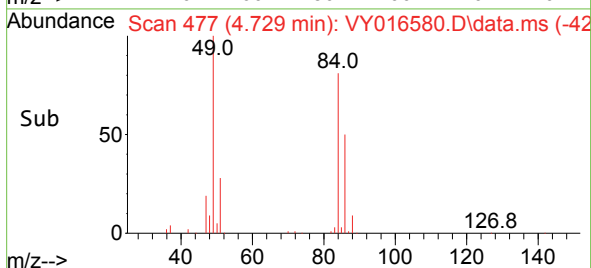
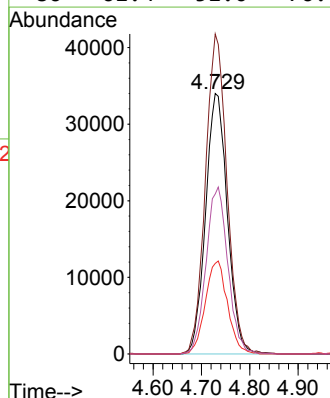
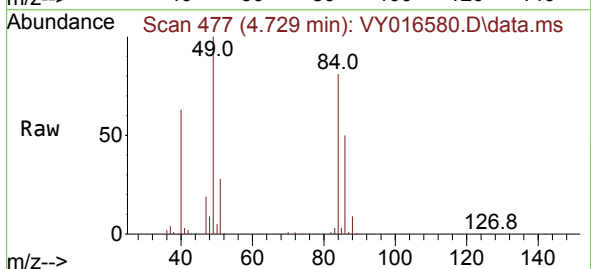
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

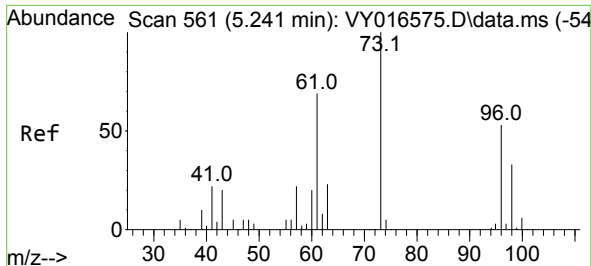
Tgt Ion: 73 Resp: 232651
Ion Ratio Lower Upper
73 100
57 20.1 17.3 25.9



#20
Methylene Chloride
Concen: 49.571 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 84 Resp: 106579
Ion Ratio Lower Upper
84 100
49 122.8 106.9 160.3
51 34.8 33.2 49.8
86 61.4 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 50.232 ug/l

RT: 5.235 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

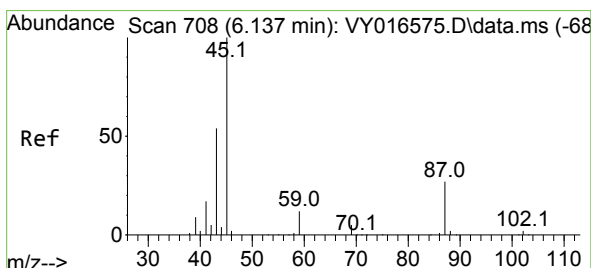
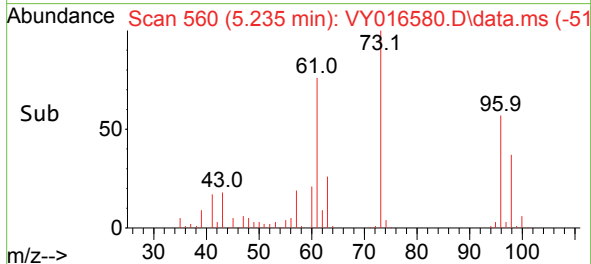
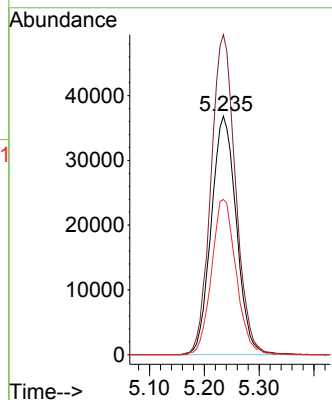
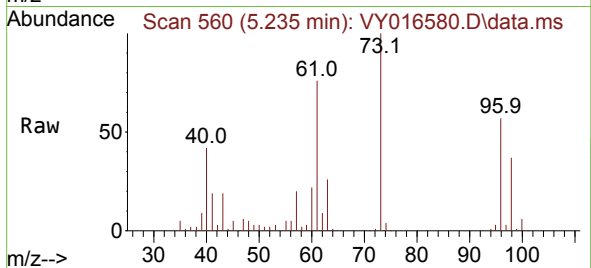
Tgt Ion: 96 Resp: 116989

Ion Ratio Lower Upper

96 100

61 134.1 110.2 165.4

98 65.0 51.8 77.6



#22

Diisopropyl ether

Concen: 48.266 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Tgt Ion: 45 Resp: 313742

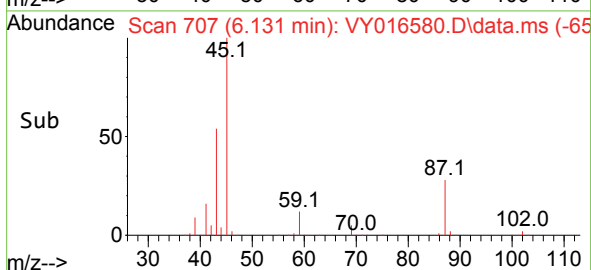
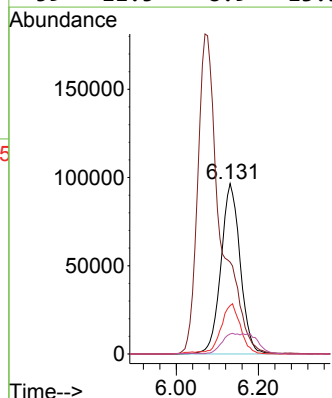
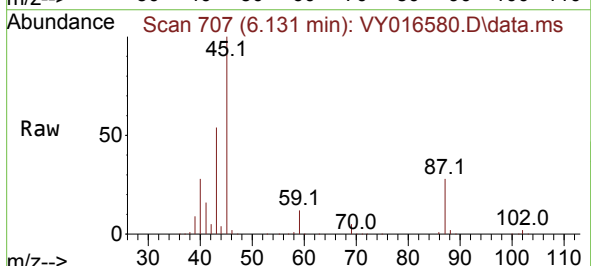
Ion Ratio Lower Upper

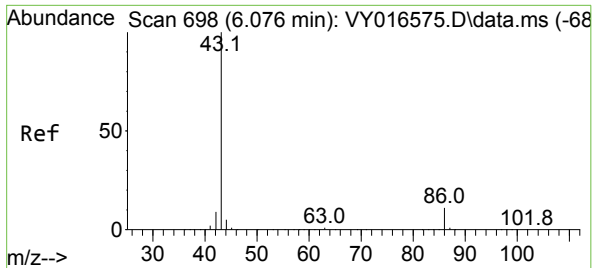
45 100

43 53.4 52.2 78.4

87 28.4 21.0 31.6

59 11.5 8.9 13.3

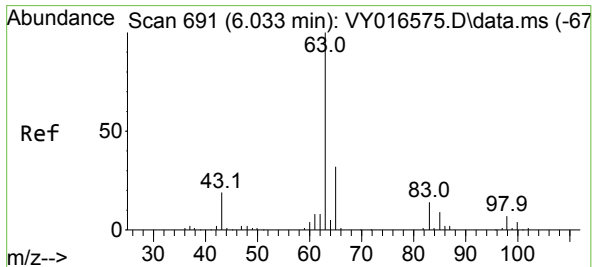
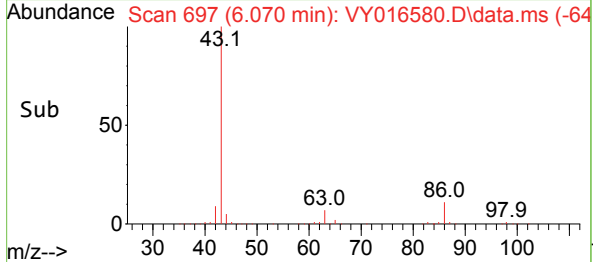
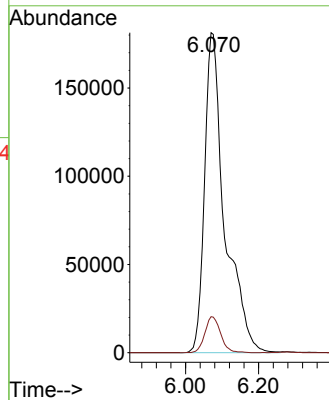
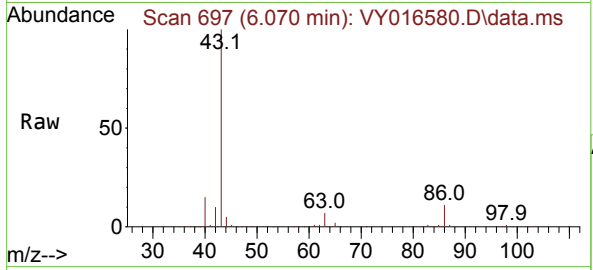




#23
 Vinyl Acetate
 Concen: 221.834 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

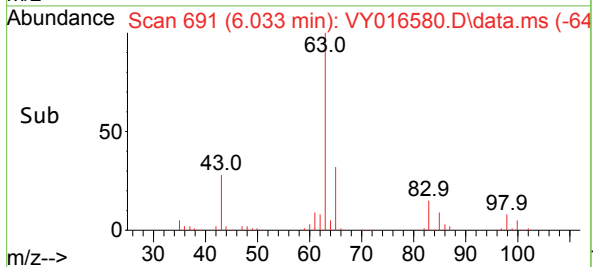
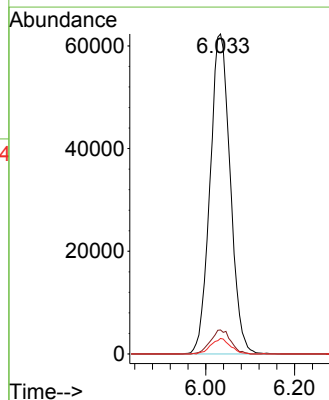
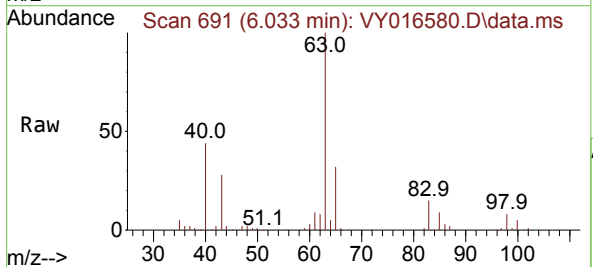
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120423

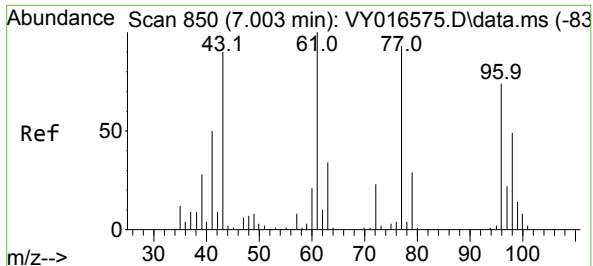
Tgt Ion: 43 Resp: 692236
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 49.241 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

Tgt Ion: 63 Resp: 196641
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 188.350 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

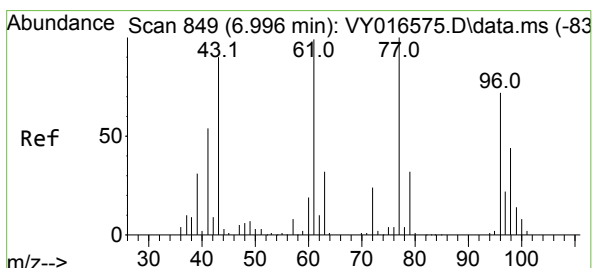
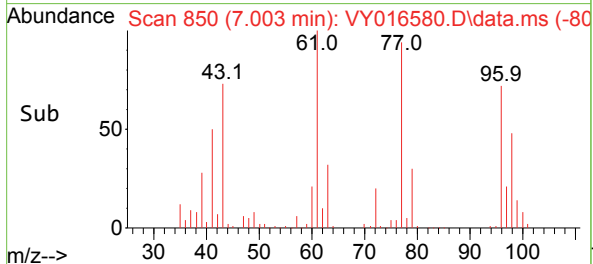
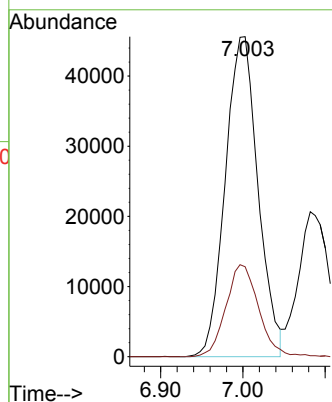
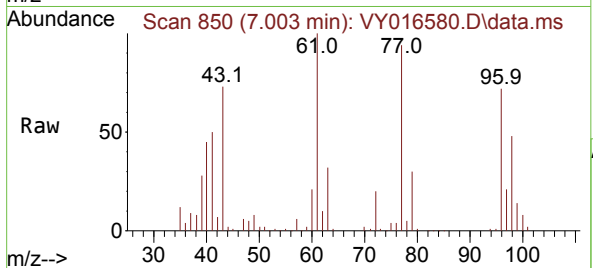
ICVY120423

Tgt Ion: 43 Resp: 126238

Ion Ratio Lower Upper

43 100

72 28.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.432 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016580.D

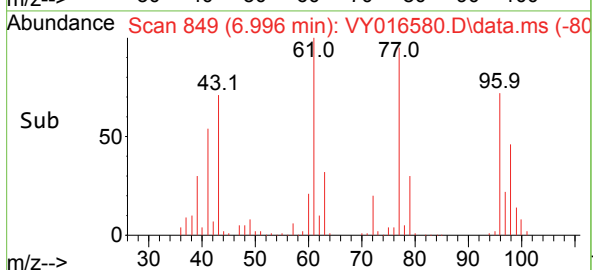
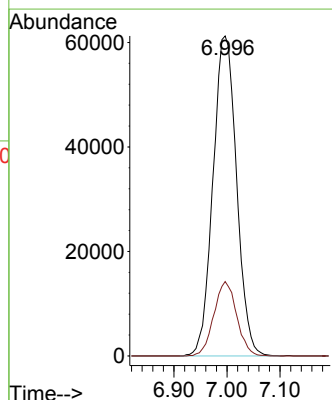
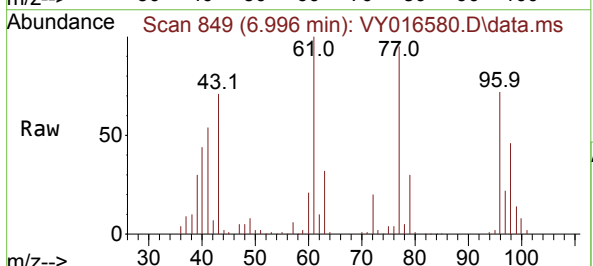
Acq: 04 Dec 2023 16:33

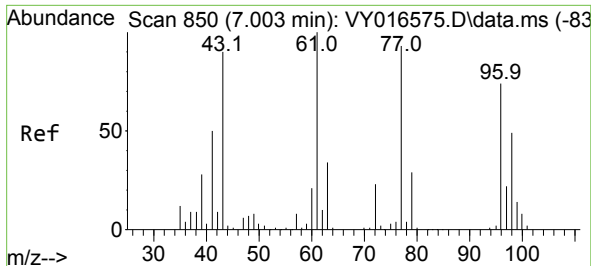
Tgt Ion: 77 Resp: 189336

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 49.043 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120423

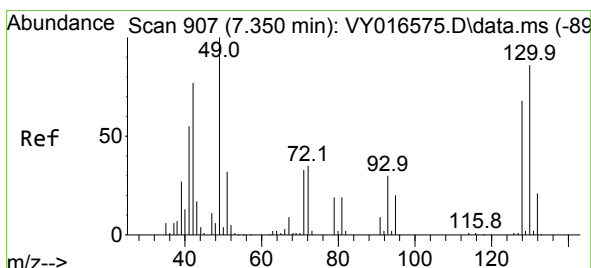
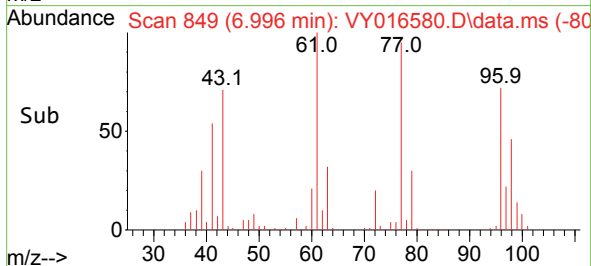
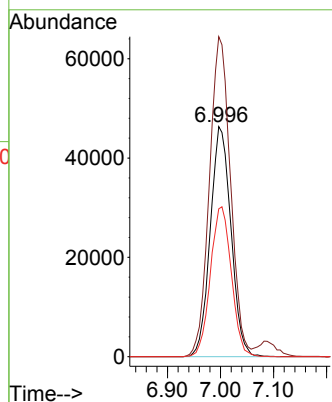
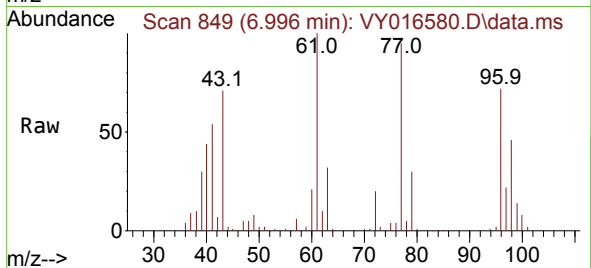
Tgt Ion: 96 Resp: 125726

Ion Ratio Lower Upper

96 100

61 141.6 0.0 301.4

98 65.9 0.0 130.4



#28

Bromochloromethane

Concen: 43.990 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

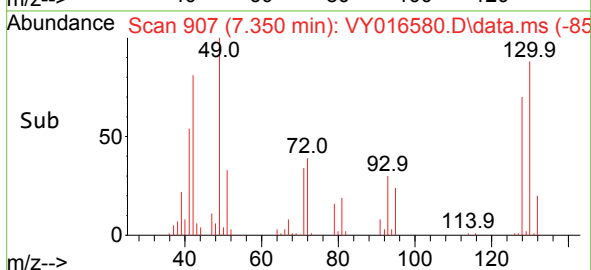
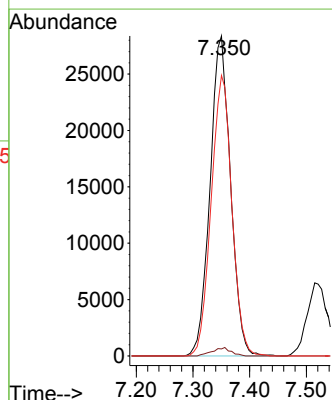
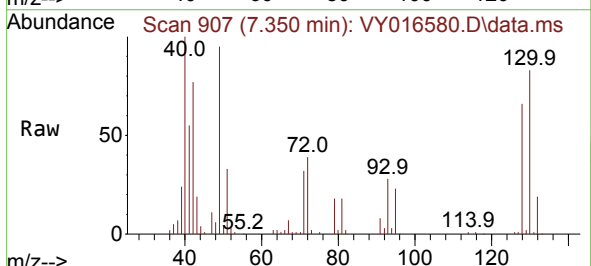
Tgt Ion: 49 Resp: 71157

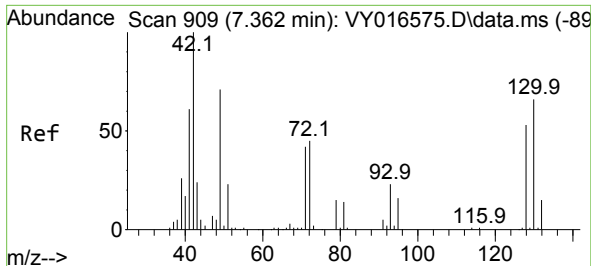
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 88.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 206.133 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120423

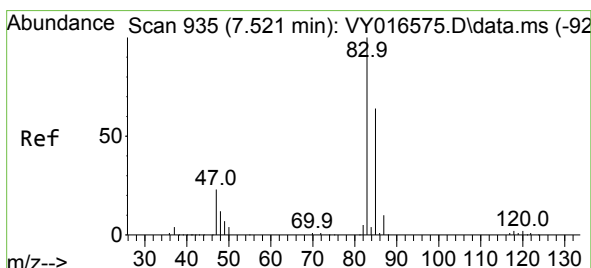
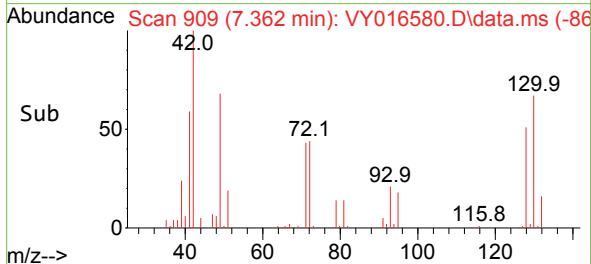
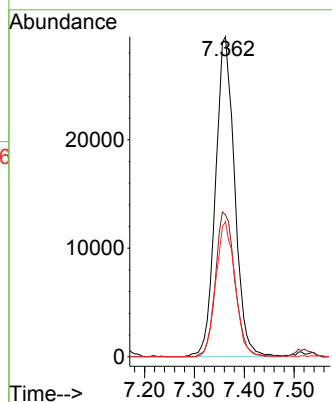
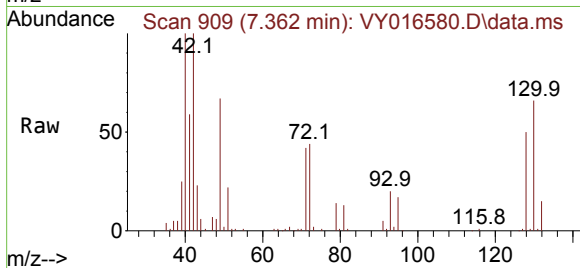
Tgt Ion: 42 Resp: 78768

Ion Ratio Lower Upper

42 100

72 45.7 32.8 49.2

71 42.5 31.0 46.4



#30

Chloroform

Concen: 48.063 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016580.D

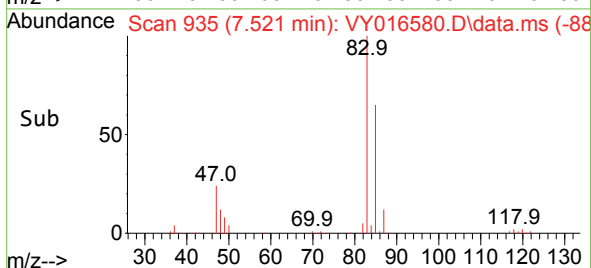
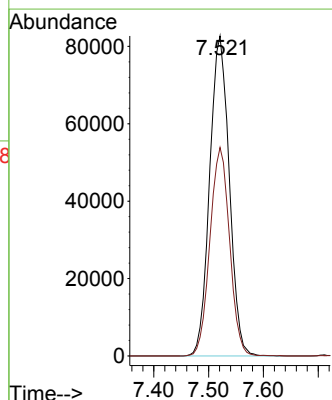
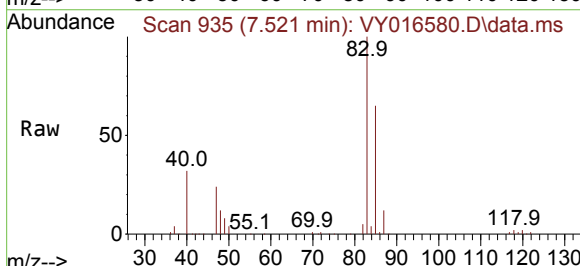
Acq: 04 Dec 2023 16:33

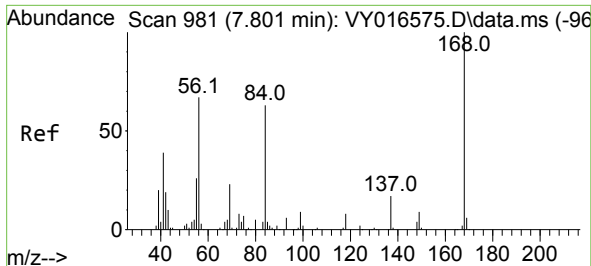
Tgt Ion: 83 Resp: 204600

Ion Ratio Lower Upper

83 100

85 65.2 49.7 74.5

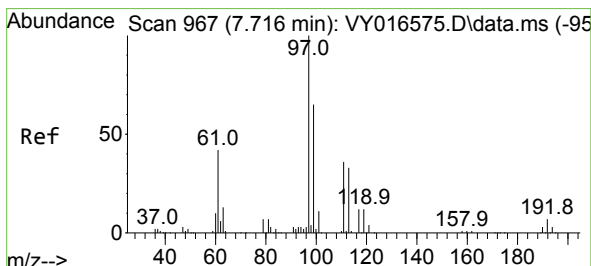
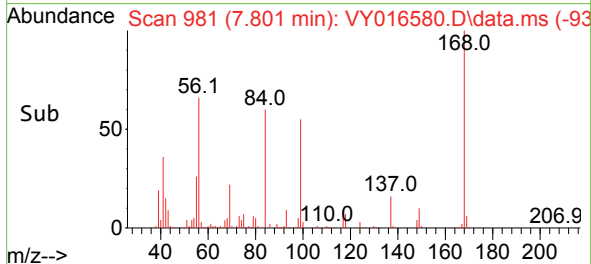
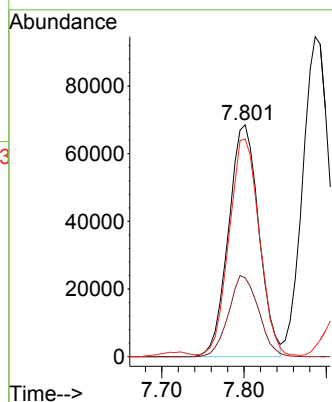
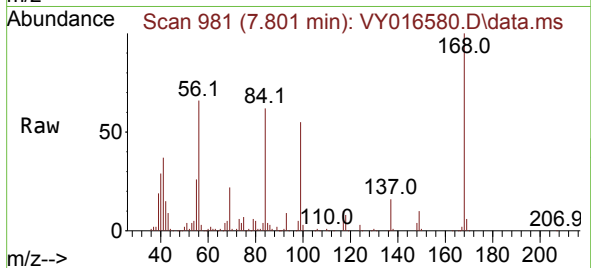




#31
Cyclohexane
Concen: 47.826 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

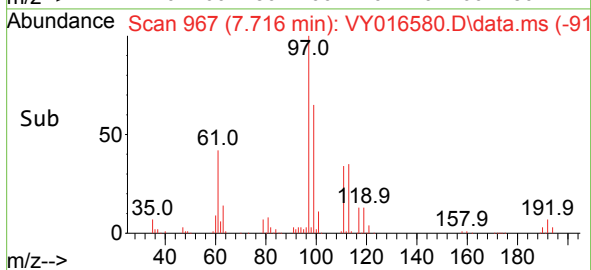
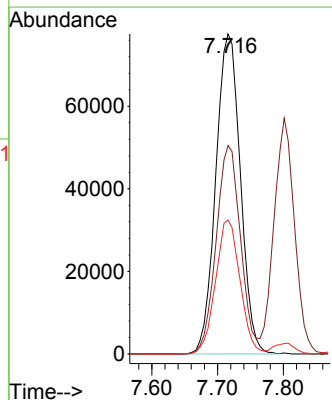
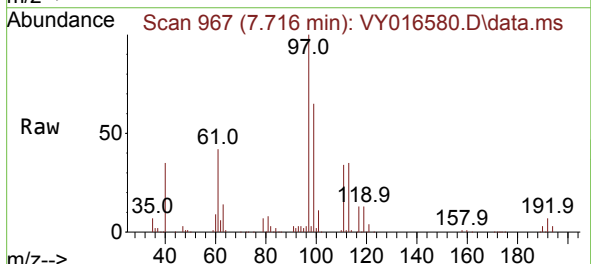
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120423

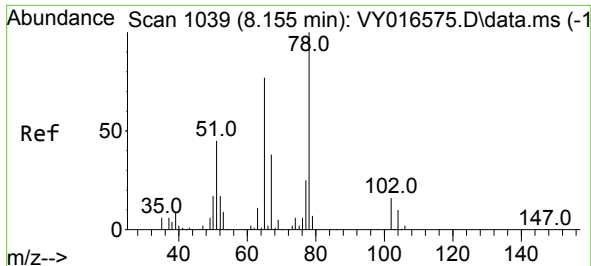
Tgt Ion: 56 Resp: 175859
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.6
84 91.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.097 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 97 Resp: 201825
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.6 35.1 52.7

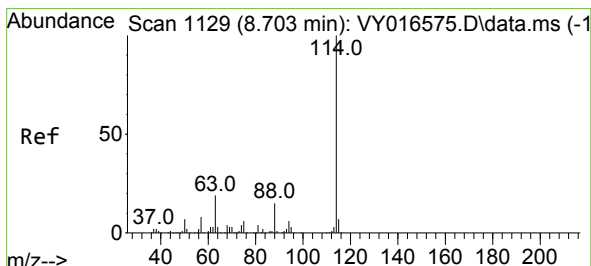
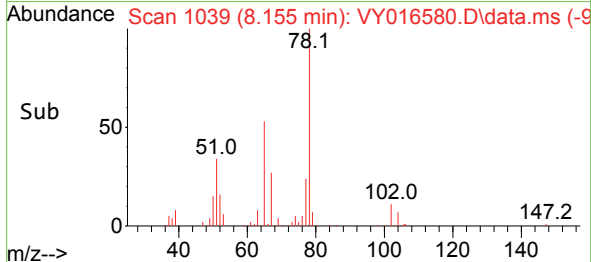
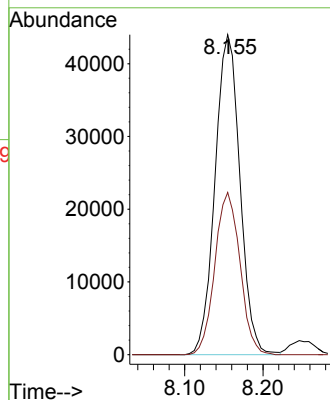
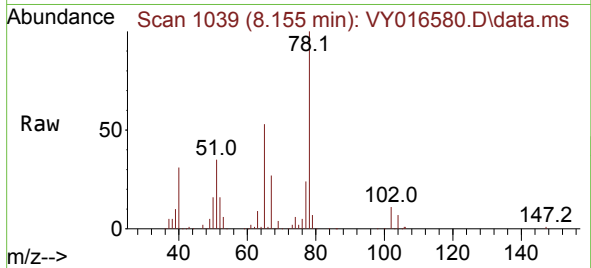




#33
 1,2-Dichloroethane-d4
 Concen: 45.244 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

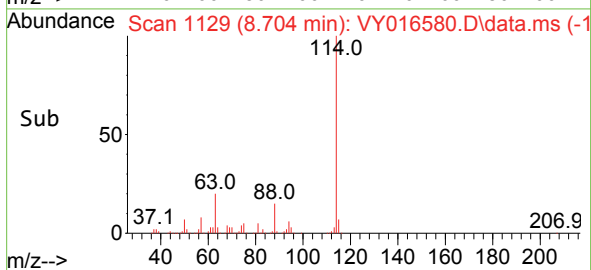
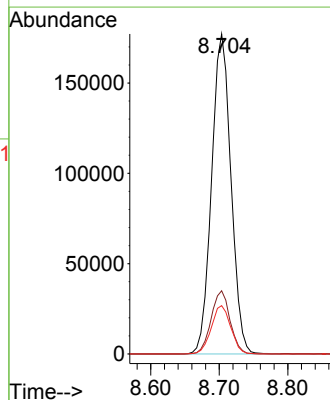
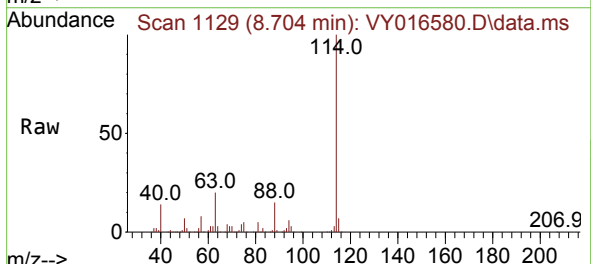
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120423

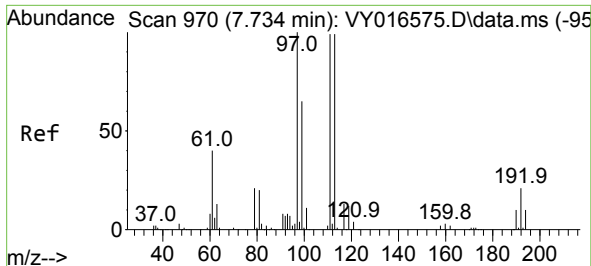
Tgt Ion: 65 Resp: 97453
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

Tgt Ion:114 Resp: 347844
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 42.4
 88 15.1 0.0 30.6

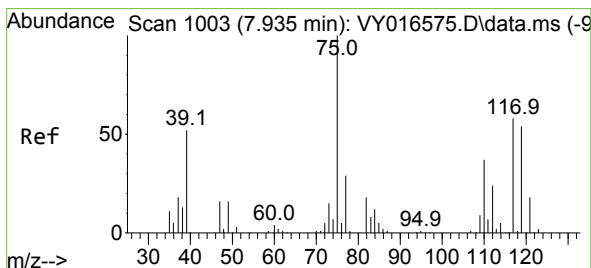
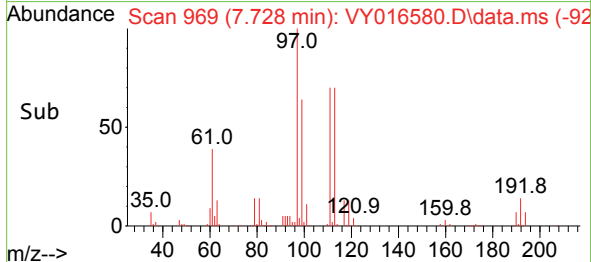
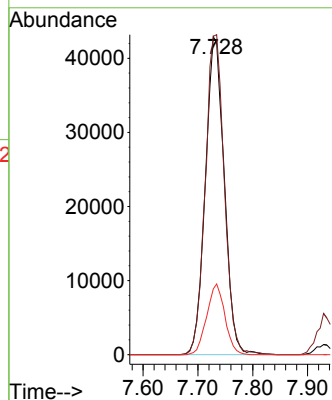
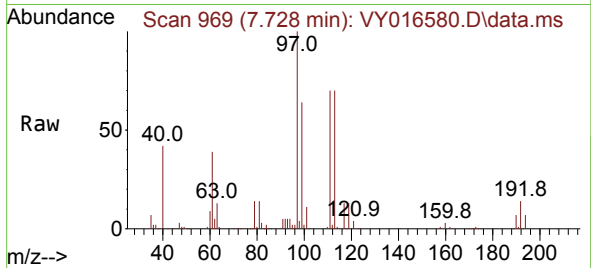




#35
Dibromofluoromethane
Concen: 48.942 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

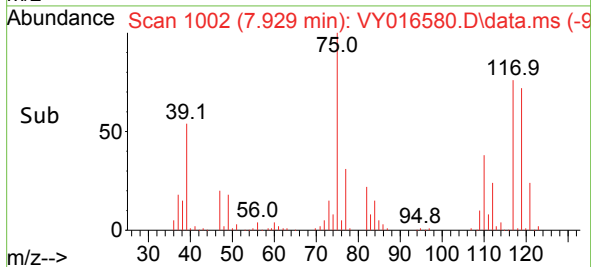
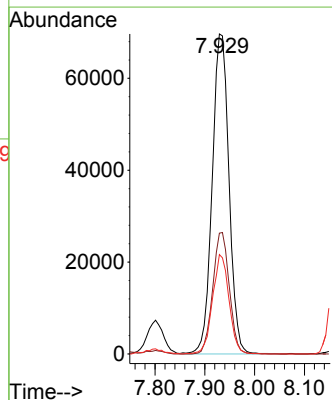
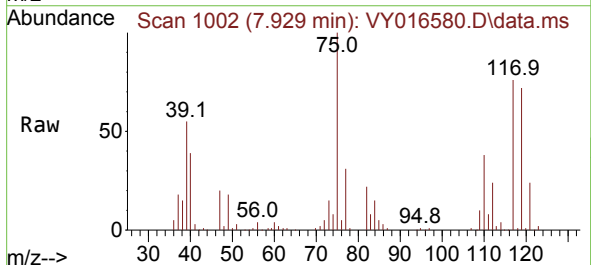
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

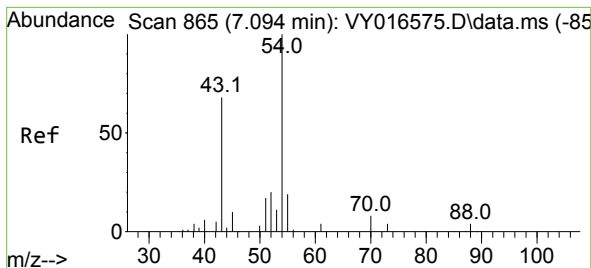
Tgt Ion:113 Resp: 102452
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 21.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.262 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 75 Resp: 163122
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 30.5 24.4 36.6





#37

Ethyl Acetate

Concen: 42.768 ug/l

RT: 7.082 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120423

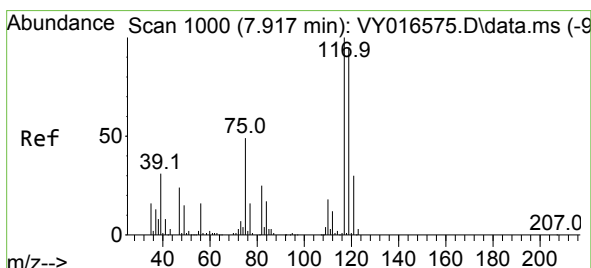
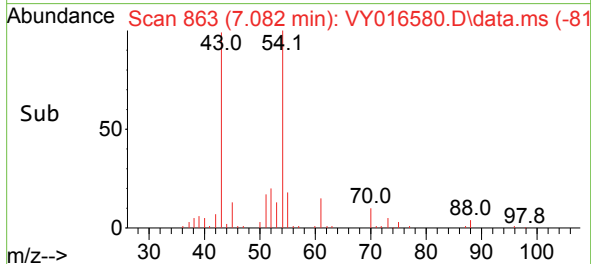
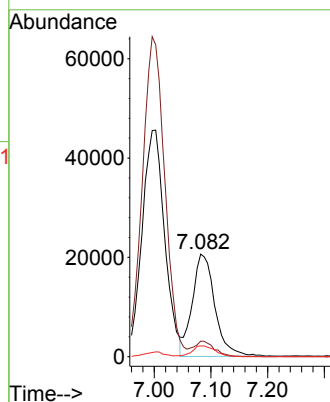
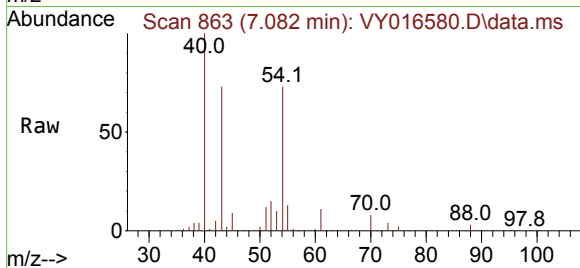
Tgt Ion: 43 Resp: 56946

Ion Ratio Lower Upper

43 100

61 13.2 10.1 15.1

70 10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 51.581 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

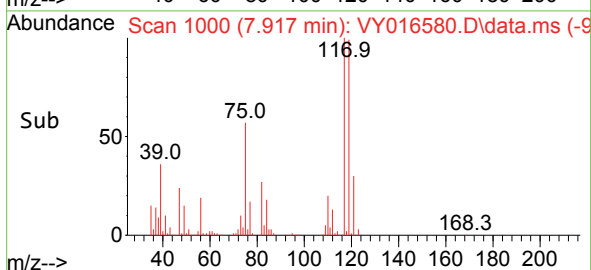
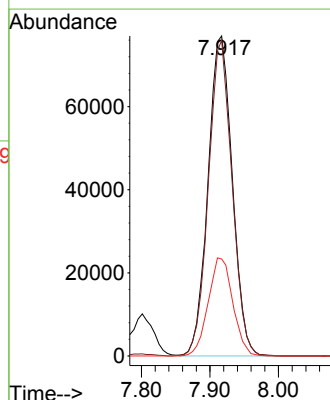
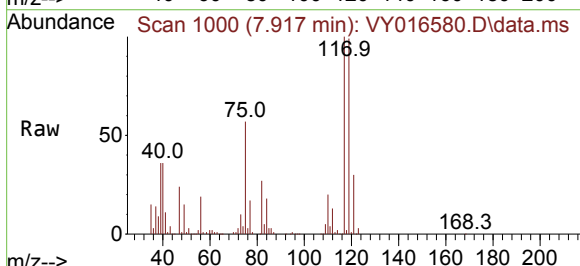
Tgt Ion: 117 Resp: 190016

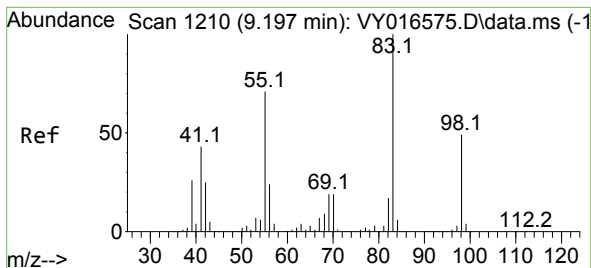
Ion Ratio Lower Upper

117 100

119 98.6 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 53.001 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

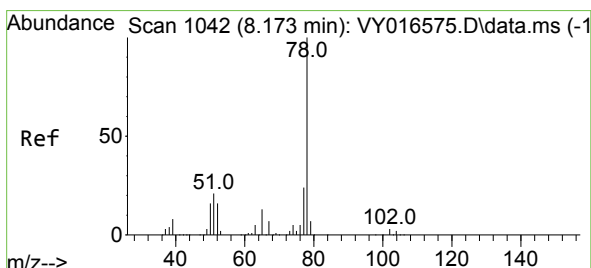
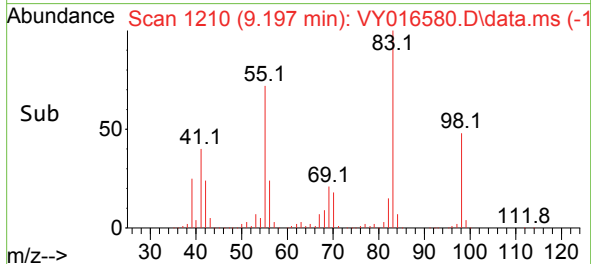
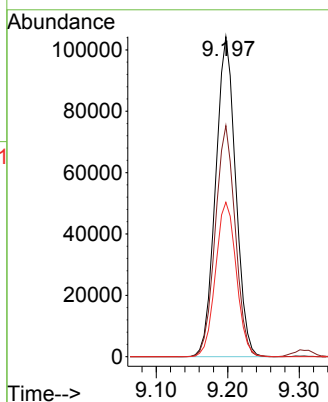
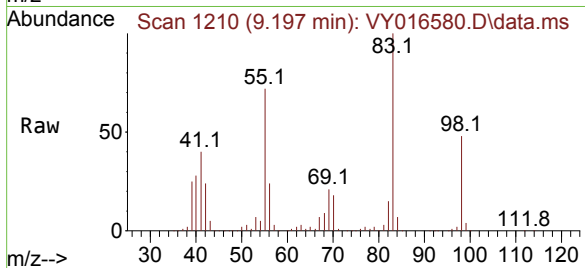
Tgt Ion: 83 Resp: 203198

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 48.3 37.4 56.2



#40

Benzene

Concen: 49.503 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016580.D

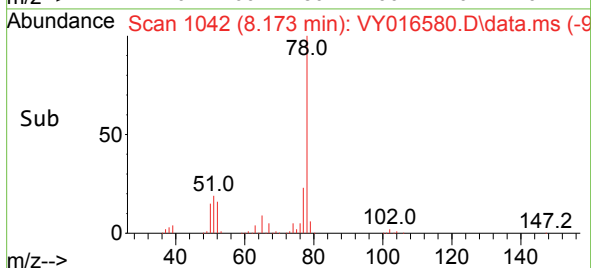
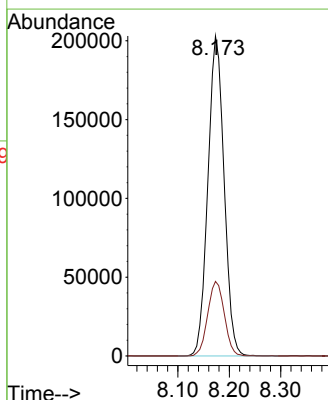
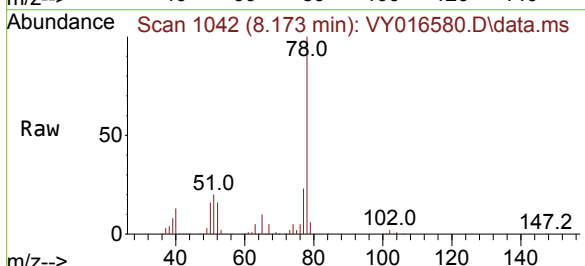
Acq: 04 Dec 2023 16:33

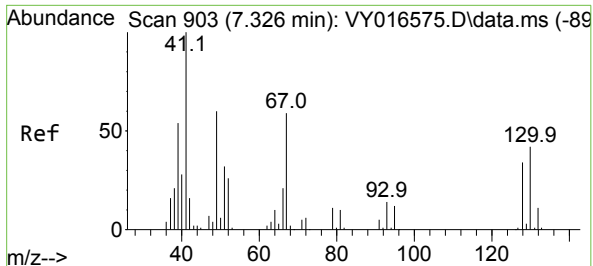
Tgt Ion: 78 Resp: 444000

Ion Ratio Lower Upper

78 100

77 23.3 19.0 28.6

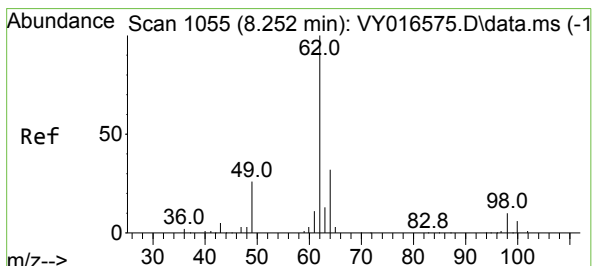
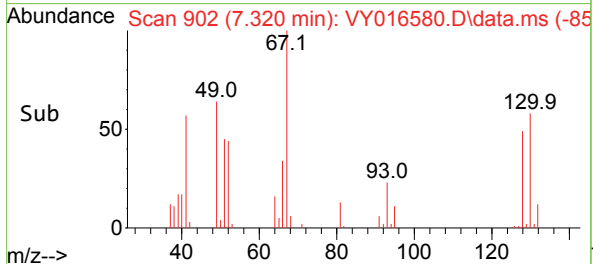
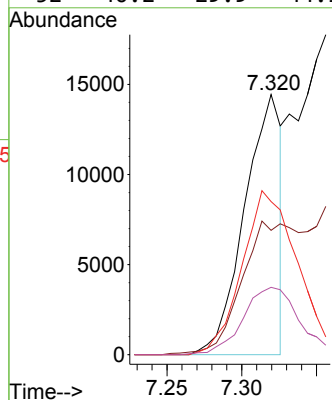
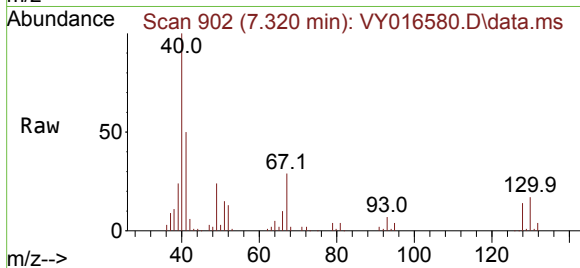




#41
Methacrylonitrile
Concen: 32.194 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

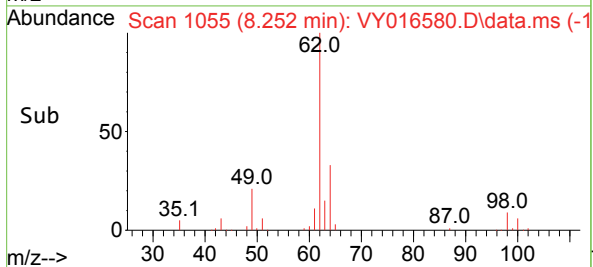
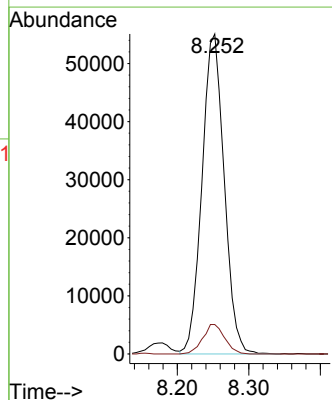
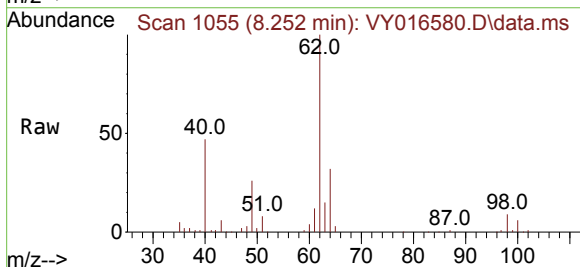
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

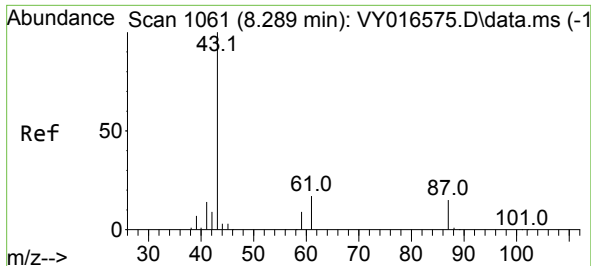
Tgt Ion: 41	Resp: 24758
Ion Ratio	Lower Upper
41 100	
39 76.3	52.1 78.1
67 95.2	66.2 99.2
52 40.2	29.9 44.9



#42
1,2-Dichloroethane
Concen: 45.585 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 62	Resp: 118720
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 15.8

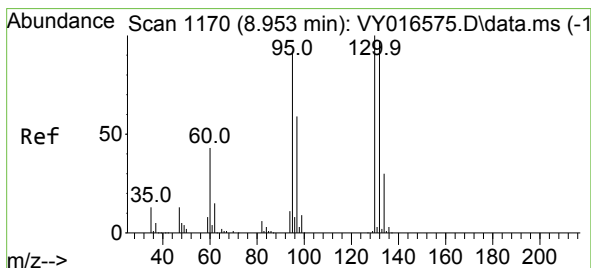
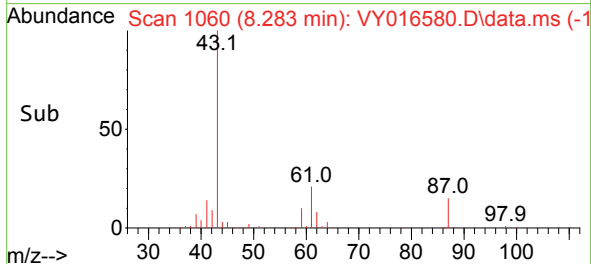
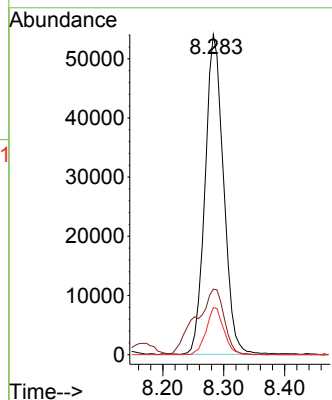
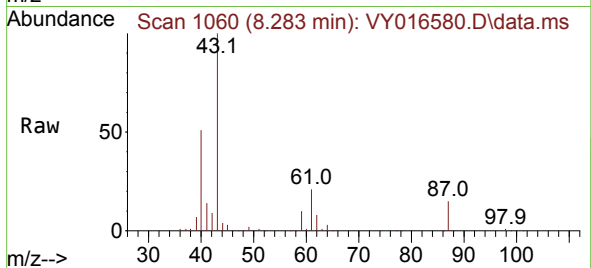




#43
Isopropyl Acetate
Concen: 44.318 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

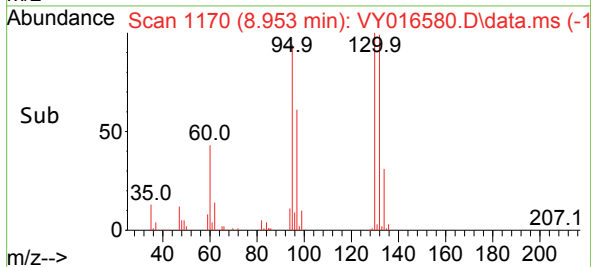
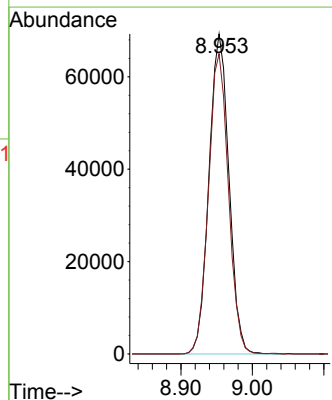
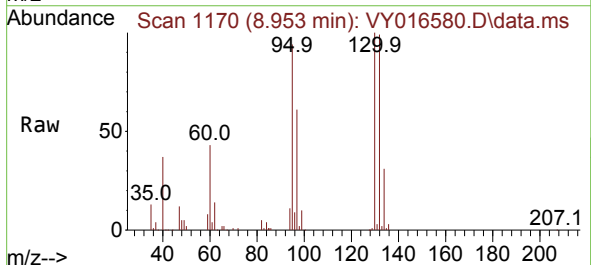
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

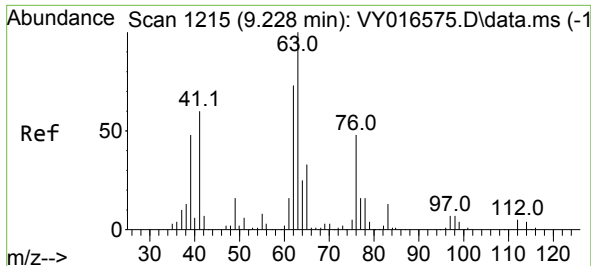
Tgt Ion: 43 Resp: 113836
Ion Ratio Lower Upper
43 100
61 31.4 21.1 31.7
87 14.0 9.8 14.8



#44
Trichloroethene
Concen: 49.720 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:130 Resp: 134486
Ion Ratio Lower Upper
130 100
95 93.7 0.0 196.0

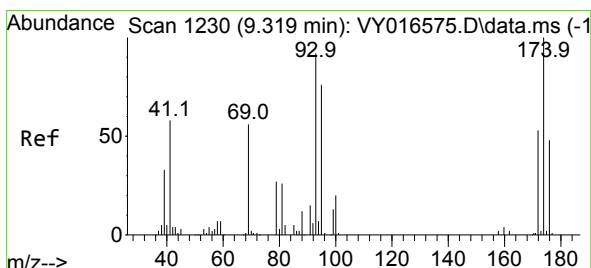
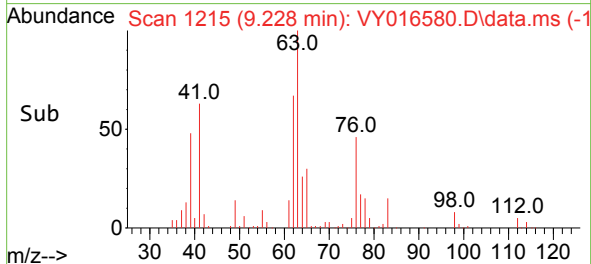
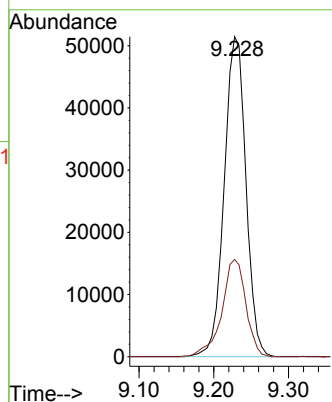
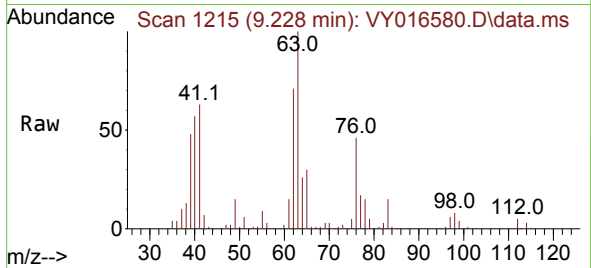




#45
1,2-Dichloropropane
Concen: 48.108 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

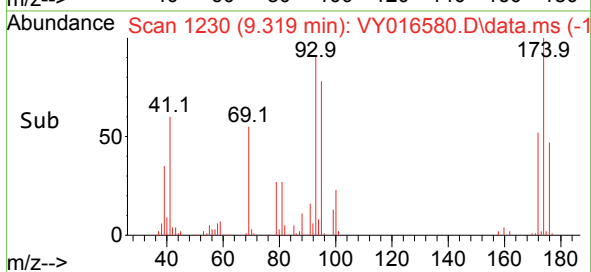
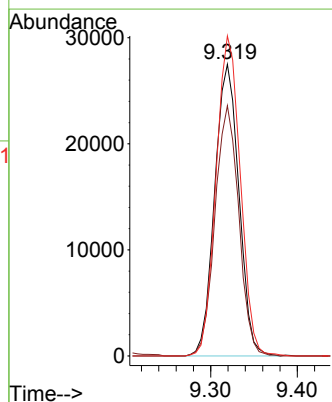
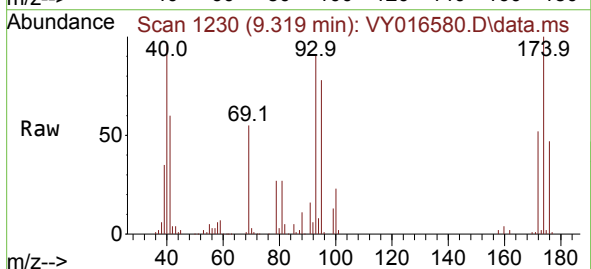
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

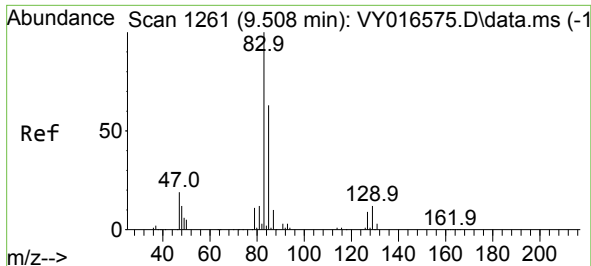
Tgt Ion: 63 Resp: 103883
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 45.130 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 93 Resp: 53424
Ion Ratio Lower Upper
93 100
95 84.3 66.6 100.0
174 110.0 84.8 127.2

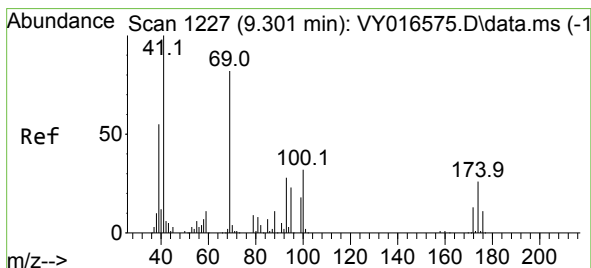
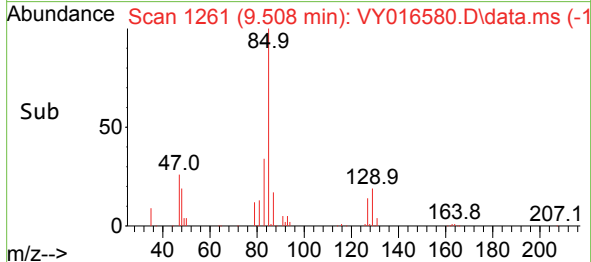
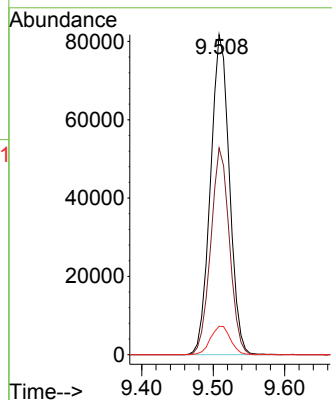
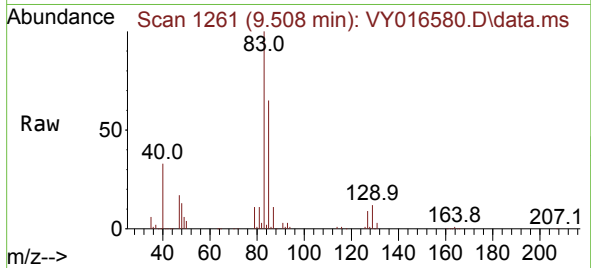




#47
Bromodichloromethane
Concen: 47.615 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

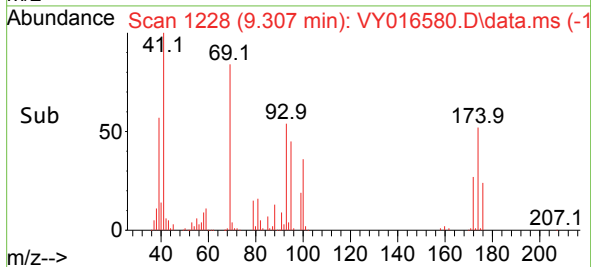
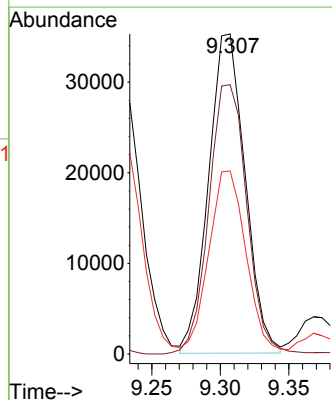
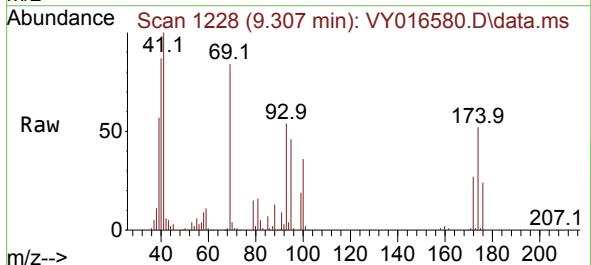
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120423

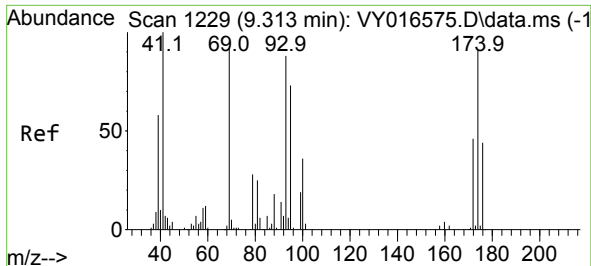
Tgt Ion: 83 Resp: 150060
Ion Ratio Lower Upper
83 100
85 64.6 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 44.020 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

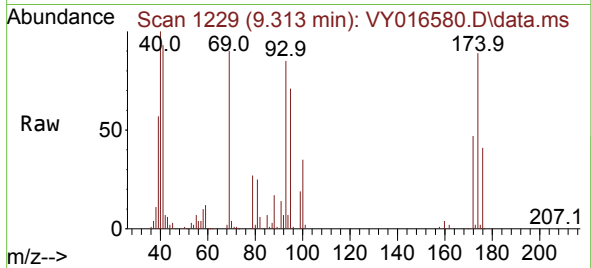
Tgt Ion: 41 Resp: 65301
Ion Ratio Lower Upper
41 100
69 87.9 64.5 96.7
39 55.8 50.8 76.2



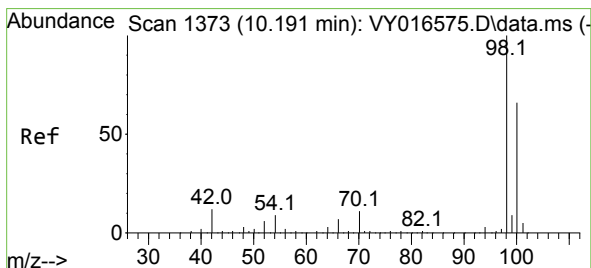
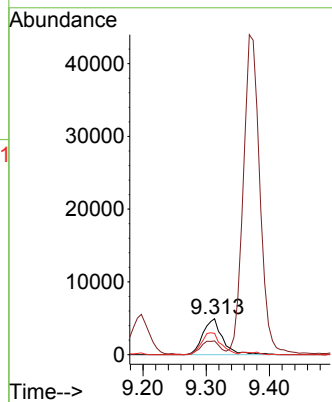
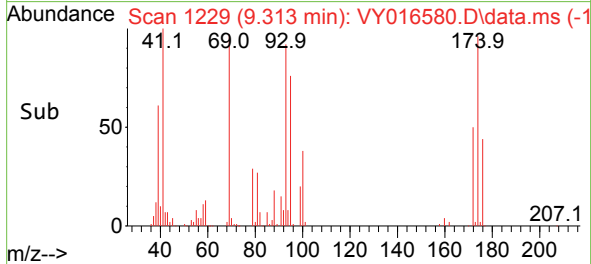


#49
1,4-Dioxane
Concen: 896.267 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

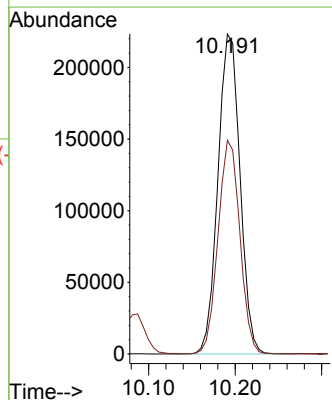
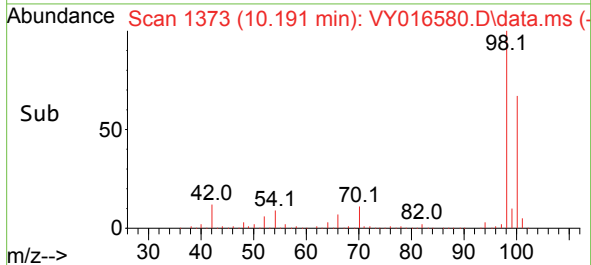
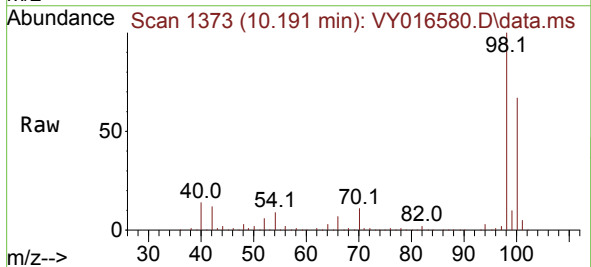


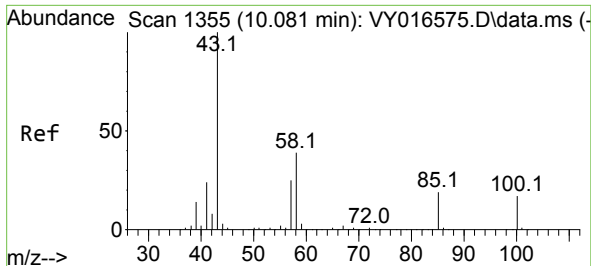
Tgt Ion: 88 Resp: 10739
Ion Ratio Lower Upper
88 100
43 37.5 0.0 0.0#
58 59.6 30.9 46.3#



#50
Toluene-d8
Concen: 49.917 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 98 Resp: 395253
Ion Ratio Lower Upper
98 100
100 66.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 213.701 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

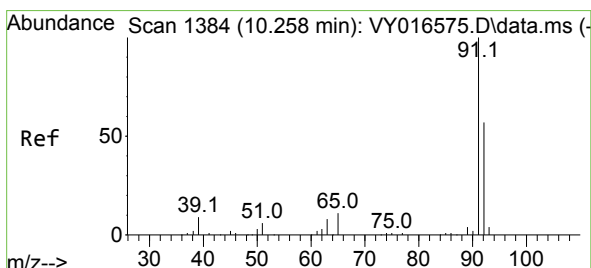
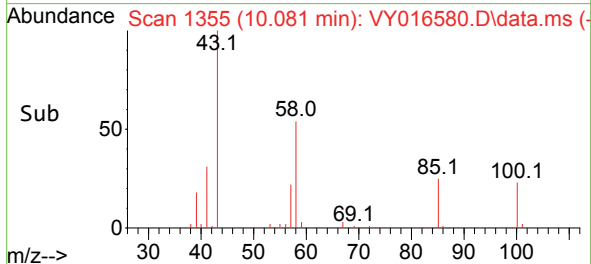
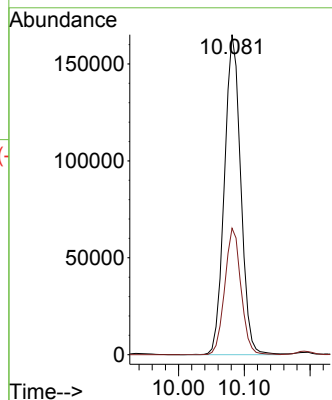
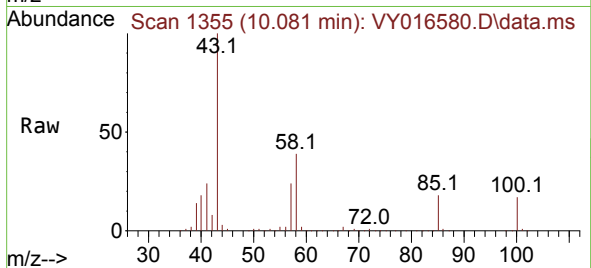
ICVY120423

Tgt Ion: 43 Resp: 285267

Ion Ratio Lower Upper

43 100

58 39.2 29.0 43.6



#52

Toluene

Concen: 50.671 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VY016580.D

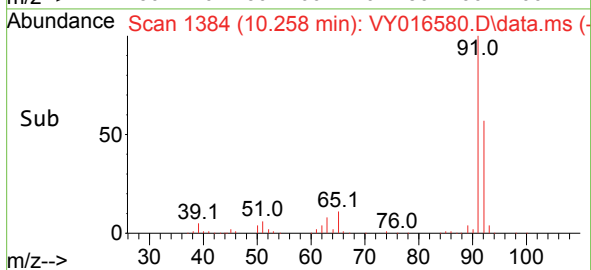
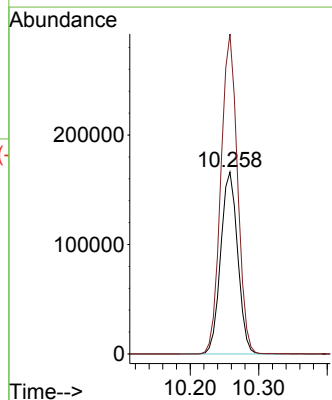
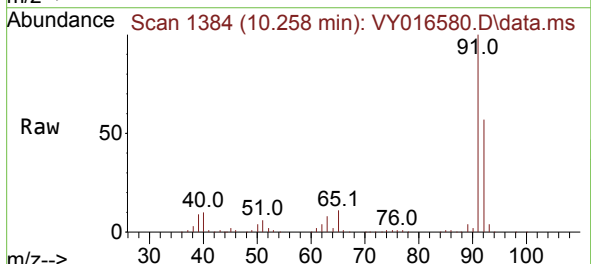
Acq: 04 Dec 2023 16:33

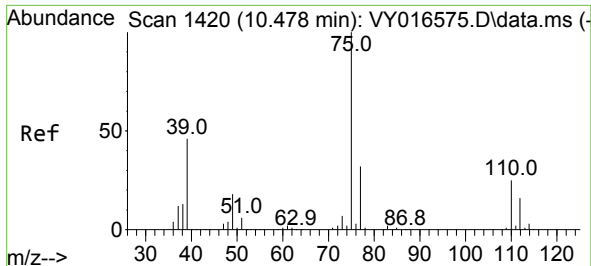
Tgt Ion: 92 Resp: 284845

Ion Ratio Lower Upper

92 100

91 173.0 143.8 215.6

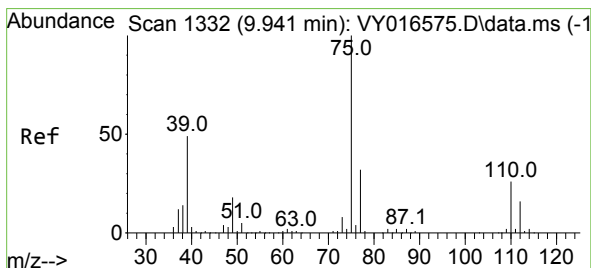
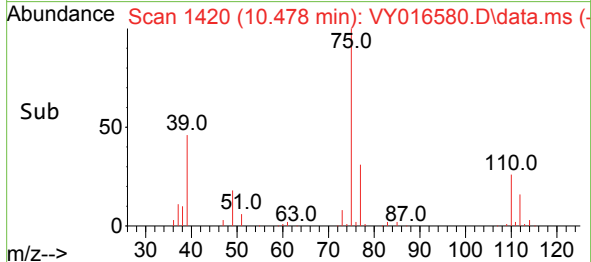
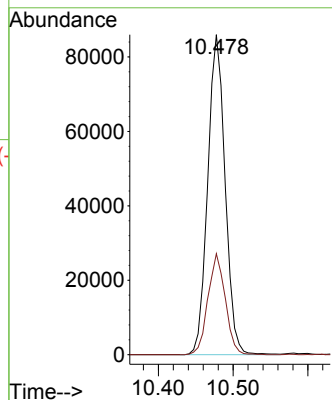
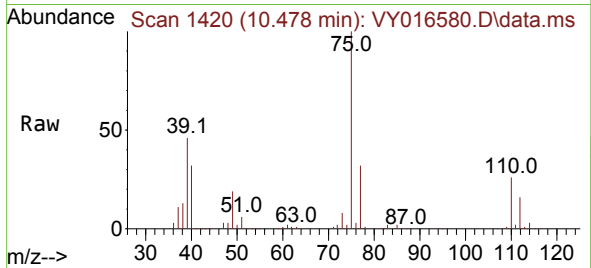




#53
 t-1,3-Dichloropropene
 Concen: 46.694 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

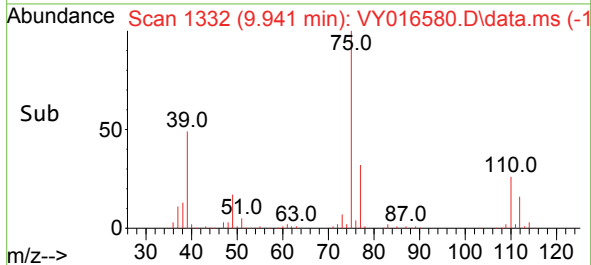
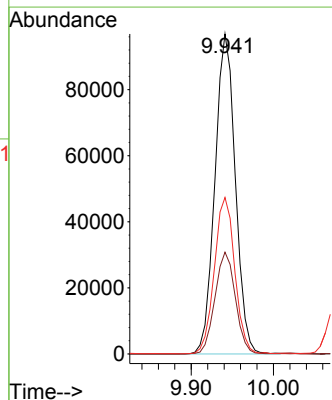
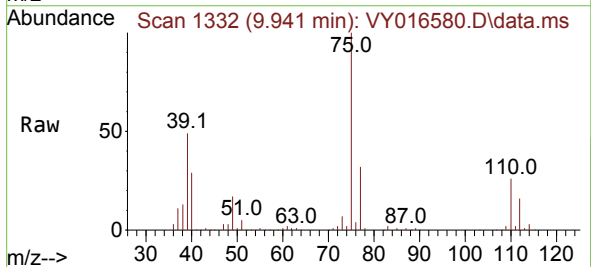
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120423

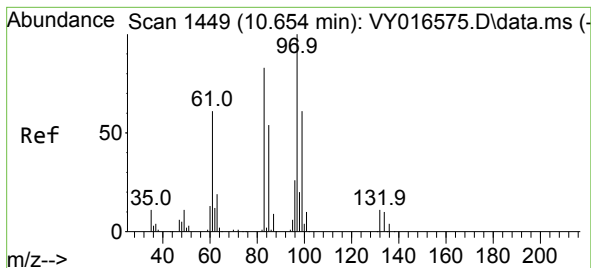
Tgt Ion: 75 Resp: 138879
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 47.840 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.000 min
 Lab File: VY016580.D
 Acq: 04 Dec 2023 16:33

Tgt Ion: 75 Resp: 167109
 Ion Ratio Lower Upper
 75 100
 77 31.8 24.2 36.4
 39 48.8 42.2 63.4

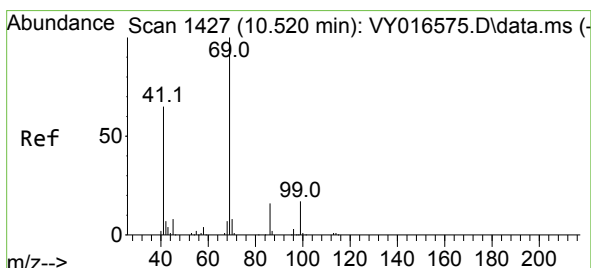
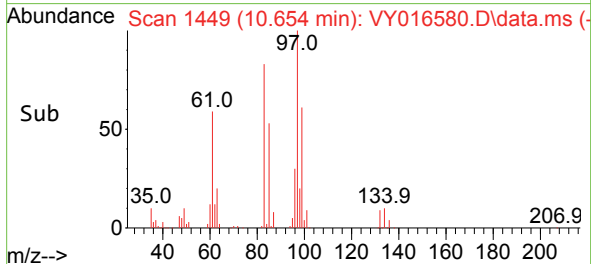
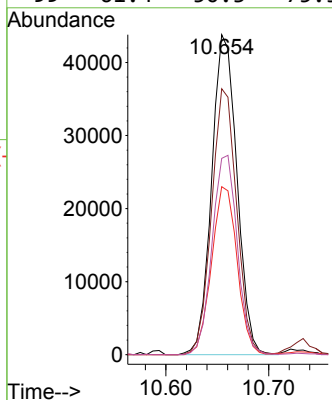
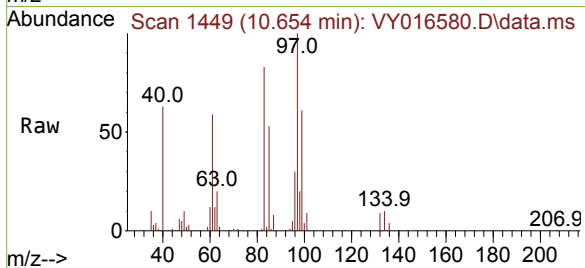




#55
1,1,2-Trichloroethane
Concen: 45.458 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

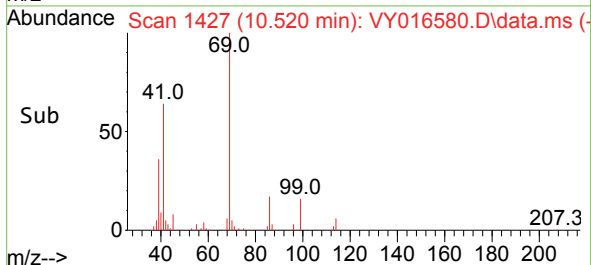
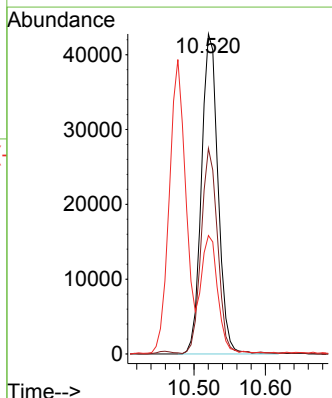
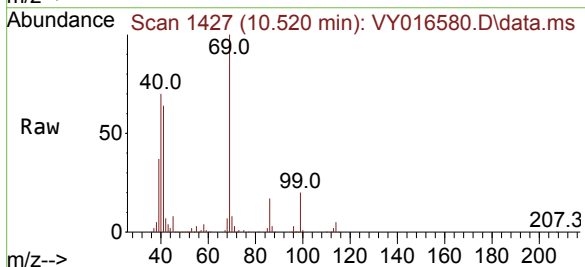
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

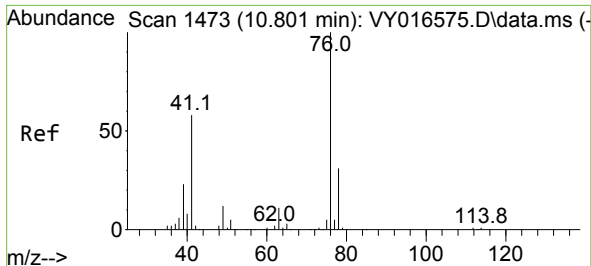
Tgt Ion:	97	Resp:	74960
Ion	Ratio	Lower	Upper
97	100		
83	83.1	72.0	108.0
85	52.5	45.4	68.0
99	61.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 45.650 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:	69	Resp:	69000
Ion	Ratio	Lower	Upper
69	100		
41	63.4	57.6	86.4
39	36.4	34.1	51.1

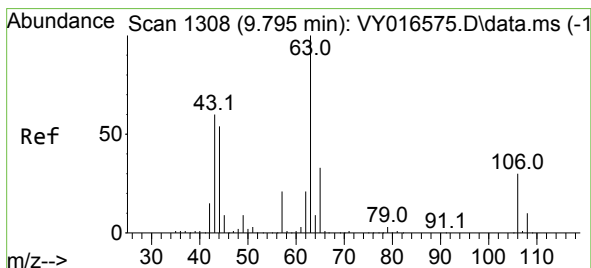
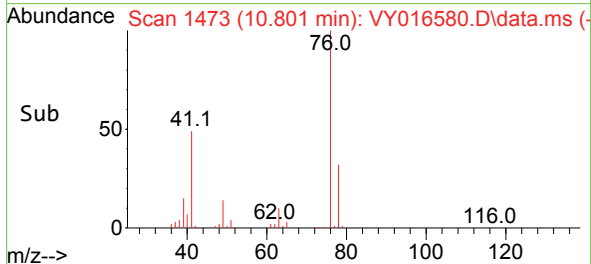
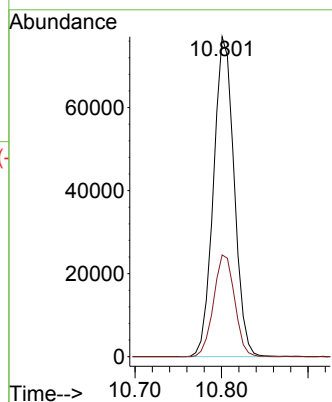
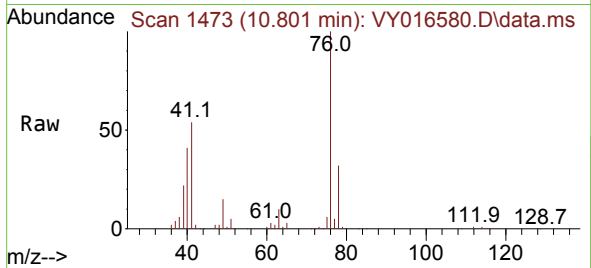




#57
1,3-Dichloropropane
Concen: 45.749 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

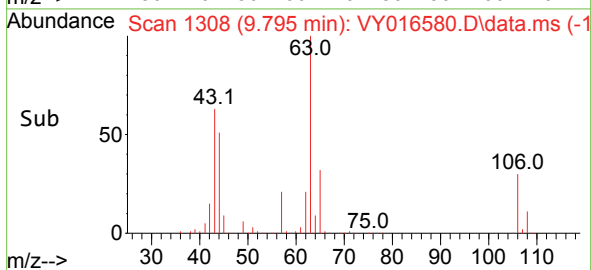
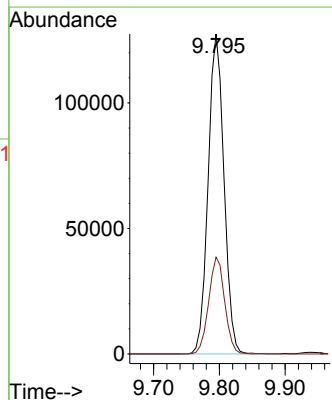
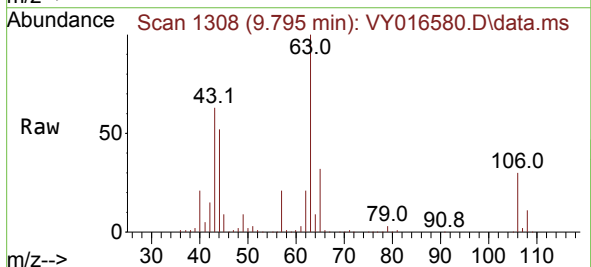
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

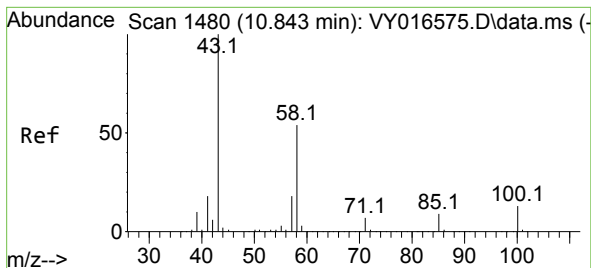
Tgt Ion: 76 Resp: 127441
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 229.277 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 63 Resp: 213568
Ion Ratio Lower Upper
63 100
106 30.5 21.2 31.8





#59

2-Hexanone

Concen: 197.292 ug/l

RT: 10.843 min Scan# 1480

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

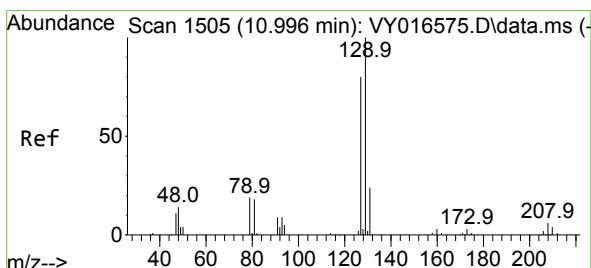
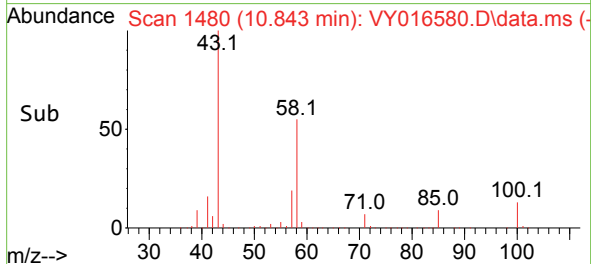
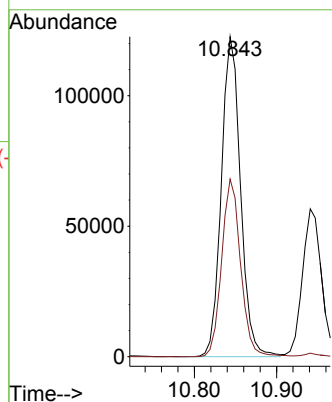
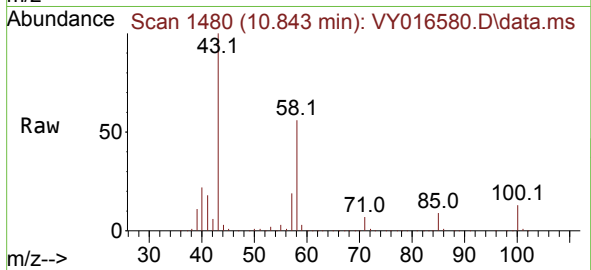
ICVVY120423

Tgt Ion: 43 Resp: 199230

Ion Ratio Lower Upper

43 100

58 54.7 25.1 75.3



#60

Dibromochloromethane

Concen: 45.665 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VY016580.D

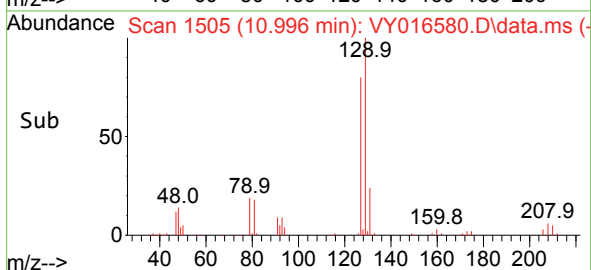
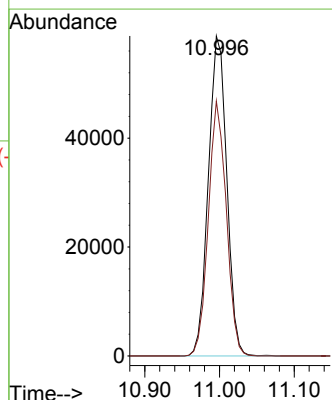
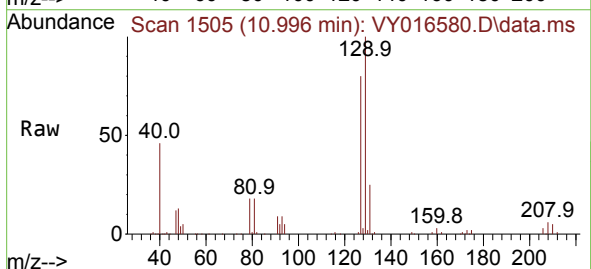
Acq: 04 Dec 2023 16:33

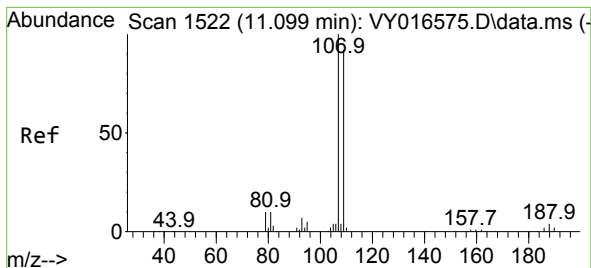
Tgt Ion: 129 Resp: 100612

Ion Ratio Lower Upper

129 100

127 77.6 38.5 115.5

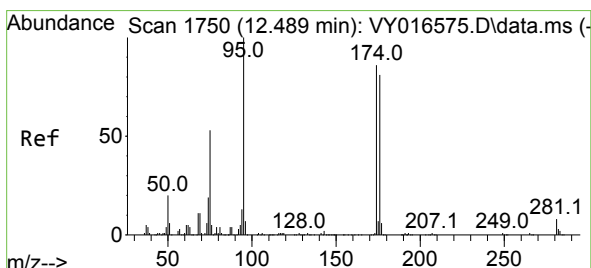
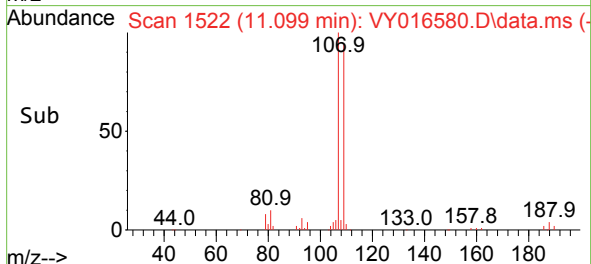
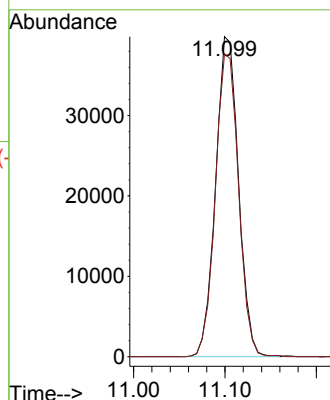
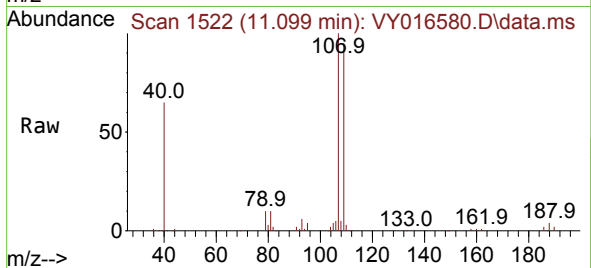




#61
1,2-Dibromoethane
Concen: 44.657 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

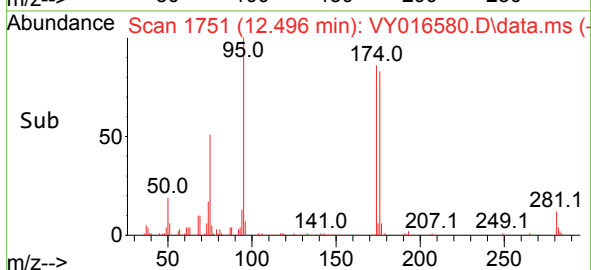
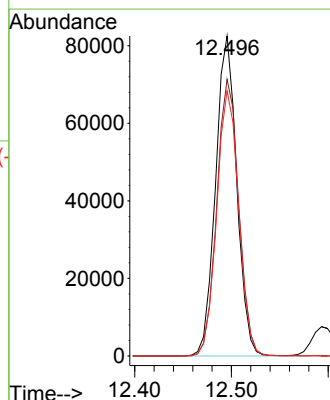
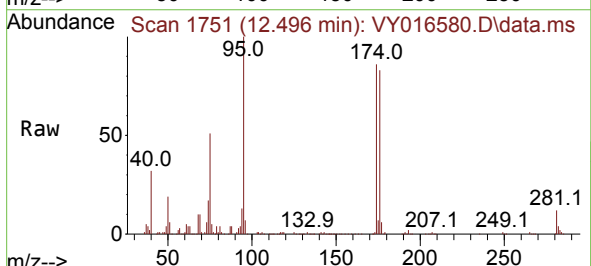
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

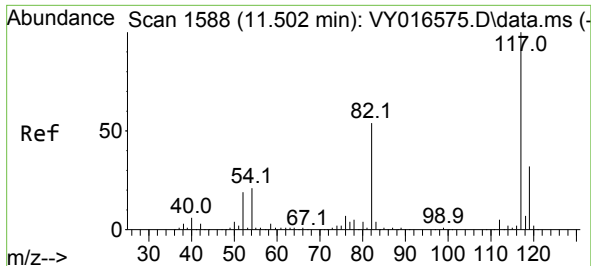
Tgt Ion:107 Resp: 69262
Ion Ratio Lower Upper
107 100
109 95.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.078 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 95 Resp: 125190
Ion Ratio Lower Upper
95 100
174 89.5 0.0 178.2
176 86.0 0.0 173.8

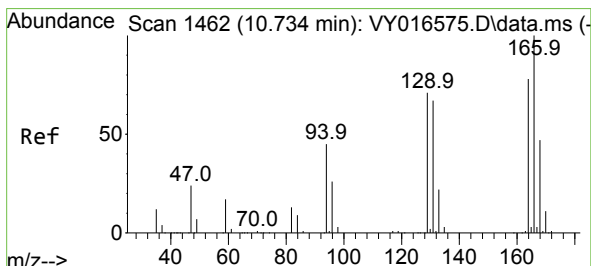
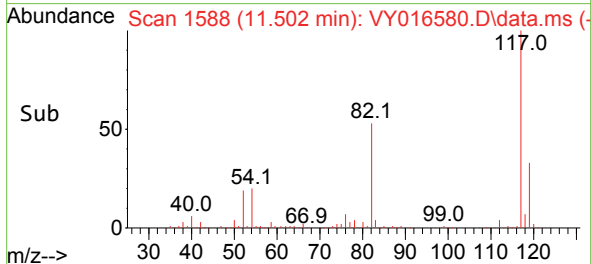
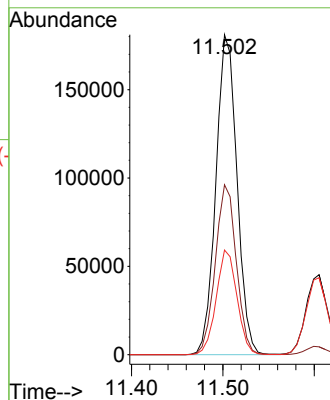
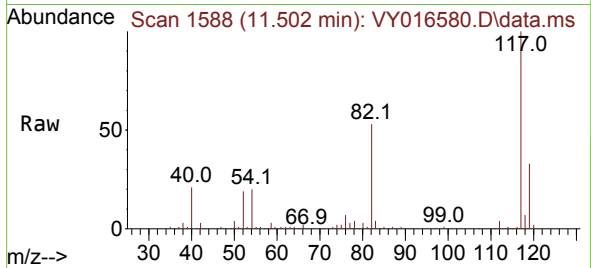




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

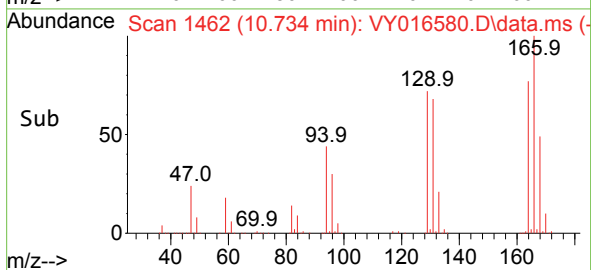
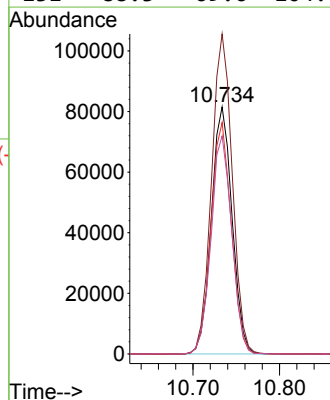
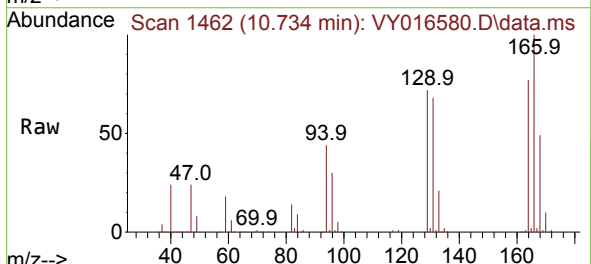
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

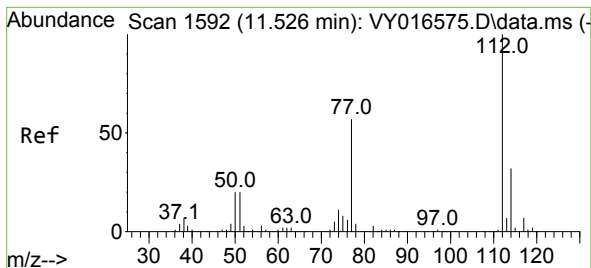
Tgt Ion:117 Resp: 290609
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 51.049 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:164 Resp: 135961
Ion Ratio Lower Upper
164 100
166 129.6 103.0 154.6
129 93.7 77.2 115.8
131 88.3 69.6 104.4





#65

Chlorobenzene

Concen: 50.736 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

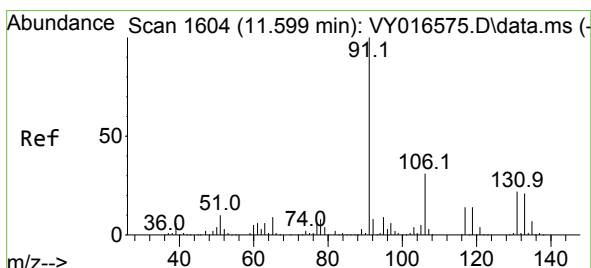
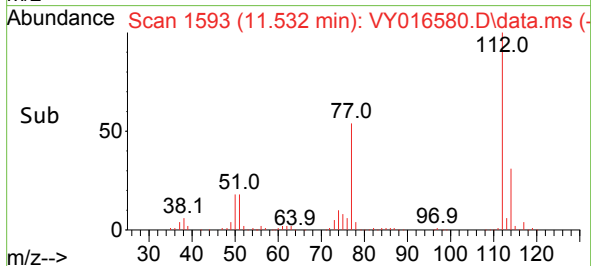
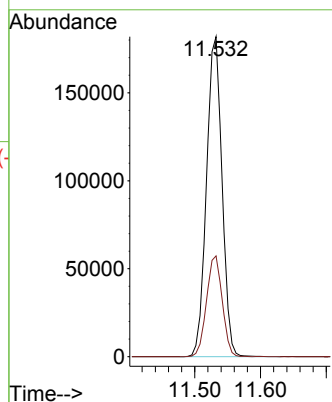
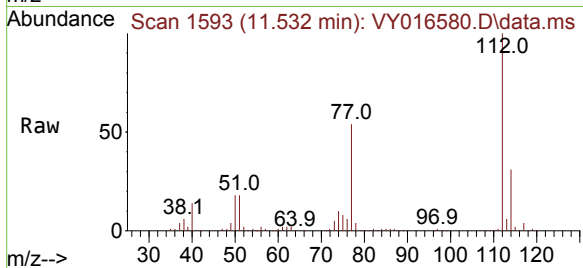
ICVVY120423

Tgt Ion:112 Resp: 298638

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.520 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

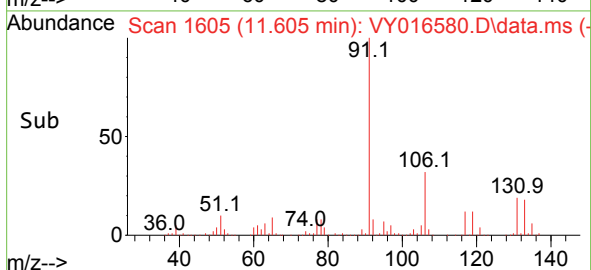
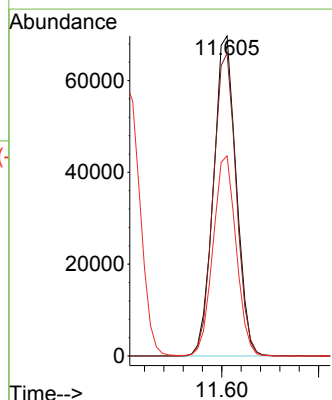
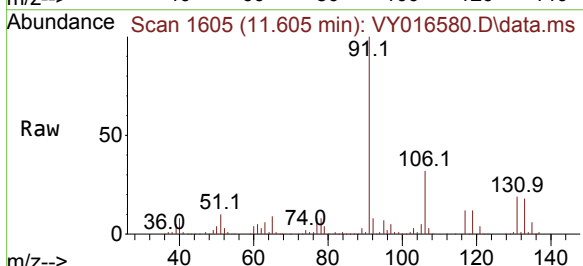
Tgt Ion:131 Resp: 113924

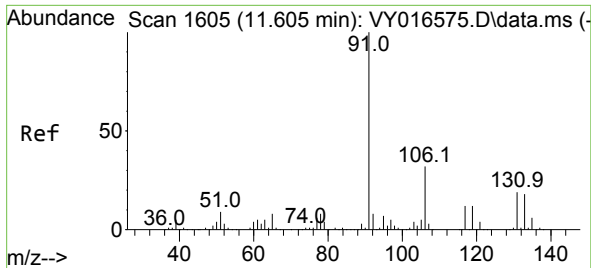
Ion Ratio Lower Upper

131 100

133 95.6 47.5 142.6

119 63.5 31.6 94.7

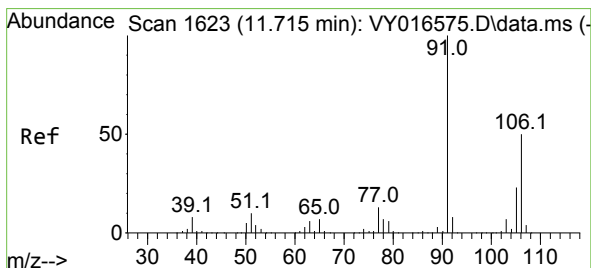
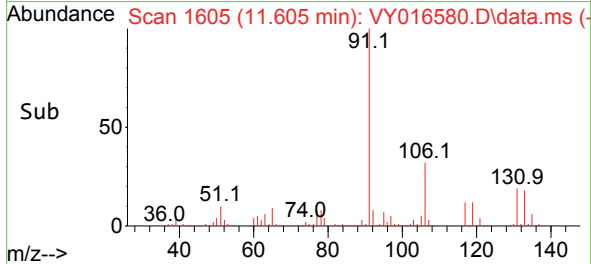
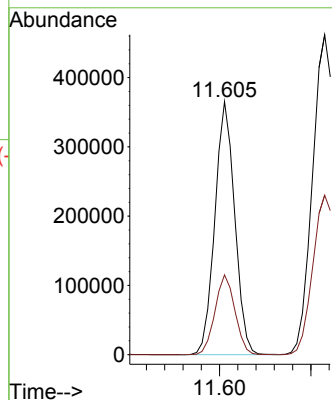
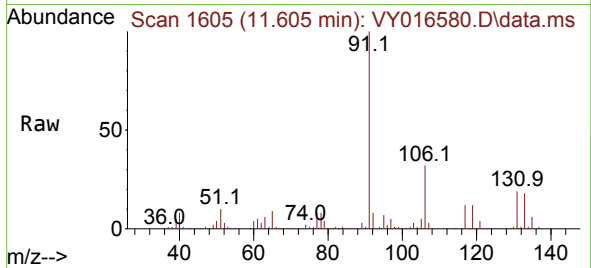




#67
Ethyl Benzene
Concen: 52.178 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

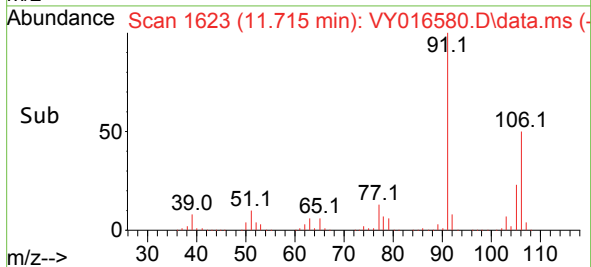
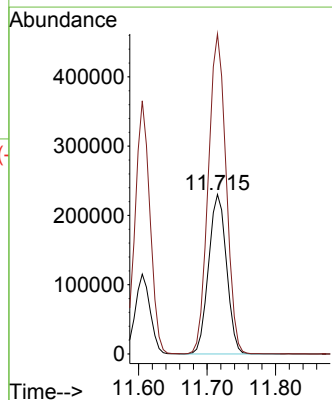
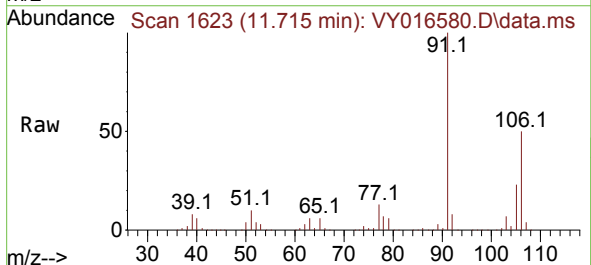
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

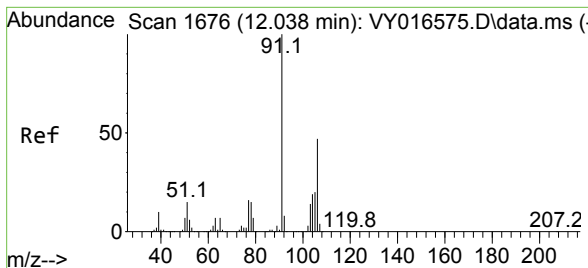
Tgt Ion: 91 Resp: 550805
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 104.692 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:106 Resp: 419546
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1

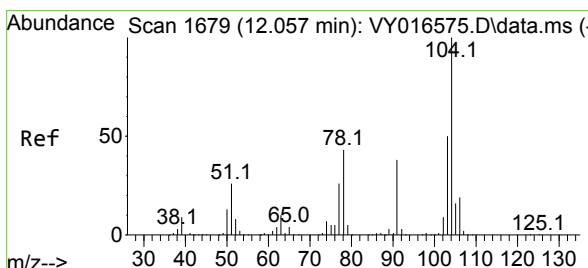
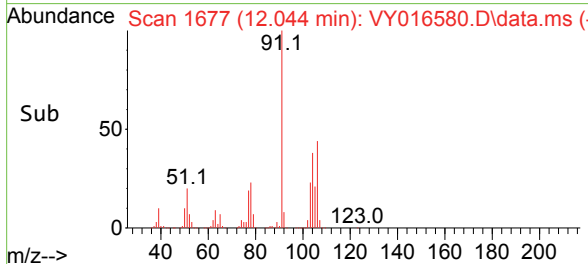
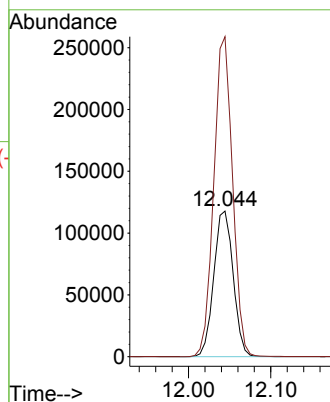
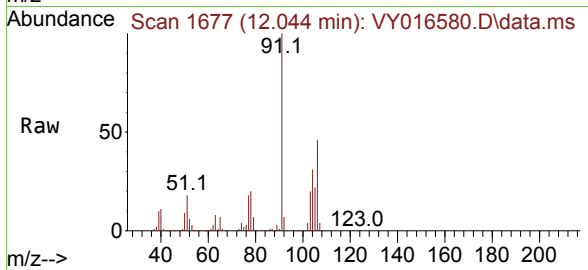




#69
o-Xylene
Concen: 51.543 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

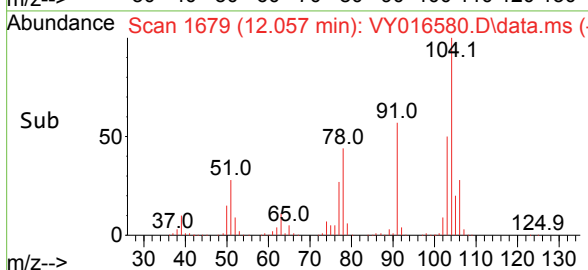
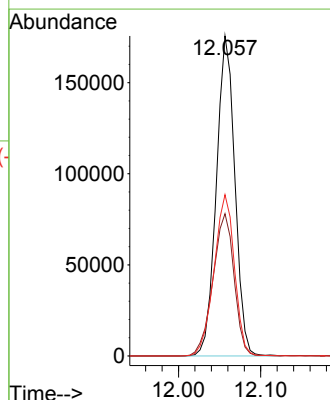
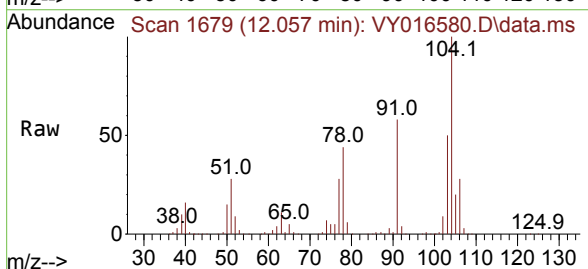
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120423

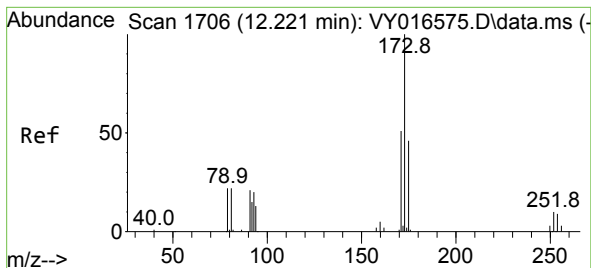
Tgt Ion:106 Resp: 192823
Ion Ratio Lower Upper
106 100
91 213.1 108.1 324.3



#70
Styrene
Concen: 51.350 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:104 Resp: 275621
Ion Ratio Lower Upper
104 100
78 50.6 41.5 62.3
103 55.5 44.6 67.0





#71

Bromoform

Concen: 46.968 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120423

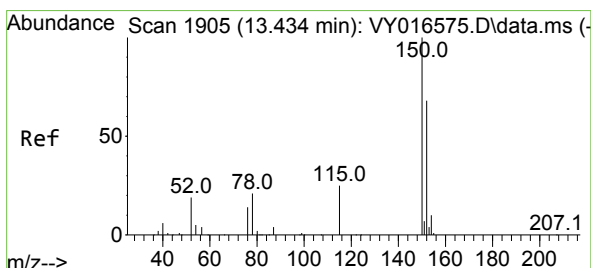
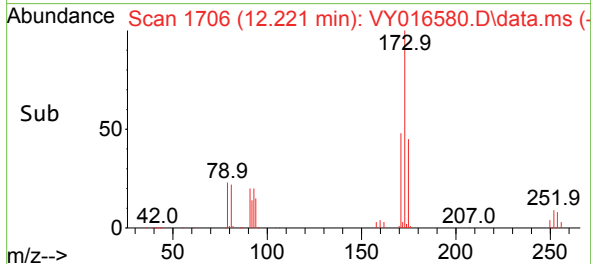
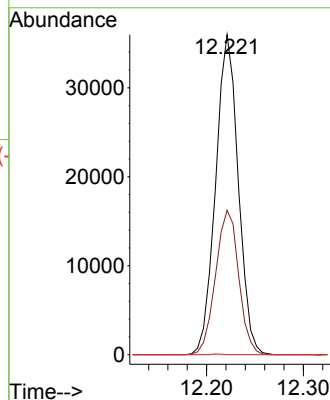
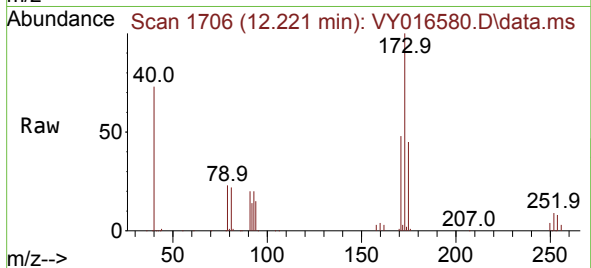
Tgt Ion:173 Resp: 58346

Ion Ratio Lower Upper

173 100

175 46.1 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

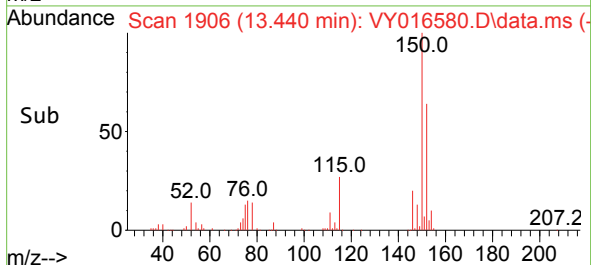
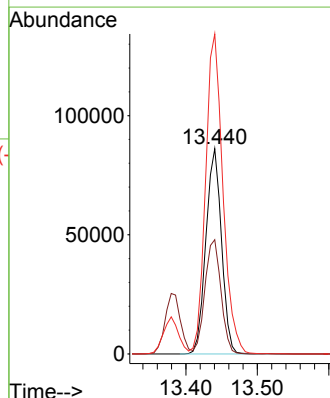
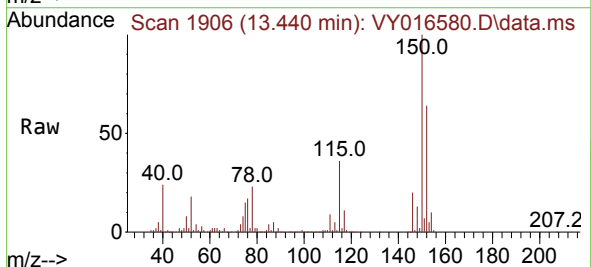
Tgt Ion:152 Resp: 130668

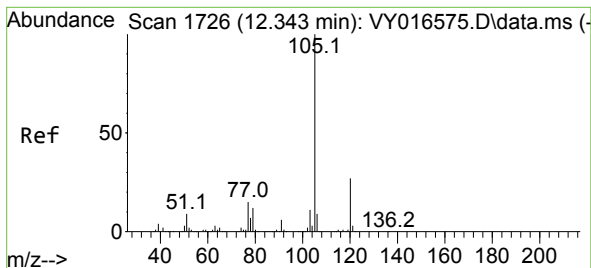
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 172.7 0.0 348.8





#73

Isopropylbenzene

Concen: 56.625 ug/l

RT: 12.343 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

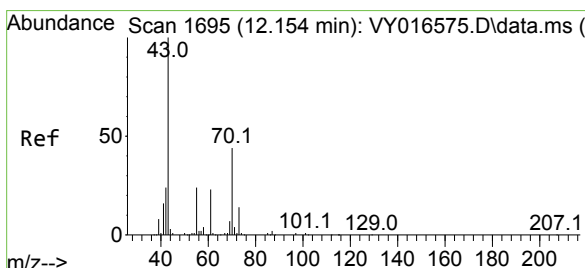
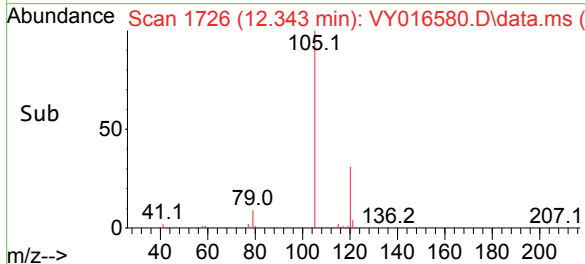
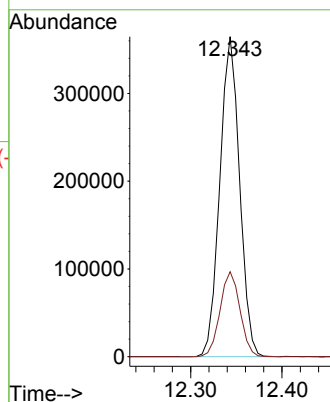
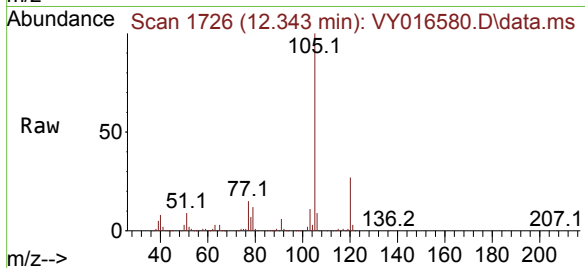
ICVVY120423

Tgt Ion:105 Resp: 547877

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 46.468 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Tgt Ion: 43 Resp: 89652

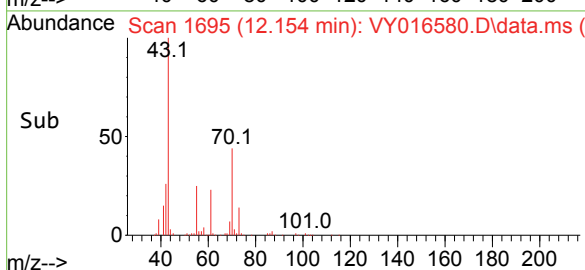
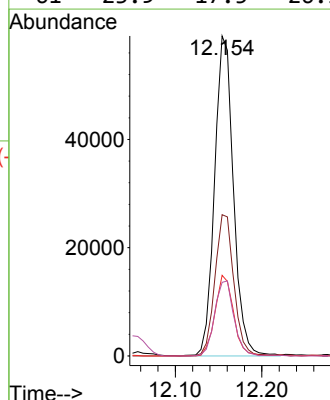
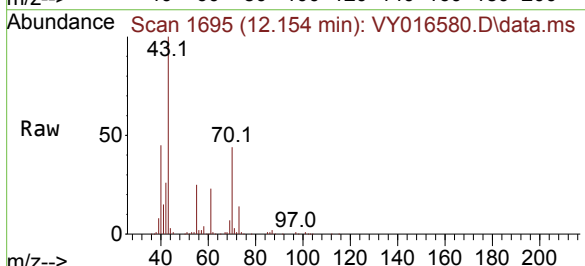
Ion Ratio Lower Upper

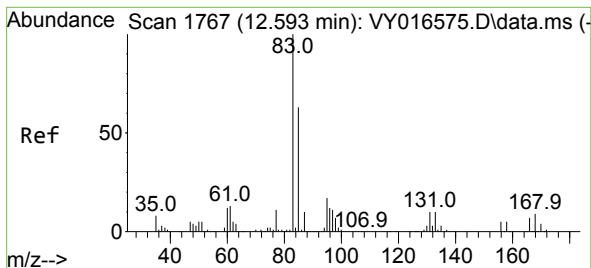
43 100

70 44.5 29.7 44.5

55 24.7 18.3 27.5

61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 46.848 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

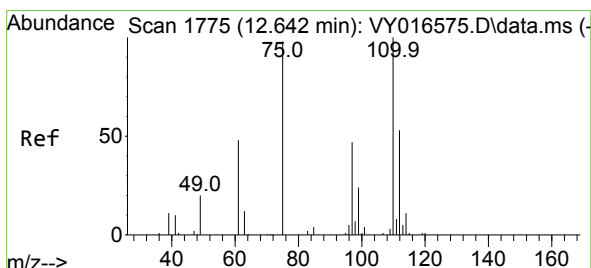
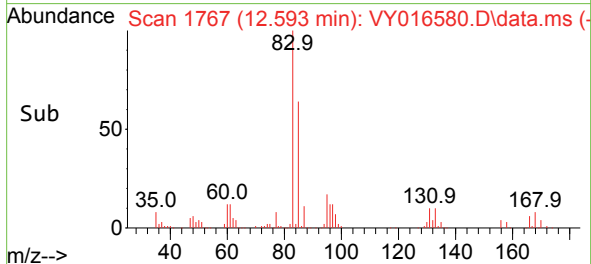
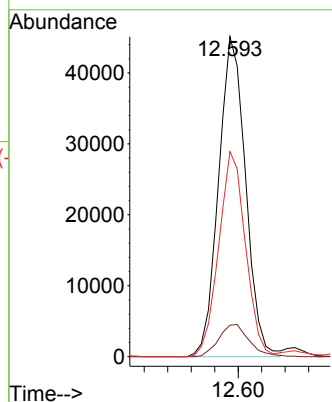
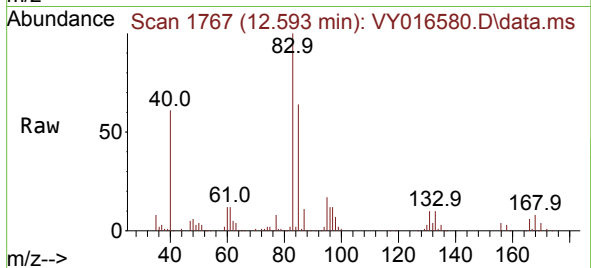
Tgt Ion: 83 Resp: 72096

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 63.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 83.494 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016580.D

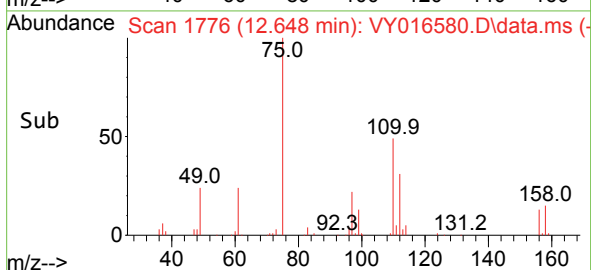
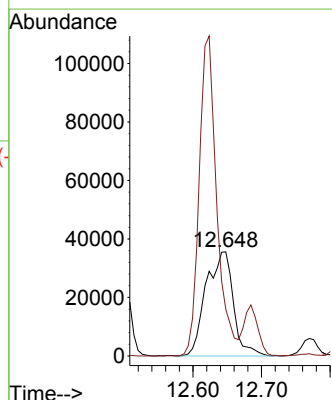
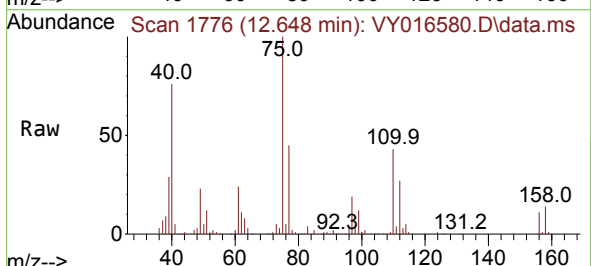
Acq: 04 Dec 2023 16:33

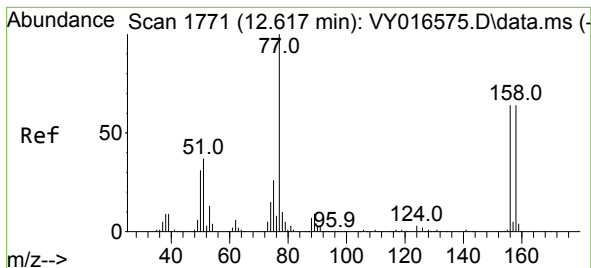
Tgt Ion: 75 Resp: 98553

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.465 ug/l

RT: 12.624 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

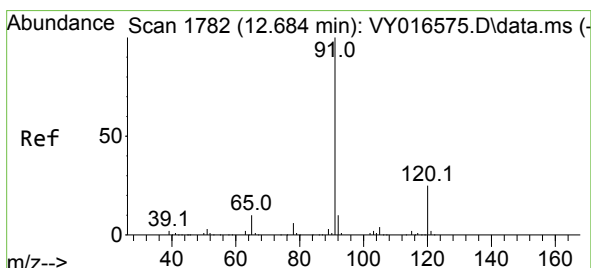
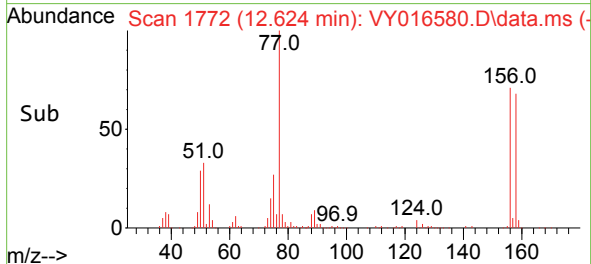
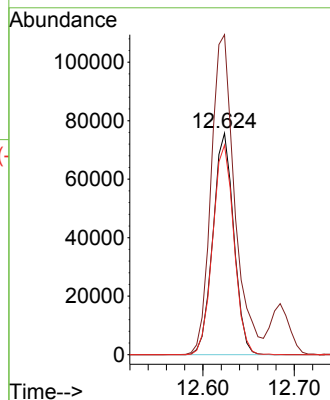
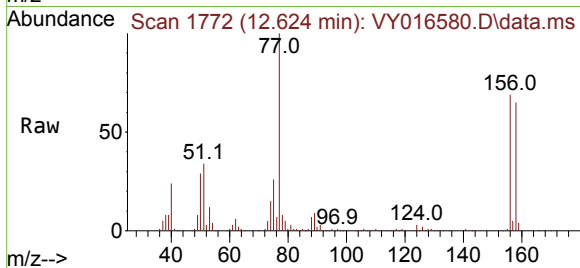
Tgt Ion:156 Resp: 119639

Ion Ratio Lower Upper

156 100

77 163.8 92.8 278.6

158 96.8 48.4 145.3



#78

n-propylbenzene

Concen: 55.938 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY016580.D

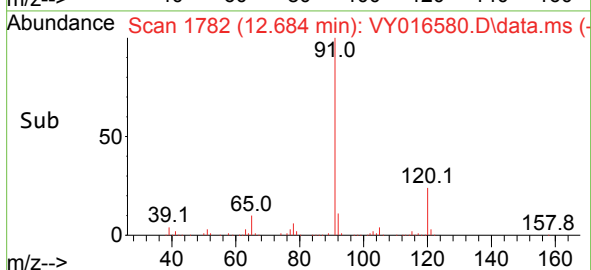
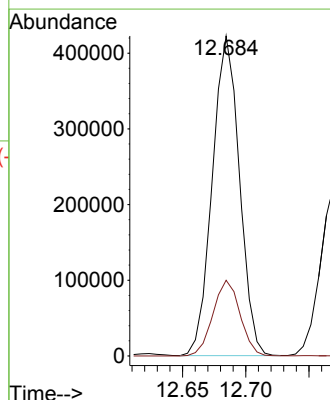
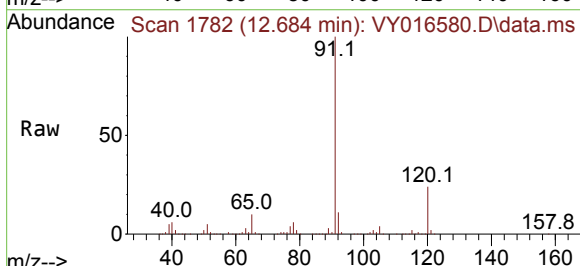
Acq: 04 Dec 2023 16:33

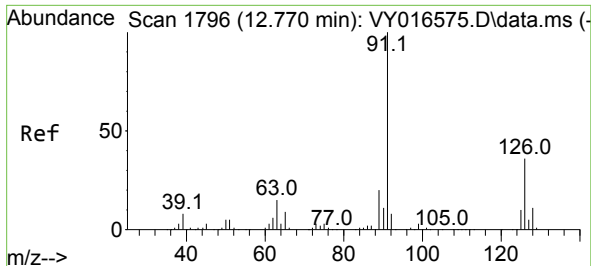
Tgt Ion: 91 Resp: 629952

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.915 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

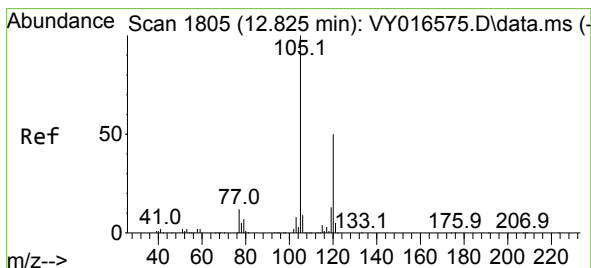
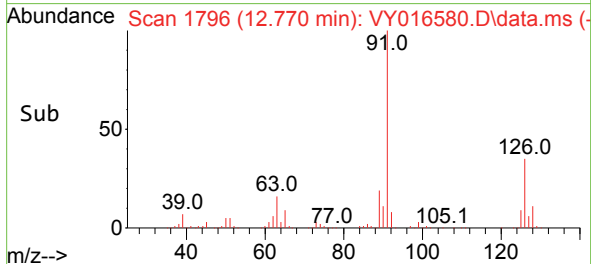
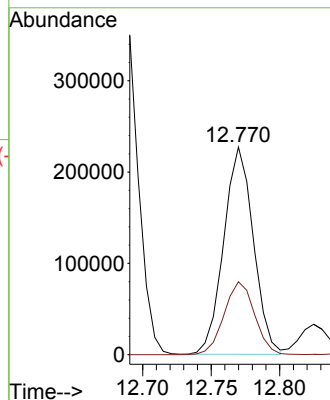
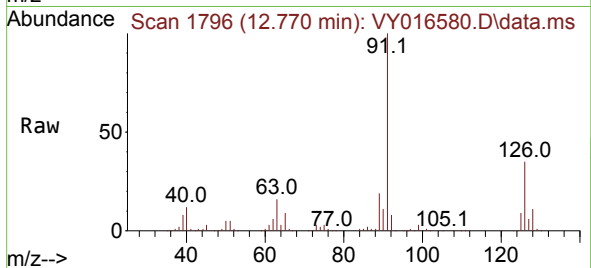
ICVVY120423

Tgt Ion: 91 Resp: 342149

Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 55.159 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY016580.D

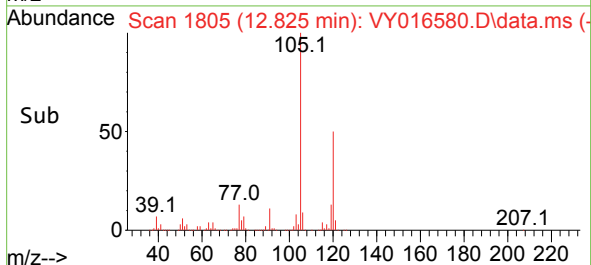
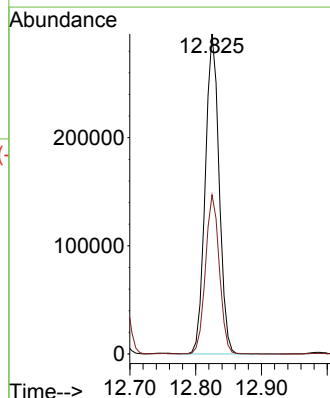
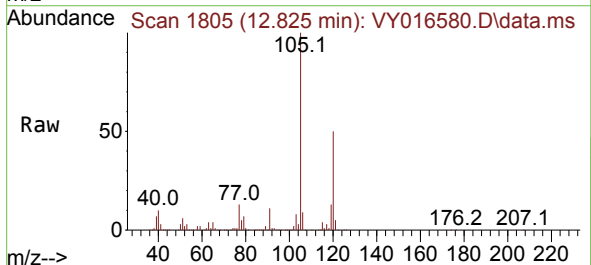
Acq: 04 Dec 2023 16:33

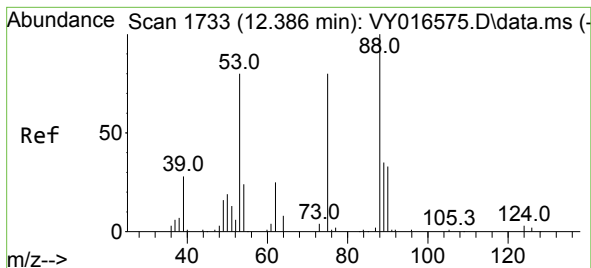
Tgt Ion:105 Resp: 433662

Ion Ratio Lower Upper

105 100

120 49.8 23.9 71.7

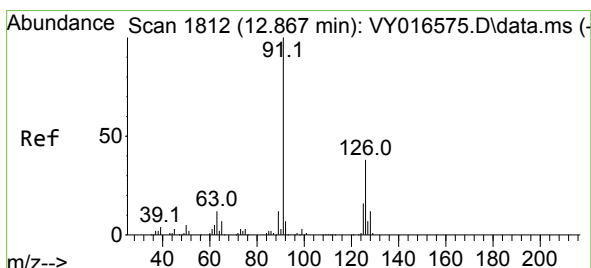
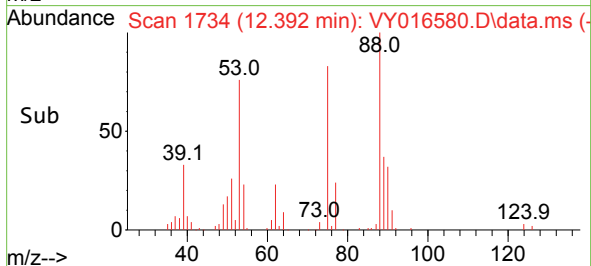
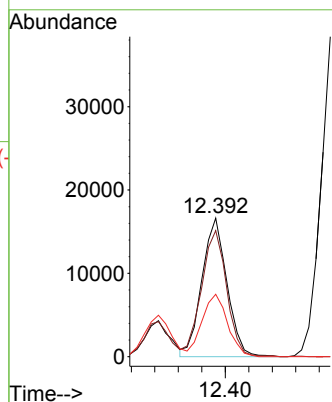
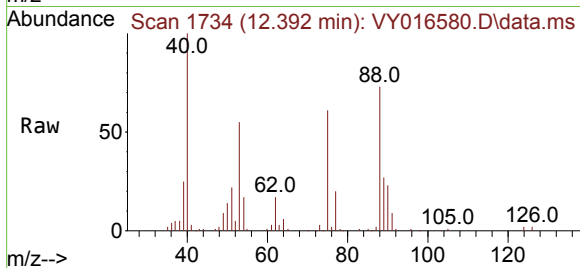




#81
trans-1,4-Dichloro-2-butene
Concen: 46.954 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

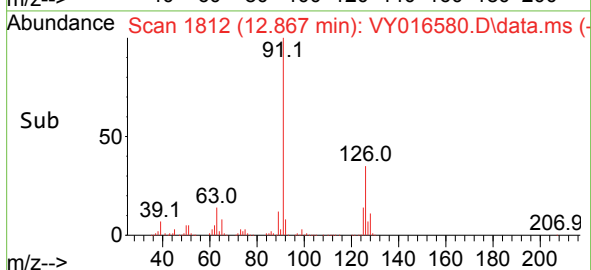
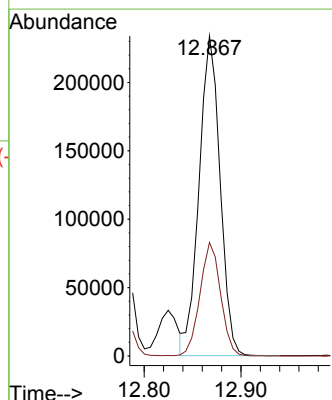
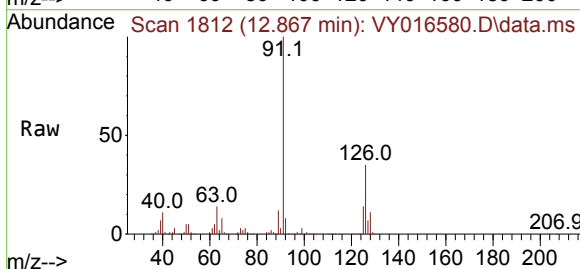
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120423

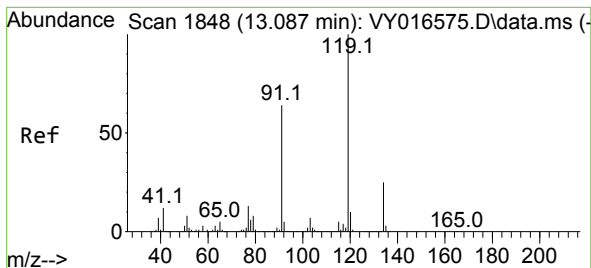
Tgt Ion	Ratio	Lower	Upper
75	100		
53	92.1	77.8	116.8
89	45.9	37.4	56.0



#82
4-Chlorotoluene
Concen: 53.699 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.2	51.6





#83

tert-Butylbenzene

Concen: 55.694 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

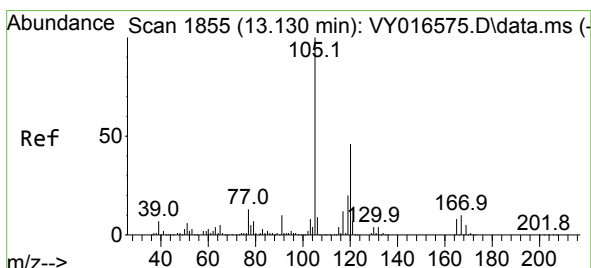
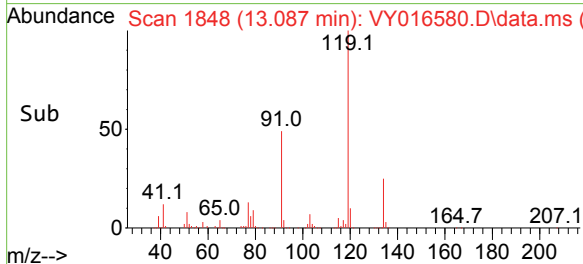
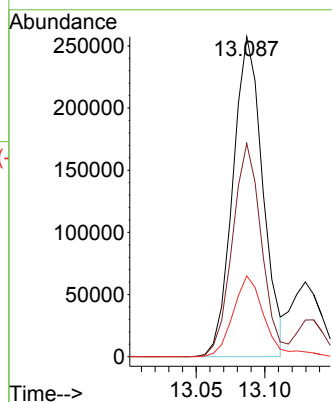
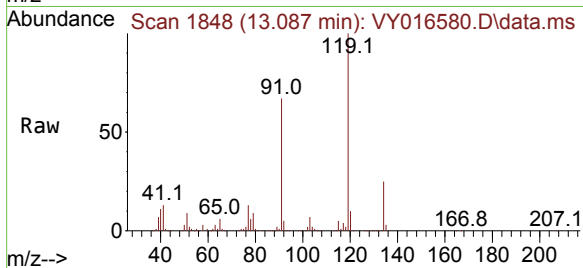
Tgt Ion:119 Resp: 391219

Ion Ratio Lower Upper

119 100

91 65.4 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.093 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016580.D

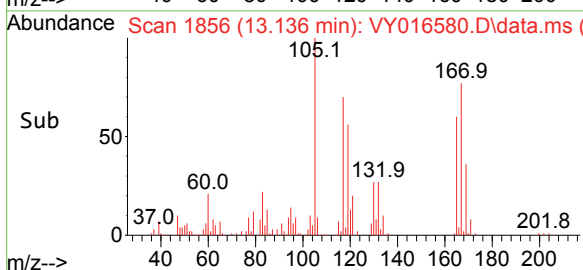
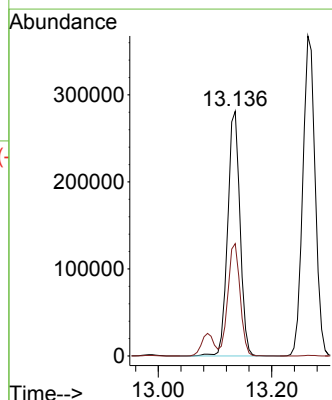
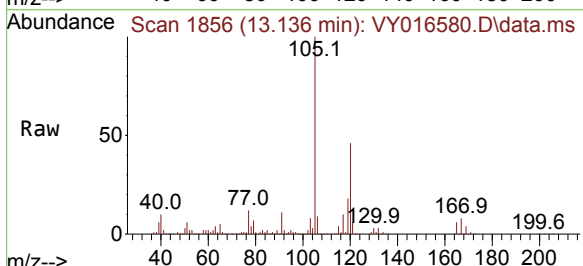
Acq: 04 Dec 2023 16:33

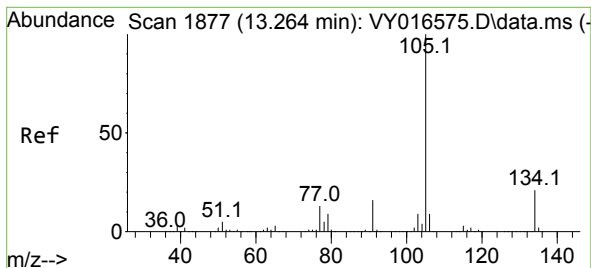
Tgt Ion:105 Resp: 423081

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 56.230 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

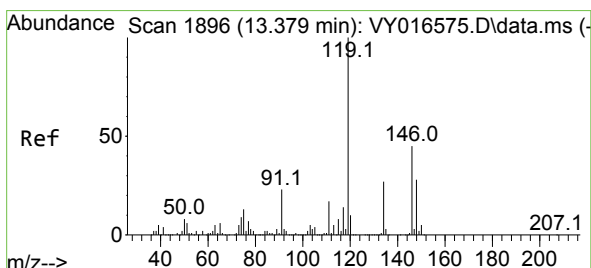
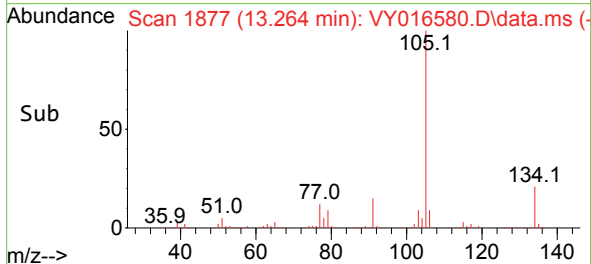
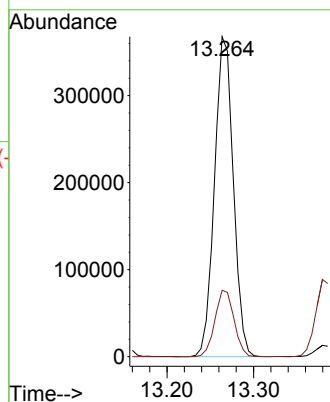
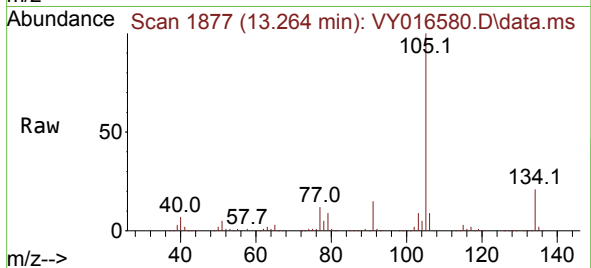
ICVY120423

Tgt Ion:105 Resp: 554759

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.271 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

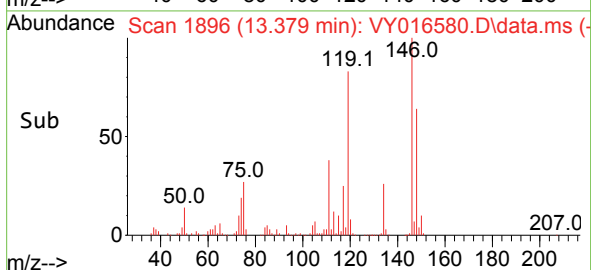
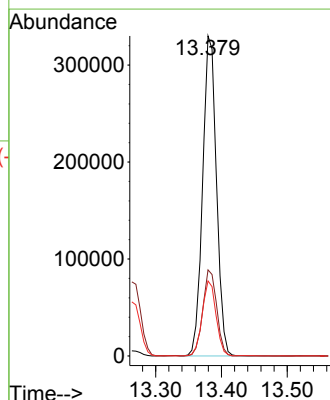
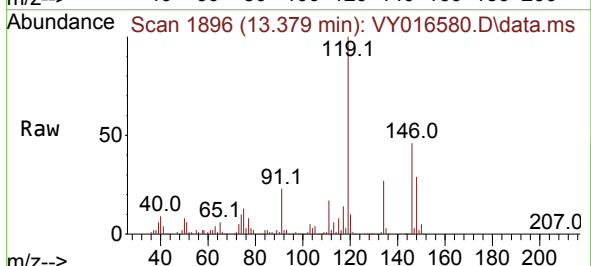
Tgt Ion:119 Resp: 481913

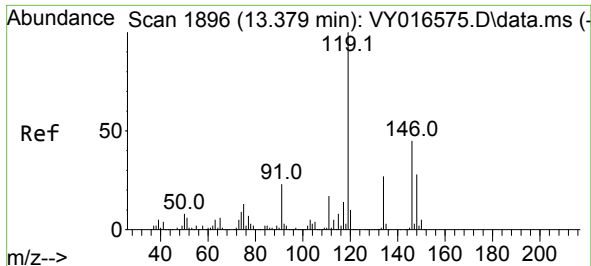
Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

91 23.4 12.4 37.4

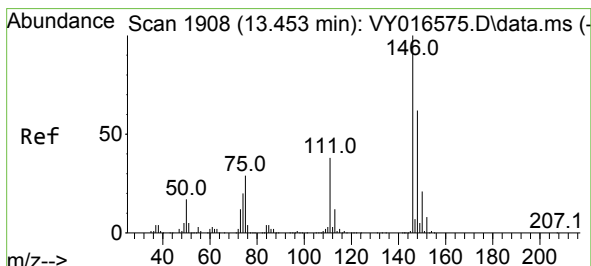
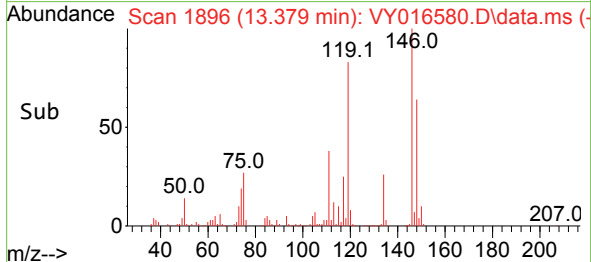
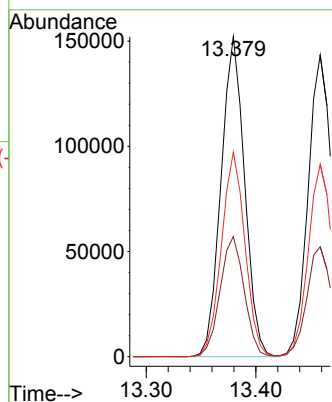
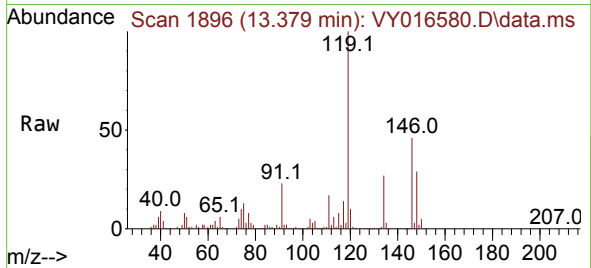




#87
1,3-Dichlorobenzene
Concen: 52.196 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

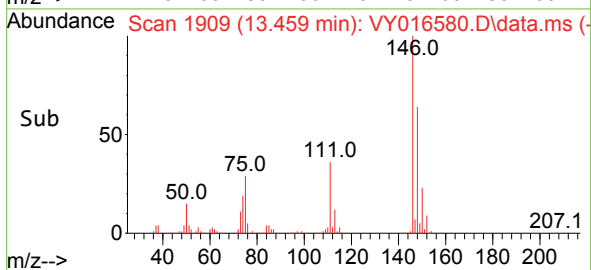
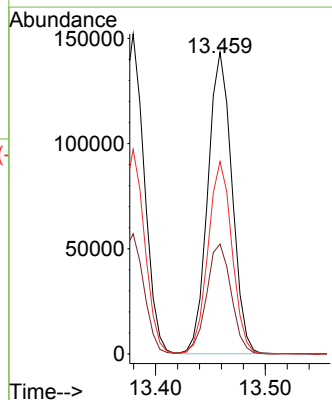
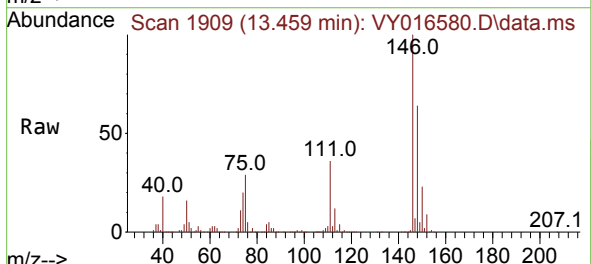
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

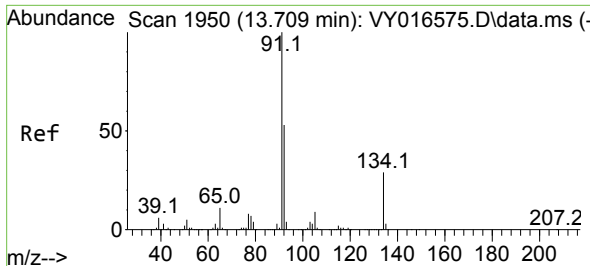
Tgt Ion:146 Resp: 227208
Ion Ratio Lower Upper
146 100
111 38.5 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 51.338 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion:146 Resp: 219319
Ion Ratio Lower Upper
146 100
111 37.4 18.9 56.7
148 63.4 32.1 96.5

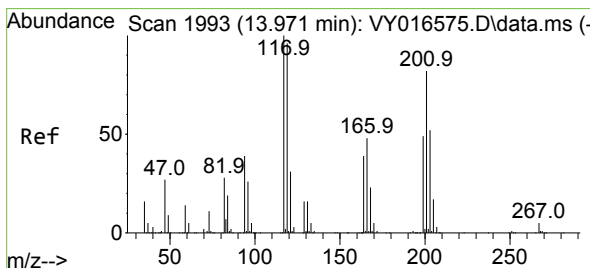
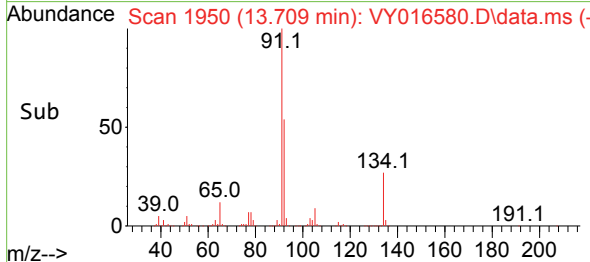
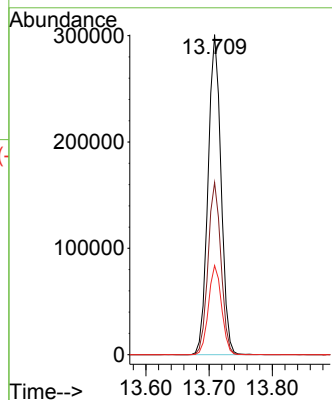
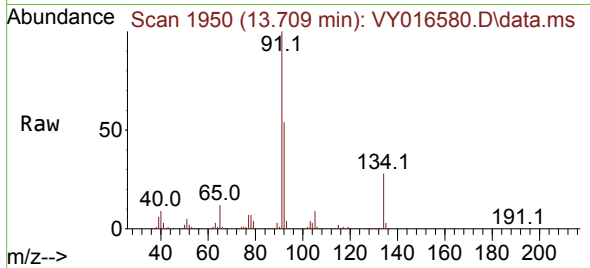




#89
n-Butylbenzene
Concen: 55.963 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

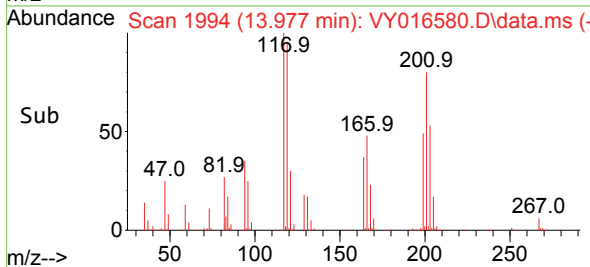
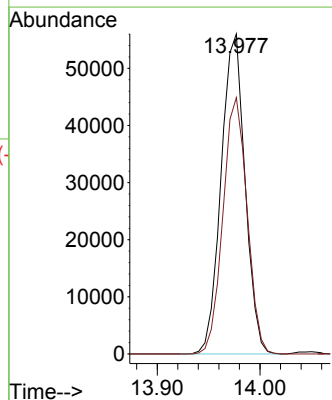
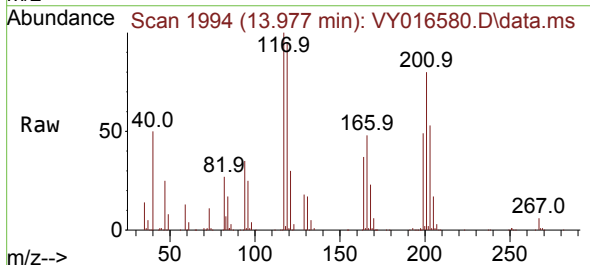
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

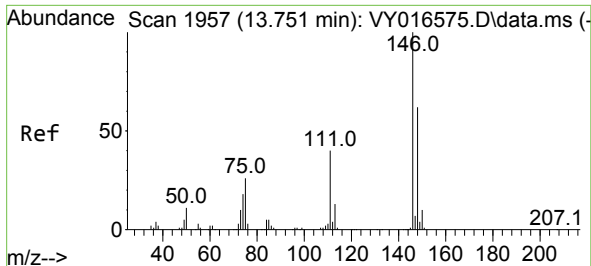
Tgt Ion: 91 Resp: 431014
Ion Ratio Lower Upper
91 100
92 53.4 25.4 76.0
134 28.0 12.6 37.6



#90
Hexachloroethane
Concen: 53.641 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 117 Resp: 90390
Ion Ratio Lower Upper
117 100
201 80.8 41.6 124.8

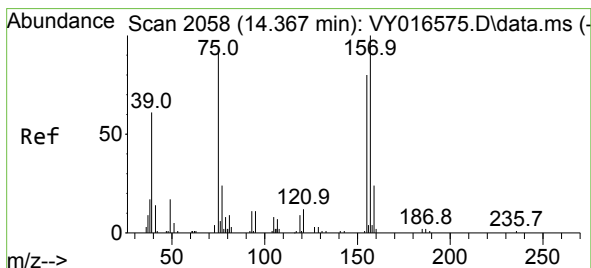
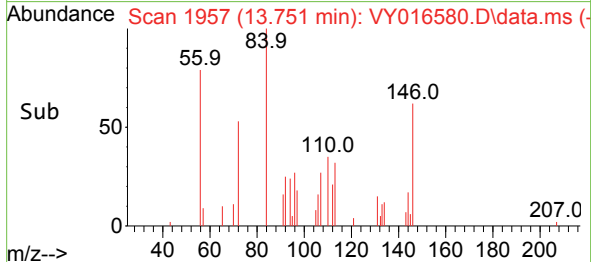
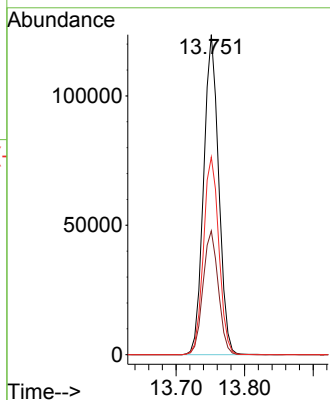
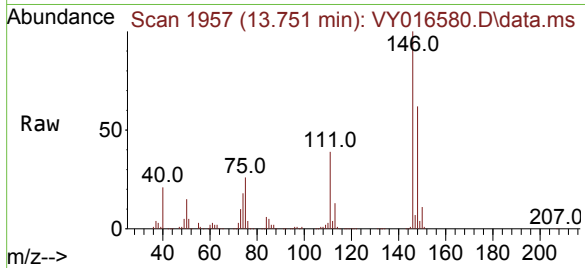




#91
1,2-Dichlorobenzene
Concen: 50.642 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

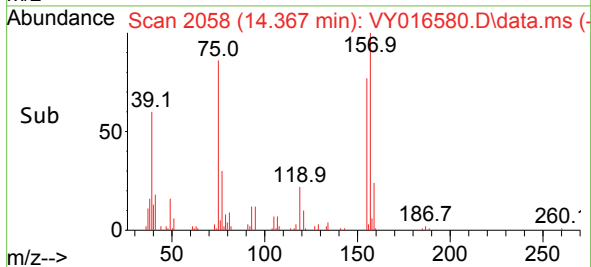
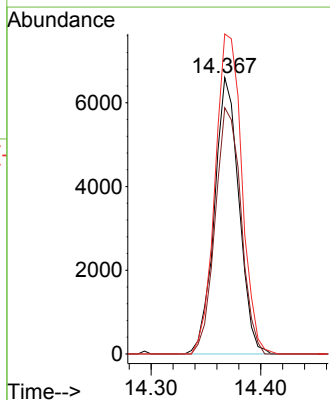
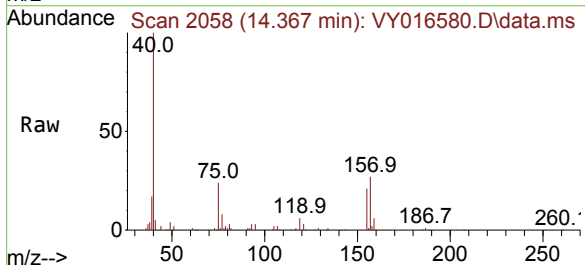
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120423

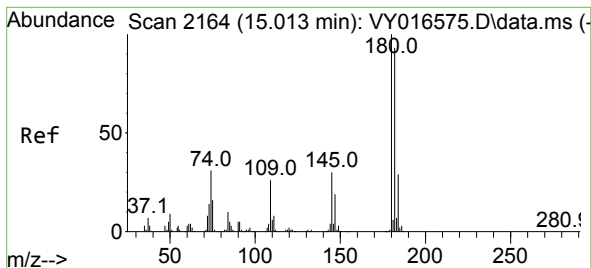
Tgt Ion:146 Resp: 189264
Ion Ratio Lower Upper
146 100
111 39.3 19.7 59.0
148 63.0 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 41.751 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016580.D
Acq: 04 Dec 2023 16:33

Tgt Ion: 75 Resp: 10282
Ion Ratio Lower Upper
75 100
155 93.5 41.5 124.6
157 125.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.870 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120423

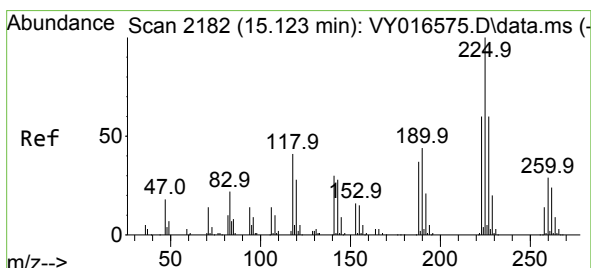
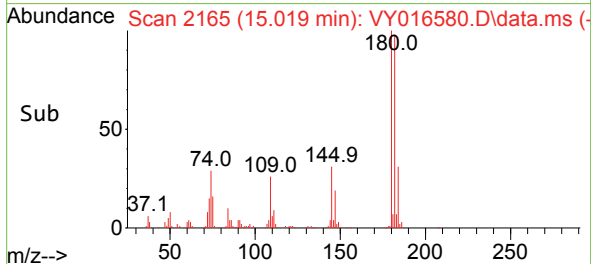
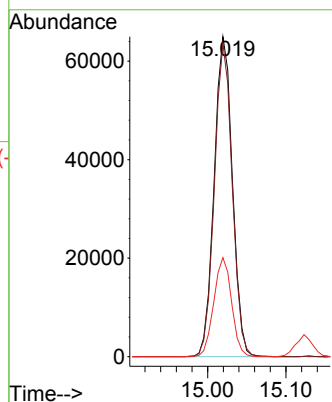
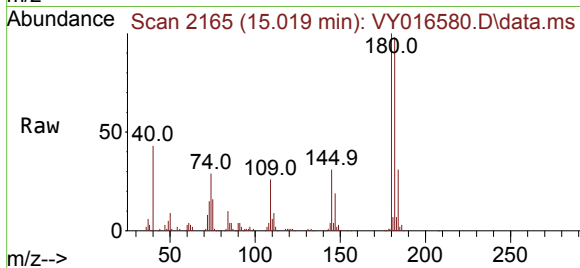
Tgt Ion:180 Resp: 105172

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.249 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

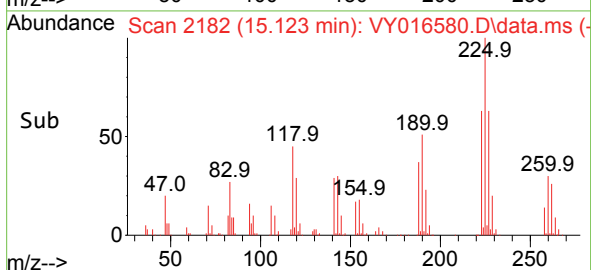
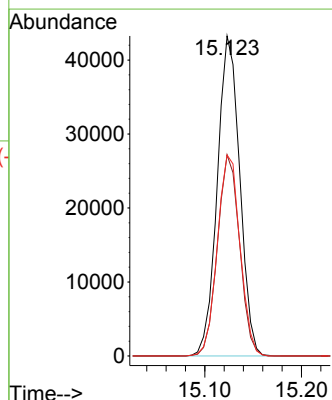
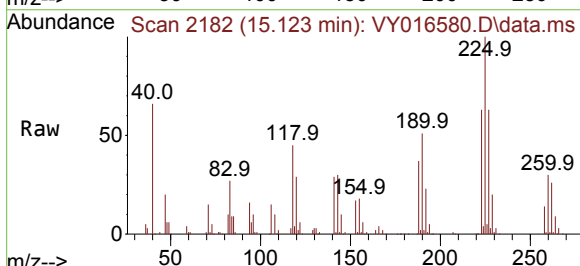
Tgt Ion:225 Resp: 69618

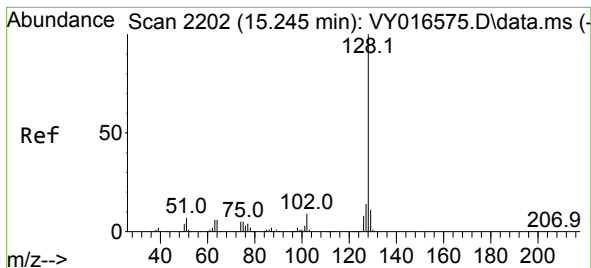
Ion Ratio Lower Upper

225 100

223 61.9 31.9 95.9

227 63.5 33.0 98.9





#95

Naphthalene

Concen: 49.146 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120423

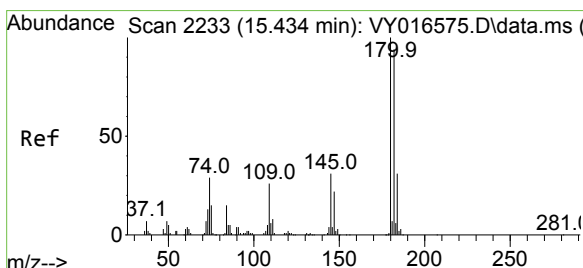
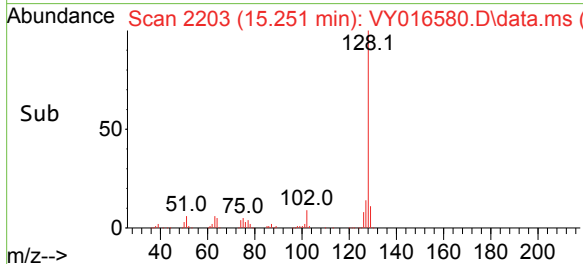
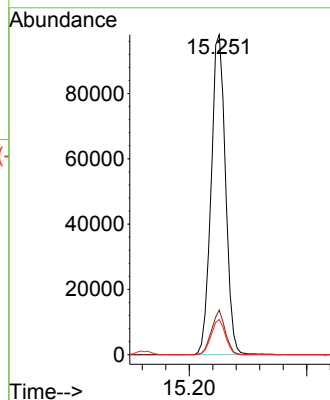
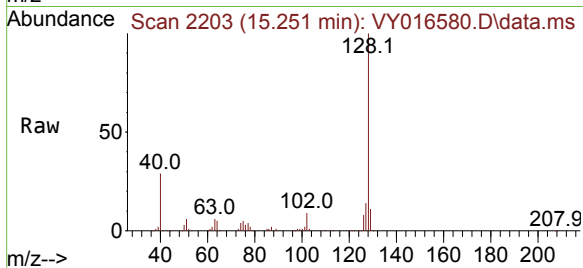
Tgt Ion:128 Resp: 166367

Ion Ratio Lower Upper

128 100

127 13.2 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 50.456 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016580.D

Acq: 04 Dec 2023 16:33

Tgt Ion:180 Resp: 83004

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 31.3 15.4 46.2

