

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101923\
 Data File : VY016036.D
 Acq On : 19 Oct 2023 14:25
 Operator : SY/MD
 Sample : VY1019SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 05:35:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	197593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	321739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	287651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98301	43.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.540%
35) Dibromofluoromethane	7.716	113	94938	44.830	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.660%
50) Toluene-d8	10.179	98	341242	44.368	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.740%
62) 4-Bromofluorobenzene	12.483	95	118221	43.078	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31073	19.027	ug/l	98
3) Chloromethane	2.113	50	41388	20.071	ug/l	98
4) Vinyl Chloride	2.247	62	46025	19.888	ug/l	99
5) Bromomethane	2.656	94	32702	19.372	ug/l	97
6) Chloroethane	2.796	64	28069	18.862	ug/l	94
7) Trichlorofluoromethane	3.119	101	75080	21.318	ug/l	96
8) Diethyl Ether	3.534	74	27009	21.707	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.893	101	42307	20.883	ug/l	94
10) Methyl Iodide	4.088	142	49143	18.577	ug/l	98
11) Tert butyl alcohol	4.930	59	25156	72.564	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	38851	20.495	ug/l	89
13) Acrolein	3.741	56	33238	133.207	ug/l	98
14) Allyl chloride	4.479	41	60172	20.300	ug/l	94
15) Acrylonitrile	5.173	53	86003	115.859	ug/l	97
16) Acetone	3.985	43	96170	115.522	ug/l #	88
17) Carbon Disulfide	4.192	76	111362	20.053	ug/l	99
18) Methyl Acetate	4.485	43	67188	23.449	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	126238	20.643	ug/l	99
20) Methylene Chloride	4.716	84	62476	25.262	ug/l	88
21) trans-1,2-Dichloroethene	5.216	96	44800	20.295	ug/l	94
22) Diisopropyl ether	6.125	45	133053	20.615	ug/l	97
23) Vinyl Acetate	6.064	43	407683	101.829	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	78107	20.399	ug/l	96
25) 2-Butanone	6.996	43	135248	118.610	ug/l	95
26) 2,2-Dichloropropane	6.978	77	66713	19.365	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	50557	19.887	ug/l	93
28) Bromochloromethane	7.338	49	35342	21.582	ug/l	91
29) Tetrahydrofuran	7.362	42	88488	128.204	ug/l	91
30) Chloroform	7.508	83	82641	20.130	ug/l	97
31) Cyclohexane	7.789	56	70968	20.190	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	73384	19.978	ug/l	99
36) 1,1-Dichloropropene	7.917	75	62895	19.740	ug/l	98
37) Ethyl Acetate	7.082	43	62136	27.055	ug/l	98
38) Carbon Tetrachloride	7.899	117	67460	19.921	ug/l	99
39) Methylcyclohexane	9.185	83	77667	19.506	ug/l	93
40) Benzene	8.161	78	179255	19.962	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	22754	19.099	ug/l #	90
42) 1,2-Dichloroethane	8.240	62	56464	19.520	ug/l	94
43) Isopropyl Acetate	8.277	43	88972	22.158	ug/l	97
44) Trichloroethene	8.941	130	52824	20.980	ug/l	97
45) 1,2-Dichloropropane	9.215	63	45771	20.367	ug/l	98
46) Dibromomethane	9.307	93	29991	20.102	ug/l	97
47) Bromodichloromethane	9.496	83	64373	19.686	ug/l	93
48) Methyl methacrylate	9.295	41	38900	21.283	ug/l	86
49) 1,4-Dioxane	9.374	88	12659	532.859	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	281642	121.973	ug/l	92
52) Toluene	10.246	92	116076	19.929	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	69270	19.555	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	76831	19.898	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	41838	20.412	ug/l	98
56) Ethyl methacrylate	10.514	69	62243	20.779	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	70859	20.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	153450	106.652	ug/l	94
59) 2-Hexanone	10.837	43	220545	125.540	ug/l	89
60) Dibromochloromethane	10.983	129	48984	19.761	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42493	20.371	ug/l	100
64) Tetrachloroethene	10.721	164	51591	23.130	ug/l	96
65) Chlorobenzene	11.514	112	125420	20.133	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	47140	20.076	ug/l	99
67) Ethyl Benzene	11.593	91	221747	20.116	ug/l	97
68) m/p-Xylenes	11.703	106	172189	40.057	ug/l	95
69) o-Xylene	12.032	106	82224	20.107	ug/l	96
70) Styrene	12.044	104	137455	19.722	ug/l	96
71) Bromoform	12.209	173	33910	20.524	ug/l #	100
73) Isopropylbenzene	12.331	105	214478	20.216	ug/l	100
74) N-amyl acetate	12.142	43	74980	22.375	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	57939	21.804	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	75469	37.581	ug/l #	100
77) Bromobenzene	12.611	156	52747	20.483	ug/l	97
78) n-propylbenzene	12.672	91	264267	20.680	ug/l	100
79) 2-Chlorotoluene	12.758	91	147295	20.535	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	178882	20.356	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	19590	21.294	ug/l	95
82) 4-Chlorotoluene	12.855	91	154094	20.584	ug/l	100
83) tert-Butylbenzene	13.075	119	154487	20.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	177209	20.307	ug/l	99
85) sec-Butylbenzene	13.251	105	234625	20.387	ug/l	100
86) p-Isopropyltoluene	13.367	119	193962	20.168	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	101685	20.295	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	104751	20.765	ug/l	99
89) n-Butylbenzene	13.696	91	180706	20.183	ug/l	96
90) Hexachloroethane	13.959	117	36952	20.155	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	93208	20.262	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11239	22.219	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	56575	19.305	ug/l	99
94) Hexachlorobutadiene	15.111	225	29805	18.725	ug/l	100
95) Naphthalene	15.233	128	145236	20.192	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	50975	19.043	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

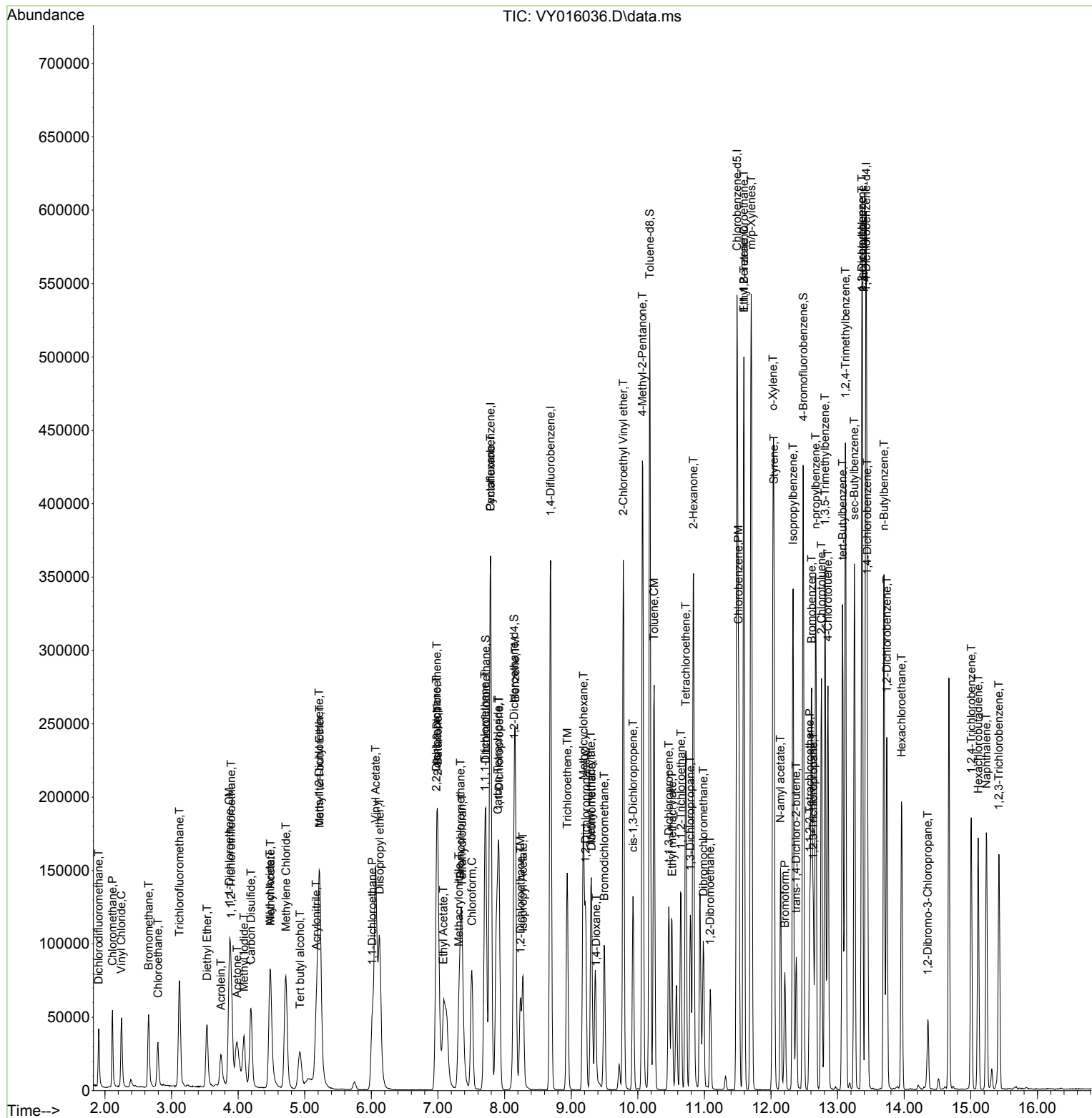
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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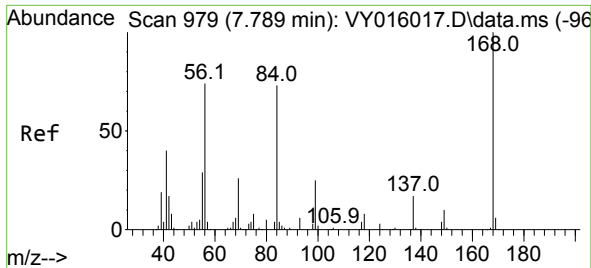
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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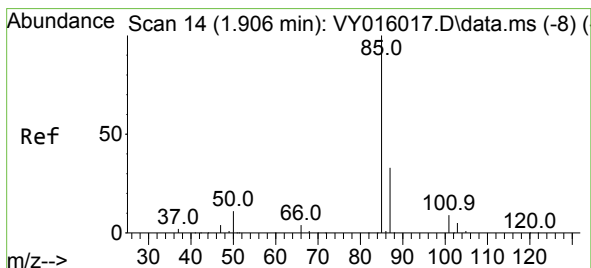
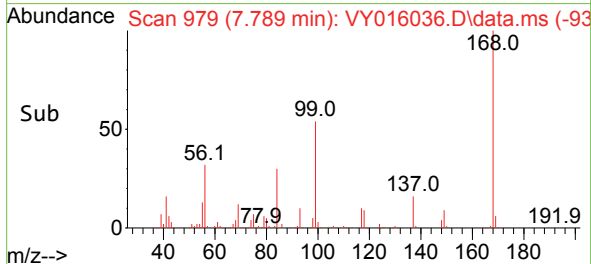
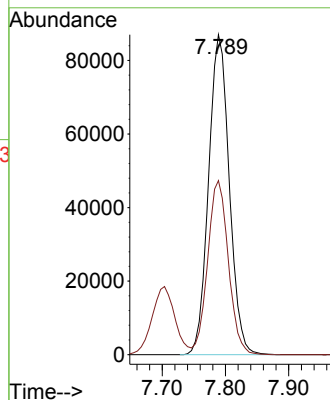
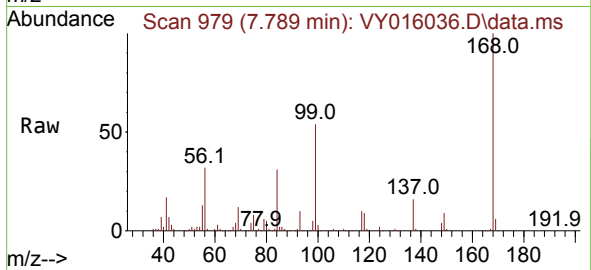




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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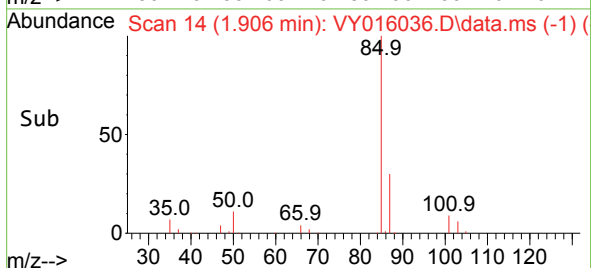
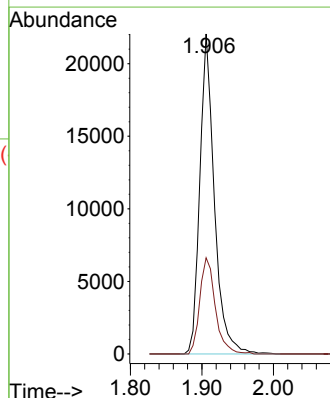
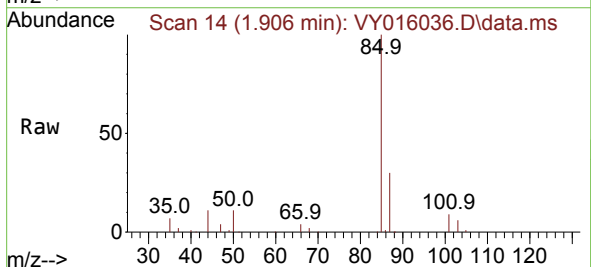
Instrument :
MSVOA_Y
ClientSampleId :

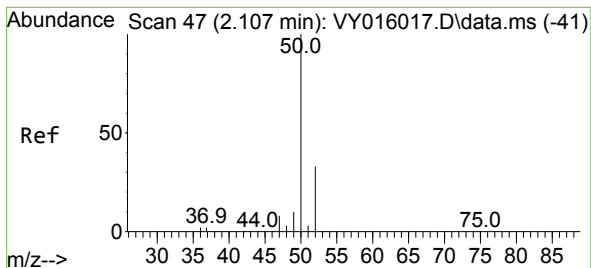
Tgt Ion:168 Resp: 197593
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.027 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 85 Resp: 31073
Ion Ratio Lower Upper
85 100
87 30.1 15.6 46.8





#3

Chloromethane

Concen: 20.071 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

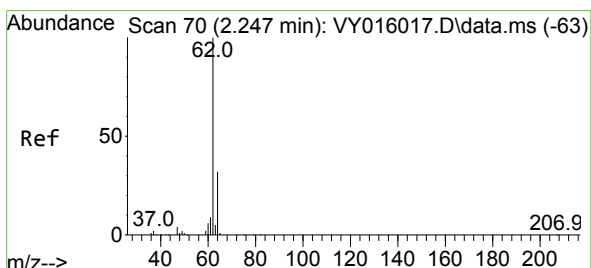
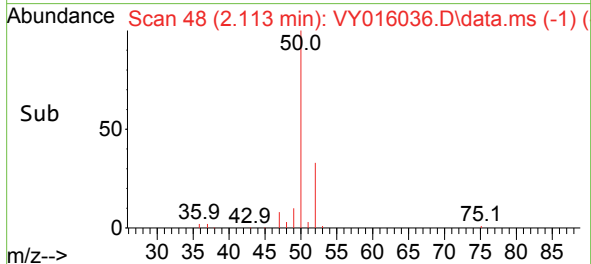
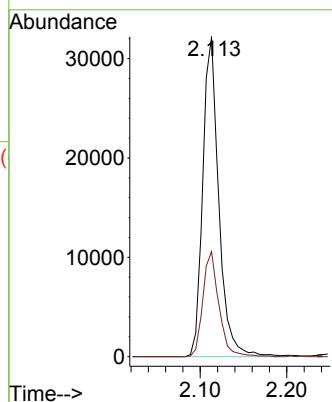
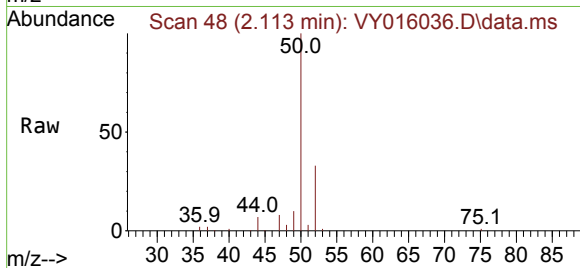
ClientSampleId :

Tgt Ion: 50 Resp: 41388

Ion Ratio Lower Upper

50 100

52 32.9 25.4 38.2



#4

Vinyl Chloride

Concen: 19.888 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY016036.D

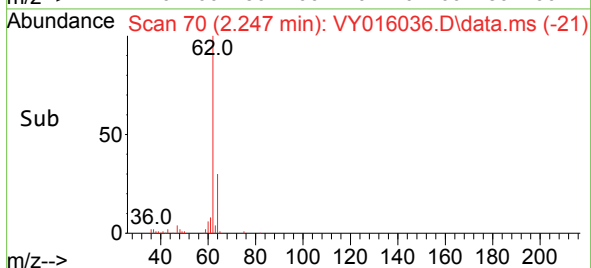
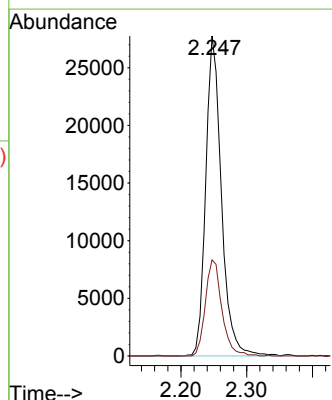
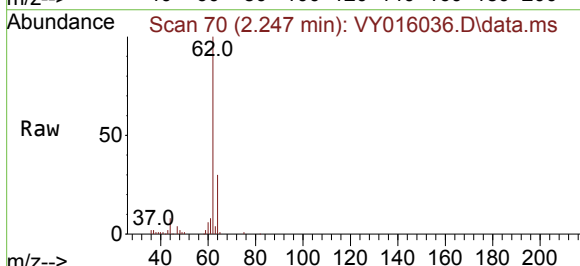
Acq: 19 Oct 2023 14:25

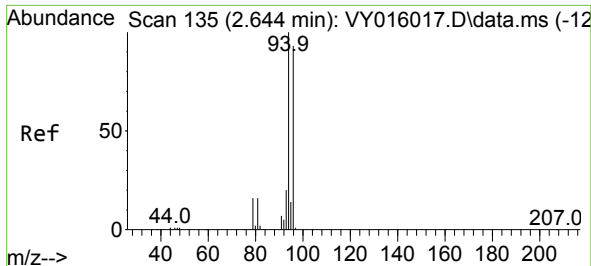
Tgt Ion: 62 Resp: 46025

Ion Ratio Lower Upper

62 100

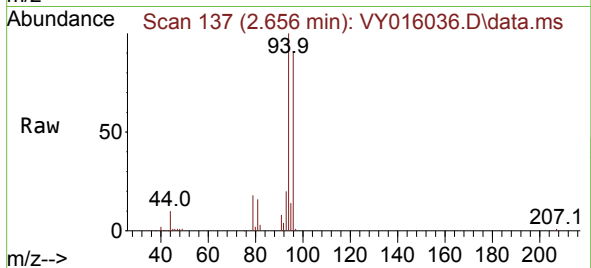
64 30.1 24.3 36.5



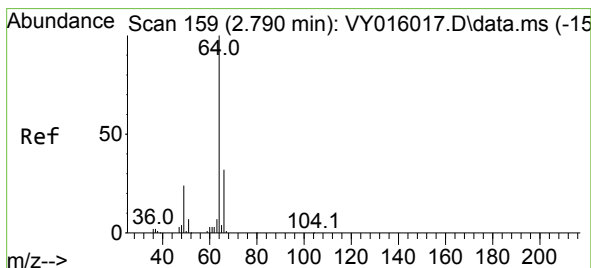
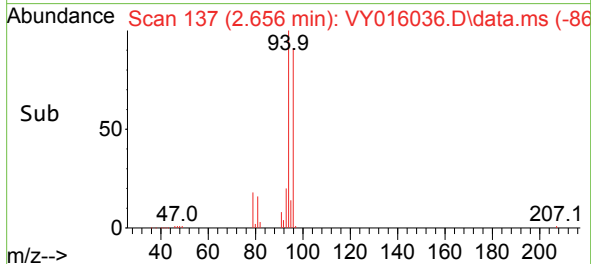
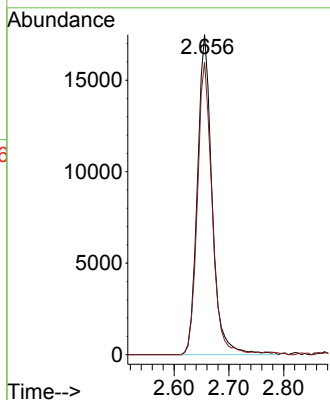


#5
Bromomethane
Concen: 19.372 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

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ClientSampleId :

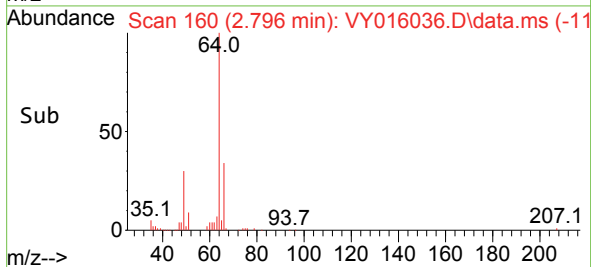
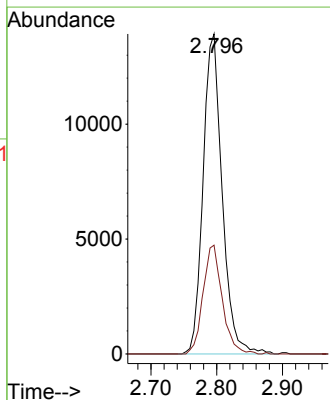
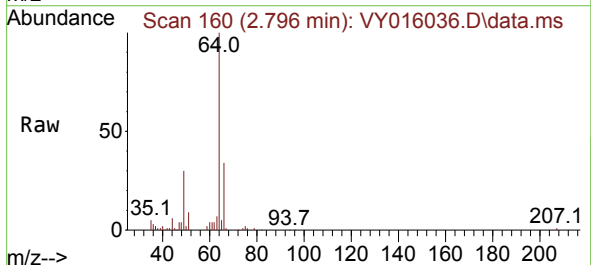


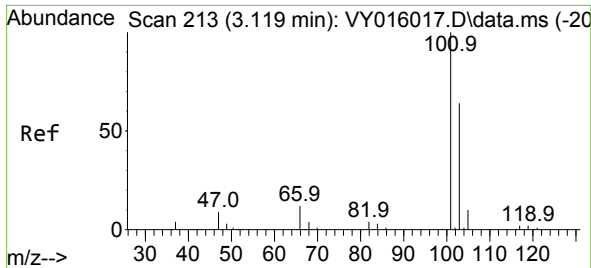
Tgt Ion: 94 Resp: 32702
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.6



#6
Chloroethane
Concen: 18.862 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

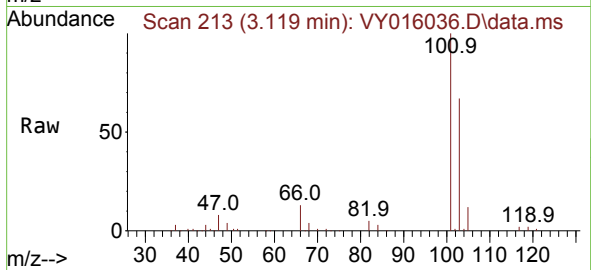
Tgt Ion: 64 Resp: 28069
Ion Ratio Lower Upper
64 100
66 34.0 24.4 36.6



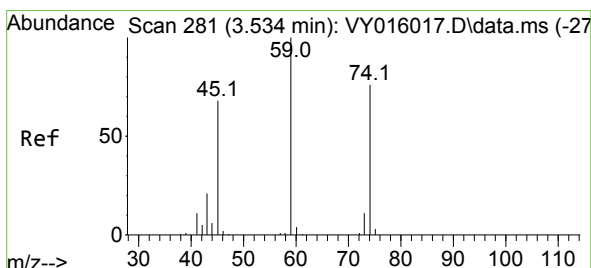
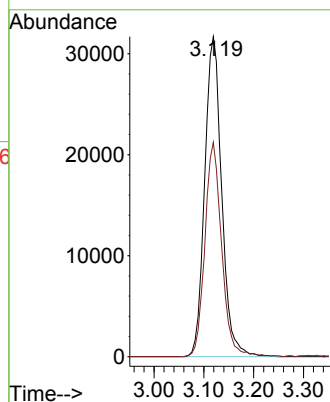
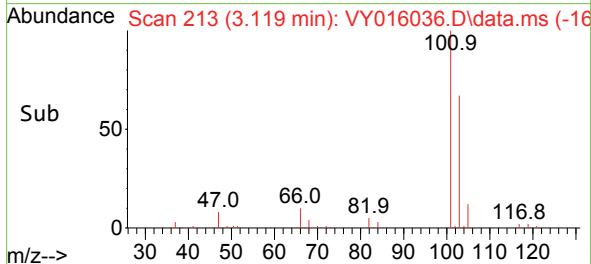


#7
 Trichlorofluoromethane
 Concen: 21.318 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

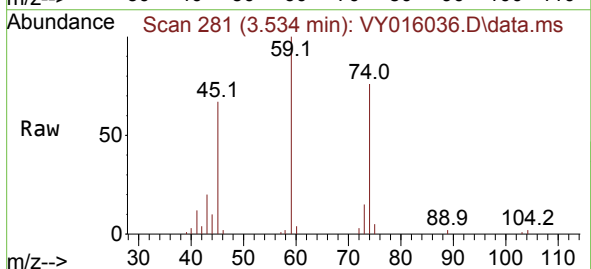
Instrument :
 MSVOA_Y
 ClientSampleId :



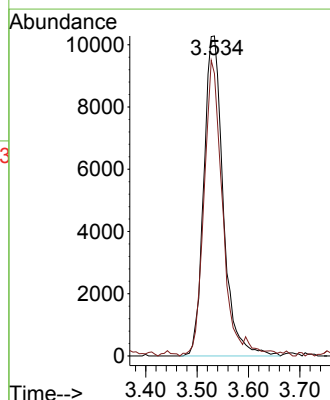
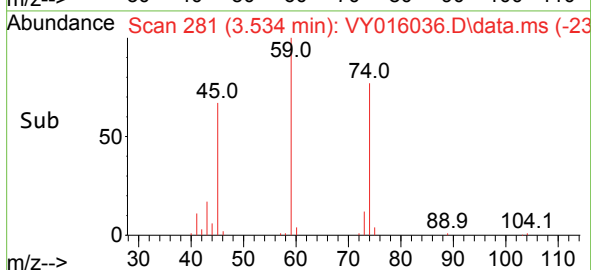
Tgt Ion:101 Resp: 75080
 Ion Ratio Lower Upper
 101 100
 103 67.0 51.4 77.0

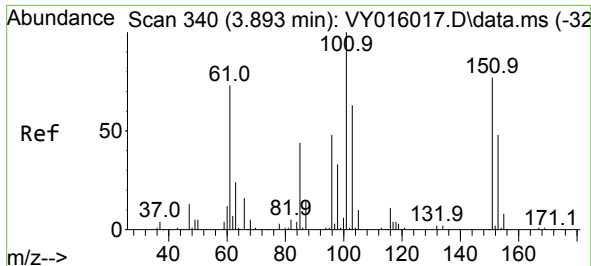


#8
 Diethyl Ether
 Concen: 21.707 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.000 min
 Lab File: VY016036.D
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Tgt Ion: 74 Resp: 27009
 Ion Ratio Lower Upper
 74 100
 45 85.5 51.5 154.5

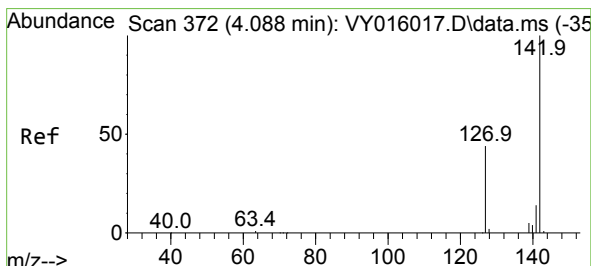
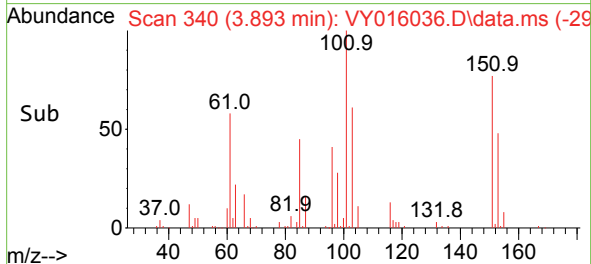
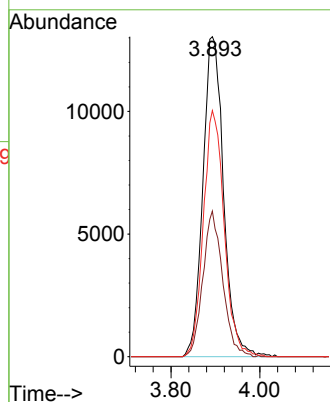
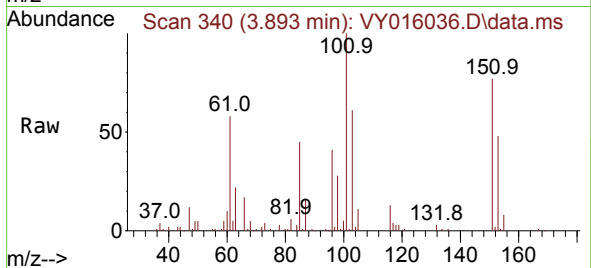




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.883 ug/l
RT: 3.893 min Scan# 340
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

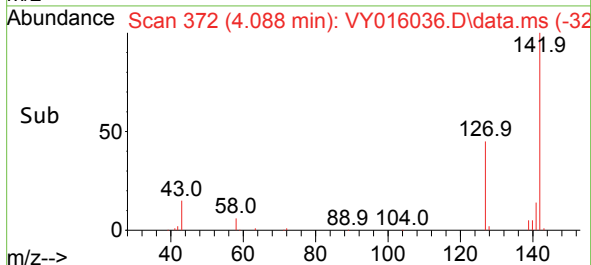
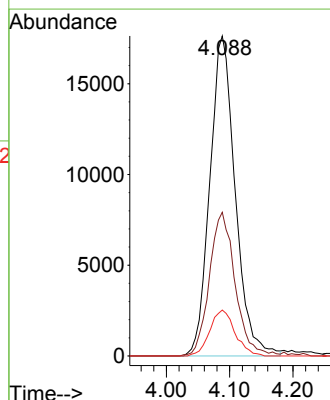
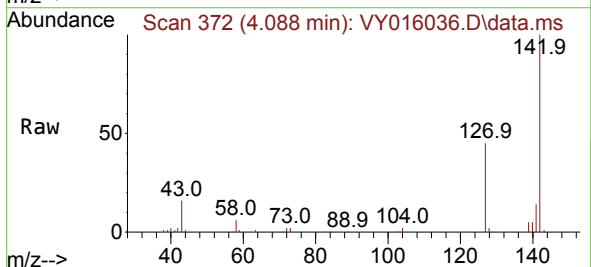
Instrument :
MSVOA_Y
ClientSampleId :

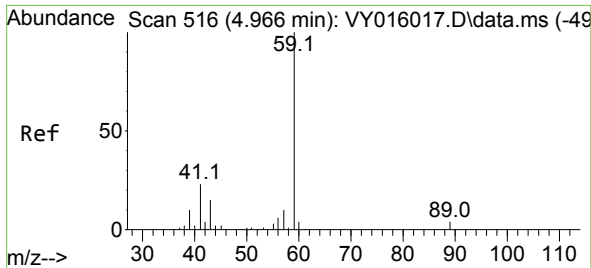
Tgt Ion:101 Resp: 42307
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 77.4 67.0 100.6



#10
Methyl Iodide
Concen: 18.577 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:142 Resp: 49143
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 72.564 ug/l

RT: 4.930 min Scan# 516

Delta R.T. -0.037 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

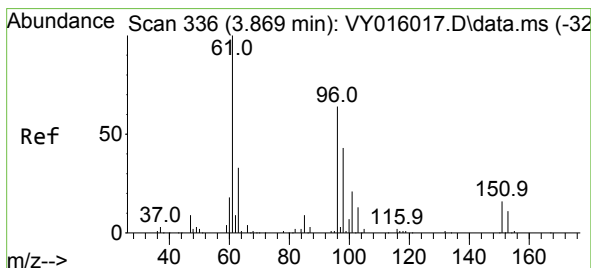
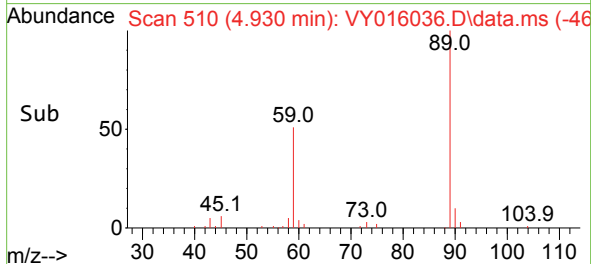
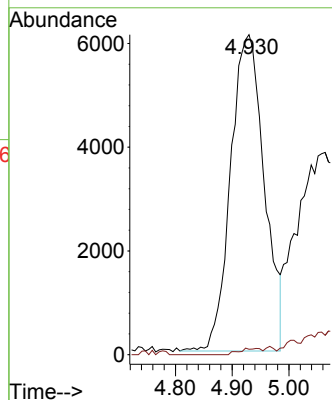
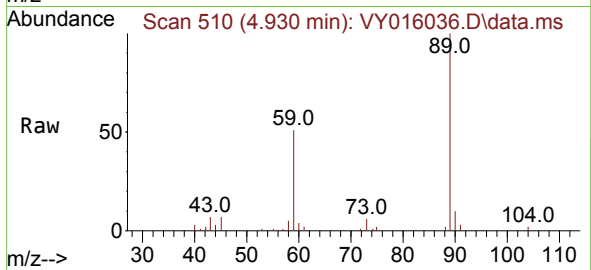
ClientSampleId :

Tgt Ion: 59 Resp: 25156

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.495 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

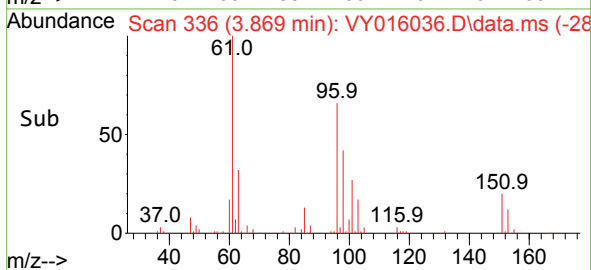
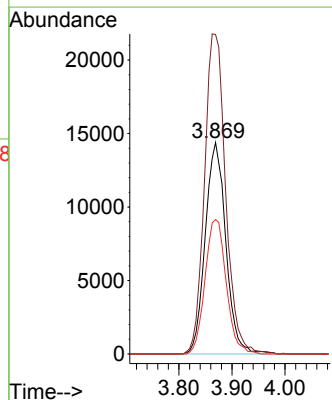
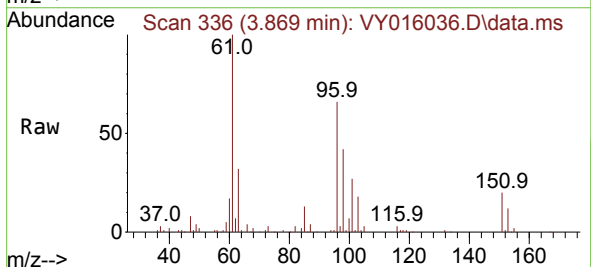
Tgt Ion: 96 Resp: 38851

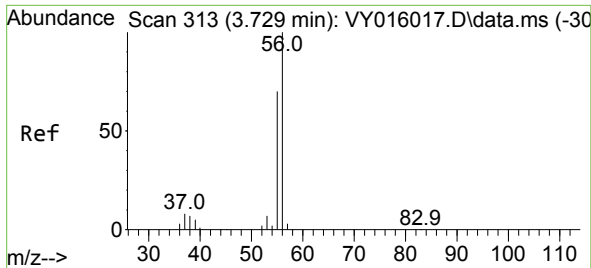
Ion Ratio Lower Upper

96 100

61 151.1 136.4 204.6

98 63.5 49.4 74.2





#13

Acrolein

Concen: 133.207 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

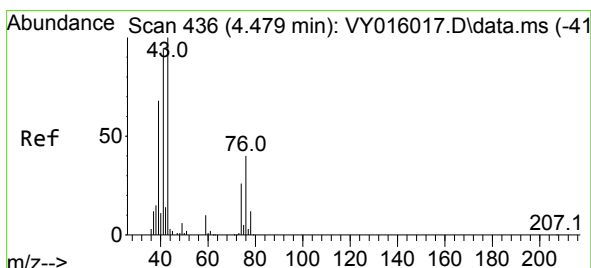
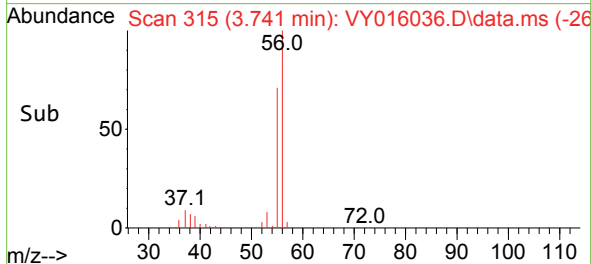
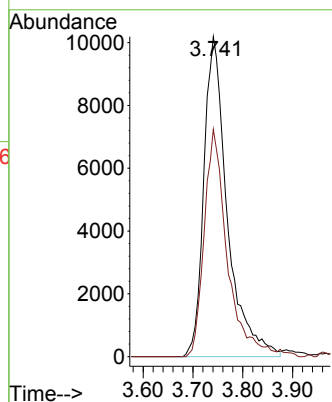
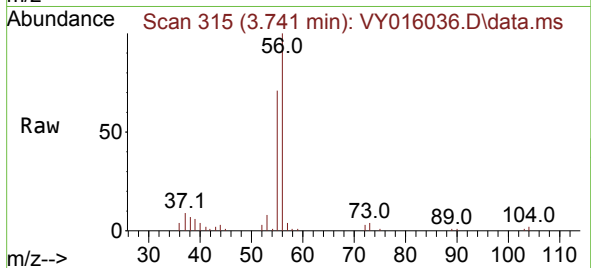
ClientSampleId :

Tgt Ion: 56 Resp: 33238

Ion Ratio Lower Upper

56 100

55 69.3 57.0 85.4



#14

Allyl chloride

Concen: 20.300 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

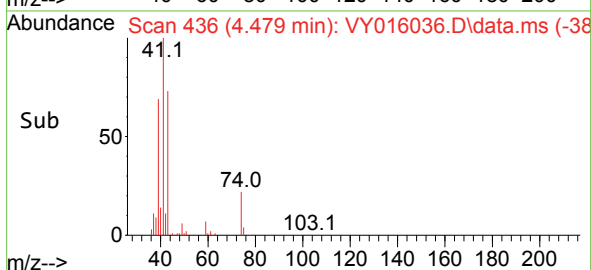
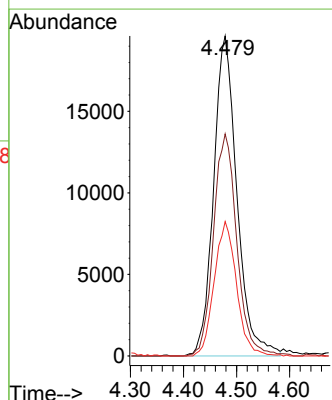
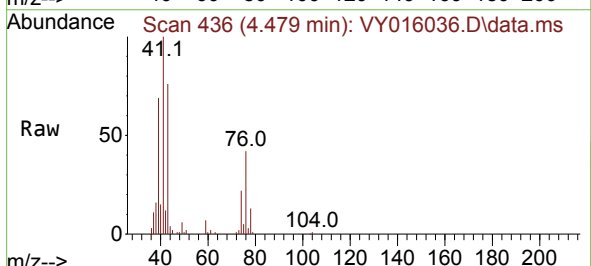
Tgt Ion: 41 Resp: 60172

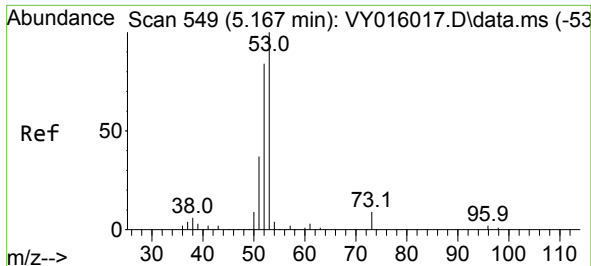
Ion Ratio Lower Upper

41 100

39 69.4 58.0 87.0

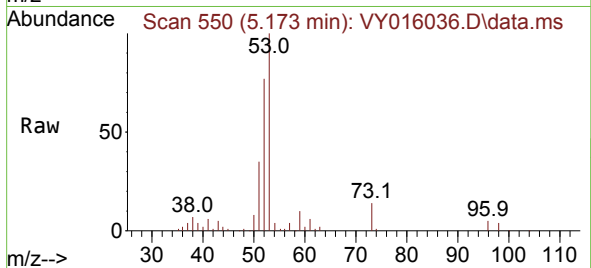
76 40.1 27.4 41.2



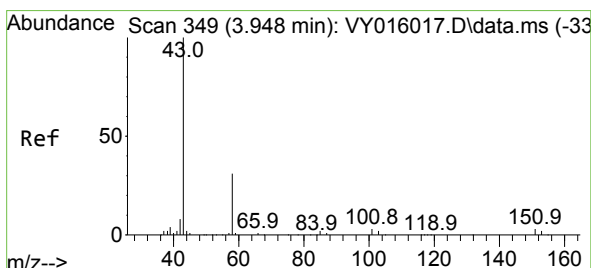
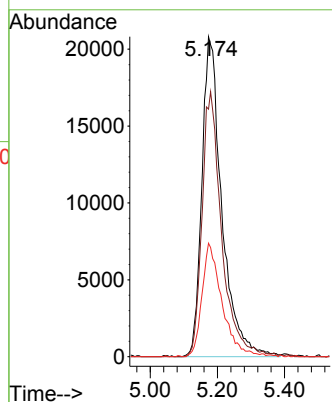
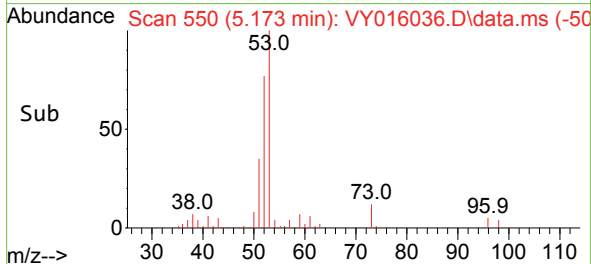


#15
Acrylonitrile
Concen: 115.859 ug/l
RT: 5.173 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

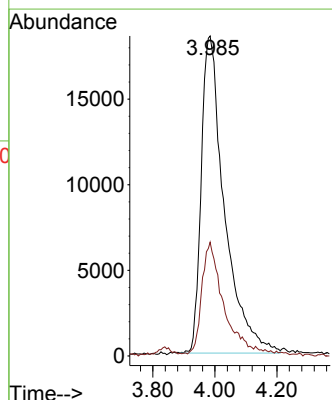
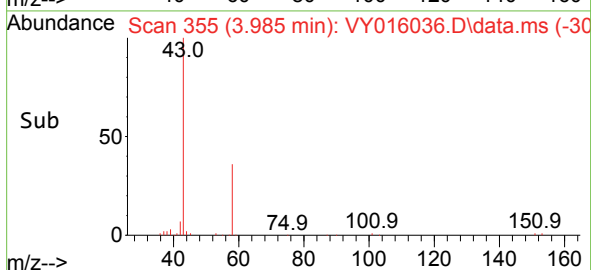
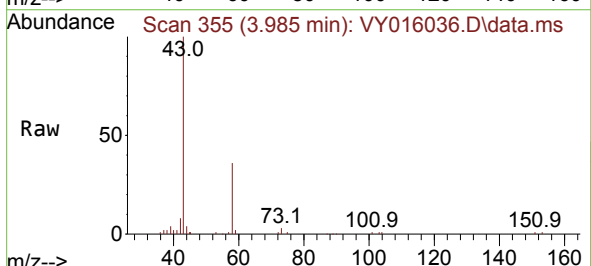


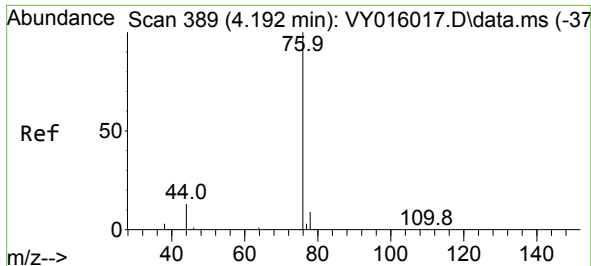
Tgt Ion: 53 Resp: 86003
Ion Ratio Lower Upper
53 100
52 81.4 66.9 100.3
51 35.4 29.8 44.6



#16
Acetone
Concen: 115.522 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.037 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 43 Resp: 96170
Ion Ratio Lower Upper
43 100
58 35.0 22.7 34.1#

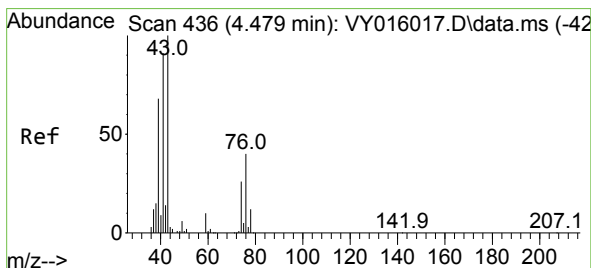
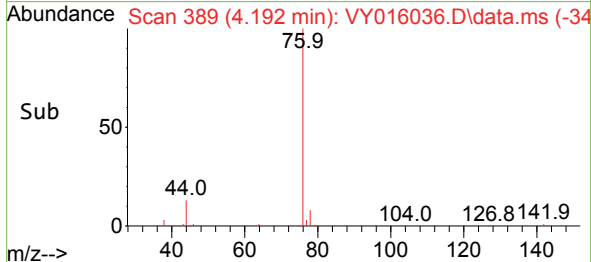
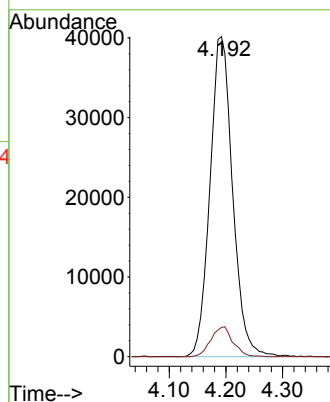
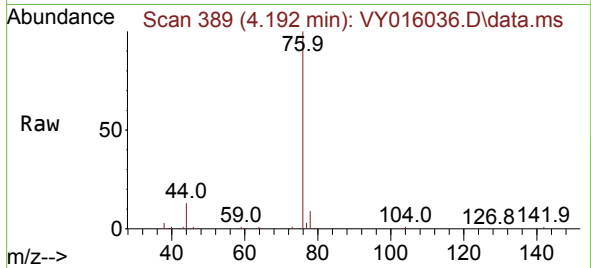




#17
Carbon Disulfide
Concen: 20.053 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

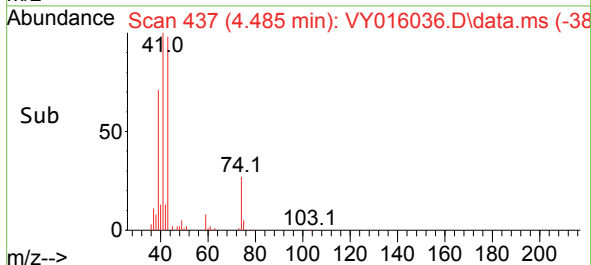
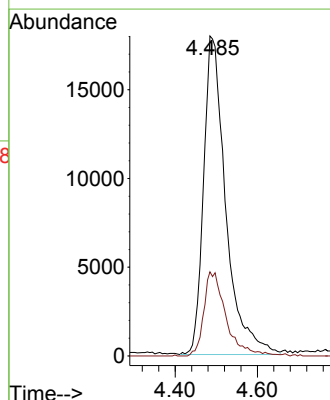
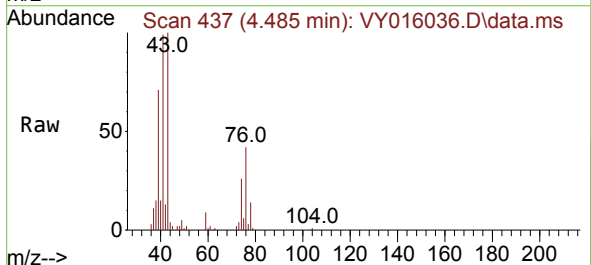
Instrument :
MSVOA_Y
ClientSampleId :

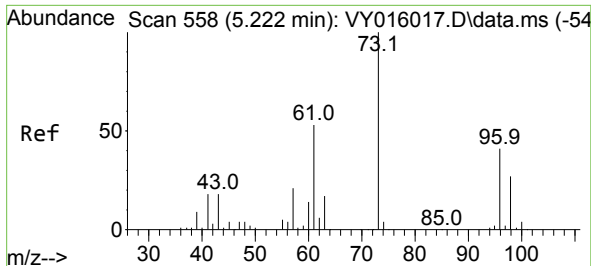
Tgt Ion: 76 Resp: 111362
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 23.449 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 43 Resp: 67188
Ion Ratio Lower Upper
43 100
74 26.5 17.4 26.0#

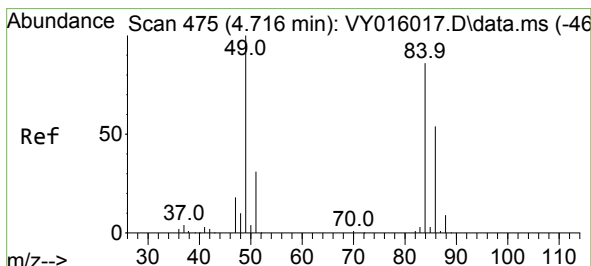
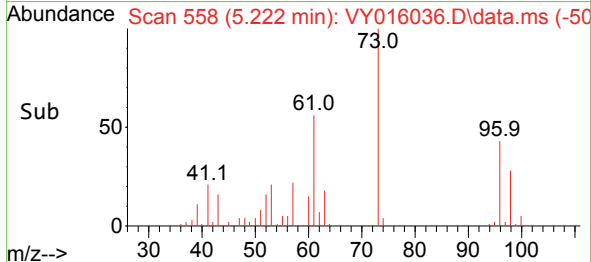
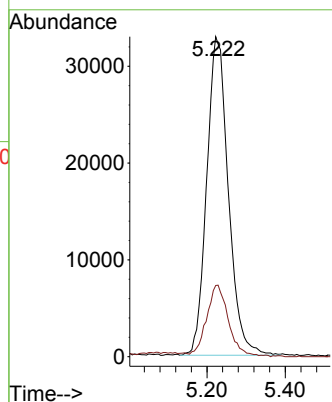
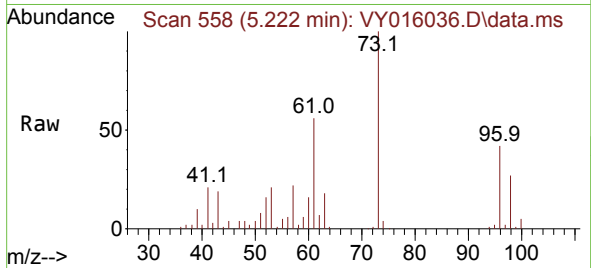




#19
Methyl tert-butyl Ether
Concen: 20.643 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

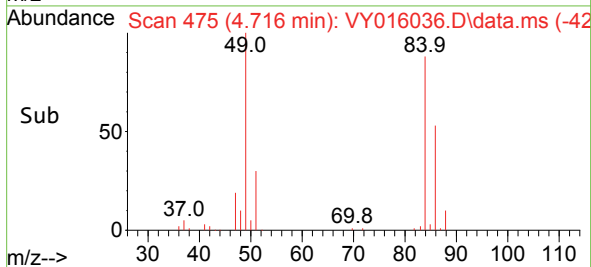
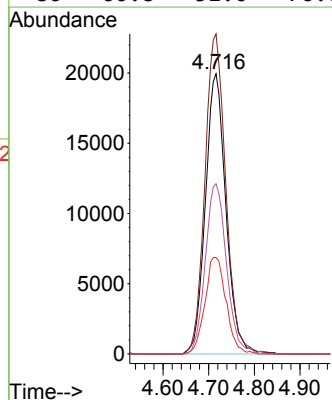
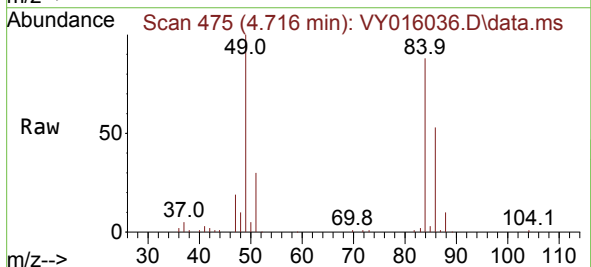
Instrument :
MSVOA_Y
ClientSampleId :

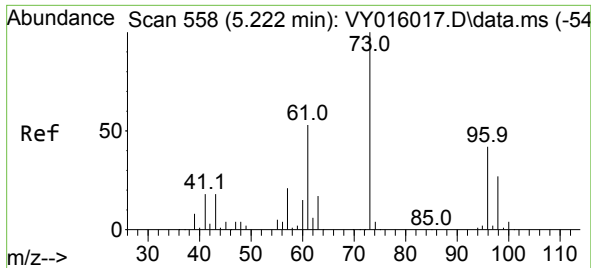
Tgt Ion: 73 Resp: 126238
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 25.262 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 84 Resp: 62476
Ion Ratio Lower Upper
84 100
49 114.2 106.9 160.3
51 34.4 33.2 49.8
86 60.8 51.0 76.6

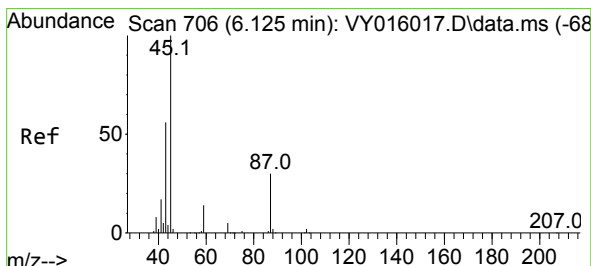
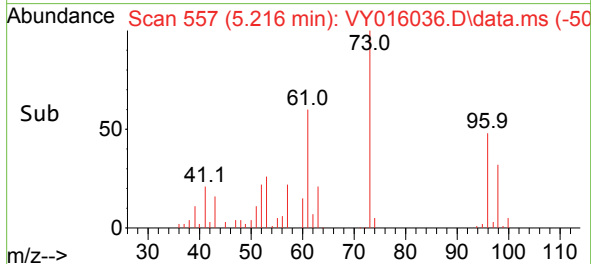
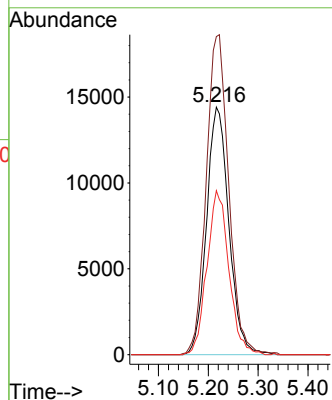
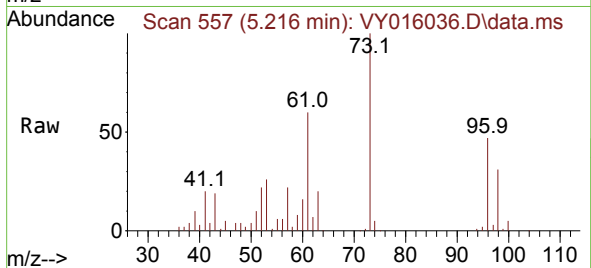




#21
trans-1,2-Dichloroethene
Concen: 20.295 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

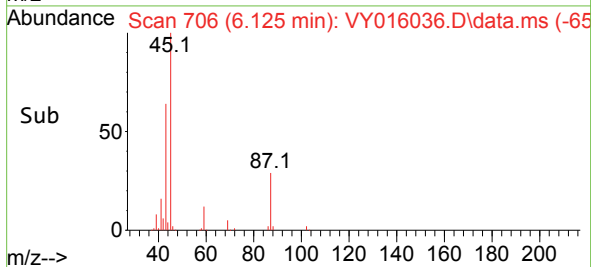
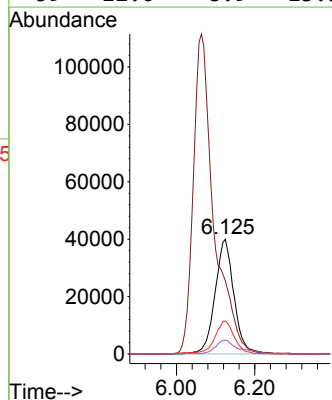
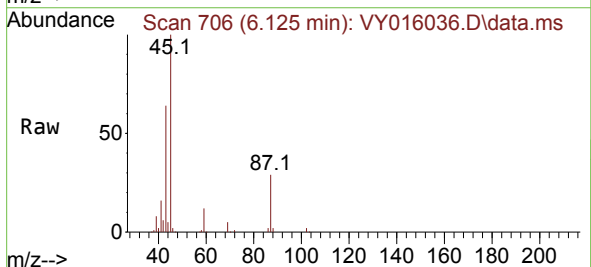
Instrument :
MSVOA_Y
ClientSampleId :

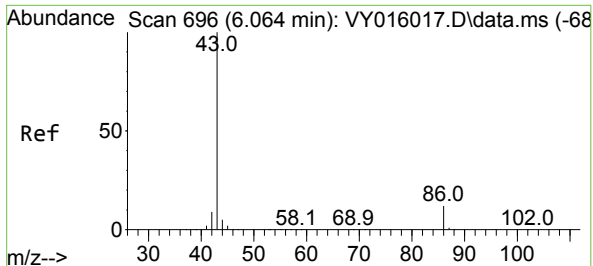
Tgt Ion: 96 Resp: 44800
Ion Ratio Lower Upper
96 100
61 128.5 110.2 165.4
98 66.2 51.8 77.6



#22
Diisopropyl ether
Concen: 20.615 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 45 Resp: 133053
Ion Ratio Lower Upper
45 100
43 63.1 52.2 78.4
87 28.6 21.0 31.6
59 12.0 8.9 13.3

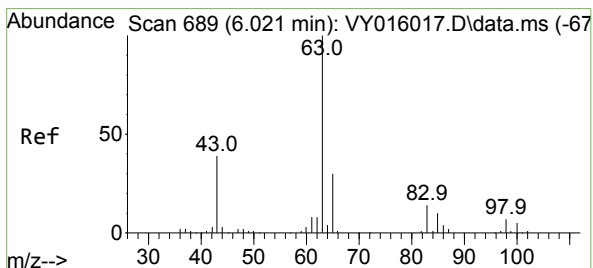
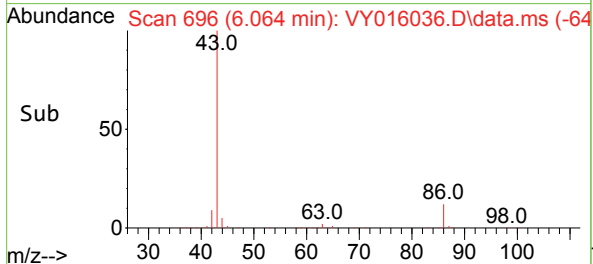
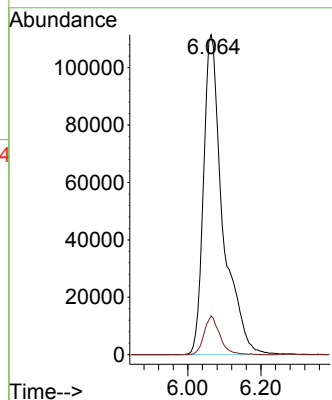
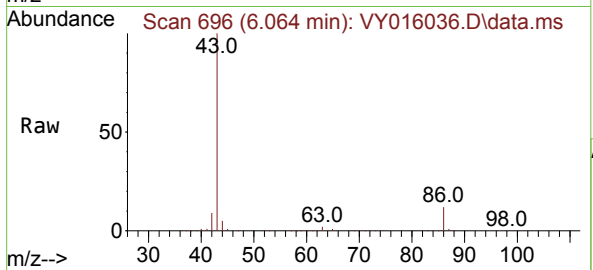




#23
 Vinyl Acetate
 Concen: 101.829 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

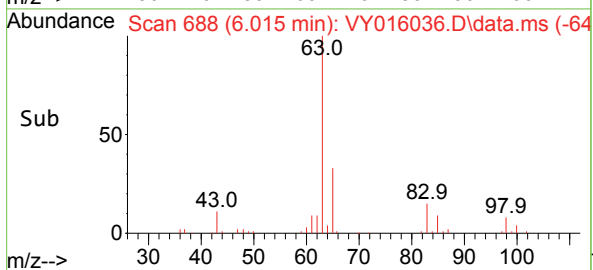
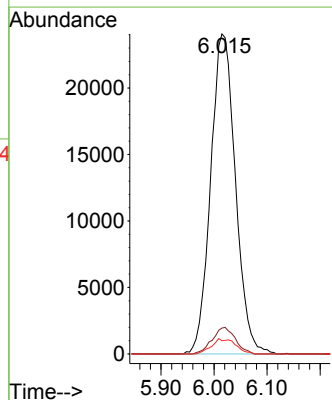
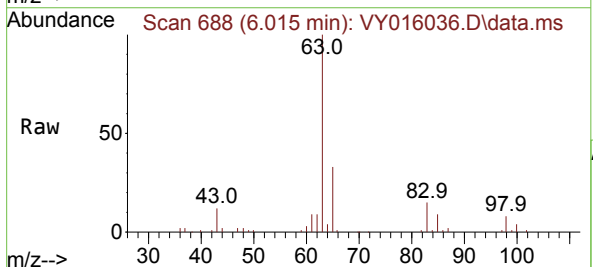
Instrument :
 MSVOA_Y
 ClientSampleId :

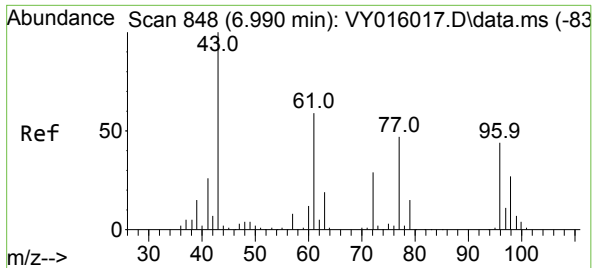
Tgt Ion: 43 Resp: 407683
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.399 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

Tgt Ion: 63 Resp: 78107
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.1 1.8 5.5

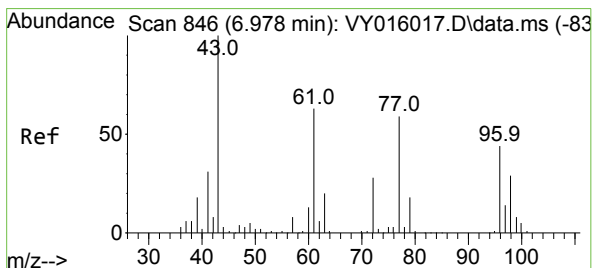
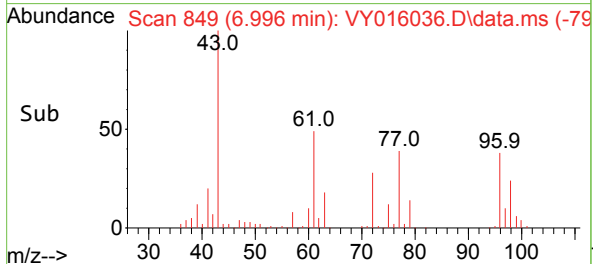
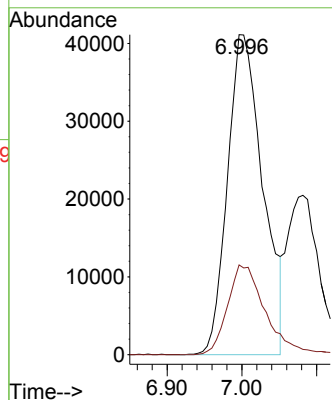
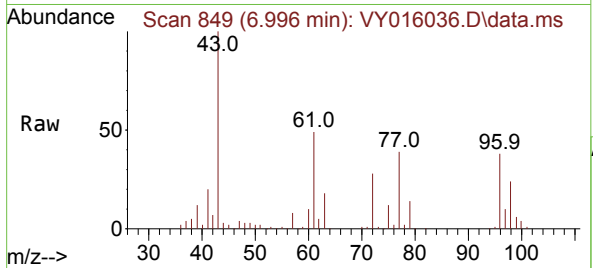




#25
2-Butanone
Concen: 118.610 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

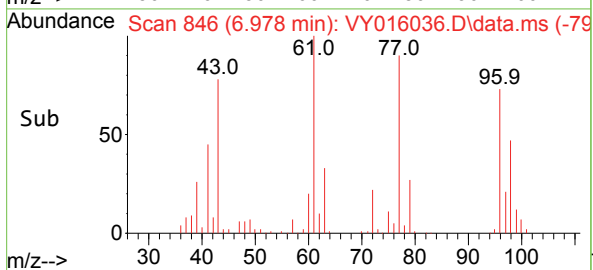
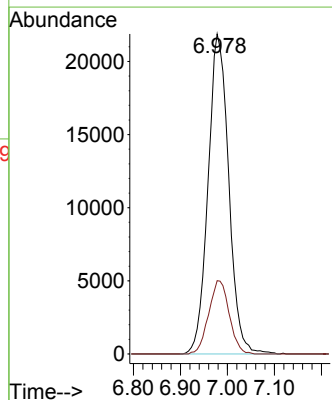
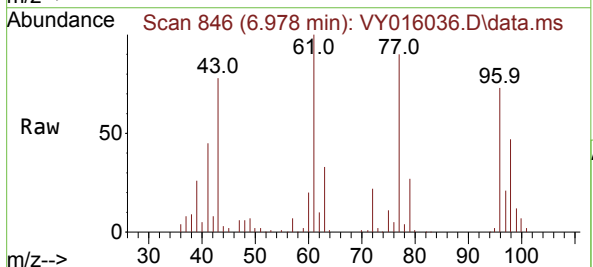
Instrument :
MSVOA_Y
ClientSampleId :

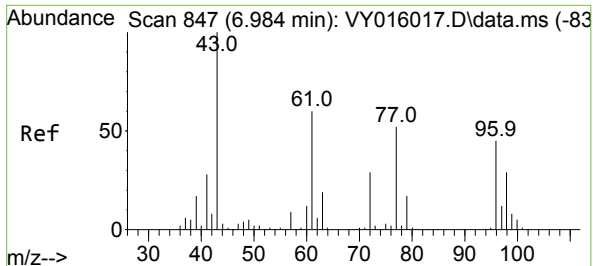
Tgt Ion: 43 Resp: 135248
Ion Ratio Lower Upper
43 100
72 28.0 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.365 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 77 Resp: 66713
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.887 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

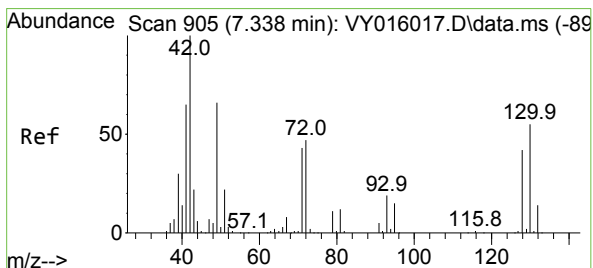
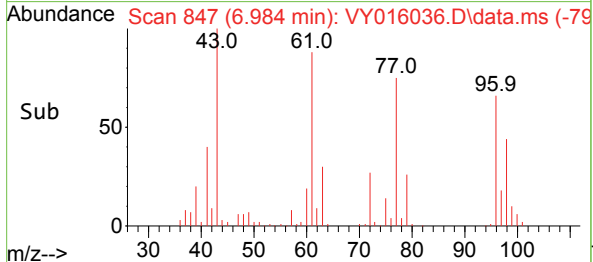
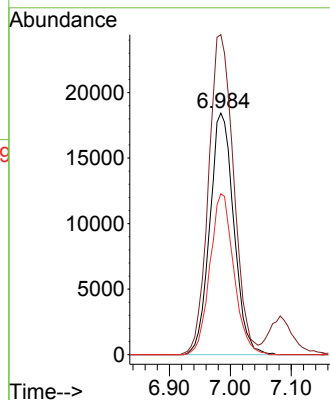
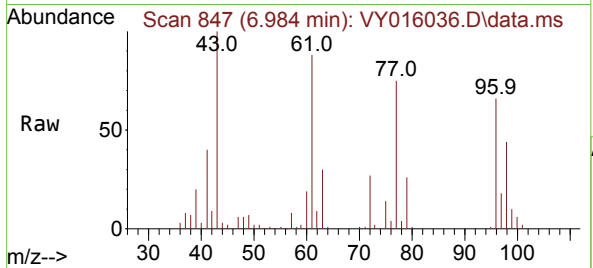
Tgt Ion: 96 Resp: 50557

Ion Ratio Lower Upper

96 100

61 138.4 0.0 301.4

98 66.1 0.0 130.4



#28

Bromochloromethane

Concen: 21.582 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

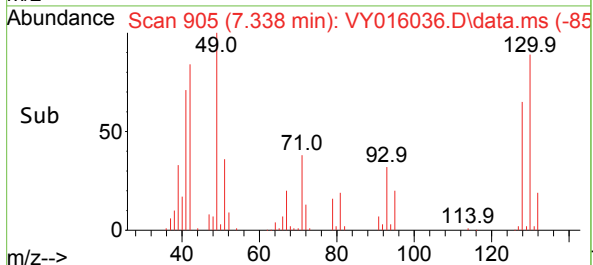
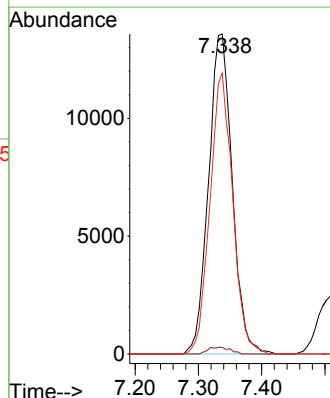
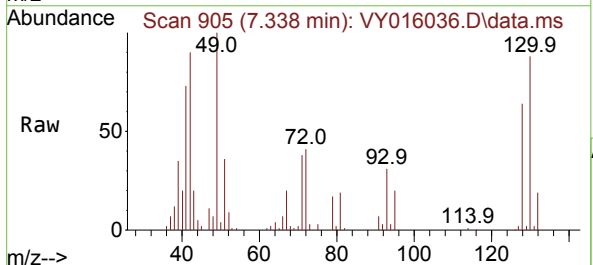
Tgt Ion: 49 Resp: 35342

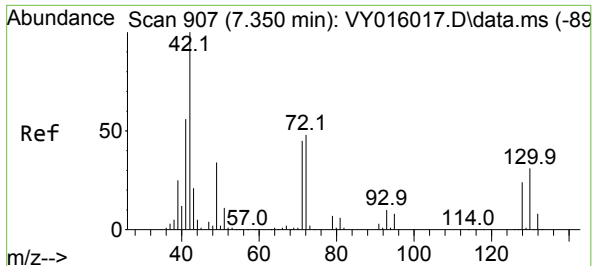
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 84.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 128.204 ug/l

RT: 7.362 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

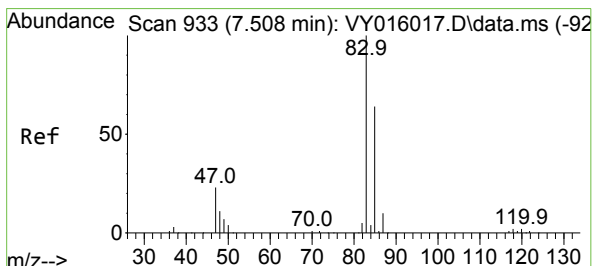
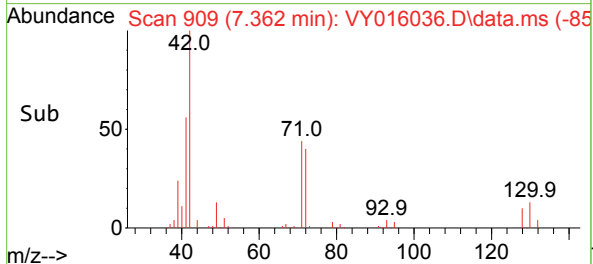
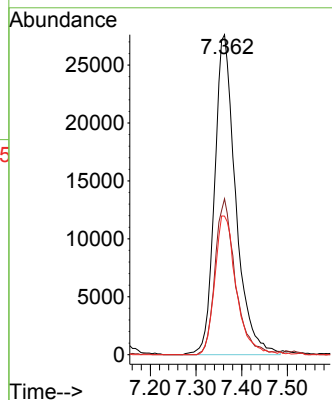
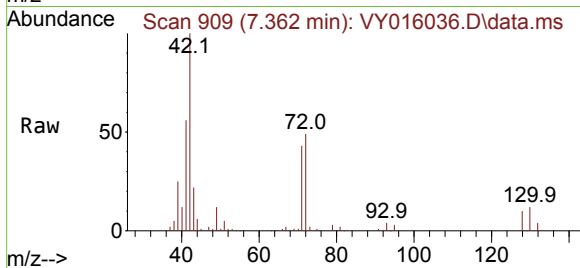
Tgt Ion: 42 Resp: 88488

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 44.1 31.0 46.4



#30

Chloroform

Concen: 20.130 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016036.D

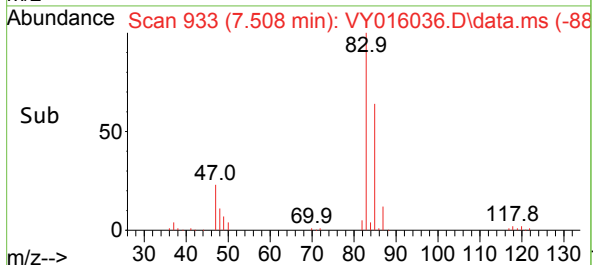
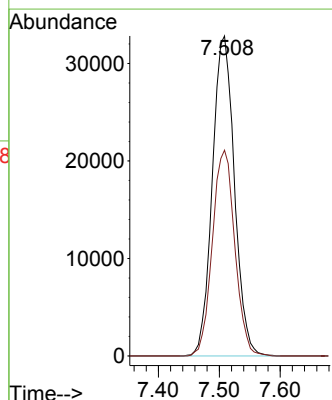
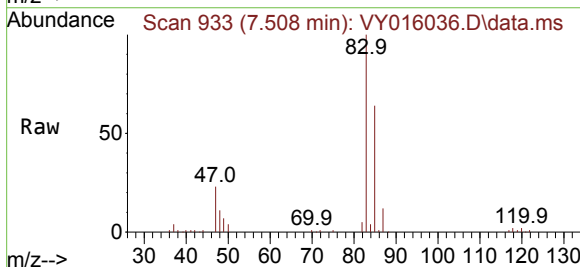
Acq: 19 Oct 2023 14:25

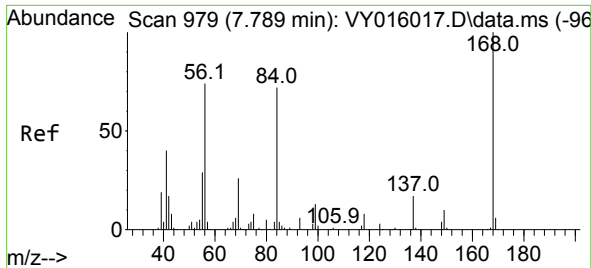
Tgt Ion: 83 Resp: 82641

Ion Ratio Lower Upper

83 100

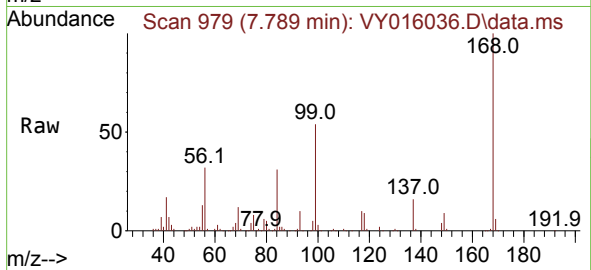
85 64.3 49.7 74.5



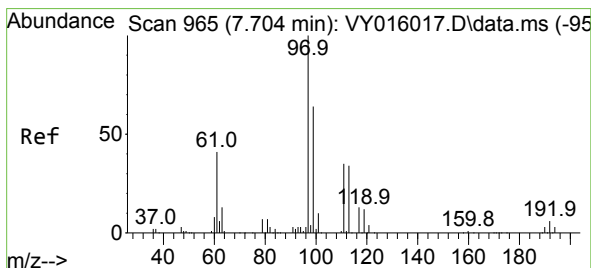
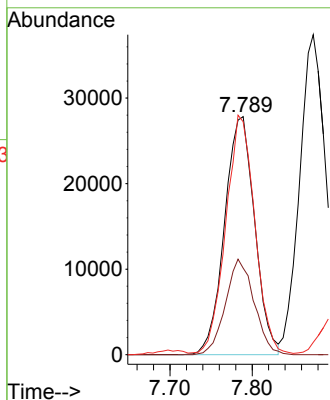
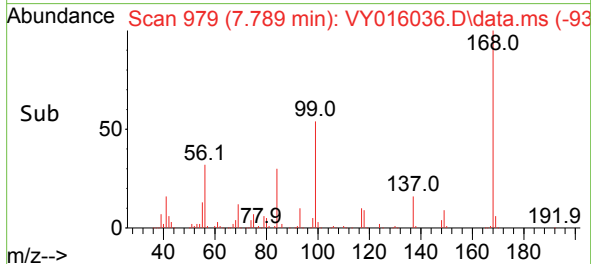


#31
Cyclohexane
Concen: 20.190 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

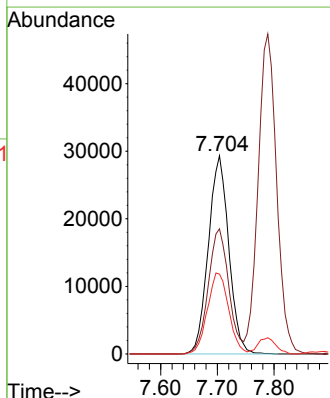
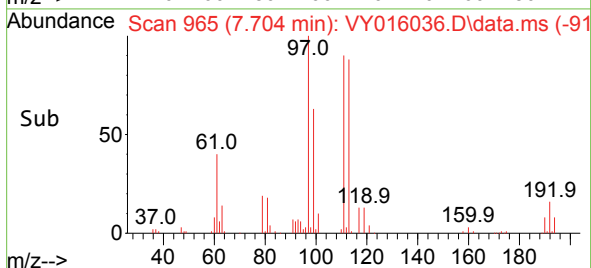
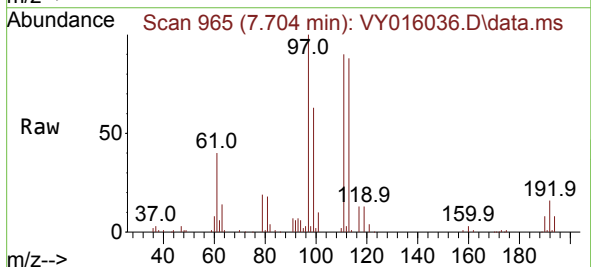


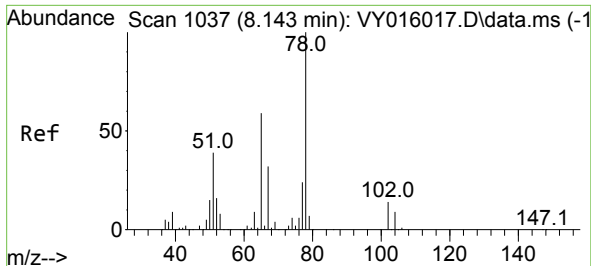
Tgt Ion: 56 Resp: 70968
Ion Ratio Lower Upper
56 100
69 36.4 27.8 41.6
84 96.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.978 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 97 Resp: 73384
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 43.771 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

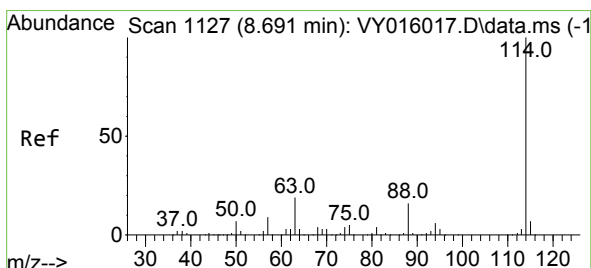
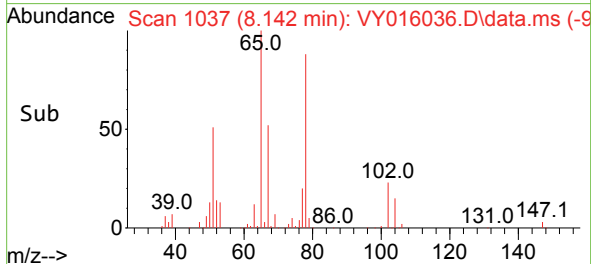
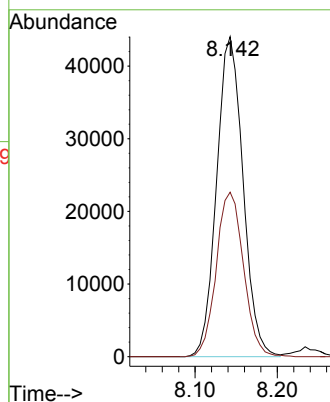
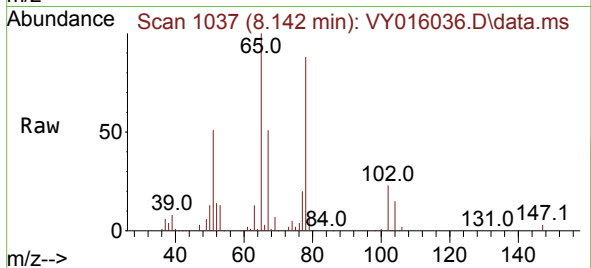
ClientSampleId :

Tgt Ion: 65 Resp: 98301

Ion Ratio Lower Upper

65 100

67 53.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

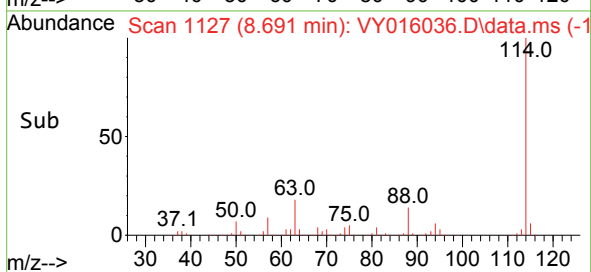
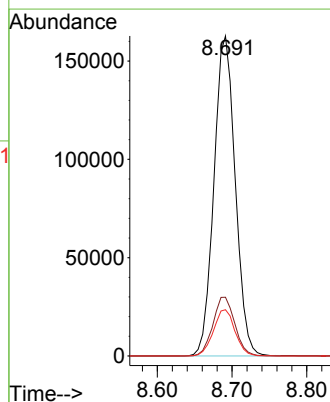
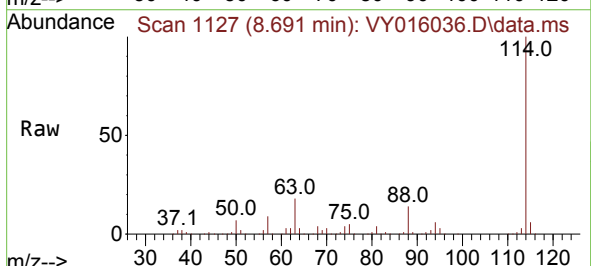
Tgt Ion:114 Resp: 321739

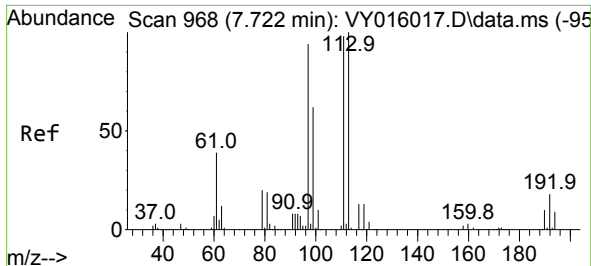
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.4 0.0 30.6

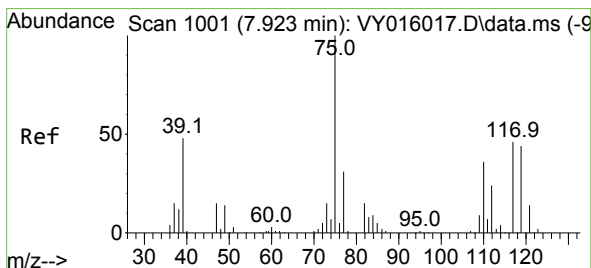
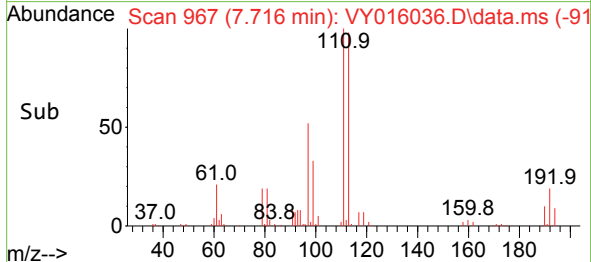
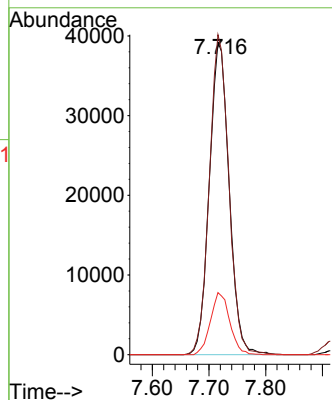
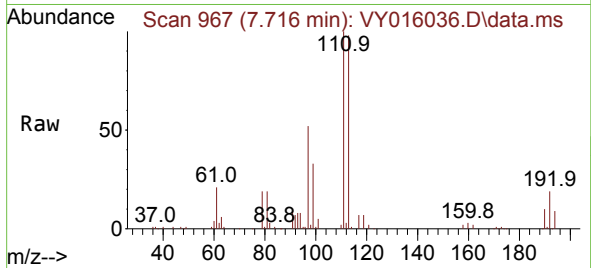




#35
Dibromofluoromethane
Concen: 44.830 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

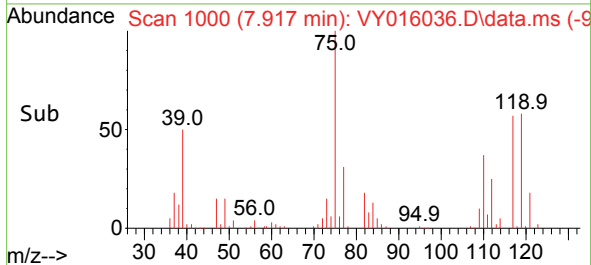
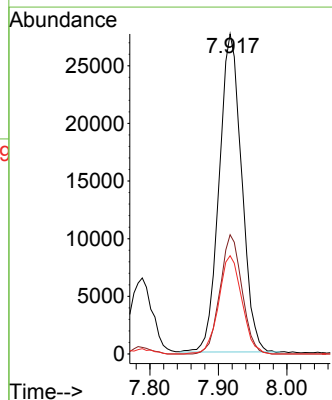
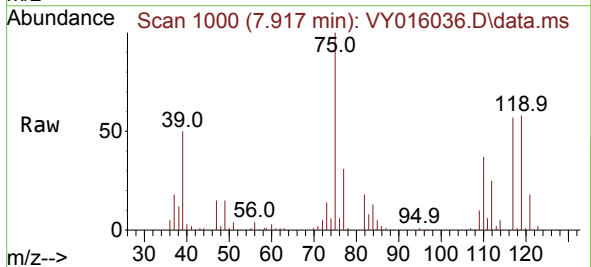
Instrument :
MSVOA_Y
ClientSampleId :

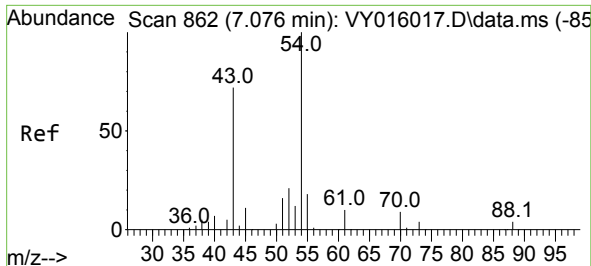
Tgt Ion:113 Resp: 94938
Ion Ratio Lower Upper
113 100
111 101.1 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.740 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

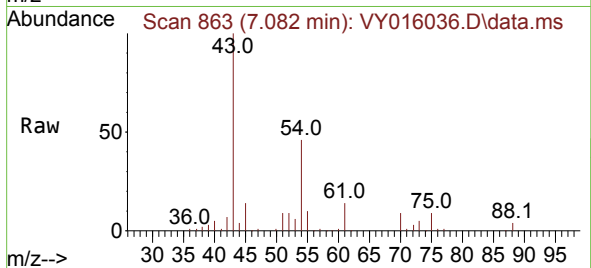
Tgt Ion: 75 Resp: 62895
Ion Ratio Lower Upper
75 100
110 36.5 17.8 53.5
77 31.7 24.4 36.6



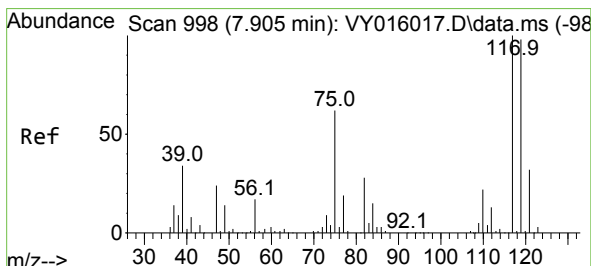
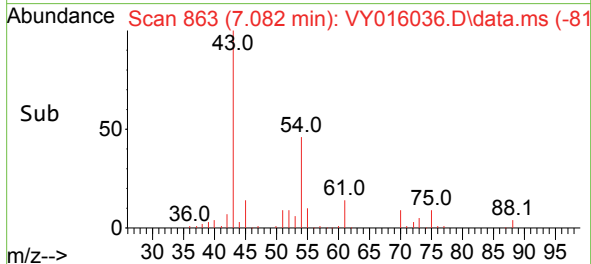
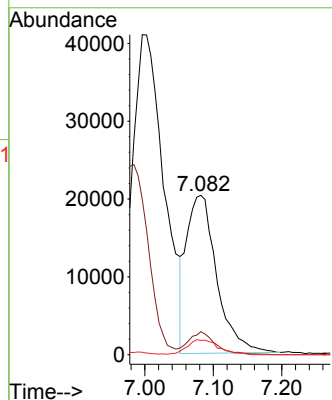


#37
Ethyl Acetate
Concen: 27.055 ug/l
RT: 7.082 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

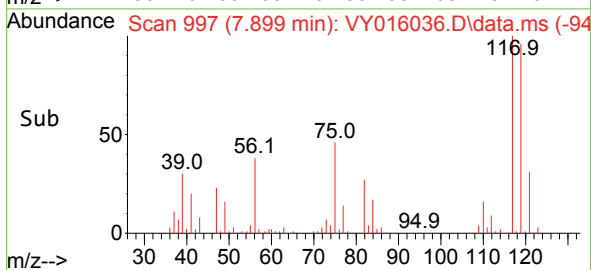
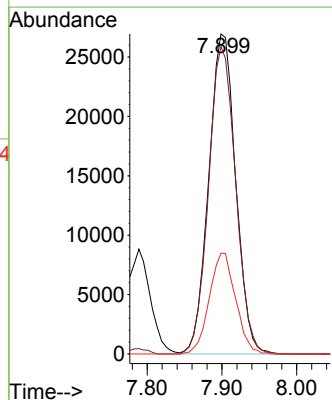
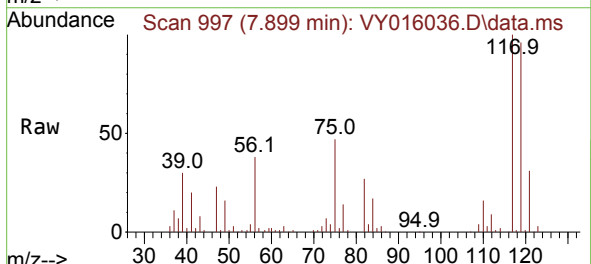


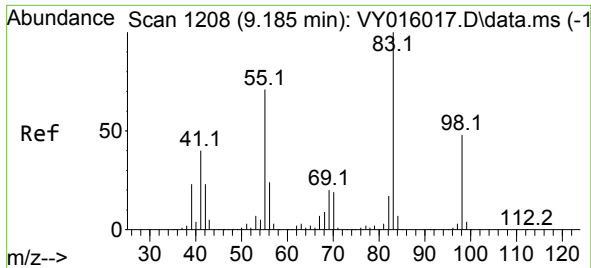
Tgt Ion: 43 Resp: 62136
Ion Ratio Lower Upper
43 100
61 13.2 10.1 15.1
70 9.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.921 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 117 Resp: 67460
Ion Ratio Lower Upper
117 100
119 96.1 76.4 114.6
121 31.5 25.8 38.6

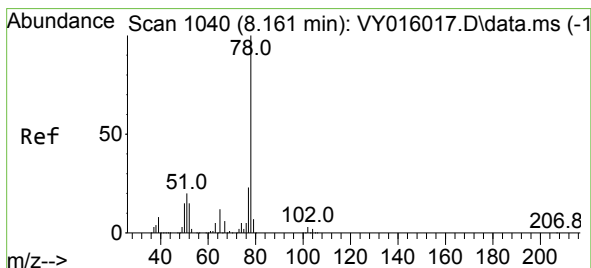
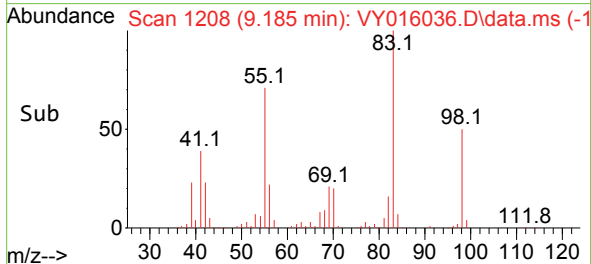
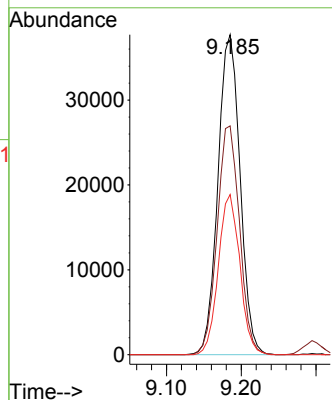
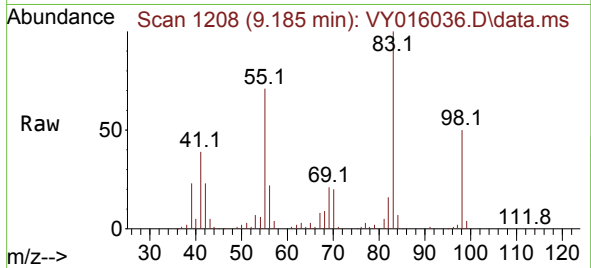




#39
Methylcyclohexane
Concen: 19.506 ug/l
RT: 9.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

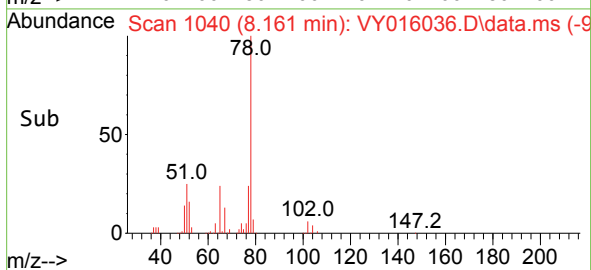
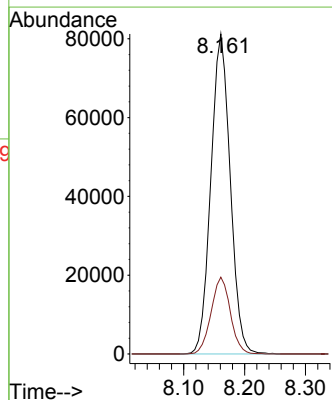
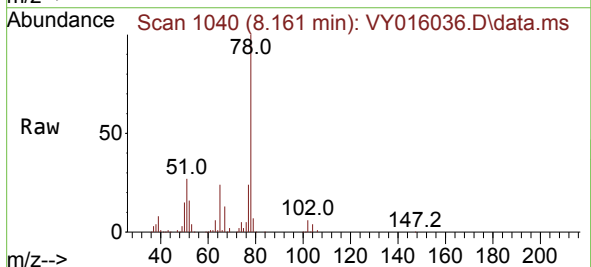
Instrument :
MSVOA_Y
ClientSampleId :

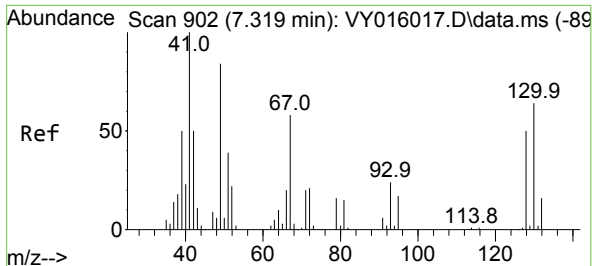
Tgt Ion: 83 Resp: 77667
Ion Ratio Lower Upper
83 100
55 71.5 63.0 94.4
98 50.1 37.4 56.2



#40
Benzene
Concen: 19.962 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

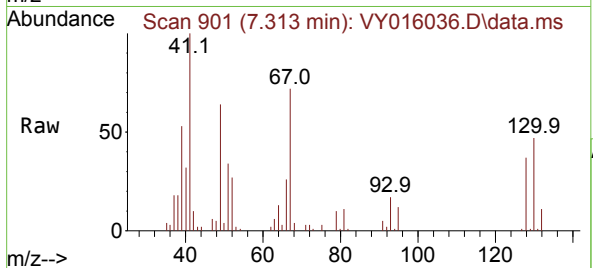
Tgt Ion: 78 Resp: 179255
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6



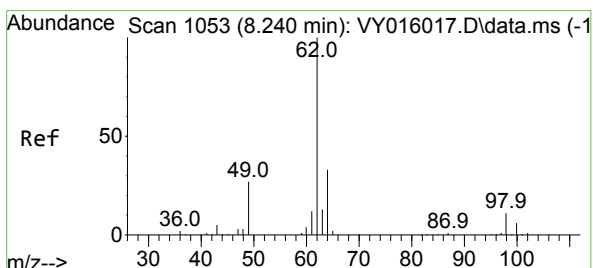
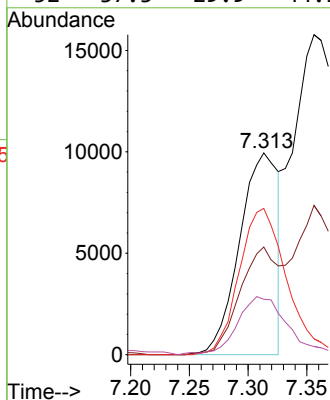
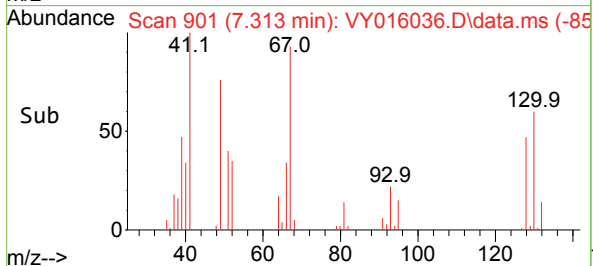


#41
Methacrylonitrile
Concen: 19.099 ug/l
RT: 7.313 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

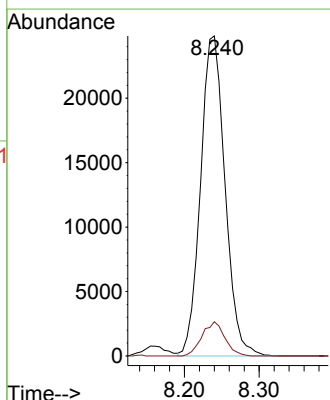
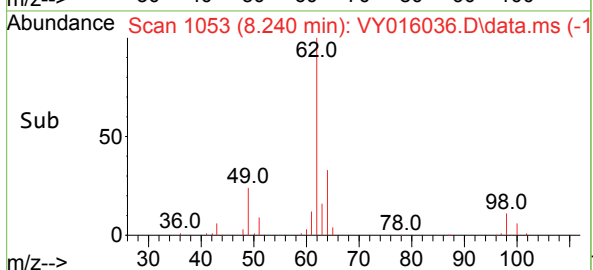
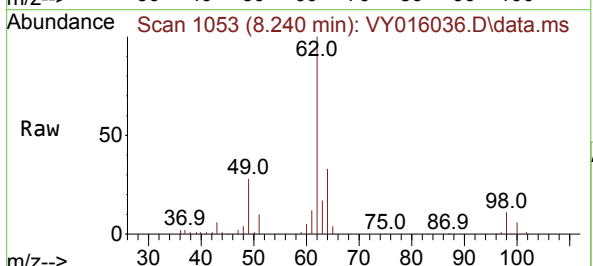


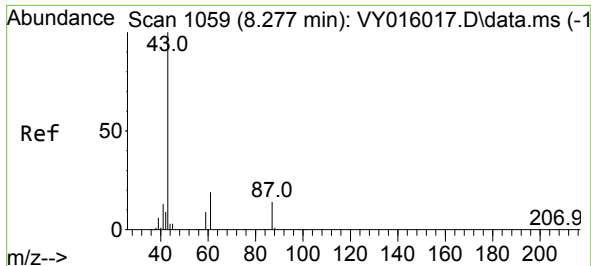
Tgt Ion: 41 Resp: 22754
Ion Ratio Lower Upper
41 100
39 51.8 52.1 78.1#
67 90.0 66.2 99.2
52 37.3 29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.520 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 62 Resp: 56464
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

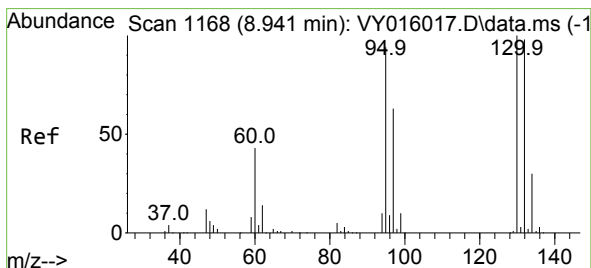
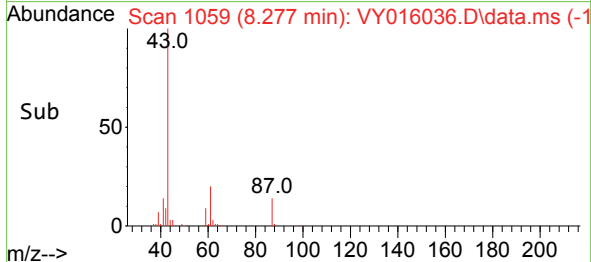
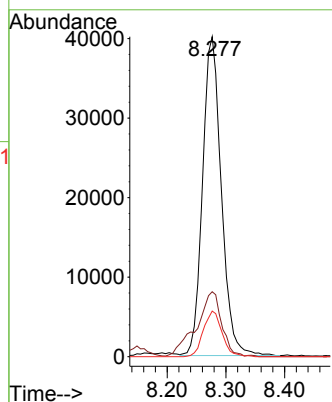
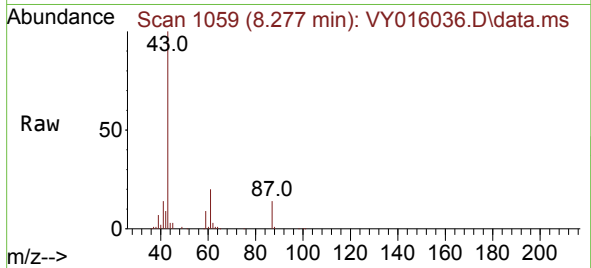




#43
Isopropyl Acetate
Concen: 22.158 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

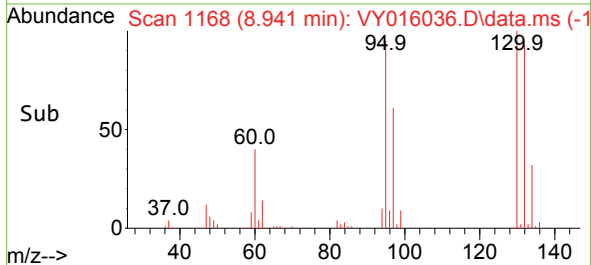
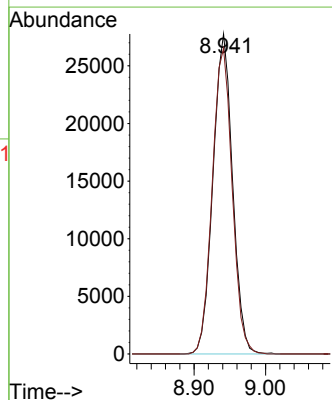
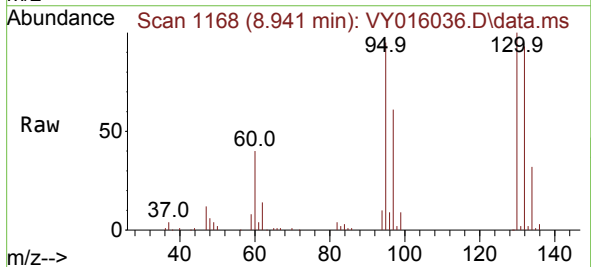
Instrument :
MSVOA_Y
ClientSampleId :

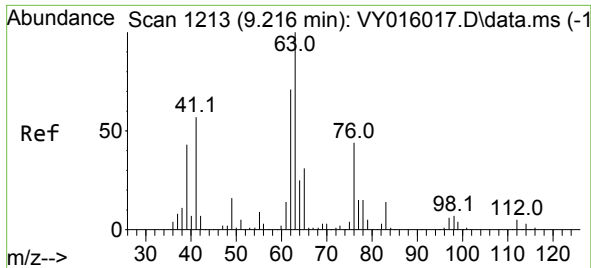
Tgt Ion: 43 Resp: 88972
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 20.980 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 130 Resp: 52824
Ion Ratio Lower Upper
130 100
95 95.5 0.0 196.0

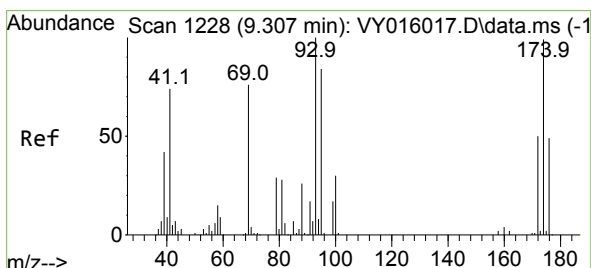
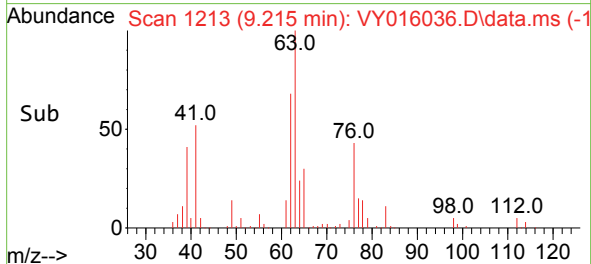
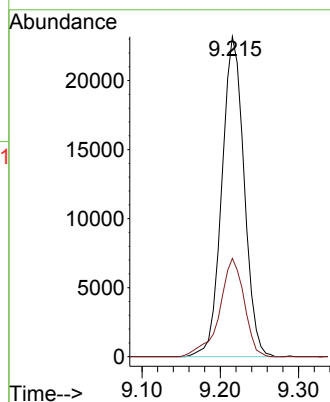
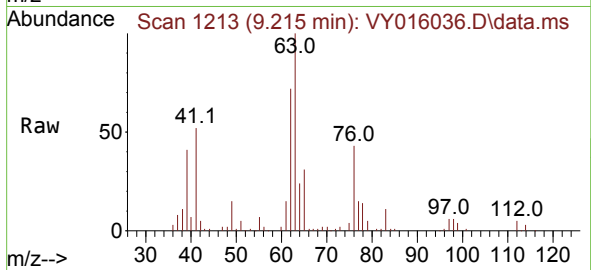




#45
1,2-Dichloropropane
Concen: 20.367 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

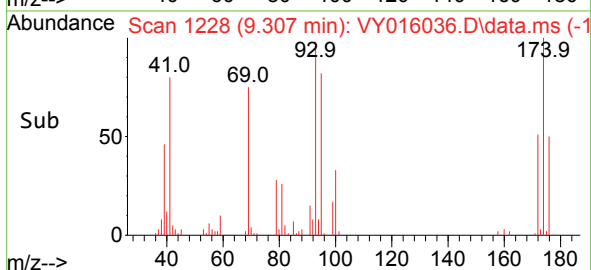
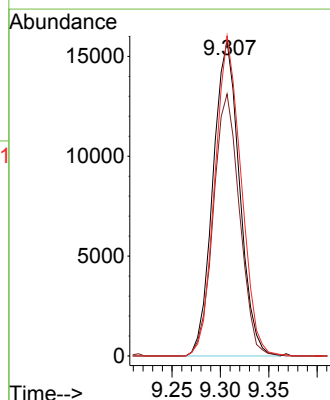
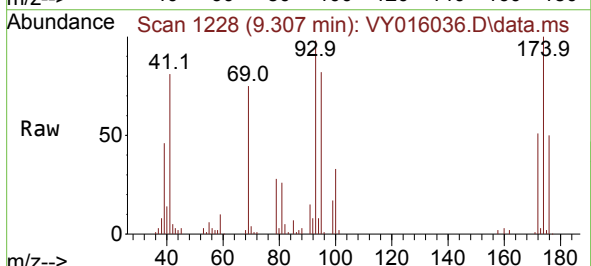
Instrument :
MSVOA_Y
ClientSampleId :

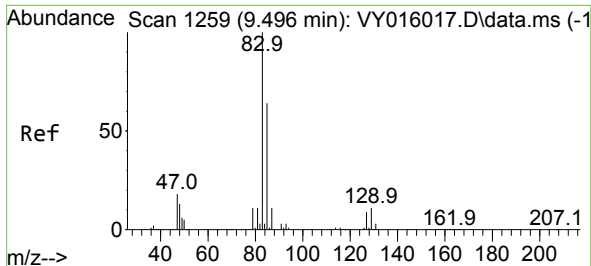
Tgt Ion: 63 Resp: 45771
Ion Ratio Lower Upper
63 100
65 30.7 23.8 35.6



#46
Dibromomethane
Concen: 20.102 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 93 Resp: 29991
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 100.6 84.8 127.2

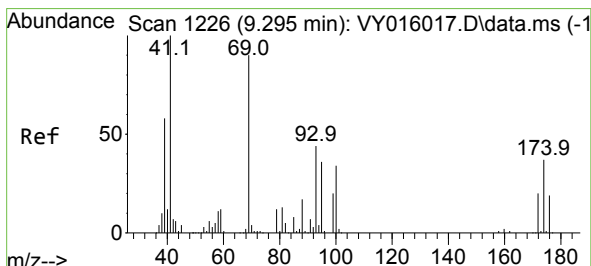
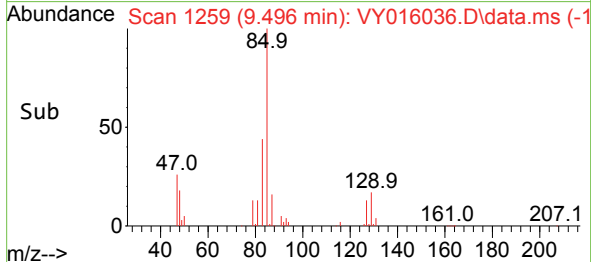
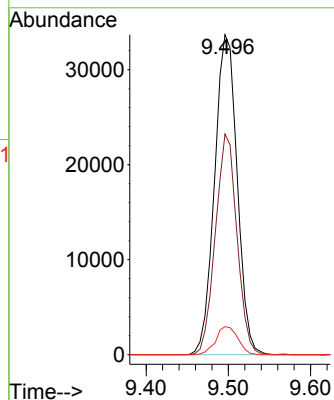
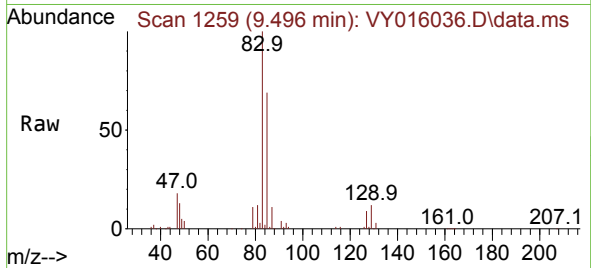




#47
Bromodichloromethane
Concen: 19.686 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

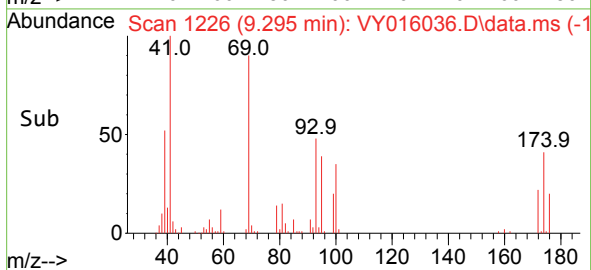
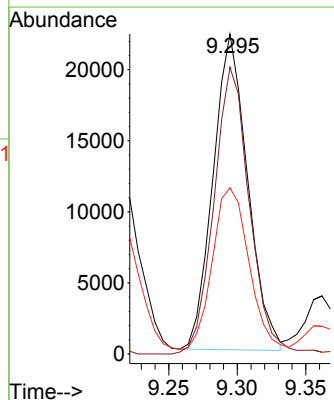
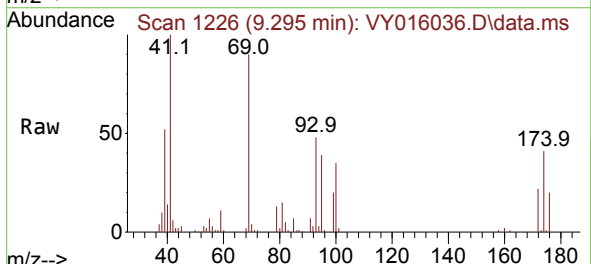
Instrument :
MSVOA_Y
ClientSampleId :

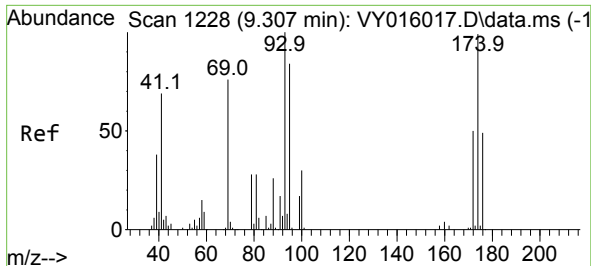
Tgt Ion: 83 Resp: 64373
Ion Ratio Lower Upper
83 100
85 69.0 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 21.283 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

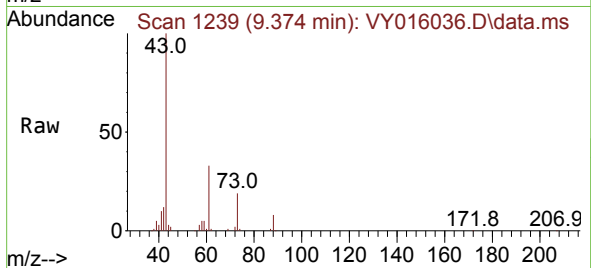
Tgt Ion: 41 Resp: 38900
Ion Ratio Lower Upper
41 100
69 94.1 64.5 96.7
39 54.6 50.8 76.2



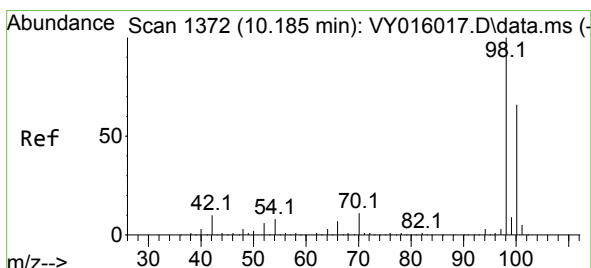
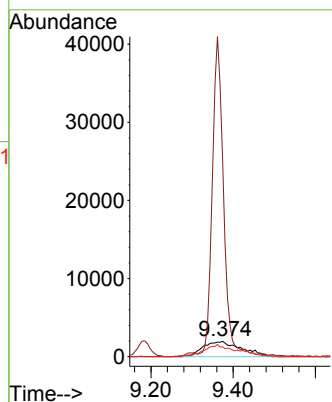
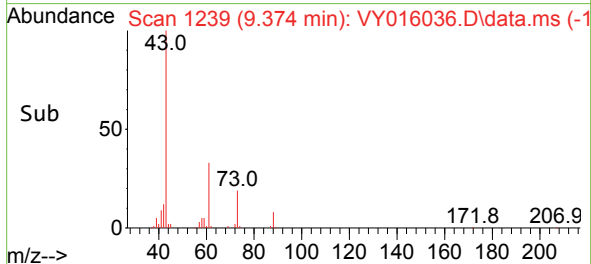


#49
1,4-Dioxane
Concen: 532.859 ug/l
RT: 9.374 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

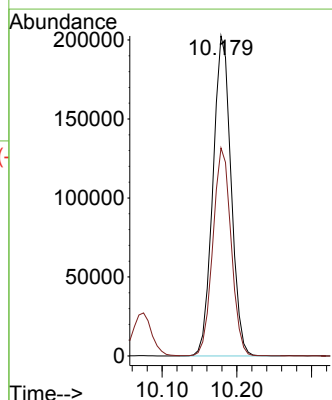
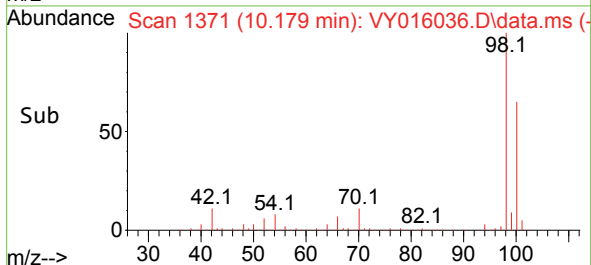
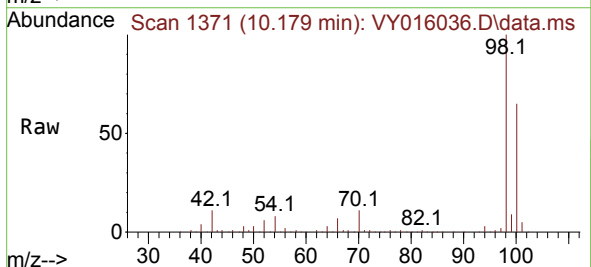


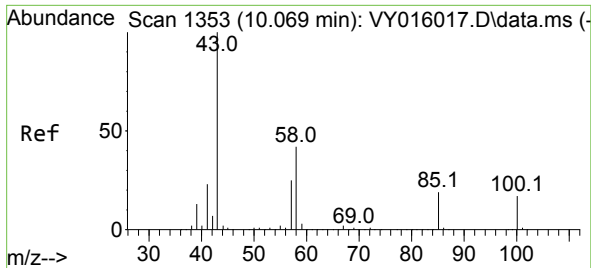
Tgt Ion: 88 Resp: 12659
Ion Ratio Lower Upper
88 100
43 604.4 0.0 0.0#
58 67.8 30.9 46.3#



#50
Toluene-d8
Concen: 44.368 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 98 Resp: 341242
Ion Ratio Lower Upper
98 100
100 65.3 50.1 75.1

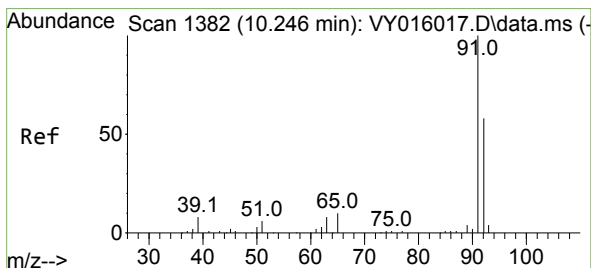
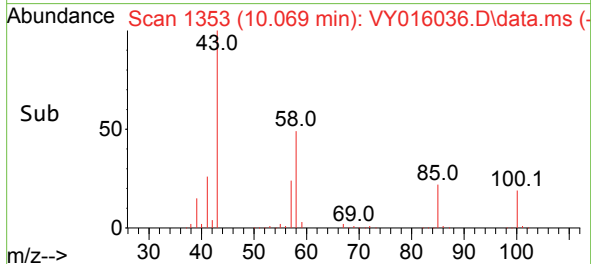
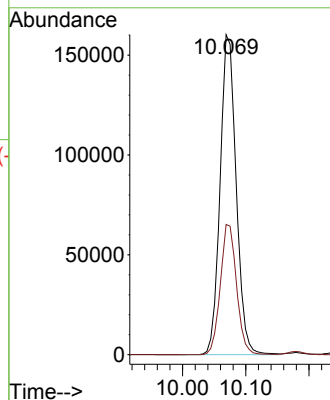
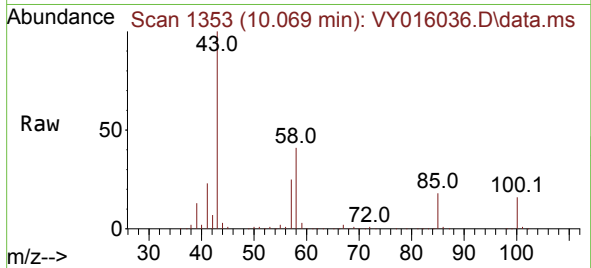




#51
4-Methyl-2-Pentanone
Concen: 121.973 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

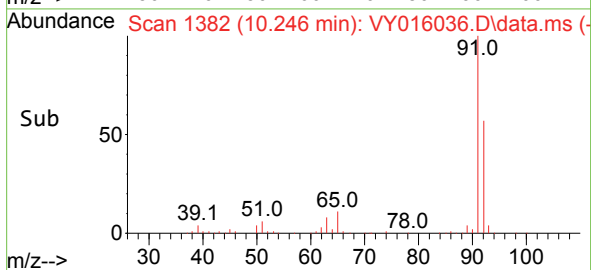
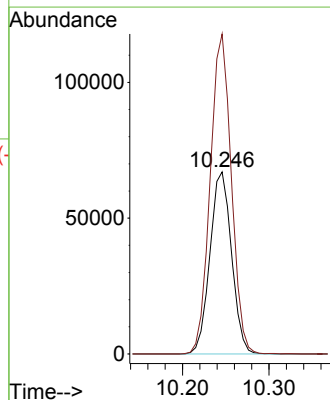
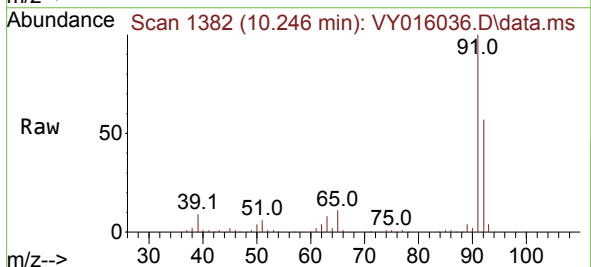
Instrument :
MSVOA_Y
ClientSampleId :

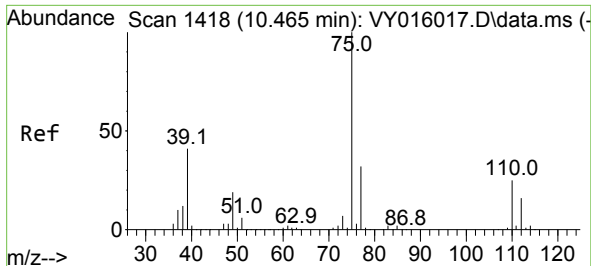
Tgt Ion: 43 Resp: 281642
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 19.929 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 92 Resp: 116076
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

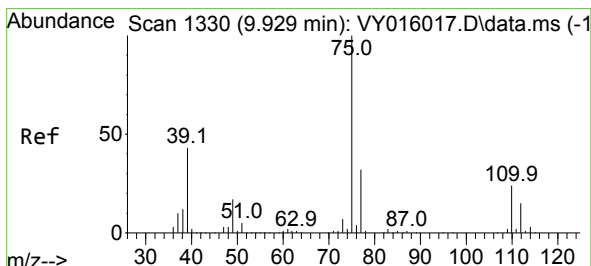
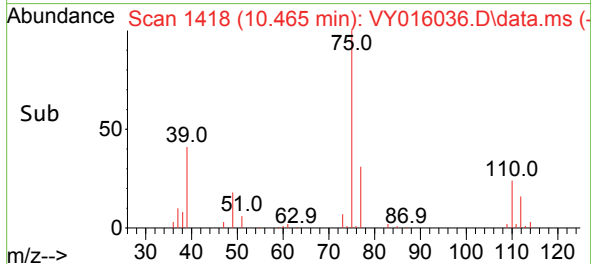
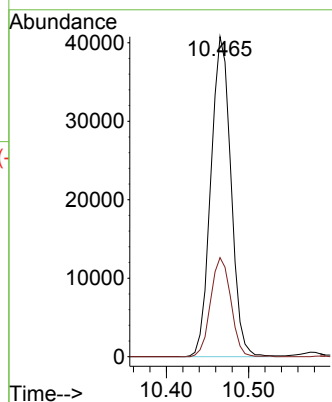
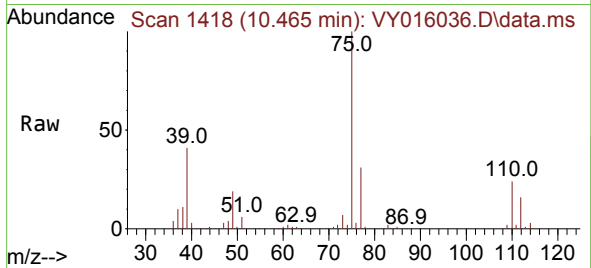




#53
 t-1,3-Dichloropropene
 Concen: 19.555 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

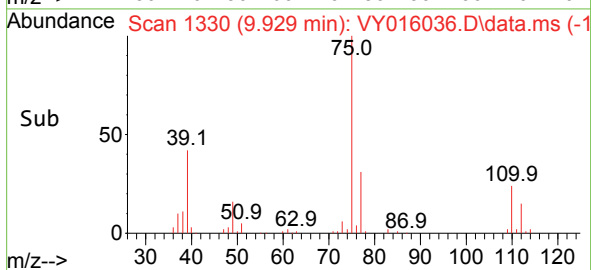
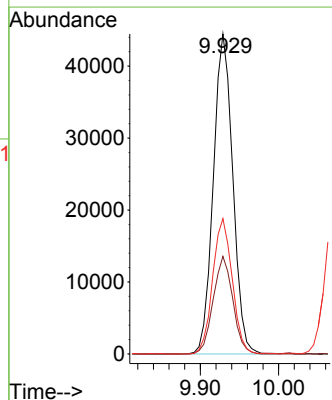
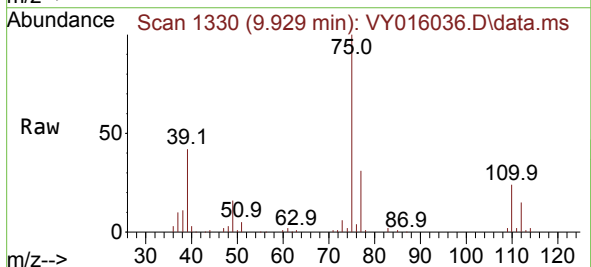
Instrument :
 MSVOA_Y
 ClientSampleId :

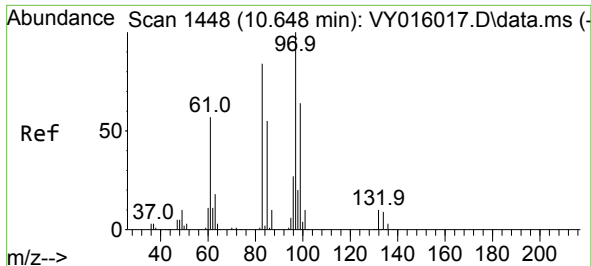
Tgt Ion: 75 Resp: 69270
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.898 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016036.D
 Acq: 19 Oct 2023 14:25

Tgt Ion: 75 Resp: 76831
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.2 36.4
 39 42.3 42.2 63.4

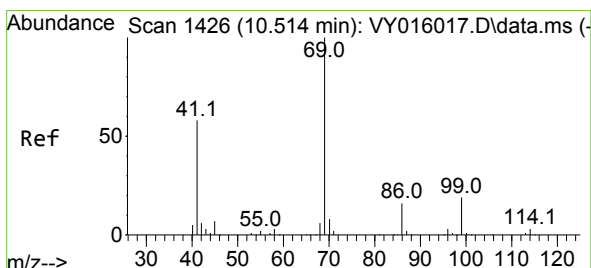
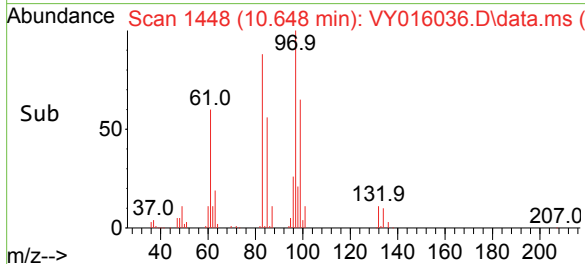
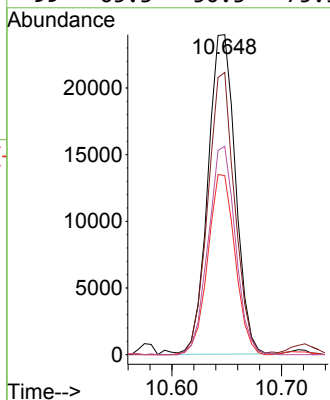
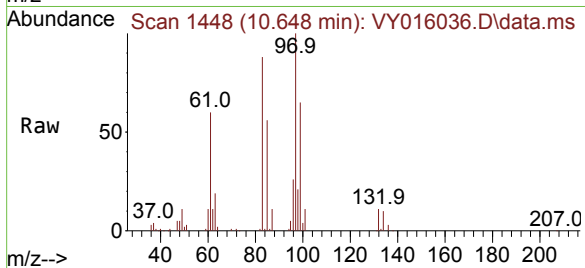




#55
1,1,2-Trichloroethane
Concen: 20.412 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

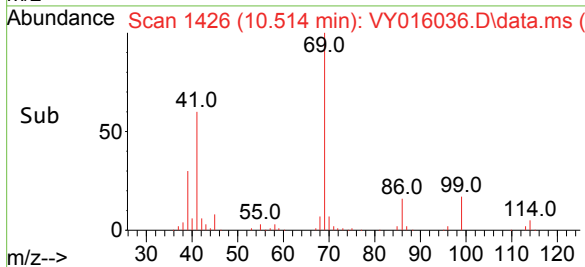
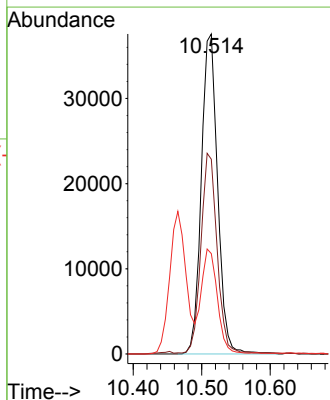
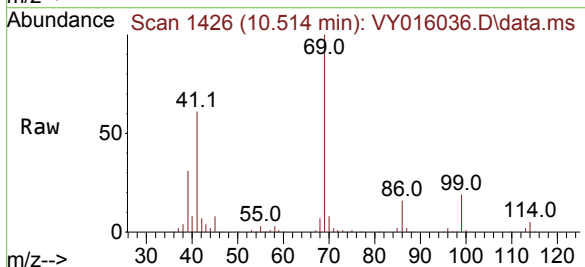
Instrument :
MSVOA_Y
ClientSampleId :

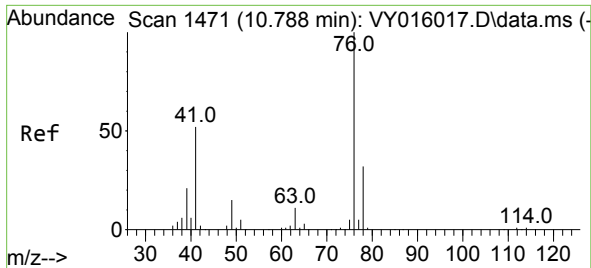
Tgt Ion:	97	Resp:	41838
Ion	Ratio	Lower	Upper
97	100		
83	88.4	72.0	108.0
85	55.8	45.4	68.0
99	65.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.779 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

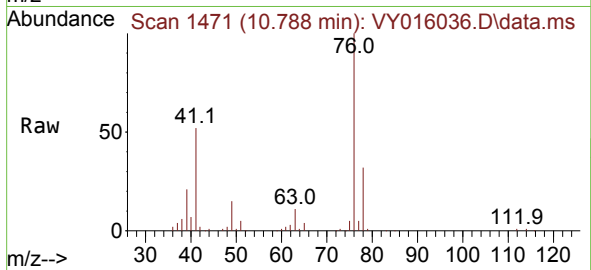
Tgt Ion:	69	Resp:	62243
Ion	Ratio	Lower	Upper
69	100		
41	61.3	57.6	86.4
39	31.8	34.1	51.1#



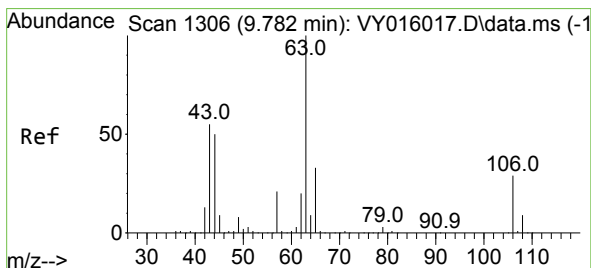
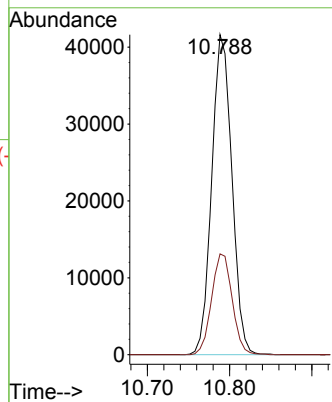
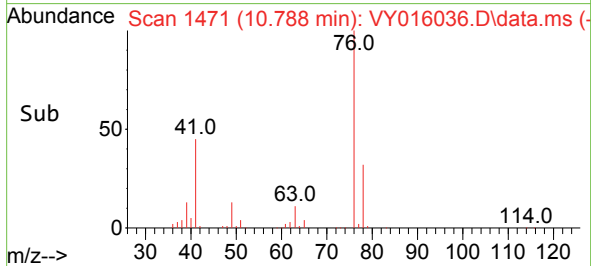


#57
1,3-Dichloropropane
Concen: 20.378 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Instrument :
MSVOA_Y
ClientSampleId :

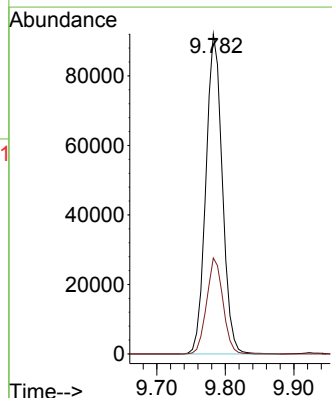
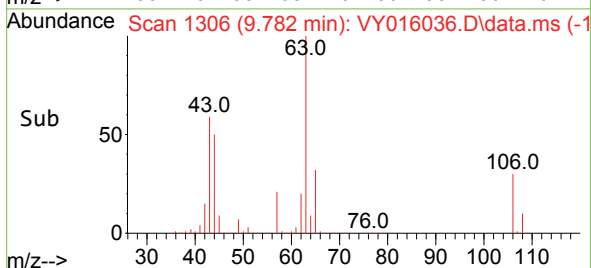
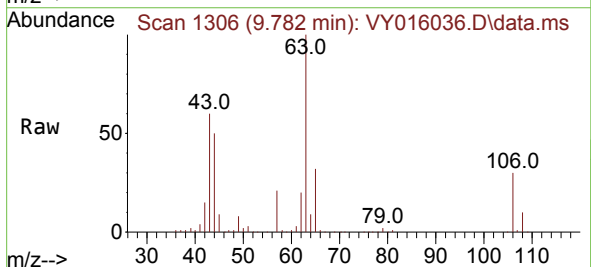


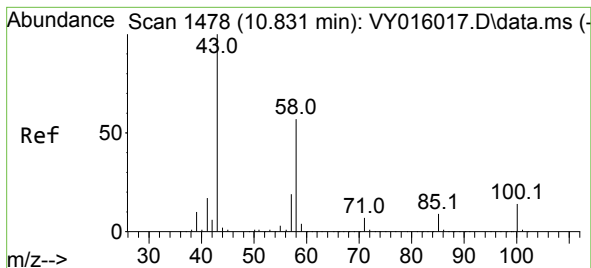
Tgt Ion: 76 Resp: 70859
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 106.652 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 63 Resp: 153450
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8





#59

2-Hexanone

Concen: 125.540 ug/l

RT: 10.837 min Scan# 1478

Delta R.T. 0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

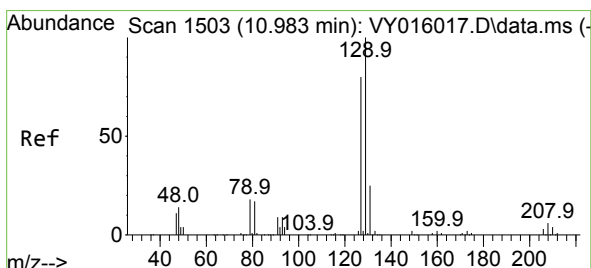
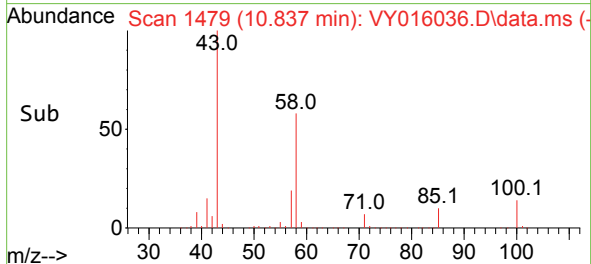
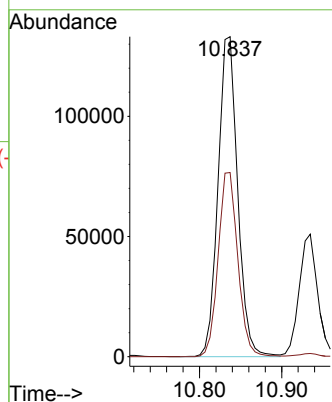
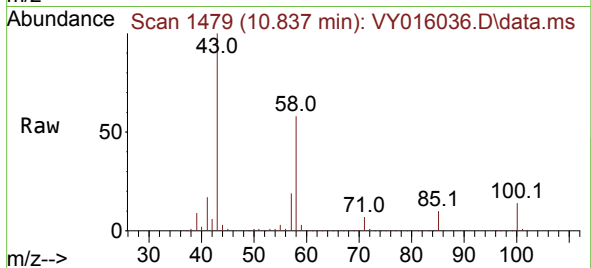
ClientSampleId :

Tgt Ion: 43 Resp: 220545

Ion Ratio Lower Upper

43 100

58 57.8 25.1 75.3



#60

Dibromochloromethane

Concen: 19.761 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY016036.D

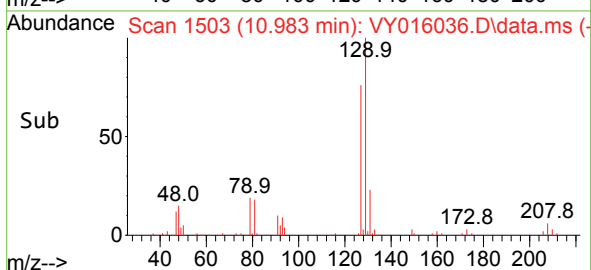
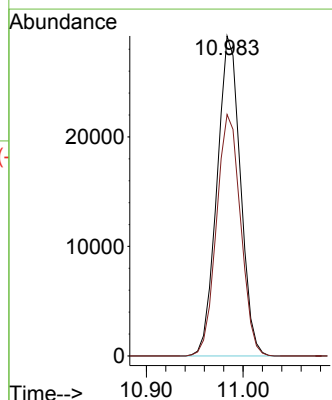
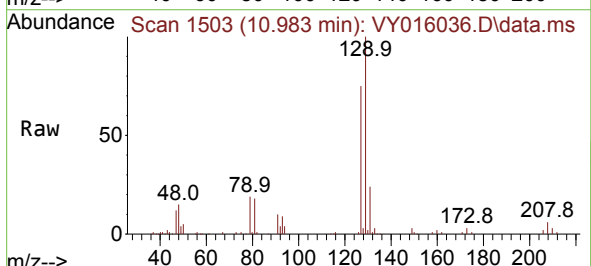
Acq: 19 Oct 2023 14:25

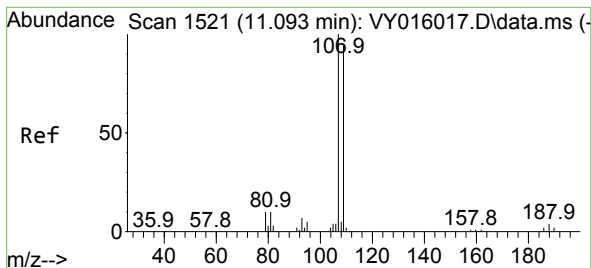
Tgt Ion: 129 Resp: 48984

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.371 ug/l

RT: 11.087 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

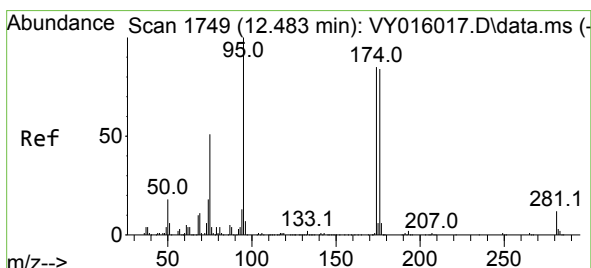
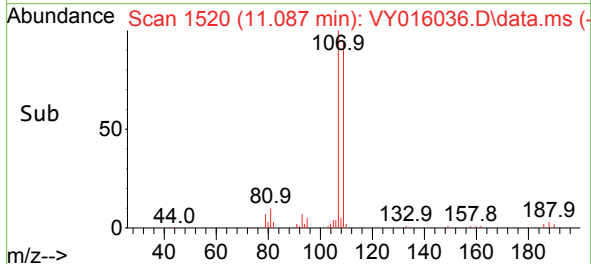
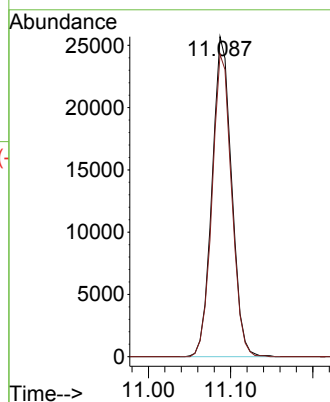
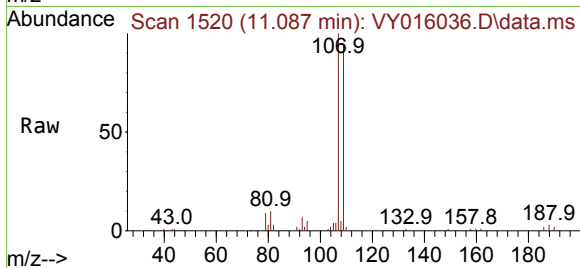
ClientSampleId :

Tgt Ion:107 Resp: 42493

Ion Ratio Lower Upper

107 100

109 94.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 43.078 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

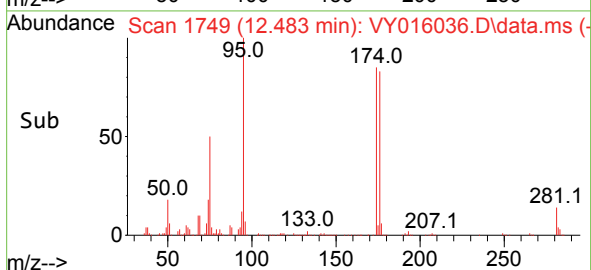
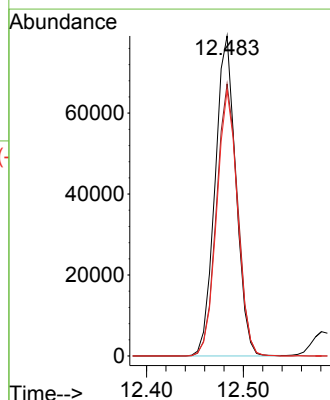
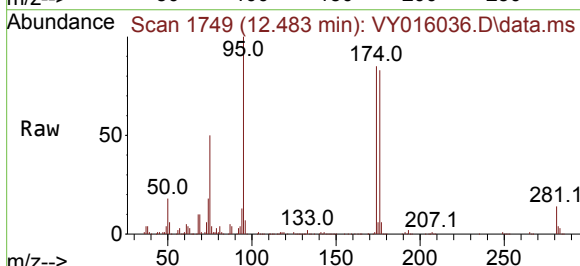
Tgt Ion: 95 Resp: 118221

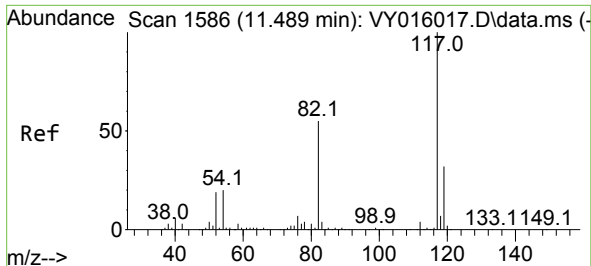
Ion Ratio Lower Upper

95 100

174 86.4 0.0 178.2

176 83.2 0.0 173.8

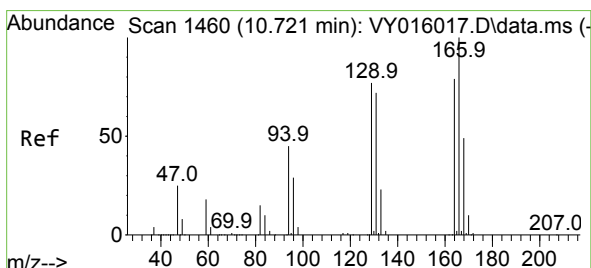
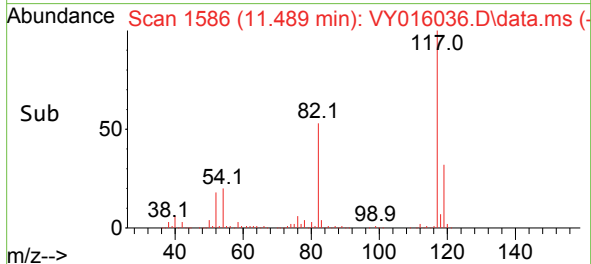
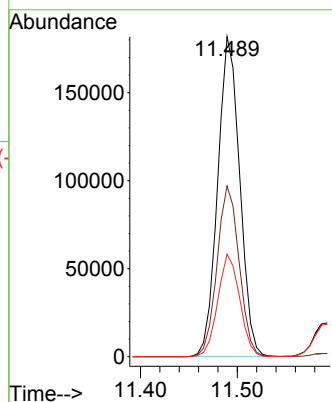
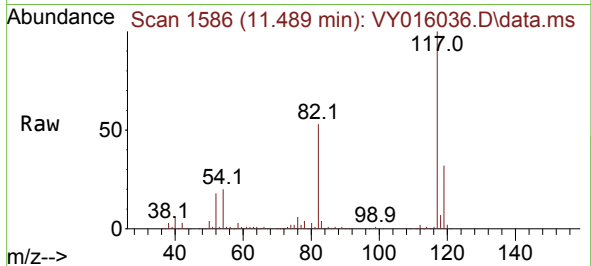




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

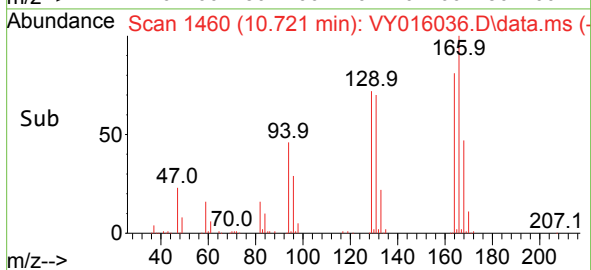
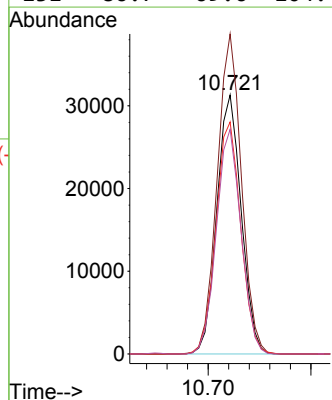
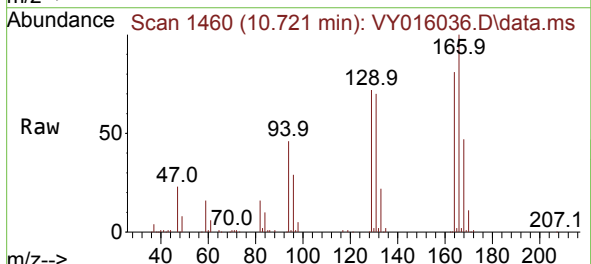
Instrument :
MSVOA_Y
ClientSampleId :

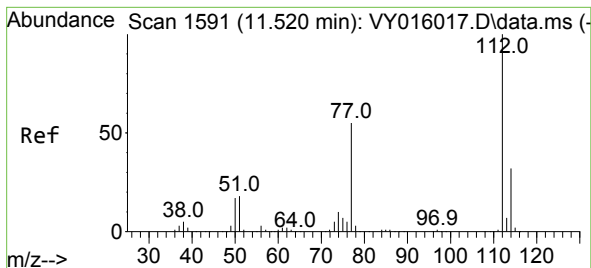
Tgt Ion:117 Resp: 287651
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 26.3 39.5



#64
Tetrachloroethene
Concen: 23.130 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:164 Resp: 51591
Ion Ratio Lower Upper
164 100
166 123.6 103.0 154.6
129 89.6 77.2 115.8
131 86.7 69.6 104.4





#65

Chlorobenzene

Concen: 20.133 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

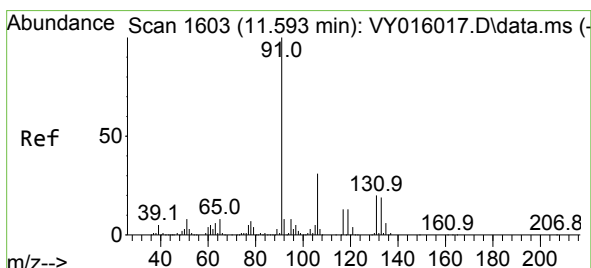
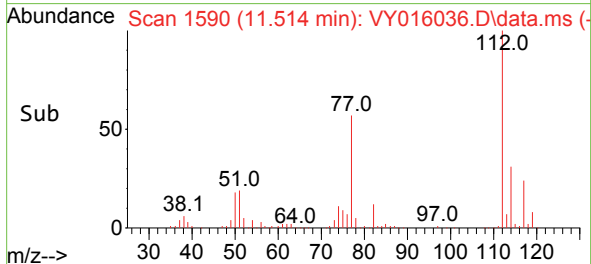
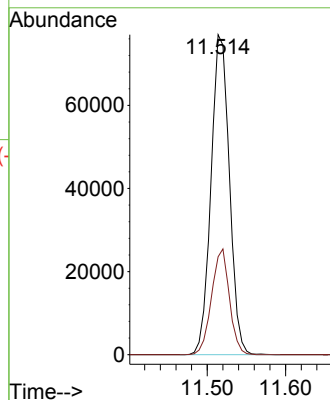
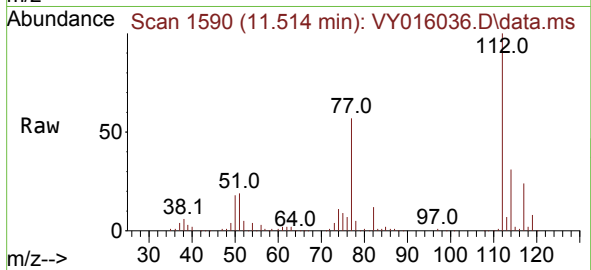
ClientSampleId :

Tgt Ion:112 Resp: 125420

Ion Ratio Lower Upper

112 100

114 30.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.076 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

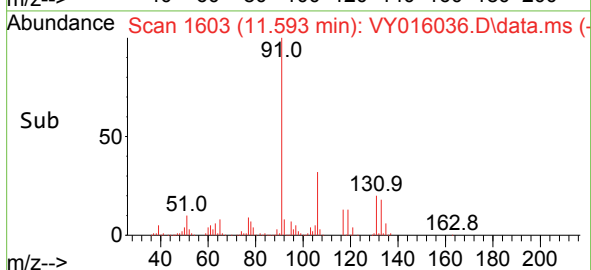
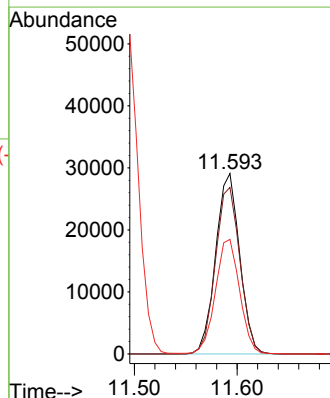
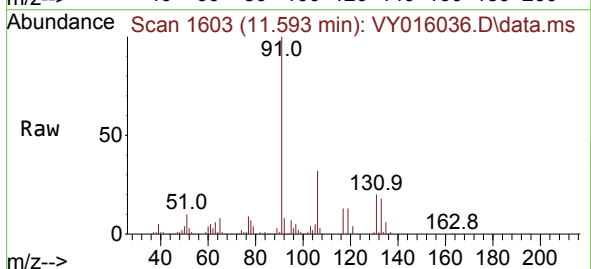
Tgt Ion:131 Resp: 47140

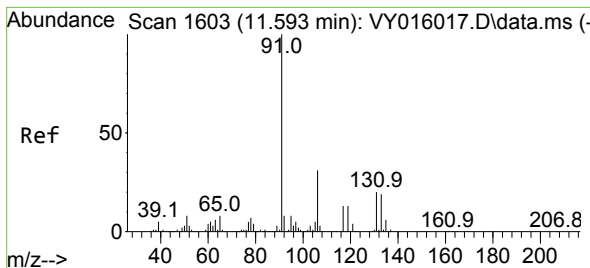
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 64.5 31.6 94.7





#67

Ethyl Benzene

Concen: 20.116 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

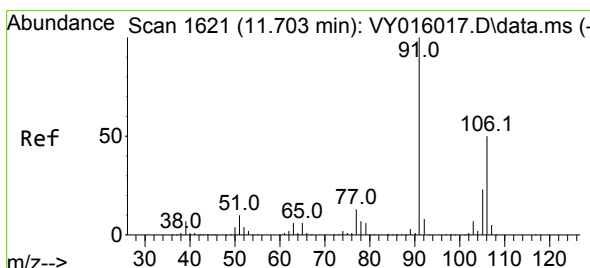
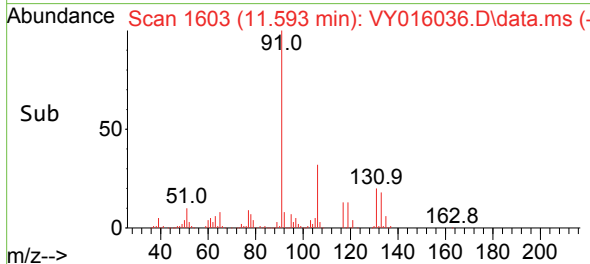
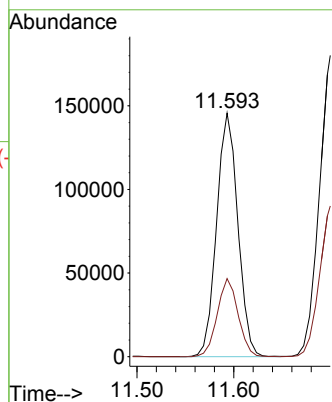
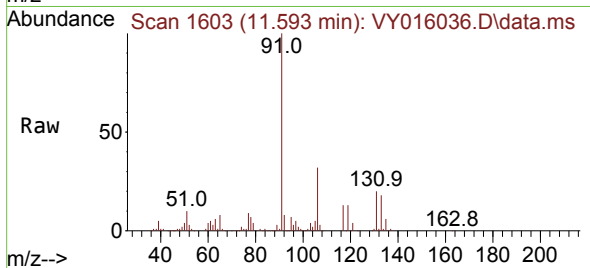
ClientSampleId :

Tgt Ion: 91 Resp: 221747

Ion Ratio Lower Upper

91 100

106 32.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.057 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016036.D

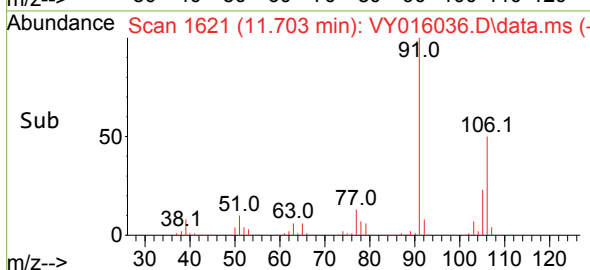
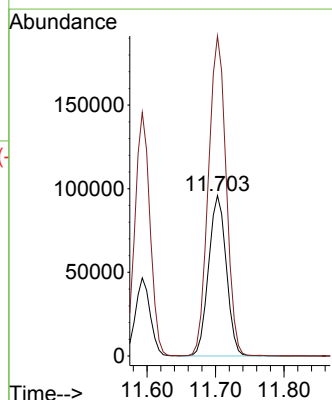
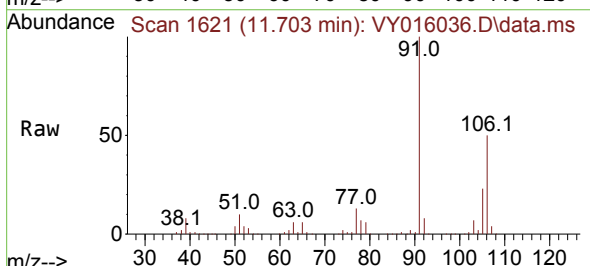
Acq: 19 Oct 2023 14:25

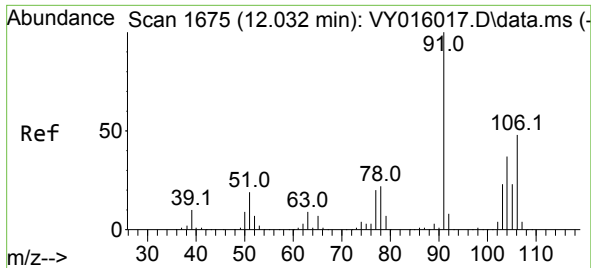
Tgt Ion: 106 Resp: 172189

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1

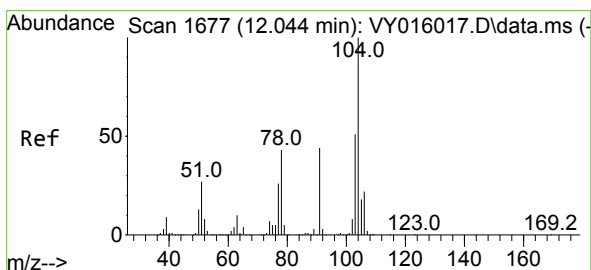
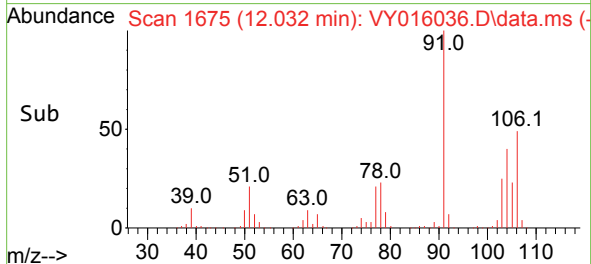
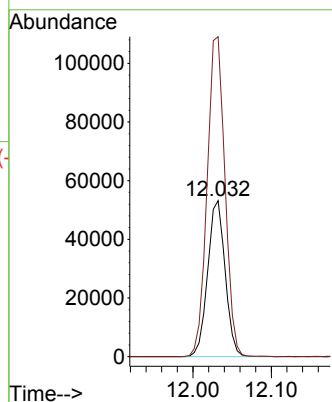
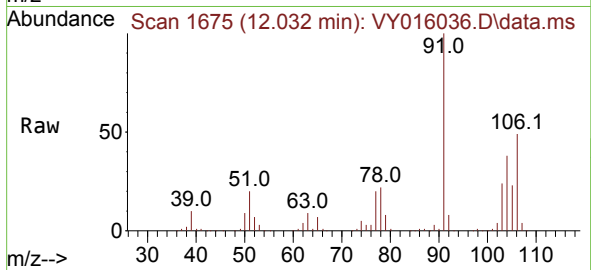




#69
o-Xylene
Concen: 20.107 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

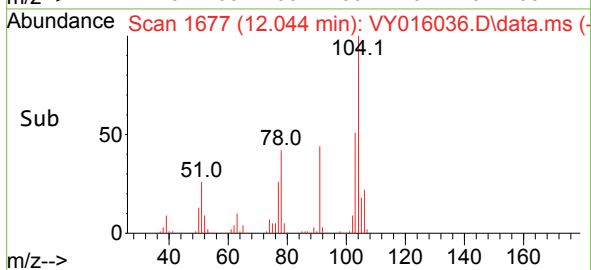
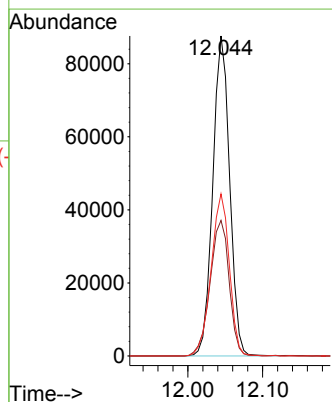
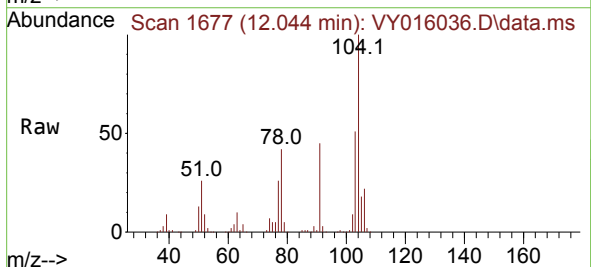
Instrument :
MSVOA_Y
ClientSampleId :

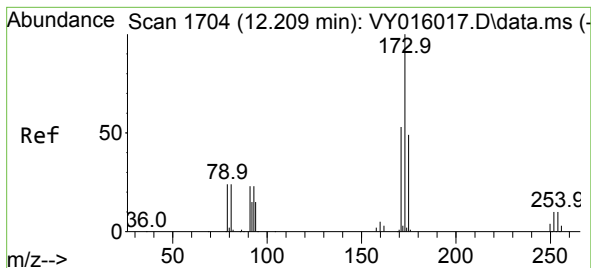
Tgt Ion:106 Resp: 82224
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.3



#70
Styrene
Concen: 19.722 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:104 Resp: 137455
Ion Ratio Lower Upper
104 100
78 47.8 41.5 62.3
103 54.5 44.6 67.0





#71

Bromoform

Concen: 20.524 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016036.D

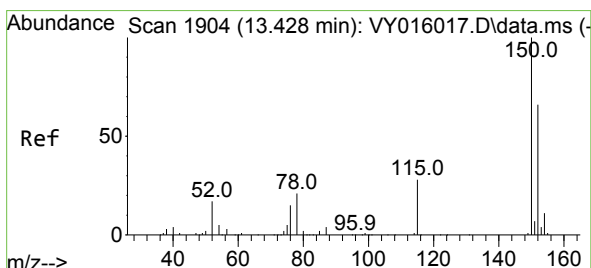
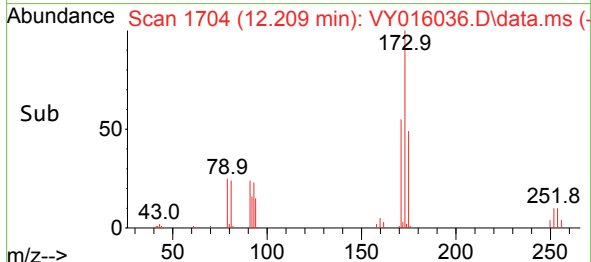
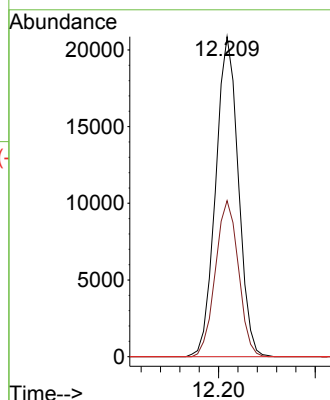
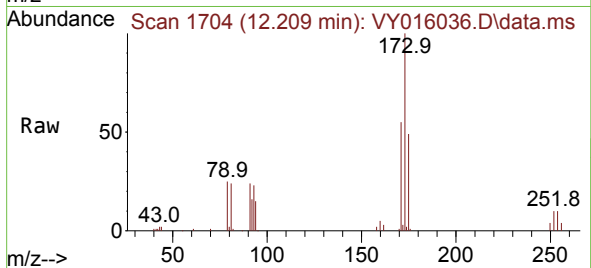
Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	33910
Ion Ratio	Lower	Upper
173	100	
175	49.5	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

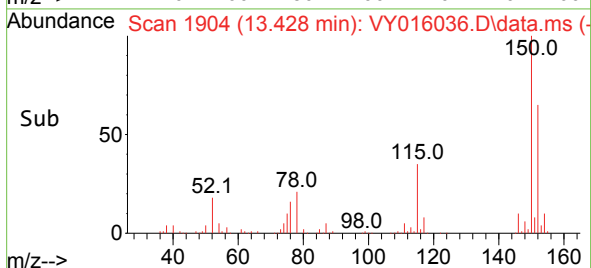
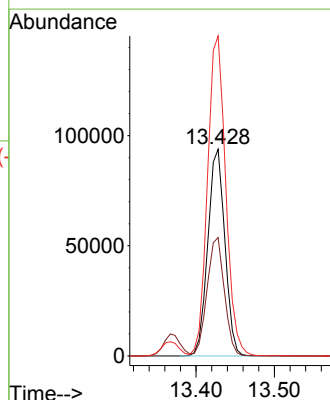
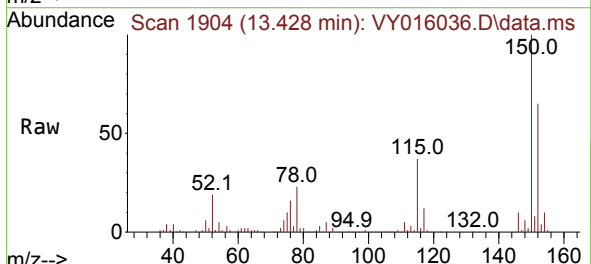
RT: 13.428 min Scan# 1904

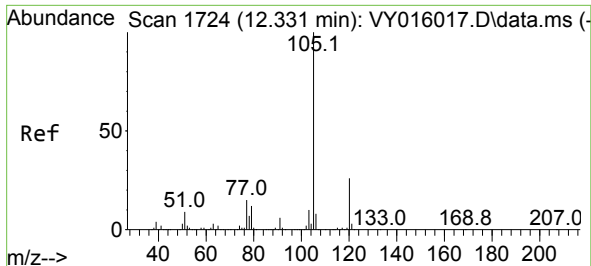
Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion:152	Resp:	141831
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.8 86.5
150	164.8	0.0 348.8

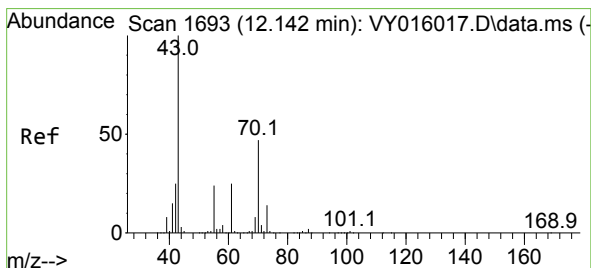
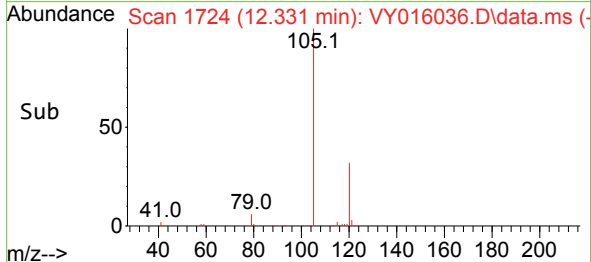
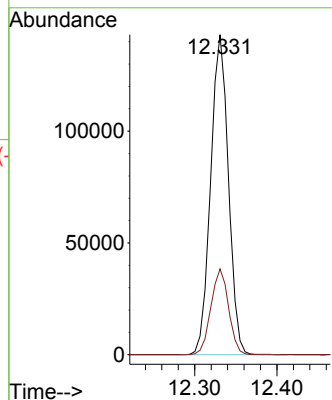
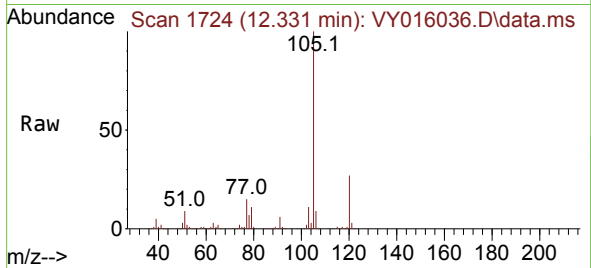




#73
Isopropylbenzene
Concen: 20.216 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

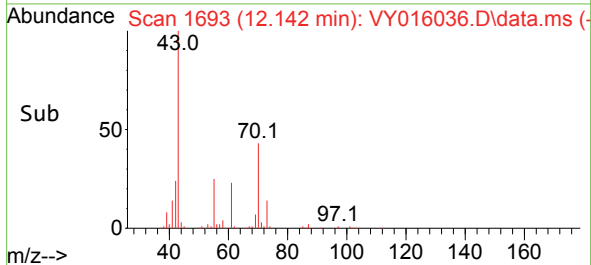
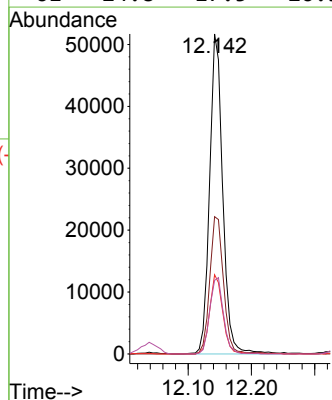
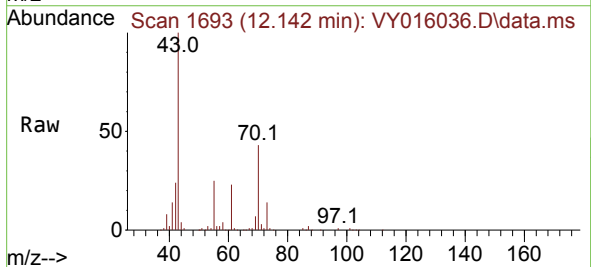
Instrument :
MSVOA_Y
ClientSampleId :

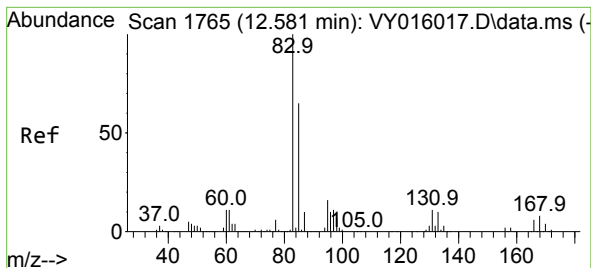
Tgt Ion:105 Resp: 214478
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 22.375 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 43 Resp: 74980
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5
55 24.6 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.804 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

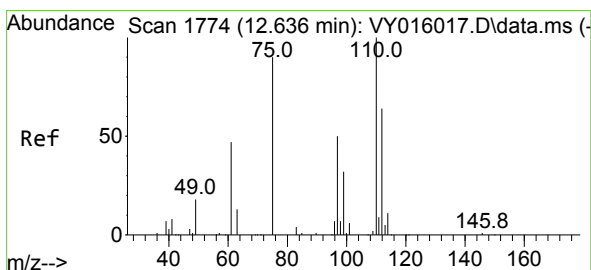
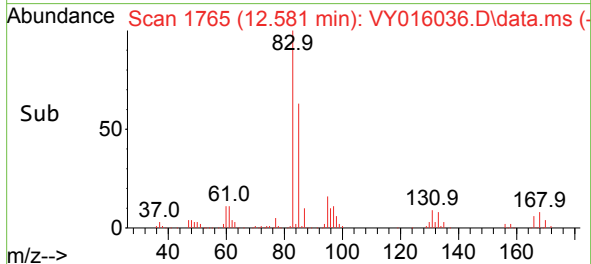
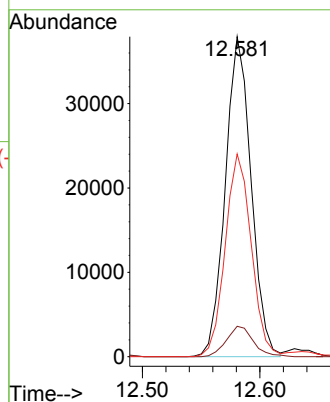
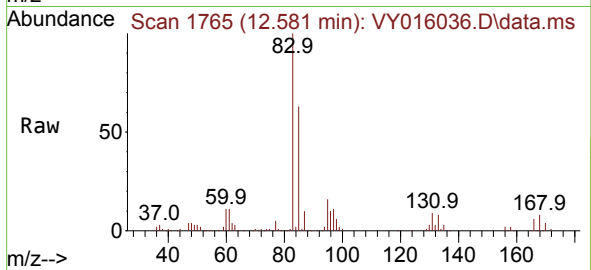
Tgt Ion: 83 Resp: 57939

Ion Ratio Lower Upper

83 100

131 9.9 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.581 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016036.D

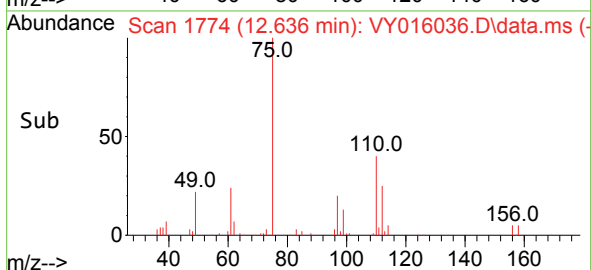
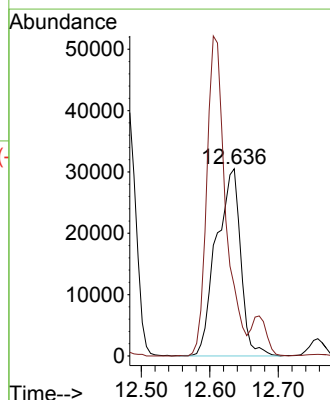
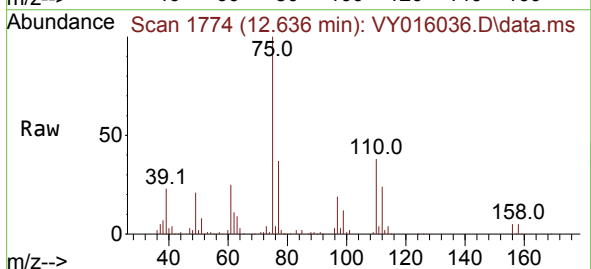
Acq: 19 Oct 2023 14:25

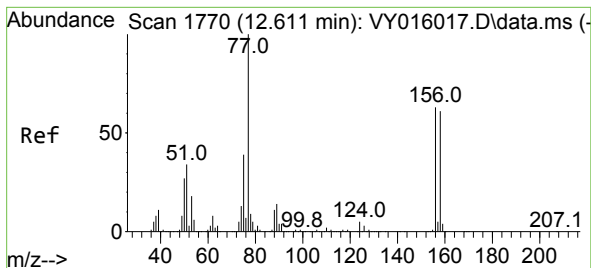
Tgt Ion: 75 Resp: 75469

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.483 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016036.D

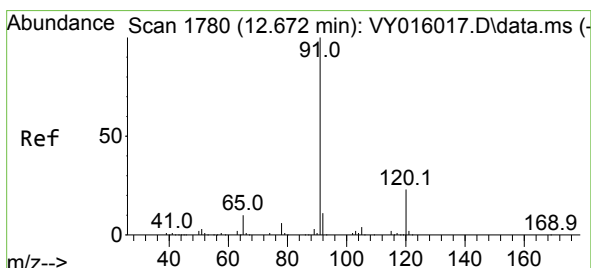
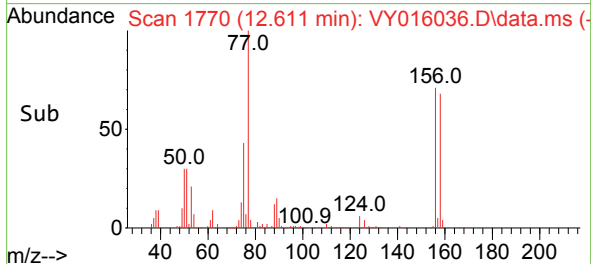
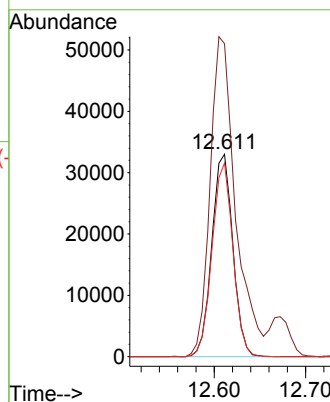
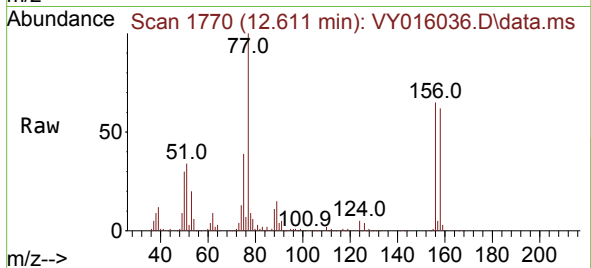
Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	52747
Ion Ratio	Lower	Upper	
156	100		
77	190.6	92.8	278.6
158	94.9	48.4	145.3



#78

n-propylbenzene

Concen: 20.680 ug/l

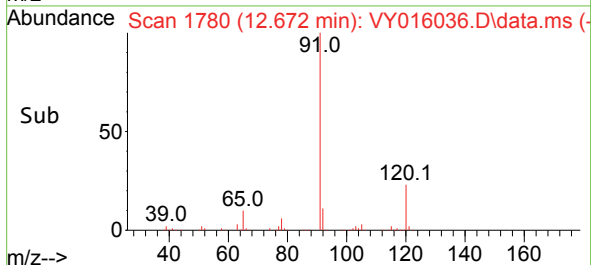
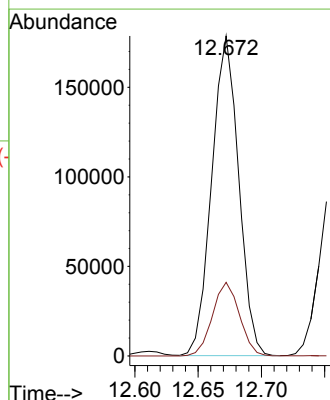
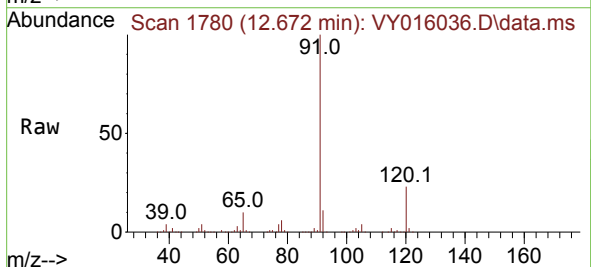
RT: 12.672 min Scan# 1780

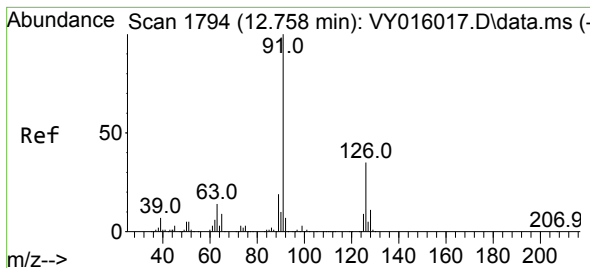
Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion:	91	Resp:	264267
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

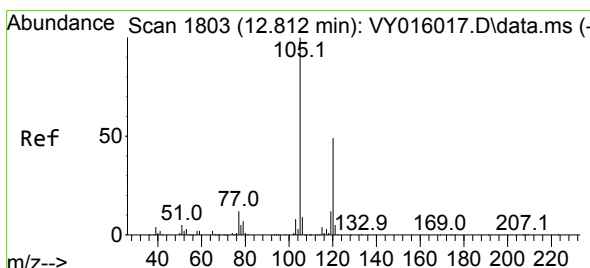
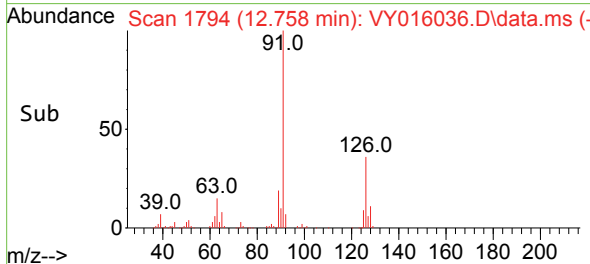
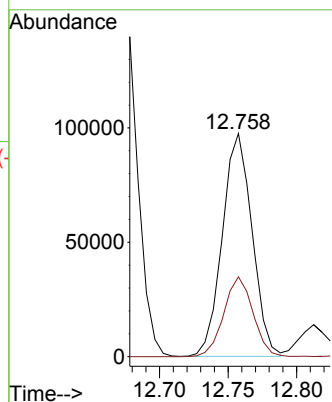
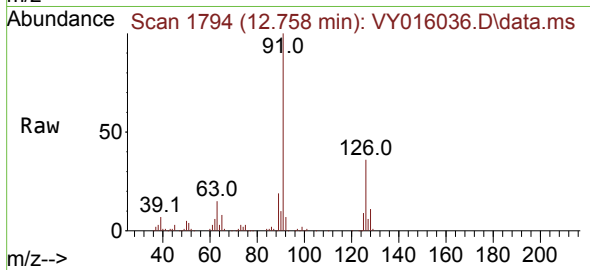




#79
2-Chlorotoluene
Concen: 20.535 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

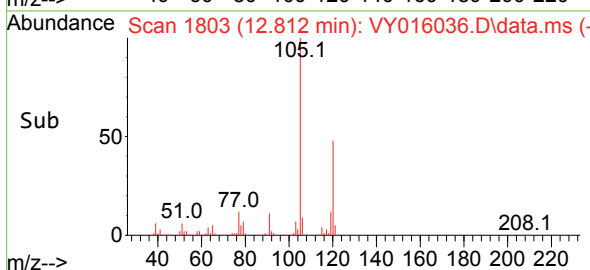
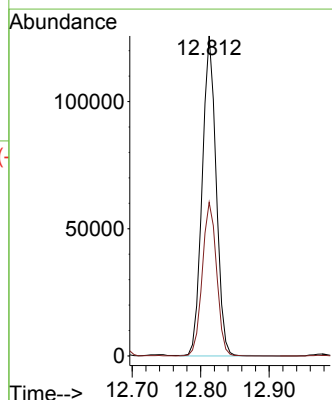
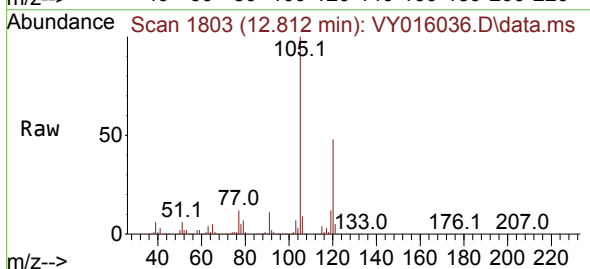
Instrument :
MSVOA_Y
ClientSampleId :

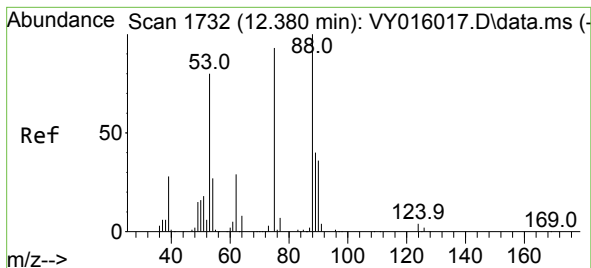
Tgt Ion: 91 Resp: 147295
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.356 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 105 Resp: 178882
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

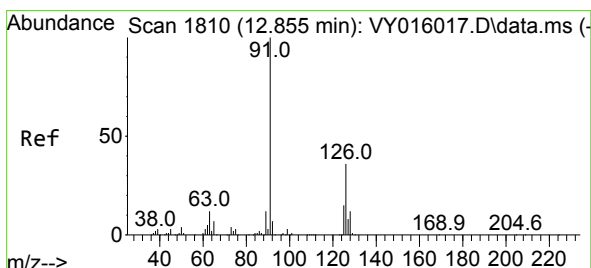
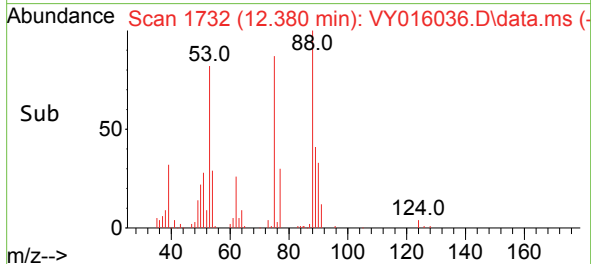
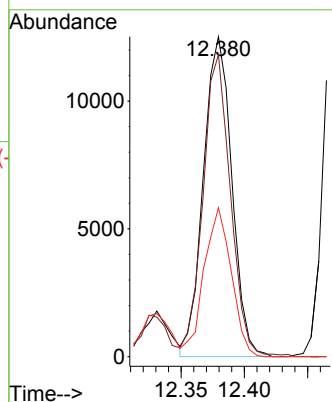
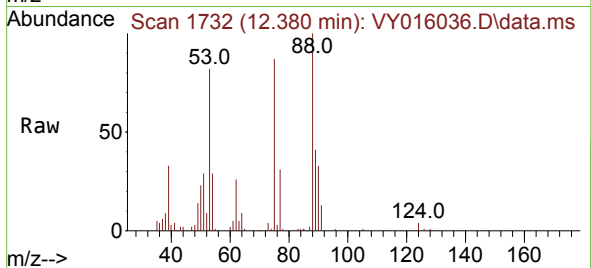




#81
trans-1,4-Dichloro-2-butene
Concen: 21.294 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

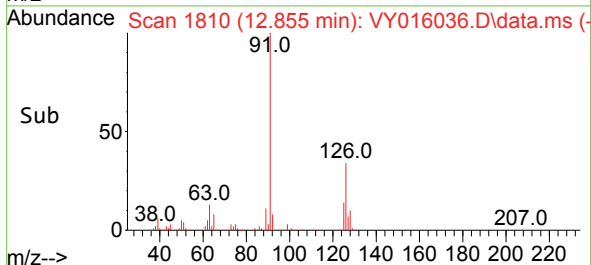
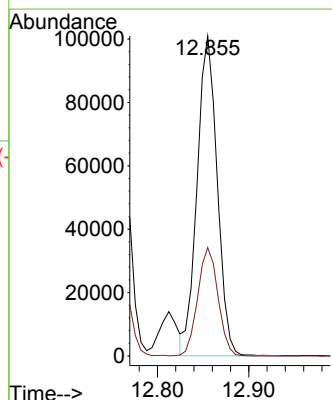
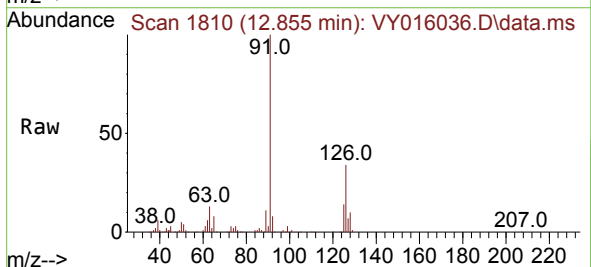
Instrument :
MSVOA_Y
ClientSampleId :

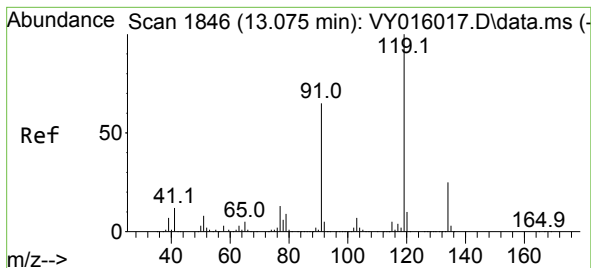
Tgt Ion: 75 Resp: 19590
Ion Ratio Lower Upper
75 100
53 91.2 77.8 116.8
89 44.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.584 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 91 Resp: 154094
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.048 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

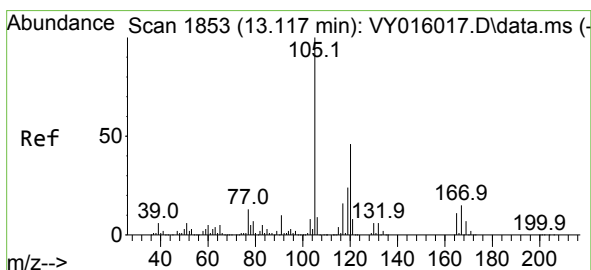
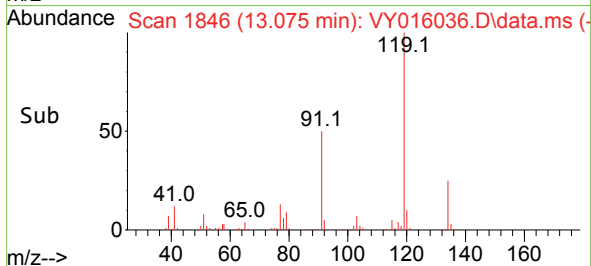
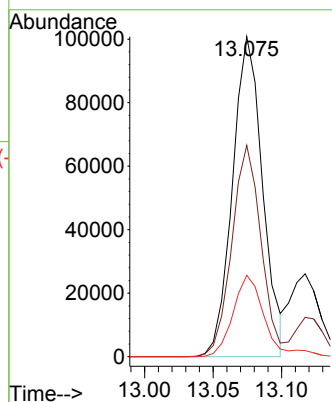
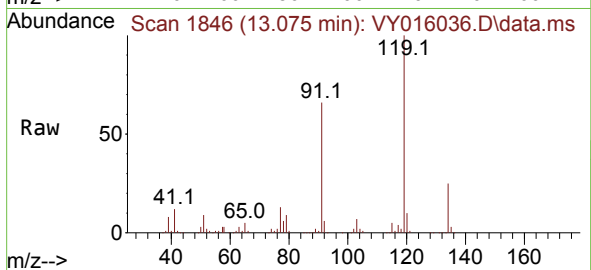
Tgt Ion:119 Resp: 154487

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.307 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY016036.D

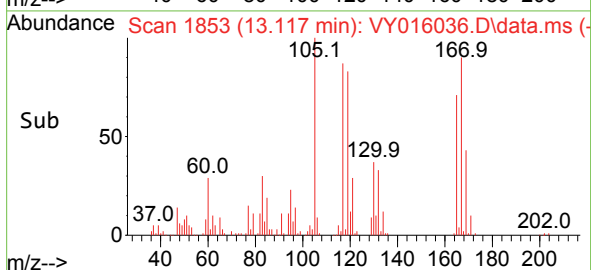
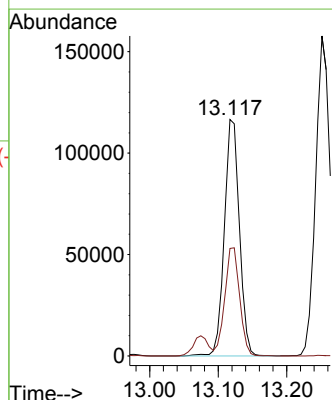
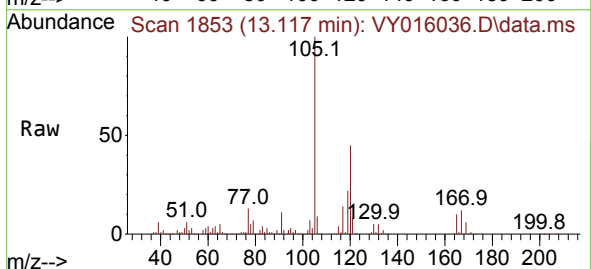
Acq: 19 Oct 2023 14:25

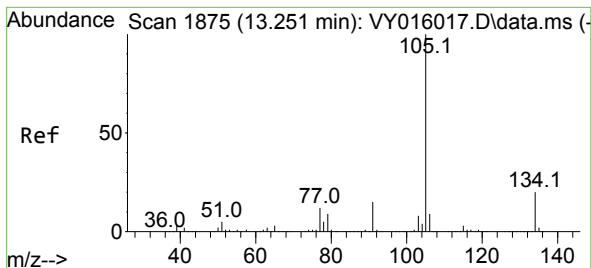
Tgt Ion:105 Resp: 177209

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.387 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

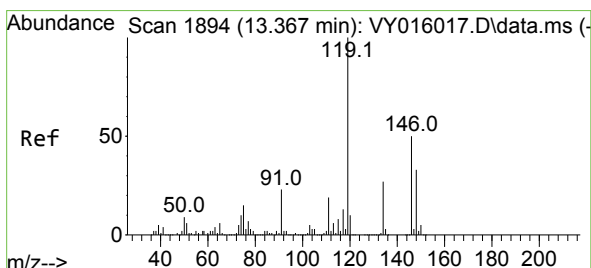
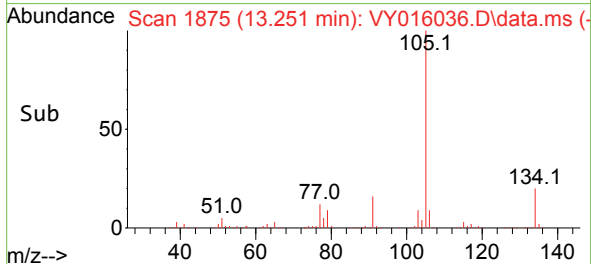
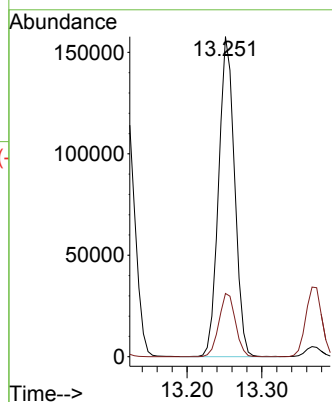
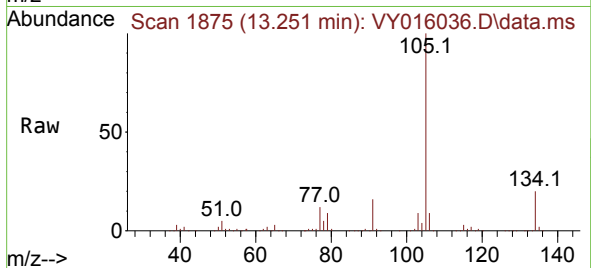
ClientSampleId :

Tgt Ion:105 Resp: 234625

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.168 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

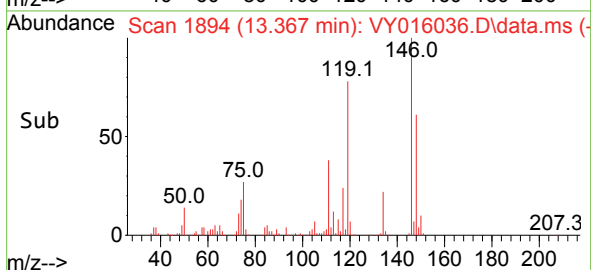
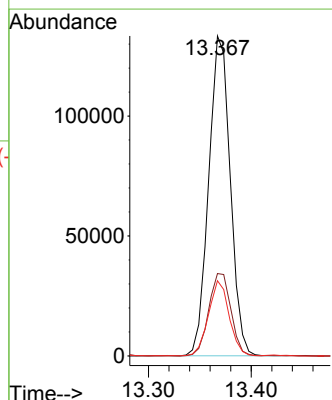
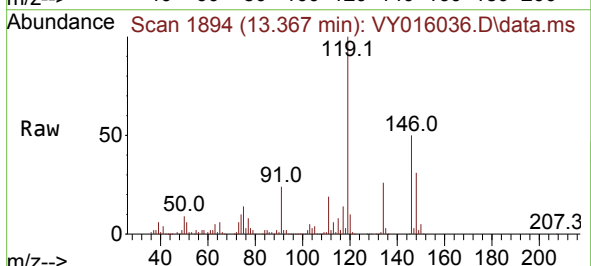
Tgt Ion:119 Resp: 193962

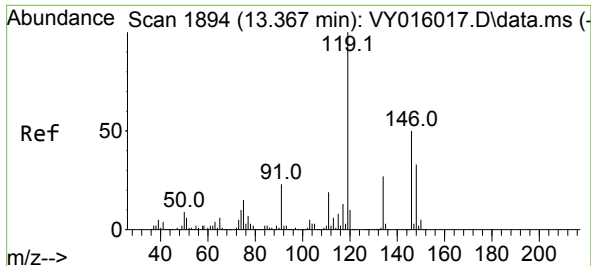
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.5 12.4 37.4

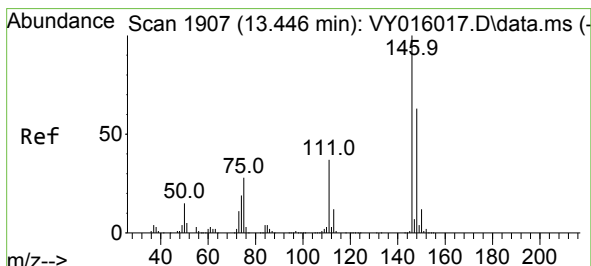
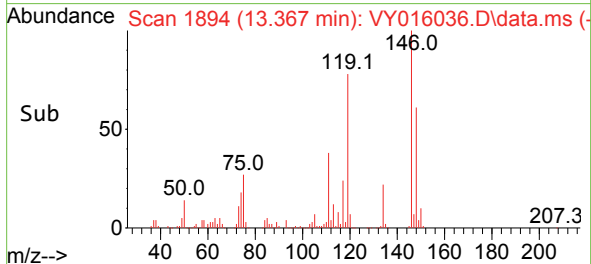
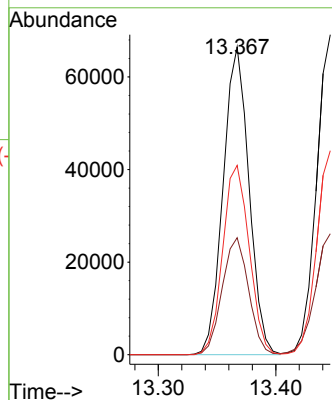
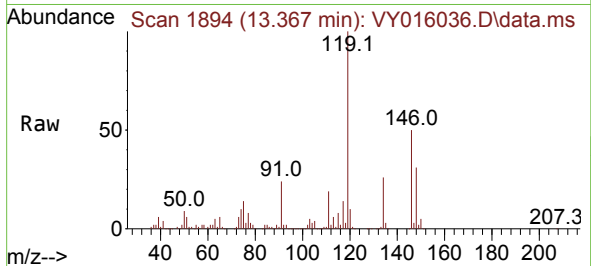




#87
1,3-Dichlorobenzene
Concen: 20.295 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

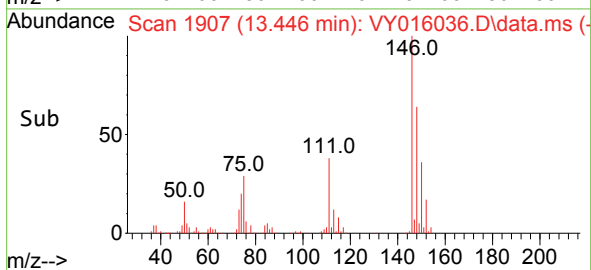
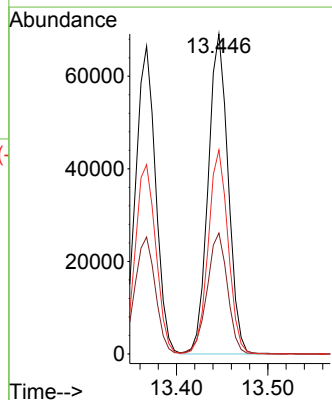
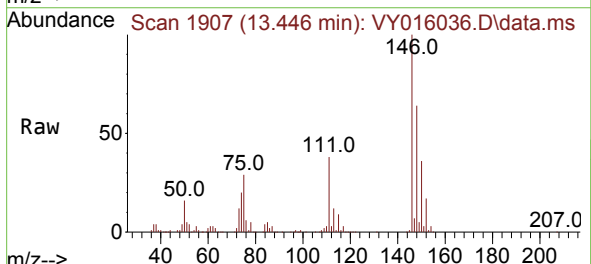
Instrument :
MSVOA_Y
ClientSampleId :

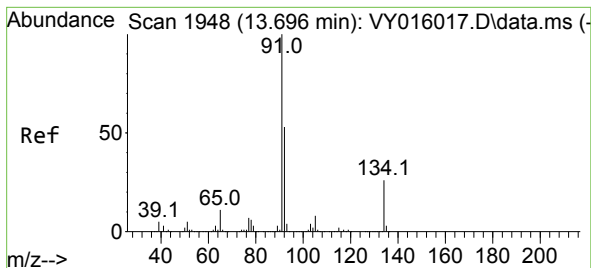
Tgt Ion:146 Resp: 101685
Ion Ratio Lower Upper
146 100
111 38.9 19.4 58.2
148 63.1 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.765 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion:146 Resp: 104751
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.183 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

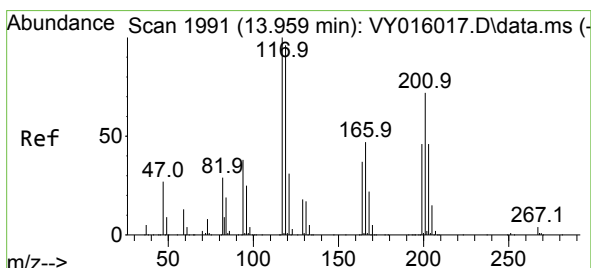
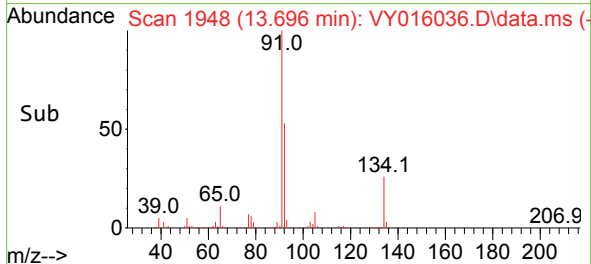
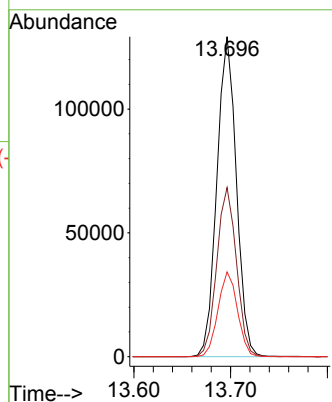
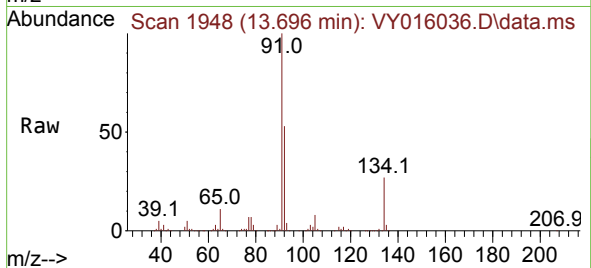
Tgt Ion: 91 Resp: 180706

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 20.155 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY016036.D

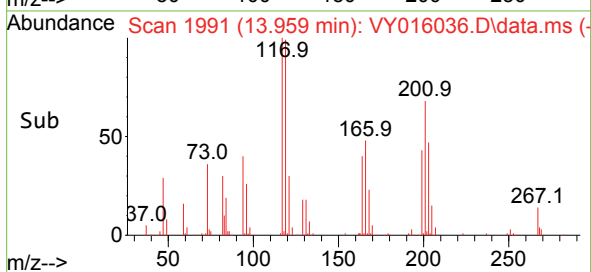
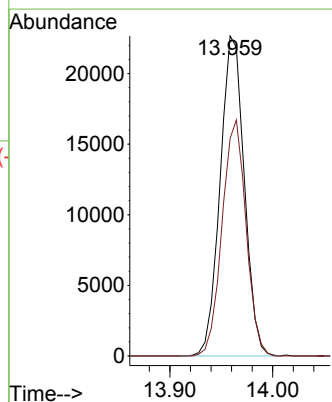
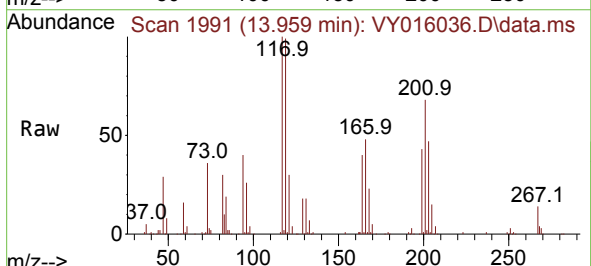
Acq: 19 Oct 2023 14:25

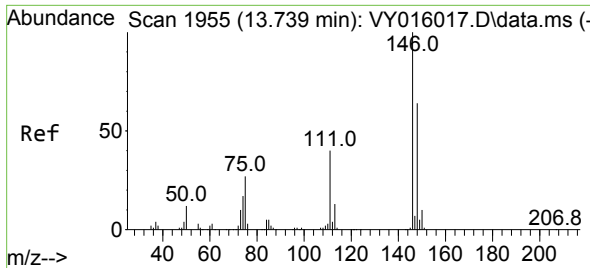
Tgt Ion: 117 Resp: 36952

Ion Ratio Lower Upper

117 100

201 73.1 41.6 124.8

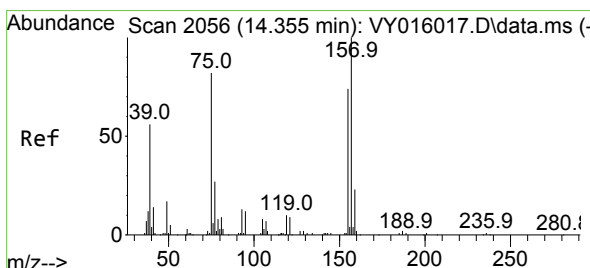
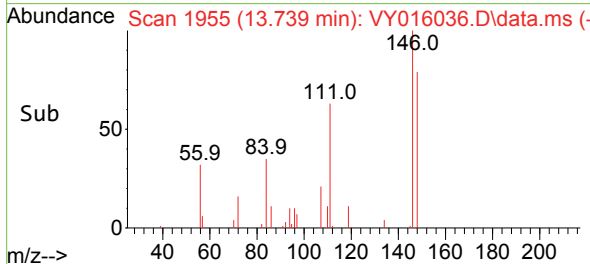
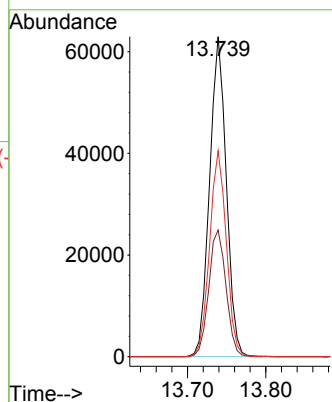
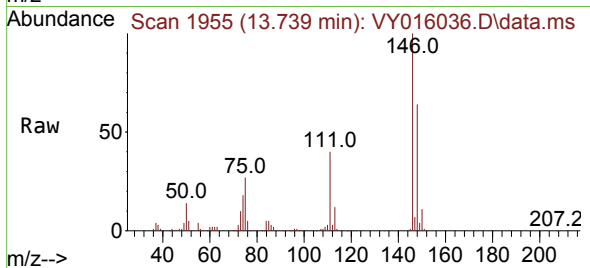




#91
1,2-Dichlorobenzene
Concen: 20.262 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

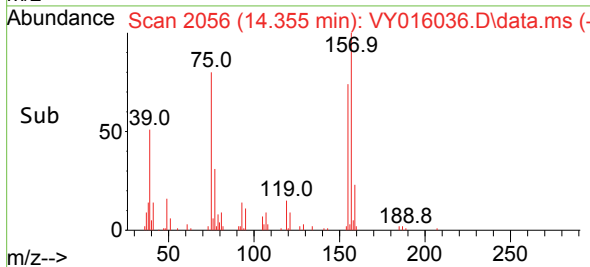
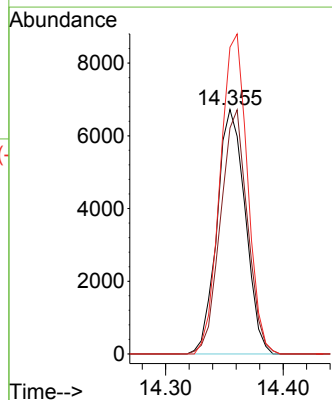
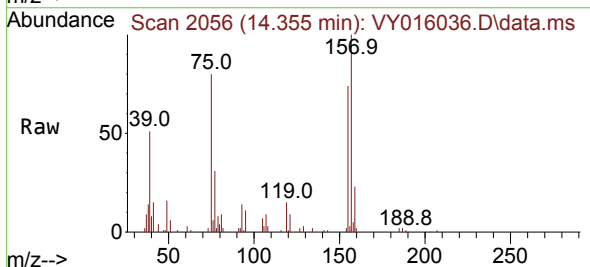
Instrument :
MSVOA_Y
ClientSampleId :

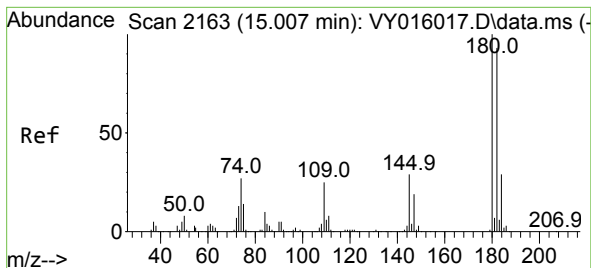
Tgt Ion:146 Resp: 93208
Ion Ratio Lower Upper
146 100
111 40.9 19.7 59.0
148 64.5 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.219 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY016036.D
Acq: 19 Oct 2023 14:25

Tgt Ion: 75 Resp: 11239
Ion Ratio Lower Upper
75 100
155 95.2 41.5 124.6
157 126.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.305 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

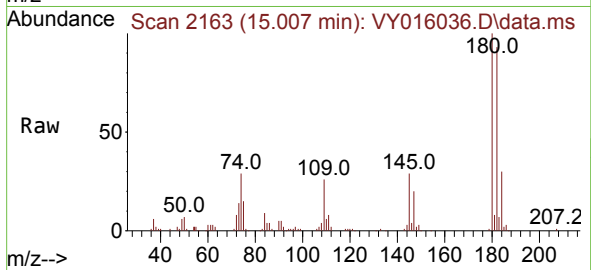
Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :



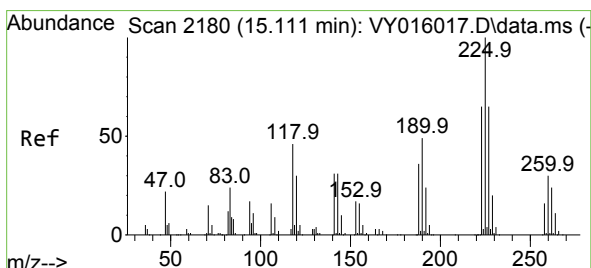
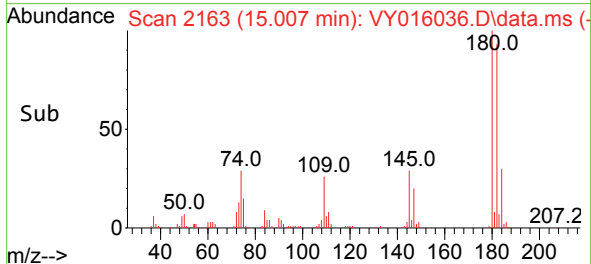
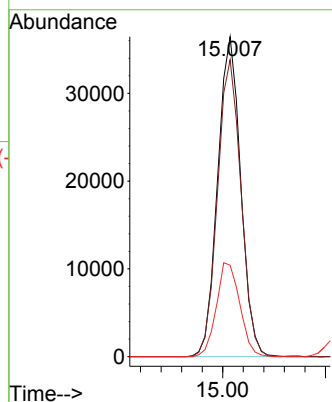
Tgt Ion:180 Resp: 56575

Ion Ratio Lower Upper

180 100

182 94.7 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.725 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

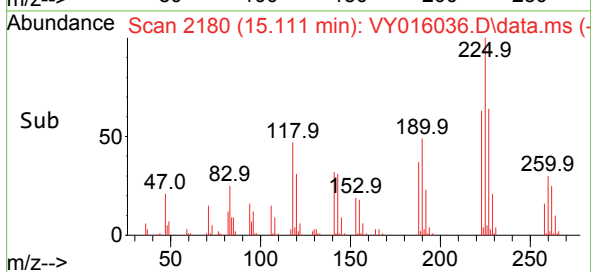
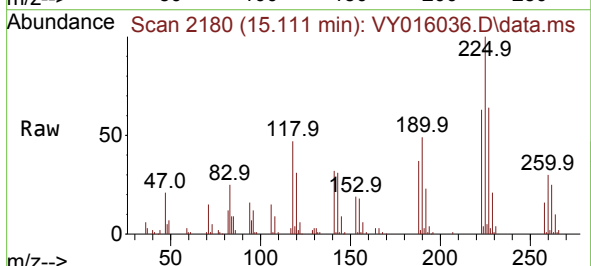
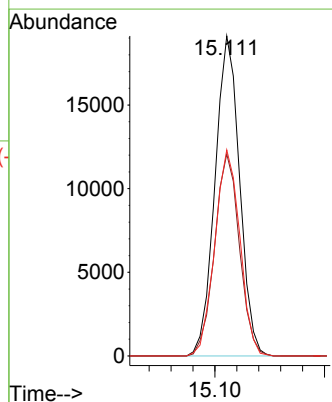
Tgt Ion:225 Resp: 29805

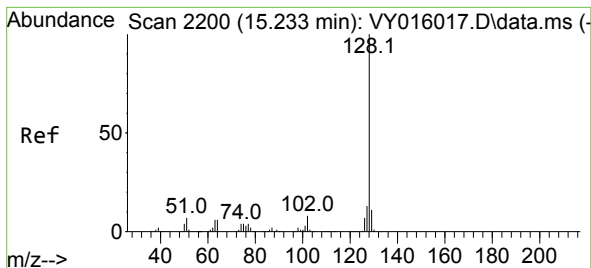
Ion Ratio Lower Upper

225 100

223 63.9 31.9 95.9

227 65.5 33.0 98.9





#95

Naphthalene

Concen: 20.192 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY016036.D

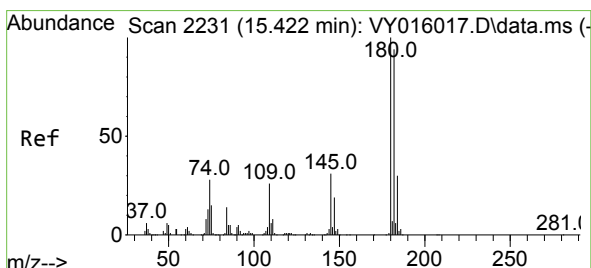
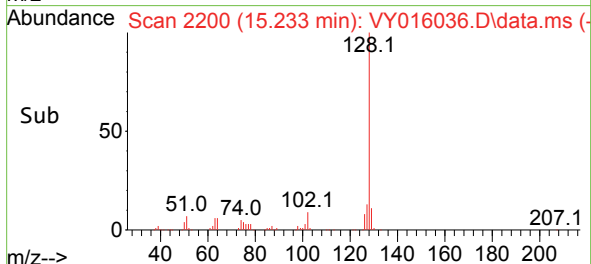
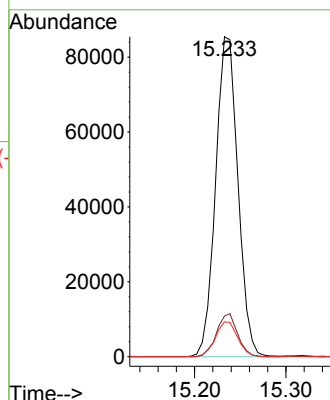
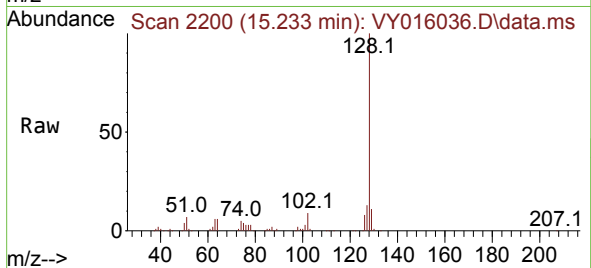
Acq: 19 Oct 2023 14:25

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	145236
Ion	Ratio	Lower Upper
128	100	
127	12.7	10.8 16.2
129	10.9	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.043 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016036.D

Acq: 19 Oct 2023 14:25

Tgt Ion:180	Resp:	50975
Ion	Ratio	Lower Upper
180	100	
182	96.2	47.3 141.8
145	32.1	15.4 46.2

