

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016588.D
 Acq On : 05 Dec 2023 08:22
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICSVY120523

Quant Time: Dec 06 02:19:30 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	7.813	168	216902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	316021	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	275762	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.447	152	136781	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	97249	48.509	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.746	113	96744	50.869	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.740%
50) Toluene-d8	10.203	98	365636	50.827	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.660%
62) 4-Bromofluorobenzene	12.502	95	124156	52.482	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	87445	45.640	ug/l	97
3) Chloromethane	2.131	50	81333	40.920	ug/l	97
4) Vinyl Chloride	2.272	62	88801	44.241	ug/l	98
5) Bromomethane	2.674	94	55635	44.249	ug/l	97
6) Chloroethane	2.820	64	55013	44.371	ug/l	91
7) Trichlorofluoromethane	3.150	101	180675	47.615	ug/l	98
8) Diethyl Ether	3.558	74	48909	46.280	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.930	101	99690	46.980	ug/l	98
10) Methyl Iodide	4.125	142	115704	51.608	ug/l	99
11) Tert butyl alcohol	4.991	59	30853	225.877	ug/l #	80
12) 1,1-Dichloroethene	3.899	96	93767	48.644	ug/l	89
13) Acrolein	3.759	56	46100	232.148	ug/l	99
14) Allyl chloride	4.515	41	136528	46.411	ug/l	96
15) Acrylonitrile	5.192	53	100973	236.726	ug/l	98
16) Acetone	3.973	43	114083	251.475	ug/l	92
17) Carbon Disulfide	4.229	76	257973	47.734	ug/l	98
18) Methyl Acetate	4.515	43	87365	48.584	ug/l #	90
19) Methyl tert-butyl Ether	5.253	73	236088	49.824	ug/l	98
20) Methylene Chloride	4.753	84	95189	47.422	ug/l	90
21) trans-1,2-Dichloroethene	5.253	96	104654	48.280	ug/l	91
22) Diisopropyl ether	6.155	45	284584	47.038	ug/l	89
23) Vinyl Acetate	6.094	43	688910	237.196	ug/l #	93
24) 1,1-Dichloroethane	6.051	63	174011	46.816	ug/l	97
25) 2-Butanone	7.015	43	147623	236.647	ug/l	95
26) 2,2-Dichloropropane	7.015	77	172335	49.319	ug/l	99
27) cis-1,2-Dichloroethene	7.021	96	115426	48.375	ug/l	94
28) Bromochloromethane	7.362	49	70941	47.120	ug/l #	82
29) Tetrahydrofuran	7.381	42	84744	238.275	ug/l	92
30) Chloroform	7.539	83	189848	47.916	ug/l	96
31) Cyclohexane	7.813	56	153463	44.841	ug/l	88
32) 1,1,1-Trichloroethane	7.734	97	183864	49.035	ug/l	97
36) 1,1-Dichloropropene	7.947	75	144608	50.020	ug/l	99
37) Ethyl Acetate	7.100	43	58455	48.322	ug/l #	96
38) Carbon Tetrachloride	7.929	117	172037	51.403	ug/l	98
39) Methylcyclohexane	9.209	83	176733	50.740	ug/l	93
40) Benzene	8.185	78	404570	49.649	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	32138	45.999	ug/l #	68
42) 1,2-Dichloroethane	8.265	62	119693	50.587	ug/l	96
43) Isopropyl Acetate	8.295	43	117422	50.317	ug/l	93
44) Trichloroethene	8.966	130	123485	50.250	ug/l	93
45) 1,2-Dichloropropane	9.240	63	95362	48.609	ug/l	99
46) Dibromomethane	9.331	93	54456	50.634	ug/l	97
47) Bromodichloromethane	9.520	83	144684	50.532	ug/l	98
48) Methyl methacrylate	9.313	41	69245	51.379	ug/l	92
49) 1,4-Dioxane	9.325	88	11002	1010.680	ug/l #	60
51) 4-Methyl-2-Pentanone	10.093	43	307718	253.733	ug/l	94
52) Toluene	10.264	92	263444	51.584	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	137345	50.828	ug/l	100
54) cis-1,3-Dichloropropene	9.953	75	162800	51.299	ug/l	94
55) 1,1,2-Trichloroethane	10.666	97	75898	50.662	ug/l	96
56) Ethyl methacrylate	10.532	69	71497	52.065	ug/l	90
57) 1,3-Dichloropropane	10.813	76	128421	50.743	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.807	63	234725	277.365	ug/l	90
59) 2-Hexanone	10.849	43	239685	261.255	ug/l	93
60) Dibromochloromethane	11.008	129	104210	52.061	ug/l	99
61) 1,2-Dibromoethane	11.112	107	73368	52.068	ug/l	98
64) Tetrachloroethene	10.746	164	128485	50.839	ug/l	93
65) Chlorobenzene	11.538	112	280230	50.172	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	111160	50.920	ug/l	100
67) Ethyl Benzene	11.611	91	504194	50.334	ug/l	99
68) m/p-Xylenes	11.721	106	385708	101.431	ug/l	95
69) o-Xylene	12.050	106	182367	51.373	ug/l	97
70) Styrene	12.063	104	265628	52.152	ug/l	99
71) Bromoform	12.227	173	63417	53.799	ug/l #	97
73) Isopropylbenzene	12.349	105	506270	49.986	ug/l	99
74) N-amyl acetate	12.160	43	96507	47.786	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.599	83	79265	49.205	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	108211	87.579	ug/l #	100
77) Bromobenzene	12.630	156	118611	49.690	ug/l	90
78) n-propylbenzene	12.691	91	581134	49.296	ug/l	97
79) 2-Chlorotoluene	12.776	91	323780	48.740	ug/l	98
80) 1,3,5-Trimethylbenzene	12.831	105	410636	49.896	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.398	75	26793	48.916	ug/l	96
82) 4-Chlorotoluene	12.873	91	330196	48.037	ug/l	97
83) tert-Butylbenzene	13.093	119	367448	49.972	ug/l	99
84) 1,2,4-Trimethylbenzene	13.142	105	405039	50.387	ug/l	98
85) sec-Butylbenzene	13.276	105	510897	49.470	ug/l	98
86) p-Isopropyltoluene	13.392	119	456241	50.893	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	226510	49.710	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	223859	50.059	ug/l	99
89) n-Butylbenzene	13.715	91	411475	51.038	ug/l	96
90) Hexachloroethane	13.983	117	87170	49.419	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	197882	50.581	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	13337	51.736	ug/l	89
93) 1,2,4-Trichlorobenzene	15.025	180	124296	56.304	ug/l	99
94) Hexachlorobutadiene	15.129	225	74988	53.764	ug/l	99
95) Naphthalene	15.257	128	211580	57.849	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	102133	58.089	ug/l	99

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QLast Update : Tue Dec 05 01:24:25 2023
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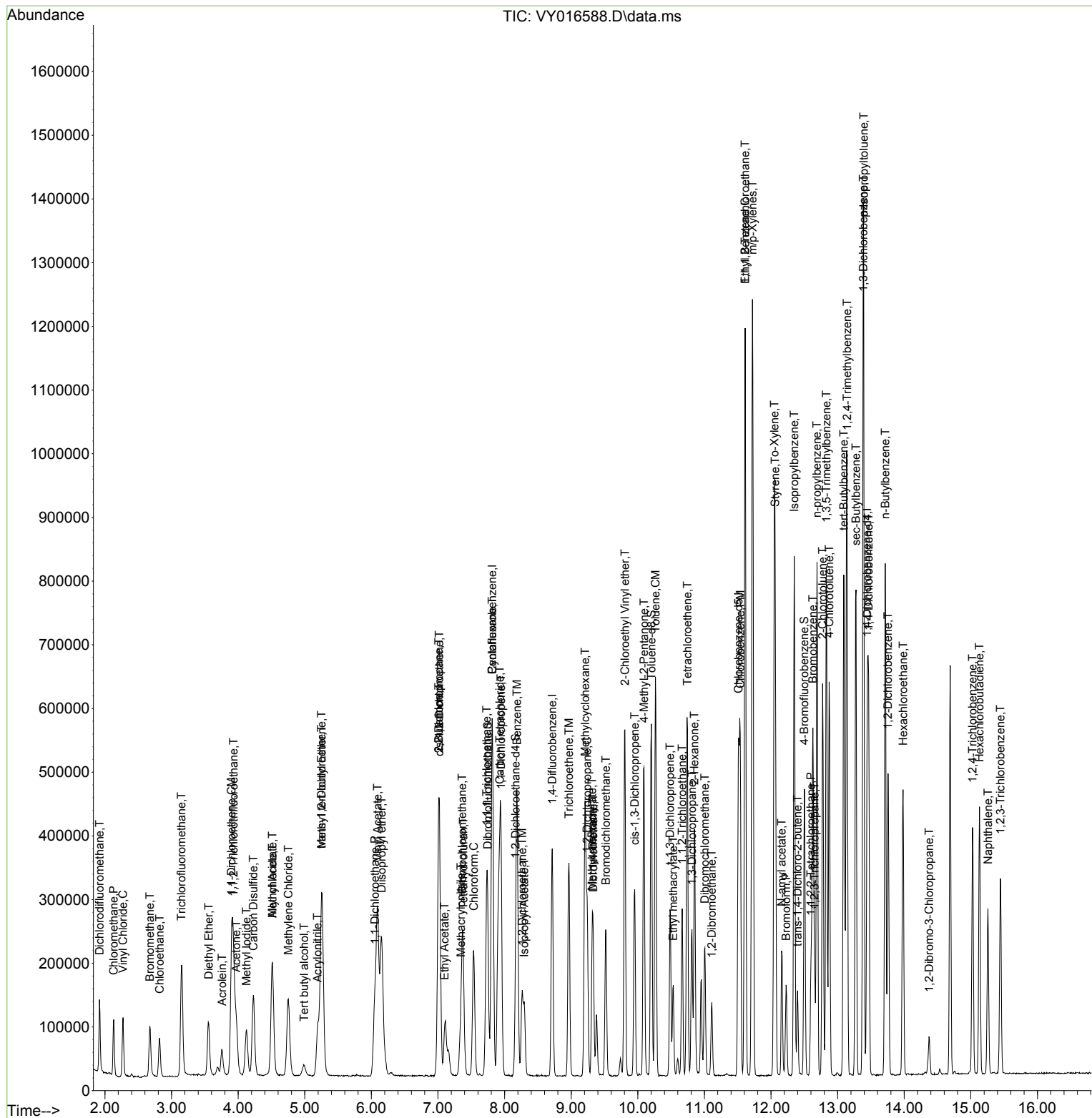
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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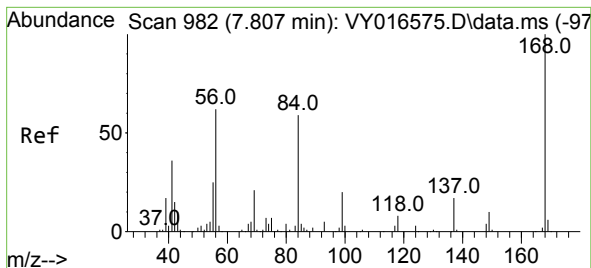
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.813 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

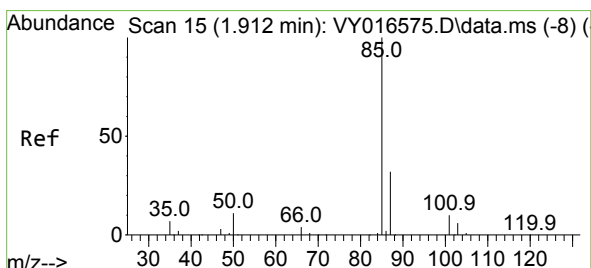
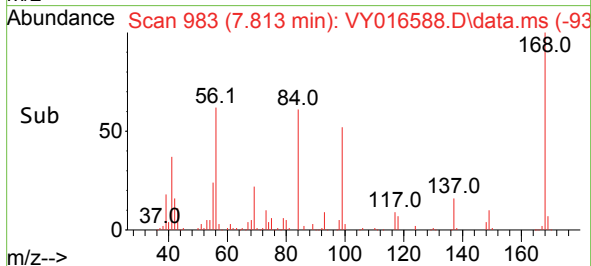
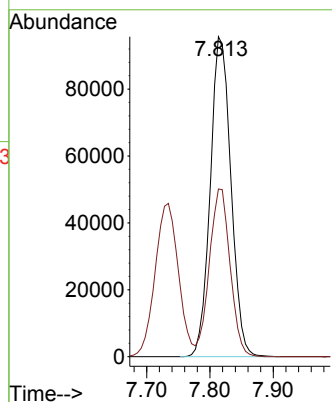
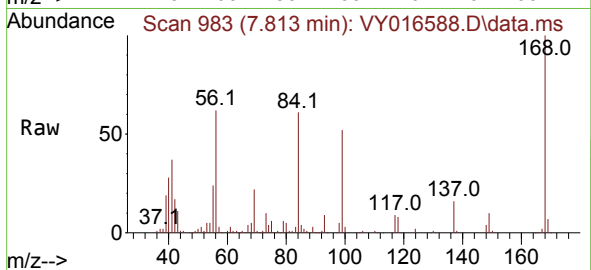
ICVVY120523

Tgt Ion:168 Resp: 216902

Ion Ratio Lower Upper

168 100

99 52.4 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.640 ug/l

RT: 1.918 min Scan# 16

Delta R.T. 0.006 min

Lab File: VY016588.D

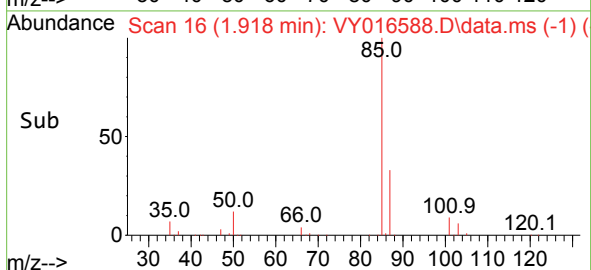
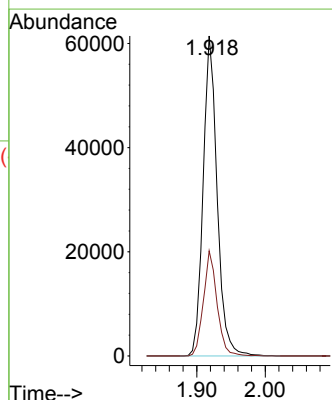
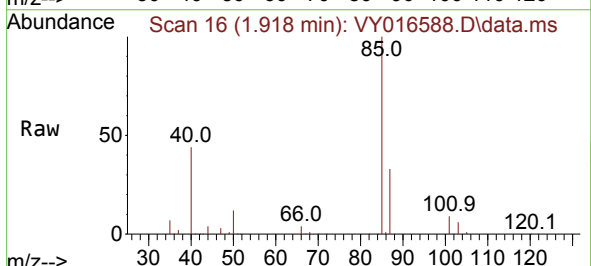
Acq: 05 Dec 2023 08:22

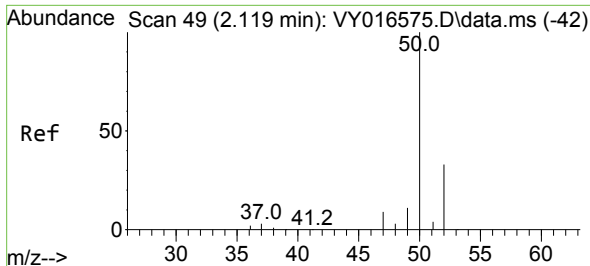
Tgt Ion: 85 Resp: 87445

Ion Ratio Lower Upper

85 100

87 32.8 15.6 46.8

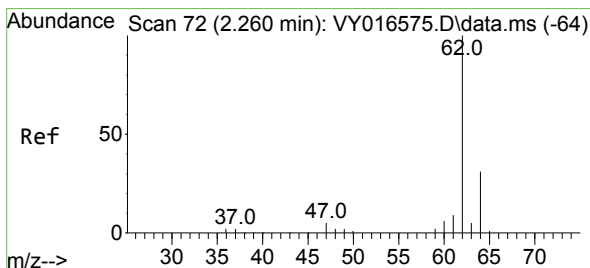
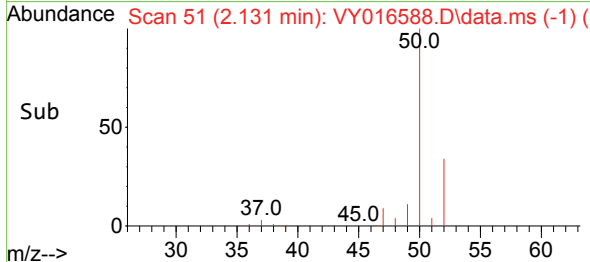
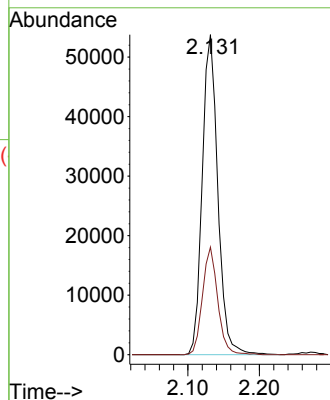
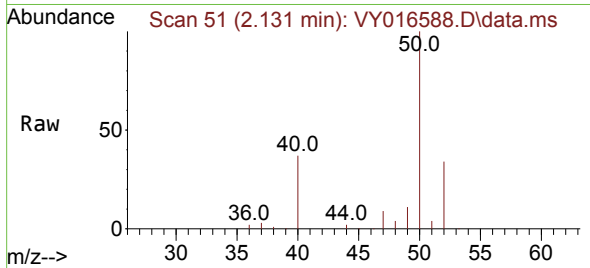




#3
Chloromethane
Concen: 40.920 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

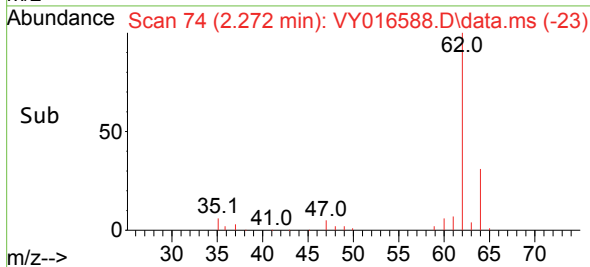
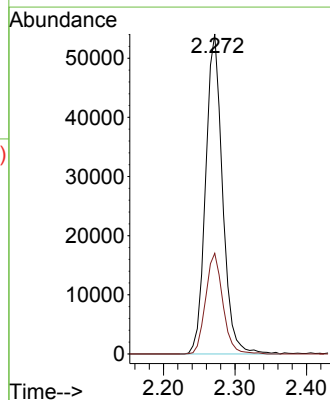
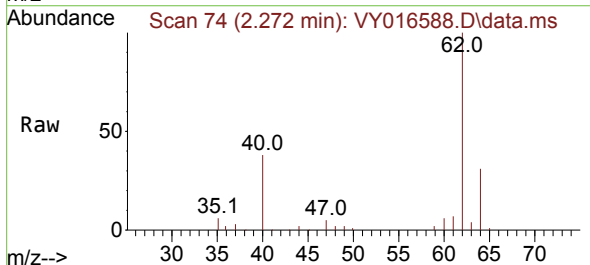
Instrument :
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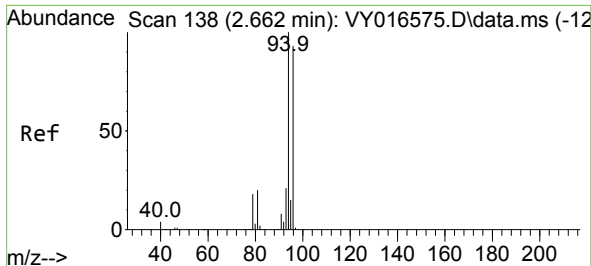
Tgt Ion: 50 Resp: 81333
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 44.241 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 62 Resp: 88801
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5

Bromomethane

Concen: 44.249 ug/l

RT: 2.674 min Scan# 14

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

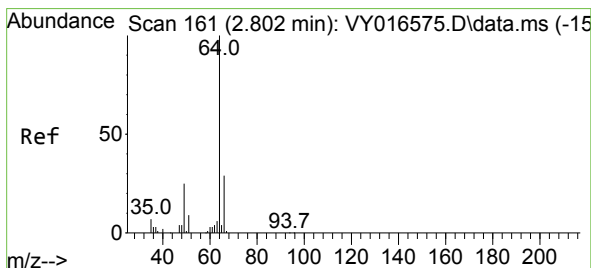
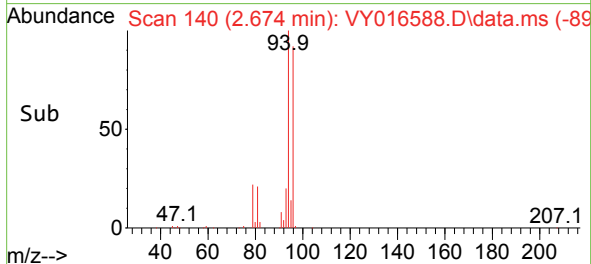
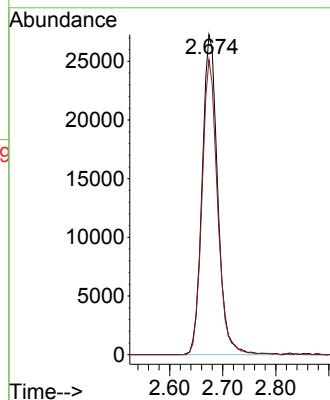
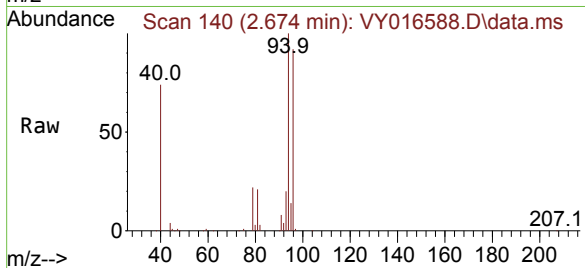
ICVVY120523

Tgt Ion: 94 Resp: 55635

Ion Ratio Lower Upper

94 100

96 92.2 75.8 113.6



#6

Chloroethane

Concen: 44.371 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.018 min

Lab File: VY016588.D

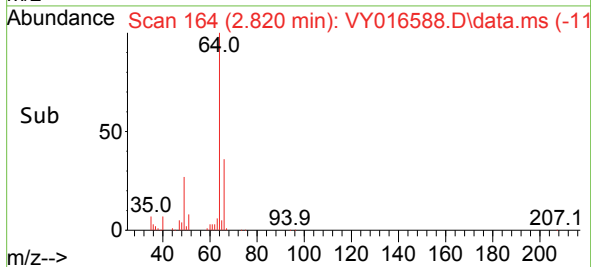
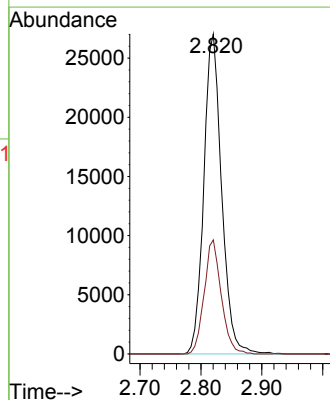
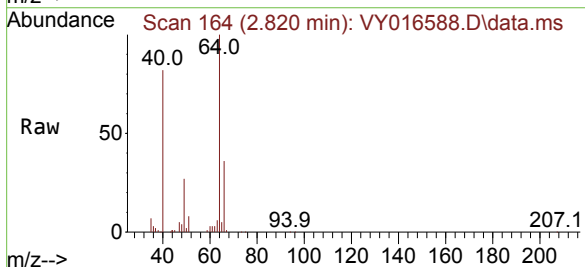
Acq: 05 Dec 2023 08:22

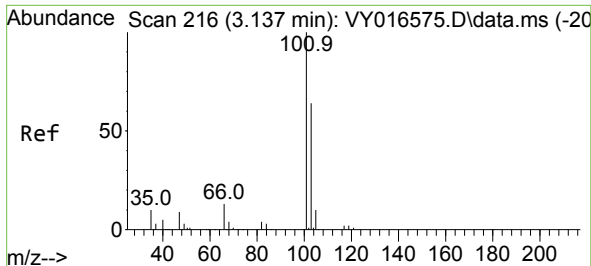
Tgt Ion: 64 Resp: 55013

Ion Ratio Lower Upper

64 100

66 35.6 24.4 36.6

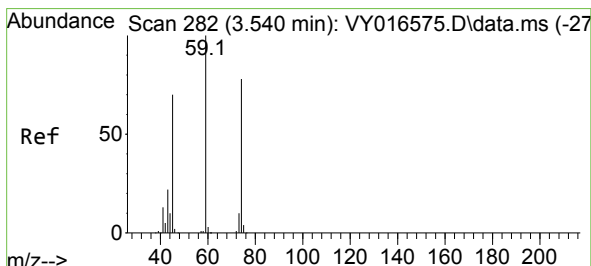
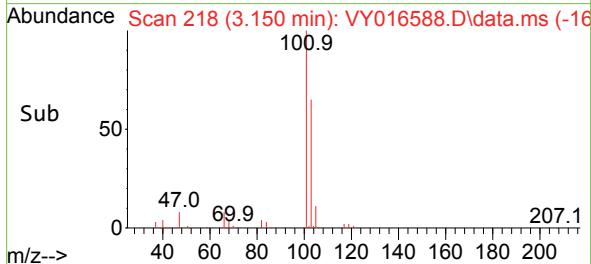
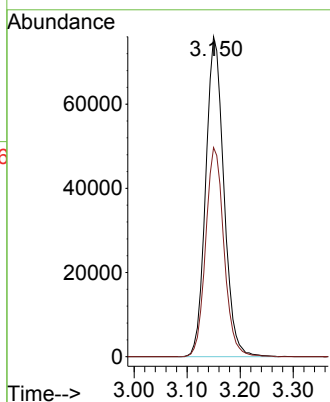
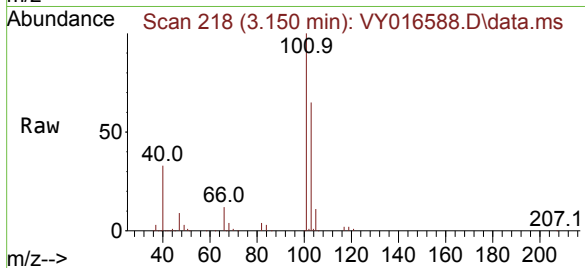




#7
Trichlorofluoromethane
Concen: 47.615 ug/l
RT: 3.150 min Scan# 216
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

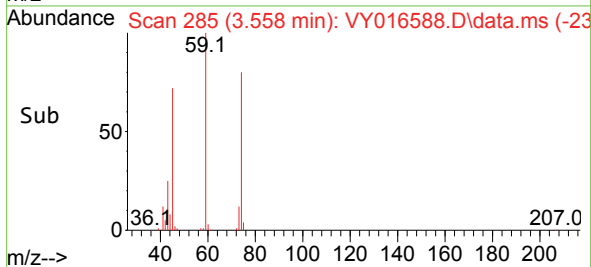
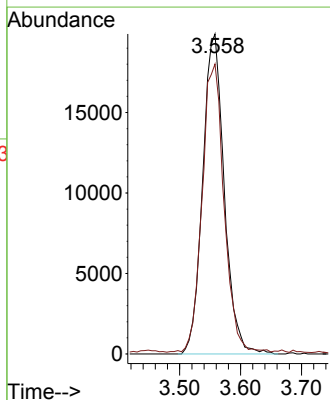
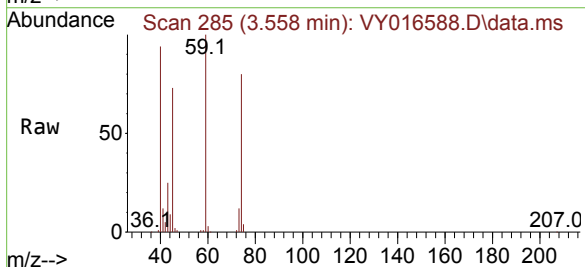
Instrument :
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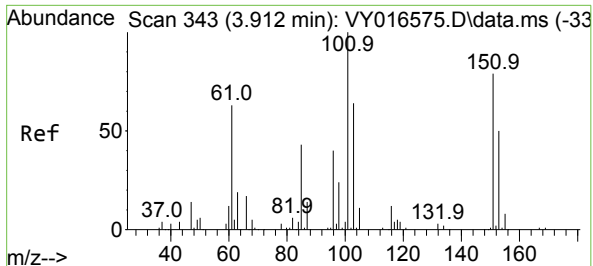
Tgt Ion:101 Resp: 180675
Ion Ratio Lower Upper
101 100
103 65.4 51.4 77.0



#8
Diethyl Ether
Concen: 46.280 ug/l
RT: 3.558 min Scan# 285
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 74 Resp: 48909
Ion Ratio Lower Upper
74 100
45 91.3 51.5 154.5

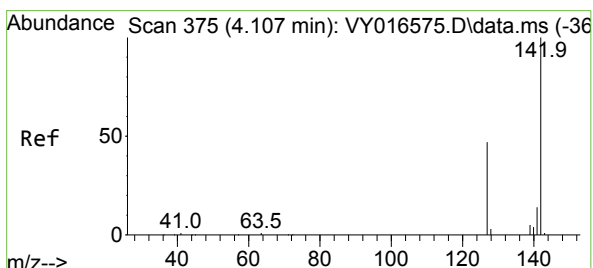
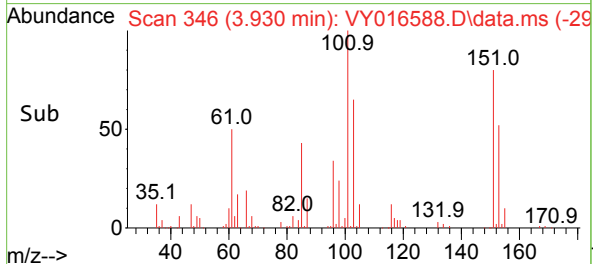
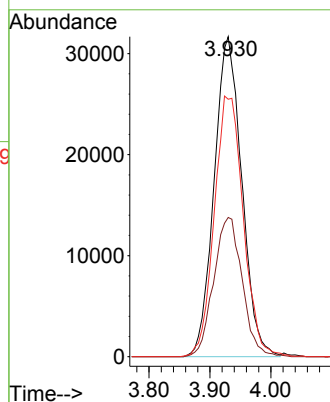
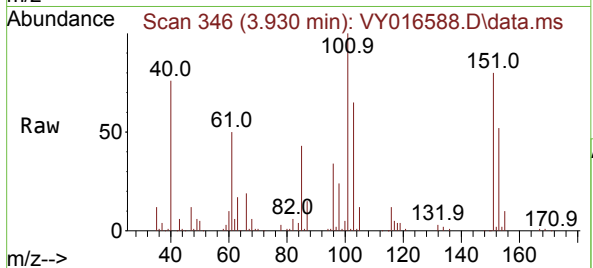




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.980 ug/l
RT: 3.930 min Scan# 34
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

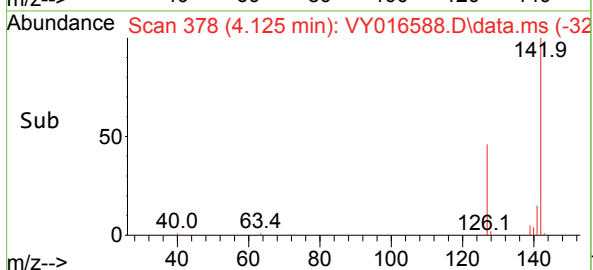
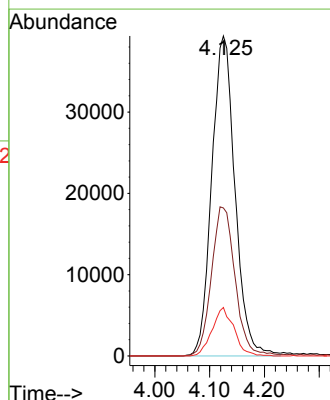
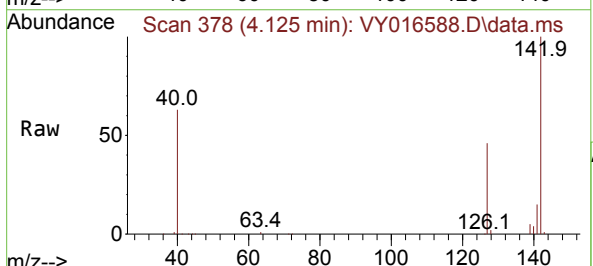
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

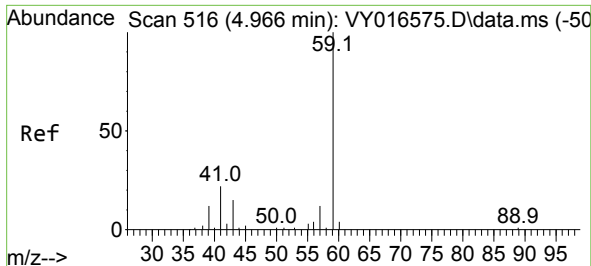
Tgt Ion:101 Resp: 99690
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 85.6 67.0 100.6



#10
Methyl Iodide
Concen: 51.608 ug/l
RT: 4.125 min Scan# 378
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion:142 Resp: 115704
Ion Ratio Lower Upper
142 100
127 47.7 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 225.877 ug/l

RT: 4.991 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

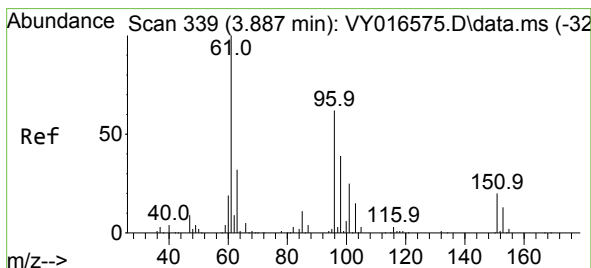
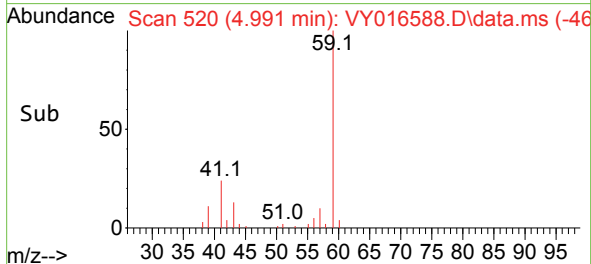
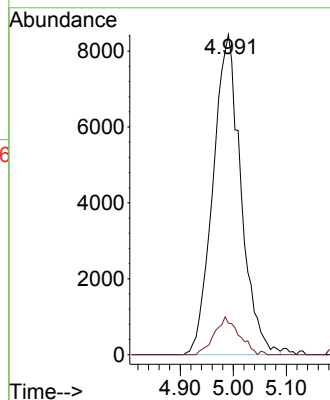
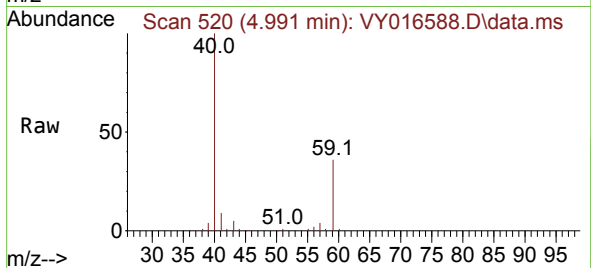
ICVVY120523

Tgt Ion: 59 Resp: 30853

Ion Ratio Lower Upper

59 100

57 10.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 48.644 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

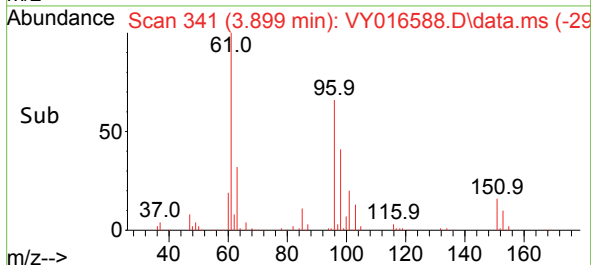
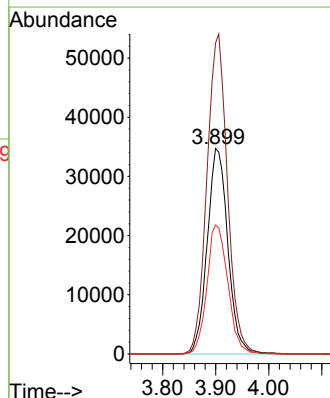
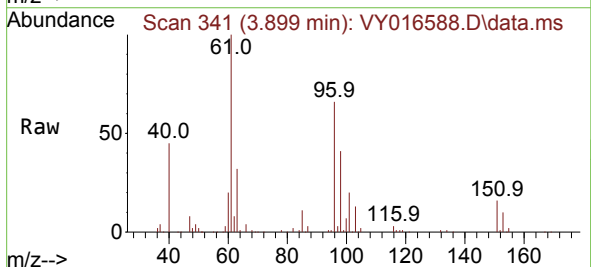
Tgt Ion: 96 Resp: 93767

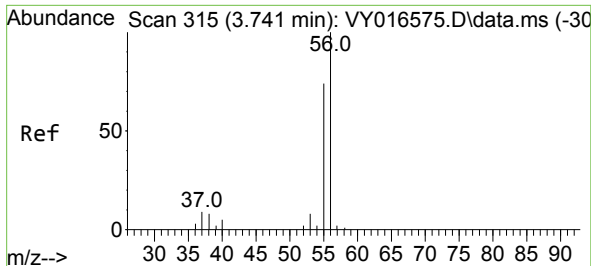
Ion Ratio Lower Upper

96 100

61 151.3 136.4 204.6

98 62.8 49.4 74.2

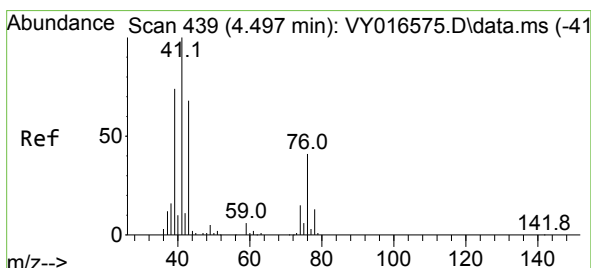
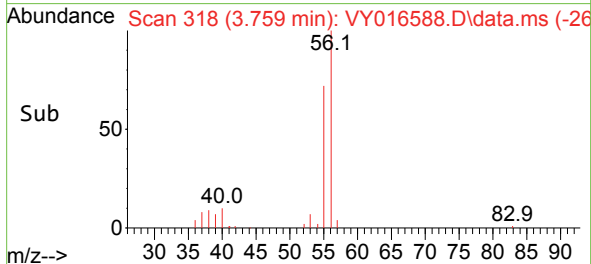
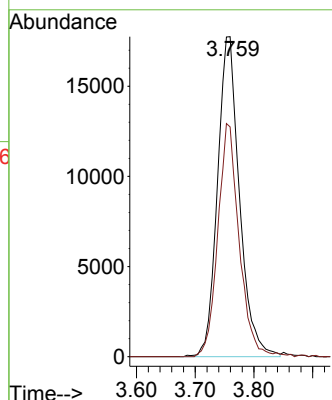
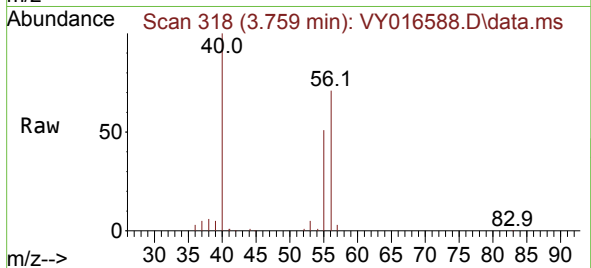




#13
Acrolein
Concen: 232.148 ug/l
RT: 3.759 min Scan# 315
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

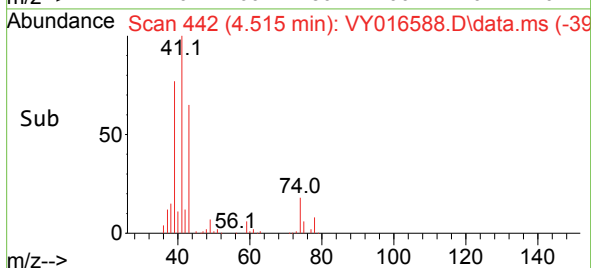
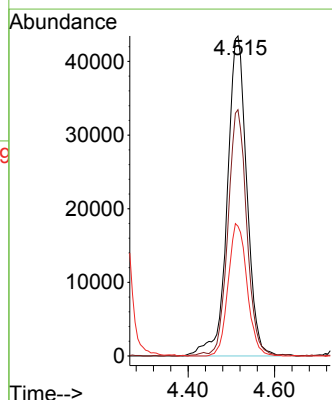
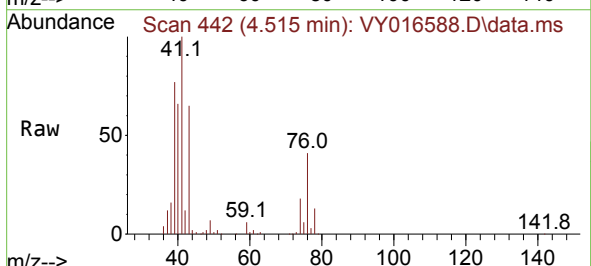
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

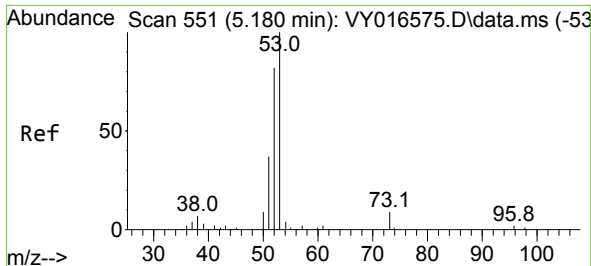
Tgt Ion: 56 Resp: 46100
Ion Ratio Lower Upper
56 100
55 70.7 57.0 85.4



#14
Allyl chloride
Concen: 46.411 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 41 Resp: 136528
Ion Ratio Lower Upper
41 100
39 73.9 58.0 87.0
76 40.1 27.4 41.2

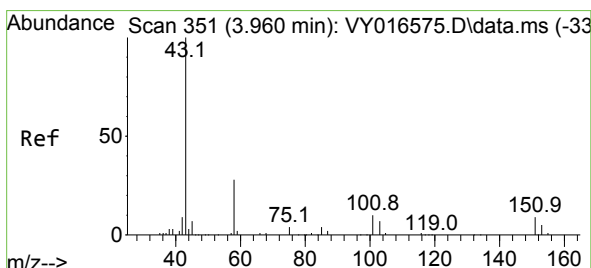
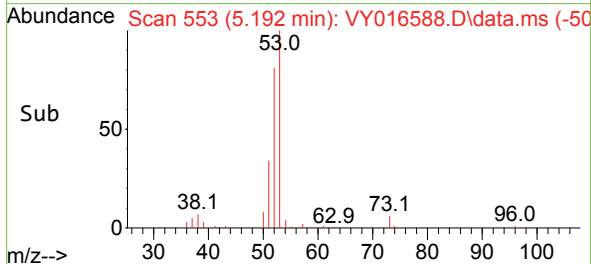
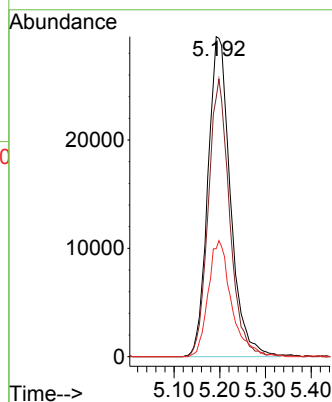
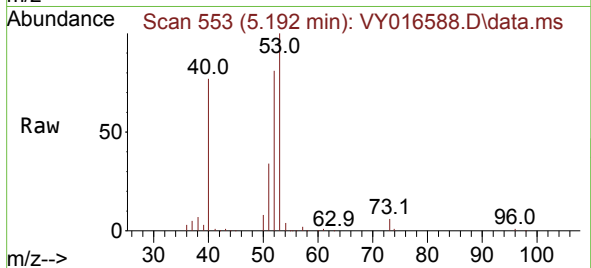




#15
Acrylonitrile
Concen: 236.726 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

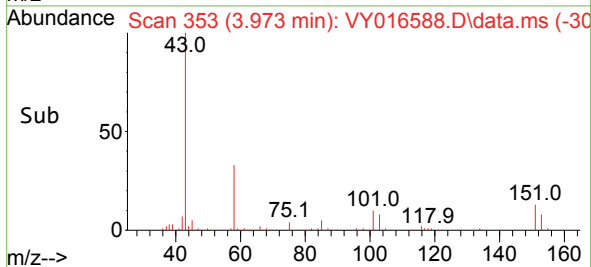
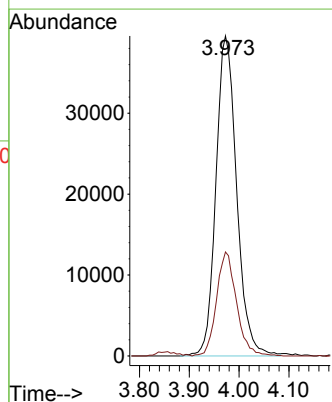
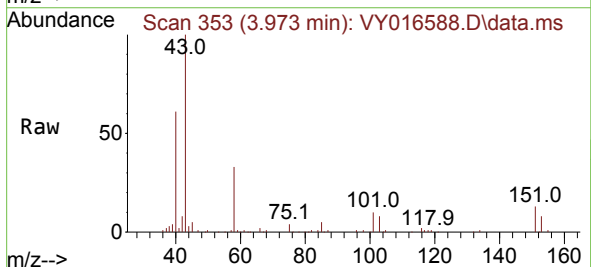
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

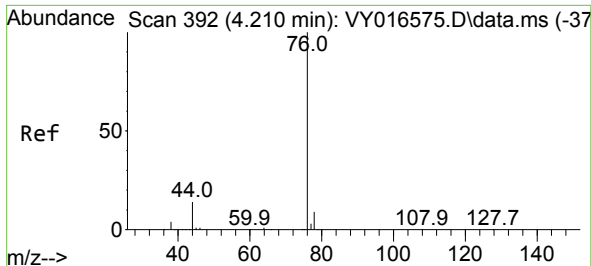
Tgt Ion: 53 Resp: 100973
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 37.5 29.8 44.6



#16
Acetone
Concen: 251.475 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 43 Resp: 114083
Ion Ratio Lower Upper
43 100
58 32.4 22.7 34.1

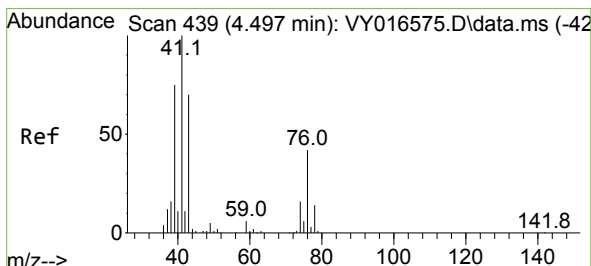
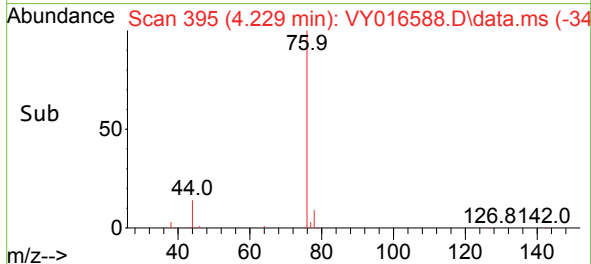
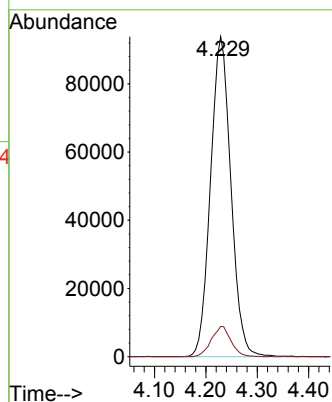
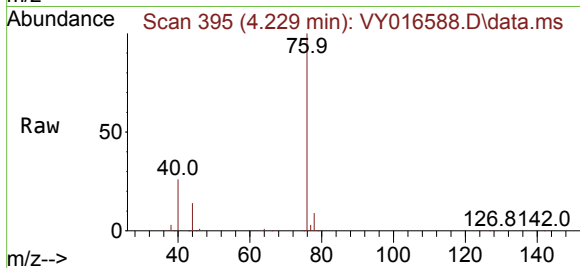




#17
Carbon Disulfide
Concen: 47.734 ug/l
RT: 4.229 min Scan# 392
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

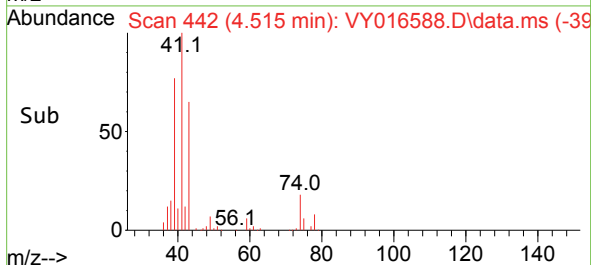
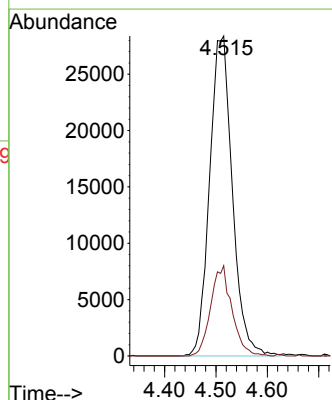
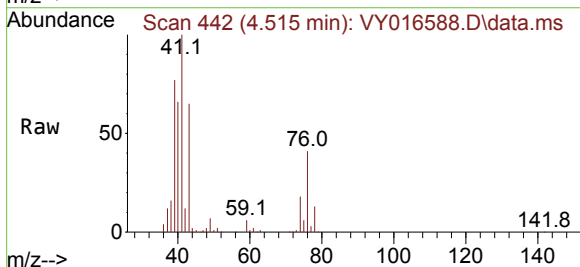
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

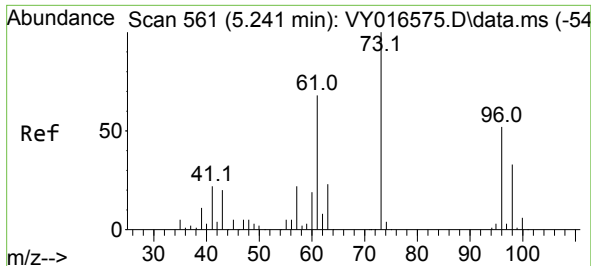
Tgt Ion: 76 Resp: 257973
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 48.584 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 43 Resp: 87365
Ion Ratio Lower Upper
43 100
74 26.3 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 49.824 ug/l

RT: 5.253 min Scan# 5

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

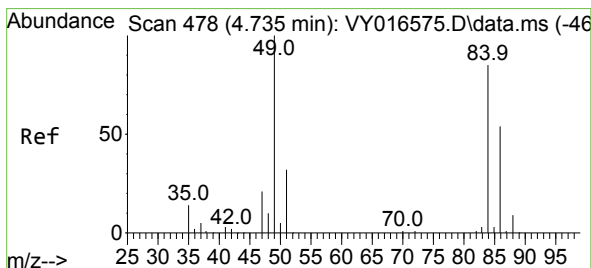
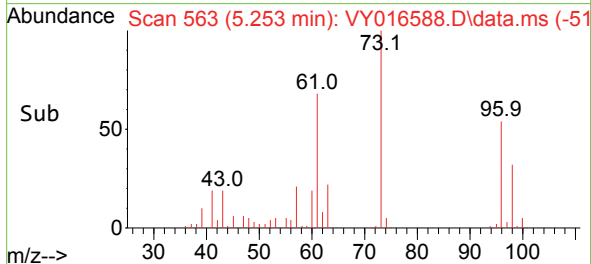
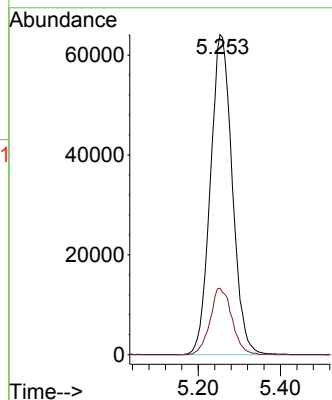
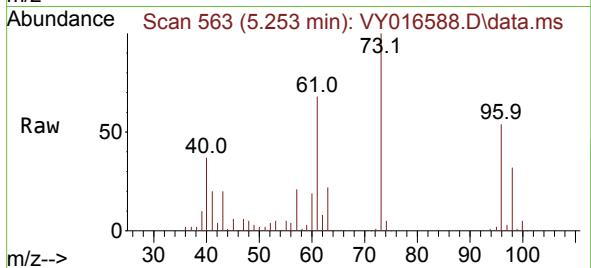
ICVVY120523

Tgt Ion: 73 Resp: 236088

Ion Ratio Lower Upper

73 100

57 20.8 17.3 25.9



#20

Methylene Chloride

Concen: 47.422 ug/l

RT: 4.753 min Scan# 481

Delta R.T. 0.018 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Tgt Ion: 84 Resp: 95189

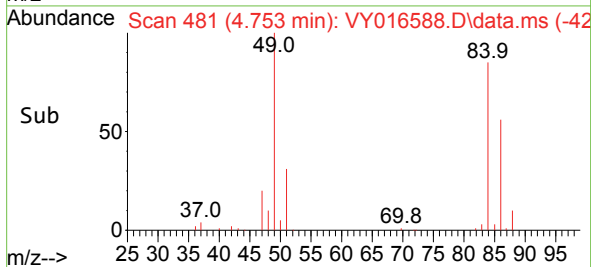
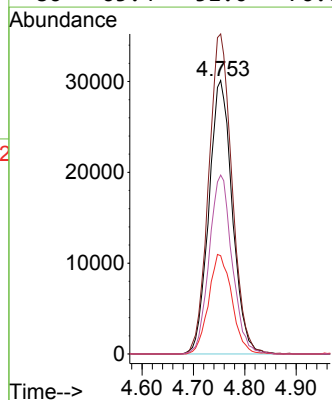
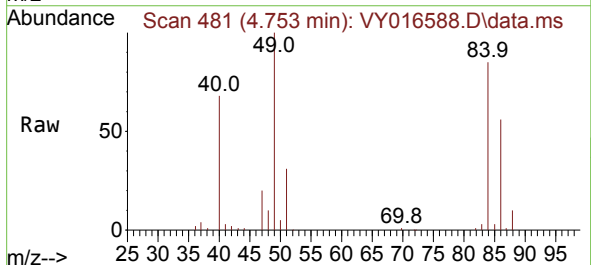
Ion Ratio Lower Upper

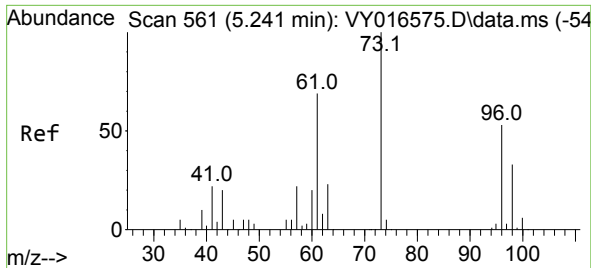
84 100

49 117.0 106.9 160.3

51 35.9 33.2 49.8

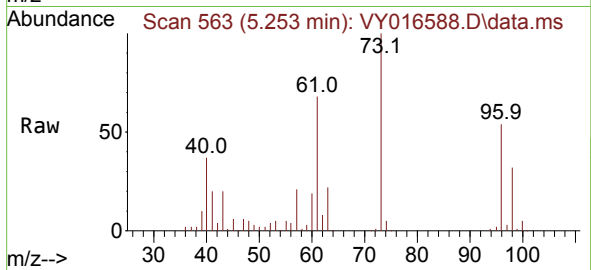
86 65.4 51.0 76.6



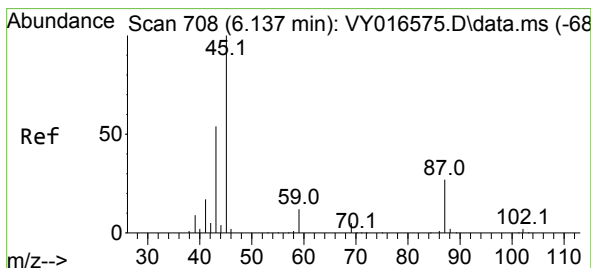
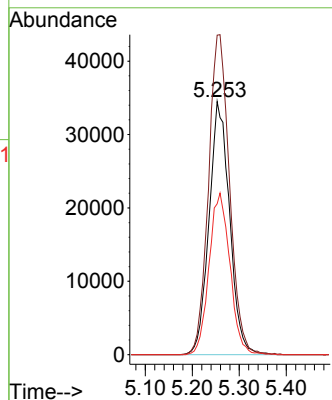
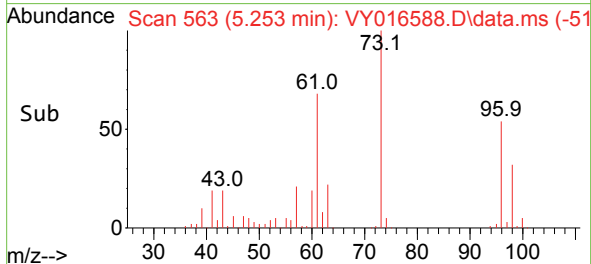


#21
trans-1,2-Dichloroethene
Concen: 48.280 ug/l
RT: 5.253 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

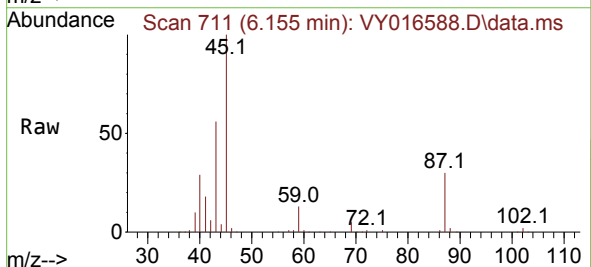
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523



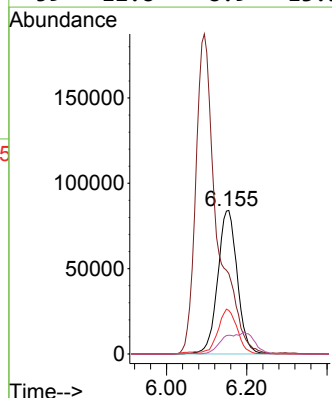
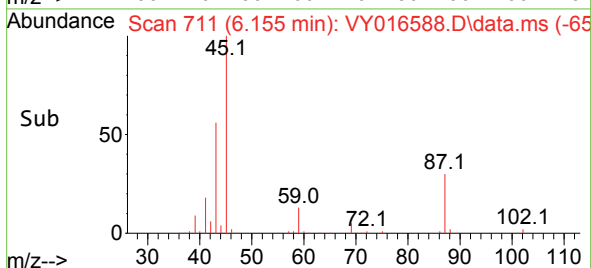
Tgt Ion: 96 Resp: 104654
Ion Ratio Lower Upper
96 100
61 126.2 110.2 165.4
98 59.6 51.8 77.6

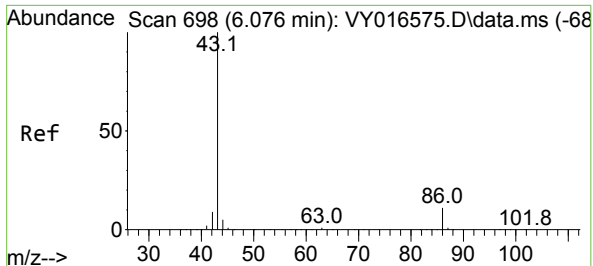


#22
Diisopropyl ether
Concen: 47.038 ug/l
RT: 6.155 min Scan# 711
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22



Tgt Ion: 45 Resp: 284584
Ion Ratio Lower Upper
45 100
43 55.2 52.2 78.4
87 30.2 21.0 31.6
59 12.8 8.9 13.3

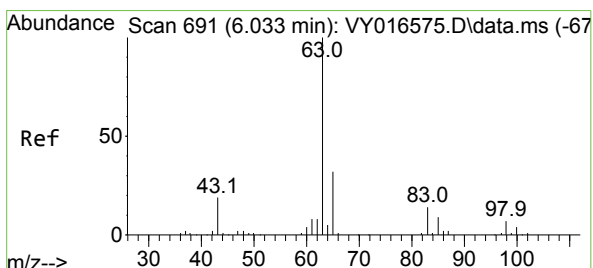
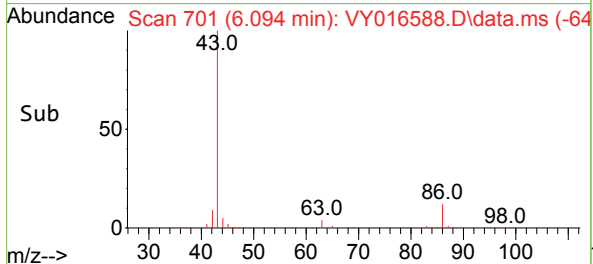
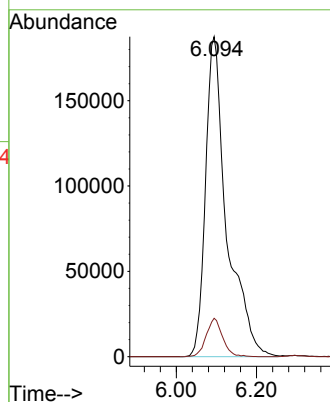
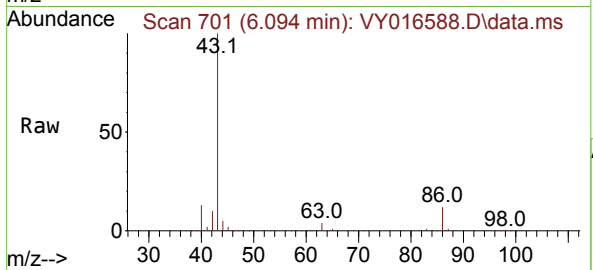




#23
 Vinyl Acetate
 Concen: 237.196 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. 0.018 min
 Lab File: VY016588.D
 Acq: 05 Dec 2023 08:22

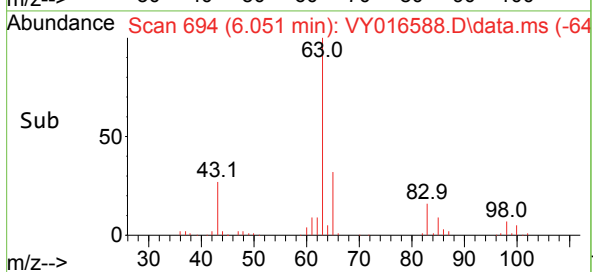
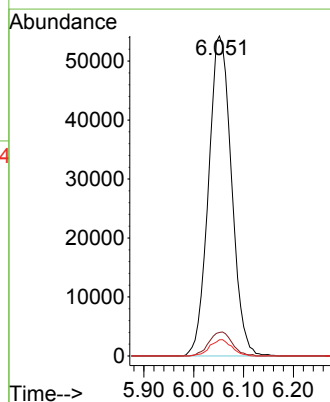
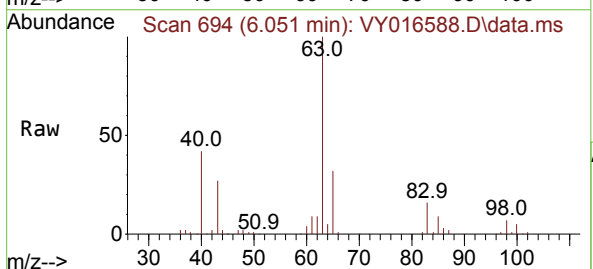
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120523

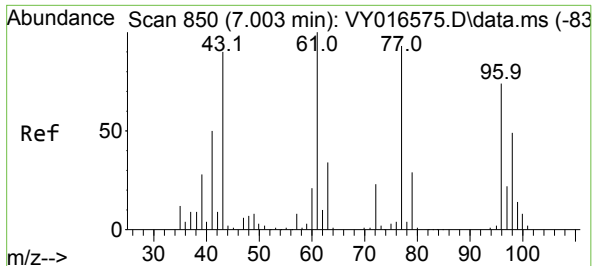
Tgt Ion: 43 Resp: 688910
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 46.816 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY016588.D
 Acq: 05 Dec 2023 08:22

Tgt Ion: 63 Resp: 174011
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.0 1.8 5.5





#25

2-Butanone

Concen: 236.647 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

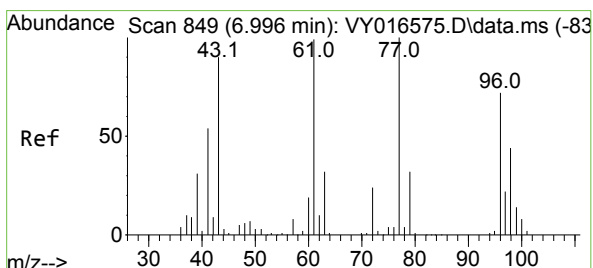
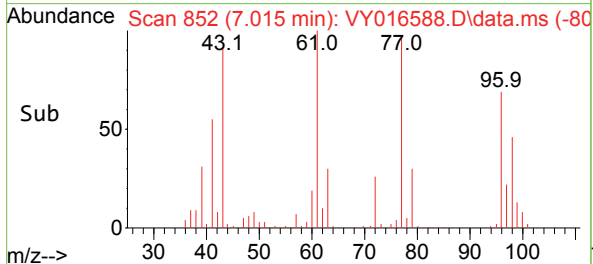
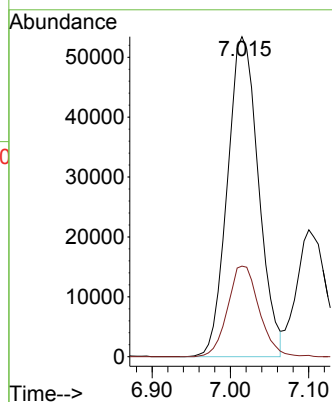
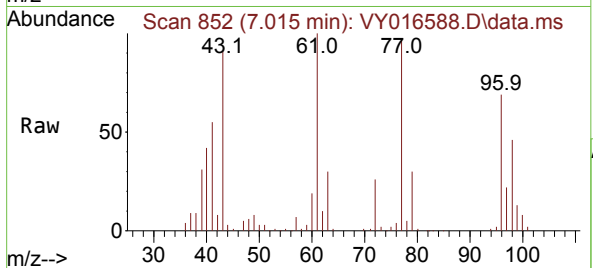
ICVVY120523

Tgt Ion: 43 Resp: 147623

Ion Ratio Lower Upper

43 100

72 28.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 49.319 ug/l

RT: 7.015 min Scan# 852

Delta R.T. 0.018 min

Lab File: VY016588.D

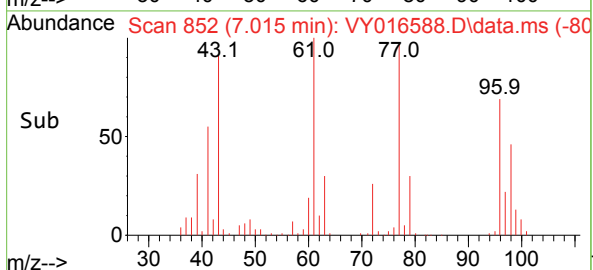
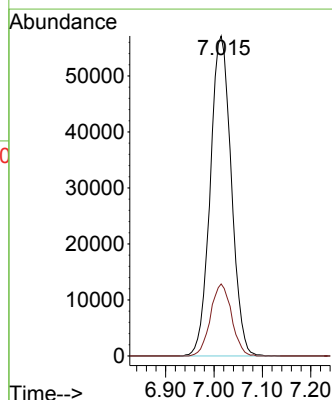
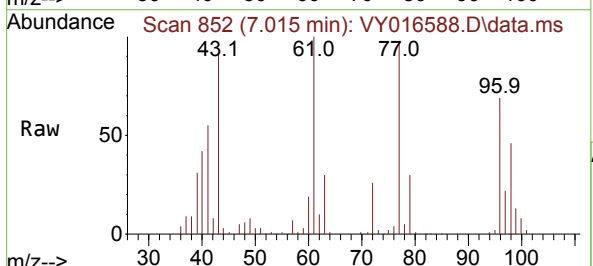
Acq: 05 Dec 2023 08:22

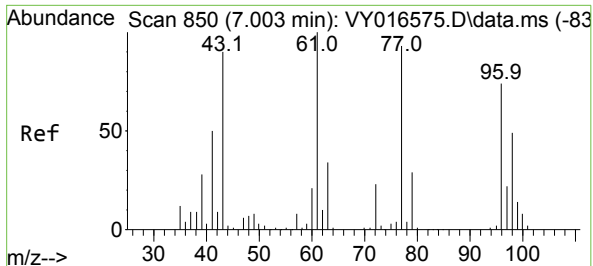
Tgt Ion: 77 Resp: 172335

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.375 ug/l

RT: 7.021 min Scan# 81

Delta R.T. 0.018 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

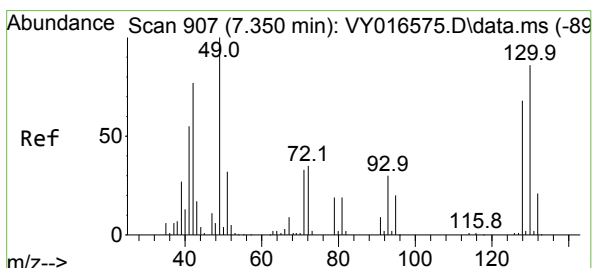
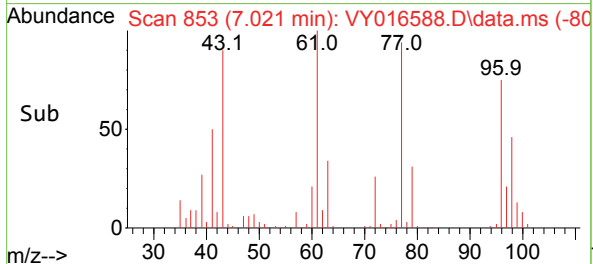
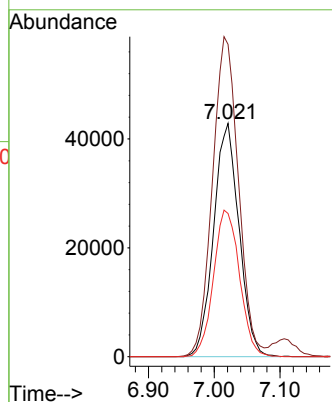
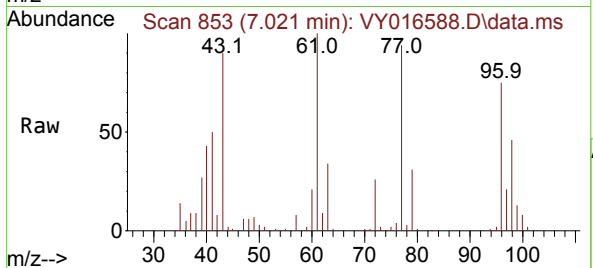
Tgt Ion: 96 Resp: 115426

Ion Ratio Lower Upper

96 100

61 139.8 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 47.120 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

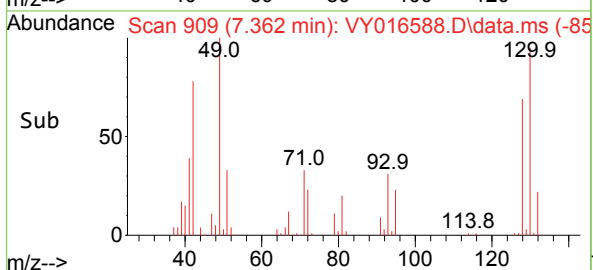
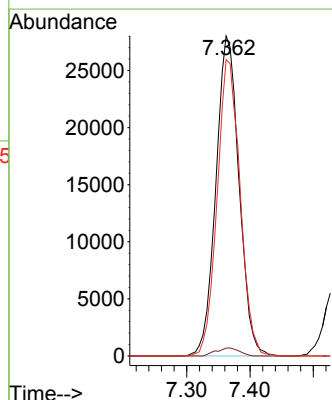
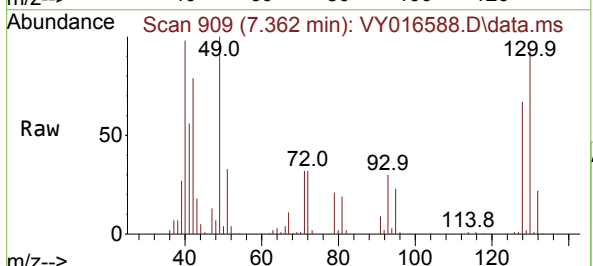
Tgt Ion: 49 Resp: 70941

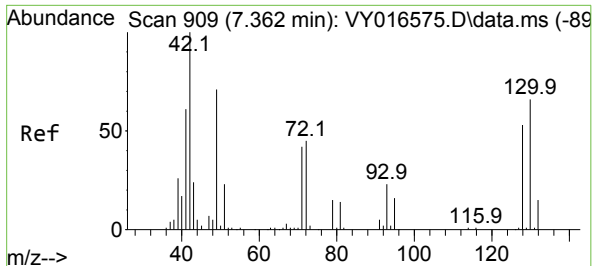
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 91.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 238.275 ug/l

RT: 7.381 min Scan# 912

Delta R.T. 0.018 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

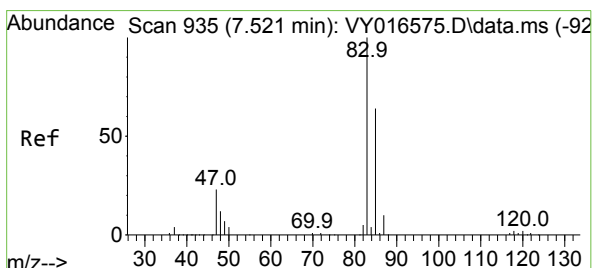
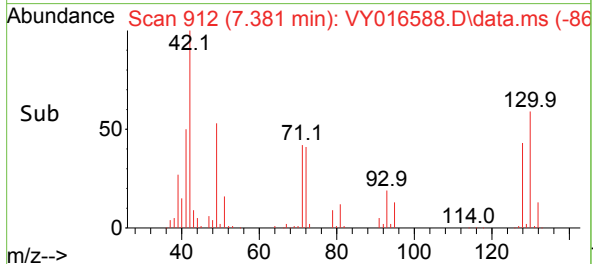
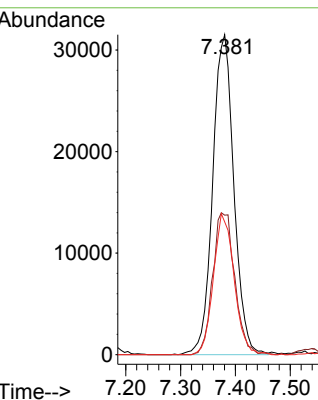
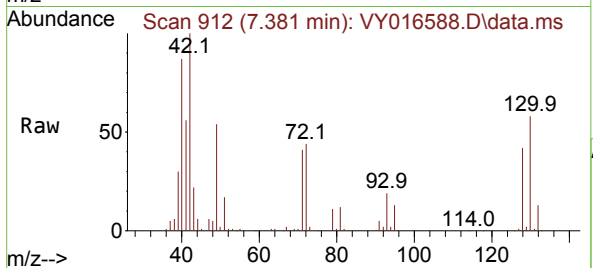
Tgt Ion: 42 Resp: 84744

Ion Ratio Lower Upper

42 100

72 46.1 32.8 49.2

71 43.1 31.0 46.4



#30

Chloroform

Concen: 47.916 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY016588.D

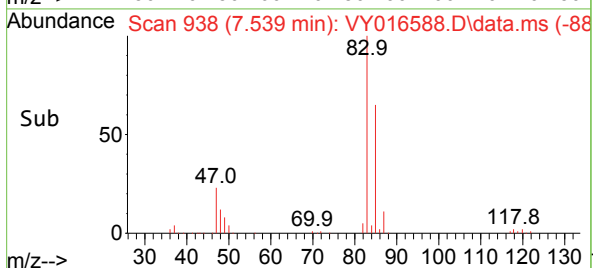
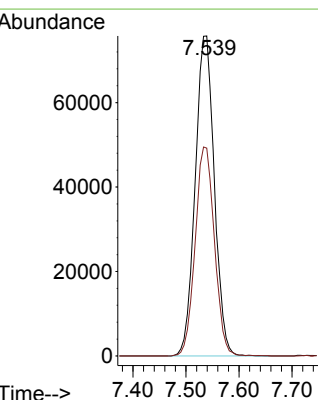
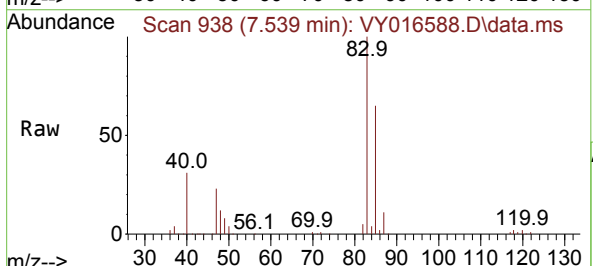
Acq: 05 Dec 2023 08:22

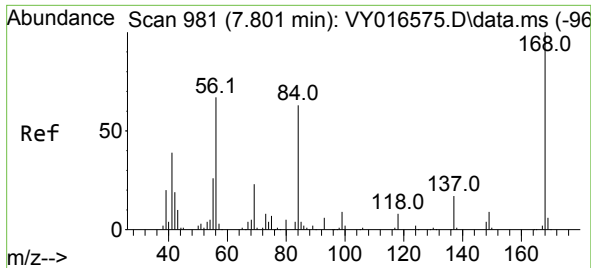
Tgt Ion: 83 Resp: 189848

Ion Ratio Lower Upper

83 100

85 64.9 49.7 74.5

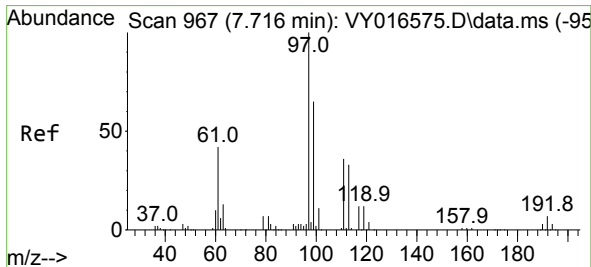
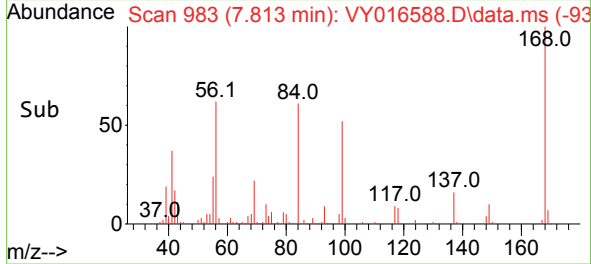
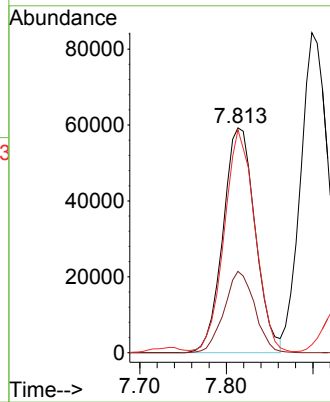
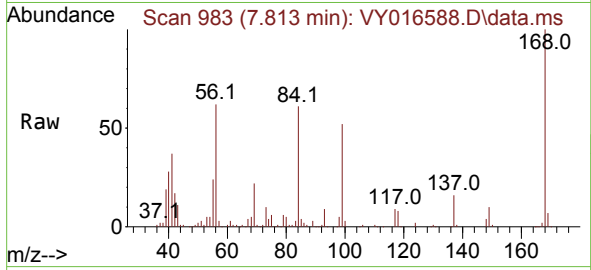




#31
Cyclohexane
Concen: 44.841 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

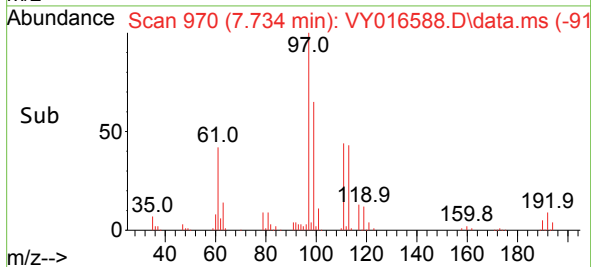
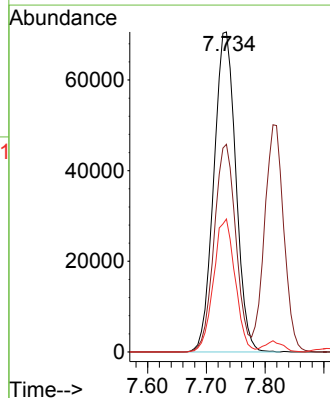
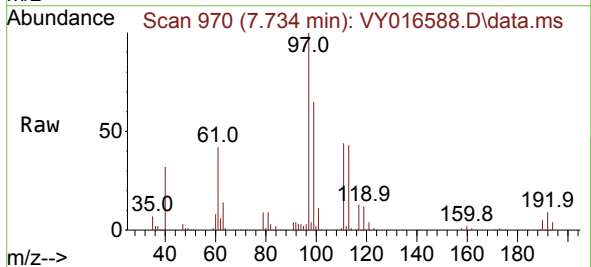
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

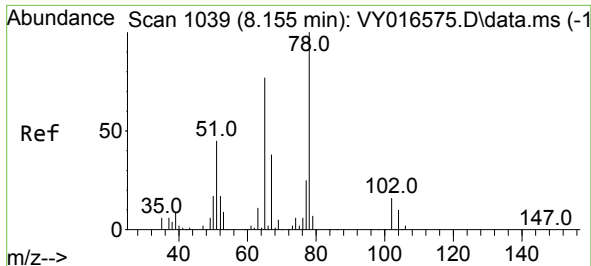
Tgt Ion: 56 Resp: 153463
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.6
84 97.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.035 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 97 Resp: 183864
Ion Ratio Lower Upper
97 100
99 64.3 50.8 76.2
61 40.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.509 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

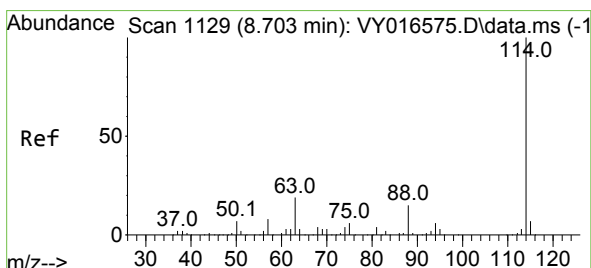
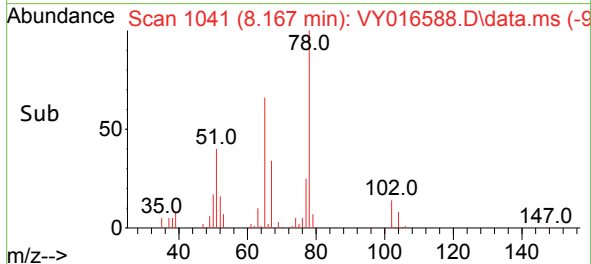
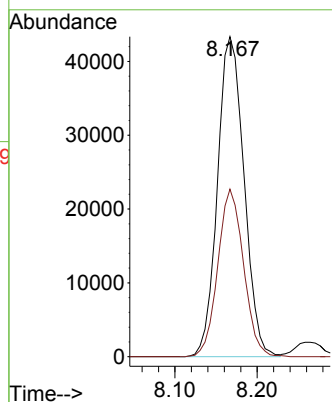
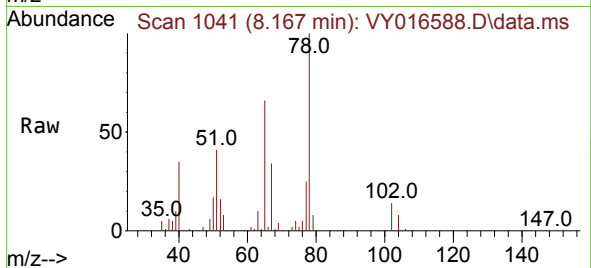
ICVVY120523

Tgt Ion: 65 Resp: 97249

Ion Ratio Lower Upper

65 100

67 50.8 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

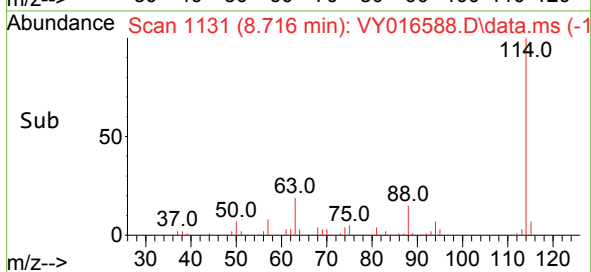
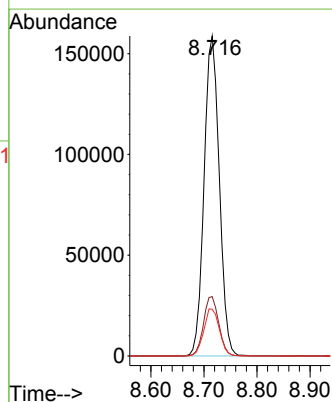
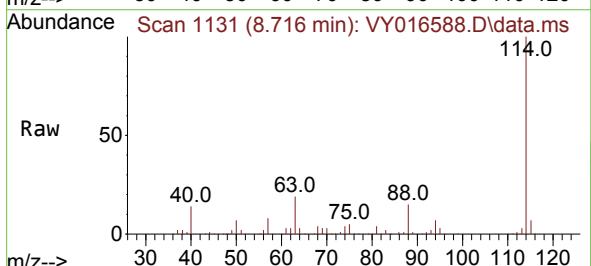
Tgt Ion: 114 Resp: 316021

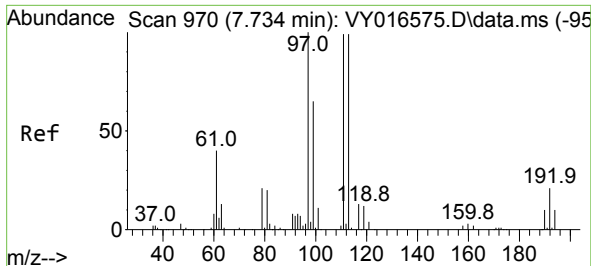
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.6 0.0 30.6

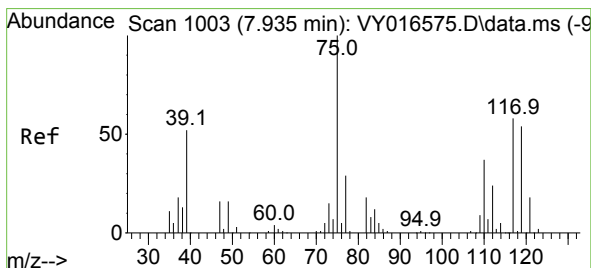
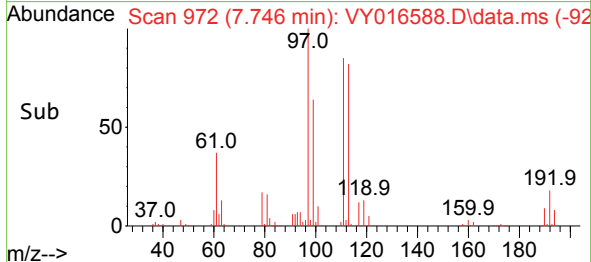
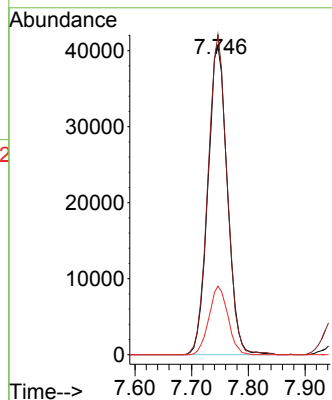
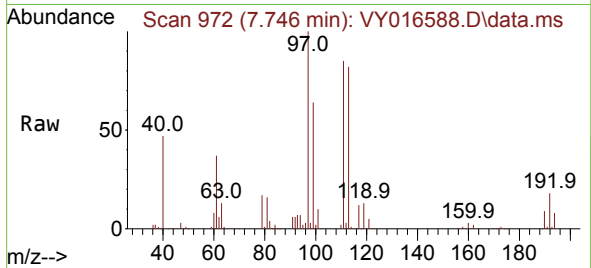




#35
Dibromofluoromethane
Concen: 50.869 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

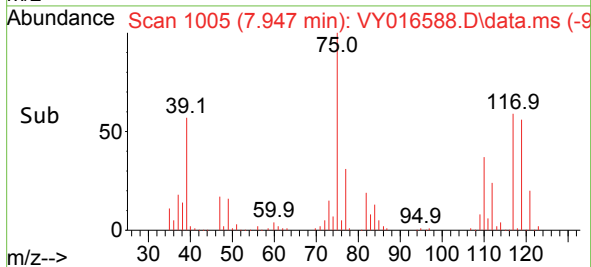
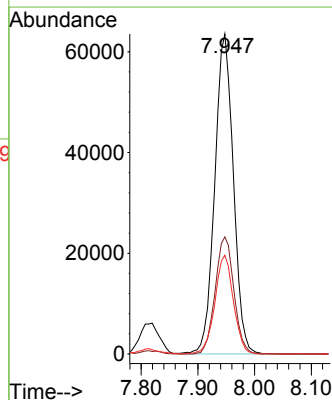
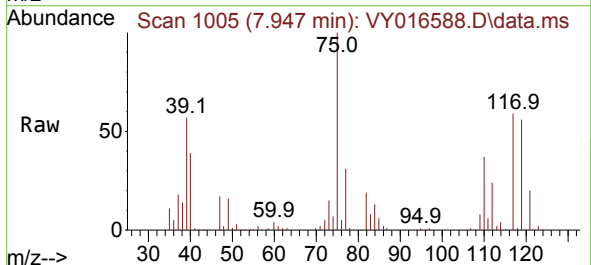
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120523

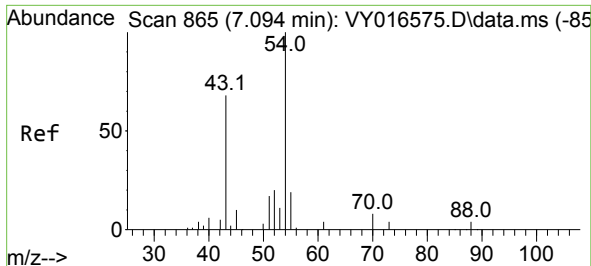
Tgt Ion:113 Resp: 96744
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 21.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.020 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 75 Resp: 144608
Ion Ratio Lower Upper
75 100
110 36.8 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 48.322 ug/l

RT: 7.100 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120523

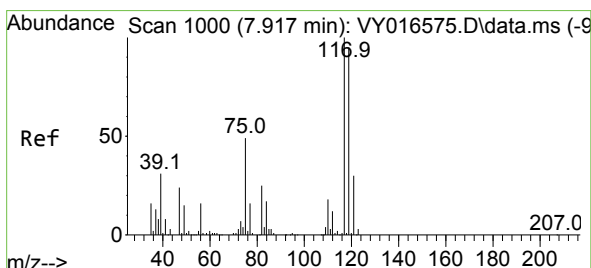
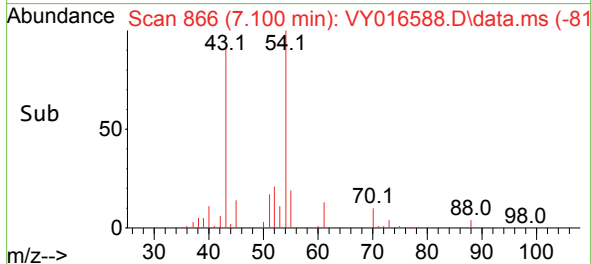
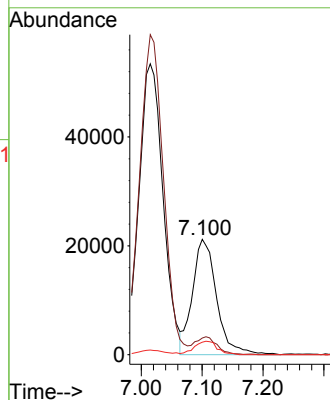
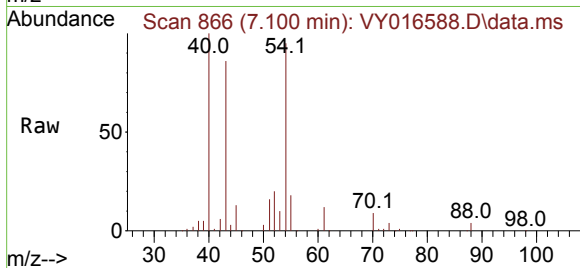
Tgt Ion: 43 Resp: 58455

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 51.403 ug/l

RT: 7.929 min Scan# 1002

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

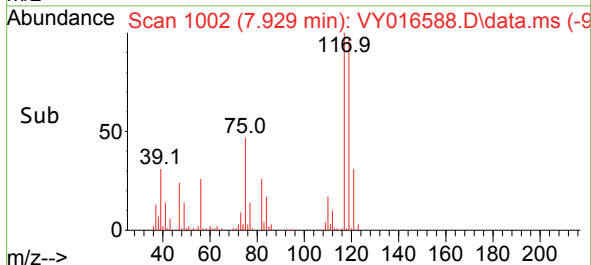
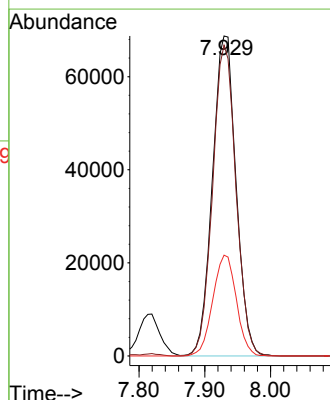
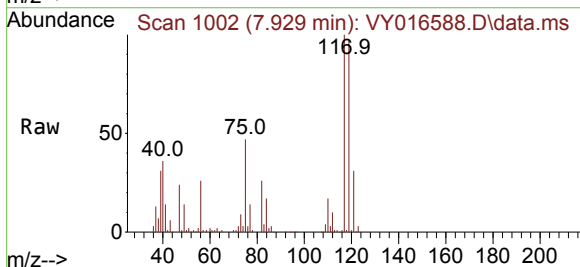
Tgt Ion: 117 Resp: 172037

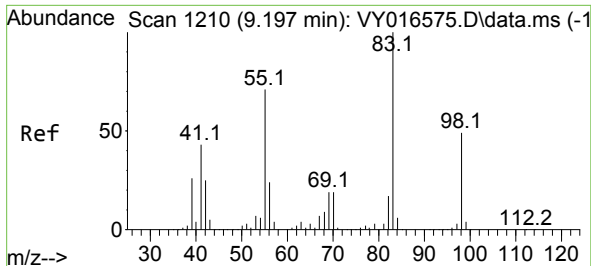
Ion Ratio Lower Upper

117 100

119 97.1 76.4 114.6

121 31.5 25.8 38.6





#39

Methylcyclohexane

Concen: 50.740 ug/l

RT: 9.209 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120523

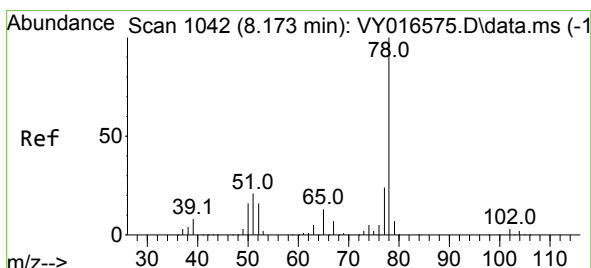
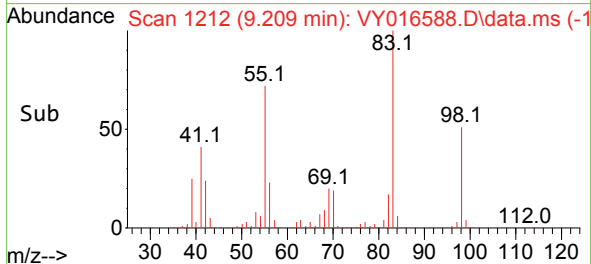
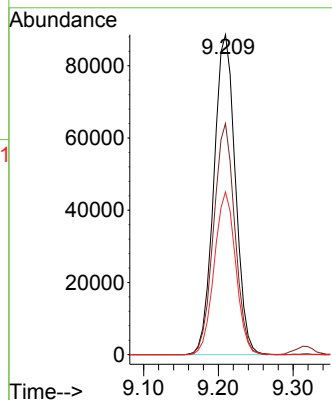
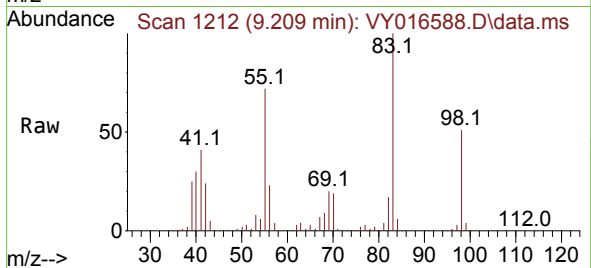
Tgt Ion: 83 Resp: 176733

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 49.649 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016588.D

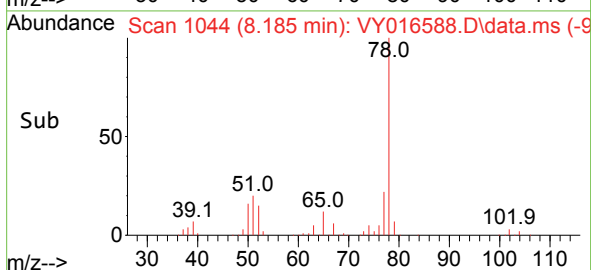
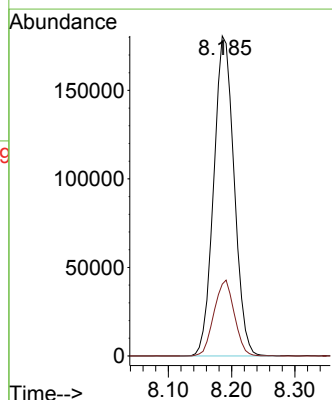
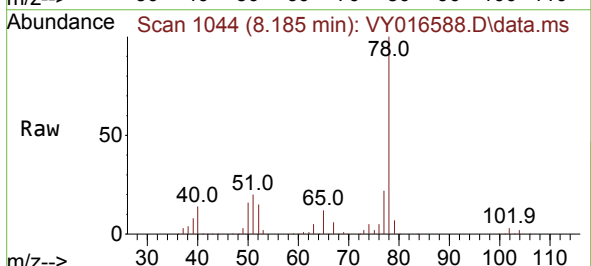
Acq: 05 Dec 2023 08:22

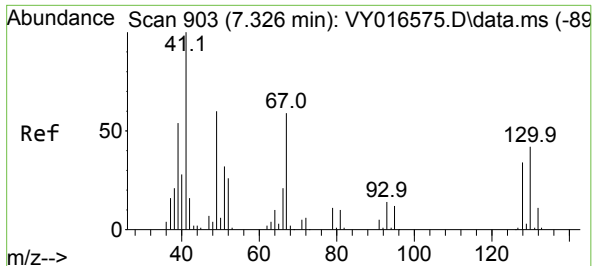
Tgt Ion: 78 Resp: 404570

Ion Ratio Lower Upper

78 100

77 22.5 19.0 28.6

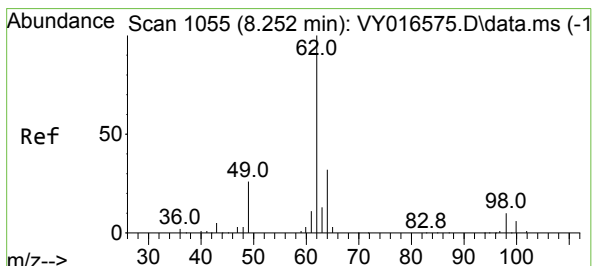
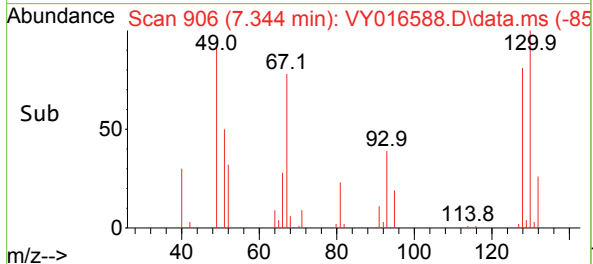
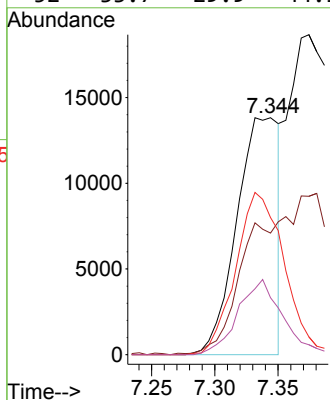
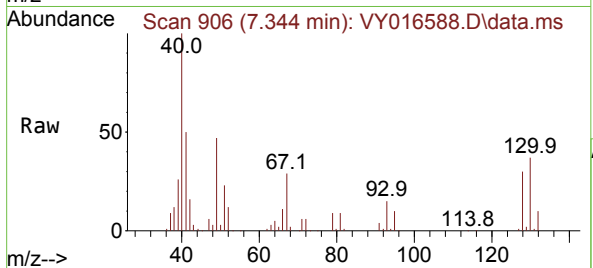




#41
Methacrylonitrile
Concen: 45.999 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

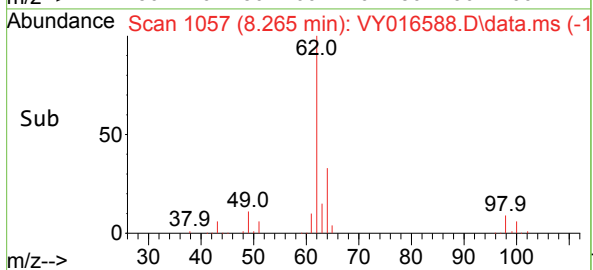
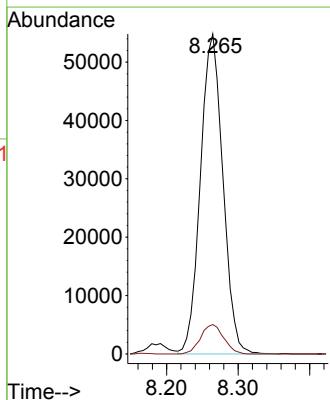
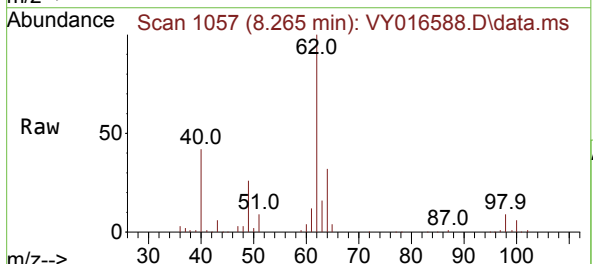
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120523

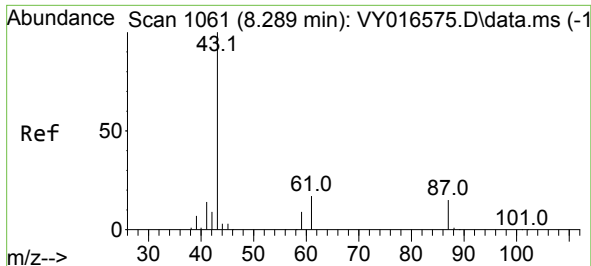
Tgt Ion: 41 Resp: 32138
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 79.2 66.2 99.2
52 33.7 29.9 44.9



#42
1,2-Dichloroethane
Concen: 50.587 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 62 Resp: 119693
Ion Ratio Lower Upper
62 100
98 9.4 0.0 15.8

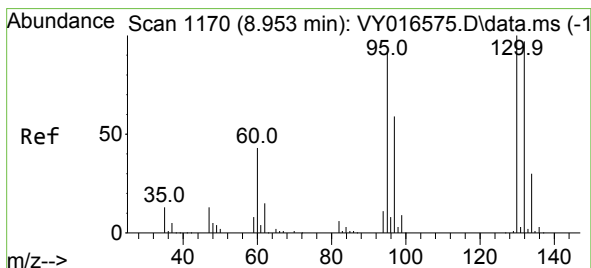
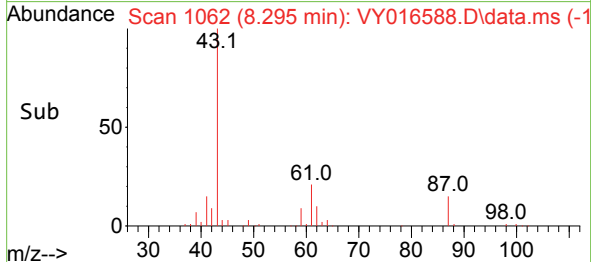
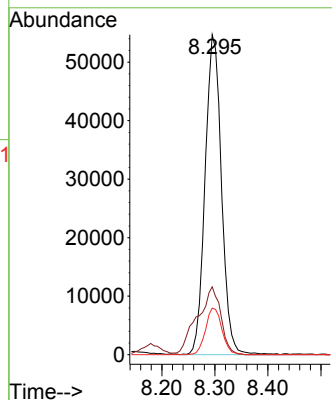
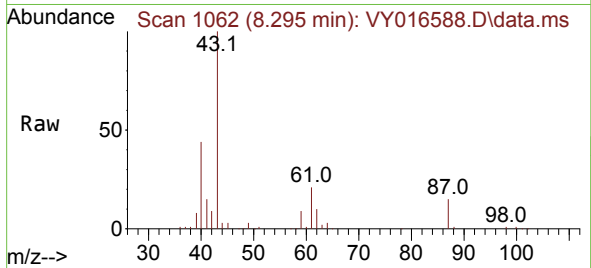




#43
Isopropyl Acetate
Concen: 50.317 ug/l
RT: 8.295 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

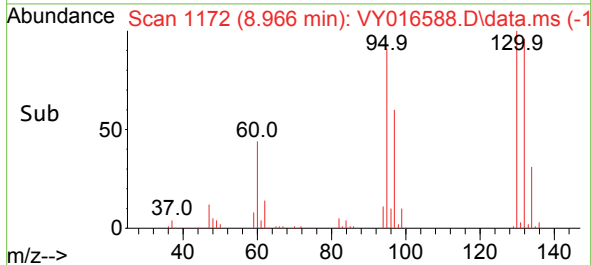
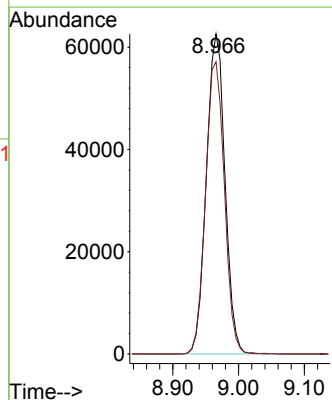
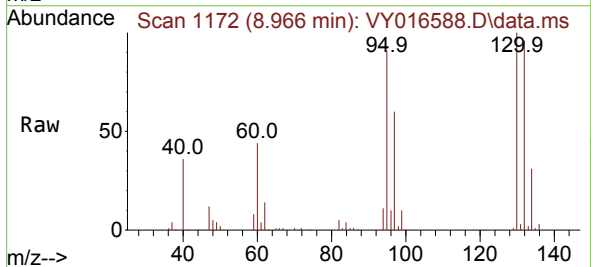
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

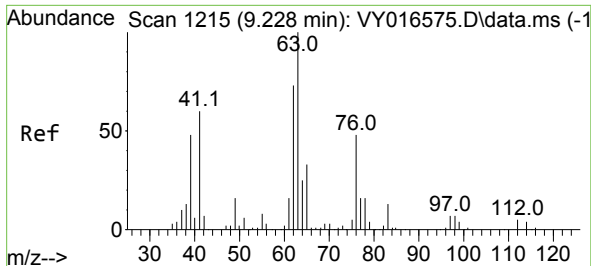
Tgt Ion: 43 Resp: 117422
Ion Ratio Lower Upper
43 100
61 30.4 21.1 31.7
87 14.6 9.8 14.8



#44
Trichloroethene
Concen: 50.250 ug/l
RT: 8.966 min Scan# 1172
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion:130 Resp: 123485
Ion Ratio Lower Upper
130 100
95 91.3 0.0 196.0

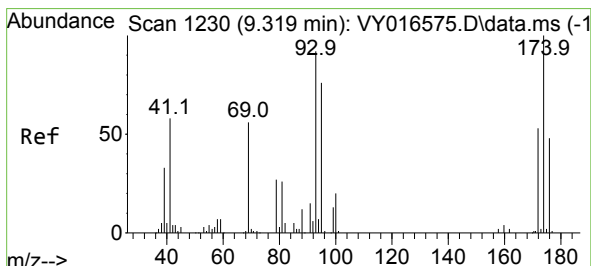
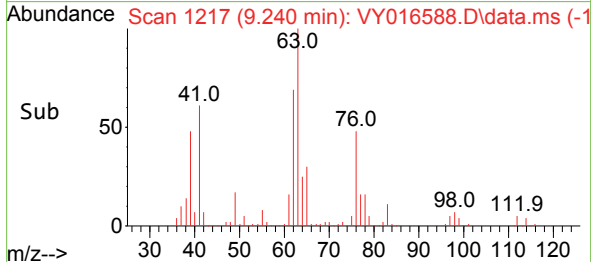
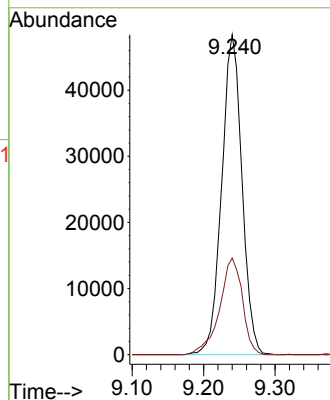
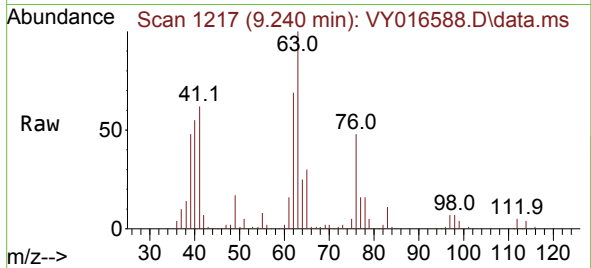




#45
1,2-Dichloropropane
Concen: 48.609 ug/l
RT: 9.240 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

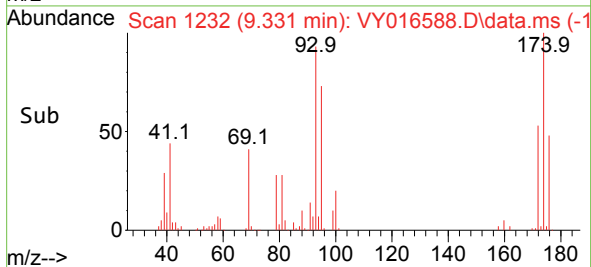
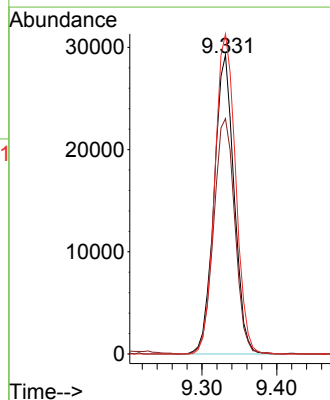
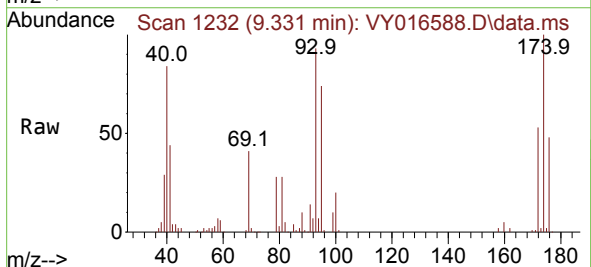
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120523

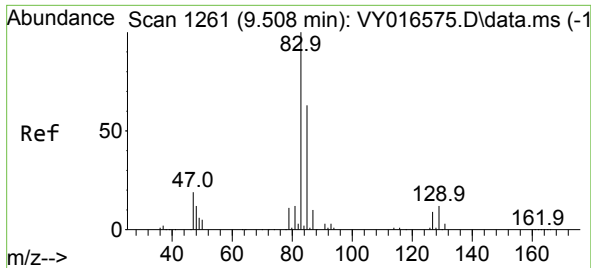
Tgt Ion: 63 Resp: 95362
Ion Ratio Lower Upper
63 100
65 30.2 23.8 35.6



#46
Dibromomethane
Concen: 50.634 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 93 Resp: 54456
Ion Ratio Lower Upper
93 100
95 83.0 66.6 100.0
174 111.1 84.8 127.2

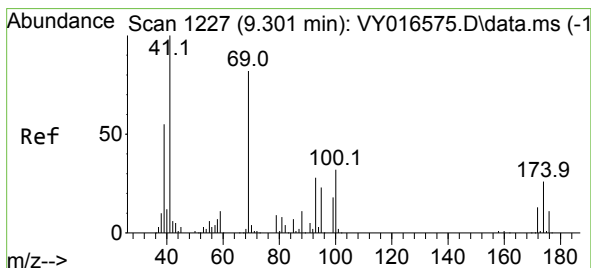
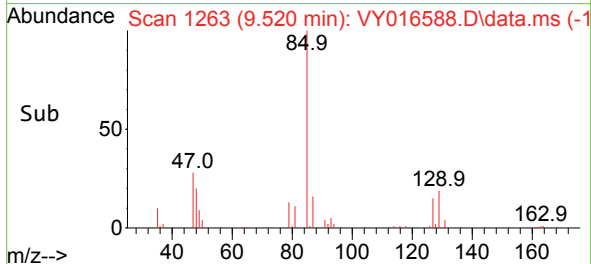
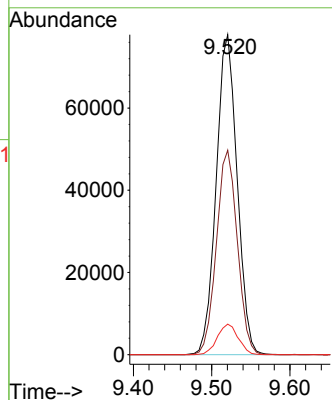
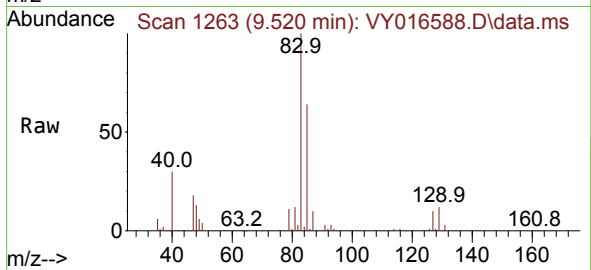




#47
Bromodichloromethane
Concen: 50.532 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

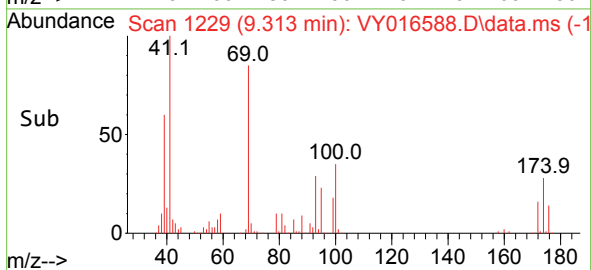
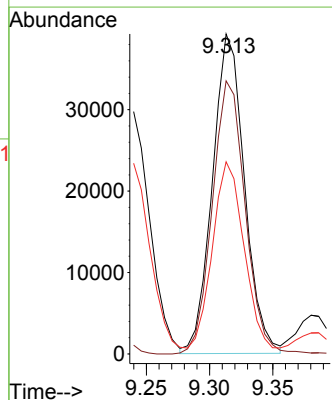
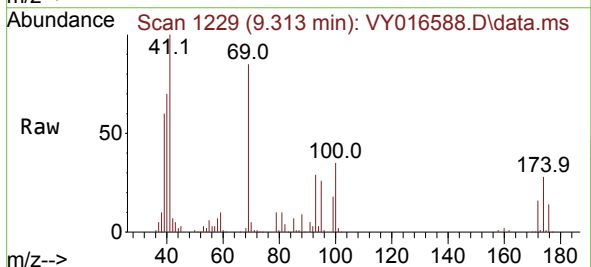
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

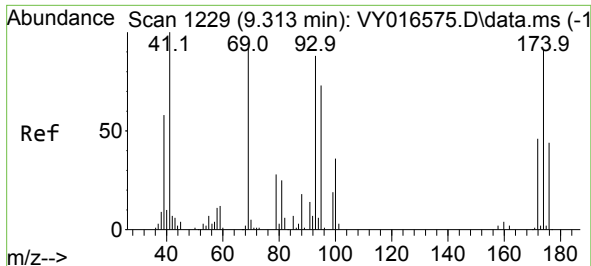
Tgt Ion: 83 Resp: 144684
Ion Ratio Lower Upper
83 100
85 63.9 50.1 75.1
127 9.5 7.1 10.7



#48
Methyl methacrylate
Concen: 51.379 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 41 Resp: 69245
Ion Ratio Lower Upper
41 100
69 87.7 64.5 96.7
39 57.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1010.680 ug/l

RT: 9.325 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

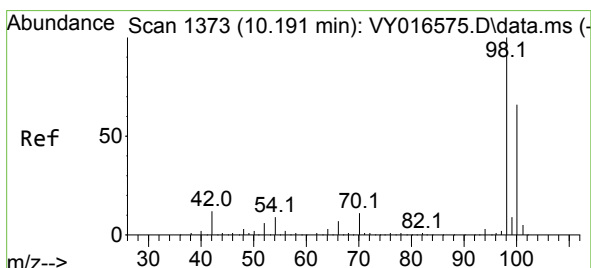
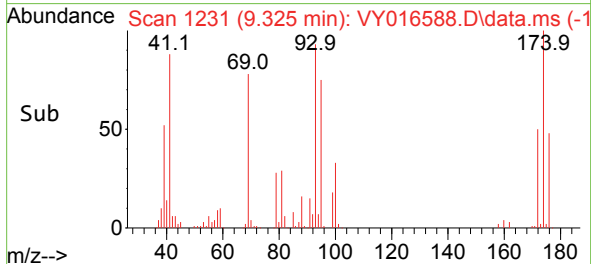
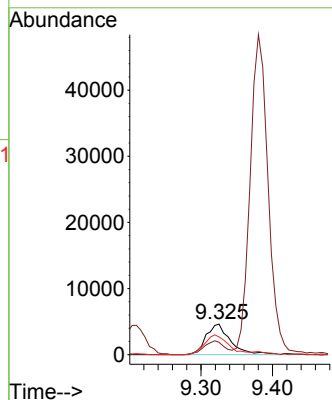
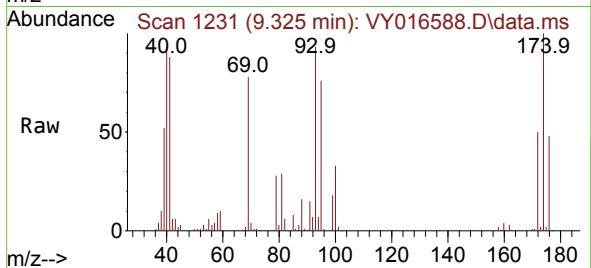
Tgt Ion: 88 Resp: 11002

Ion Ratio Lower Upper

88 100

43 38.3 0.0 0.0#

58 63.2 30.9 46.3#



#50

Toluene-d8

Concen: 50.827 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. 0.012 min

Lab File: VY016588.D

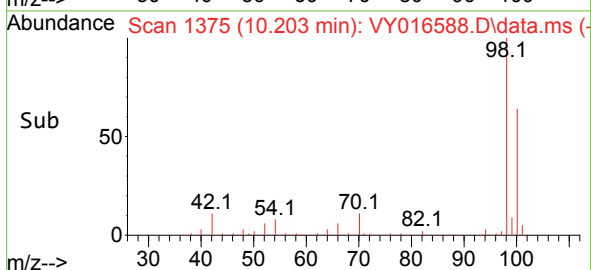
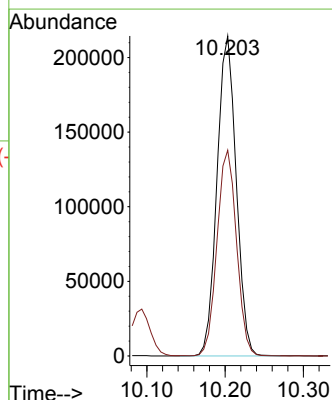
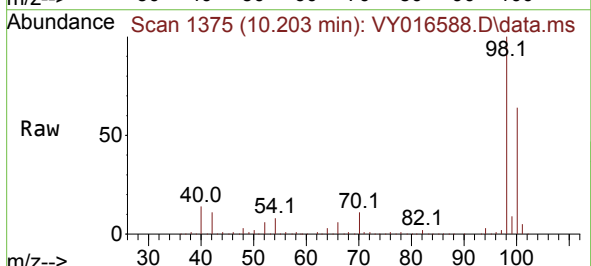
Acq: 05 Dec 2023 08:22

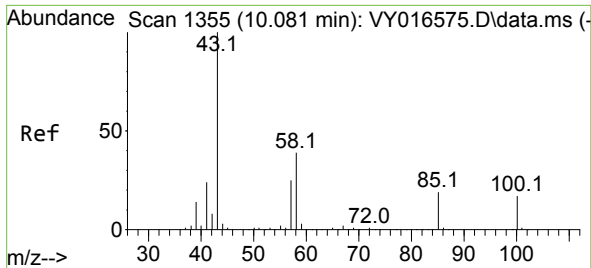
Tgt Ion: 98 Resp: 365636

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

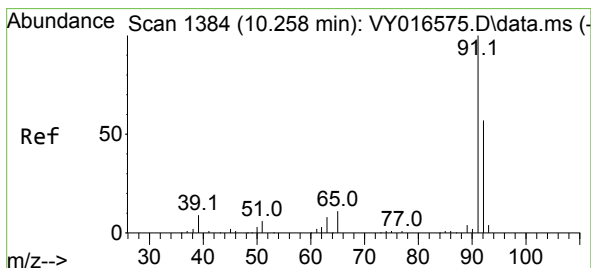
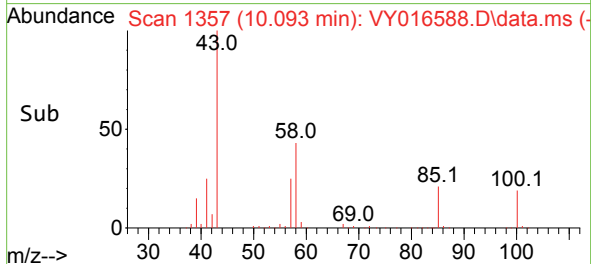
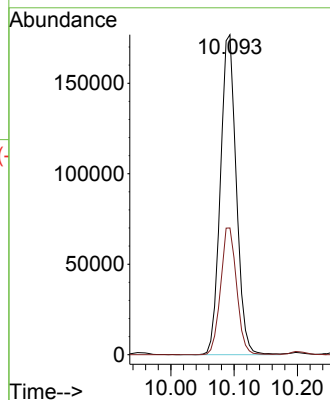
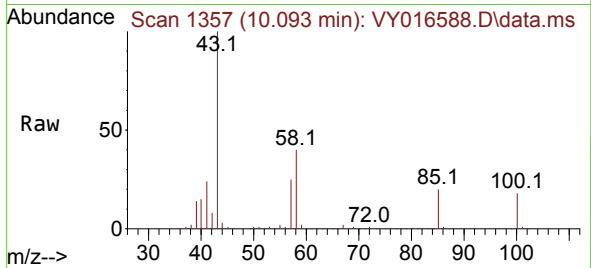




#51
4-Methyl-2-Pentanone
Concen: 253.733 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

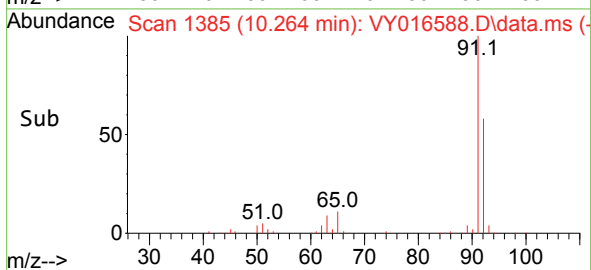
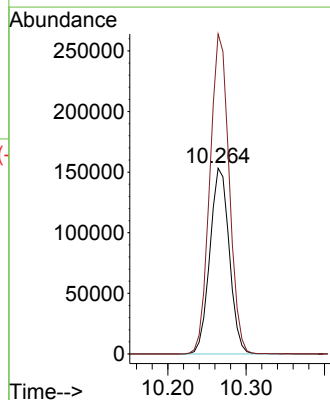
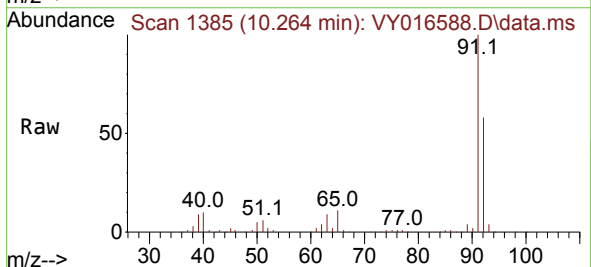
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120523

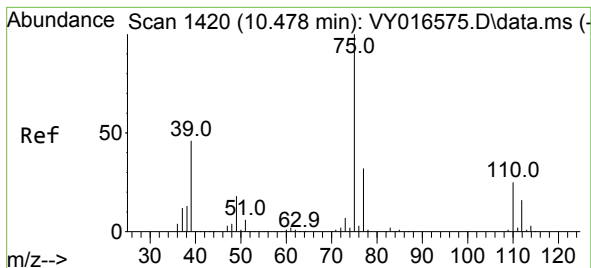
Tgt Ion: 43 Resp: 307718
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 51.584 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 92 Resp: 263444
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6

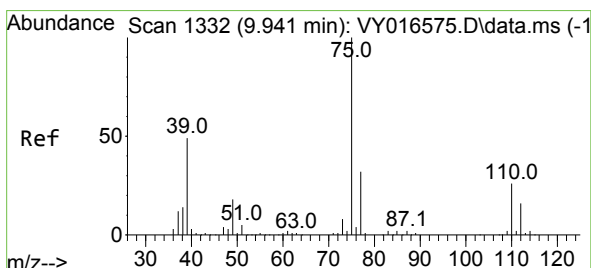
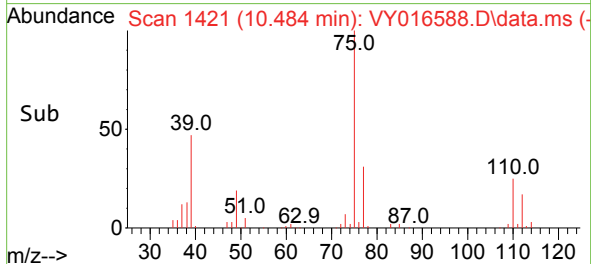
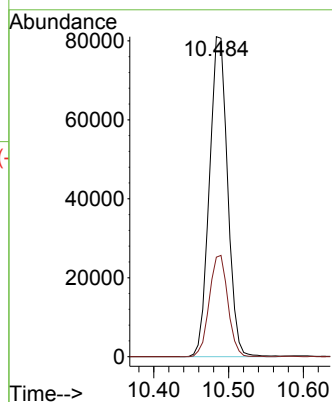
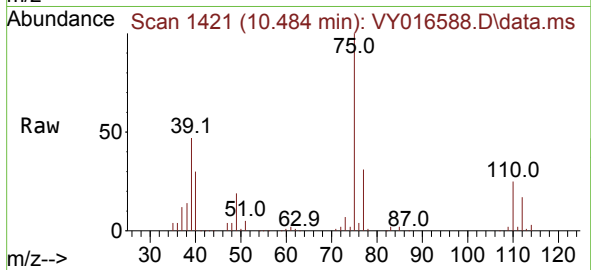




#53
 t-1,3-Dichloropropene
 Concen: 50.828 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016588.D
 Acq: 05 Dec 2023 08:22

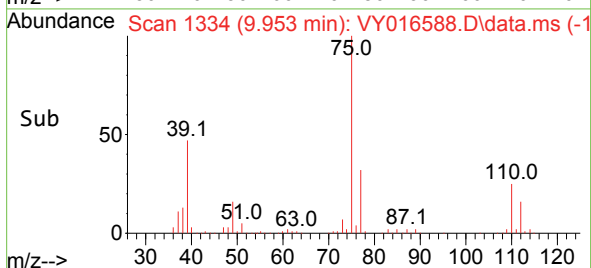
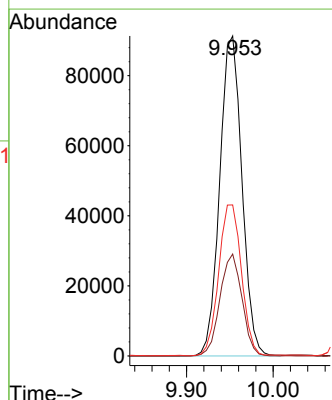
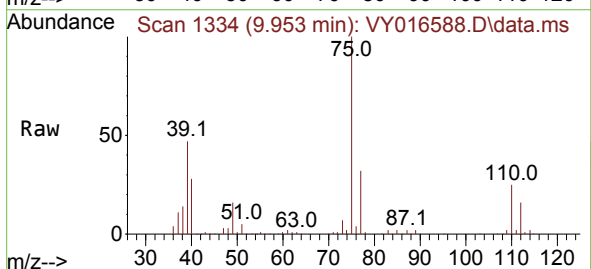
Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY120523

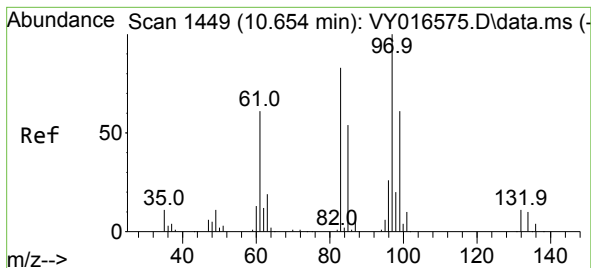
Tgt Ion: 75 Resp: 137345
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.299 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016588.D
 Acq: 05 Dec 2023 08:22

Tgt Ion: 75 Resp: 162800
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.2 36.4
 39 47.0 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 50.662 ug/l

RT: 10.666 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

Tgt Ion: 97 Resp: 75898

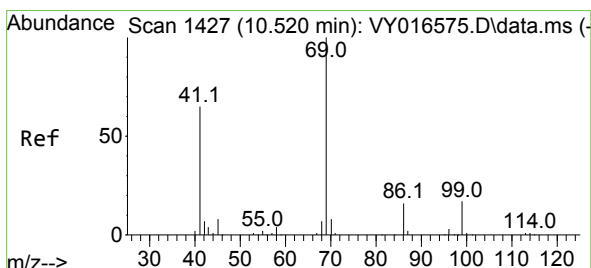
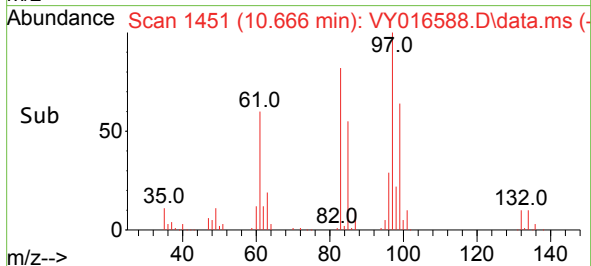
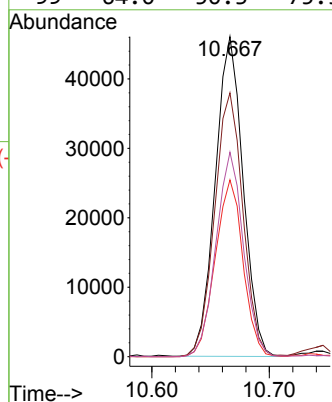
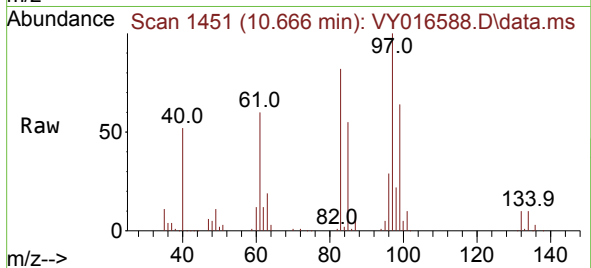
Ion Ratio Lower Upper

97 100

83 82.4 72.0 108.0

85 55.3 45.4 68.0

99 64.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 52.065 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

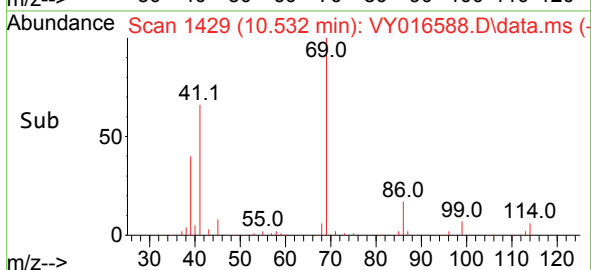
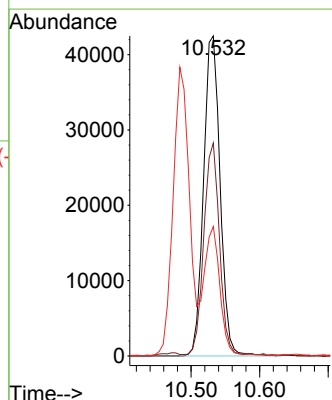
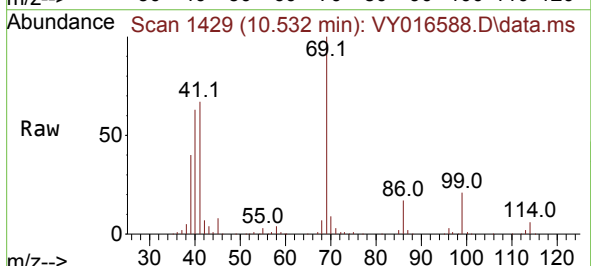
Tgt Ion: 69 Resp: 71497

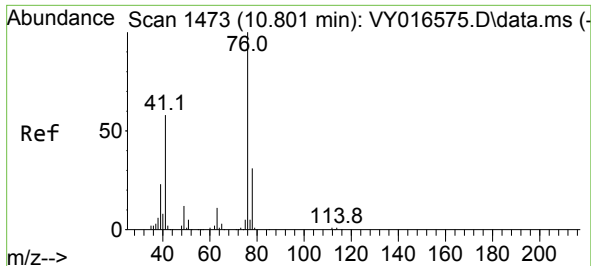
Ion Ratio Lower Upper

69 100

41 62.1 57.6 86.4

39 38.6 34.1 51.1





#57

1,3-Dichloropropane

Concen: 50.743 ug/l

RT: 10.813 min Scan# 1473

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

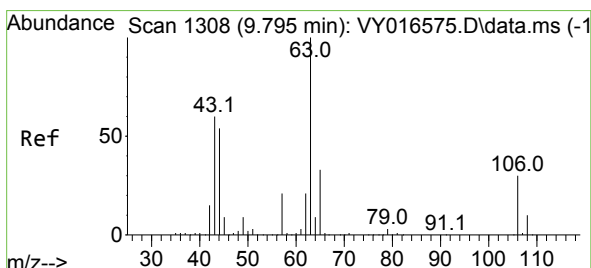
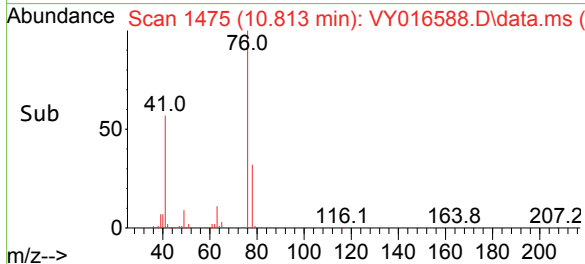
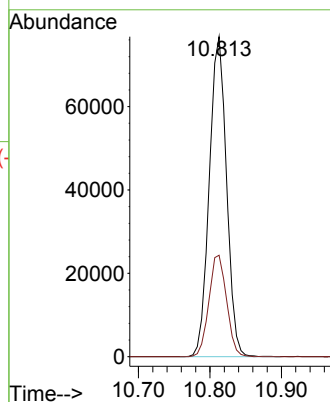
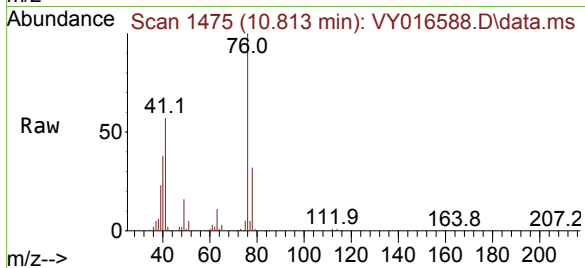
ICVVY120523

Tgt Ion: 76 Resp: 128421

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 277.365 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.012 min

Lab File: VY016588.D

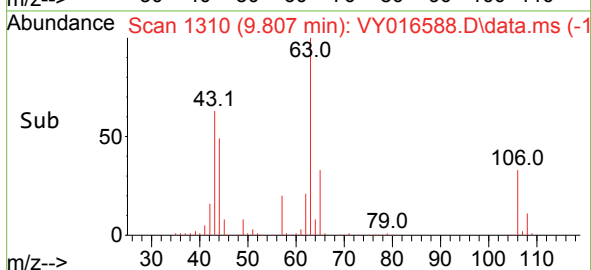
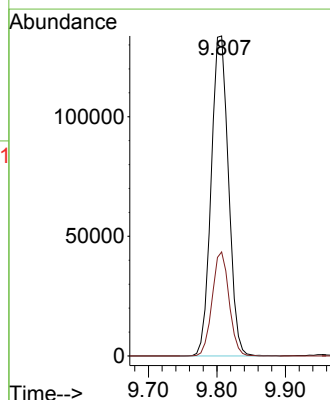
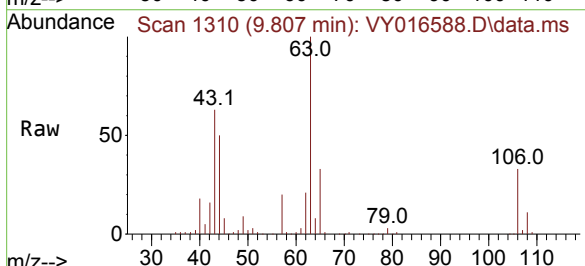
Acq: 05 Dec 2023 08:22

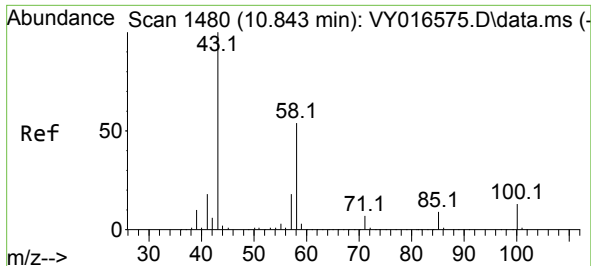
Tgt Ion: 63 Resp: 234725

Ion Ratio Lower Upper

63 100

106 31.6 21.2 31.8

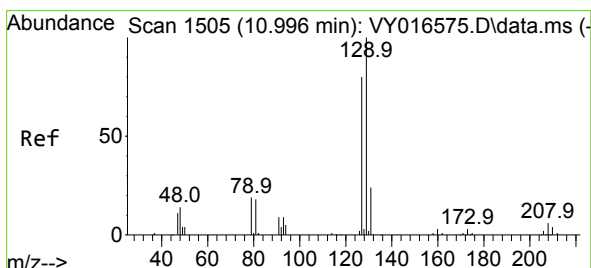
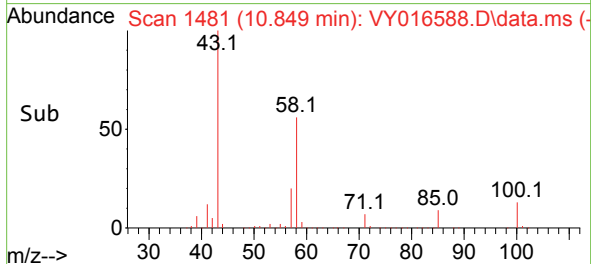
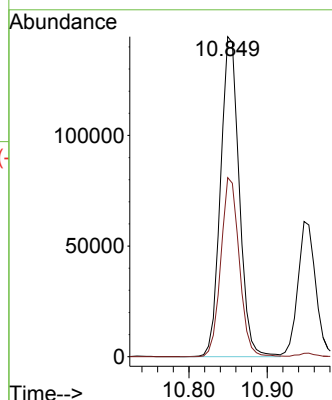
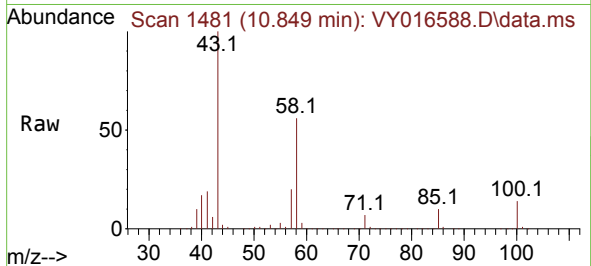




#59
2-Hexanone
Concen: 261.255 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

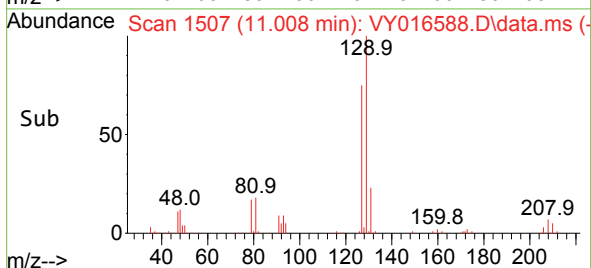
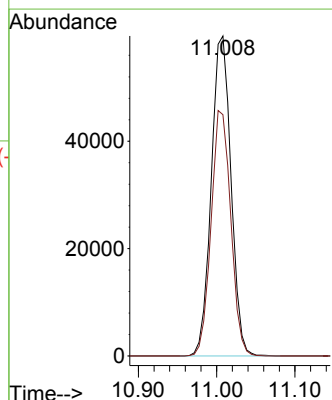
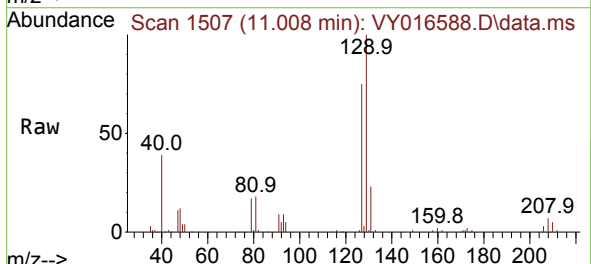
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

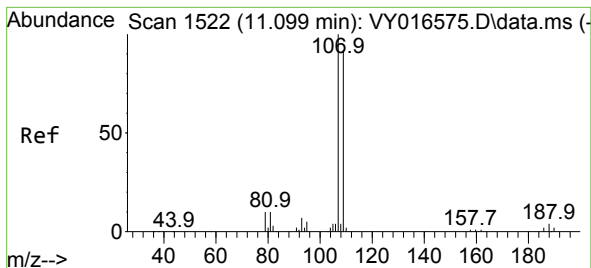
Tgt Ion: 43 Resp: 239685
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 52.061 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 129 Resp: 104210
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 52.068 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

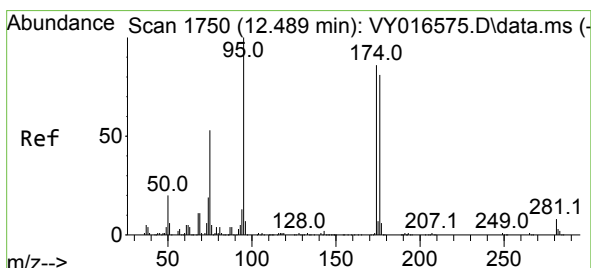
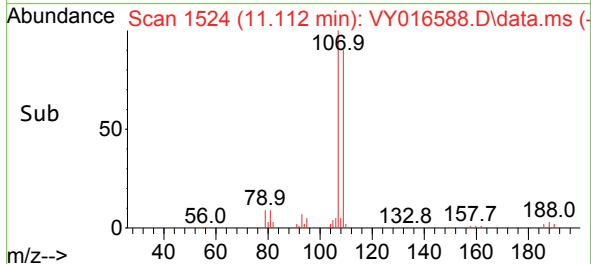
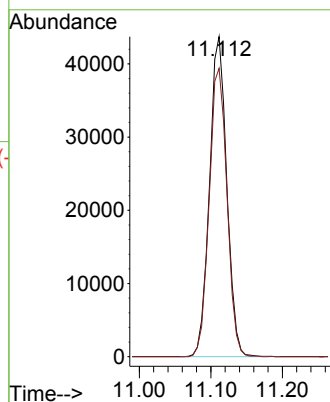
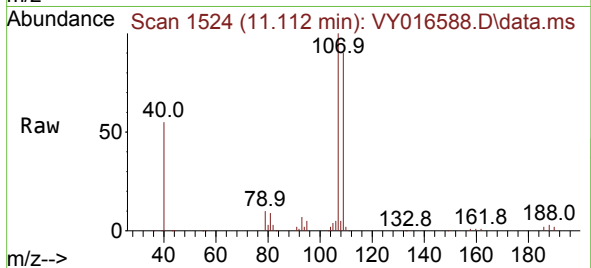
ICVVY120523

Tgt Ion:107 Resp: 73368

Ion Ratio Lower Upper

107 100

109 92.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.482 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

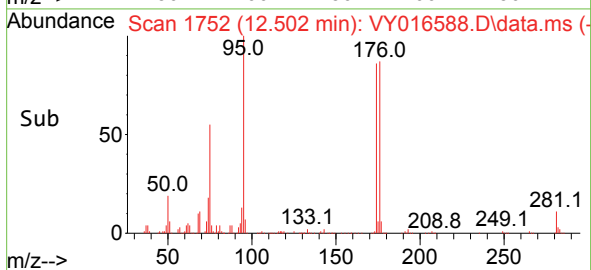
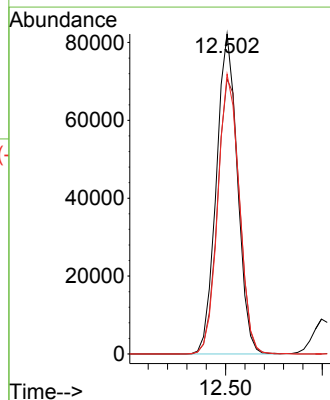
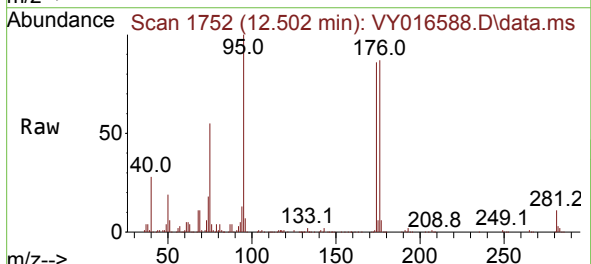
Tgt Ion: 95 Resp: 124156

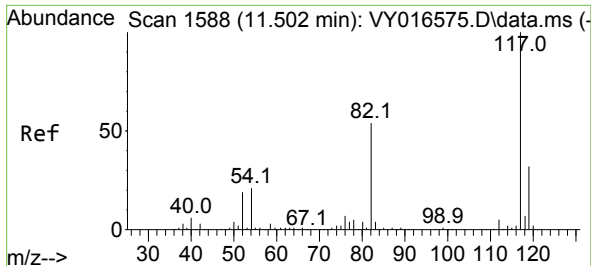
Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.2

176 88.8 0.0 173.8

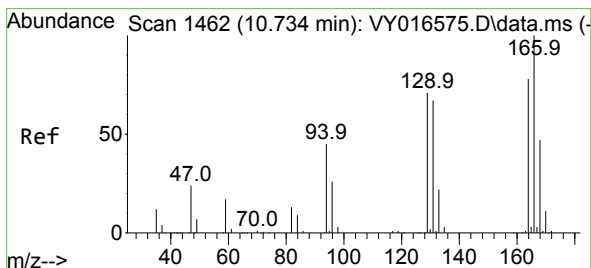
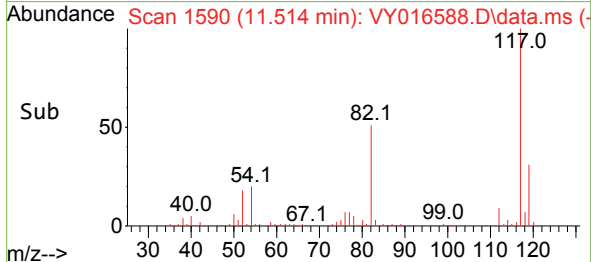
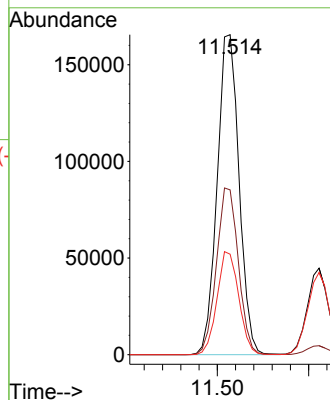
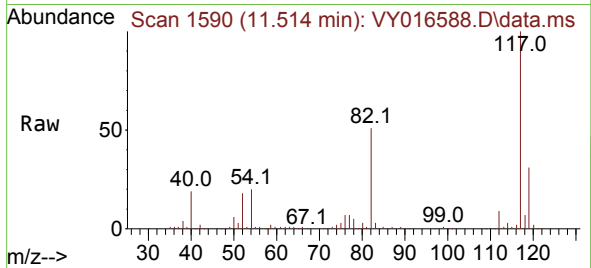




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

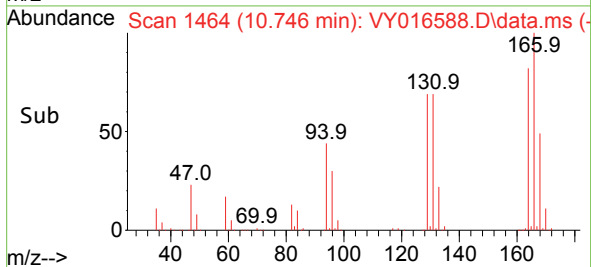
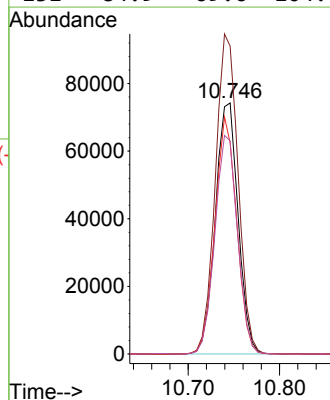
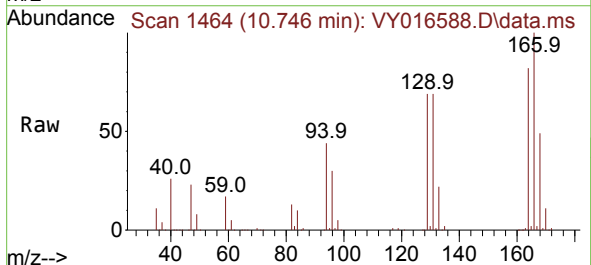
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

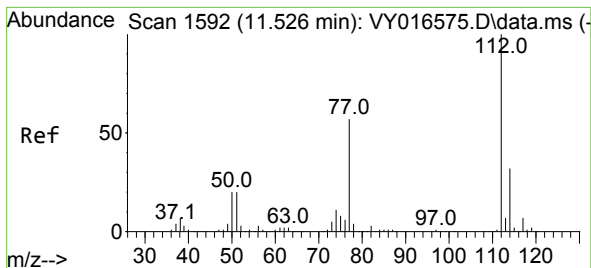
Tgt Ion:117 Resp: 275762
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.0
119 31.4 26.3 39.5



#64
Tetrachloroethene
Concen: 50.839 ug/l
RT: 10.746 min Scan# 1464
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion:164 Resp: 128485
Ion Ratio Lower Upper
164 100
166 122.6 103.0 154.6
129 84.0 77.2 115.8
131 84.9 69.6 104.4





#65

Chlorobenzene

Concen: 50.172 ug/l

RT: 11.538 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

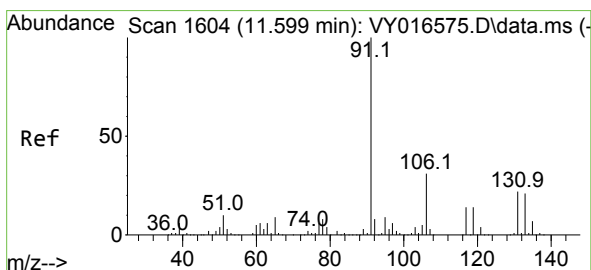
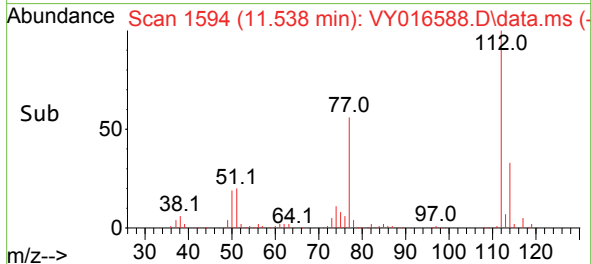
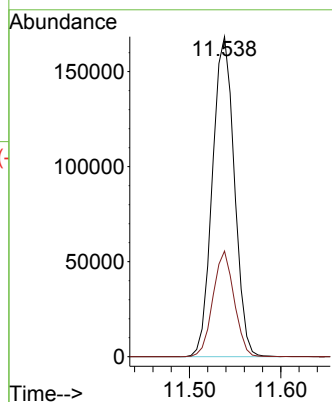
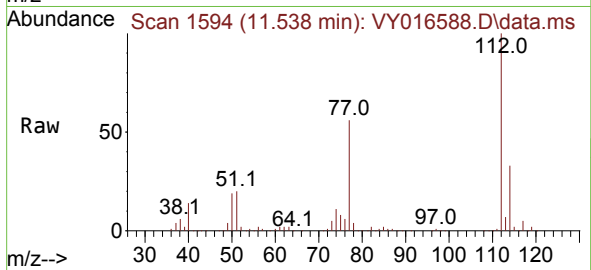
ICVVY120523

Tgt Ion:112 Resp: 280230

Ion Ratio Lower Upper

112 100

114 33.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 50.920 ug/l

RT: 11.611 min Scan# 1606

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

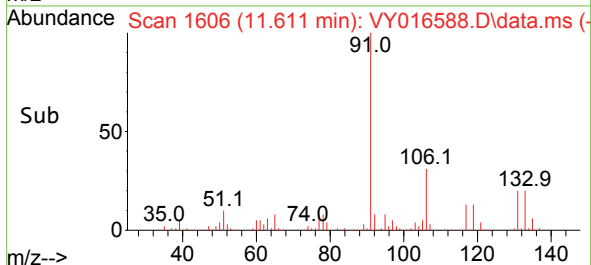
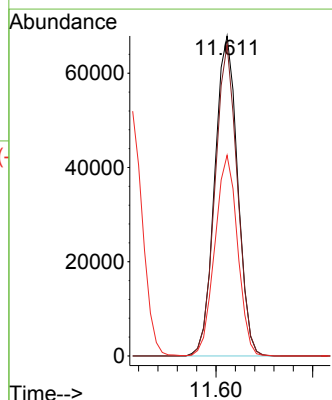
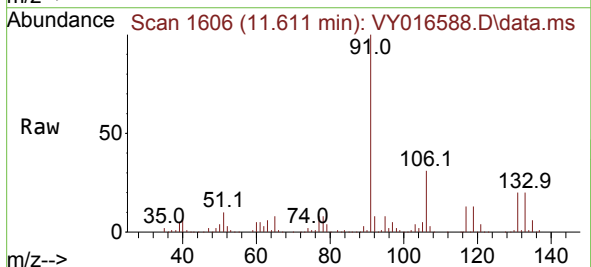
Tgt Ion:131 Resp: 111160

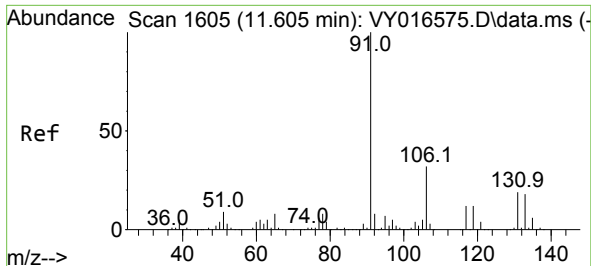
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 62.4 31.6 94.7





#67

Ethyl Benzene

Concen: 50.334 ug/l

RT: 11.611 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

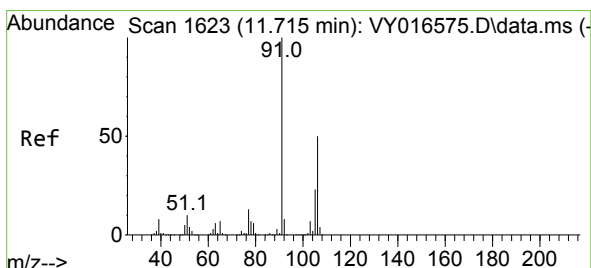
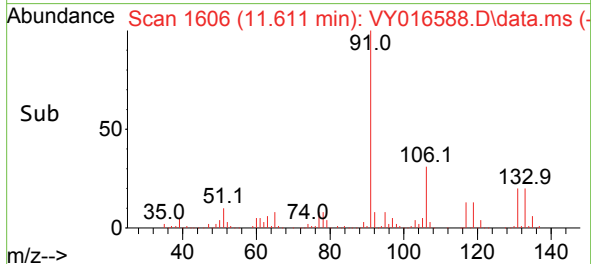
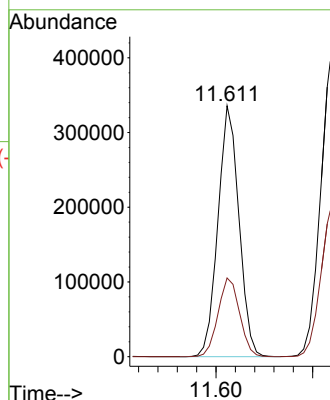
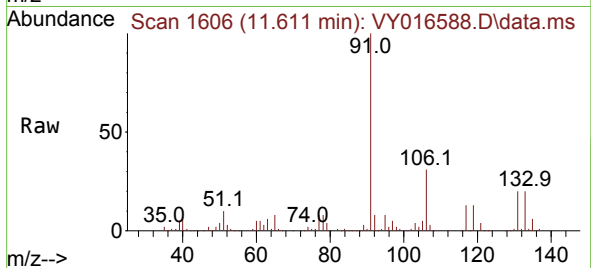
ICVVY120523

Tgt Ion: 91 Resp: 504194

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 101.431 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016588.D

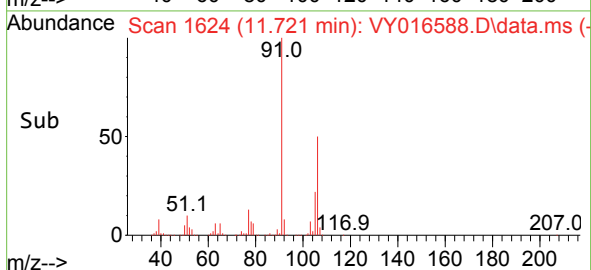
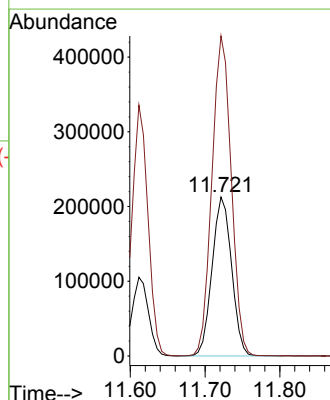
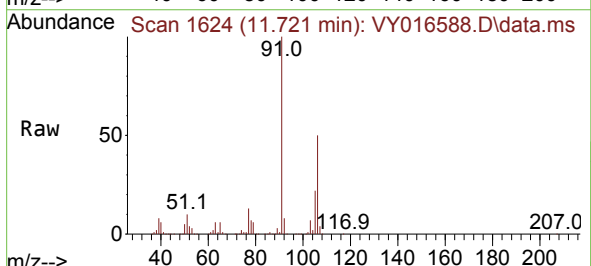
Acq: 05 Dec 2023 08:22

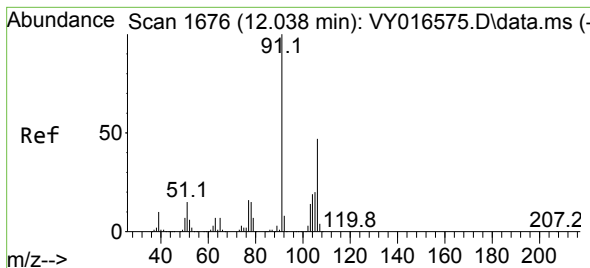
Tgt Ion:106 Resp: 385708

Ion Ratio Lower Upper

106 100

91 200.1 166.1 249.1





#69

o-Xylene

Concen: 51.373 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

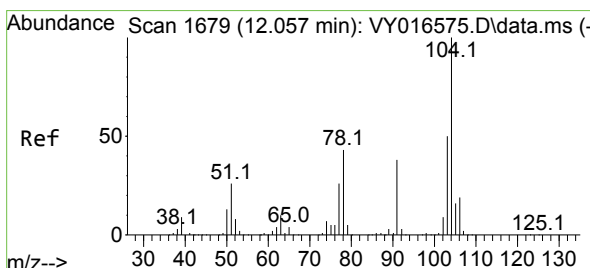
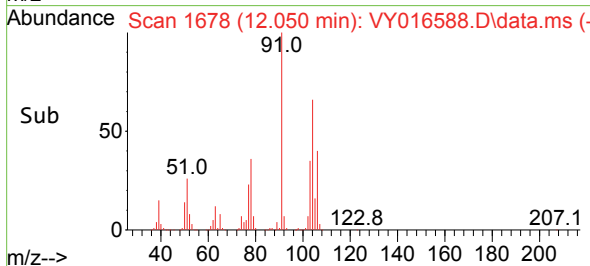
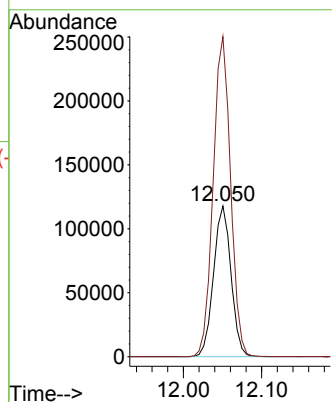
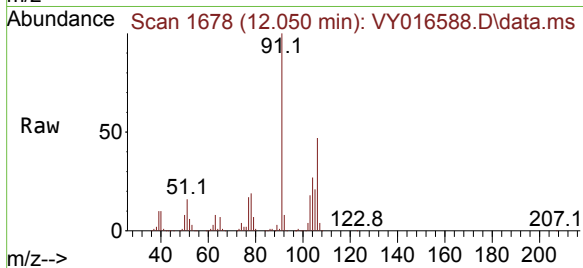
ICVY120523

Tgt Ion:106 Resp: 182367

Ion Ratio Lower Upper

106 100

91 212.1 108.1 324.3



#70

Styrene

Concen: 52.152 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

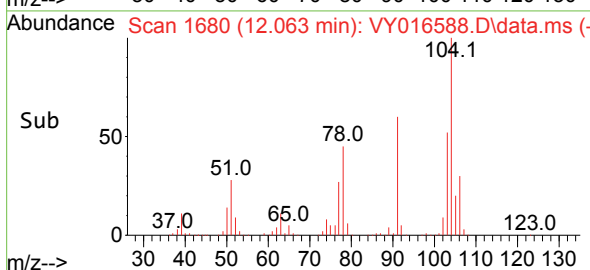
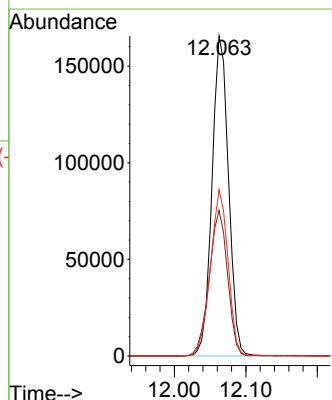
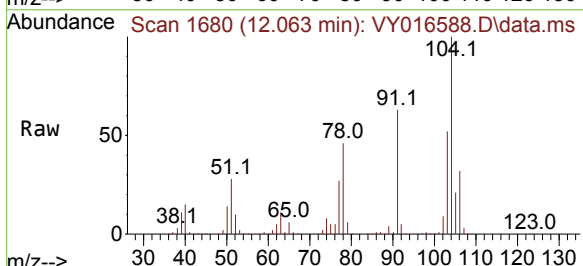
Tgt Ion:104 Resp: 265628

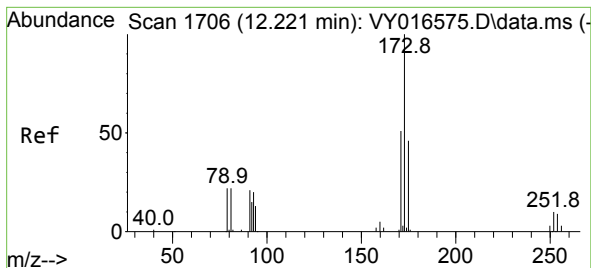
Ion Ratio Lower Upper

104 100

78 50.5 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 53.799 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

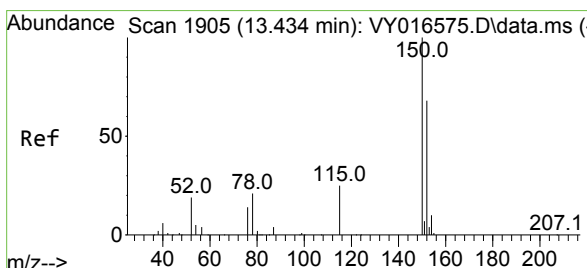
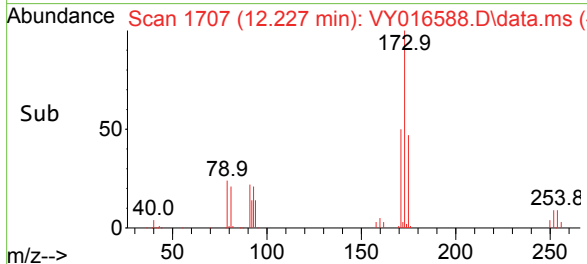
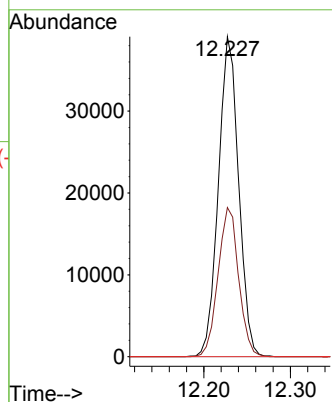
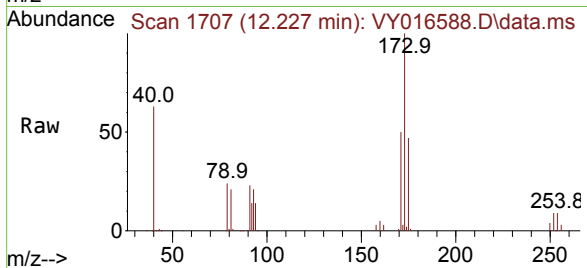
Tgt Ion:173 Resp: 63417

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

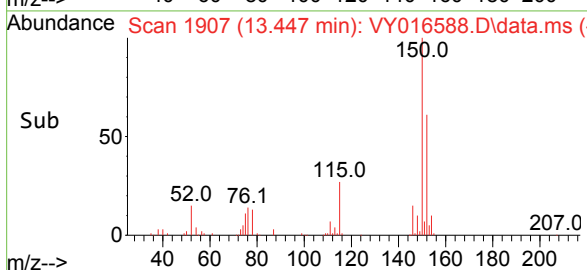
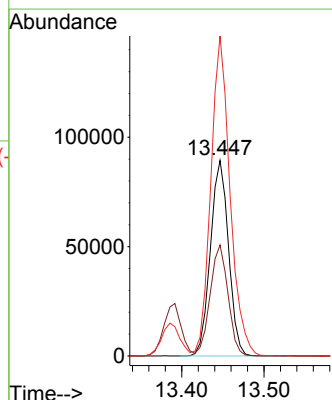
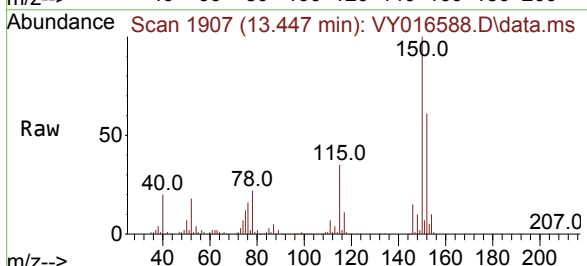
Tgt Ion:152 Resp: 136781

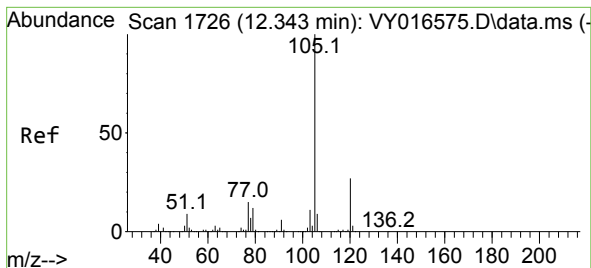
Ion Ratio Lower Upper

152 100

115 55.9 28.8 86.5

150 173.9 0.0 348.8





#73

Isopropylbenzene

Concen: 49.986 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

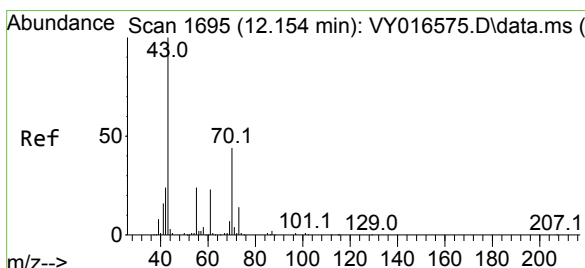
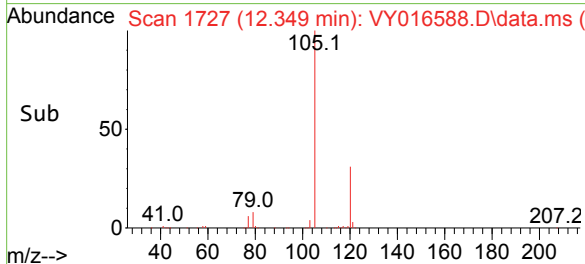
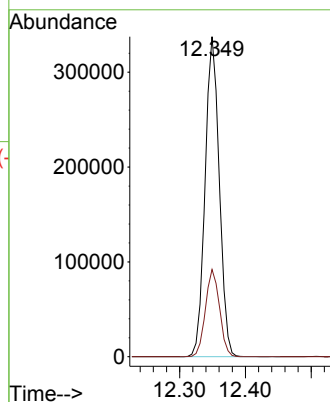
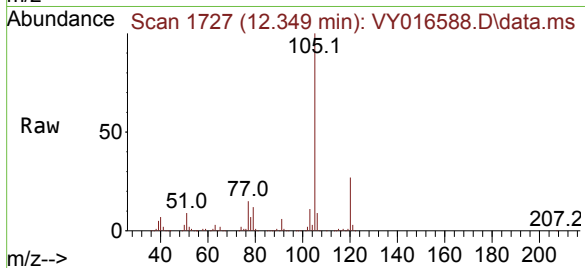
ICVVY120523

Tgt Ion:105 Resp: 506270

Ion Ratio Lower Upper

105 100

120 27.0 13.3 39.9



#74

N-ethyl acetate

Concen: 47.786 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Tgt Ion: 43 Resp: 96507

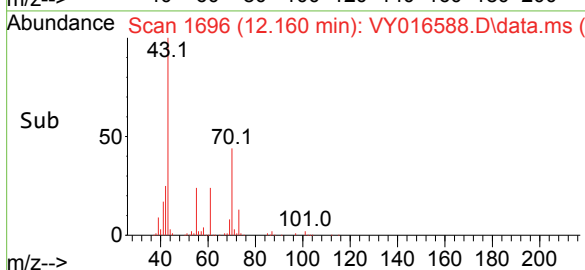
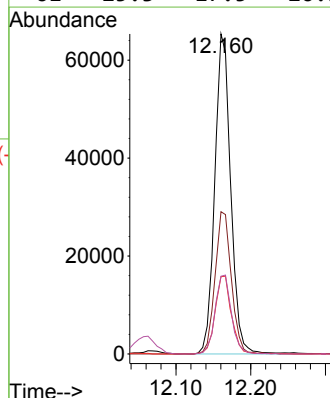
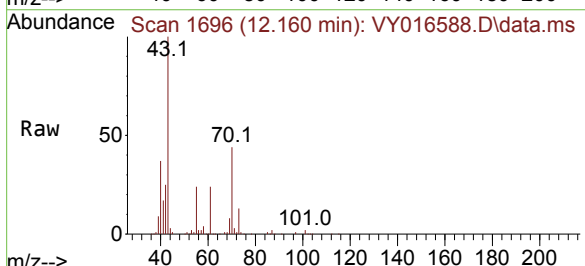
Ion Ratio Lower Upper

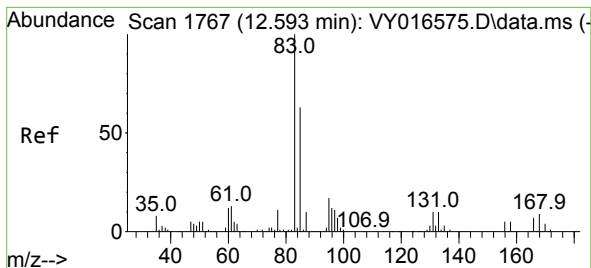
43 100

70 45.7 29.7 44.5#

55 25.0 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.205 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120523

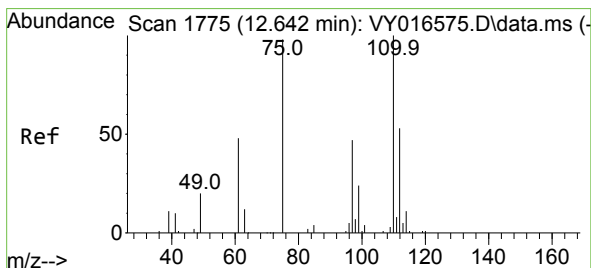
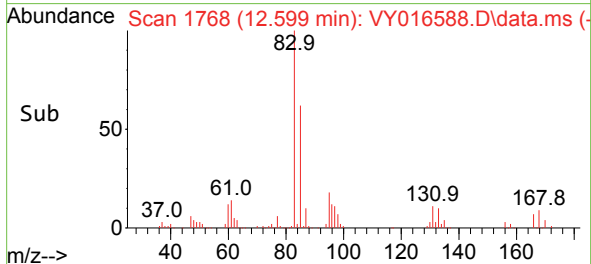
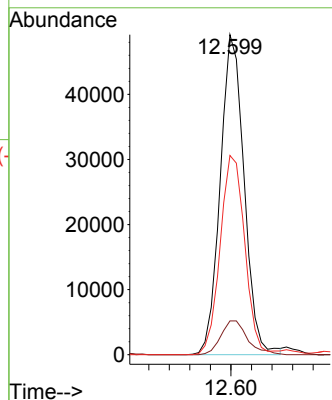
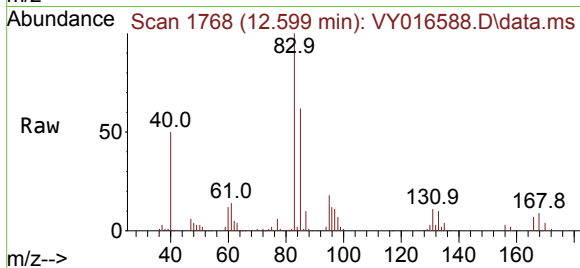
Tgt Ion: 83 Resp: 79265

Ion Ratio Lower Upper

83 100

131 11.8 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.579 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016588.D

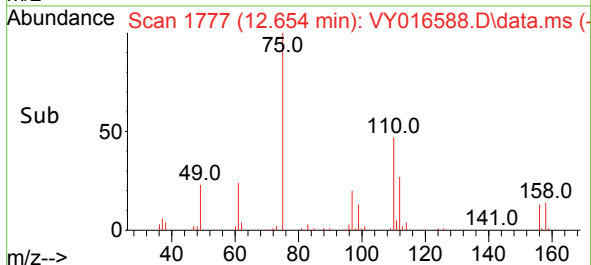
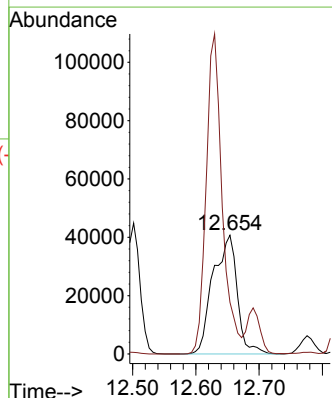
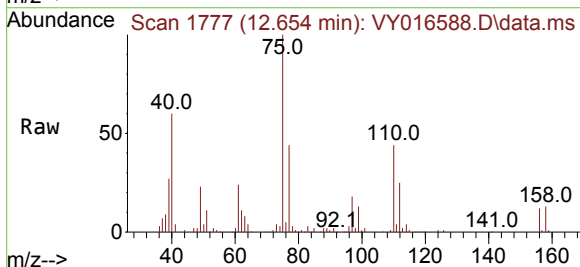
Acq: 05 Dec 2023 08:22

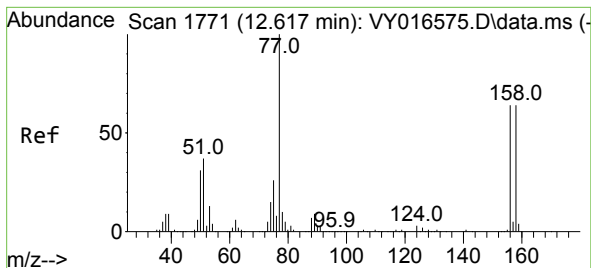
Tgt Ion: 75 Resp: 108211

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.690 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120523

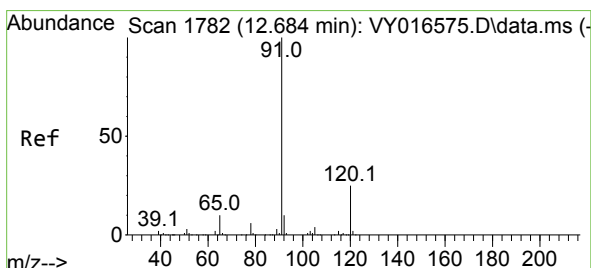
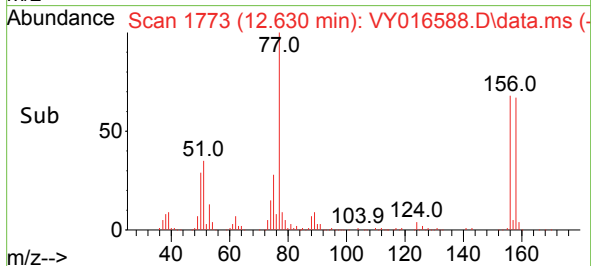
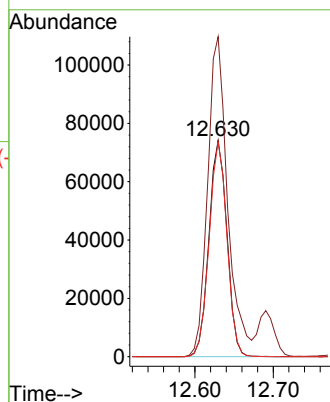
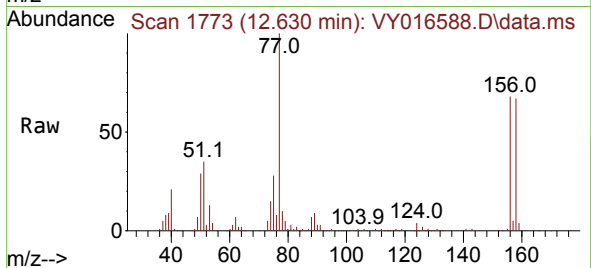
Tgt Ion:156 Resp: 118611

Ion Ratio Lower Upper

156 100

77 163.9 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 49.296 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VY016588.D

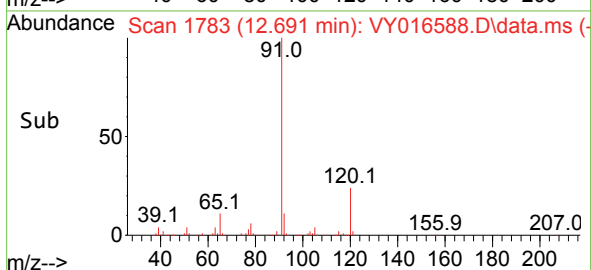
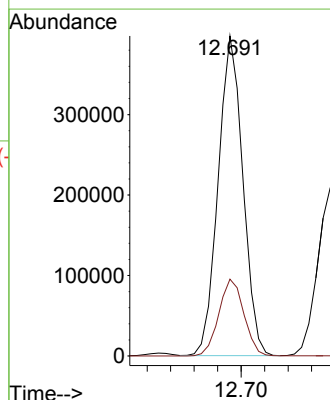
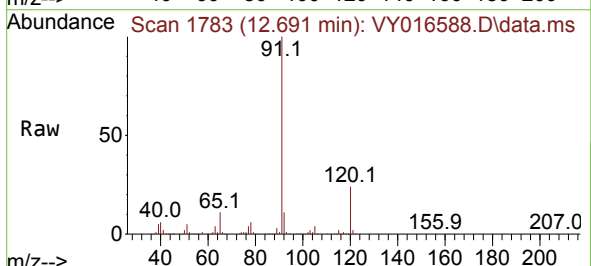
Acq: 05 Dec 2023 08:22

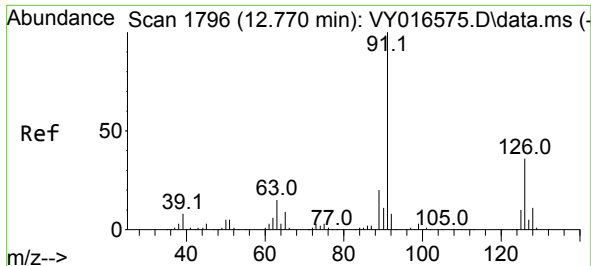
Tgt Ion: 91 Resp: 581134

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

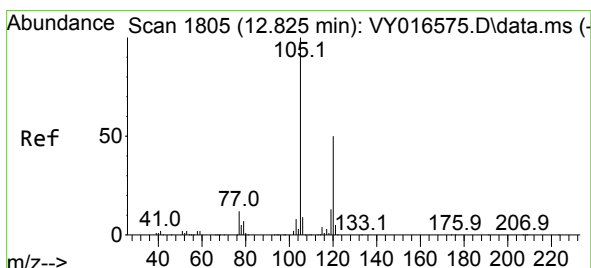
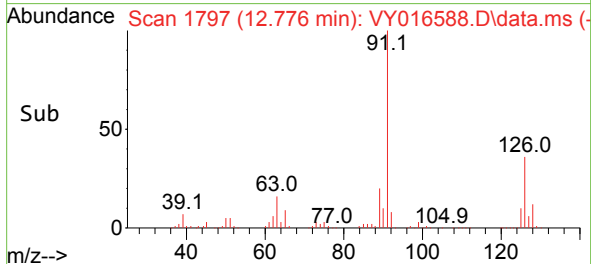
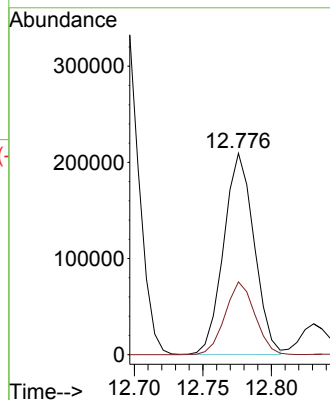
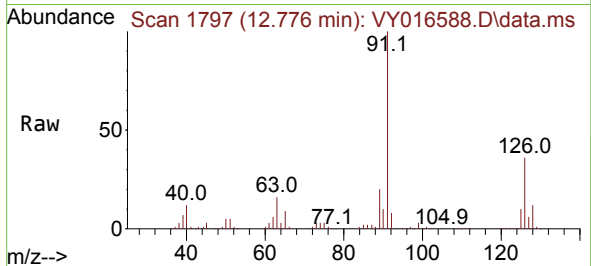




#79
2-Chlorotoluene
Concen: 48.740 ug/l
RT: 12.776 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

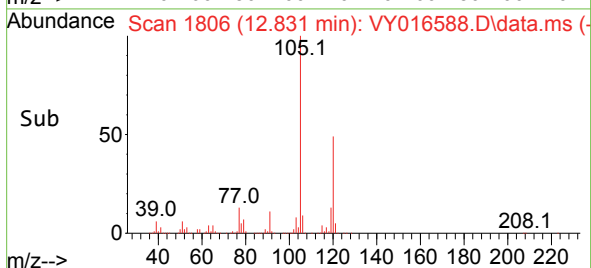
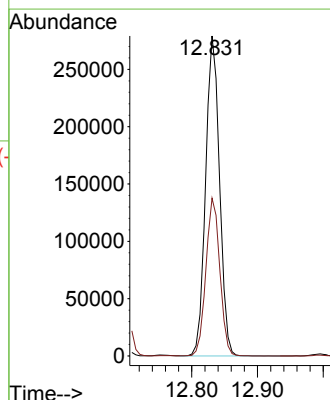
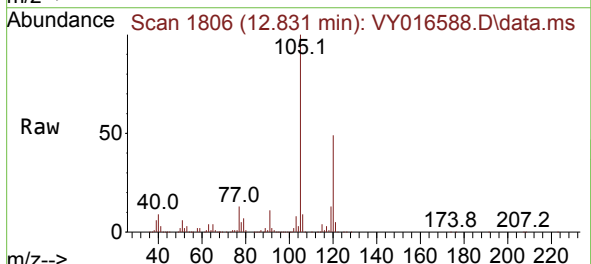
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

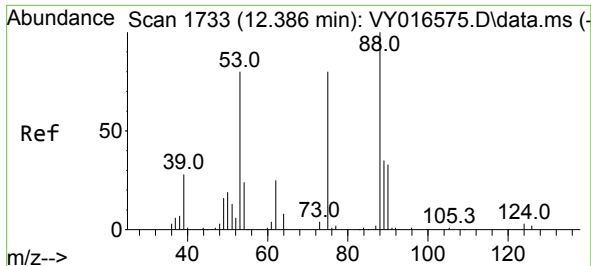
Tgt Ion: 91 Resp: 323780
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.896 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion: 105 Resp: 410636
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

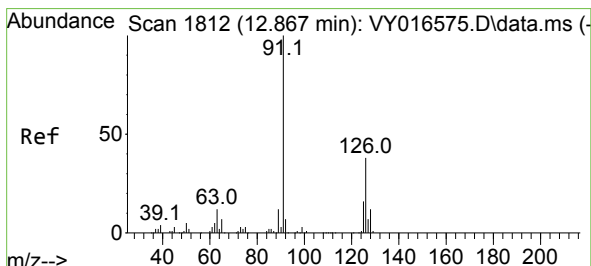
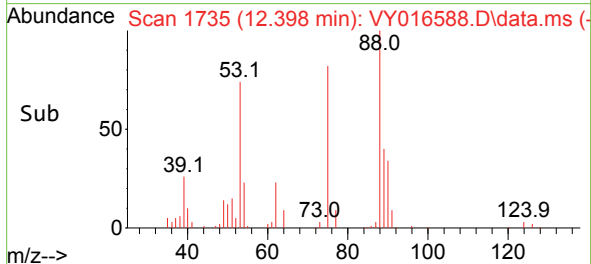
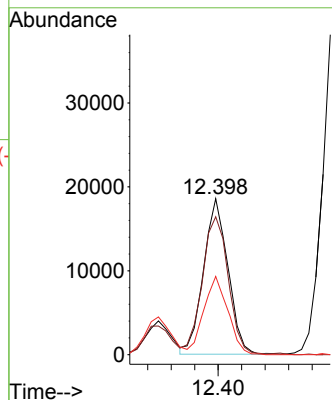
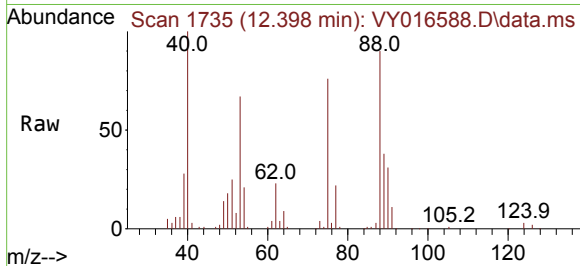




#81
trans-1,4-Dichloro-2-butene
Concen: 48.916 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

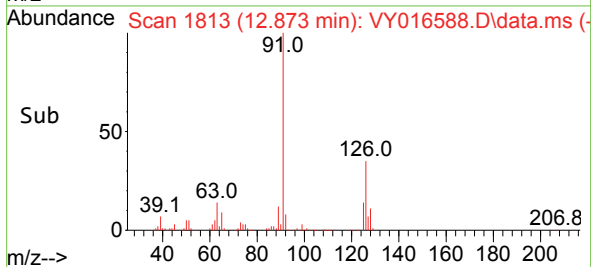
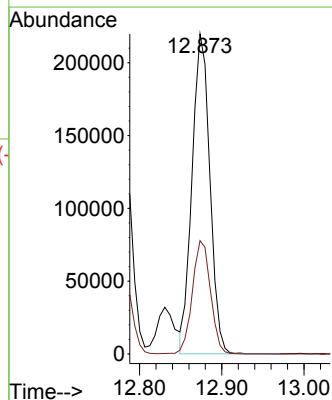
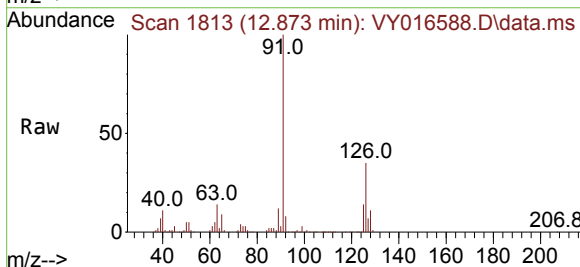
Instrument :
MSVOA_Y
ClientSampleId :
ICVVY120523

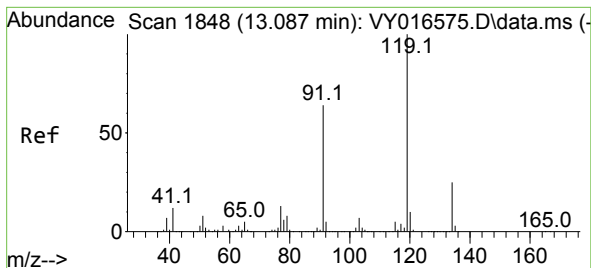
Tgt Ion:	75	Resp:	26793
Ion	Ratio	Lower	Upper
75	100		
53	93.9	77.8	116.8
89	49.6	37.4	56.0



#82
4-Chlorotoluene
Concen: 48.037 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion:	91	Resp:	330196
Ion	Ratio	Lower	Upper
91	100		
126	36.3	17.2	51.6

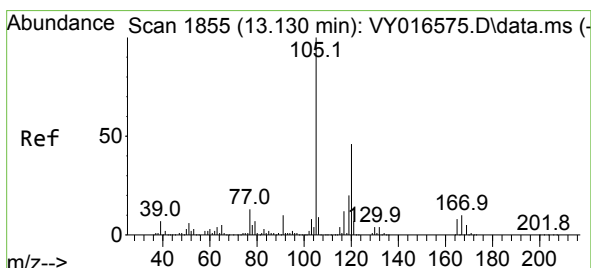
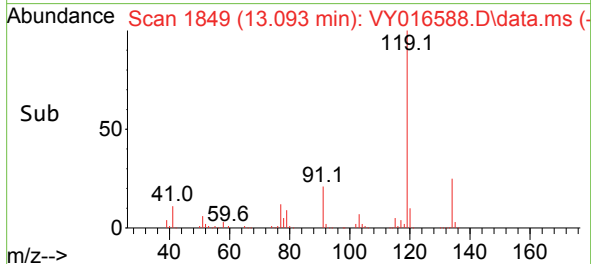
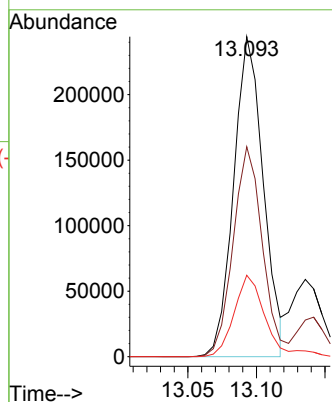
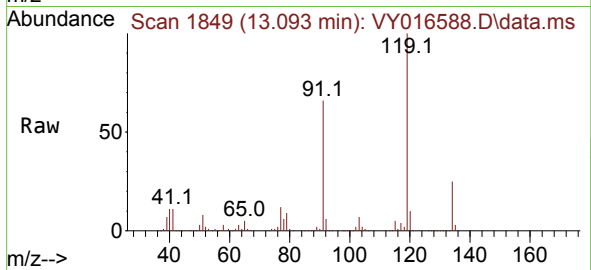




#83
tert-Butylbenzene
Concen: 49.972 ug/l
RT: 13.093 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

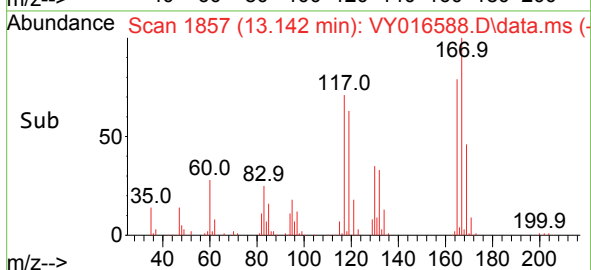
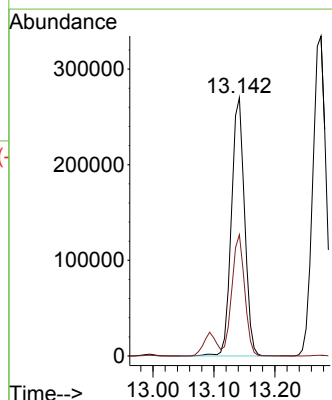
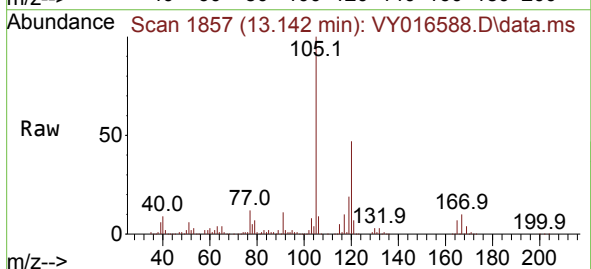
Instrument :
MSVOA_Y
ClientSampleId :
ICVY120523

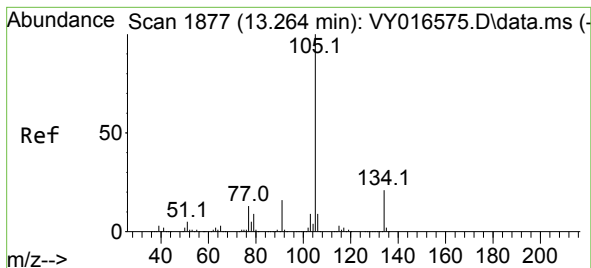
Tgt Ion:119 Resp: 367448
Ion Ratio Lower Upper
119 100
91 65.2 32.9 98.6
134 27.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 50.387 ug/l
RT: 13.142 min Scan# 1857
Delta R.T. 0.012 min
Lab File: VY016588.D
Acq: 05 Dec 2023 08:22

Tgt Ion:105 Resp: 405039
Ion Ratio Lower Upper
105 100
120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 49.470 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

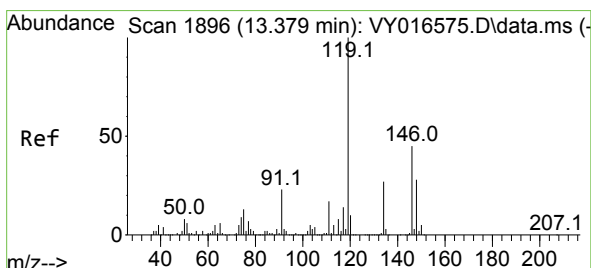
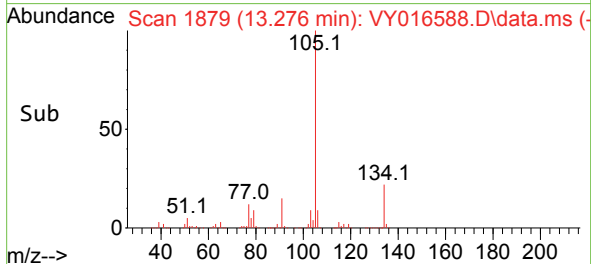
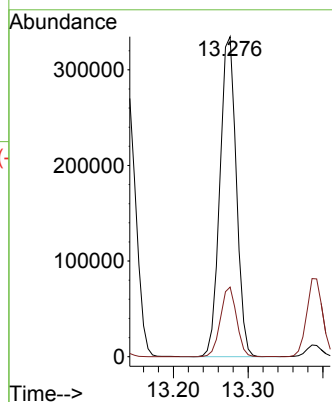
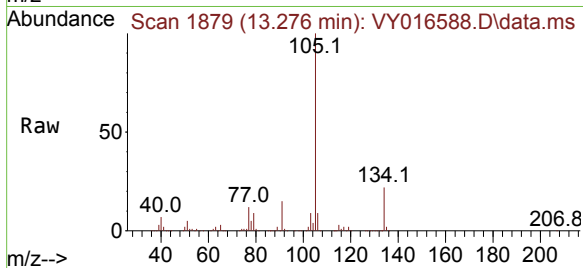
ICVVY120523

Tgt Ion:105 Resp: 510897

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 50.893 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

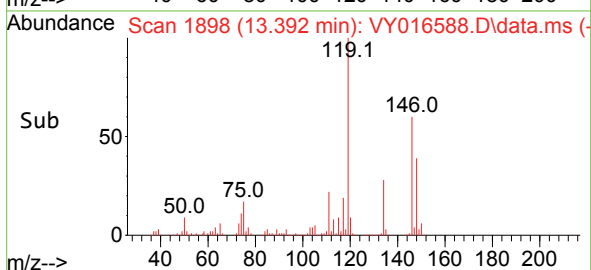
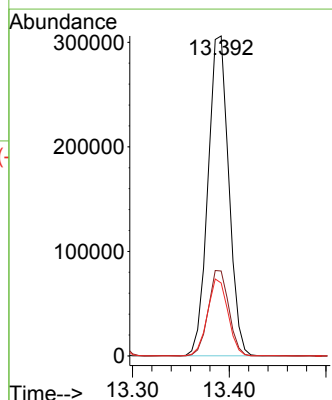
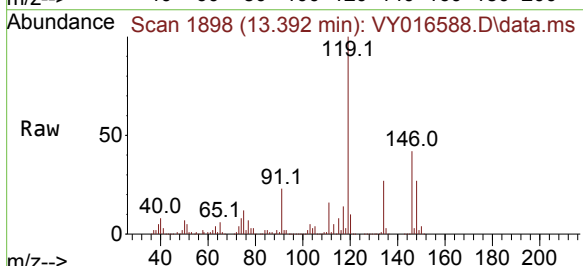
Tgt Ion:119 Resp: 456241

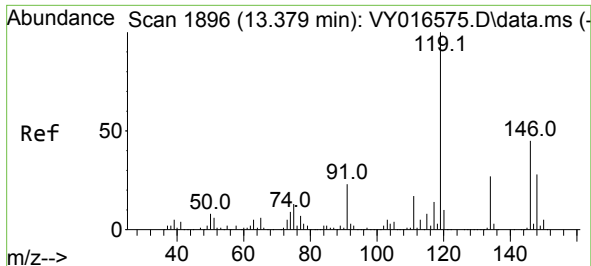
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.710 ug/l

RT: 13.386 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

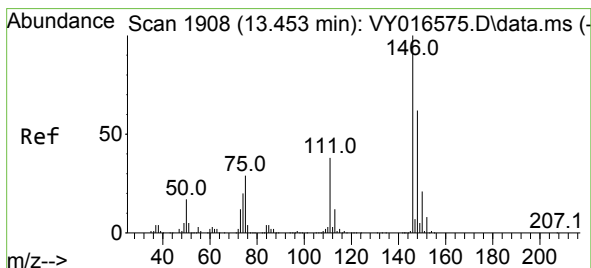
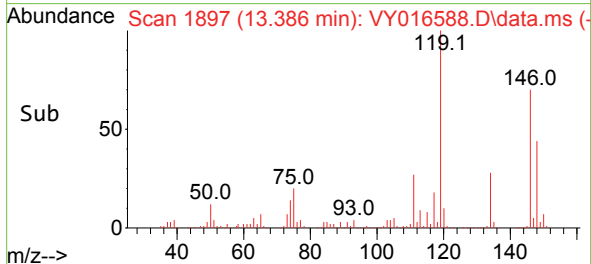
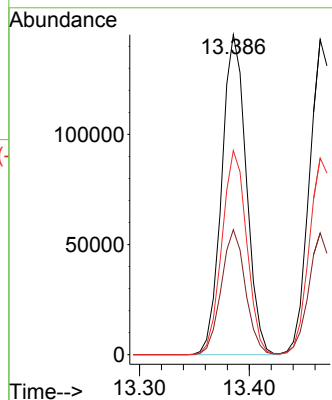
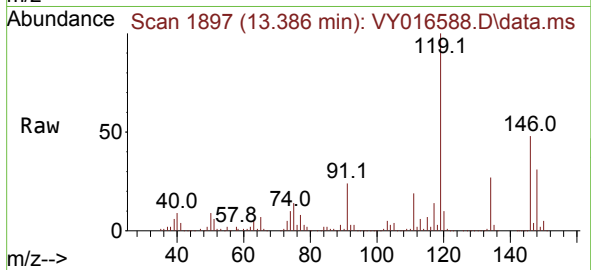
Tgt Ion:146 Resp: 226510

Ion Ratio Lower Upper

146 100

111 38.4 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.059 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

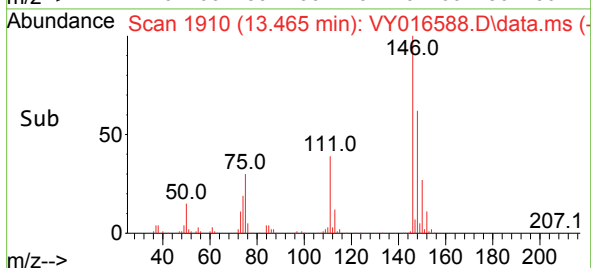
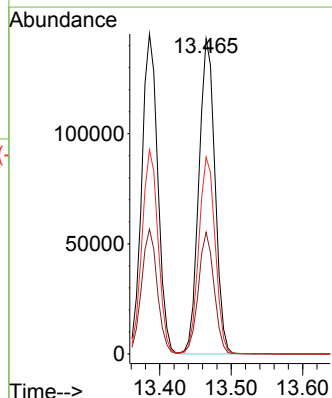
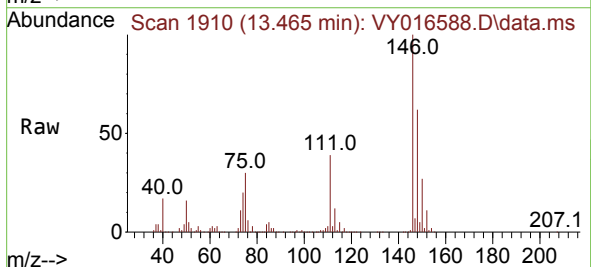
Tgt Ion:146 Resp: 223859

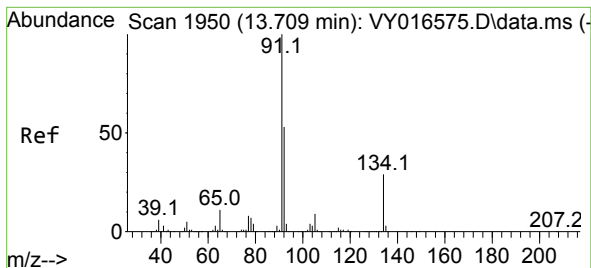
Ion Ratio Lower Upper

146 100

111 37.7 18.9 56.7

148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 51.038 ug/l

RT: 13.715 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVY120523

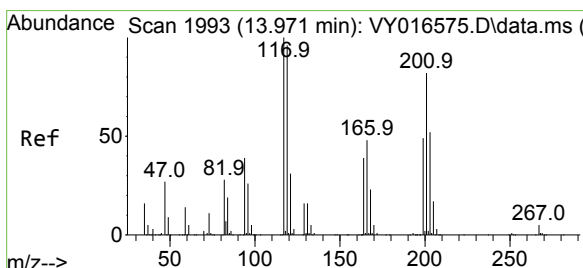
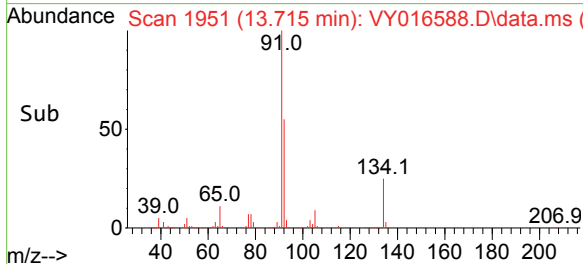
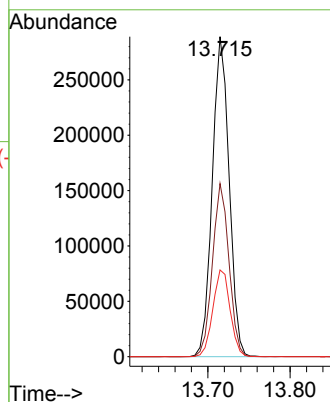
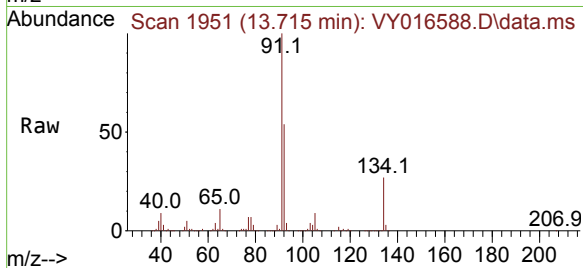
Tgt Ion: 91 Resp: 411475

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 27.8 12.6 37.6



#90

Hexachloroethane

Concen: 49.419 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016588.D

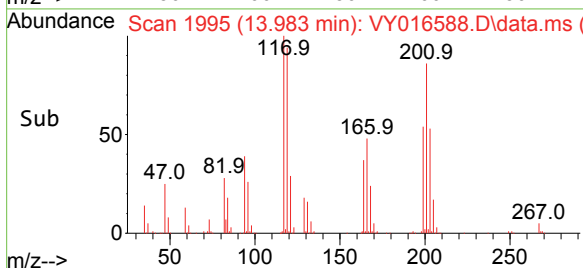
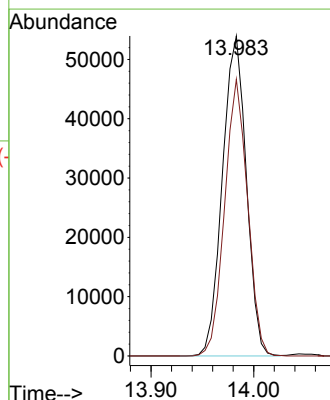
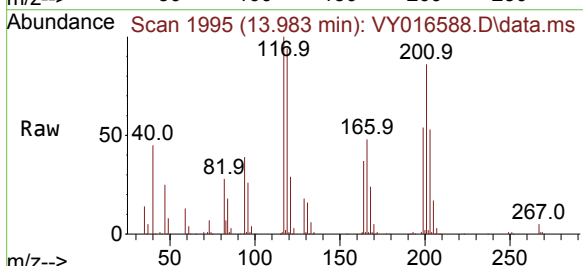
Acq: 05 Dec 2023 08:22

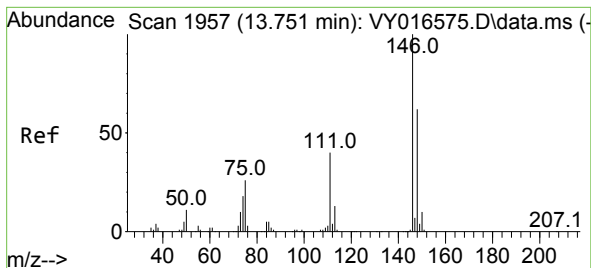
Tgt Ion: 117 Resp: 87170

Ion Ratio Lower Upper

117 100

201 82.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.581 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

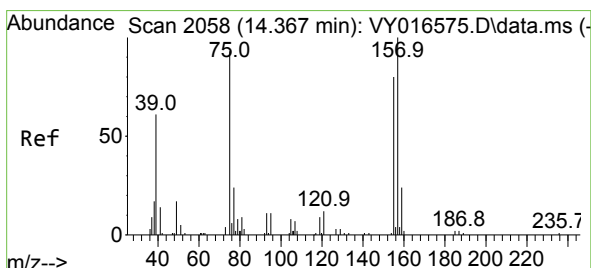
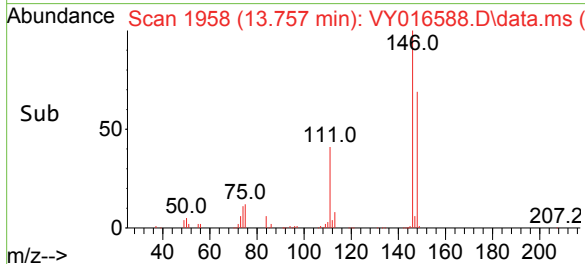
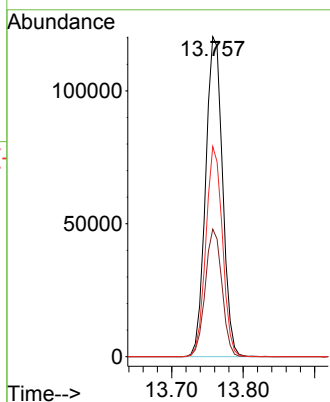
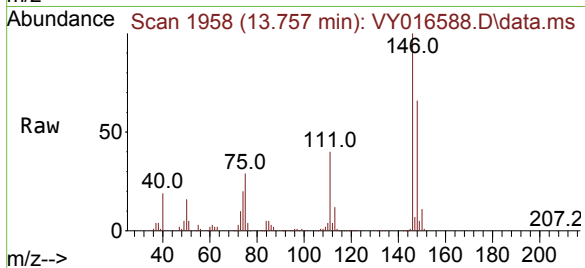
Tgt Ion:146 Resp: 197882

Ion Ratio Lower Upper

146 100

111 39.3 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.736 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

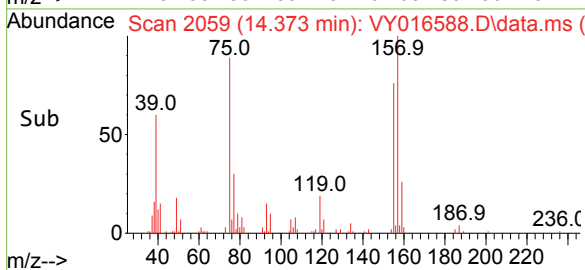
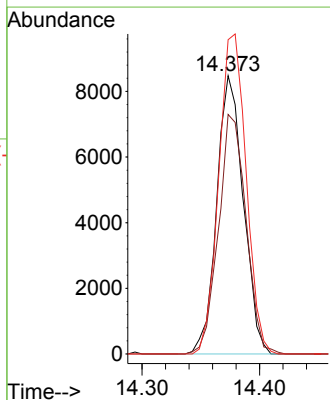
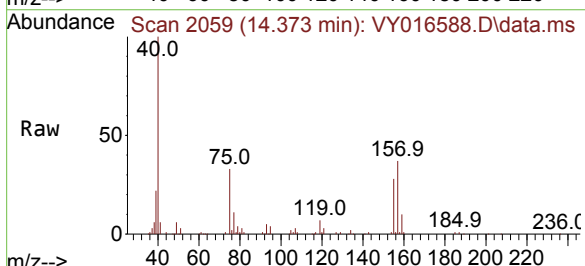
Tgt Ion: 75 Resp: 13337

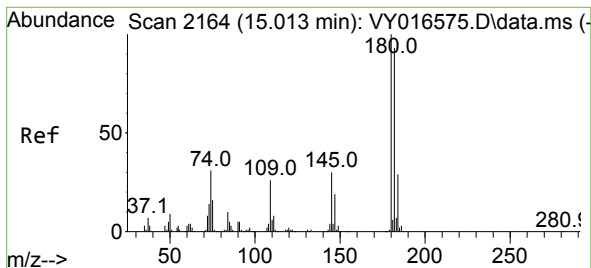
Ion Ratio Lower Upper

75 100

155 88.8 41.5 124.6

157 118.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 56.304 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

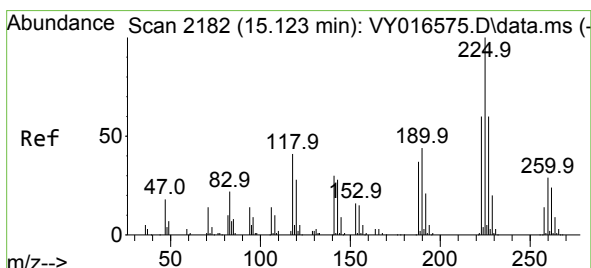
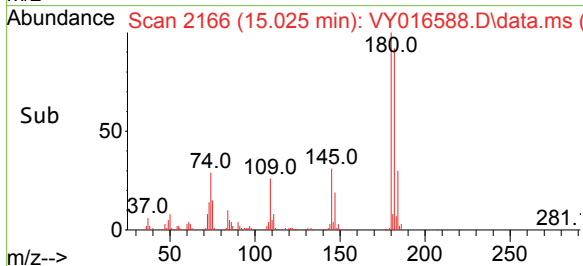
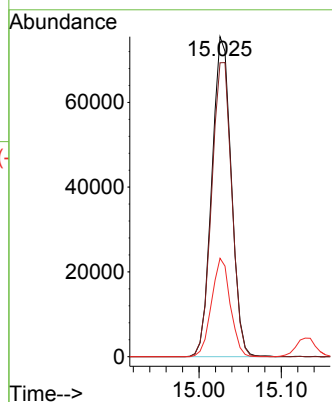
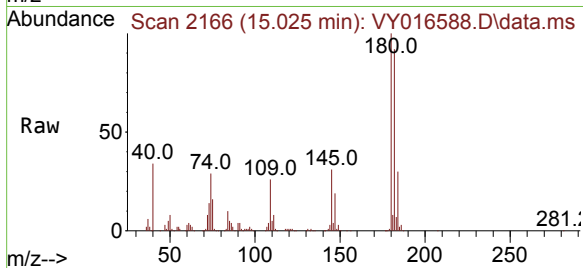
Tgt Ion:180 Resp: 124296

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 53.764 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

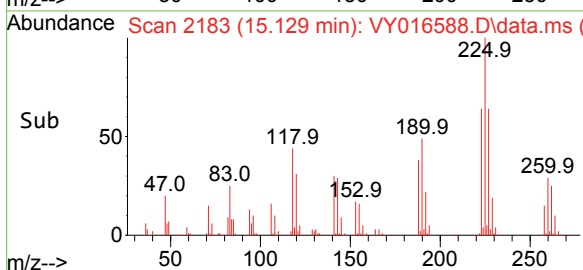
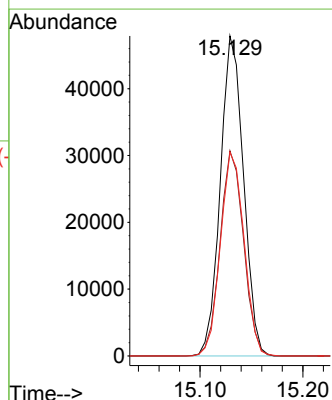
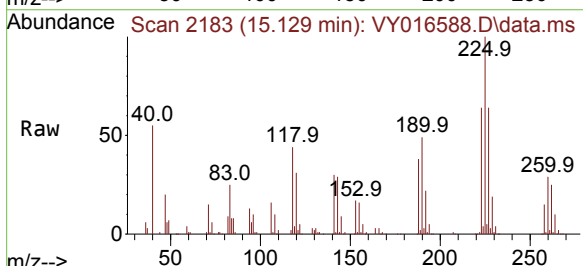
Tgt Ion:225 Resp: 74988

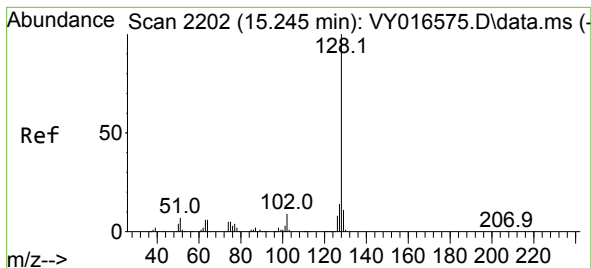
Ion Ratio Lower Upper

225 100

223 64.9 31.9 95.9

227 64.8 33.0 98.9





#95

Naphthalene

Concen: 57.849 ug/l

RT: 15.257 min Scan# 2115

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Instrument :

MSVOA_Y

ClientSampleId :

ICVVY120523

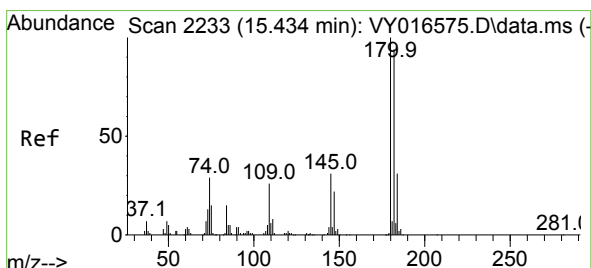
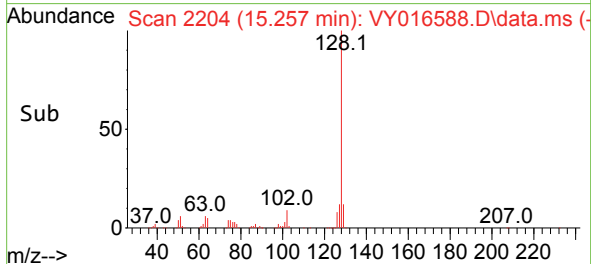
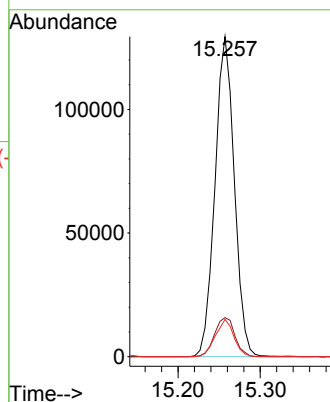
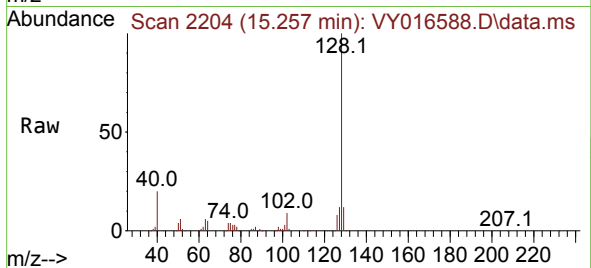
Tgt Ion:128 Resp: 211580

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.089 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016588.D

Acq: 05 Dec 2023 08:22

Tgt Ion:180 Resp: 102133

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 31.8 15.4 46.2

