

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016077.D
 Acq On : 26 Oct 2023 12:22
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:57:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	201683	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	324636	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	287178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141887	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	42980	21.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	42.860%#
35) Dibromofluoromethane	7.716	113	43705	21.326	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.660%#
50) Toluene-d8	10.179	98	161628	21.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.580%#
62) 4-Bromofluorobenzene	12.477	95	54343	20.869	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	41.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28029	20.137	ug/l	98
3) Chloromethane	2.113	50	34875	20.447	ug/l	100
4) Vinyl Chloride	2.247	62	39256	20.147	ug/l	98
5) Bromomethane	2.631	94	29947	20.677	ug/l	92
6) Chloroethane	2.784	64	27378	20.513	ug/l	99
7) Trichlorofluoromethane	3.119	101	65128	20.887	ug/l	96
8) Diethyl Ether	3.528	74	21924	20.978	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.900	101	39282	20.883	ug/l	96
10) Methyl Iodide	4.088	142	49774	20.709	ug/l	96
11) Tert butyl alcohol	4.942	59	33597	139.287	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	36289	21.057	ug/l	90
13) Acrolein	3.723	56	27914	111.755	ug/l	98
14) Allyl chloride	4.473	41	56039	20.801	ug/l	92
15) Acrylonitrile	5.155	53	53783	104.901	ug/l	99
16) Acetone	3.948	43	57771	106.280	ug/l #	89
17) Carbon Disulfide	4.192	76	99629	20.899	ug/l	98
18) Methyl Acetate	4.473	43	39801	20.710	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	101151	20.581	ug/l	99
20) Methylene Chloride	4.710	84	50997	20.676	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	41786	20.917	ug/l	95
22) Diisopropyl ether	6.119	45	123267	20.925	ug/l	91
23) Vinyl Acetate	6.058	43	332718	105.415	ug/l #	95
24) 1,1-Dichloroethane	6.015	63	74231	20.916	ug/l	97
25) 2-Butanone	6.984	43	78579	107.109	ug/l	94
26) 2,2-Dichloropropane	6.978	77	66999	20.307	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	48590	20.711	ug/l	93
28) Bromochloromethane	7.332	49	30586	21.066	ug/l	93
29) Tetrahydrofuran	7.344	42	45153	107.269	ug/l	92
30) Chloroform	7.503	83	78877	21.039	ug/l	98
31) Cyclohexane	7.783	56	64305	20.382	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	70456	20.951	ug/l	98
36) 1,1-Dichloropropene	7.917	75	58878	20.610	ug/l	99
37) Ethyl Acetate	7.070	43	31114	21.249	ug/l #	95
38) Carbon Tetrachloride	7.899	117	62389	20.652	ug/l	96
39) Methylcyclohexane	9.179	83	71596	20.572	ug/l	95
40) Benzene	8.161	78	168694	20.857	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	42867	55.939	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	49380	21.129	ug/l	93
43) Isopropyl Acetate	8.271	43	57402	20.967	ug/l	93
44) Trichloroethene	8.935	130	47895	21.207	ug/l	97
45) 1,2-Dichloropropane	9.216	63	42669	20.844	ug/l	97
46) Dibromomethane	9.301	93	25651	21.371	ug/l	97
47) Bromodichloromethane	9.496	83	61105	21.050	ug/l	99
48) Methyl methacrylate	9.289	41	26181	20.757	ug/l	87
49) 1,4-Dioxane	9.295	88	6619	440.769	ug/l #	65
51) 4-Methyl-2-Pentanone	10.069	43	156047	108.019	ug/l	93
52) Toluene	10.240	92	108337	20.859	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	62030	20.897	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	69967	20.843	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	36301	21.286	ug/l	96
56) Ethyl methacrylate	10.508	69	46099	21.034	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	60135	21.095	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	120852	110.764	ug/l	94
59) 2-Hexanone	10.831	43	115712	108.736	ug/l	89
60) Dibromochloromethane	10.984	129	43701	20.926	ug/l	98
61) 1,2-Dibromoethane	11.087	107	34693	21.245	ug/l	97
64) Tetrachloroethene	10.721	164	39917	21.004	ug/l	94
65) Chlorobenzene	11.514	112	120326	21.321	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	43740	20.754	ug/l	96
67) Ethyl Benzene	11.593	91	209747	20.924	ug/l	98
68) m/p-Xylenes	11.703	106	164522	42.411	ug/l	95
69) o-Xylene	12.026	106	78457	21.126	ug/l	94
70) Styrene	12.044	104	130942	21.152	ug/l	96
71) Bromoform	12.209	173	26786	20.865	ug/l #	99
73) Isopropylbenzene	12.331	105	207825	20.813	ug/l	100
74) N-amyl acetate	12.142	43	50776	20.854	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	42923	21.028	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	53378	36.596	ug/l #	100
77) Bromobenzene	12.605	156	48857	20.965	ug/l	97
78) n-propylbenzene	12.672	91	253260	20.947	ug/l	100
79) 2-Chlorotoluene	12.758	91	141215	20.855	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	173684	20.950	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	13741	20.613	ug/l	95
82) 4-Chlorotoluene	12.855	91	146739	20.896	ug/l	99
83) tert-Butylbenzene	13.075	119	154413	20.954	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	171941	20.999	ug/l	99
85) sec-Butylbenzene	13.251	105	228356	20.805	ug/l	99
86) p-Isopropyltoluene	13.367	119	191360	20.894	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	98044	20.835	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	97025	20.862	ug/l	99
89) n-Butylbenzene	13.697	91	177976	20.832	ug/l	97
90) Hexachloroethane	13.959	117	36601	20.527	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	87005	20.883	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6846	21.363	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	51433	19.954	ug/l	97
94) Hexachlorobutadiene	15.111	225	31080	20.775	ug/l	97
95) Naphthalene	15.233	128	99971	19.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	44226	19.896	ug/l	97

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ClientSampleId :

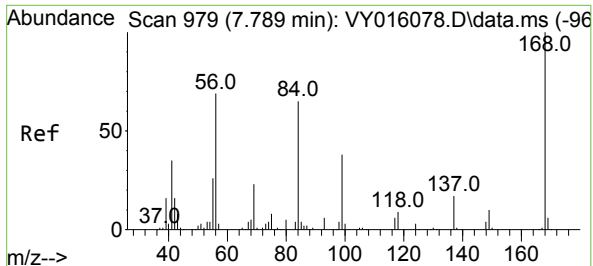
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QLast Update : Fri Oct 27 03:53:49 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

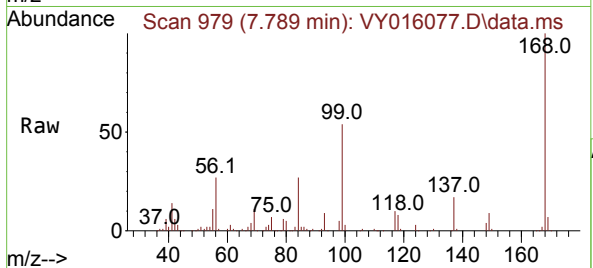
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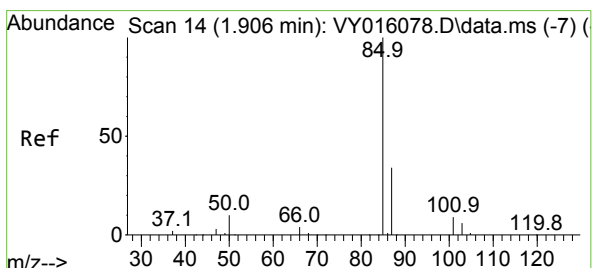
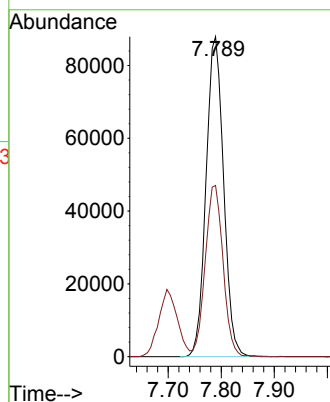
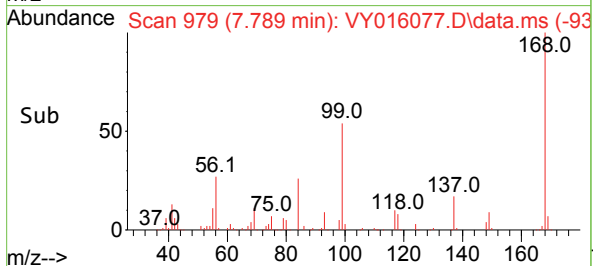


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016077.D
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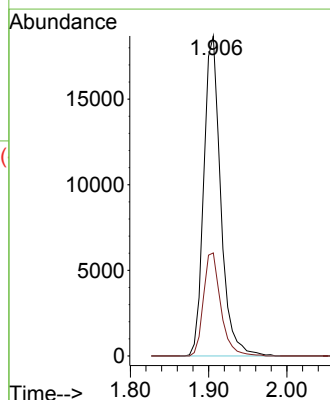
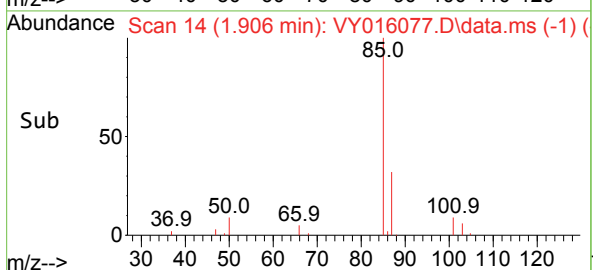
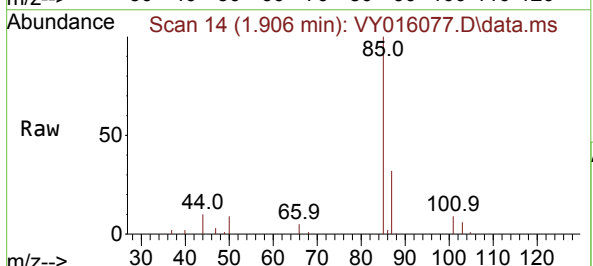


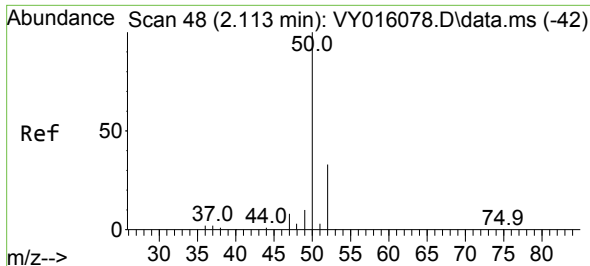
Tgt Ion:168 Resp: 201683
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.137 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 85 Resp: 28029
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8

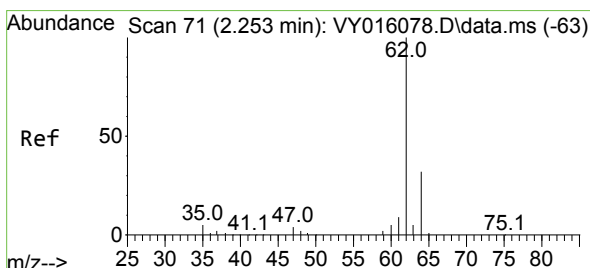
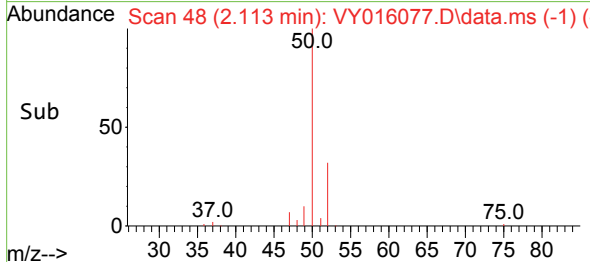
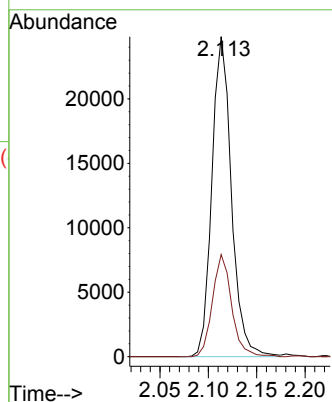
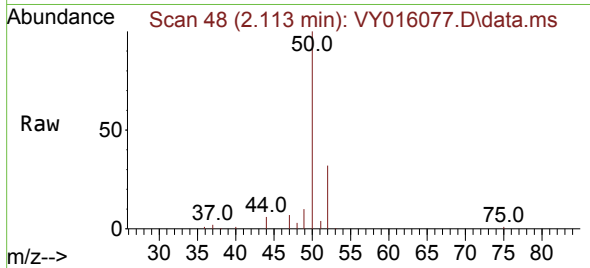




#3
Chloromethane
Concen: 20.447 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

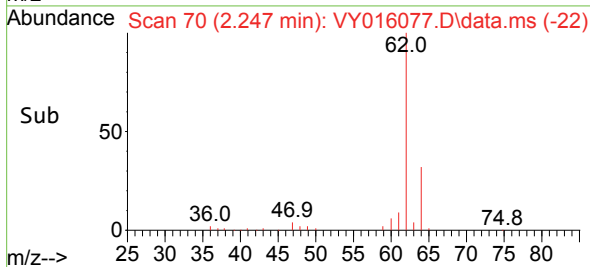
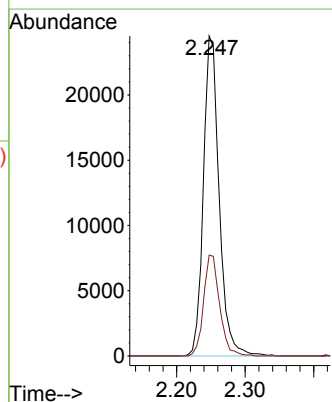
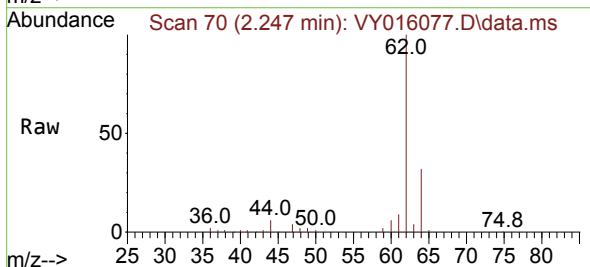
Instrument :
MSVOA_Y
ClientSampleId :

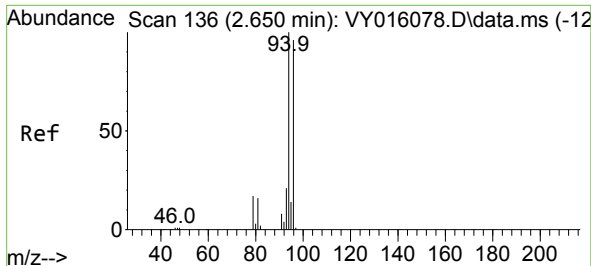
Tgt Ion: 50 Resp: 34875
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 20.147 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 62 Resp: 39256
Ion Ratio Lower Upper
62 100
64 31.5 24.3 36.5





#5

Bromomethane

Concen: 20.677 ug/l

RT: 2.631 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

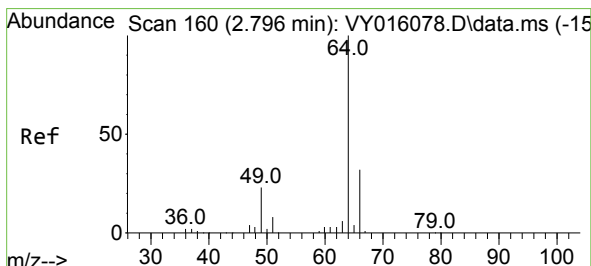
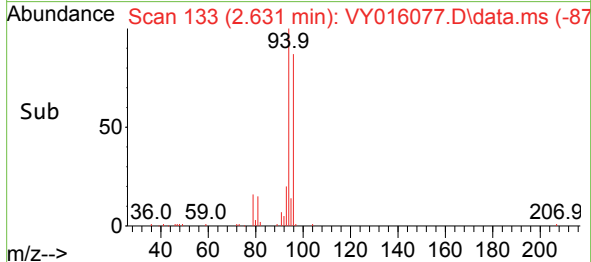
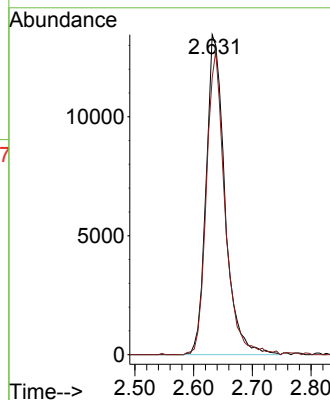
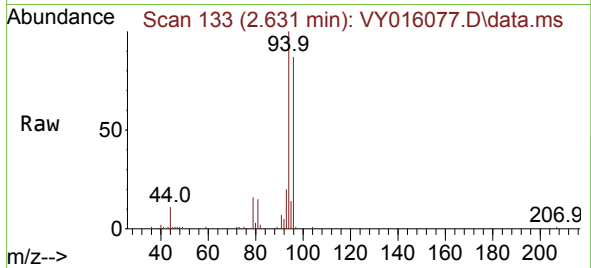
ClientSampleId :

Tgt Ion: 94 Resp: 29947

Ion Ratio Lower Upper

94 100

96 86.6 75.8 113.6



#6

Chloroethane

Concen: 20.513 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.012 min

Lab File: VY016077.D

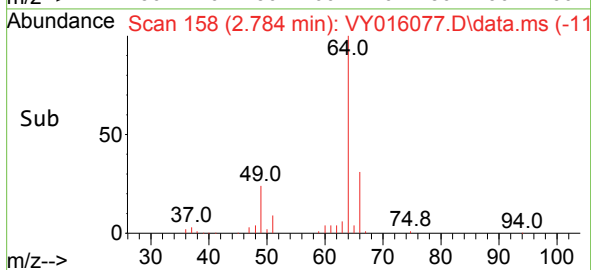
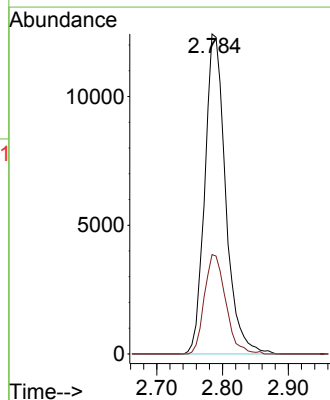
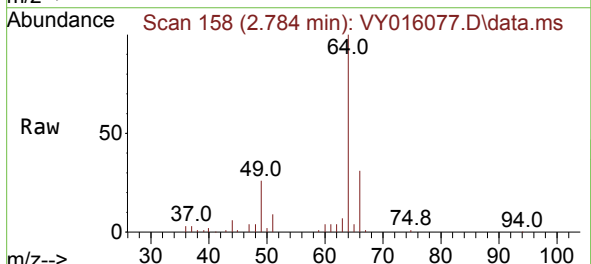
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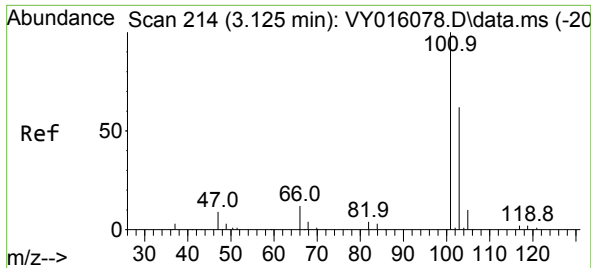
Tgt Ion: 64 Resp: 27378

Ion Ratio Lower Upper

64 100

66 31.1 24.4 36.6

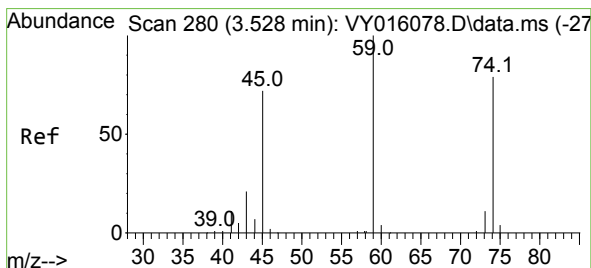
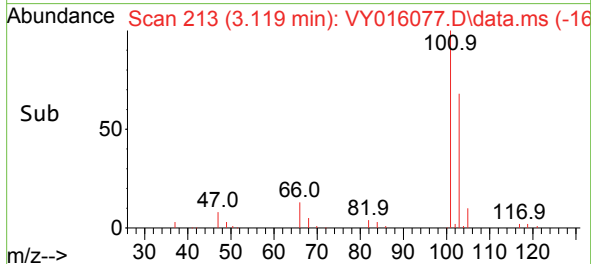
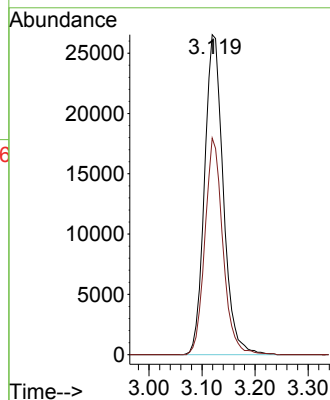
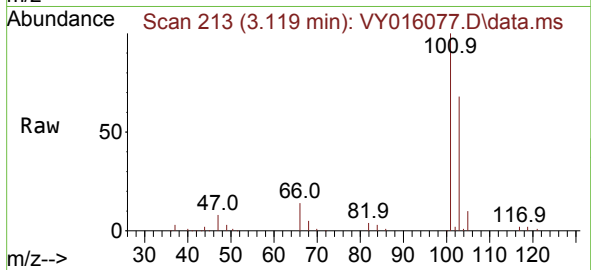




#7
Trichlorofluoromethane
Concen: 20.887 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

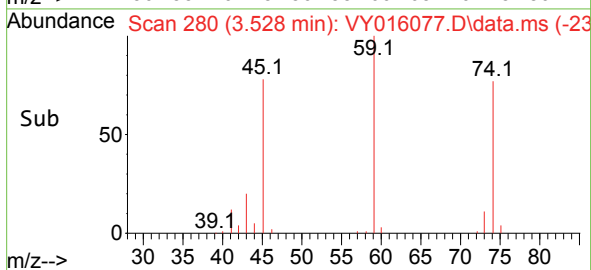
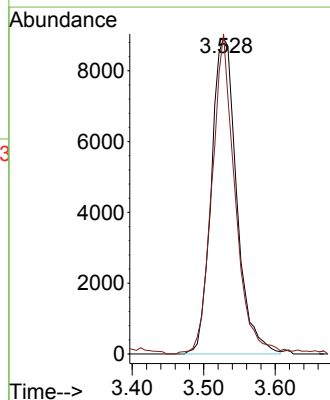
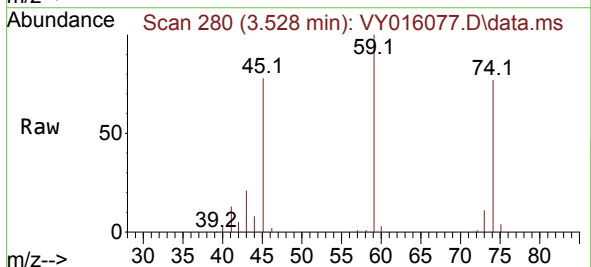
Instrument :
MSVOA_Y
ClientSampleId :

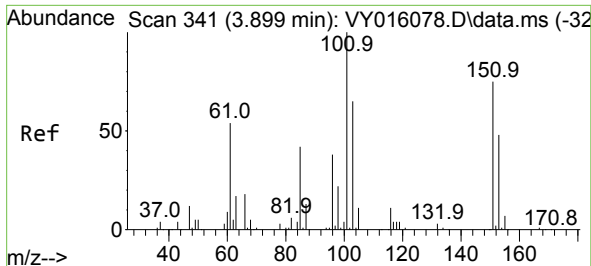
Tgt Ion:101 Resp: 65128
Ion Ratio Lower Upper
101 100
103 67.7 51.4 77.0



#8
Diethyl Ether
Concen: 20.978 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 74 Resp: 21924
Ion Ratio Lower Upper
74 100
45 92.7 51.5 154.5

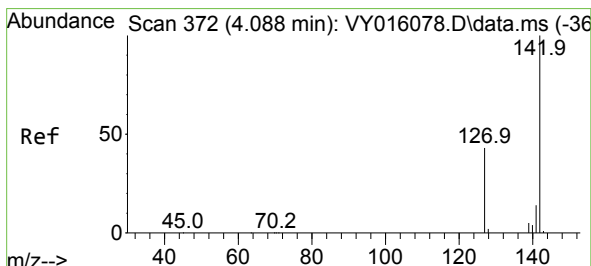
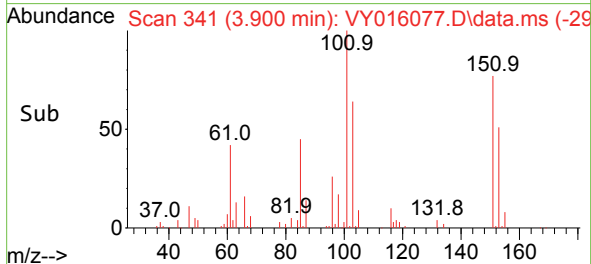
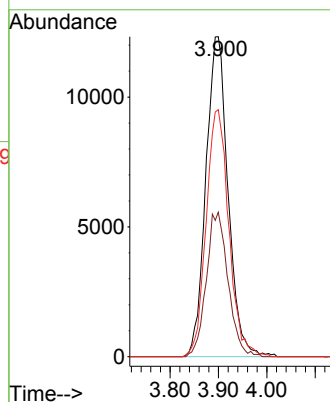
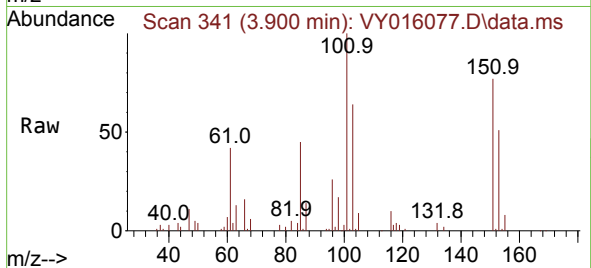




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.883 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016077.D
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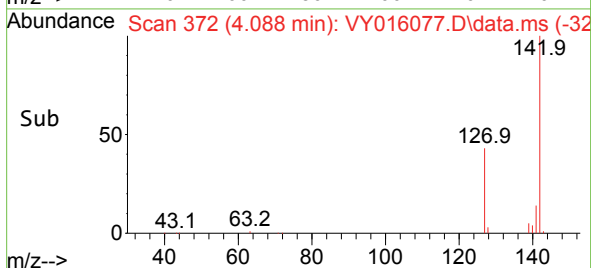
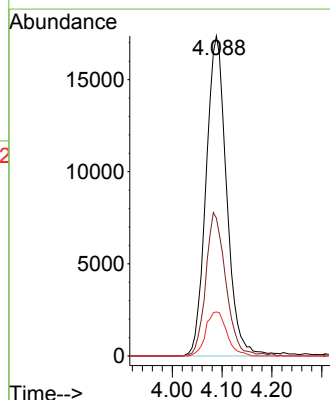
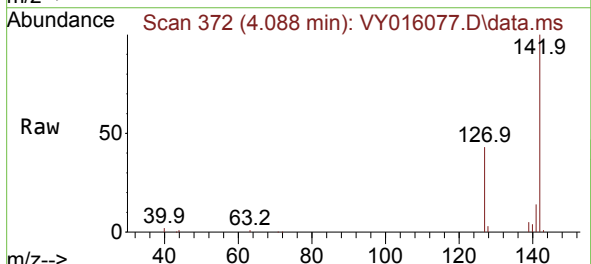
Instrument :
MSVOA_Y
ClientSampleId :

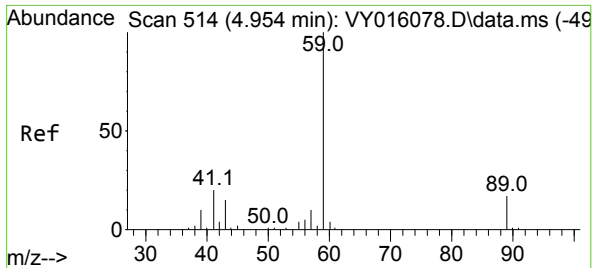
Tgt Ion:101 Resp: 39282
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 20.709 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:142 Resp: 49774
Ion Ratio Lower Upper
142 100
127 43.9 37.6 56.4
141 14.1 11.8 17.8

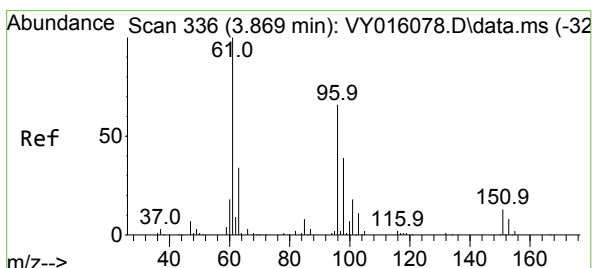
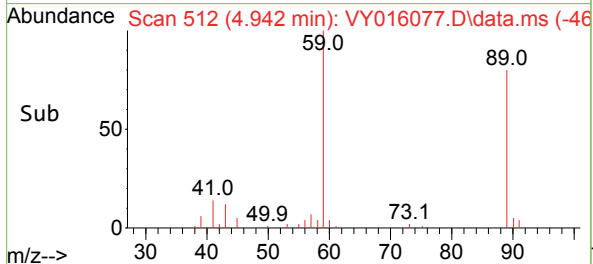
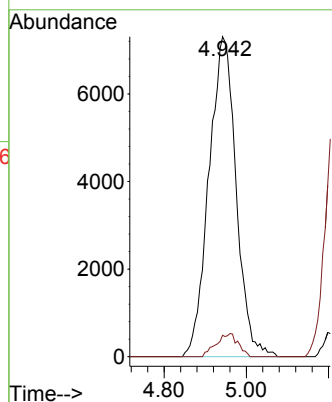
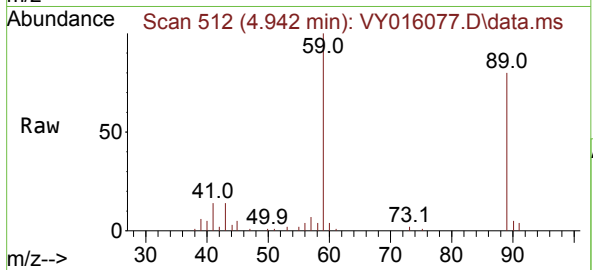




#11
Tert butyl alcohol
Concen: 139.287 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

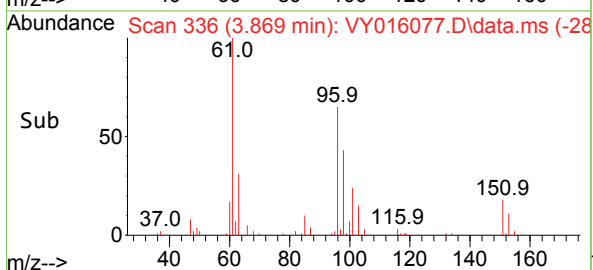
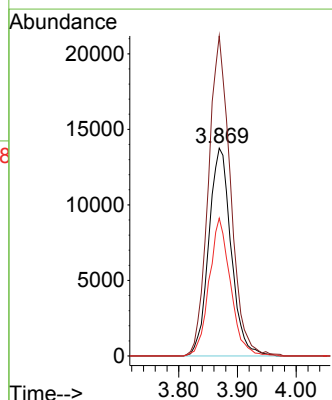
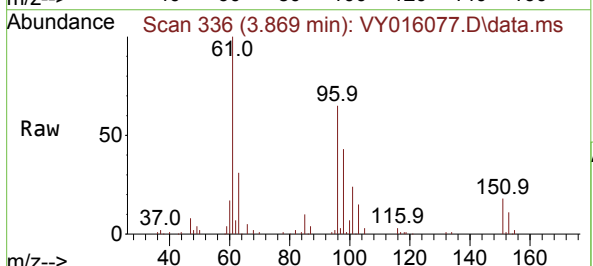
Instrument :
MSVOA_Y
ClientSampleId :

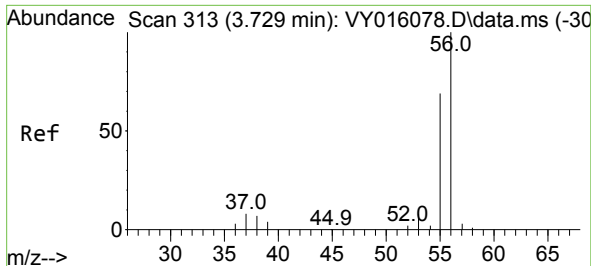
Tgt Ion: 59 Resp: 33597
Ion Ratio Lower Upper
59 100
57 5.8 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.057 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

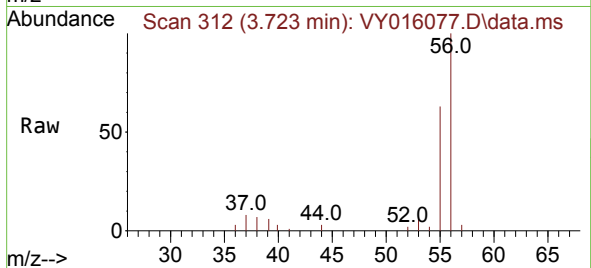
Tgt Ion: 96 Resp: 36289
Ion Ratio Lower Upper
96 100
61 154.0 136.4 204.6
98 66.3 49.4 74.2



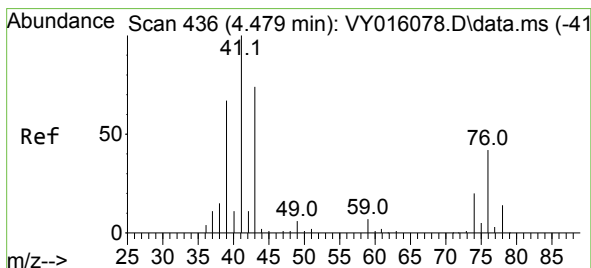
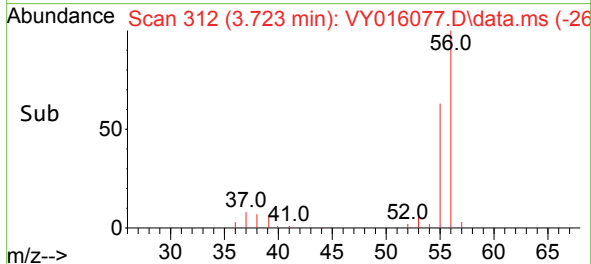
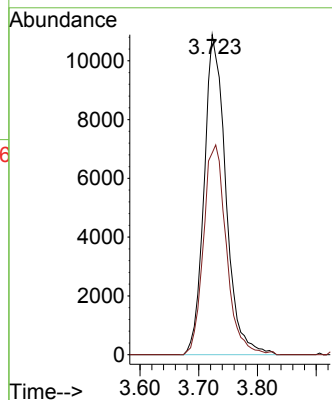


#13
Acrolein
Concen: 111.755 ug/l
RT: 3.723 min Scan# 313
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :

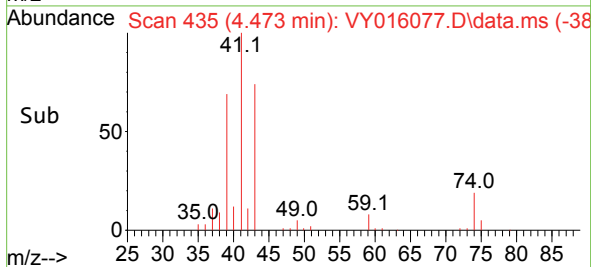
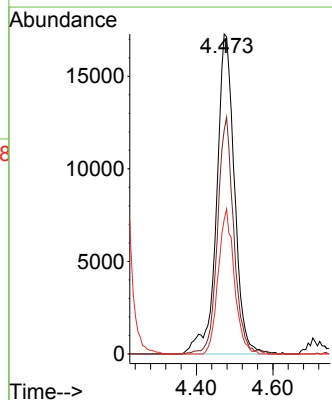
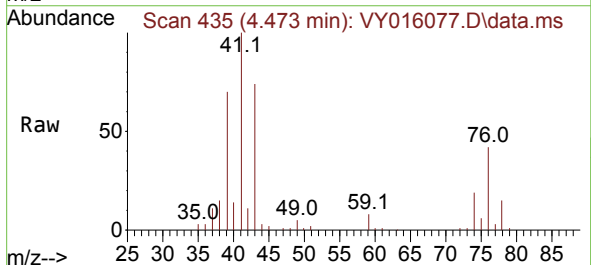


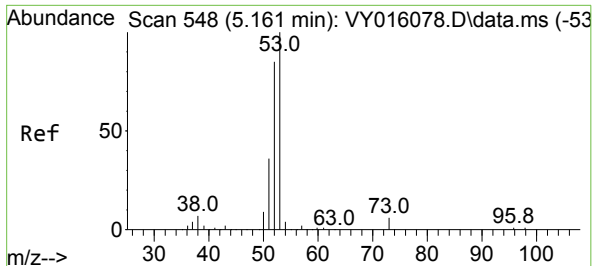
Tgt Ion: 56 Resp: 27914
Ion Ratio Lower Upper
56 100
55 69.2 57.0 85.4



#14
Allyl chloride
Concen: 20.801 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

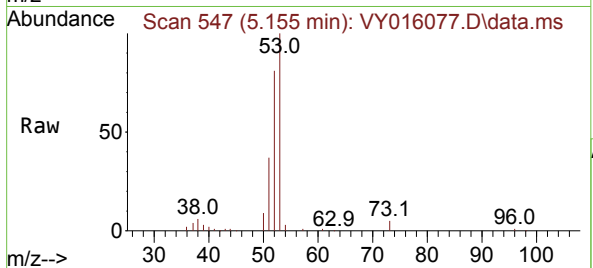
Tgt Ion: 41 Resp: 56039
Ion Ratio Lower Upper
41 100
39 67.2 58.0 87.0
76 40.6 27.4 41.2



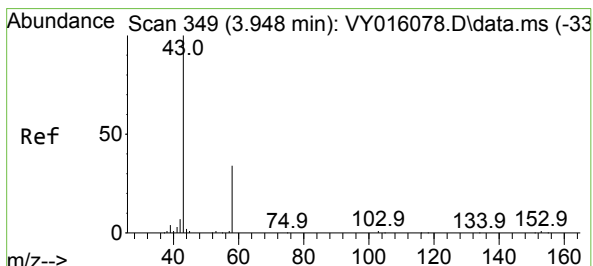
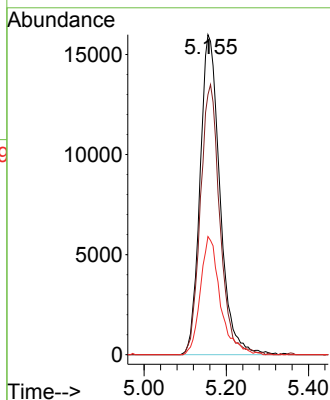
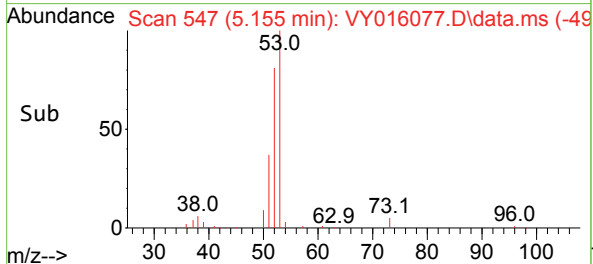


#15
Acrylonitrile
Concen: 104.901 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :

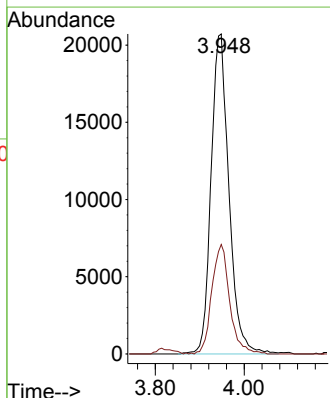
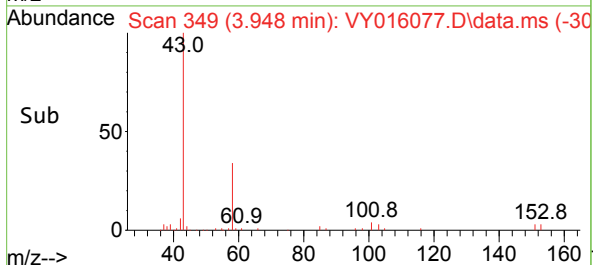
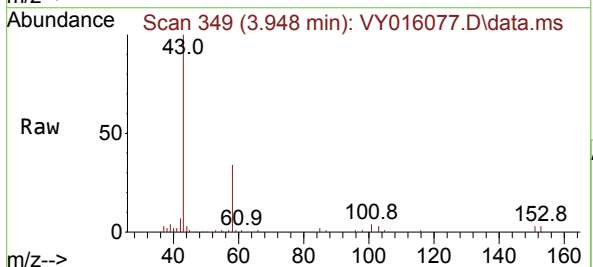


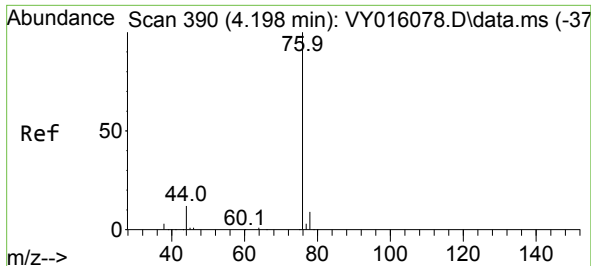
Tgt Ion: 53 Resp: 53783
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 37.0 29.8 44.6



#16
Acetone
Concen: 106.280 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 43 Resp: 57771
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#





#17

Carbon Disulfide

Concen: 20.899 ug/l

RT: 4.192 min Scan# 390

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

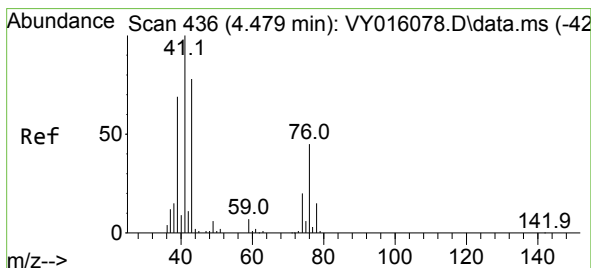
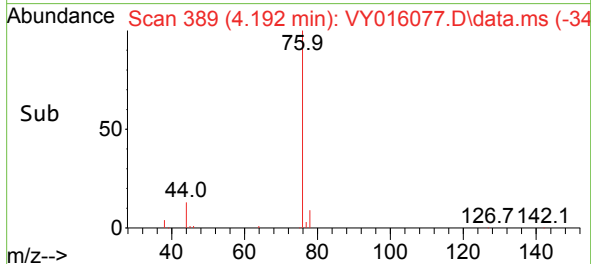
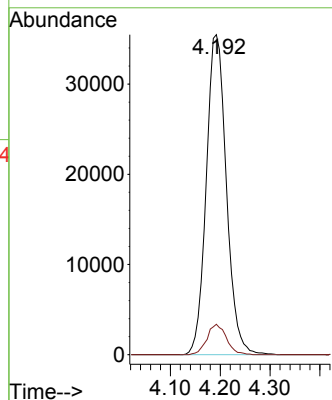
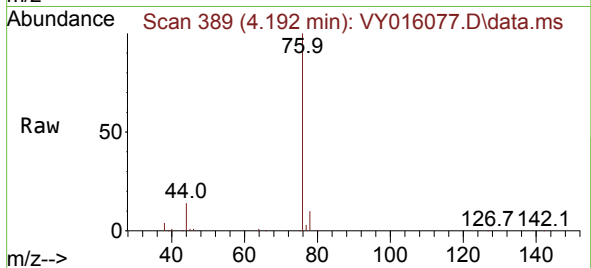
ClientSampleId :

Tgt Ion: 76 Resp: 99629

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 20.710 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016077.D

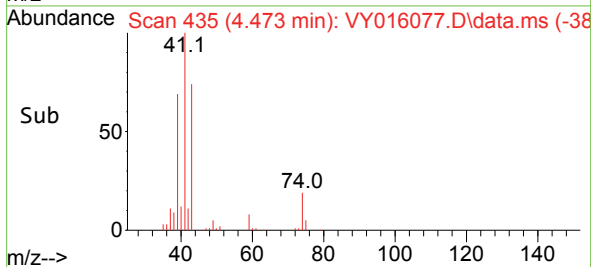
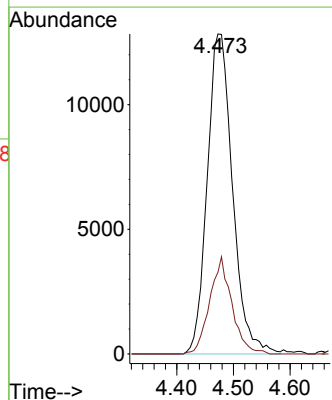
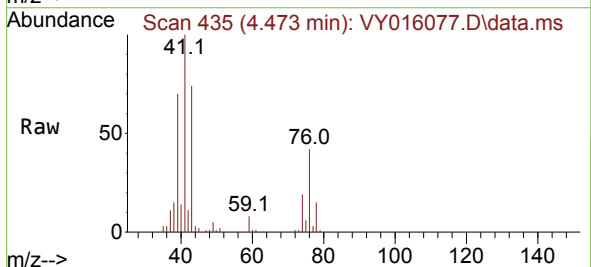
Acq: 26 Oct 2023 12:22

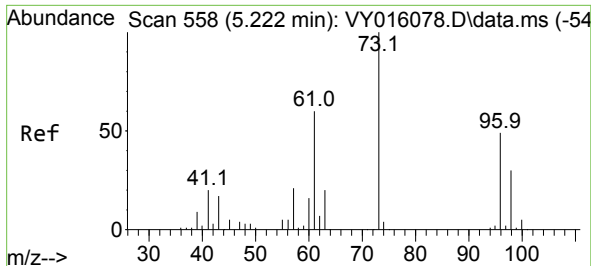
Tgt Ion: 43 Resp: 39801

Ion Ratio Lower Upper

43 100

74 26.5 17.4 26.0#





#19

Methyl tert-butyl Ether

Concen: 20.581 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

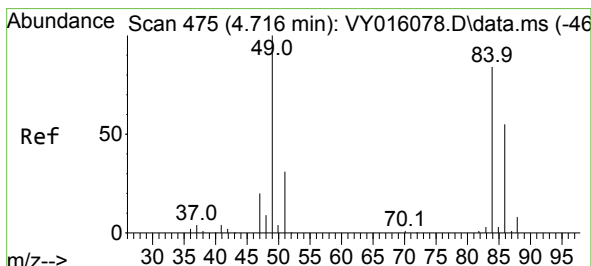
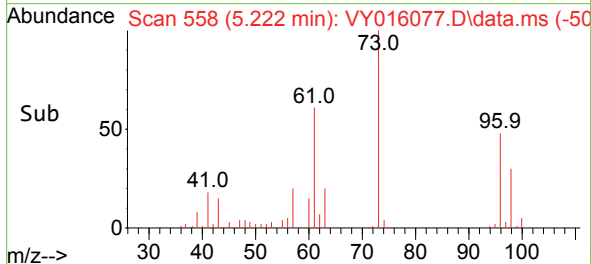
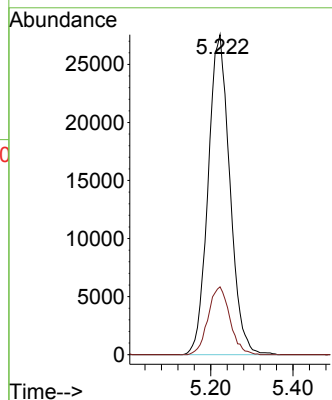
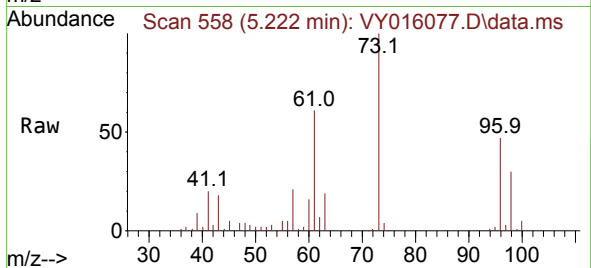
ClientSampleId :

Tgt Ion: 73 Resp: 101151

Ion Ratio Lower Upper

73 100

57 21.2 17.3 25.9



#20

Methylene Chloride

Concen: 20.676 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion: 84 Resp: 50997

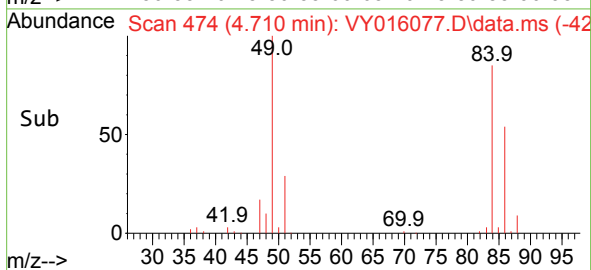
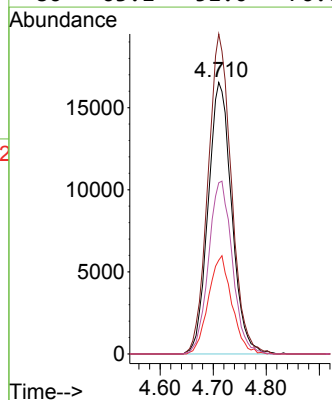
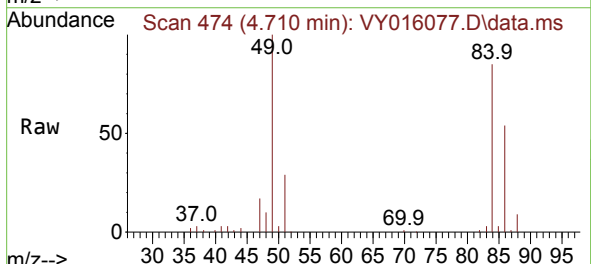
Ion Ratio Lower Upper

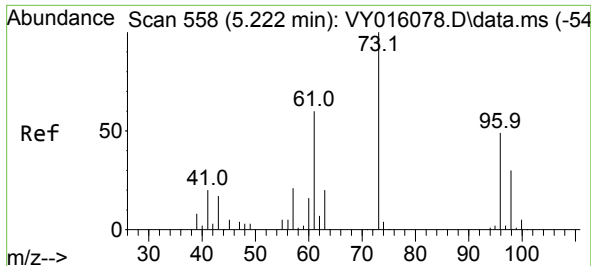
84 100

49 117.9 106.9 160.3

51 34.5 33.2 49.8

86 63.1 51.0 76.6

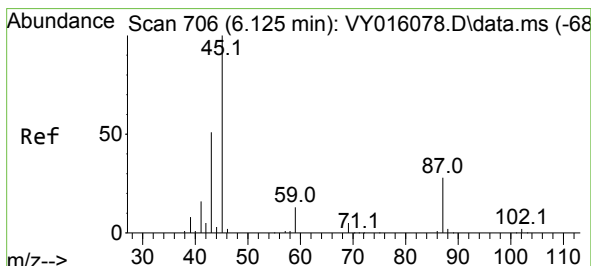
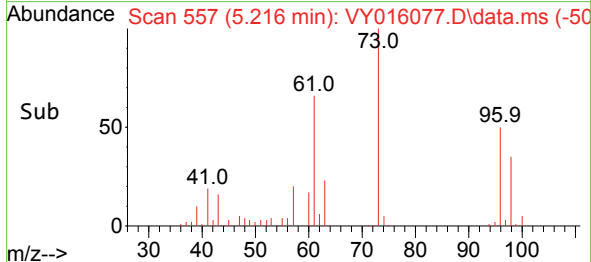
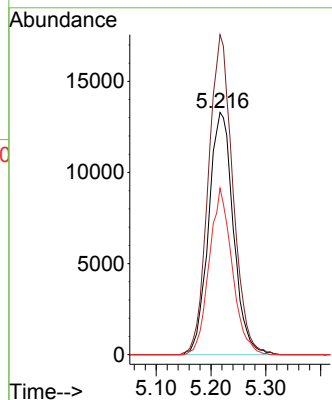
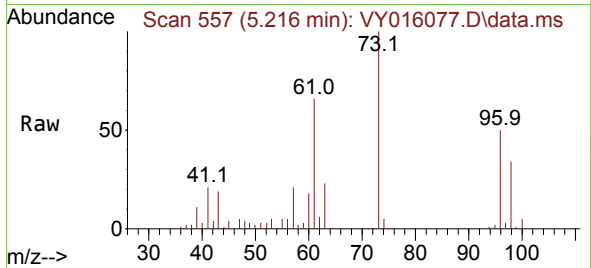




#21
trans-1,2-Dichloroethene
Concen: 20.917 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

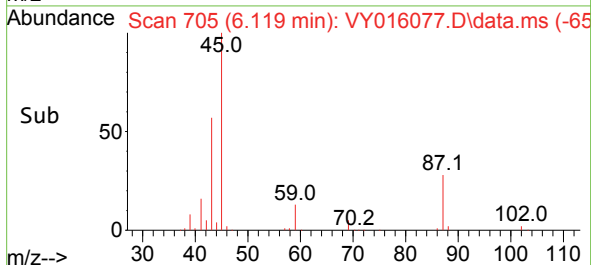
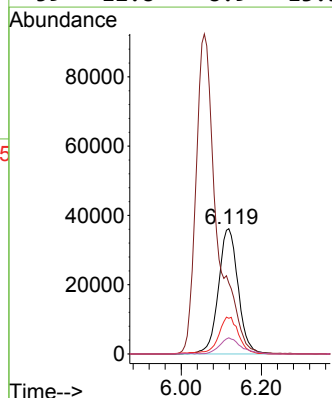
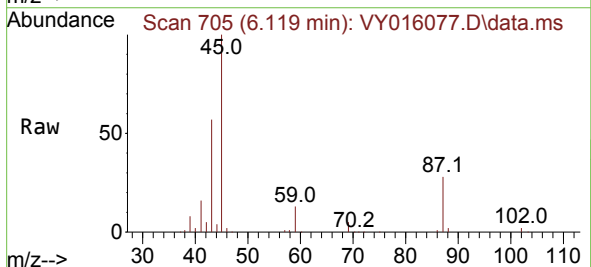
Instrument :
MSVOA_Y
ClientSampleId :

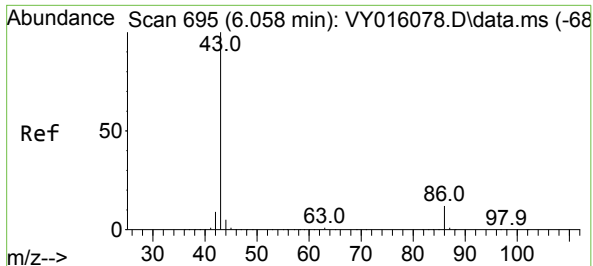
Tgt Ion: 96 Resp: 41786
Ion Ratio Lower Upper
96 100
61 132.1 110.2 165.4
98 68.7 51.8 77.6



#22
Diisopropyl ether
Concen: 20.925 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 45 Resp: 123267
Ion Ratio Lower Upper
45 100
43 56.0 52.2 78.4
87 28.4 21.0 31.6
59 12.8 8.9 13.3





#23

Vinyl Acetate

Concen: 105.415 ug/l

RT: 6.058 min Scan# 695

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

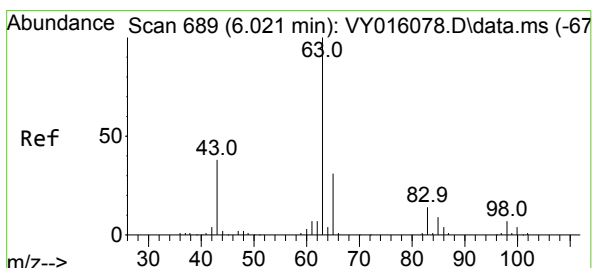
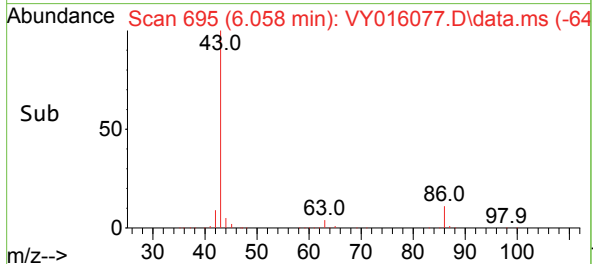
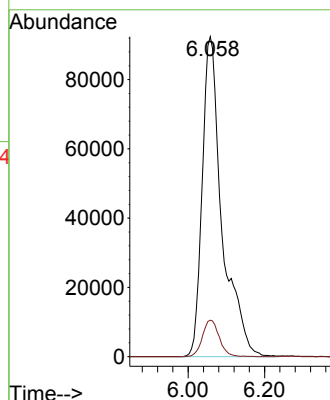
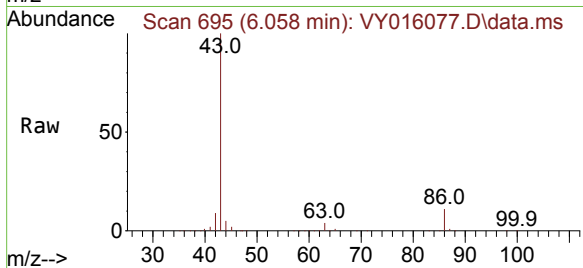
ClientSampleId :

Tgt Ion: 43 Resp: 332718

Ion Ratio Lower Upper

43 100

86 11.4 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 20.916 ug/l

RT: 6.015 min Scan# 688

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

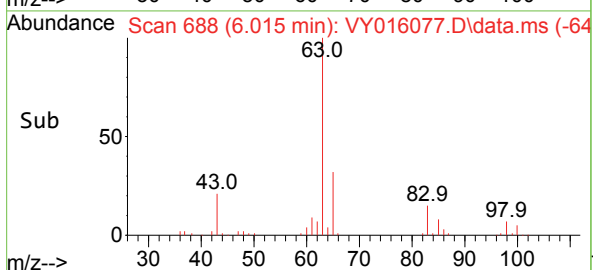
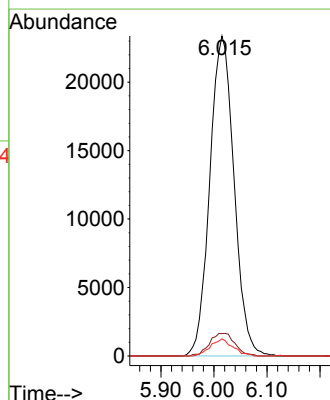
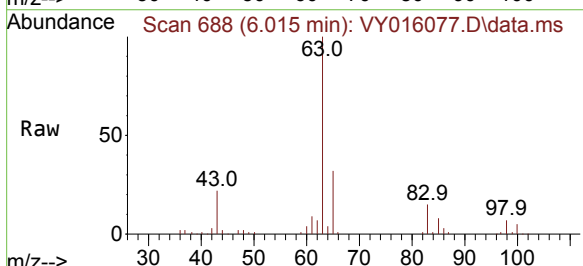
Tgt Ion: 63 Resp: 74231

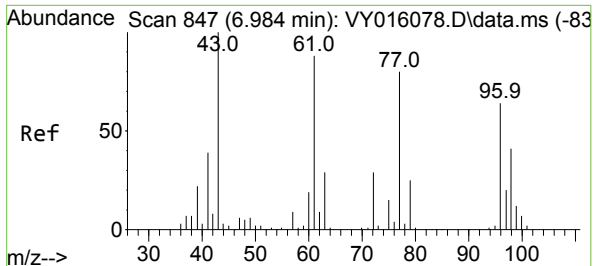
Ion Ratio Lower Upper

63 100

98 7.0 3.1 9.4

100 5.3 1.8 5.5





#25

2-Butanone

Concen: 107.109 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

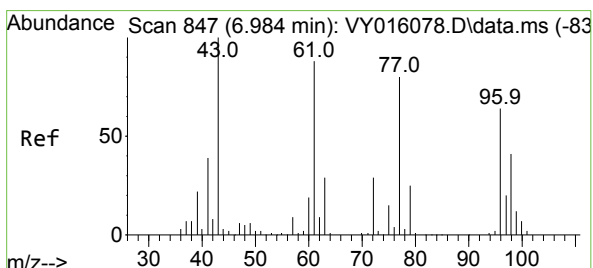
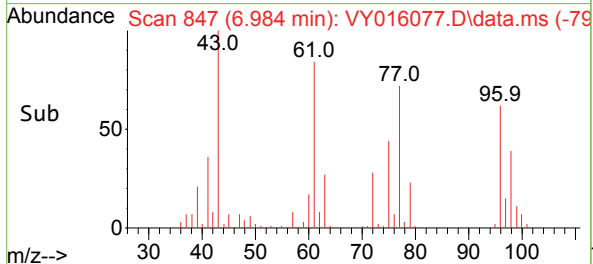
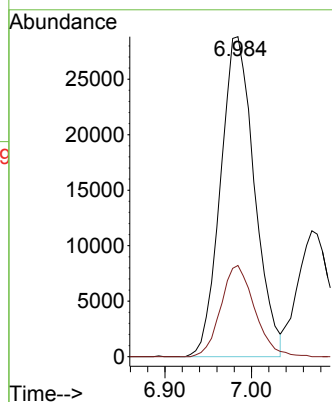
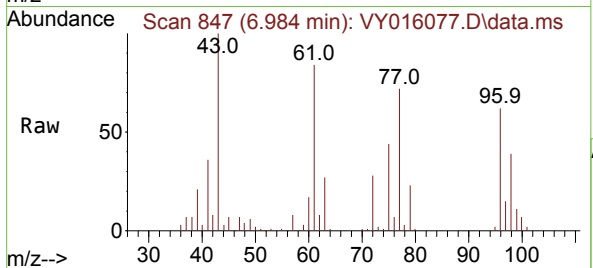
ClientSampleId :

Tgt Ion: 43 Resp: 78579

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.307 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016077.D

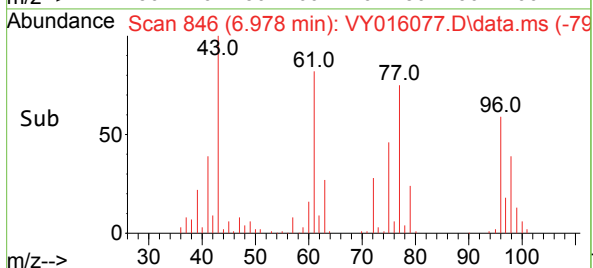
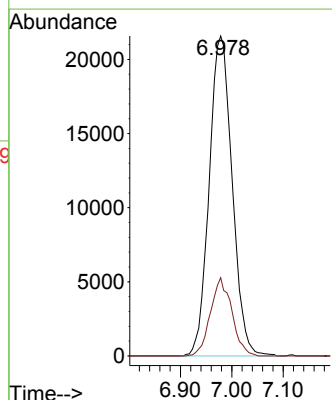
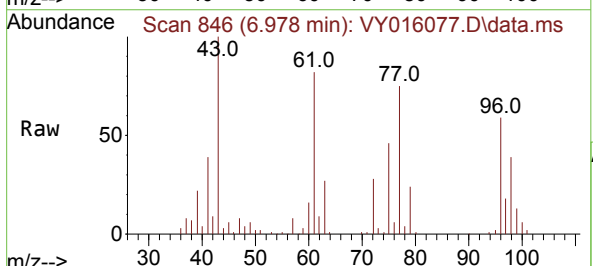
Acq: 26 Oct 2023 12:22

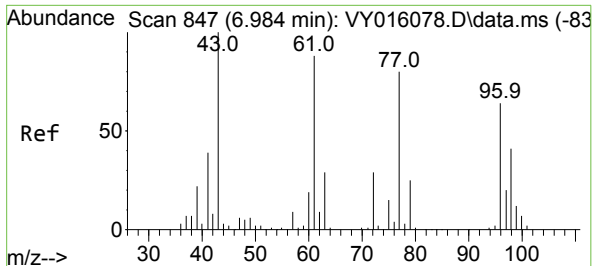
Tgt Ion: 77 Resp: 66999

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.711 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

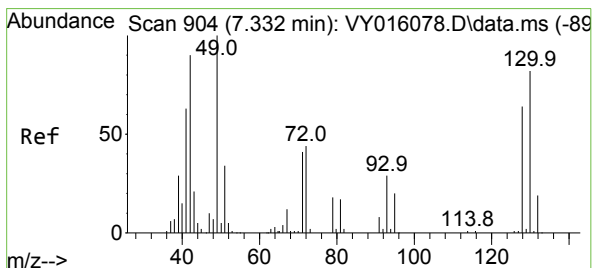
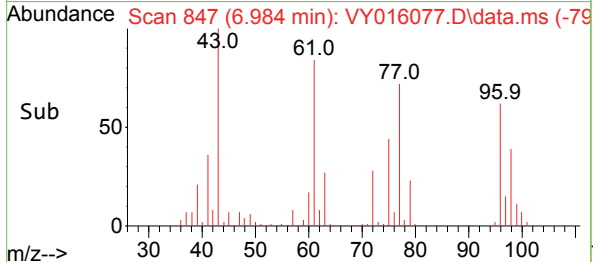
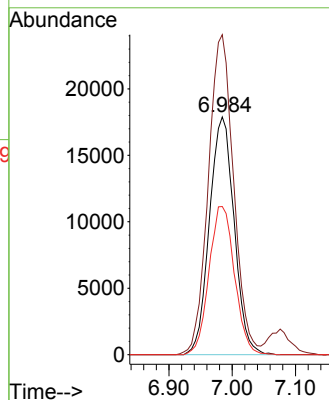
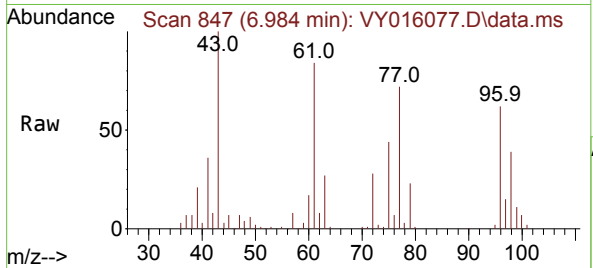
Tgt Ion: 96 Resp: 48590

Ion Ratio Lower Upper

96 100

61 137.9 0.0 301.4

98 64.3 0.0 130.4



#28

Bromochloromethane

Concen: 21.066 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

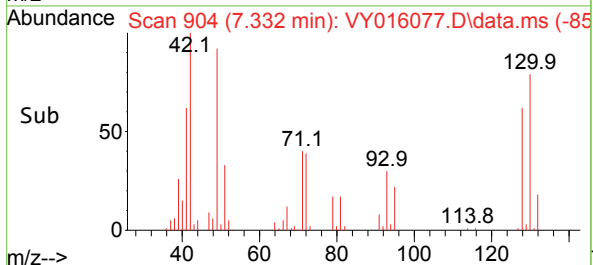
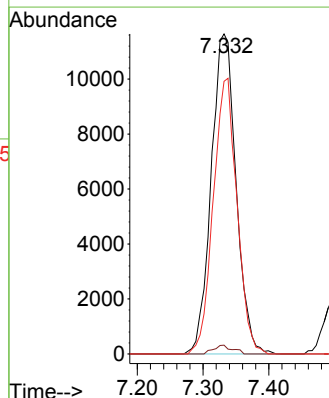
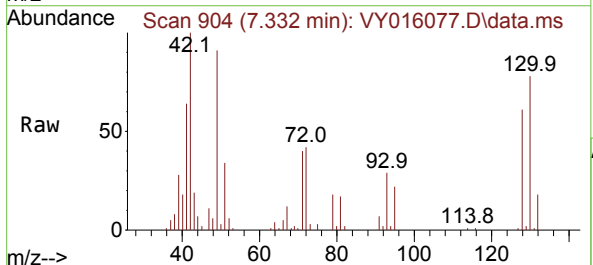
Tgt Ion: 49 Resp: 30586

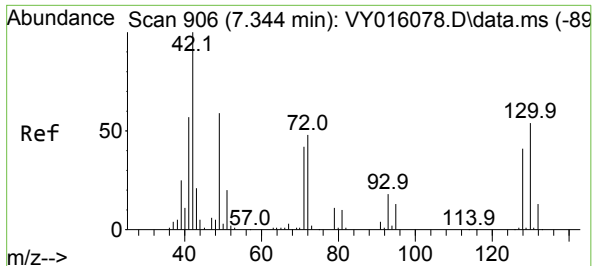
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 82.2 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.269 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

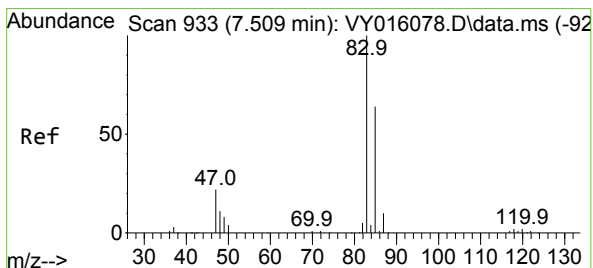
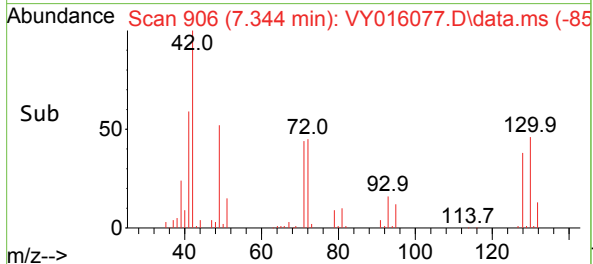
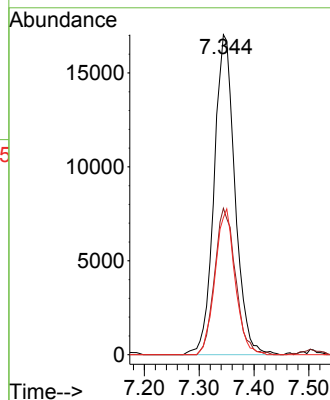
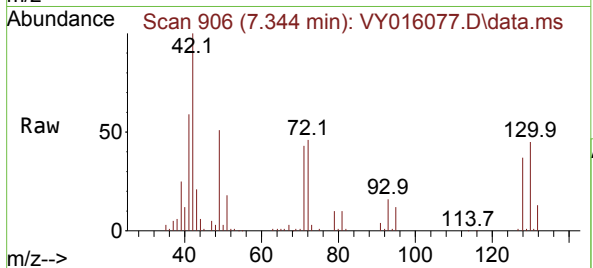
Tgt Ion: 42 Resp: 45153

Ion Ratio Lower Upper

42 100

72 45.8 32.8 49.2

71 43.6 31.0 46.4



#30

Chloroform

Concen: 21.039 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016077.D

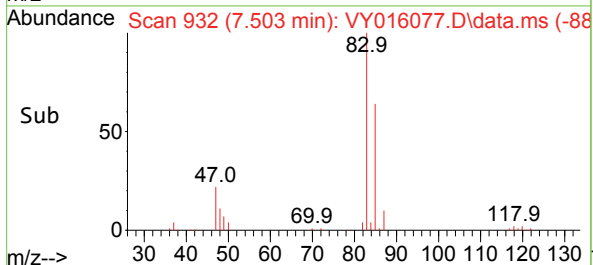
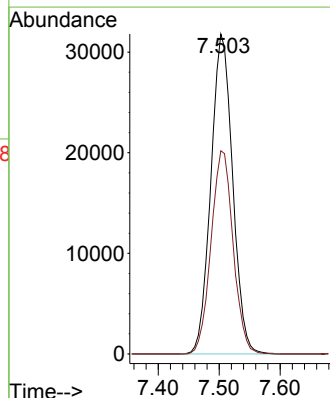
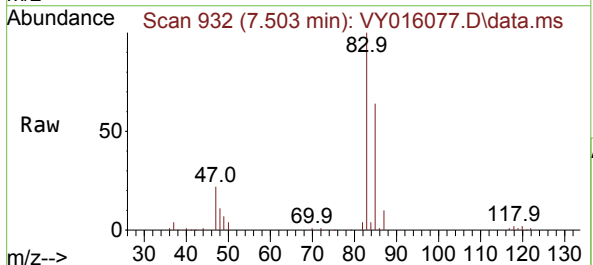
Acq: 26 Oct 2023 12:22

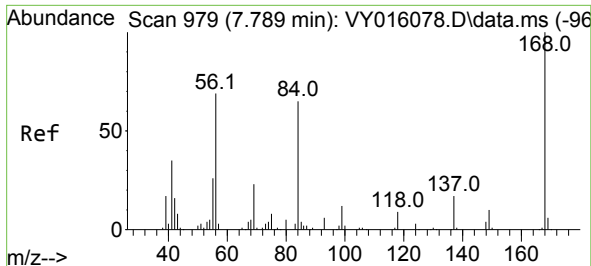
Tgt Ion: 83 Resp: 78877

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

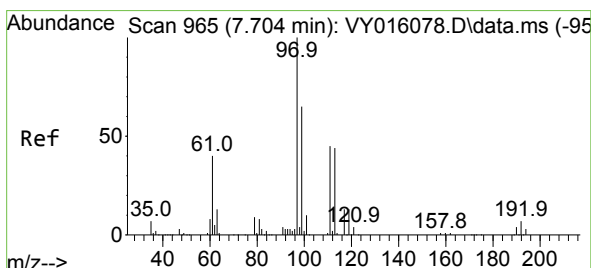
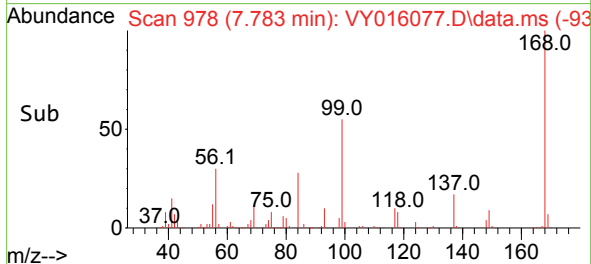
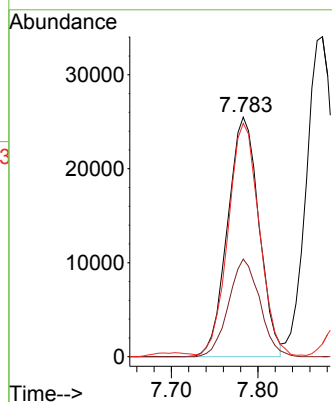
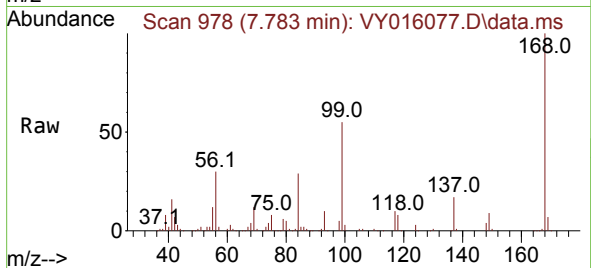




#31
Cyclohexane
Concen: 20.382 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

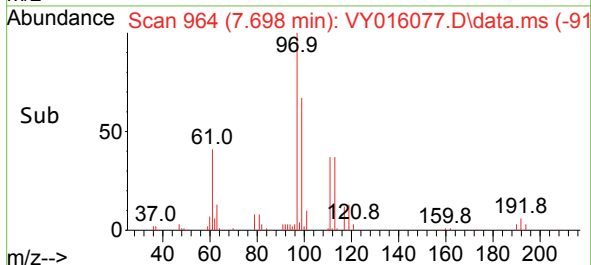
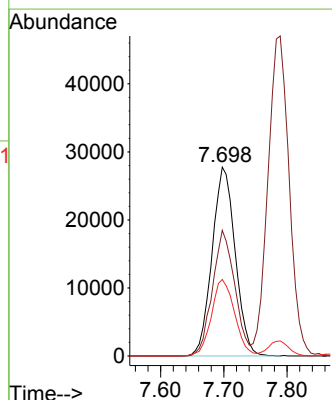
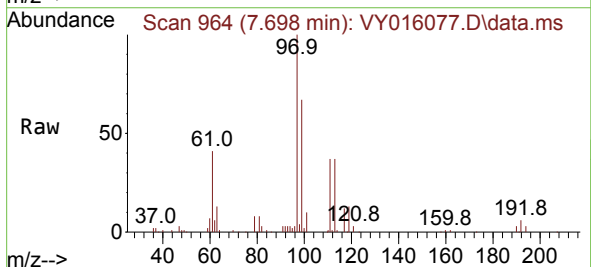
Instrument :
MSVOA_Y
ClientSampleId :

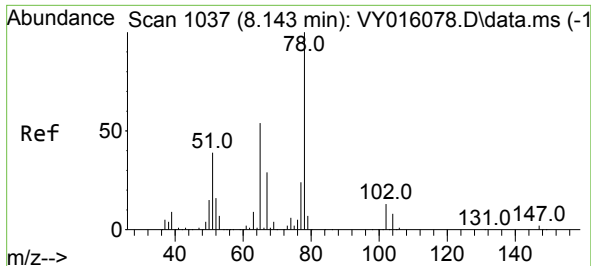
Tgt Ion: 56 Resp: 64305
Ion Ratio Lower Upper
56 100
69 40.7 27.8 41.6
84 95.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.951 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 97 Resp: 70456
Ion Ratio Lower Upper
97 100
99 64.0 50.8 76.2
61 40.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 21.431 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

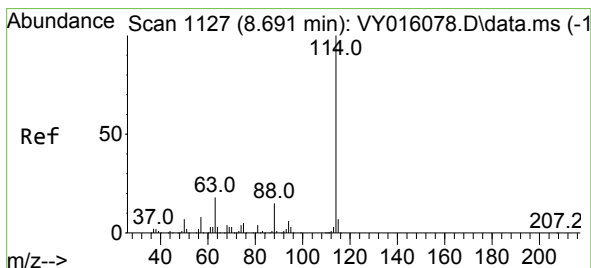
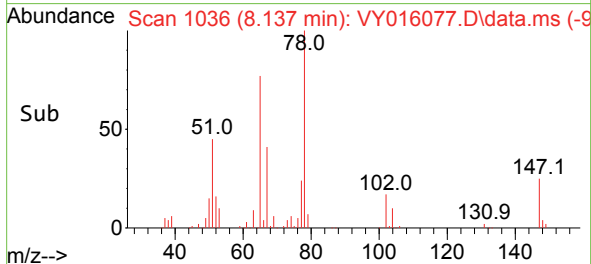
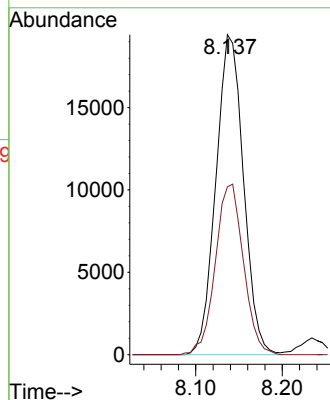
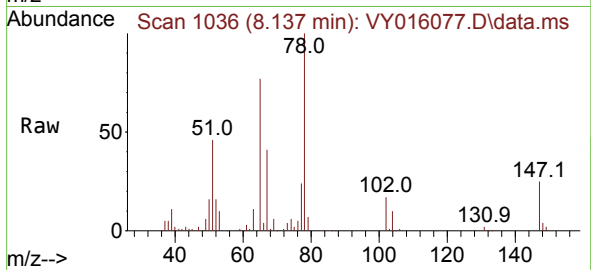
ClientSampleId :

Tgt Ion: 65 Resp: 42980

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

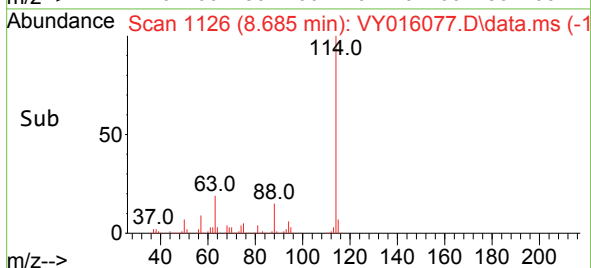
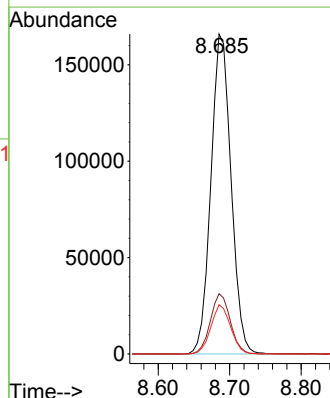
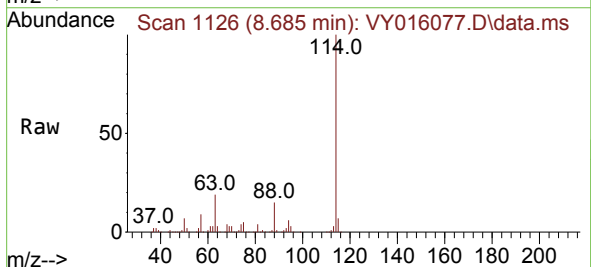
Tgt Ion: 114 Resp: 324636

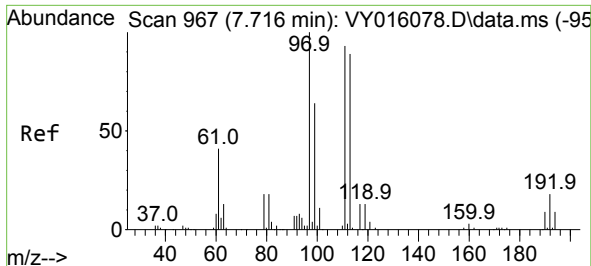
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

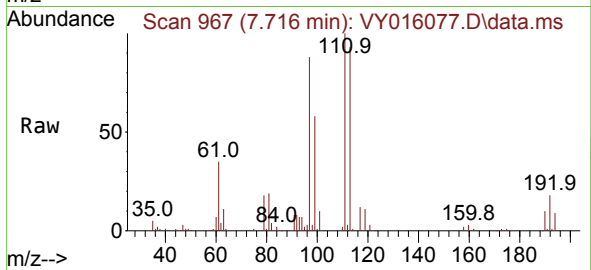
88 15.4 0.0 30.6



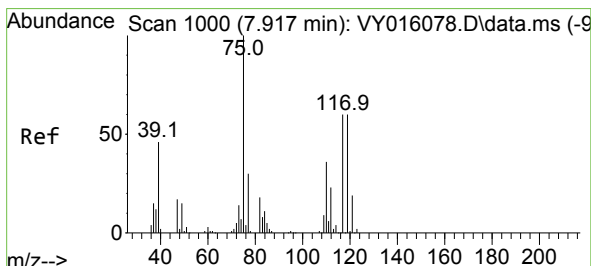
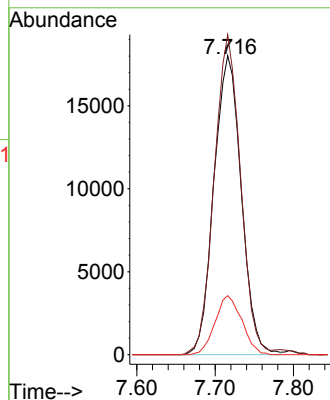
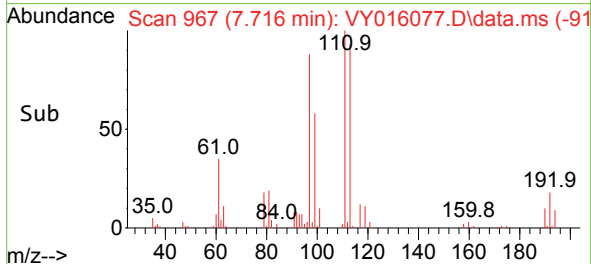


#35
Dibromofluoromethane
Concen: 21.326 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Instrument :
MSVOA_Y
ClientSampleId :

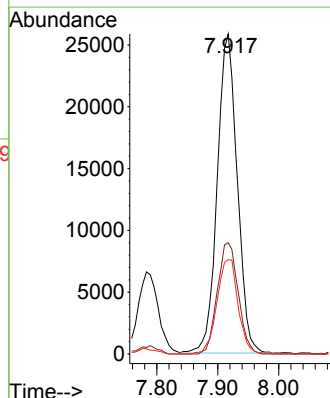
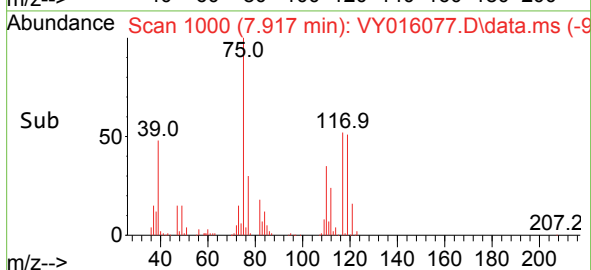
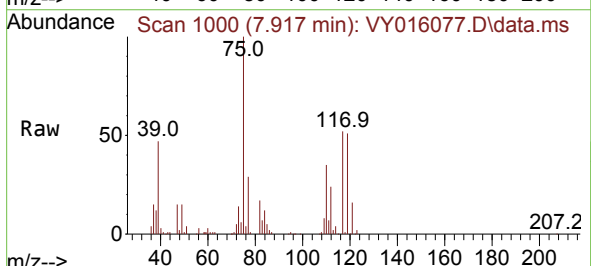


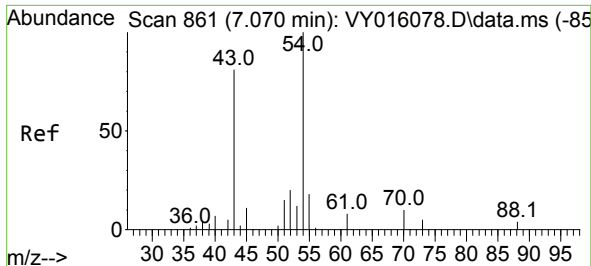
Tgt Ion:113 Resp: 43705
Ion Ratio Lower Upper
113 100
111 103.1 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.610 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 75 Resp: 58878
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 21.249 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016077.D

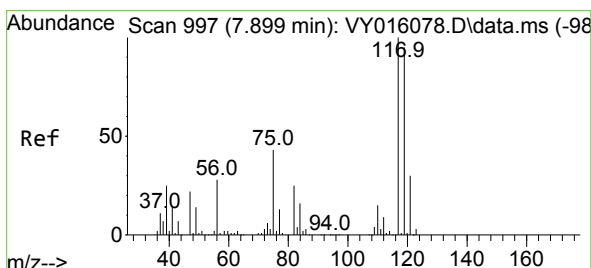
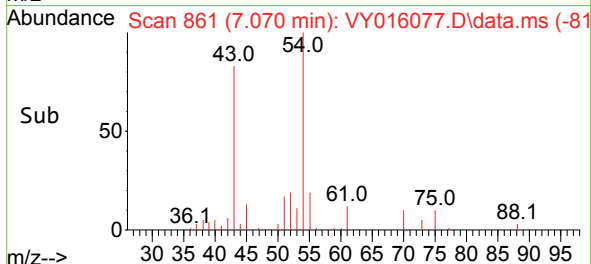
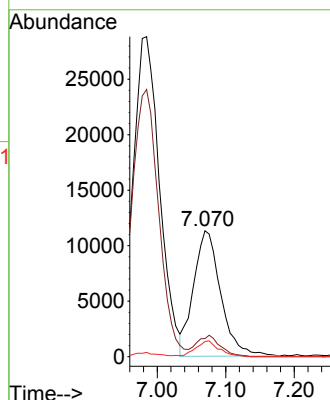
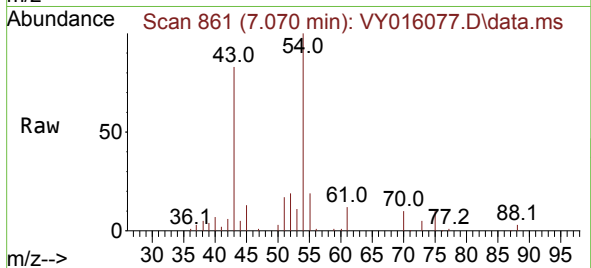
Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 31114
Ion Ratio	Lower Upper
43	100
61	14.7 10.1 15.1
70	10.7 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.652 ug/l

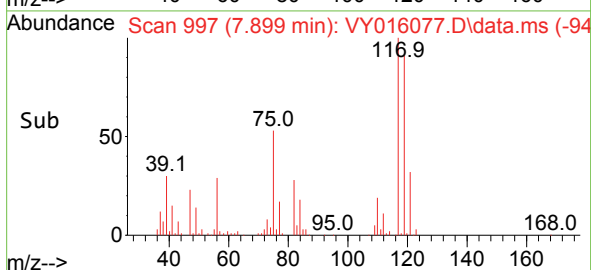
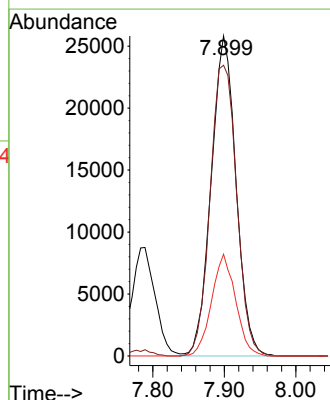
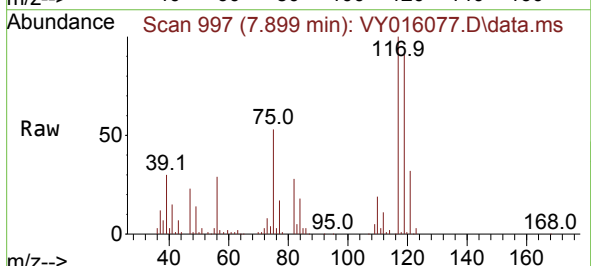
RT: 7.899 min Scan# 997

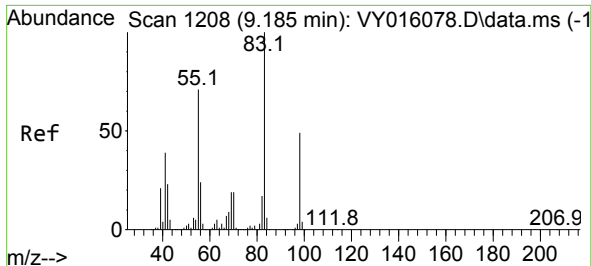
Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion: 117	Resp: 62389
Ion Ratio	Lower Upper
117	100
119	90.9 76.4 114.6
121	31.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.572 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

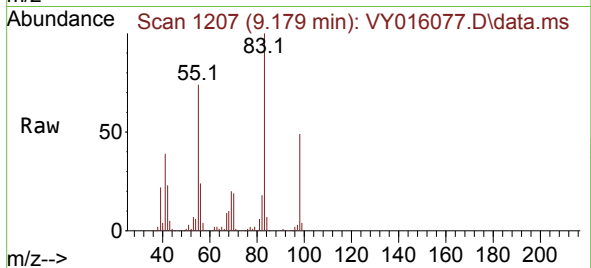
Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :



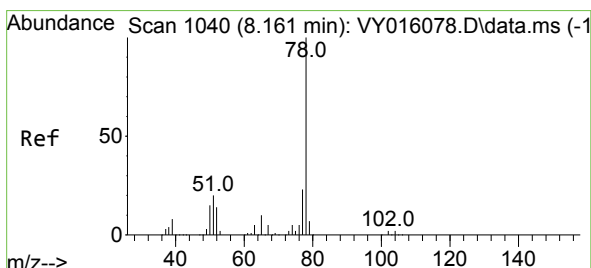
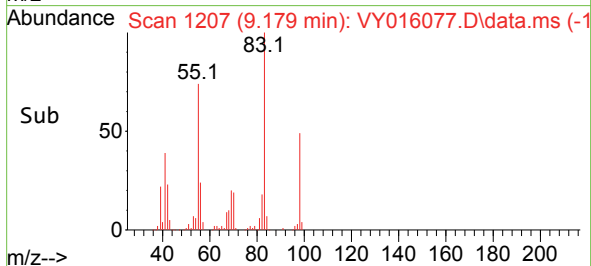
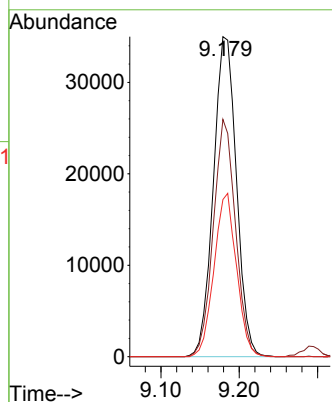
Tgt Ion: 83 Resp: 71596

Ion Ratio Lower Upper

83 100

55 74.1 63.0 94.4

98 49.1 37.4 56.2



#40

Benzene

Concen: 20.857 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016077.D

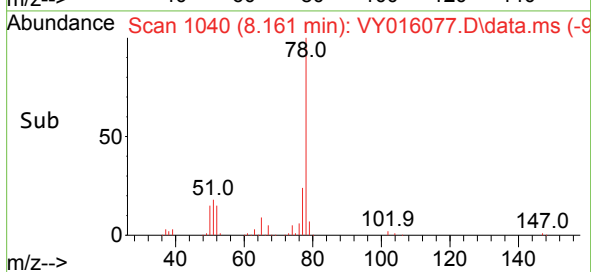
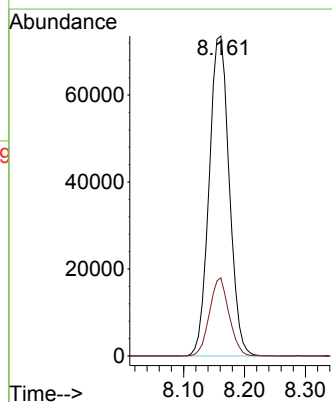
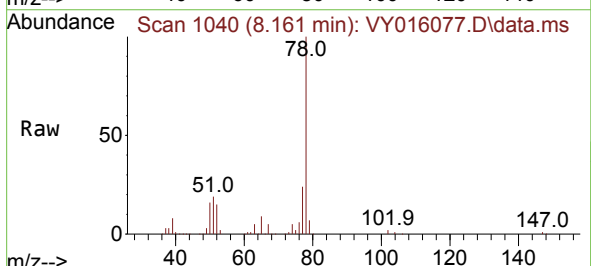
Acq: 26 Oct 2023 12:22

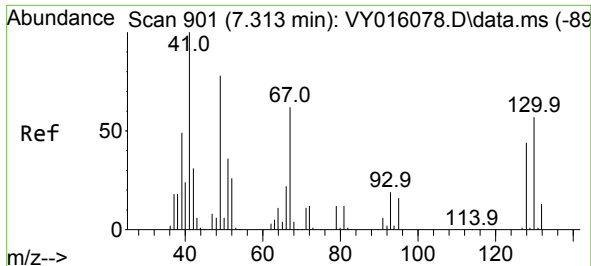
Tgt Ion: 78 Resp: 168694

Ion Ratio Lower Upper

78 100

77 24.4 19.0 28.6

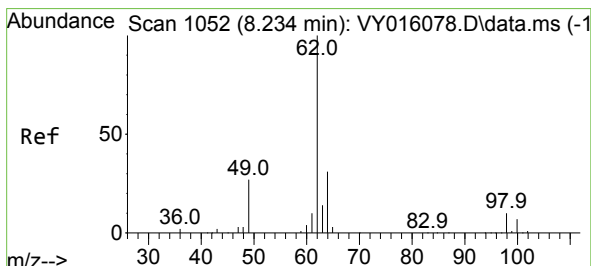
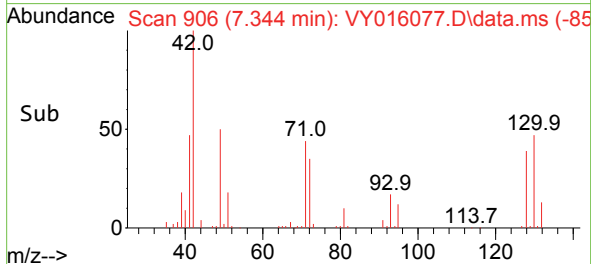
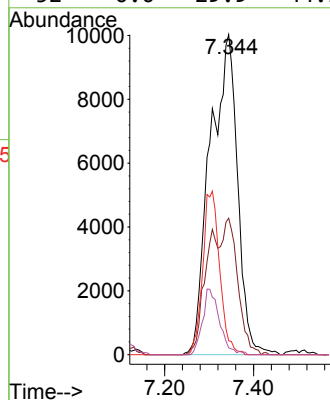
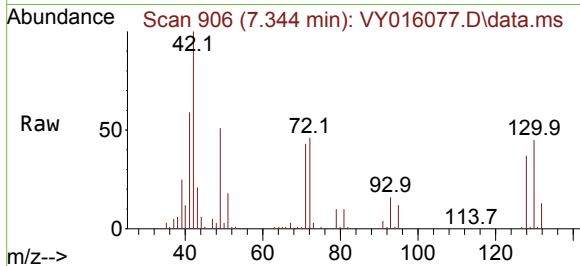




#41
Methacrylonitrile
Concen: 55.939 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.031 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

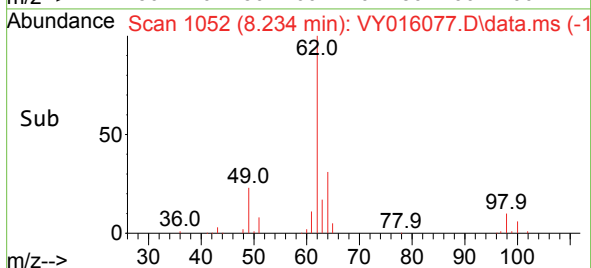
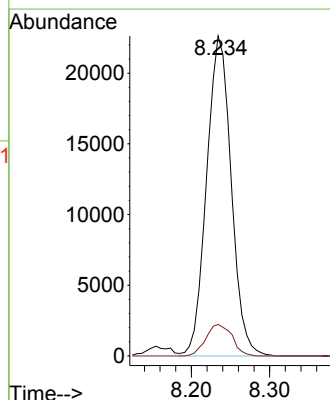
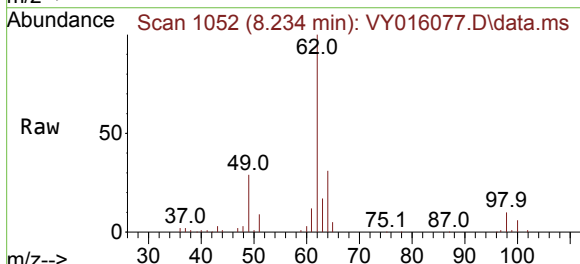
Instrument :
MSVOA_Y
ClientSampleId :

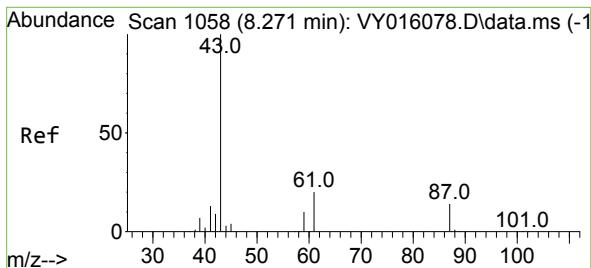
Tgt Ion: 41 Resp: 42867
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.129 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 62 Resp: 49380
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8





#43

Isopropyl Acetate

Concen: 20.967 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

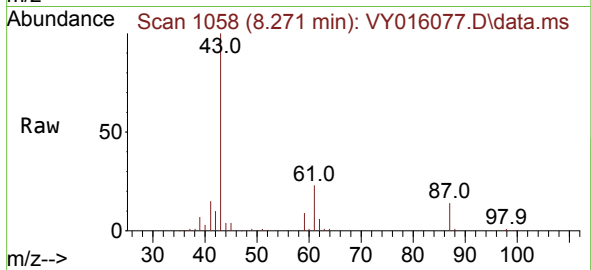
Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :



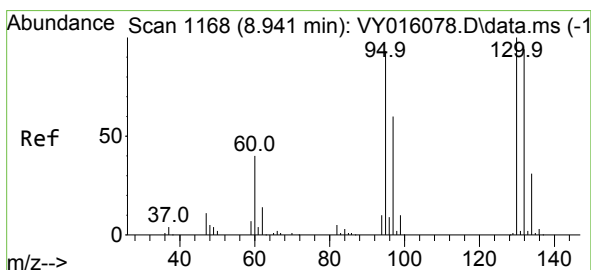
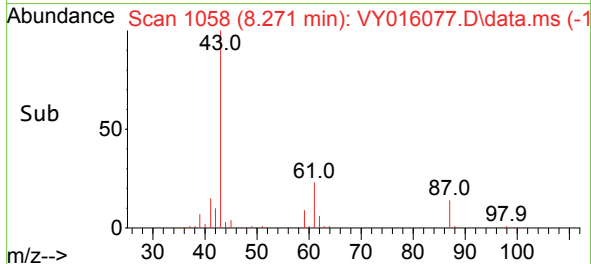
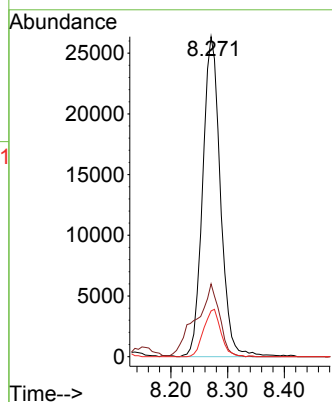
Tgt Ion: 43 Resp: 57402

Ion Ratio Lower Upper

43 100

61 30.2 21.1 31.7

87 14.4 9.8 14.8



#44

Trichloroethene

Concen: 21.207 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. -0.006 min

Lab File: VY016077.D

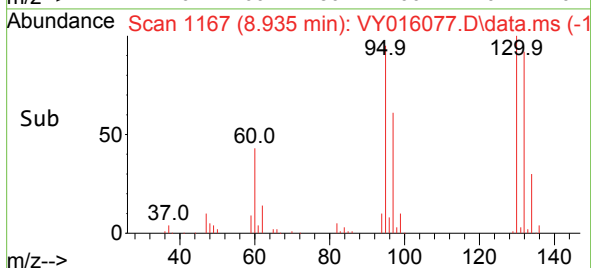
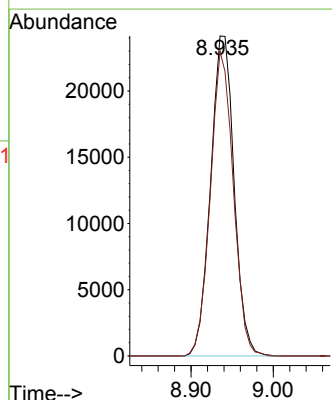
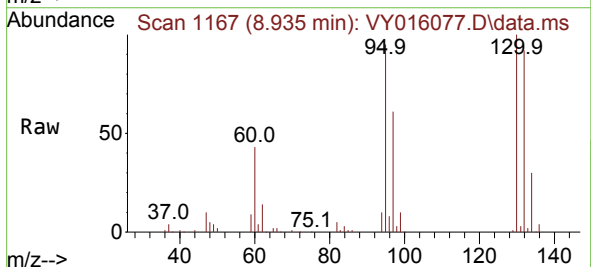
Acq: 26 Oct 2023 12:22

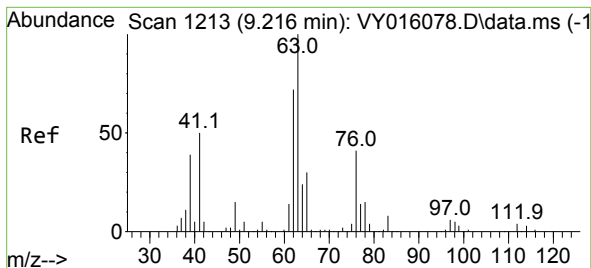
Tgt Ion: 130 Resp: 47895

Ion Ratio Lower Upper

130 100

95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 20.844 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

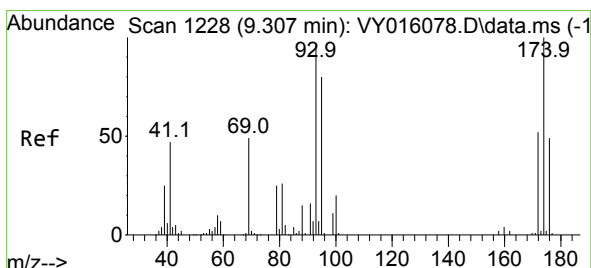
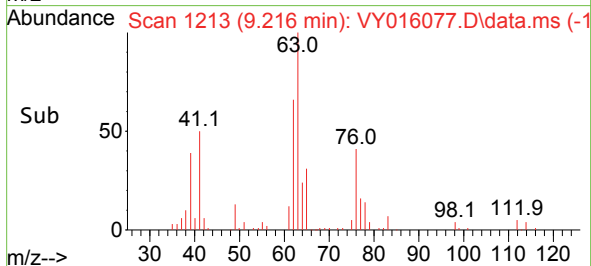
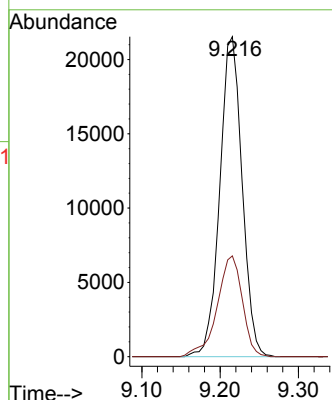
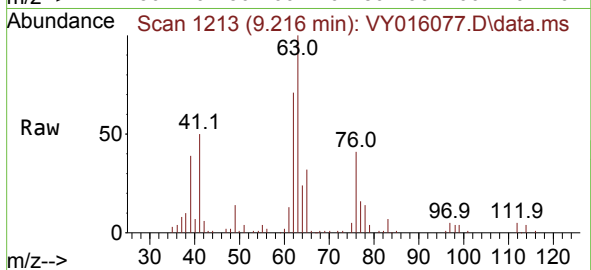
ClientSampleId :

Tgt Ion: 63 Resp: 42669

Ion Ratio Lower Upper

63 100

65 31.5 23.8 35.6



#46

Dibromomethane

Concen: 21.371 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

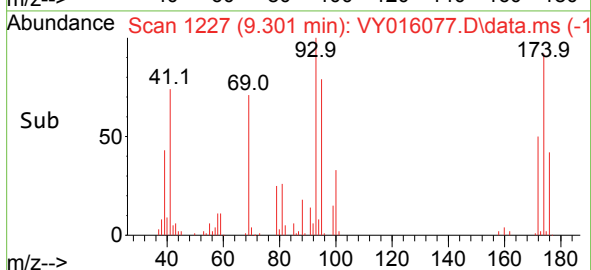
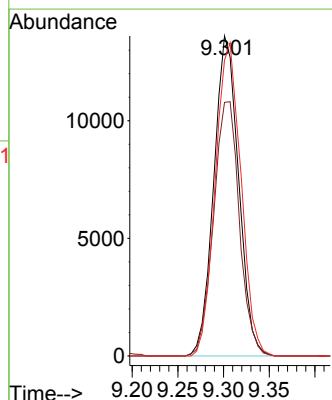
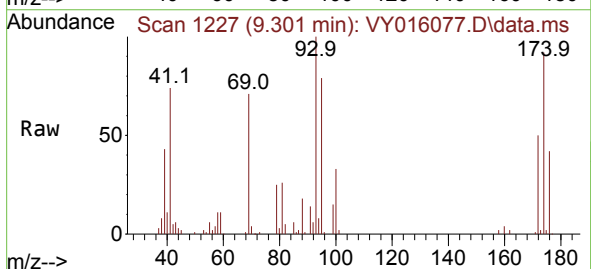
Tgt Ion: 93 Resp: 25651

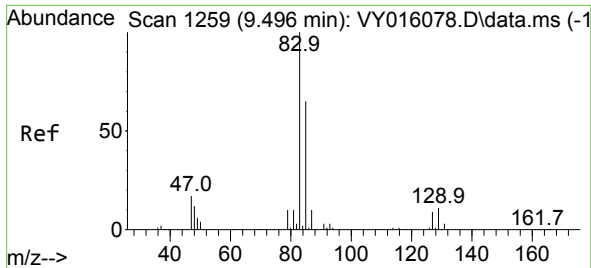
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 101.2 84.8 127.2

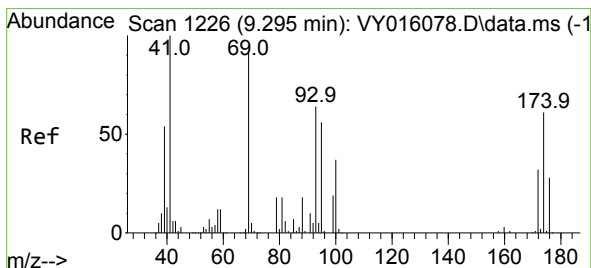
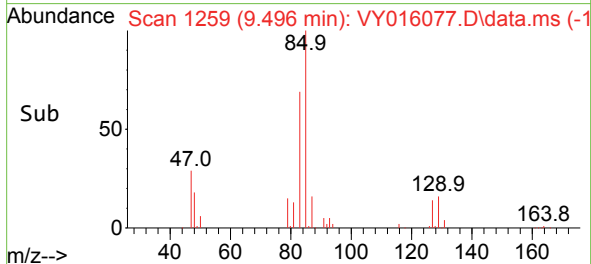
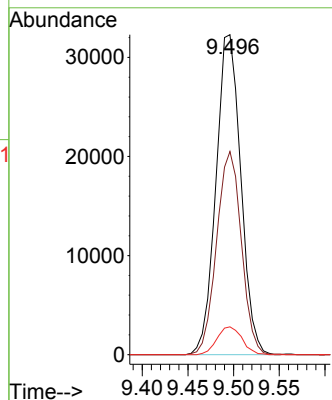
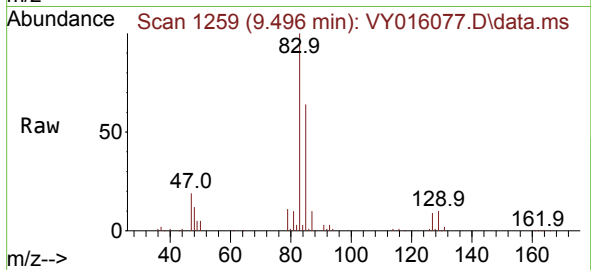




#47
Bromodichloromethane
Concen: 21.050 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

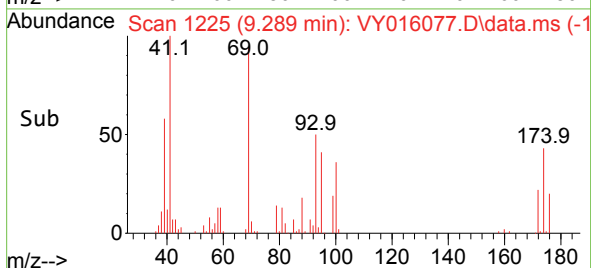
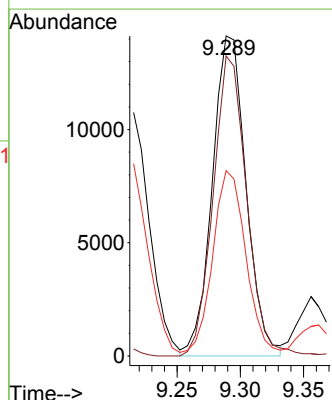
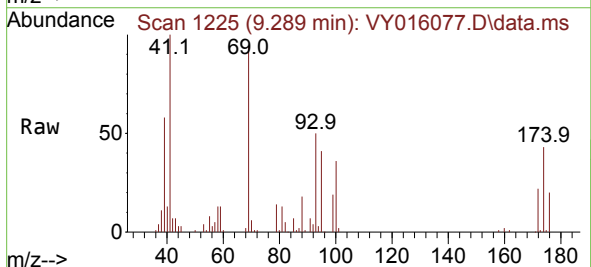
Instrument :
MSVOA_Y
ClientSampleId :

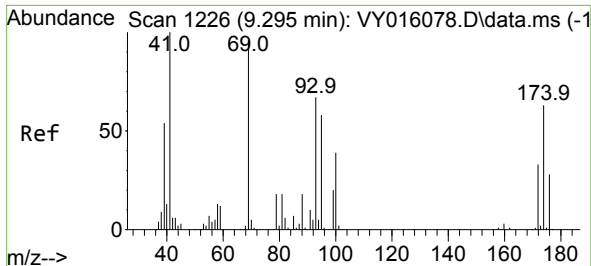
Tgt Ion: 83 Resp: 61105
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 20.757 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 41 Resp: 26181
Ion Ratio Lower Upper
41 100
69 93.3 64.5 96.7
39 55.4 50.8 76.2





#49

1,4-Dioxane

Concen: 440.769 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

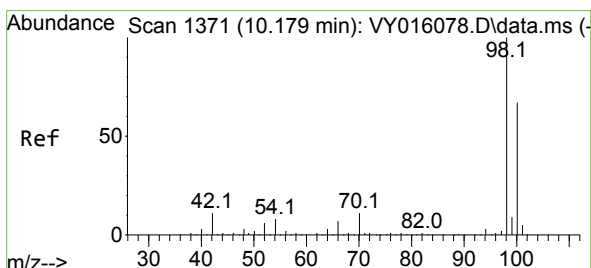
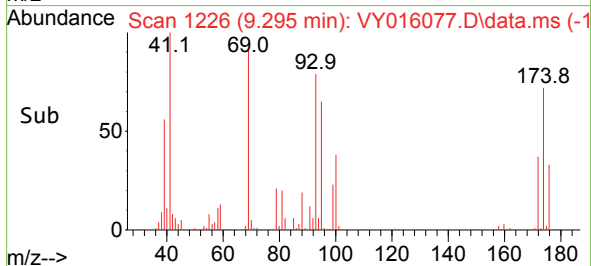
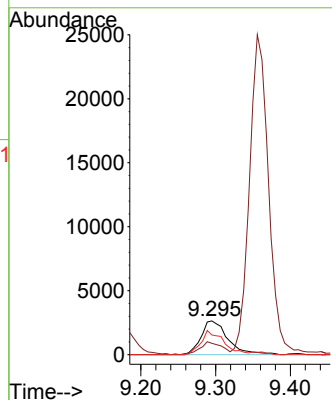
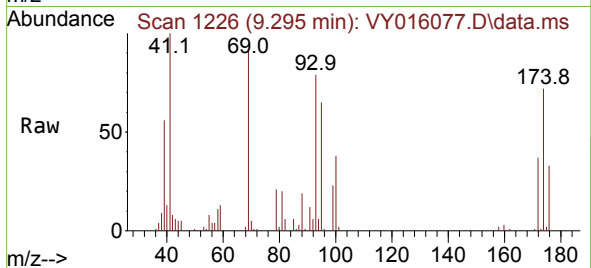
Tgt Ion: 88 Resp: 6619

Ion Ratio Lower Upper

88 100

43 30.6 0.0 0.0#

58 60.0 30.9 46.3#



#50

Toluene-d8

Concen: 21.291 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016077.D

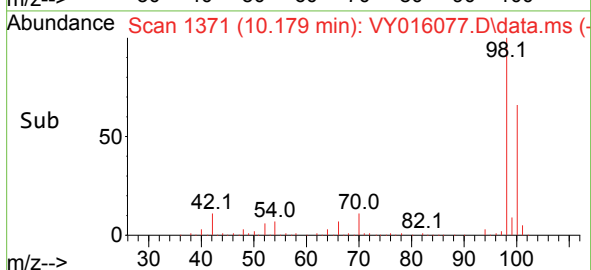
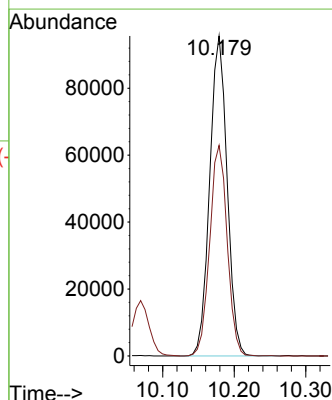
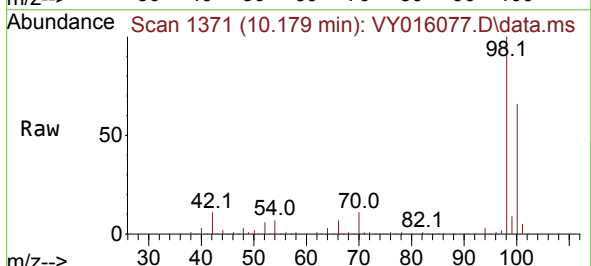
Acq: 26 Oct 2023 12:22

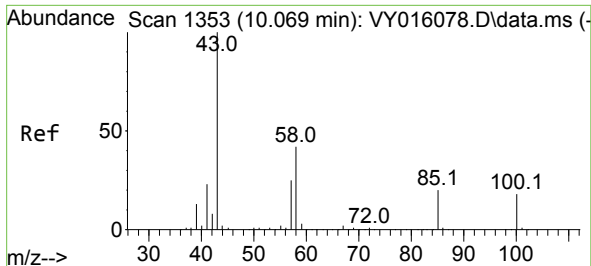
Tgt Ion: 98 Resp: 161628

Ion Ratio Lower Upper

98 100

100 66.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 108.019 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

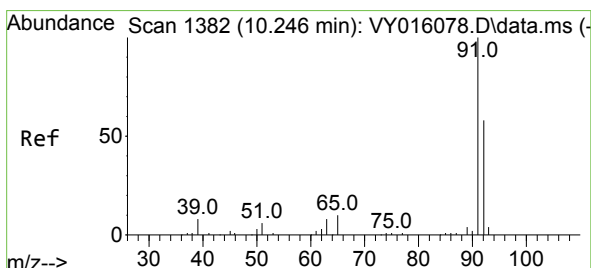
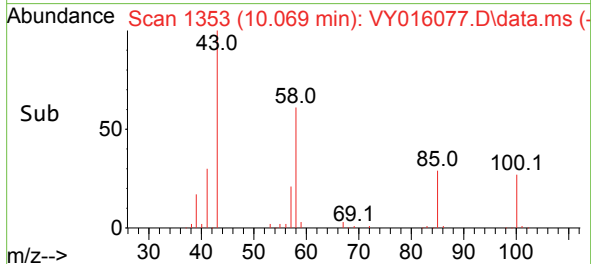
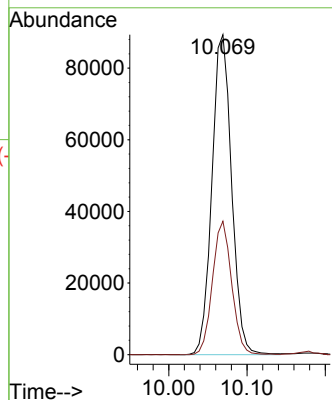
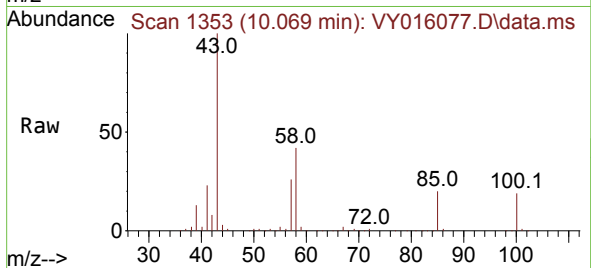
ClientSampleId :

Tgt Ion: 43 Resp: 156047

Ion Ratio Lower Upper

43 100

58 40.6 29.0 43.6



#52

Toluene

Concen: 20.859 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY016077.D

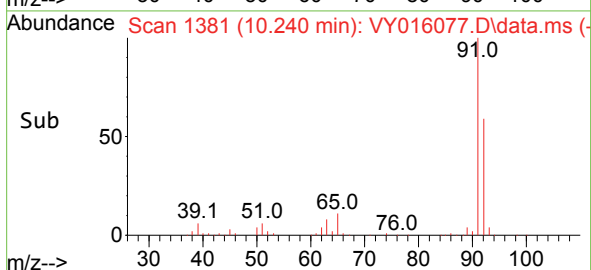
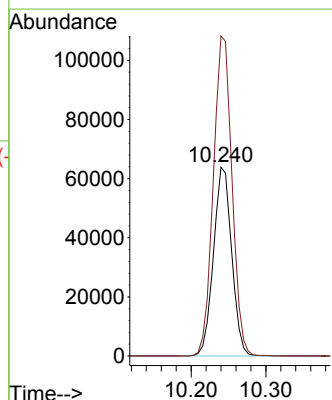
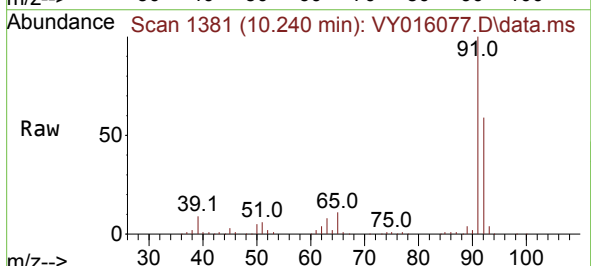
Acq: 26 Oct 2023 12:22

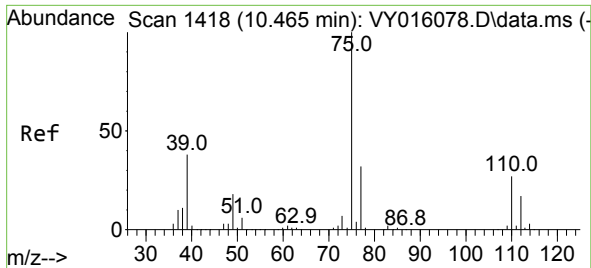
Tgt Ion: 92 Resp: 108337

Ion Ratio Lower Upper

92 100

91 173.9 143.8 215.6

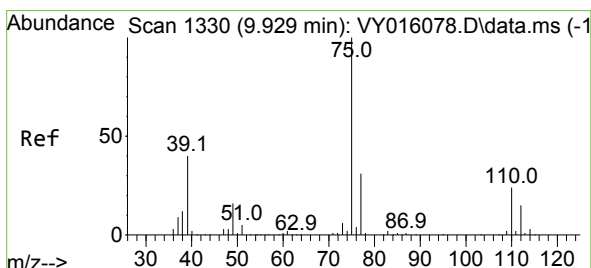
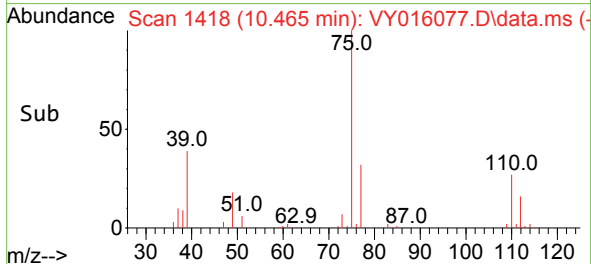
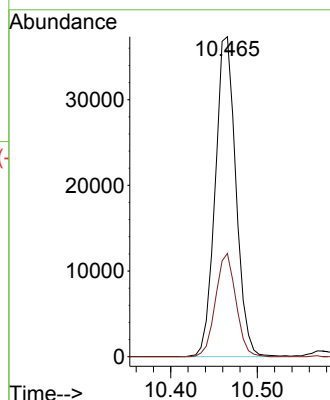
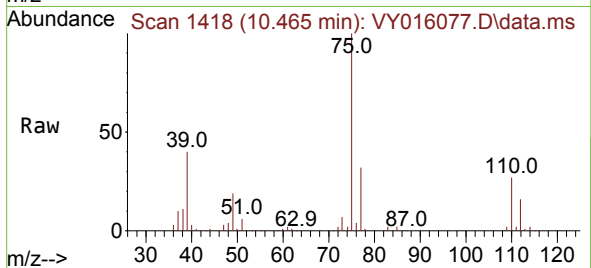




#53
 t-1,3-Dichloropropene
 Concen: 20.897 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

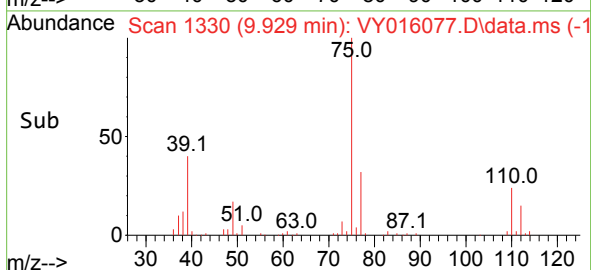
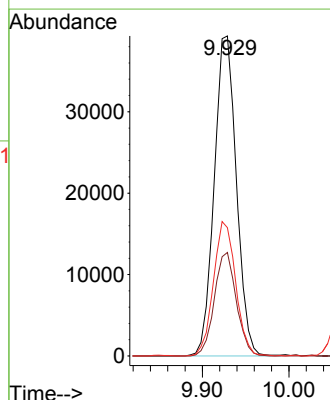
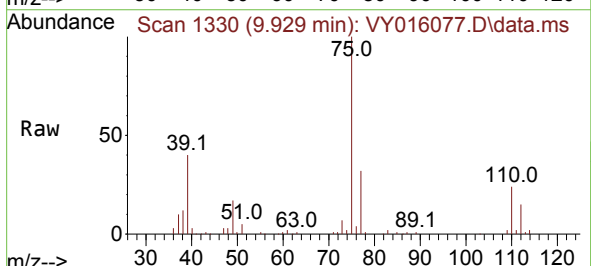
Instrument :
 MSVOA_Y
 ClientSampleId :

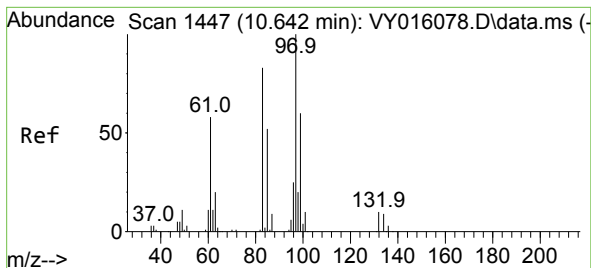
Tgt Ion: 75 Resp: 62030
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.843 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

Tgt Ion: 75 Resp: 69967
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 40.1 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.286 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 36301

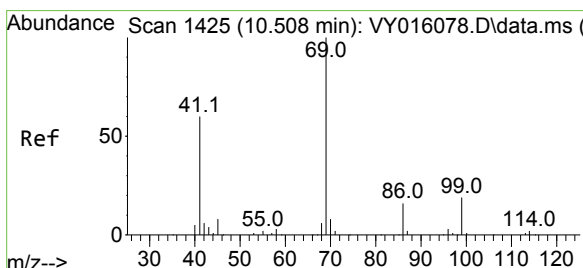
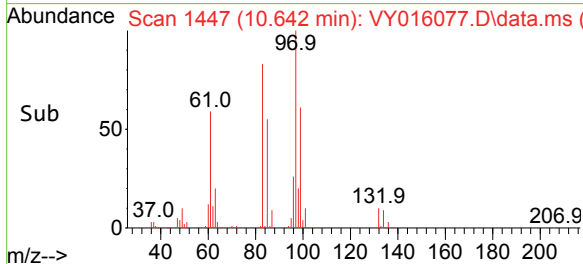
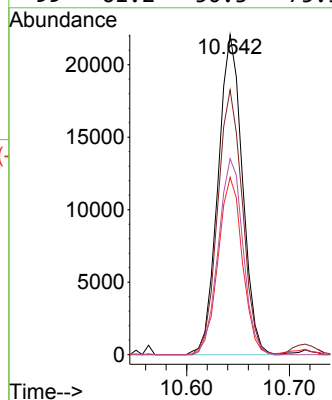
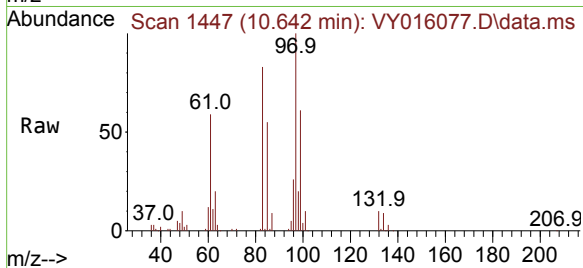
Ion Ratio Lower Upper

97 100

83 82.7 72.0 108.0

85 55.4 45.4 68.0

99 61.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.034 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

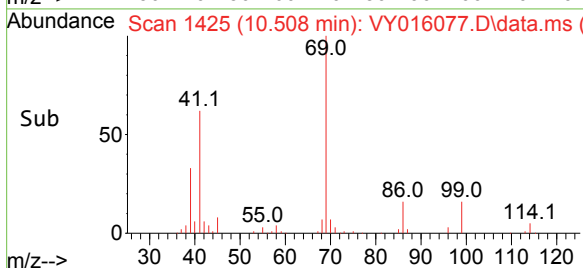
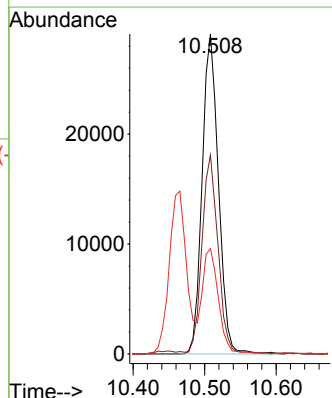
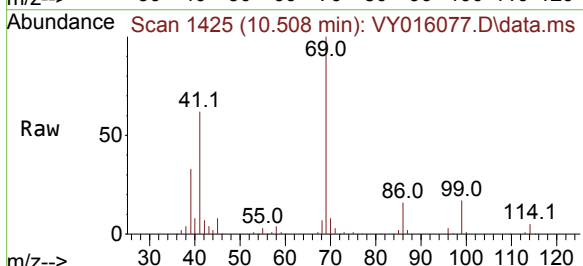
Tgt Ion: 69 Resp: 46099

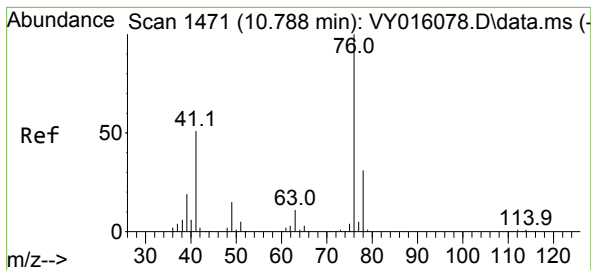
Ion Ratio Lower Upper

69 100

41 60.9 57.6 86.4

39 32.0 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 21.095 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

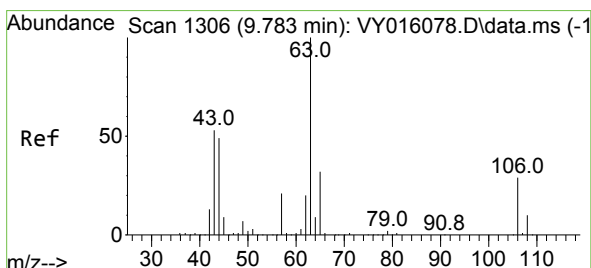
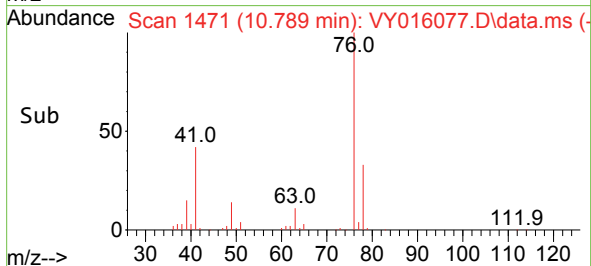
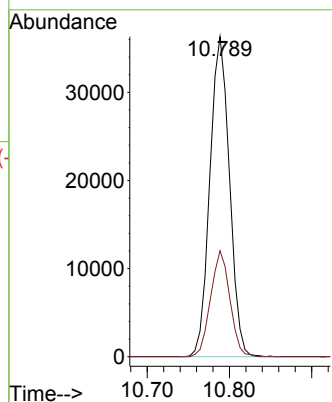
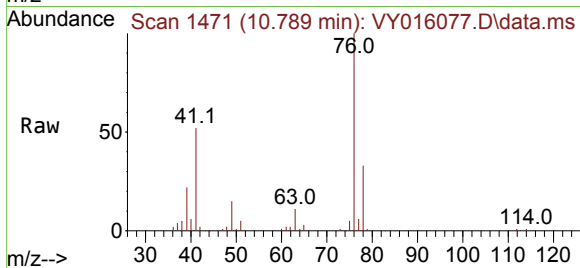
ClientSampleId :

Tgt Ion: 76 Resp: 60135

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 110.764 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY016077.D

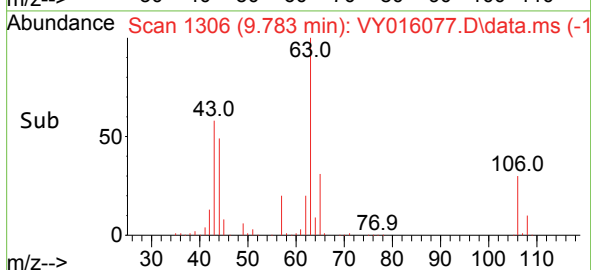
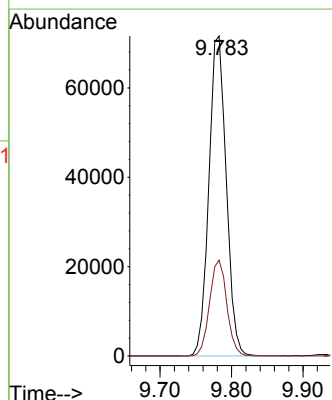
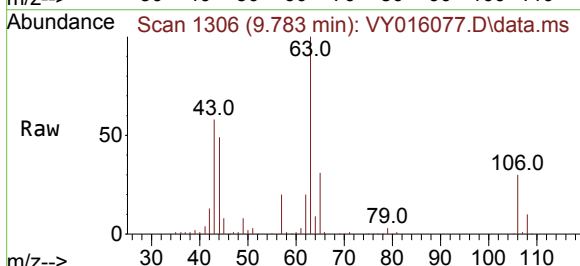
Acq: 26 Oct 2023 12:22

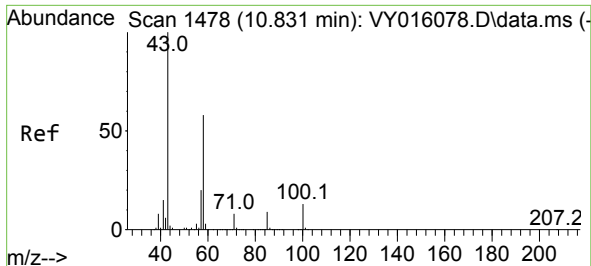
Tgt Ion: 63 Resp: 120852

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

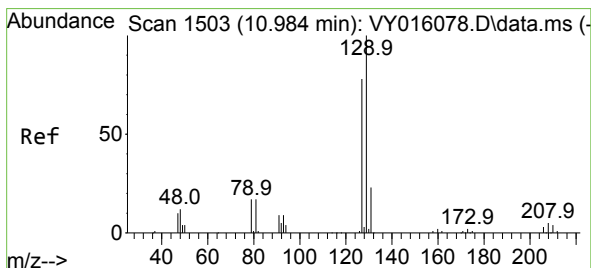
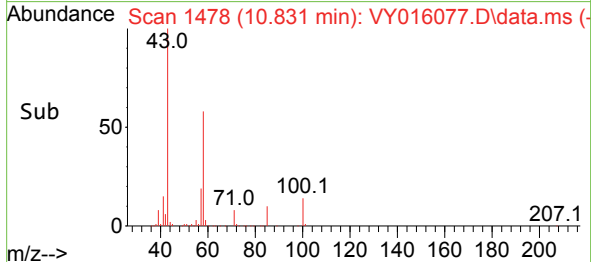
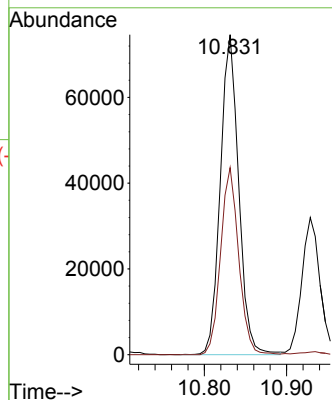
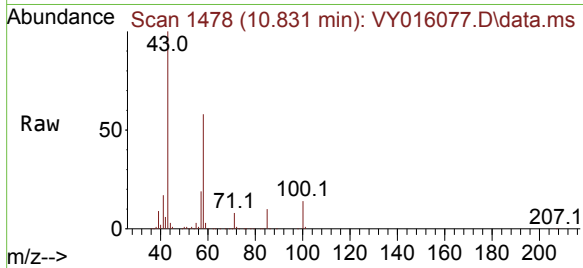




#59
2-Hexanone
Concen: 108.736 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

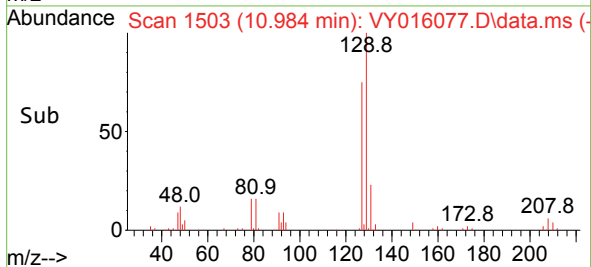
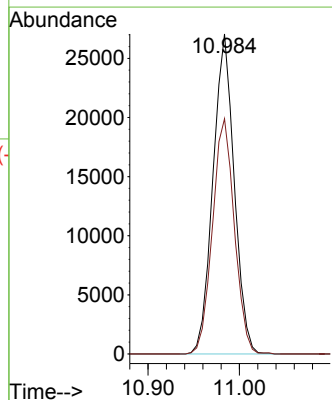
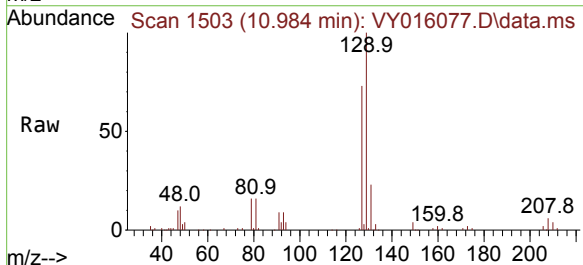
Instrument :
MSVOA_Y
ClientSampleId :

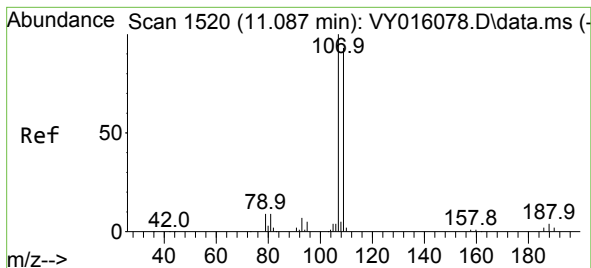
Tgt Ion: 43 Resp: 115712
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 20.926 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 129 Resp: 43701
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

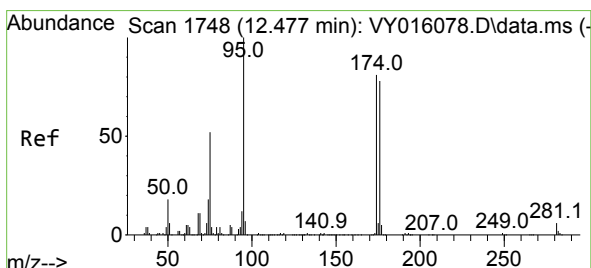
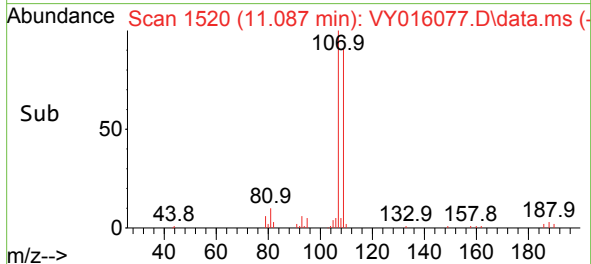
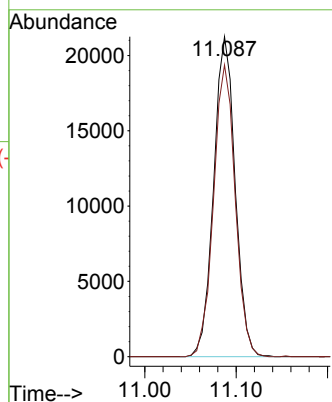
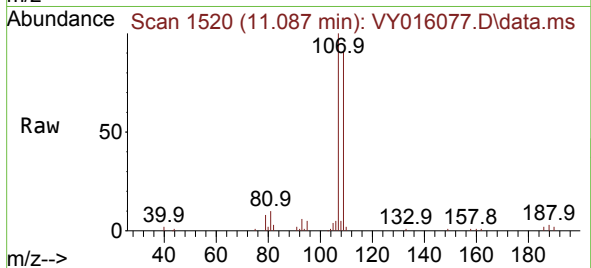




#61
1,2-Dibromoethane
Concen: 21.245 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

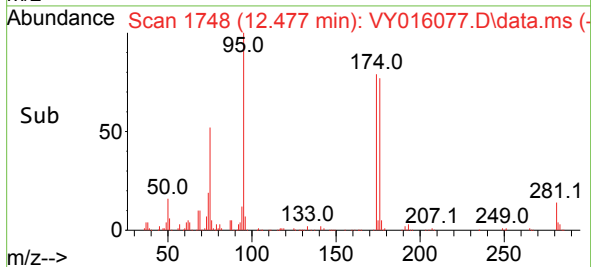
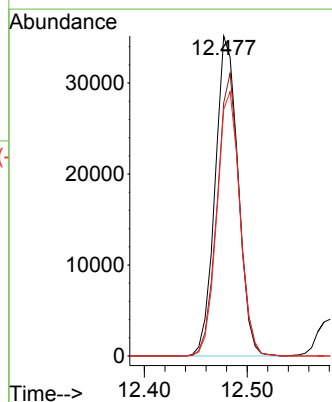
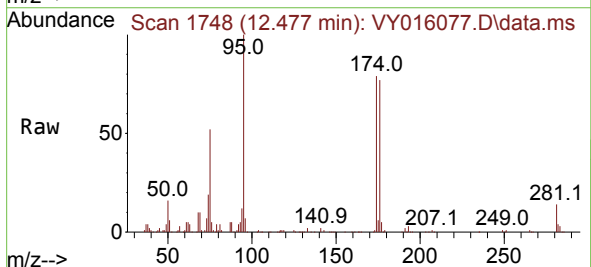
Instrument :
MSVOA_Y
ClientSampleId :

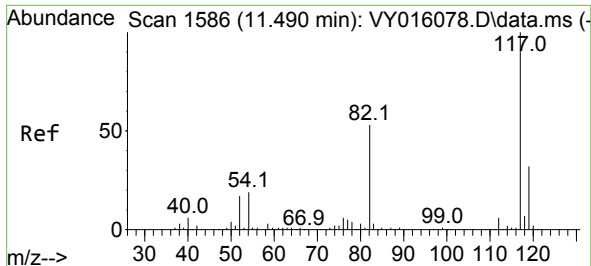
Tgt Ion:107 Resp: 34693
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 20.869 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 95 Resp: 54343
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.2
176 82.6 0.0 173.8

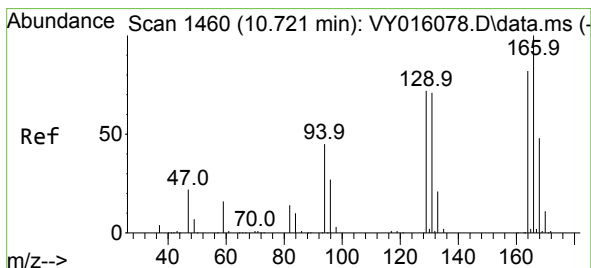
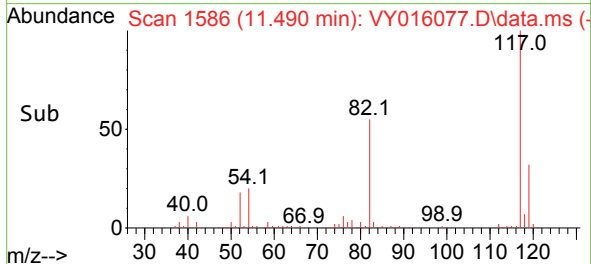
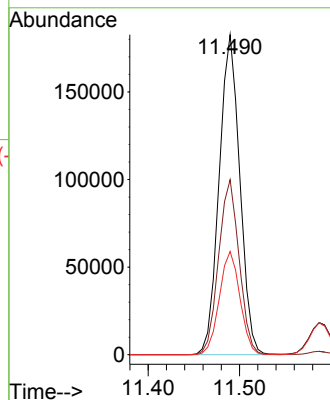
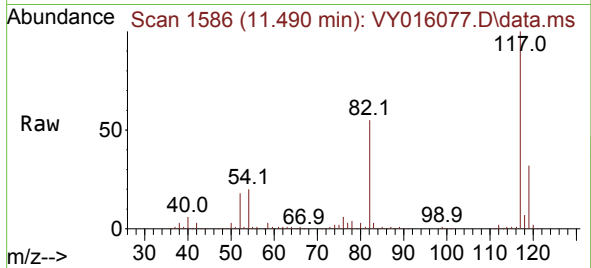




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

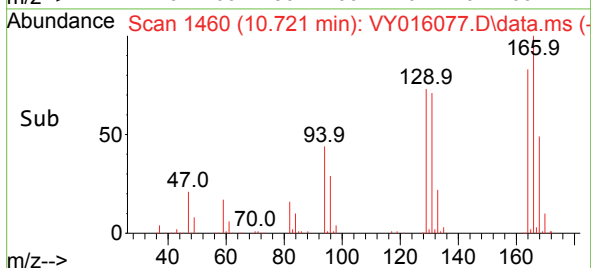
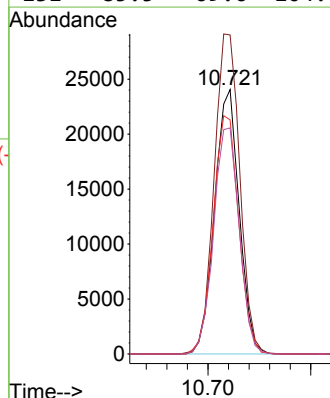
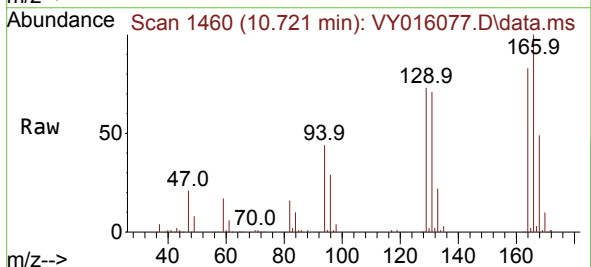
Instrument :
MSVOA_Y
ClientSampleId :

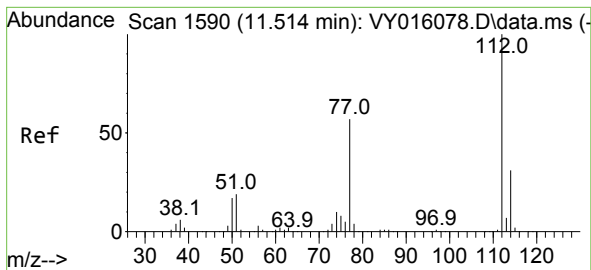
Tgt Ion:117 Resp: 287178
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 32.3 26.3 39.5



#64
Tetrachloroethene
Concen: 21.004 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:164 Resp: 39917
Ion Ratio Lower Upper
164 100
166 120.6 103.0 154.6
129 88.5 77.2 115.8
131 85.5 69.6 104.4

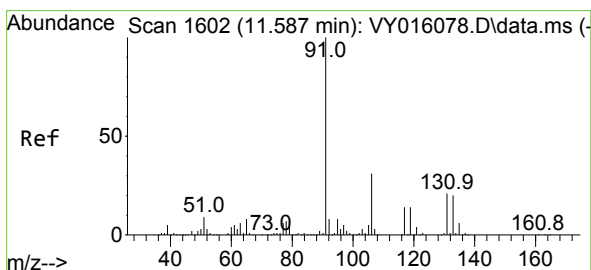
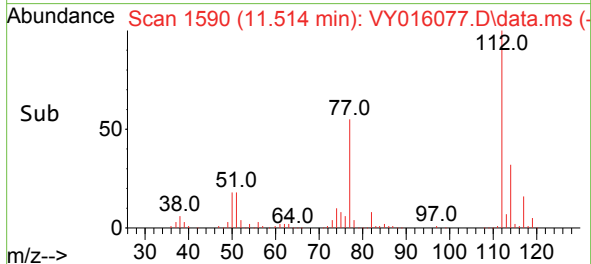
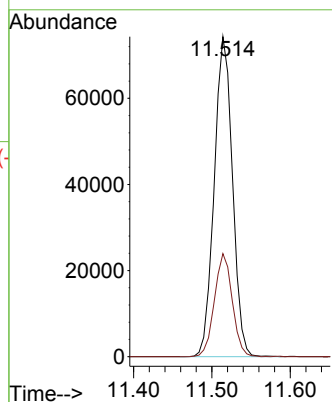
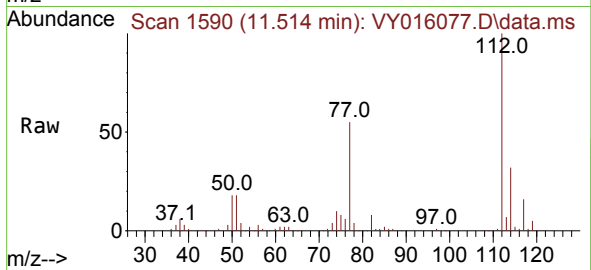




#65
Chlorobenzene
Concen: 21.321 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

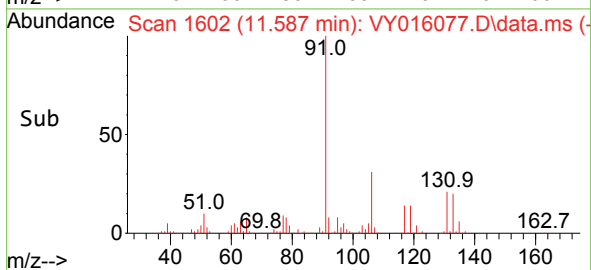
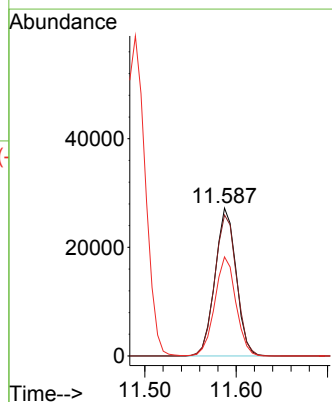
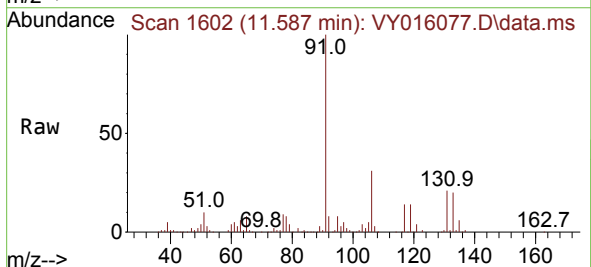
Instrument :
MSVOA_Y
ClientSampleId :

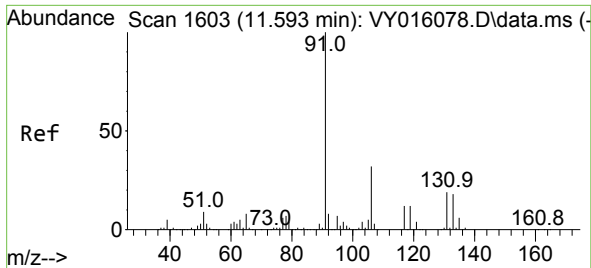
Tgt Ion:112 Resp: 120326
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.754 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:131 Resp: 43740
Ion Ratio Lower Upper
131 100
133 98.7 47.5 142.6
119 67.1 31.6 94.7

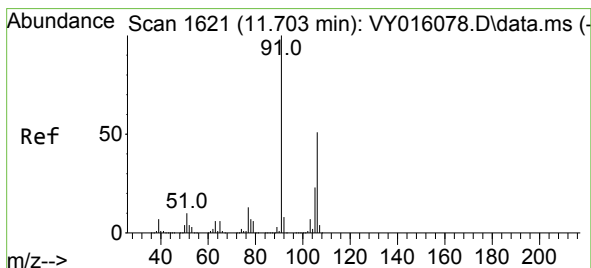
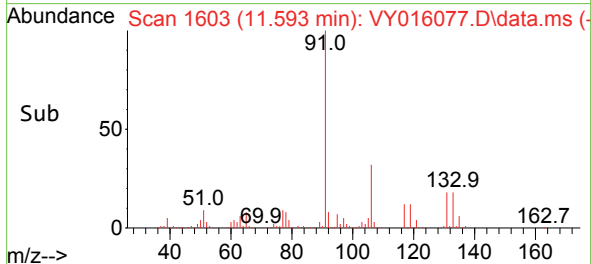
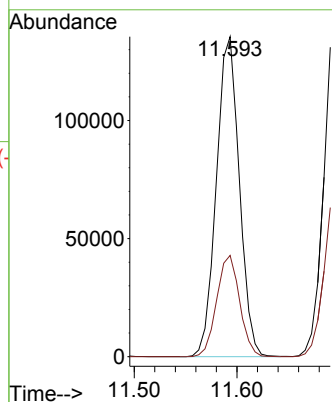
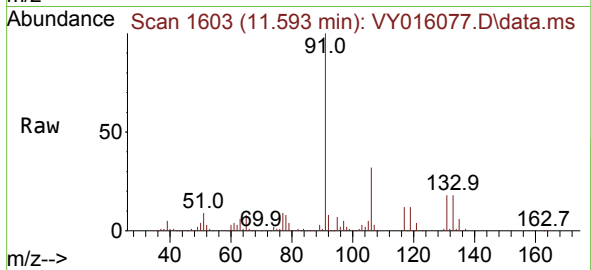




#67
Ethyl Benzene
Concen: 20.924 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

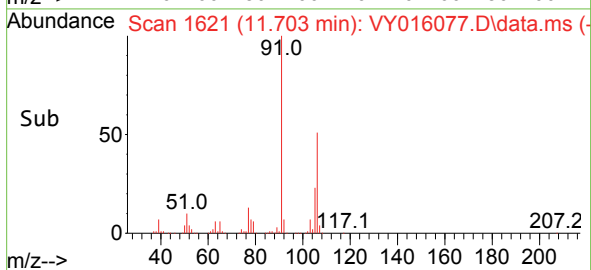
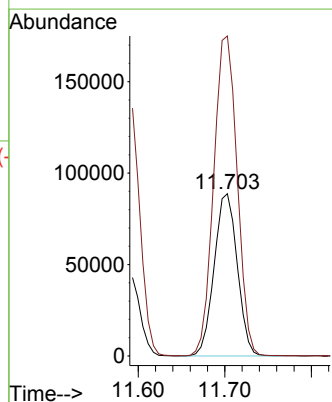
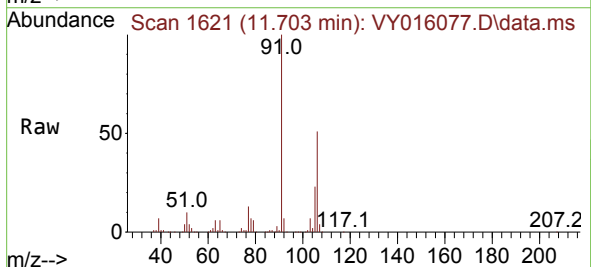
Instrument :
MSVOA_Y
ClientSampleId :

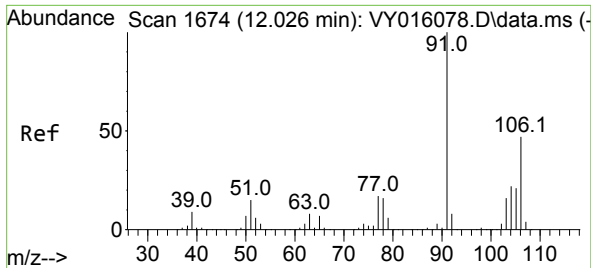
Tgt Ion: 91 Resp: 209747
Ion Ratio Lower Upper
91 100
106 31.7 24.6 36.8



#68
m/p-Xylenes
Concen: 42.411 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 106 Resp: 164522
Ion Ratio Lower Upper
106 100
91 199.9 166.1 249.1

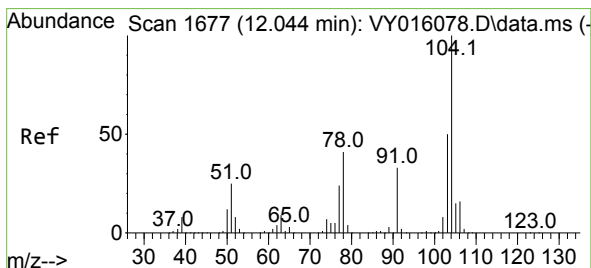
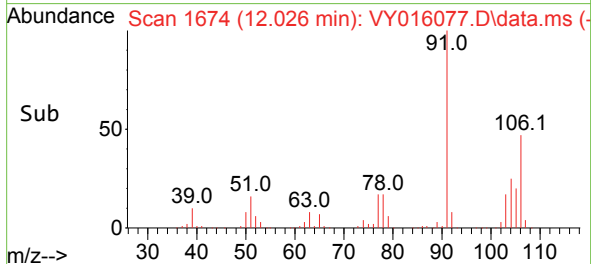
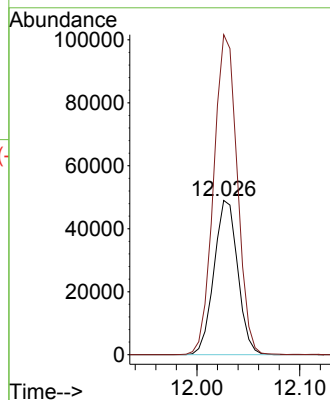
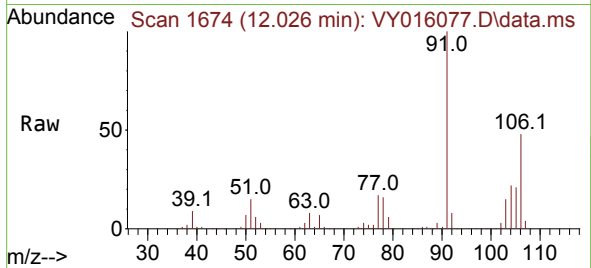




#69
o-Xylene
Concen: 21.126 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

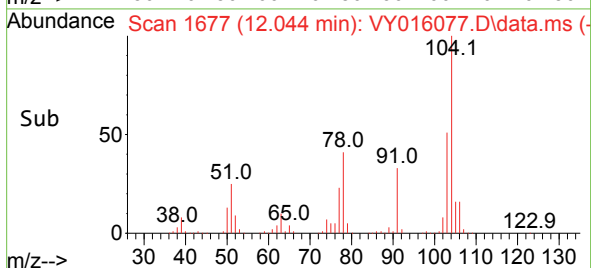
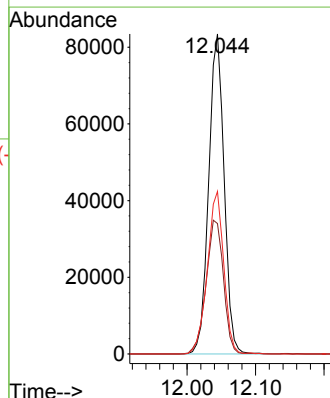
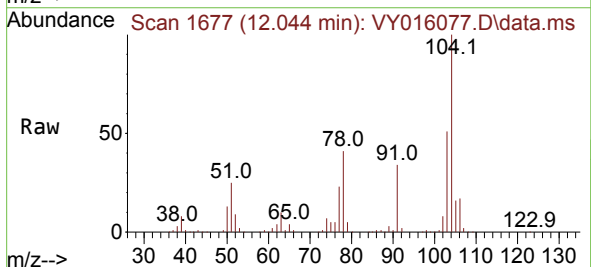
Instrument :
MSVOA_Y
ClientSampleId :

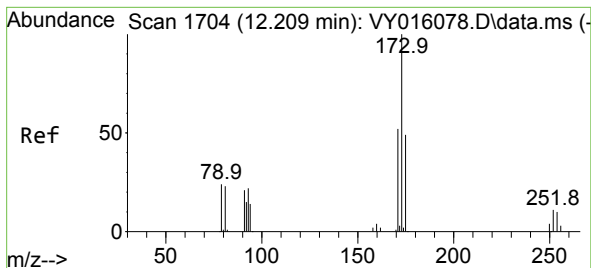
Tgt Ion:106 Resp: 78457
Ion Ratio Lower Upper
106 100
91 207.3 108.1 324.3



#70
Styrene
Concen: 21.152 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:104 Resp: 130942
Ion Ratio Lower Upper
104 100
78 47.2 41.5 62.3
103 54.1 44.6 67.0





#71

Bromoform

Concen: 20.865 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

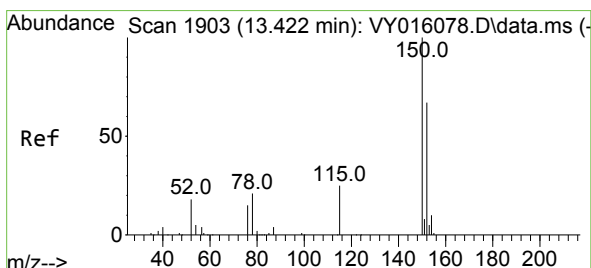
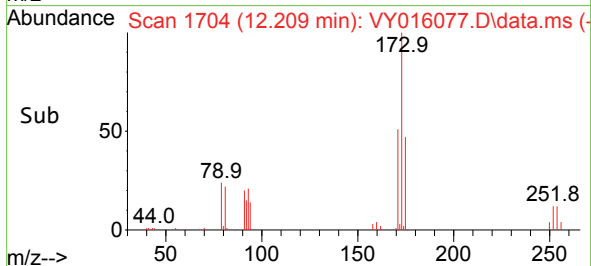
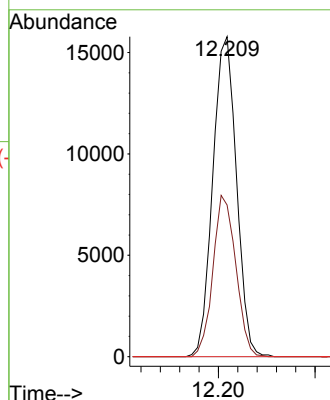
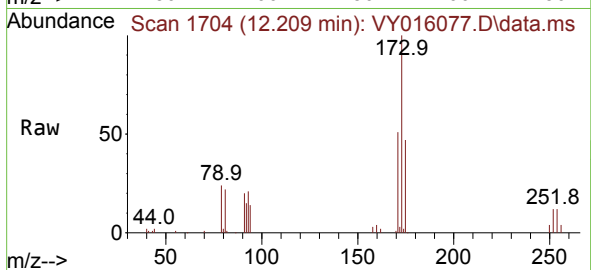
Tgt Ion:173 Resp: 26786

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

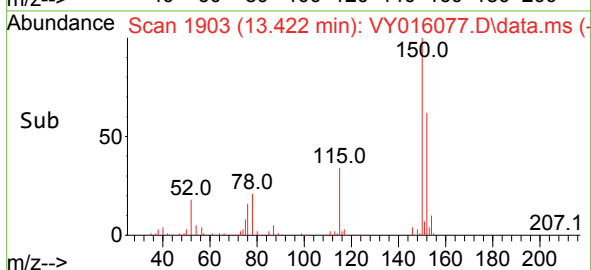
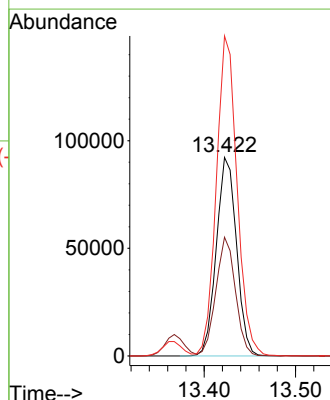
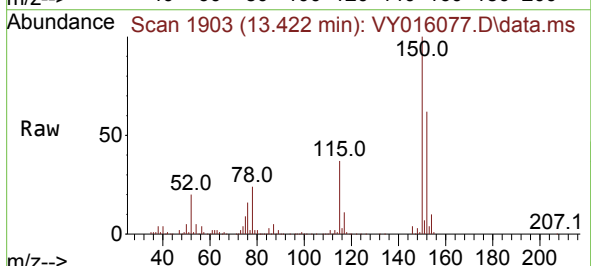
Tgt Ion:152 Resp: 141887

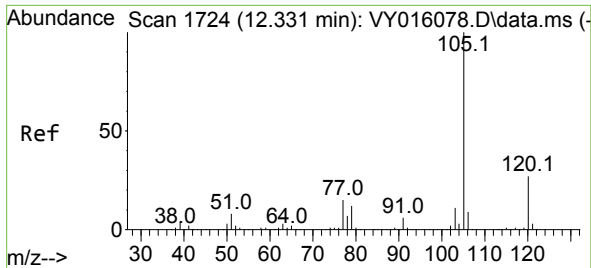
Ion Ratio Lower Upper

152 100

115 57.9 28.8 86.5

150 165.1 0.0 348.8

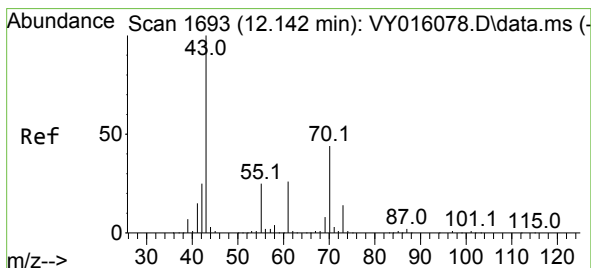
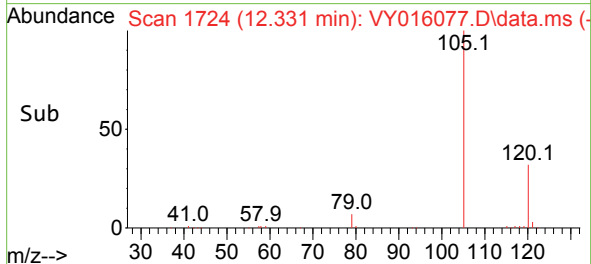
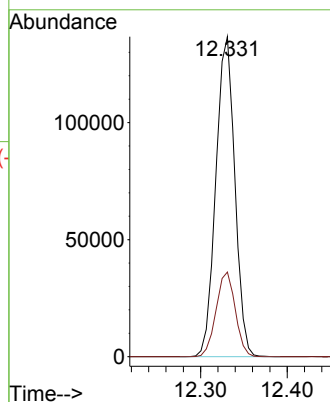
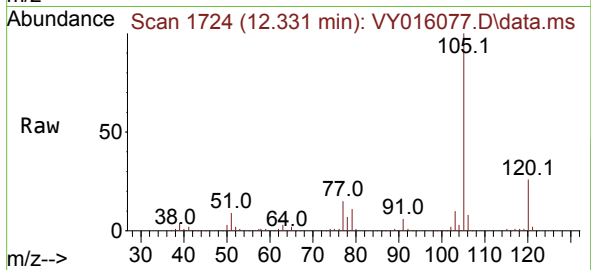




#73
Isopropylbenzene
Concen: 20.813 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

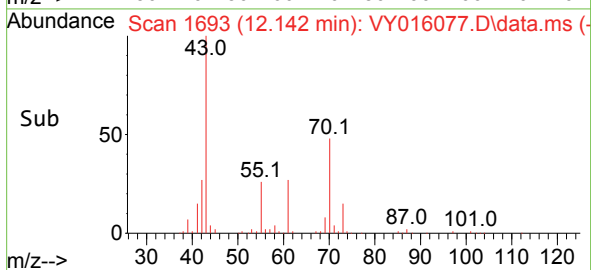
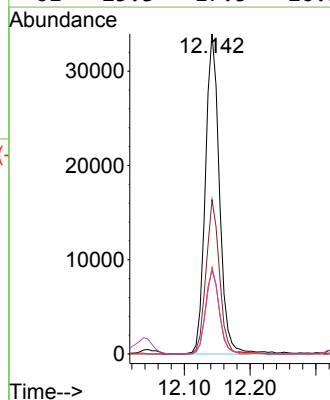
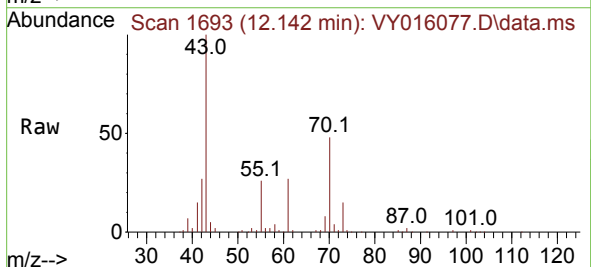
Instrument :
MSVOA_Y
ClientSampleId :

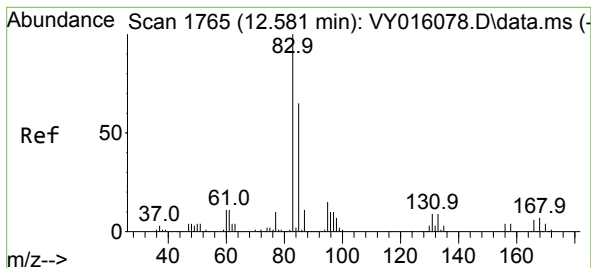
Tgt Ion:105 Resp: 207825
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 20.854 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 43 Resp: 50776
Ion Ratio Lower Upper
43 100
70 46.0 29.7 44.5#
55 25.4 18.3 27.5
61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.028 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

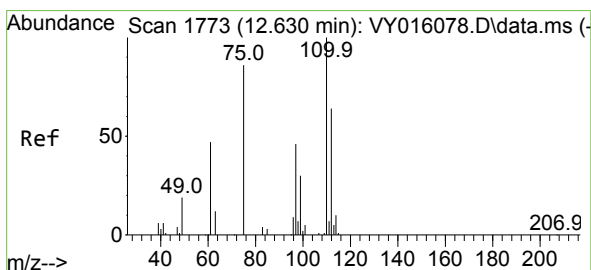
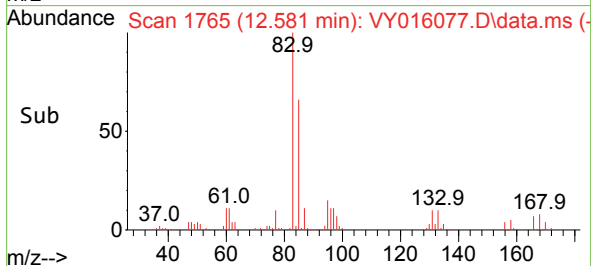
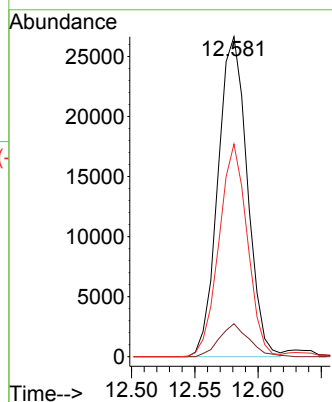
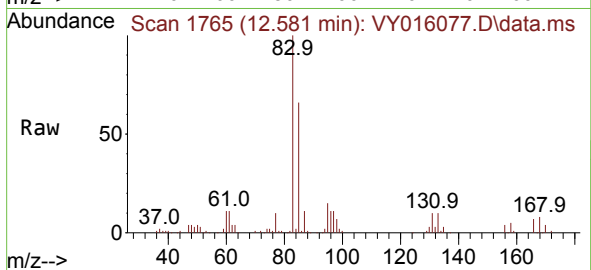
Tgt Ion: 83 Resp: 42923

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.596 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016077.D

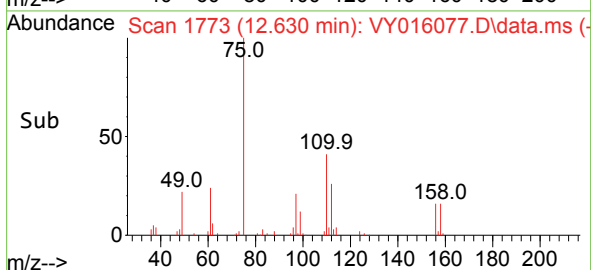
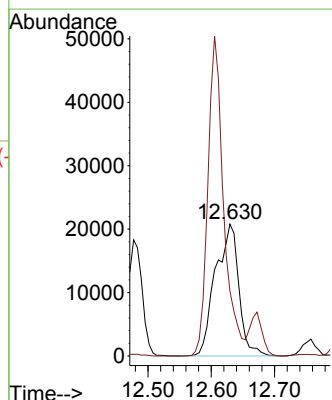
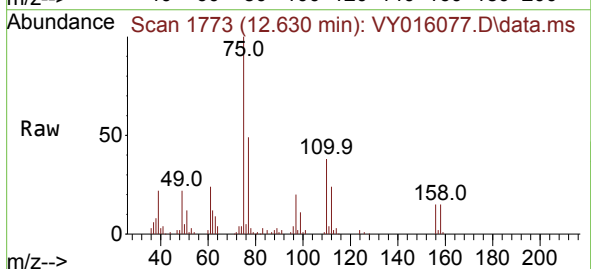
Acq: 26 Oct 2023 12:22

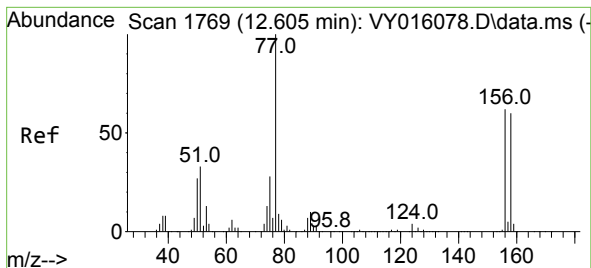
Tgt Ion: 75 Resp: 53378

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.965 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

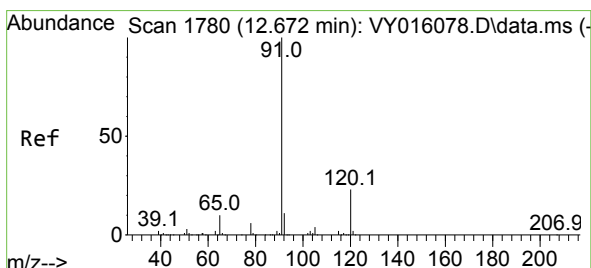
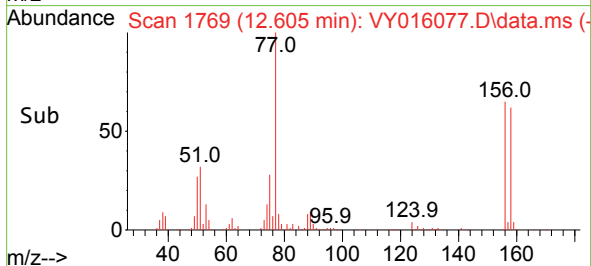
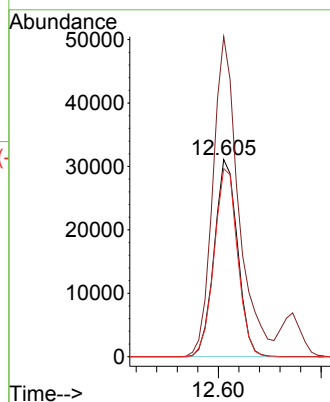
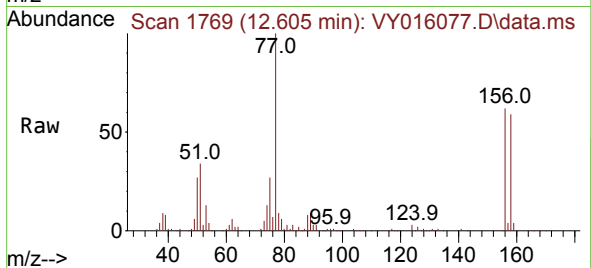
Tgt Ion:156 Resp: 48857

Ion Ratio Lower Upper

156 100

77 179.9 92.8 278.6

158 96.2 48.4 145.3



#78

n-propylbenzene

Concen: 20.947 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016077.D

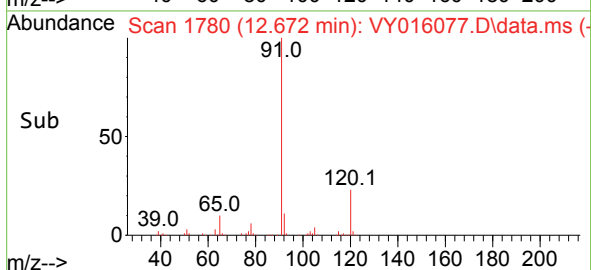
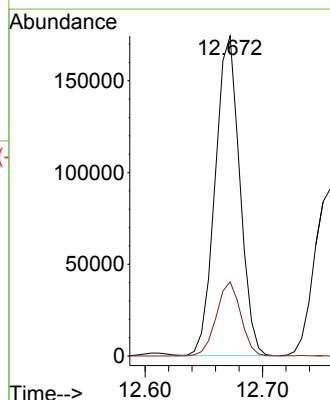
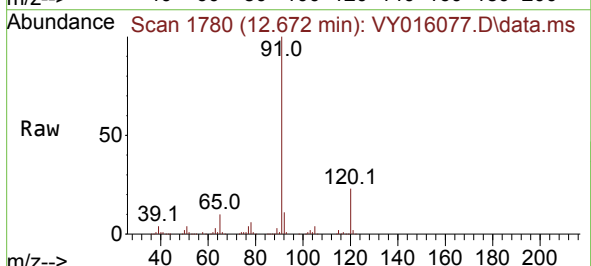
Acq: 26 Oct 2023 12:22

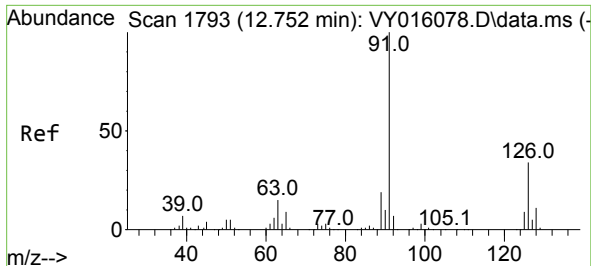
Tgt Ion: 91 Resp: 253260

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

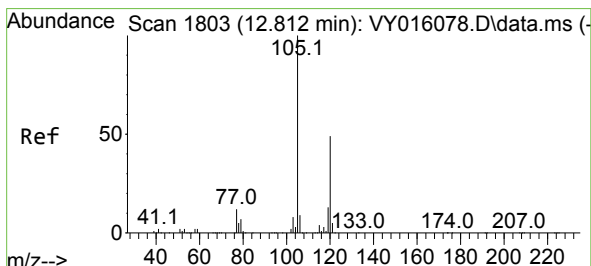
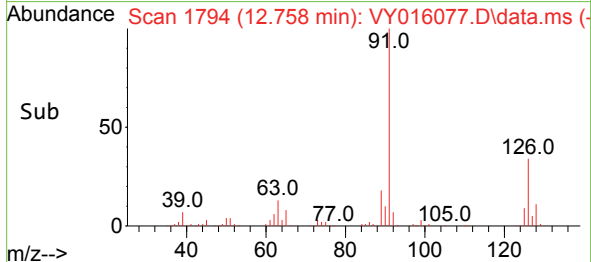
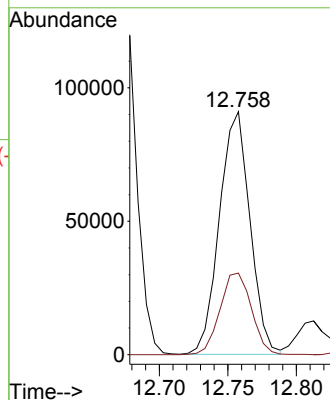
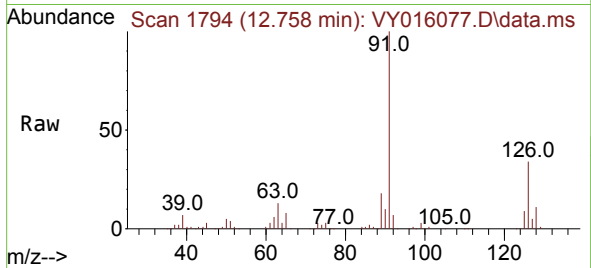




#79
2-Chlorotoluene
Concen: 20.855 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

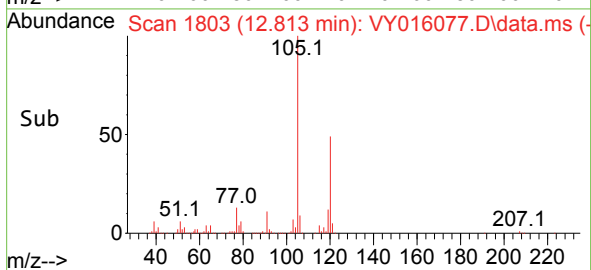
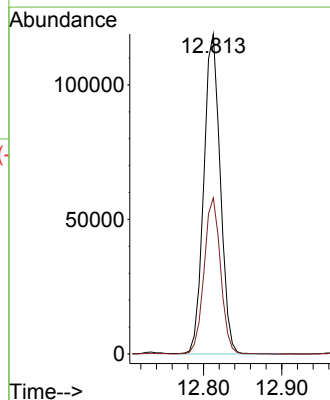
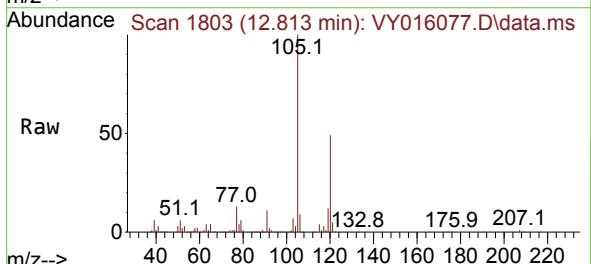
Instrument :
MSVOA_Y
ClientSampleId :

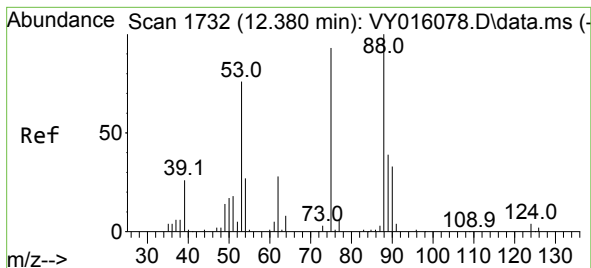
Tgt Ion: 91 Resp: 141215
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.950 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion:105 Resp: 173684
Ion Ratio Lower Upper
105 100
120 48.8 23.9 71.7

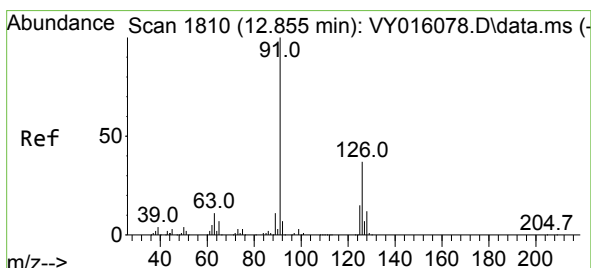
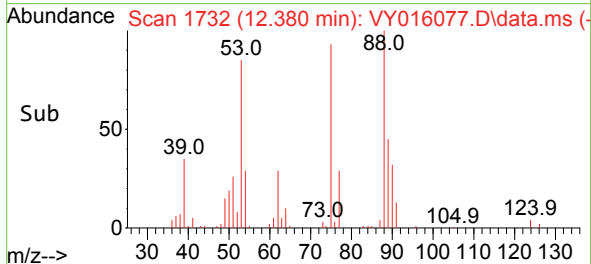
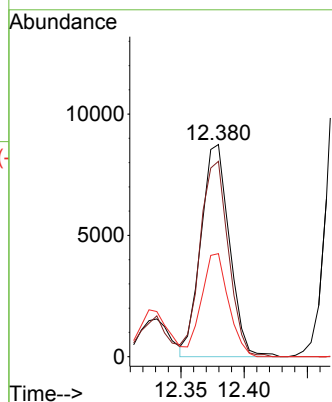
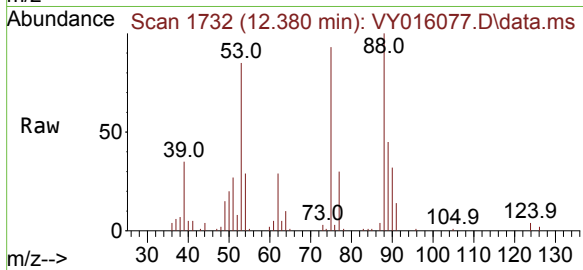




#81
trans-1,4-Dichloro-2-butene
Concen: 20.613 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

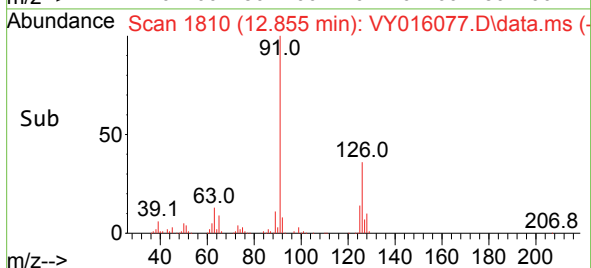
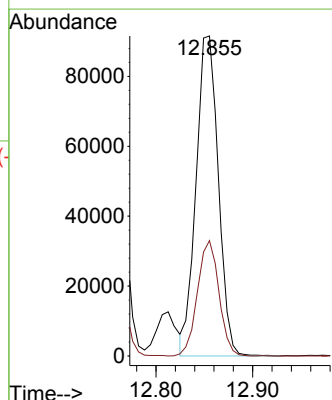
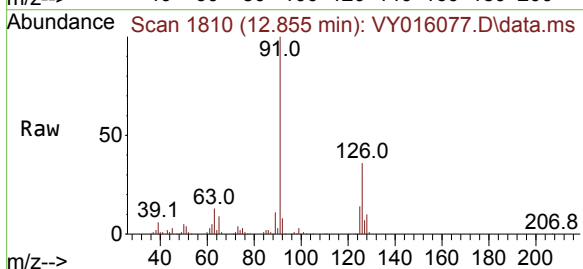
Instrument :
MSVOA_Y
ClientSampleId :

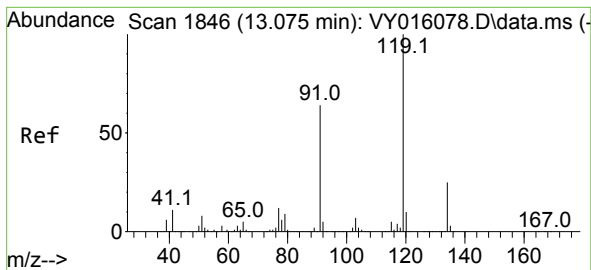
Tgt Ion: 75 Resp: 13741
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.896 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016077.D
Acq: 26 Oct 2023 12:22

Tgt Ion: 91 Resp: 146739
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.954 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

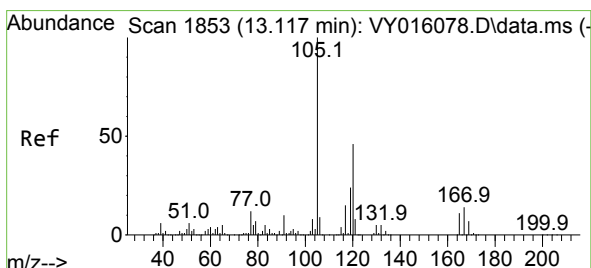
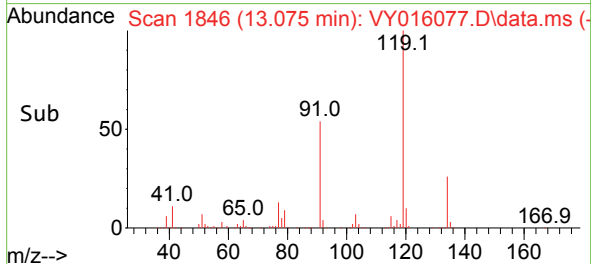
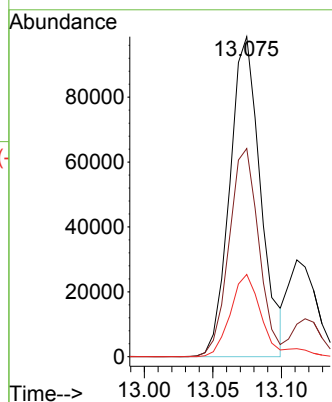
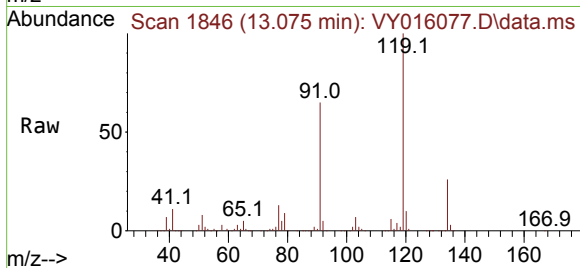
Tgt Ion:119 Resp: 154413

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.999 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016077.D

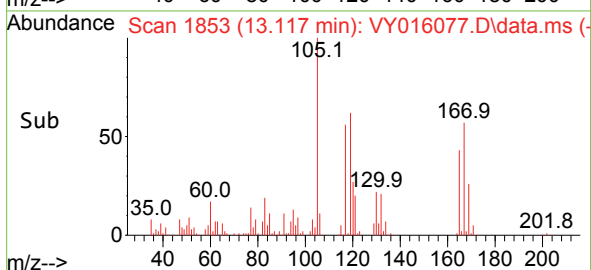
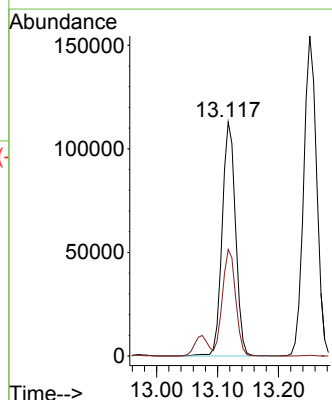
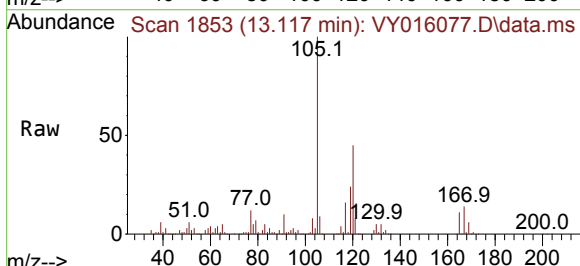
Acq: 26 Oct 2023 12:22

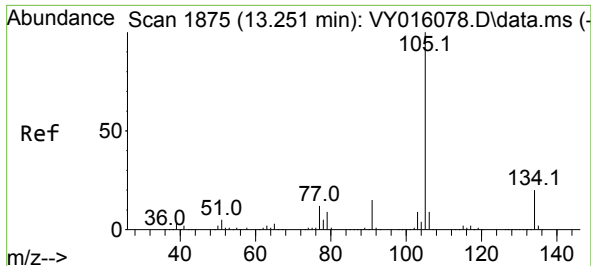
Tgt Ion:105 Resp: 171941

Ion Ratio Lower Upper

105 100

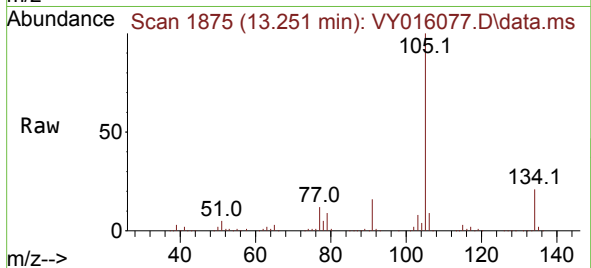
120 45.0 22.2 66.6



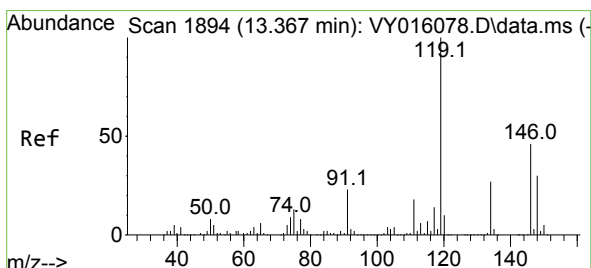
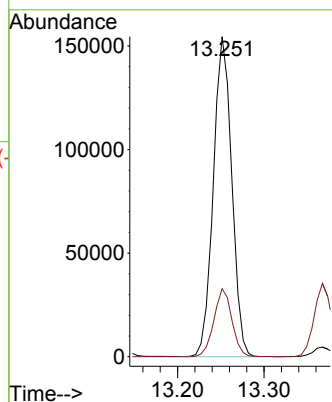
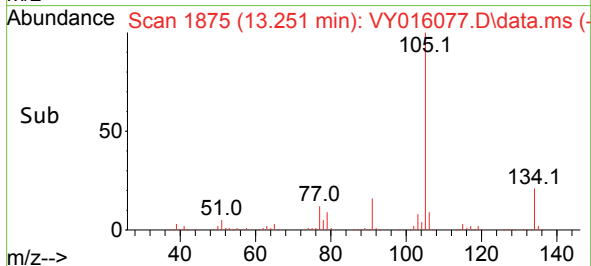


#85
 sec-Butylbenzene
 Concen: 20.805 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22

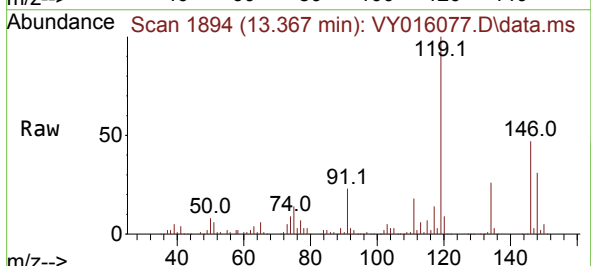
Instrument :
 MSVOA_Y
 ClientSampleId :



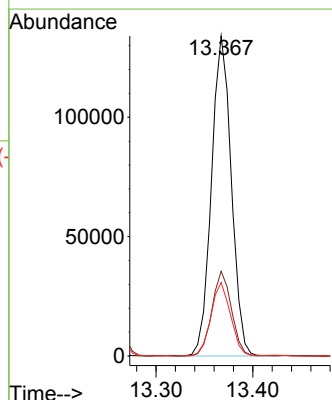
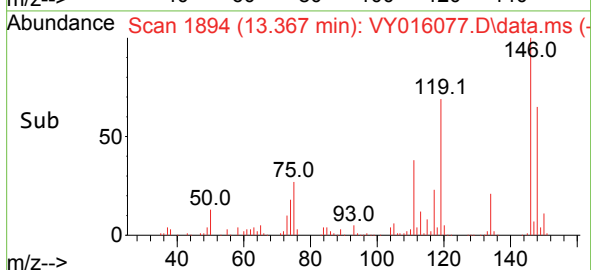
Tgt Ion:105 Resp: 228356
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6

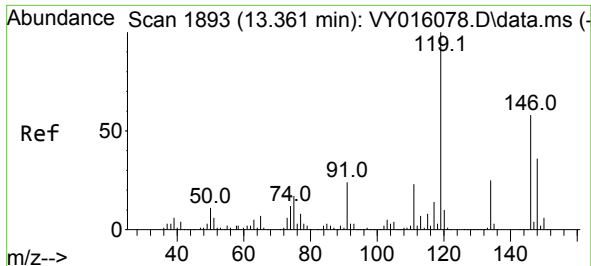


#86
 p-Isopropyltoluene
 Concen: 20.894 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY016077.D
 Acq: 26 Oct 2023 12:22



Tgt Ion:119 Resp: 191360
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.835 ug/l

RT: 13.367 min Scan# 1893

Delta R.T. 0.006 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

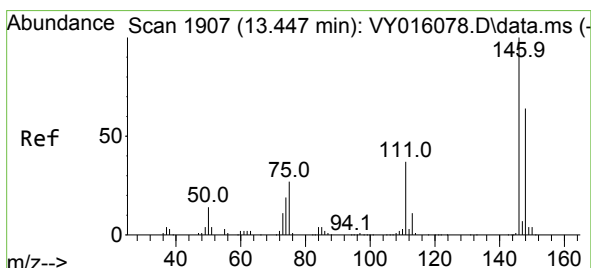
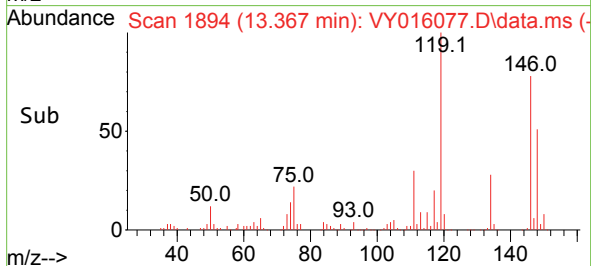
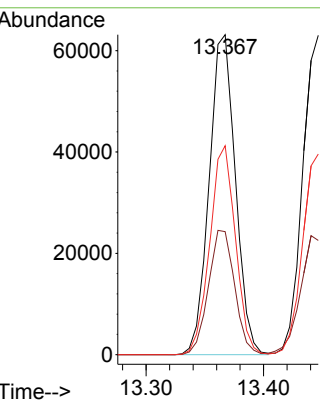
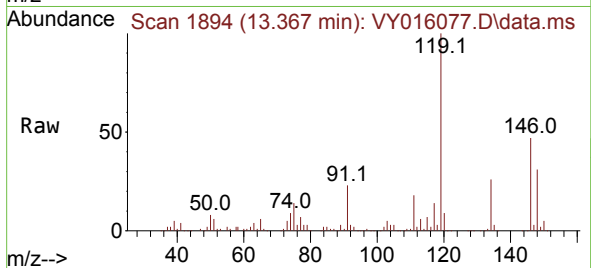
Tgt Ion:146 Resp: 98044

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.862 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

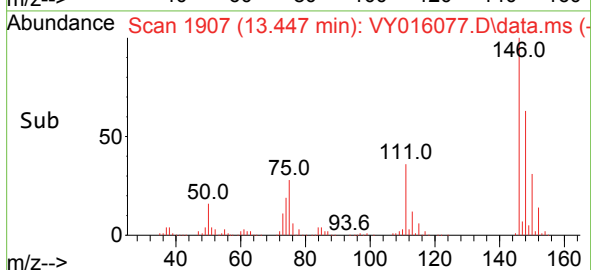
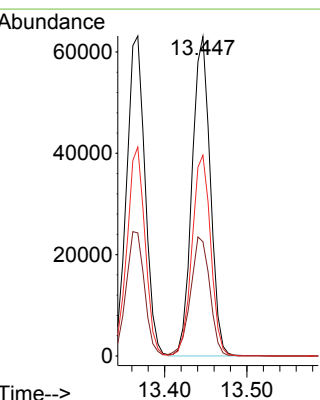
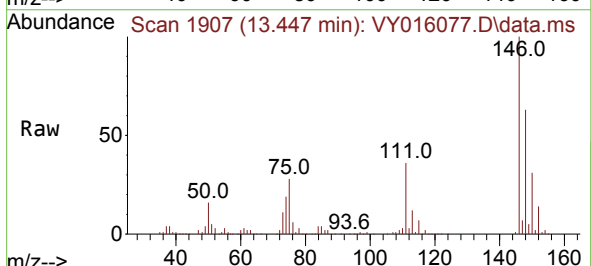
Tgt Ion:146 Resp: 97025

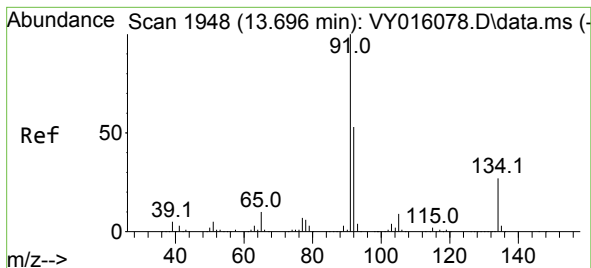
Ion Ratio Lower Upper

146 100

111 39.5 18.9 56.7

148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 20.832 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

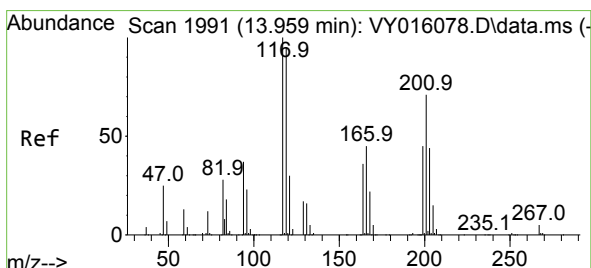
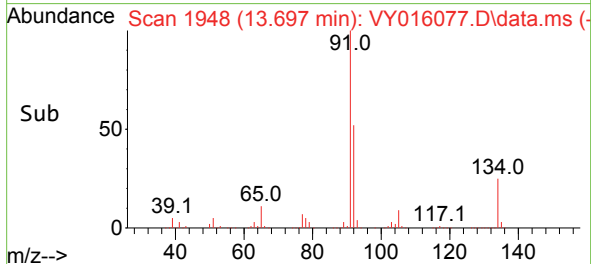
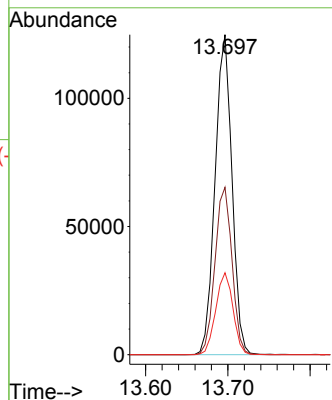
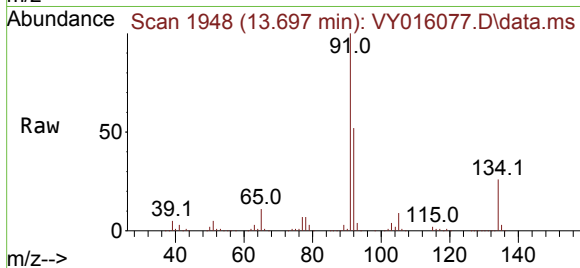
Tgt Ion: 91 Resp: 177976

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 26.1 12.6 37.6



#90

Hexachloroethane

Concen: 20.527 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016077.D

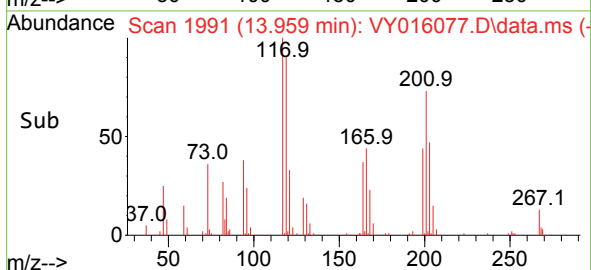
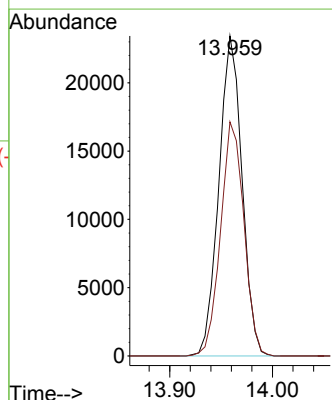
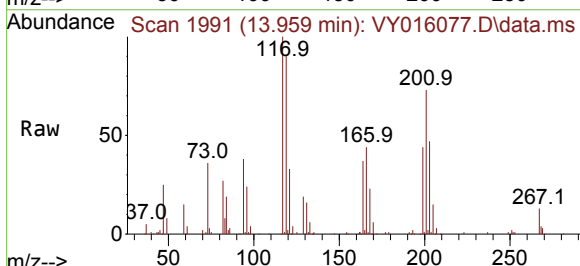
Acq: 26 Oct 2023 12:22

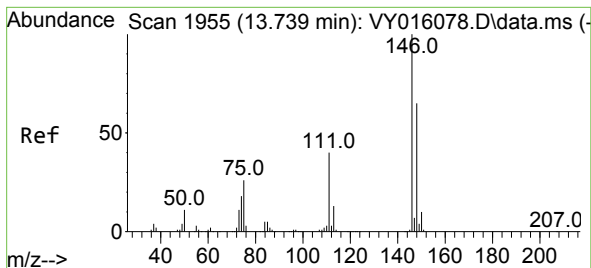
Tgt Ion: 117 Resp: 36601

Ion Ratio Lower Upper

117 100

201 73.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.883 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

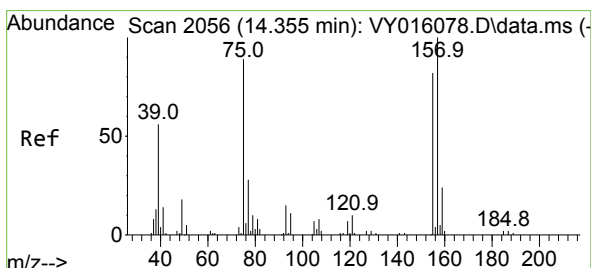
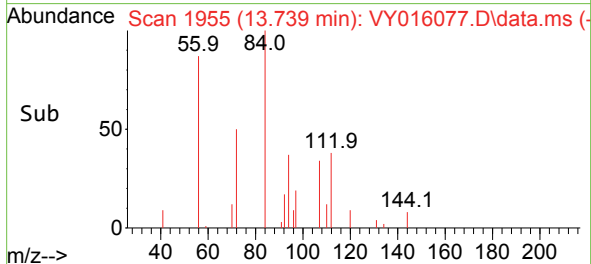
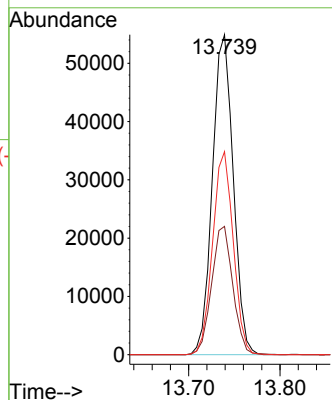
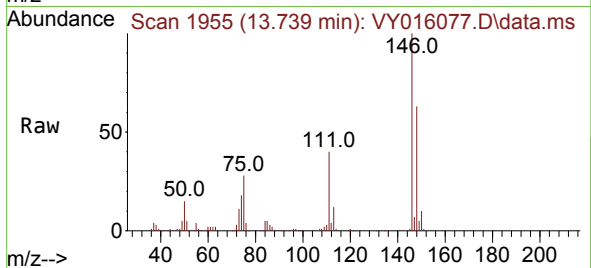
Tgt Ion:146 Resp: 87005

Ion Ratio Lower Upper

146 100

111 40.7 19.7 59.0

148 62.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.363 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

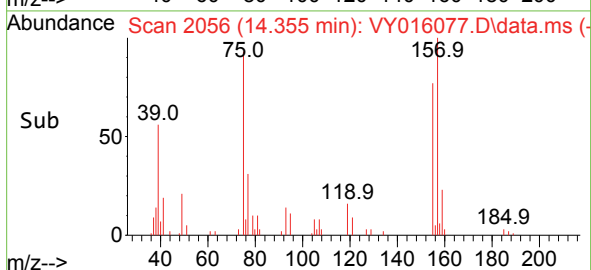
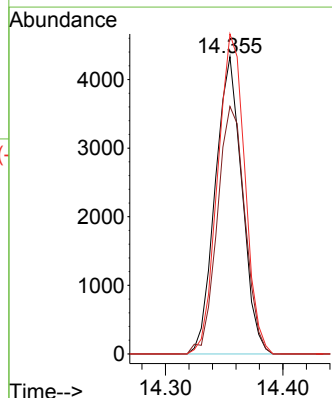
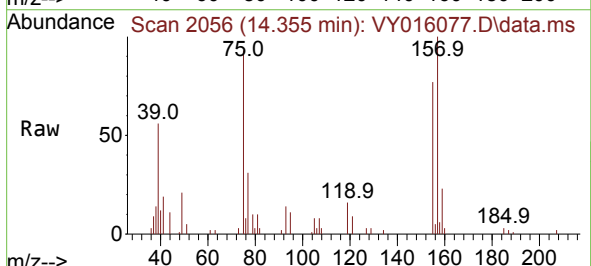
Tgt Ion: 75 Resp: 6846

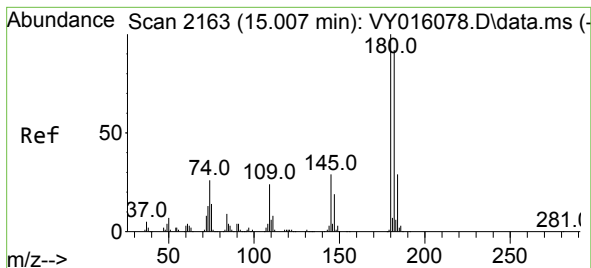
Ion Ratio Lower Upper

75 100

155 86.2 41.5 124.6

157 109.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.954 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

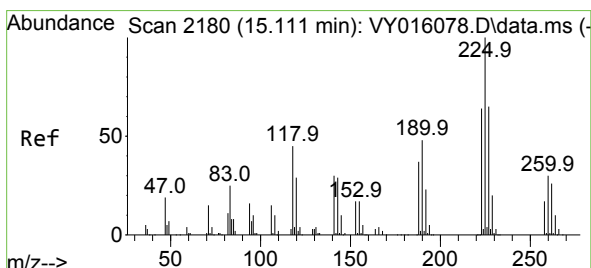
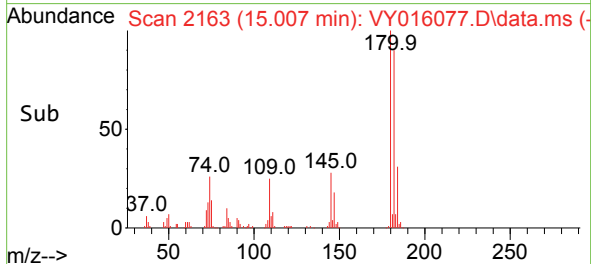
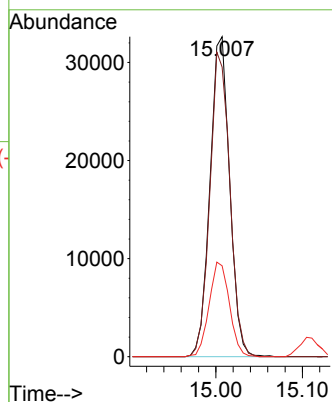
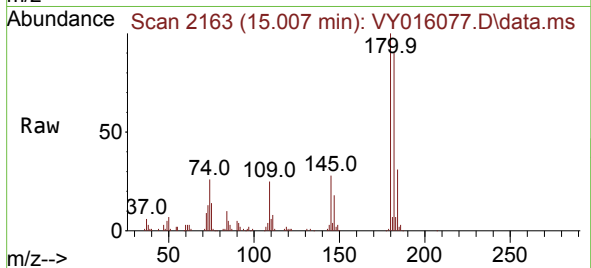
Tgt Ion:180 Resp: 51433

Ion Ratio Lower Upper

180 100

182 96.7 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.775 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

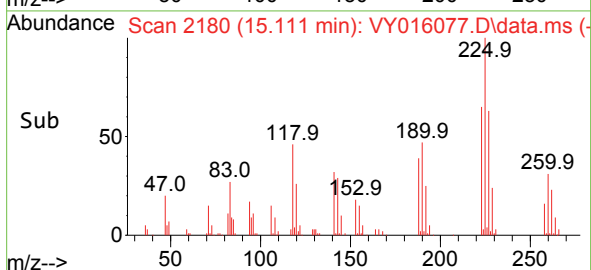
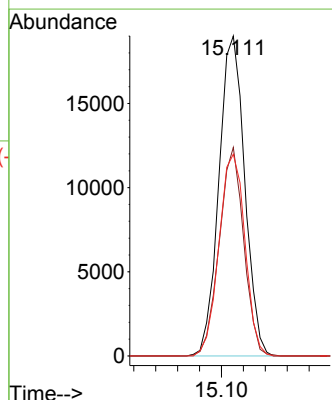
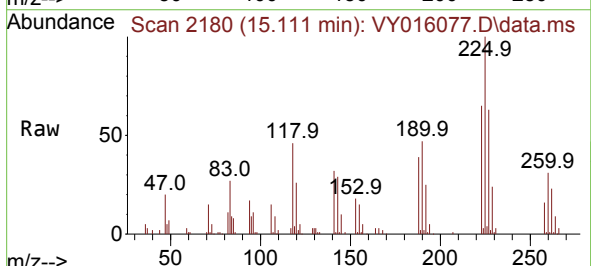
Tgt Ion:225 Resp: 31080

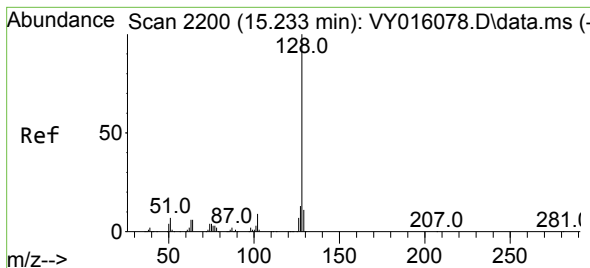
Ion Ratio Lower Upper

225 100

223 61.8 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 19.887 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

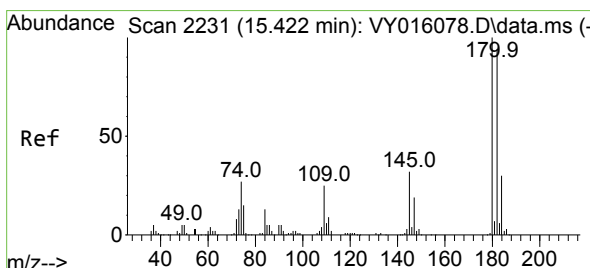
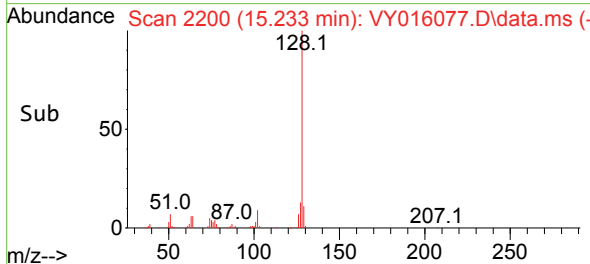
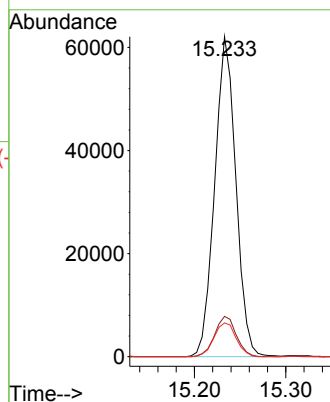
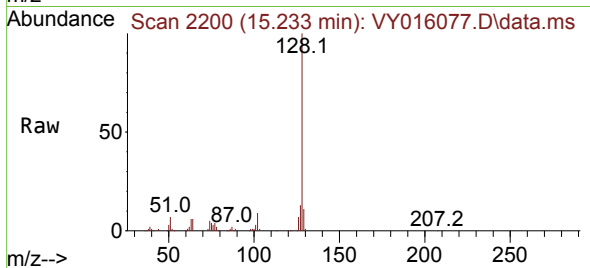
Tgt Ion:128 Resp: 99971

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.896 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016077.D

Acq: 26 Oct 2023 12:22

Tgt Ion:180 Resp: 44226

Ion Ratio Lower Upper

180 100

182 97.4 47.3 141.8

145 32.5 15.4 46.2

