

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015319.D
 Acq On : 24 Aug 2023 18:05
 Operator : SY/MD
 Sample : 04014-02MS
 Misc : 7.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 03:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	141101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	228229	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211092	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	114778	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	92027	54.332	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.660%	
35) Dibromofluoromethane	7.716	113	78413	53.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.800%	
50) Toluene-d8	10.179	98	288591	52.800	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.600%	
62) 4-Bromofluorobenzene	12.483	95	116863	58.538	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	27920	45.782	ug/l	100
3) Chloromethane	2.107	50	39886	47.112	ug/l	100
4) Vinyl Chloride	2.241	62	49710	44.274	ug/l	97
5) Bromomethane	2.637	94	35112	43.887	ug/l	98
6) Chloroethane	2.784	64	39594	48.571	ug/l	98
7) Trichlorofluoromethane	3.113	101	95122	50.278	ug/l	99
8) Diethyl Ether	3.521	74	38055	51.288	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	57810	49.166	ug/l	96
10) Methyl Iodide	4.082	142	46261	40.068	ug/l	100
11) Tert butyl alcohol	4.978	59	53249	186.859	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	47240	48.114	ug/l	89
13) Acrolein	3.722	56	5332	Below Cal		83
14) Allyl chloride	4.466	41	82467	47.374	ug/l	98
15) Acrylonitrile	5.161	53	135785	270.043	ug/l	100
16) Acetone	3.954	43	153666	277.710	ug/l	94
17) Carbon Disulfide	4.186	76	73818	42.721	ug/l	97
18) Methyl Acetate	4.478	43	114047	56.243	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	229829	55.052	ug/l	97
20) Methylene Chloride	4.704	84	87675	67.607	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	52921	47.784	ug/l	95
22) Diisopropyl ether	6.118	45	219924	50.631	ug/l	91
23) Vinyl Acetate	6.057	43	554104	213.789	ug/l	95
24) 1,1-Dichloroethane	6.009	63	118052	50.200	ug/l	98
25) 2-Butanone	6.984	43	203661	259.950	ug/l	96
26) 2,2-Dichloropropane	6.978	77	106013	46.764	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	76607	50.637	ug/l	94
28) Bromochloromethane	7.332	49	49669	45.972	ug/l	91
29) Tetrahydrofuran	7.344	42	119372	254.815	ug/l	92
30) Chloroform	7.502	83	137596	52.194	ug/l	94
31) Cyclohexane	7.777	56	73258	48.337	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	116869	52.097	ug/l	98
36) 1,1-Dichloropropene	7.911	75	81309	50.055	ug/l	99
37) Ethyl Acetate	7.069	43	78679	51.964	ug/l #	95
38) Carbon Tetrachloride	7.899	117	96144	50.011	ug/l	99
39) Methylcyclohexane	9.185	83	87851	48.244	ug/l	92
40) Benzene	8.155	78	384049	78.201	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	48241	61.788	ug/l #	87
42) 1,2-Dichloroethane	8.234	62	95056	53.295	ug/l	95
43) Isopropyl Acetate	8.270	43	143785	52.147	ug/l	98
44) Trichloroethene	8.941	130	75736	53.529	ug/l	97
45) 1,2-Dichloropropane	9.215	63	71881	51.905	ug/l	96
46) Dibromomethane	9.301	93	47293	54.146	ug/l	97
47) Bromodichloromethane	9.496	83	111841	53.660	ug/l	96
48) Methyl methacrylate	9.295	41	65970	55.930	ug/l	93
49) 1,4-Dioxane	9.313	88	18216	1042.961	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	448205	280.475	ug/l	93
52) Toluene	10.240	92	218091	67.375	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	113681	51.900	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	118137	51.211	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	76108	57.307	ug/l	96
56) Ethyl methacrylate	10.508	69	111369	57.300	ug/l	91
57) 1,3-Dichloropropane	10.788	76	120574	55.570	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	240032	265.372	ug/l	93
59) 2-Hexanone	10.831	43	335805	283.930	ug/l	92
60) Dibromochloromethane	10.983	129	88031	55.568	ug/l	98
61) 1,2-Dibromoethane	11.087	107	69785	55.314	ug/l	99
64) Tetrachloroethene	10.721	164	98386	66.899	ug/l	97
65) Chlorobenzene	11.514	112	199461	51.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	84015	53.836	ug/l	99
67) Ethyl Benzene	11.593	91	626962	93.038	ug/l	99
68) m/p-Xylenes	11.703	106	298994	116.822	ug/l	96
69) o-Xylene	12.026	106	155386	60.944	ug/l	98
70) Styrene	12.044	104	254639	57.704	ug/l	98
71) Bromoform	12.209	173	60584	53.553	ug/l #	100
73) Isopropylbenzene	12.331	105	388546	52.644	ug/l	100
74) N-amyl acetate	12.142	43	131212	49.240	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	97018	50.471	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	129000	92.508	ug/l #	100
77) Bromobenzene	12.605	156	88626	49.263	ug/l	96
78) n-propylbenzene	12.672	91	447584	51.068	ug/l	99
79) 2-Chlorotoluene	12.757	91	258796	51.186	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	325739	52.946	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	30017	47.281	ug/l	97
82) 4-Chlorotoluene	12.855	91	255835	48.978	ug/l	99
83) tert-Butylbenzene	13.074	119	276128	49.069	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	381651	62.080	ug/l	100
85) sec-Butylbenzene	13.251	105	408991	49.604	ug/l	99
86) p-Isopropyltoluene	13.367	119	340190	49.765	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	174062	48.780	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	174757	48.828	ug/l	95
89) n-Butylbenzene	13.696	91	319664	49.596	ug/l	96
90) Hexachloroethane	13.958	117	70586	52.049	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	168581	50.572	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20984	56.352	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	104206	48.693	ug/l	97
94) Hexachlorobutadiene	15.111	225	48732	41.863	ug/l	97
95) Naphthalene	15.233	128	2904516	544.830	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	99557	51.511	ug/l	98

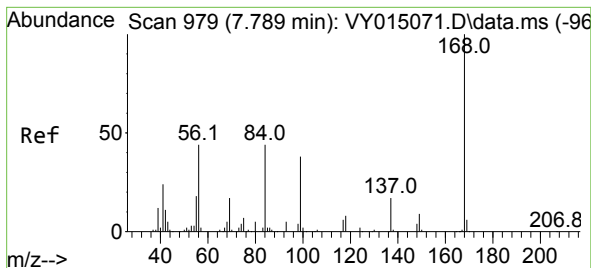
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

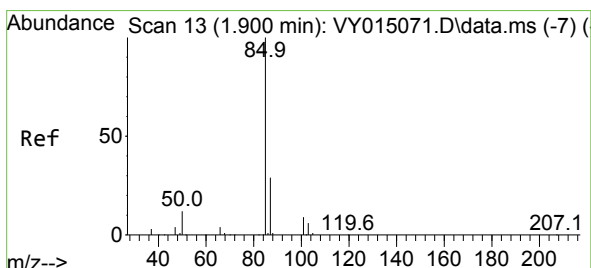
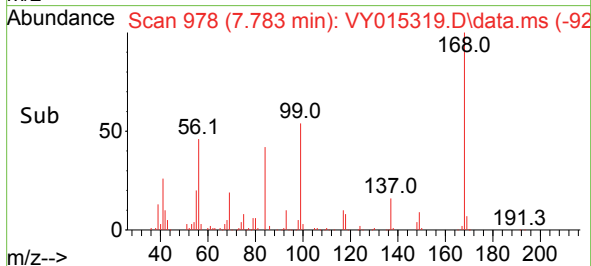
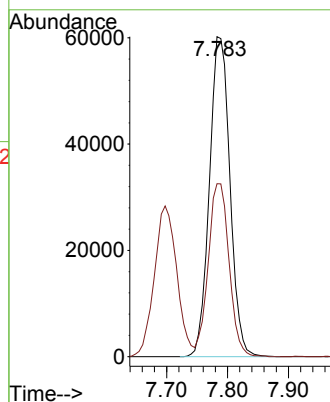
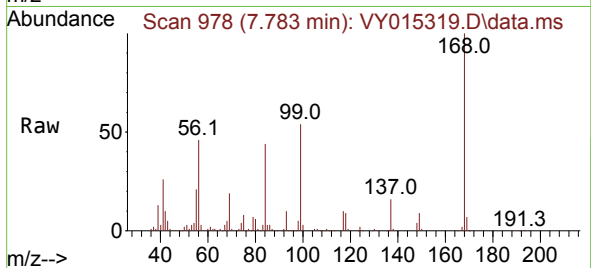
ClientSampleId :

Tgt Ion:168 Resp: 141101

Ion Ratio Lower Upper

168 100

99 54.0 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 45.782 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015319.D

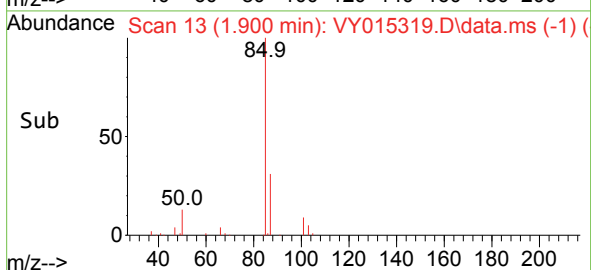
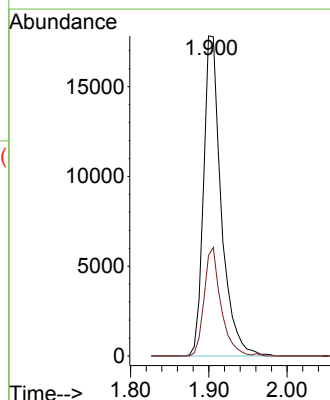
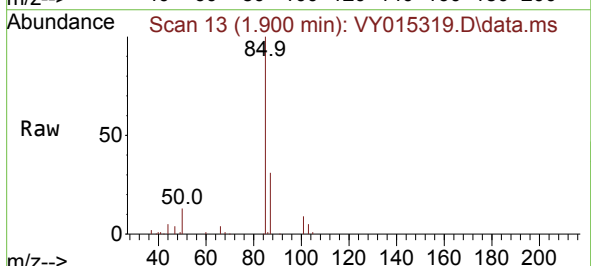
Acq: 24 Aug 2023 18:05

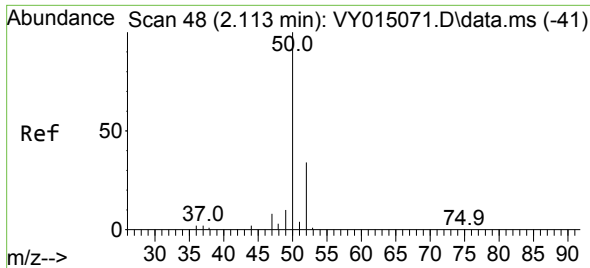
Tgt Ion: 85 Resp: 27920

Ion Ratio Lower Upper

85 100

87 31.5 15.6 46.8

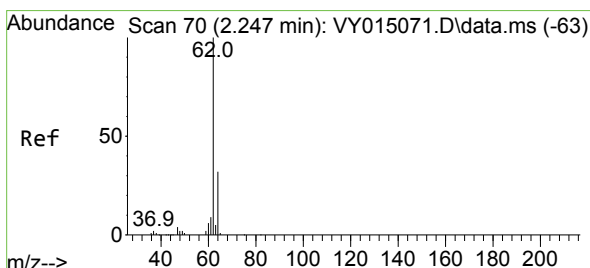
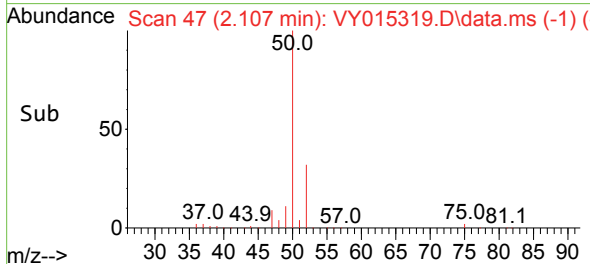
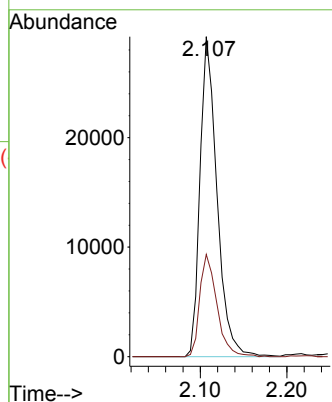
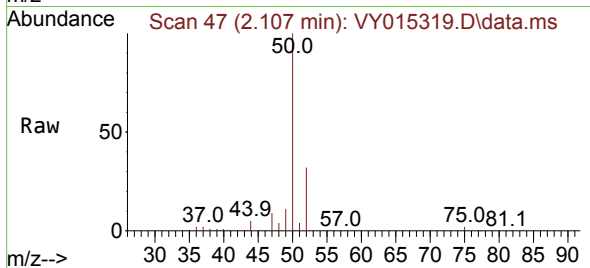




#3
Chloromethane
Concen: 47.112 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

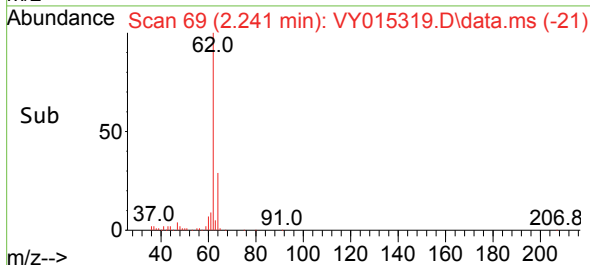
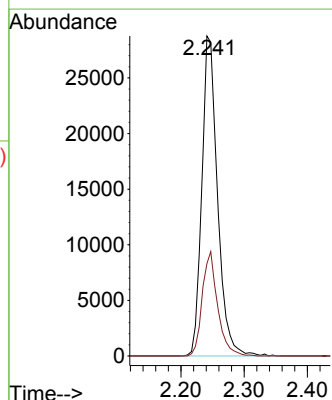
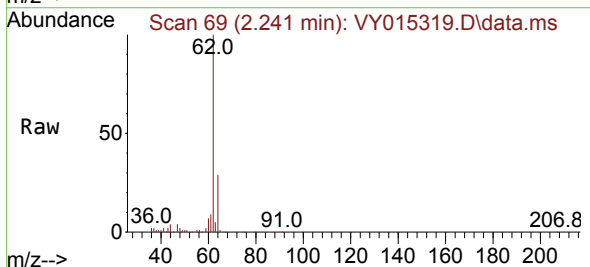
Instrument :
MSVOA_Y
ClientSampleId :

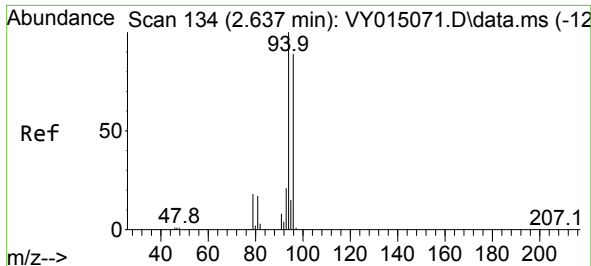
Tgt Ion: 50 Resp: 39886
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 44.274 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 62 Resp: 49710
Ion Ratio Lower Upper
62 100
64 28.8 24.3 36.5





#5

Bromomethane

Concen: 43.887 ug/l

RT: 2.637 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

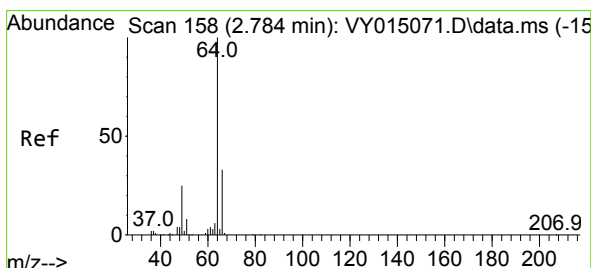
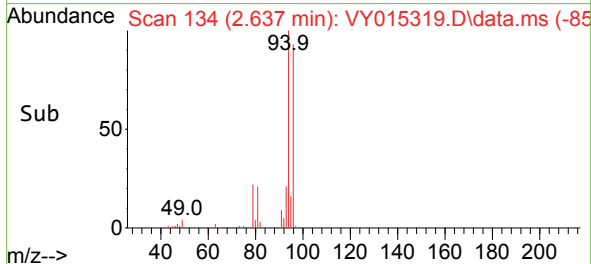
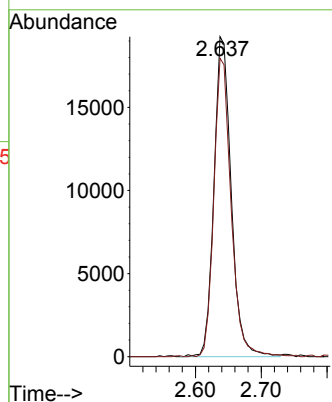
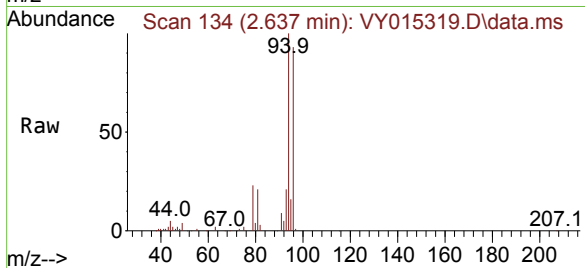
ClientSampleId :

Tgt Ion: 94 Resp: 35112

Ion Ratio Lower Upper

94 100

96 92.9 75.8 113.6



#6

Chloroethane

Concen: 48.571 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015319.D

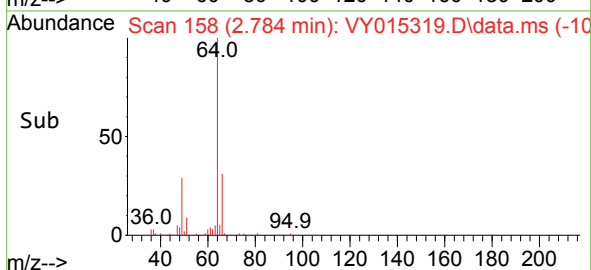
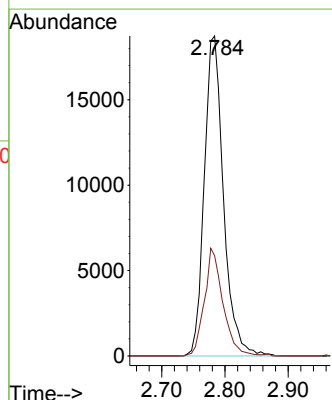
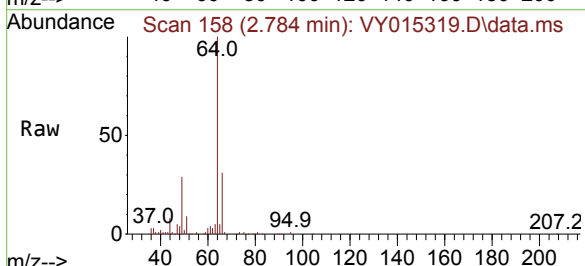
Acq: 24 Aug 2023 18:05

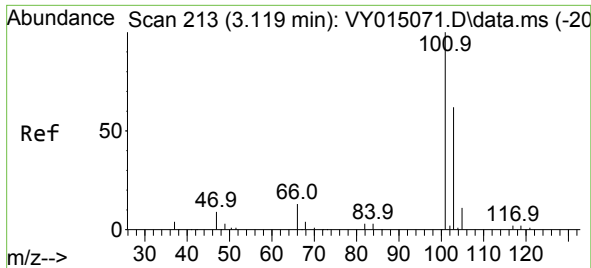
Tgt Ion: 64 Resp: 39594

Ion Ratio Lower Upper

64 100

66 31.4 24.4 36.6

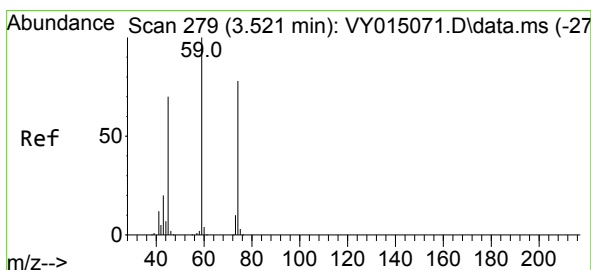
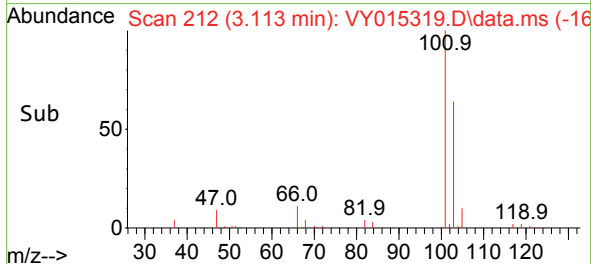
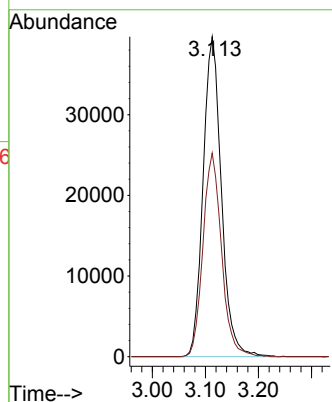
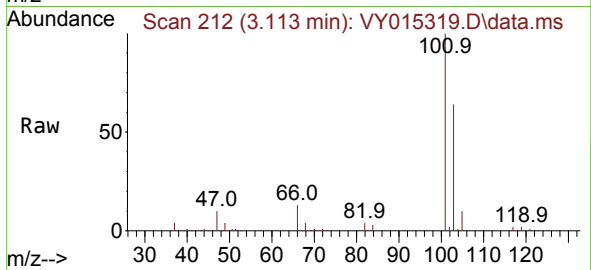




#7
Trichlorofluoromethane
Concen: 50.278 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

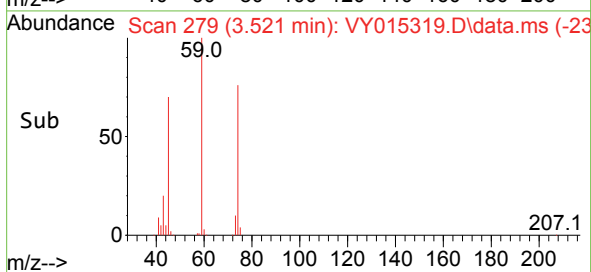
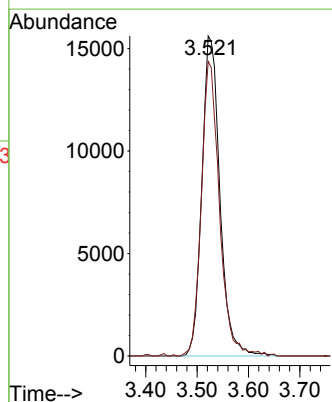
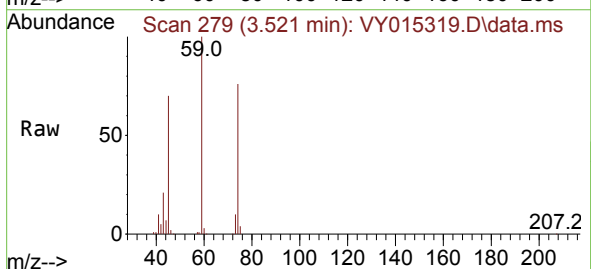
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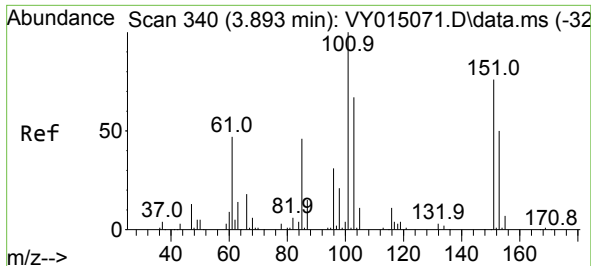
Tgt Ion:101 Resp: 95122
Ion Ratio Lower Upper
101 100
103 63.7 51.4 77.0



#8
Diethyl Ether
Concen: 51.288 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 74 Resp: 38055
Ion Ratio Lower Upper
74 100
45 92.4 51.5 154.5

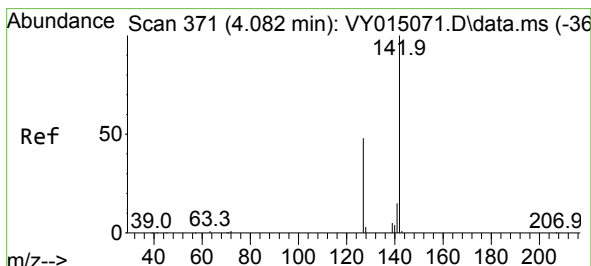
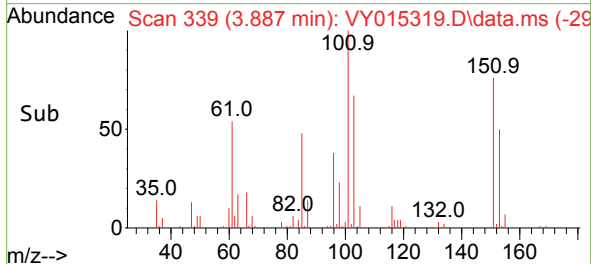
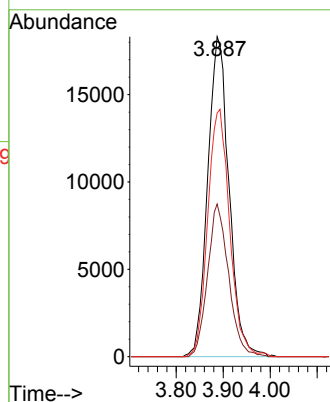
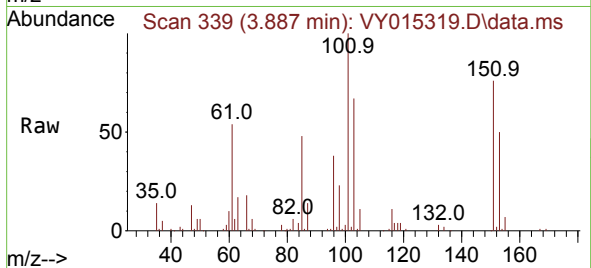




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.166 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.000 min
Lab File: VY015319.D
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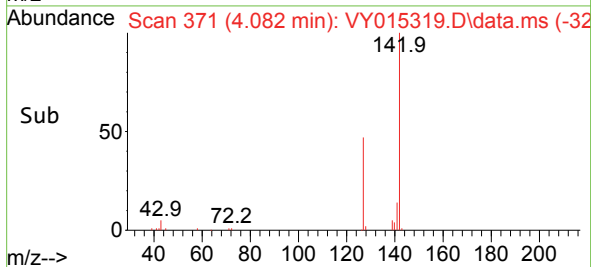
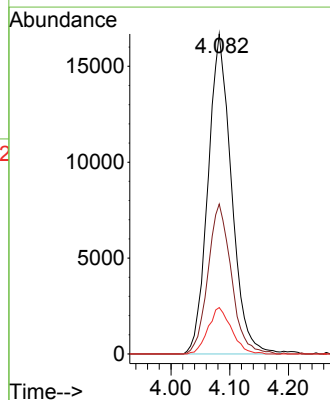
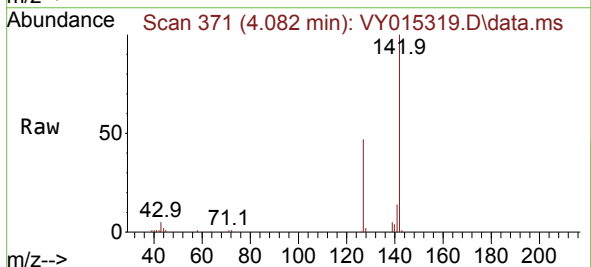
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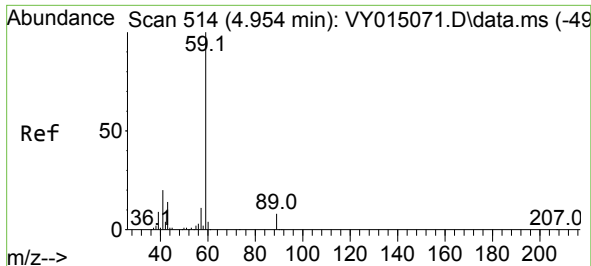
Tgt Ion:101 Resp: 57810
Ion Ratio Lower Upper
101 100
85 47.0 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 40.068 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion:142 Resp: 46261
Ion Ratio Lower Upper
142 100
127 46.7 37.6 56.4
141 14.5 11.8 17.8

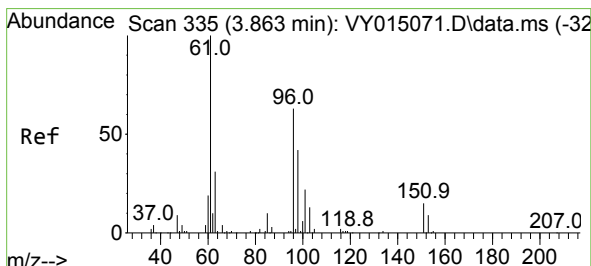
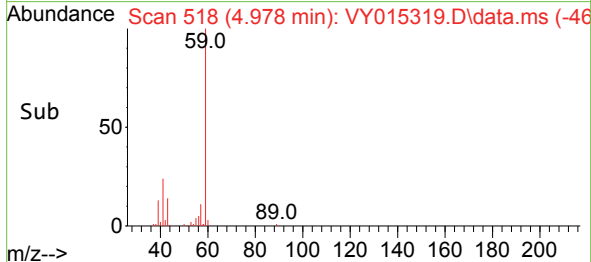
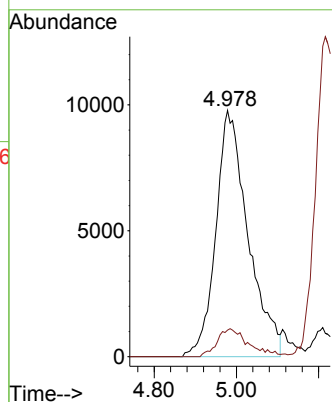
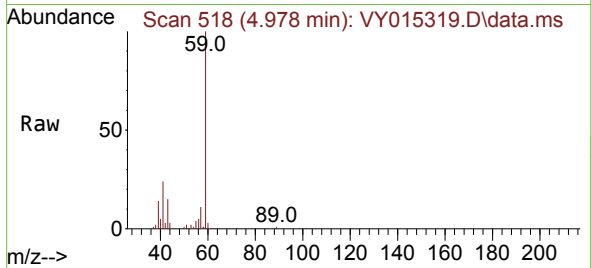




#11
Tert butyl alcohol
Concen: 186.859 ug/l
RT: 4.978 min Scan# 514
Delta R.T. 0.030 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

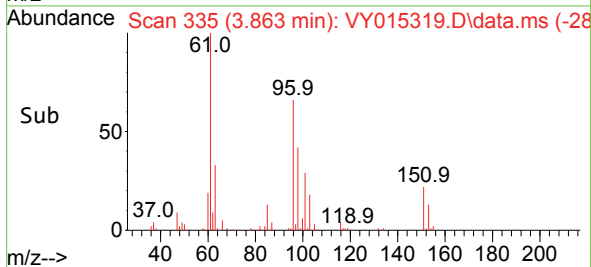
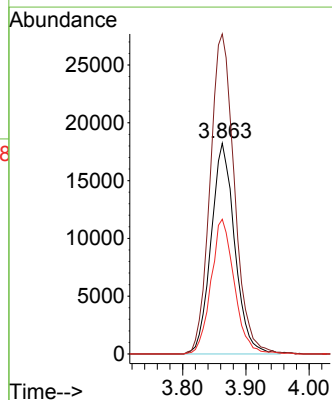
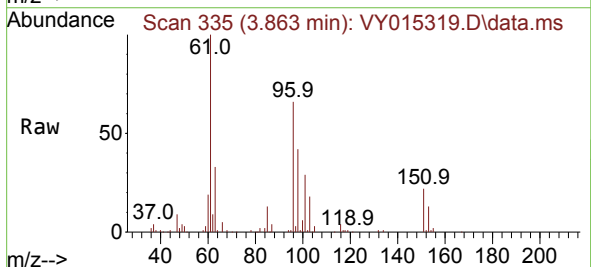
Instrument :
MSVOA_Y
ClientSampleId :

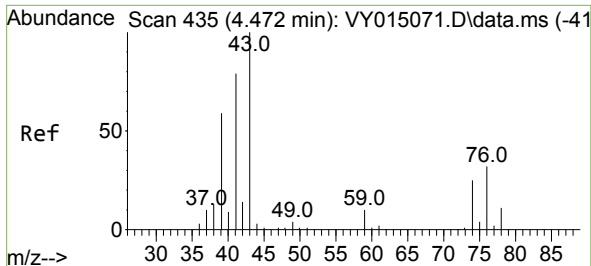
Tgt Ion: 59 Resp: 53249
Ion Ratio Lower Upper
59 100
57 11.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.114 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

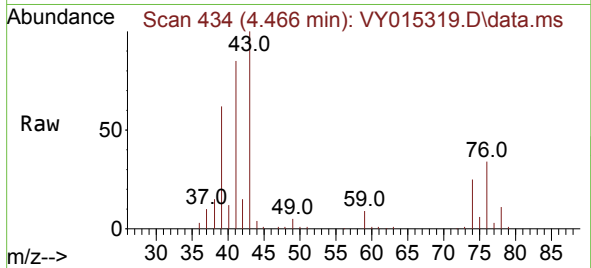
Tgt Ion: 96 Resp: 47240
Ion Ratio Lower Upper
96 100
61 151.9 136.4 204.6
98 63.9 49.4 74.2



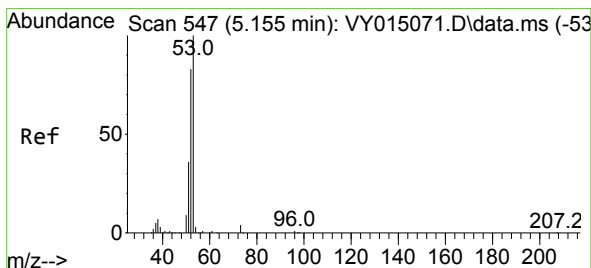
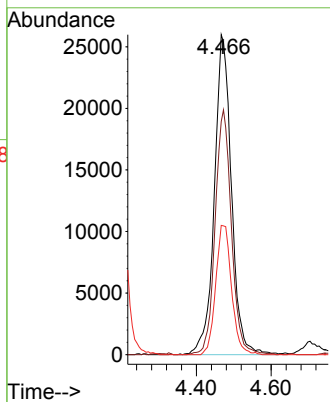
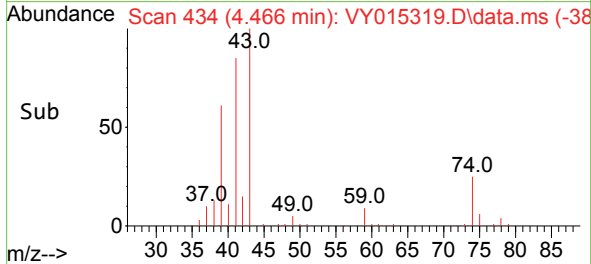


#14
 Allyl chloride
 Concen: 47.374 ug/l
 RT: 4.466 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

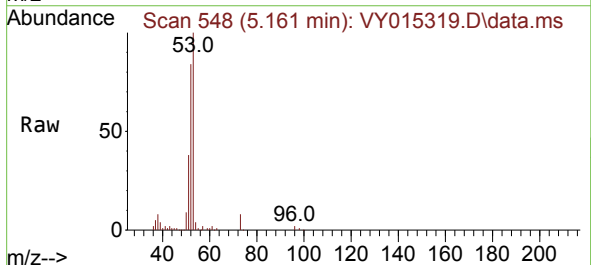
Instrument :
 MSVOA_Y
 ClientSampleId :



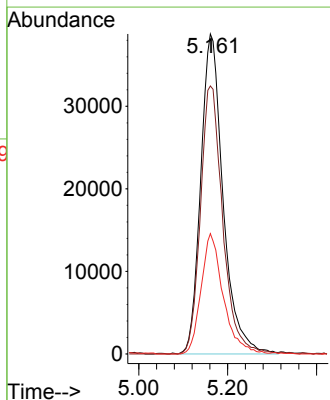
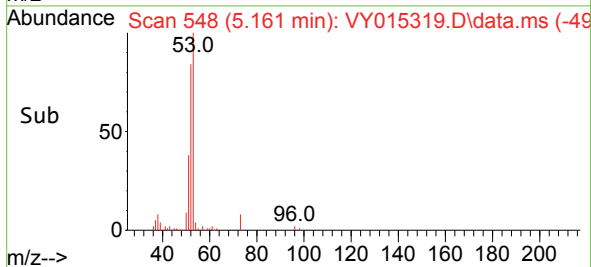
Tgt Ion	Ratio	Lower	Upper
41	100		
39	73.0	58.0	87.0
76	37.6	27.4	41.2

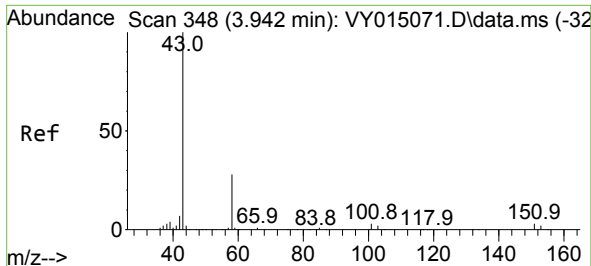


#15
 Acrylonitrile
 Concen: 270.043 ug/l
 RT: 5.161 min Scan# 548
 Delta R.T. 0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05



Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	37.3	29.8	44.6

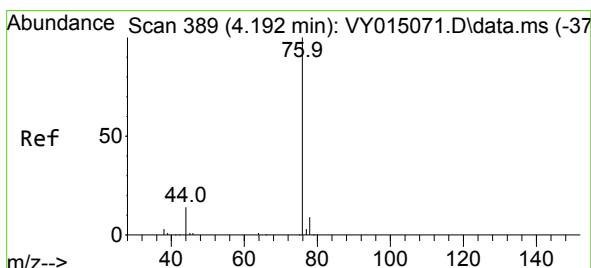
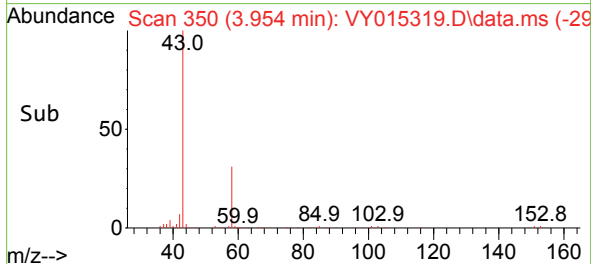
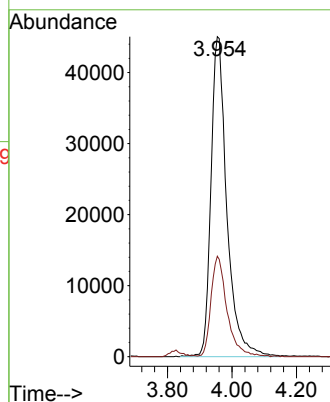
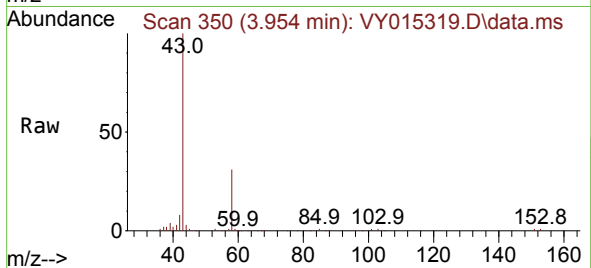




#16
Acetone
Concen: 277.710 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

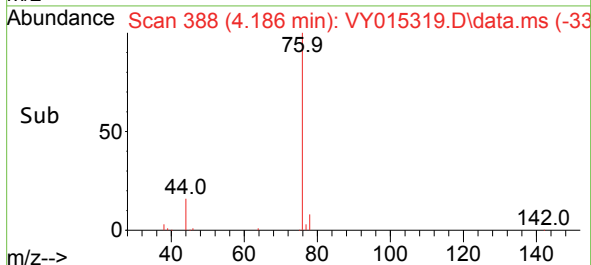
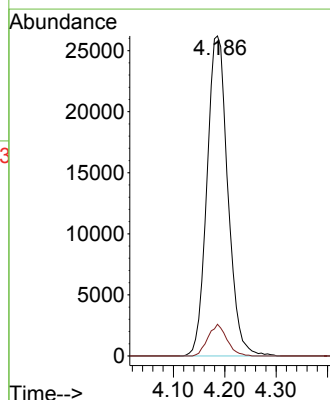
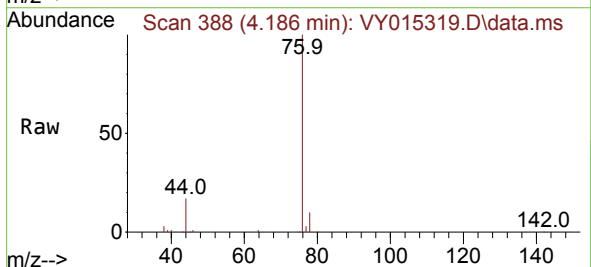
Instrument :
MSVOA_Y
ClientSampleId :

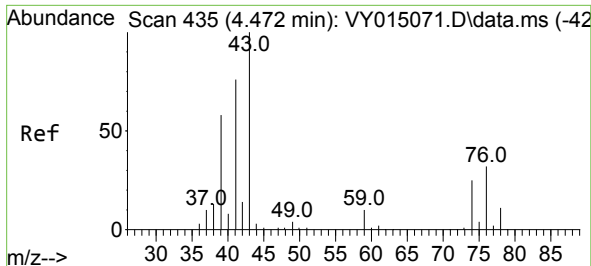
Tgt Ion: 43 Resp: 153666
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1



#17
Carbon Disulfide
Concen: 42.721 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 76 Resp: 73818
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4





#18

Methyl Acetate

Concen: 56.243 ug/l

RT: 4.478 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

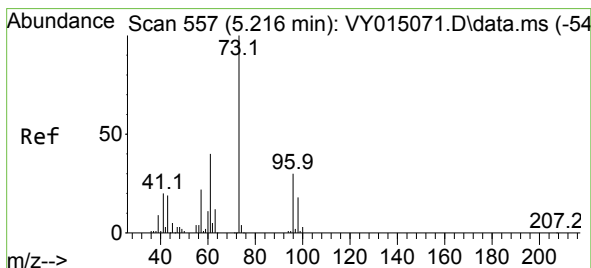
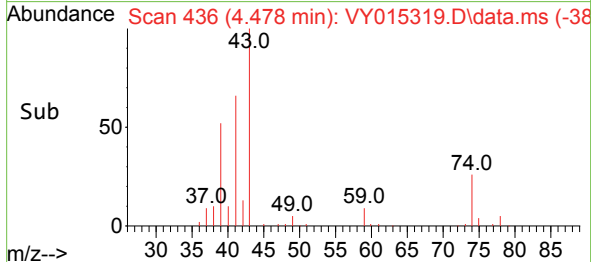
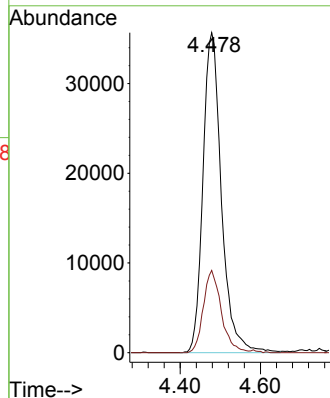
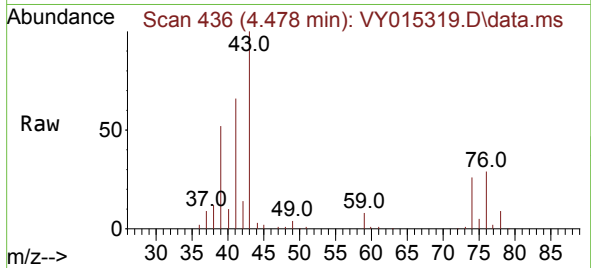
ClientSampleId :

Tgt Ion: 43 Resp: 114047

Ion Ratio Lower Upper

43 100

74 25.0 17.4 26.0



#19

Methyl tert-butyl Ether

Concen: 55.052 ug/l

RT: 5.222 min Scan# 558

Delta R.T. 0.012 min

Lab File: VY015319.D

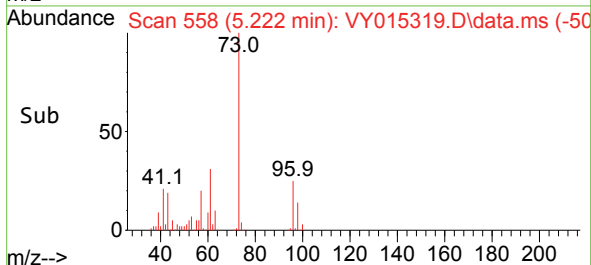
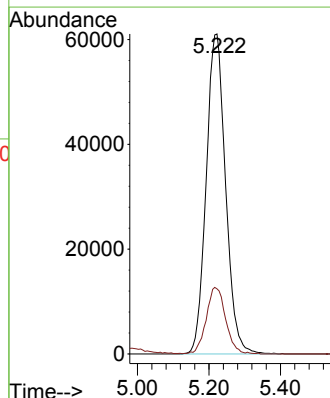
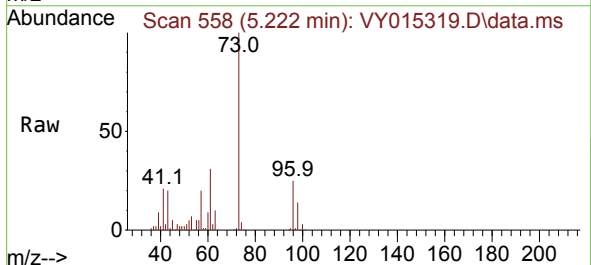
Acq: 24 Aug 2023 18:05

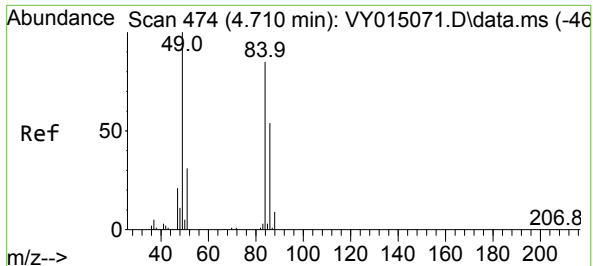
Tgt Ion: 73 Resp: 229829

Ion Ratio Lower Upper

73 100

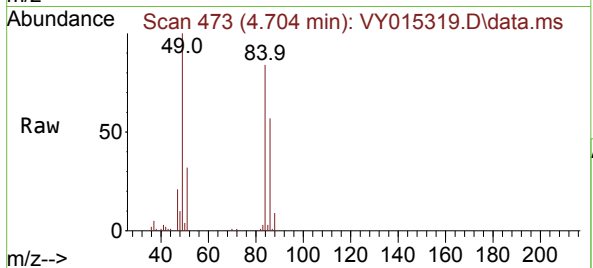
57 20.4 17.3 25.9



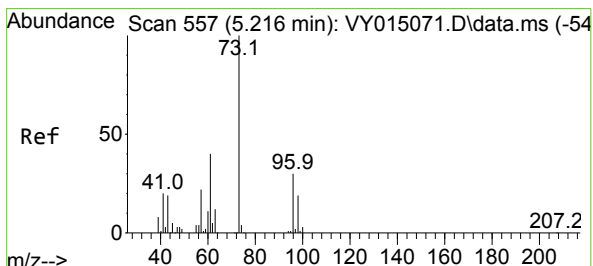
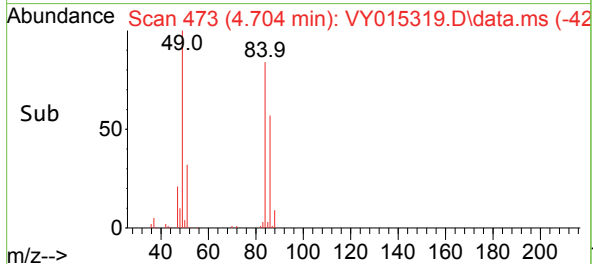
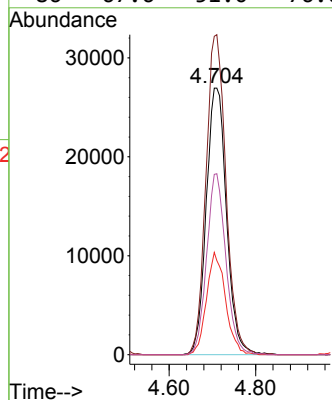


#20
Methylene Chloride
Concen: 67.607 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :

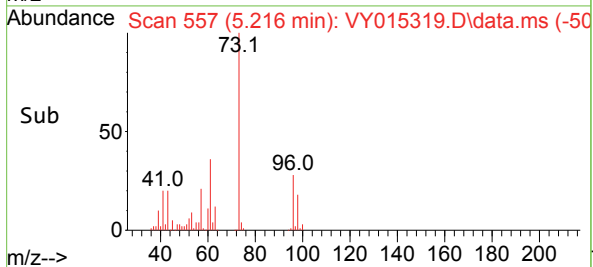
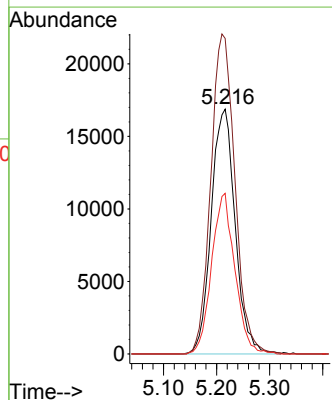
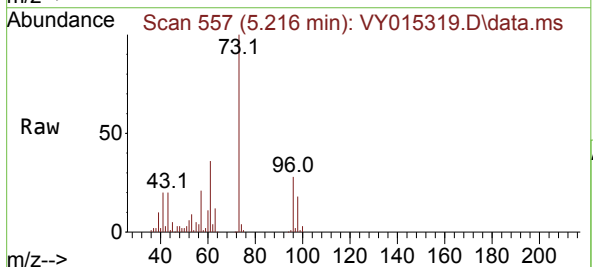


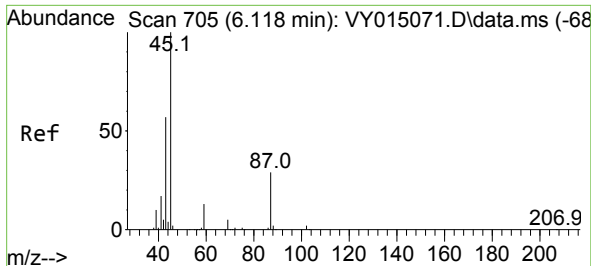
Tgt Ion: 84 Resp: 87675
Ion Ratio Lower Upper
84 100
49 119.4 106.9 160.3
51 38.4 33.2 49.8
86 67.6 51.0 76.6



#21
trans-1,2-Dichloroethene
Concen: 47.784 ug/l
RT: 5.216 min Scan# 557
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

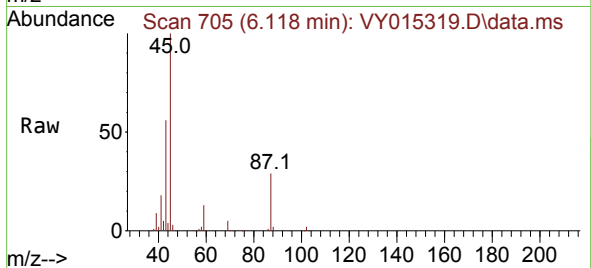
Tgt Ion: 96 Resp: 52921
Ion Ratio Lower Upper
96 100
61 128.9 110.2 165.4
98 65.6 51.8 77.6



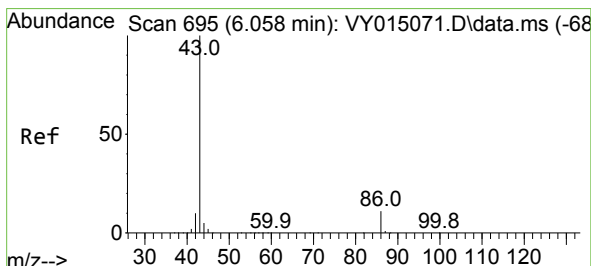
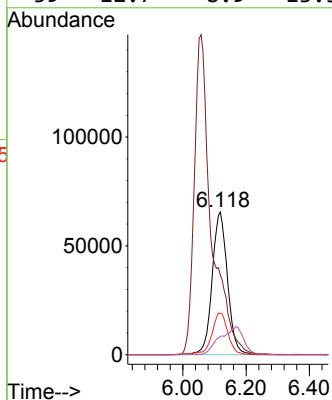
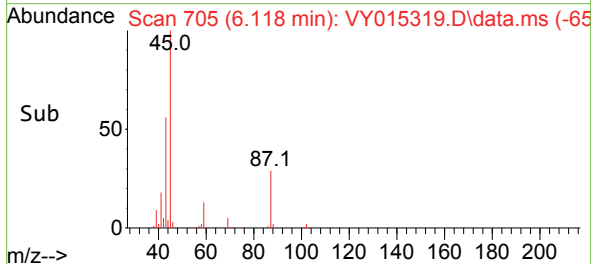


#22
Diisopropyl ether
Concen: 50.631 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Instrument :
MSVOA_Y
ClientSampleId :

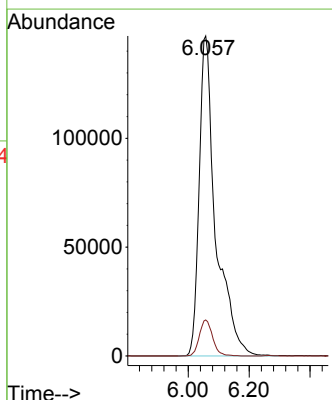
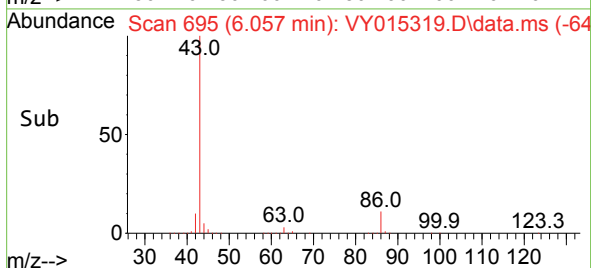
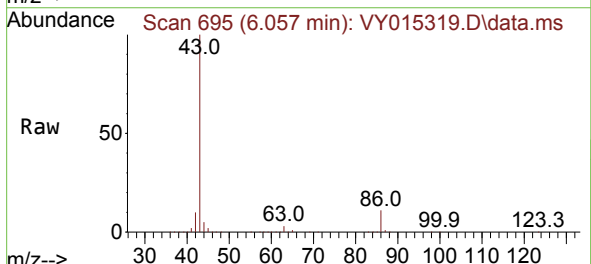


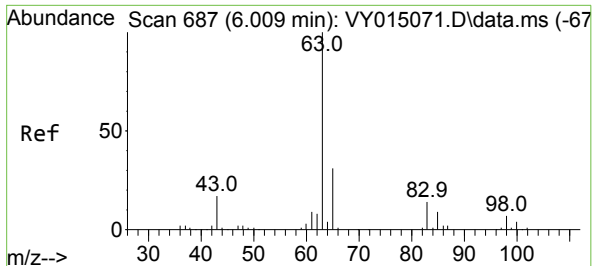
Tgt Ion:	45	Resp:	219924
Ion	Ratio	Lower	Upper
45	100		
43	55.8	52.2	78.4
87	29.1	21.0	31.6
59	12.7	8.9	13.3



#23
Vinyl Acetate
Concen: 213.789 ug/l
RT: 6.057 min Scan# 695
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion:	43	Resp:	554104
Ion	Ratio	Lower	Upper
43	100		
86	11.3	7.5	11.3

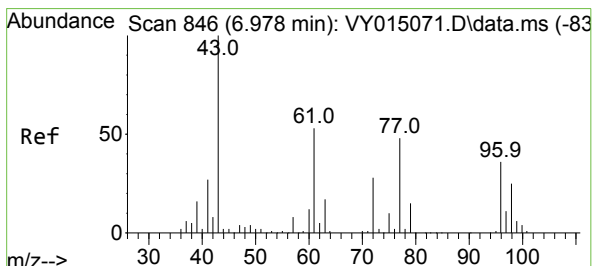
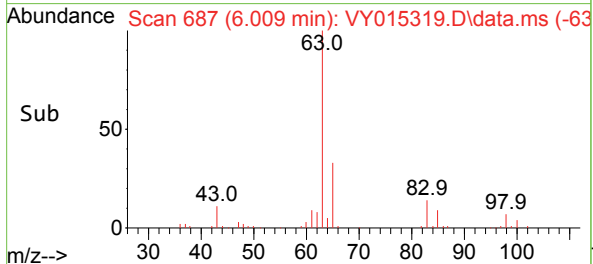
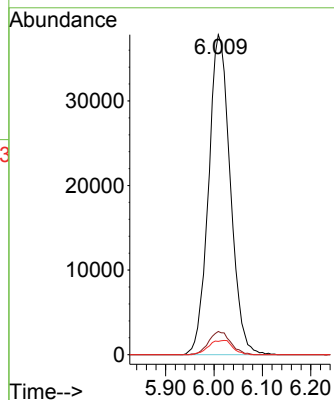
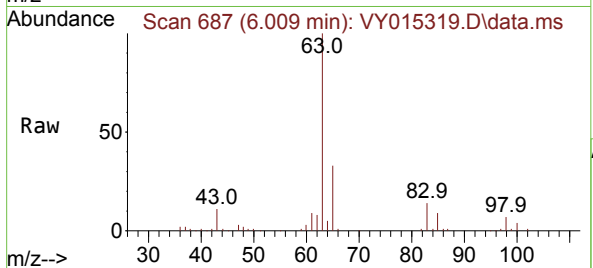




#24
1,1-Dichloroethane
Concen: 50.200 ug/l
RT: 6.009 min Scan# 611
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

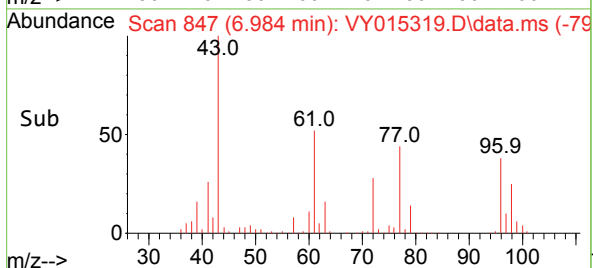
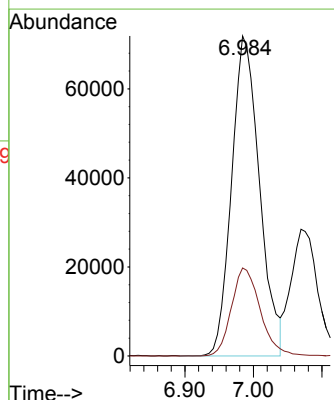
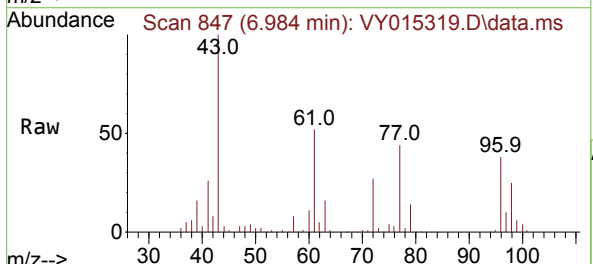
Instrument :
MSVOA_Y
ClientSampleId :

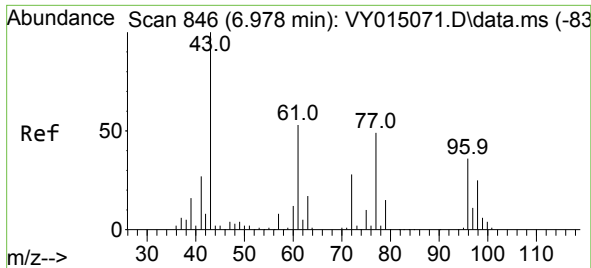
Tgt Ion: 63 Resp: 118052
Ion Ratio Lower Upper
63 100
98 7.2 3.1 9.4
100 4.2 1.8 5.5



#25
2-Butanone
Concen: 259.950 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 43 Resp: 203661
Ion Ratio Lower Upper
43 100
72 27.5 20.5 30.7

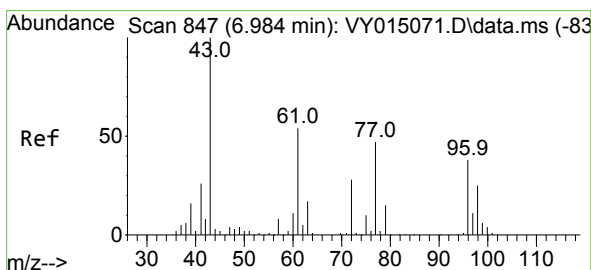
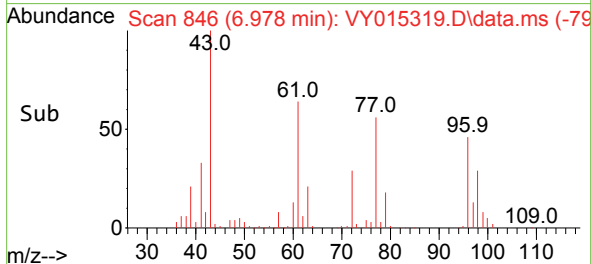
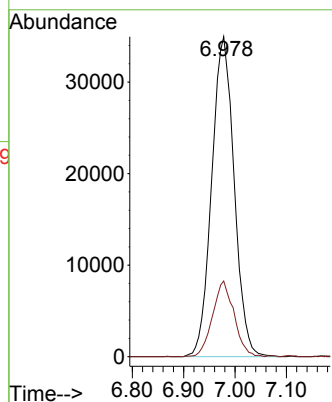
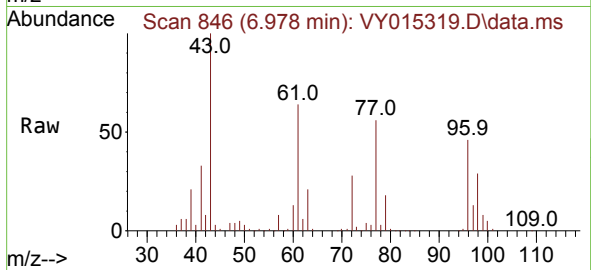




#26
2,2-Dichloropropane
Concen: 46.764 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

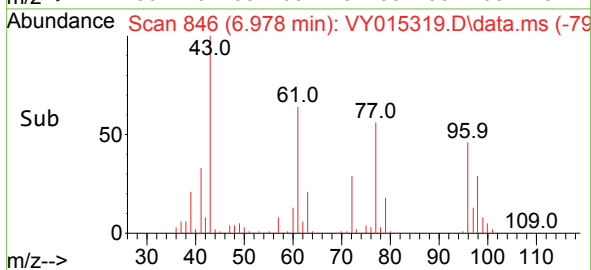
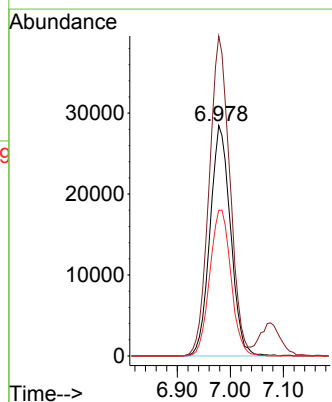
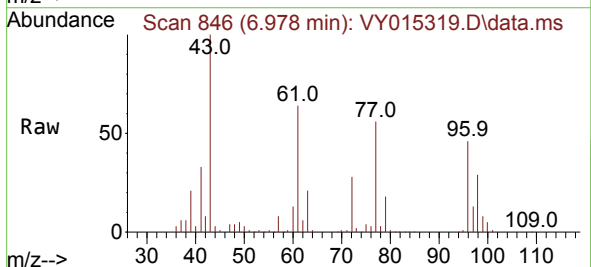
Instrument :
MSVOA_Y
ClientSampleId :

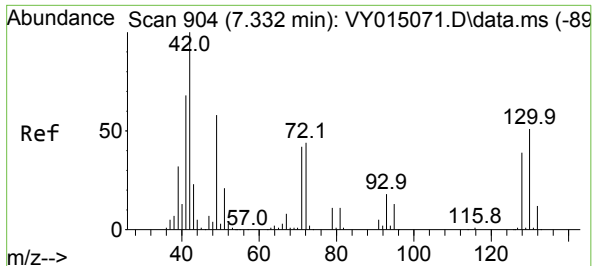
Tgt Ion: 77 Resp: 106013
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 50.637 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

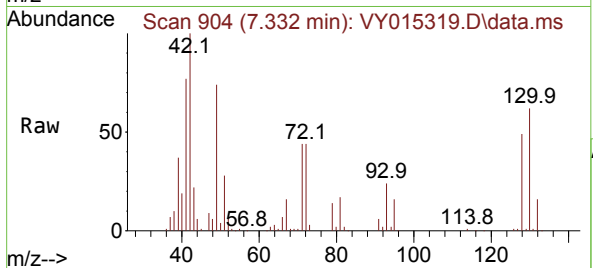
Tgt Ion: 96 Resp: 76607
Ion Ratio Lower Upper
96 100
61 139.9 0.0 301.4
98 65.2 0.0 130.4



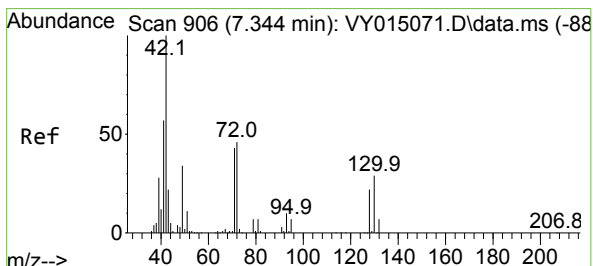
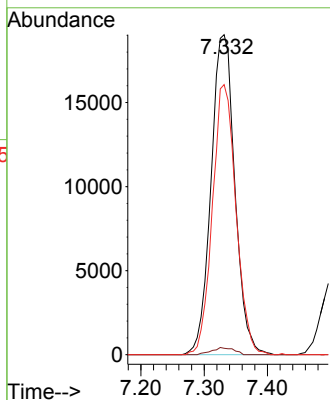
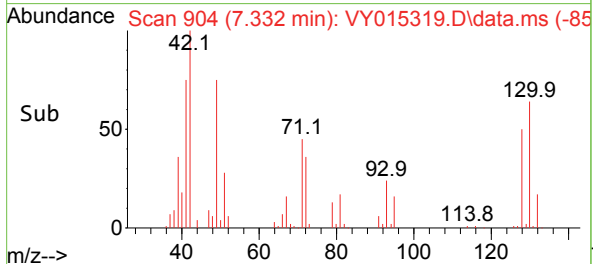


#28
Bromochloromethane
Concen: 45.972 ug/l
RT: 7.332 min Scan# 904
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

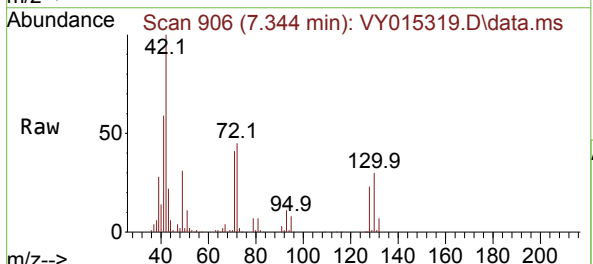
Instrument :
MSVOA_Y
ClientSampleId :



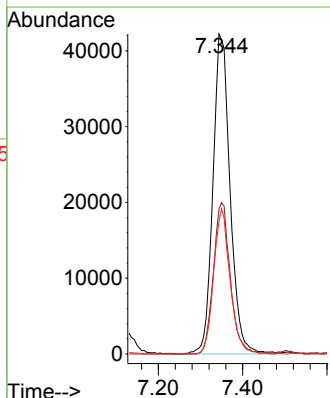
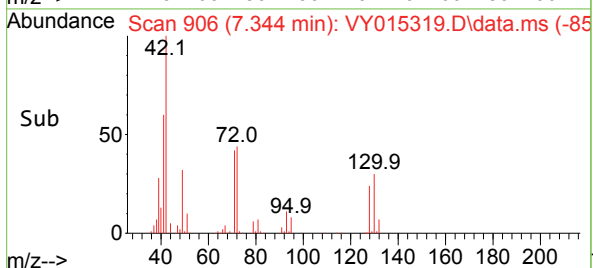
Tgt Ion: 49 Resp: 49669
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 83.4 60.7 91.1

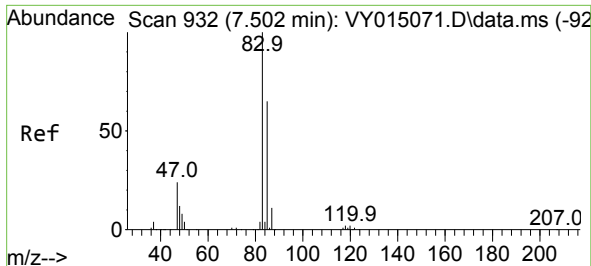


#29
Tetrahydrofuran
Concen: 254.815 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05



Tgt Ion: 42 Resp: 119372
Ion Ratio Lower Upper
42 100
72 46.4 32.8 49.2
71 43.4 31.0 46.4

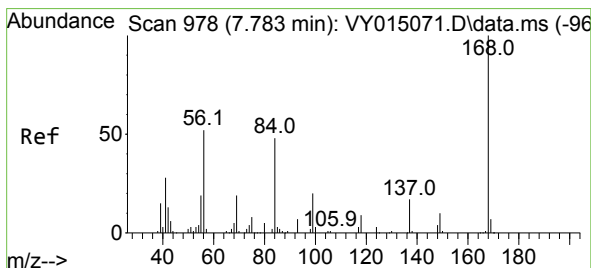
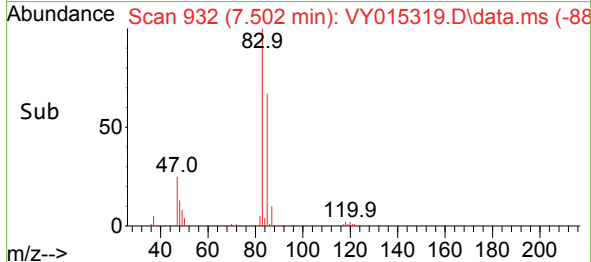
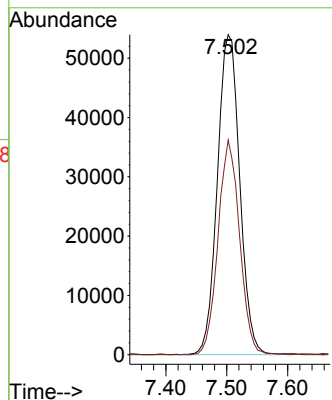
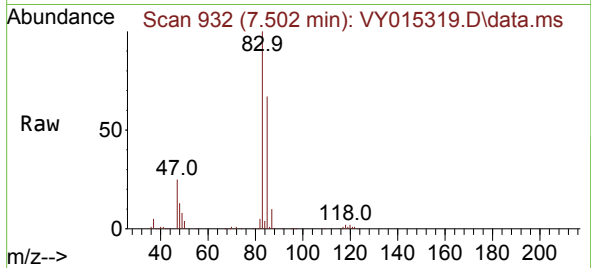




#30
Chloroform
Concen: 52.194 ug/l
RT: 7.502 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

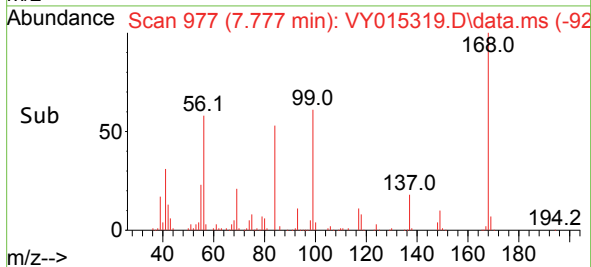
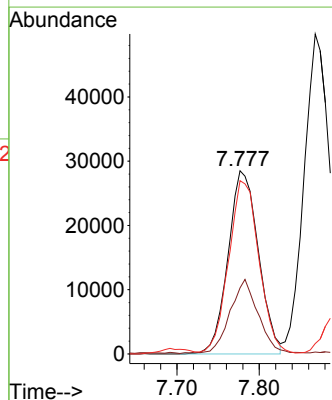
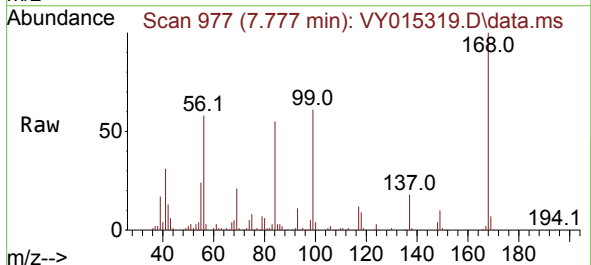
Instrument :
MSVOA_Y
ClientSampleId :

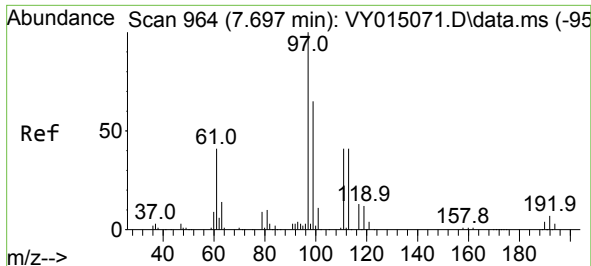
Tgt Ion: 83 Resp: 137596
Ion Ratio Lower Upper
83 100
85 67.1 49.7 74.5



#31
Cyclohexane
Concen: 48.337 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 56 Resp: 73258
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.6
84 92.0 66.4 99.6

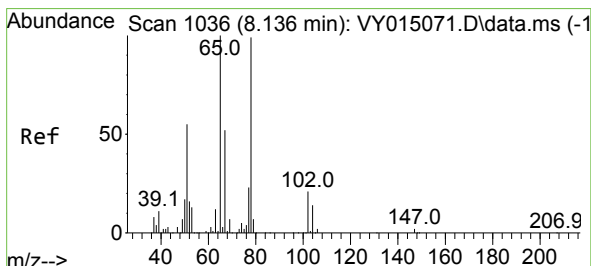
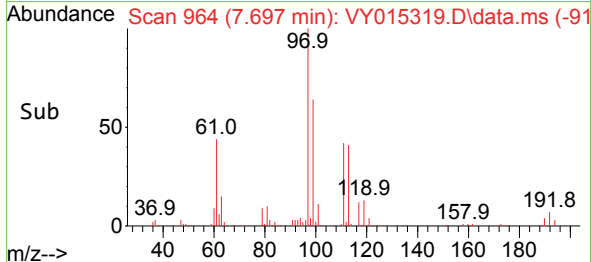
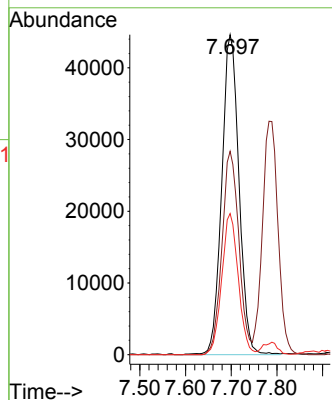
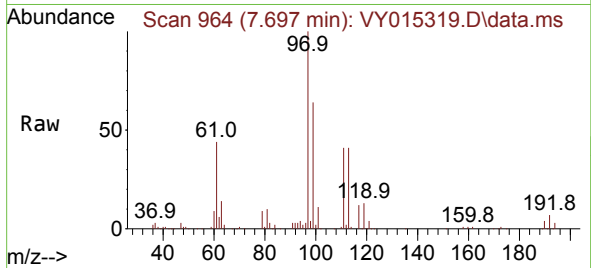




#32
1,1,1-Trichloroethane
Concen: 52.097 ug/l
RT: 7.697 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

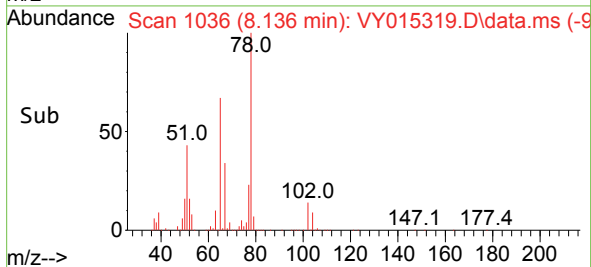
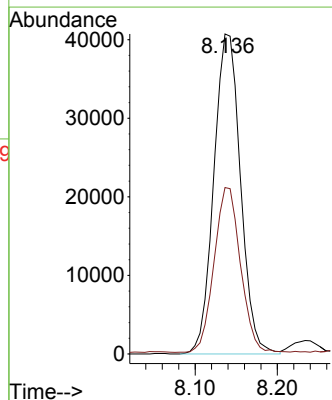
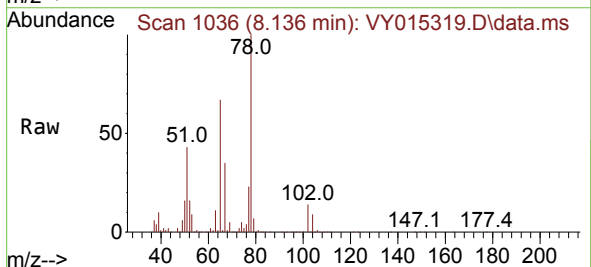
Instrument :
MSVOA_Y
ClientSampleId :

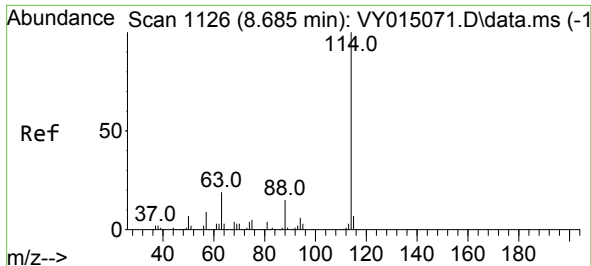
Tgt Ion: 97 Resp: 116869
Ion Ratio Lower Upper
97 100
99 62.5 50.8 76.2
61 42.3 35.1 52.7



#33
1,2-Dichloroethane-d4
Concen: 54.332 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 65 Resp: 92027
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

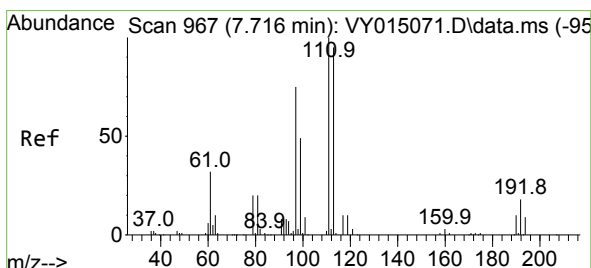
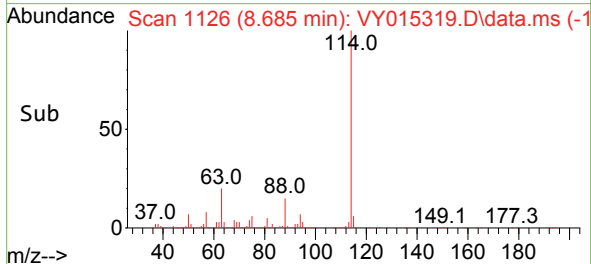
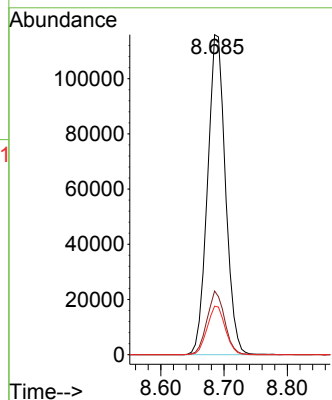
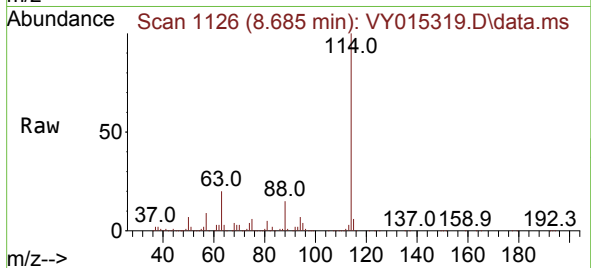
Tgt Ion:114 Resp: 228229

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.405 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

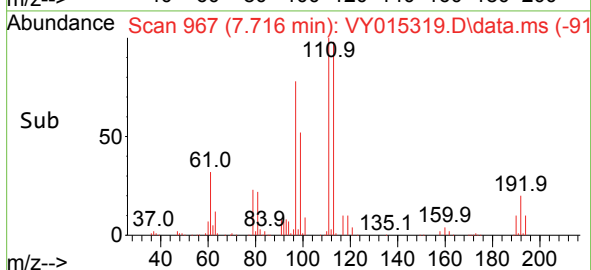
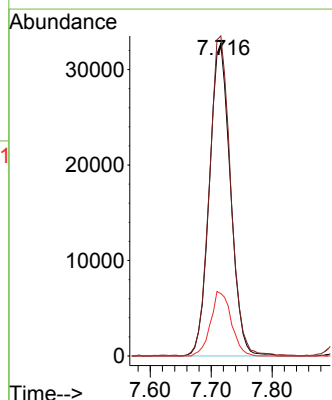
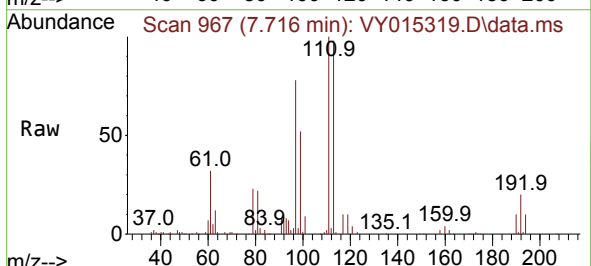
Tgt Ion:113 Resp: 78413

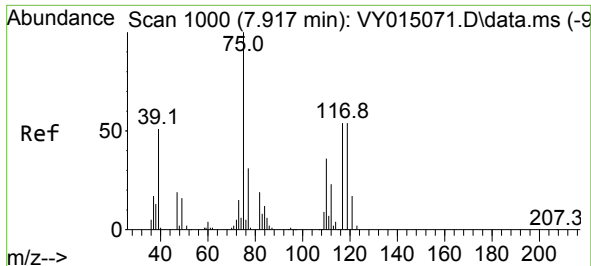
Ion Ratio Lower Upper

113 100

111 103.6 81.3 121.9

192 20.2 16.9 25.3





#36

1,1-Dichloropropene

Concen: 50.055 ug/l

RT: 7.911 min Scan# 91

Delta R.T. -0.000 min

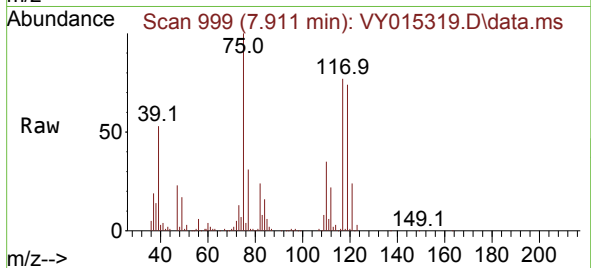
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



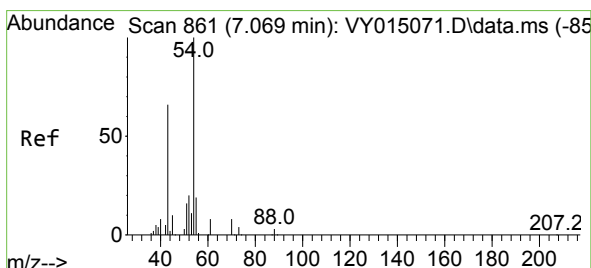
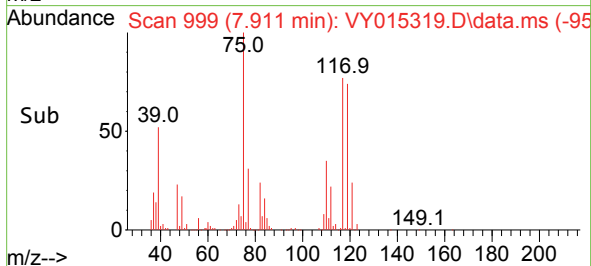
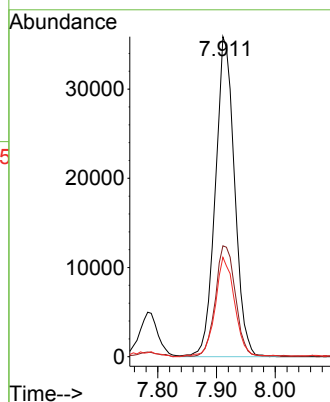
Tgt Ion: 75 Resp: 81309

Ion Ratio Lower Upper

75 100

110 35.8 17.8 53.5

77 31.6 24.4 36.6



#37

Ethyl Acetate

Concen: 51.964 ug/l

RT: 7.069 min Scan# 861

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

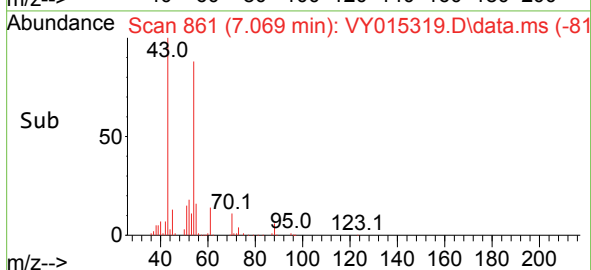
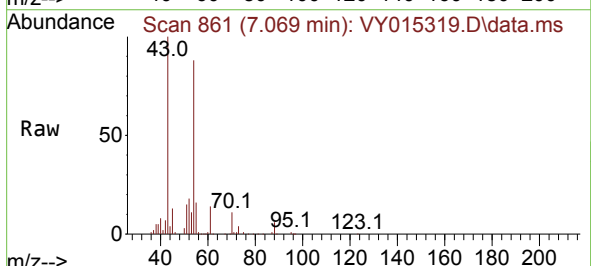
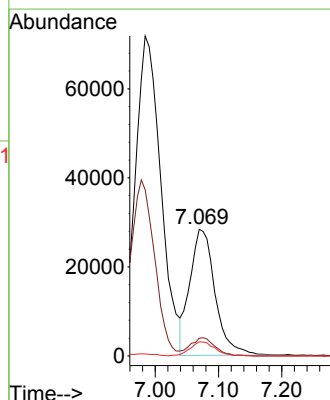
Tgt Ion: 43 Resp: 78679

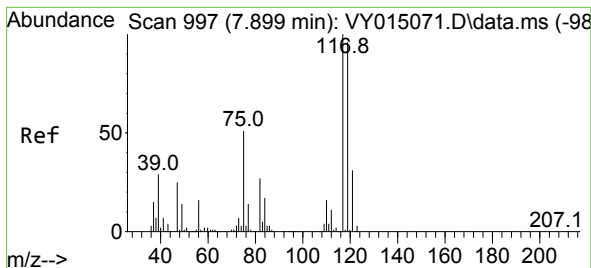
Ion Ratio Lower Upper

43 100

61 14.1 10.1 15.1

70 11.1 7.1 10.7#





#38

Carbon Tetrachloride

Concen: 50.011 ug/l

RT: 7.899 min Scan# 997

Delta R.T. -0.000 min

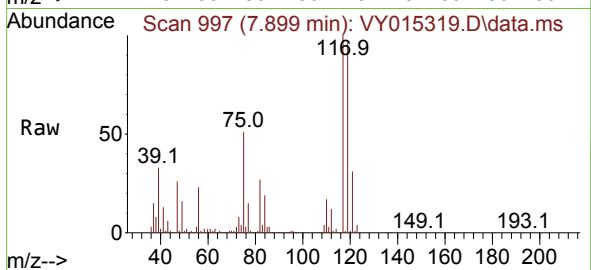
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

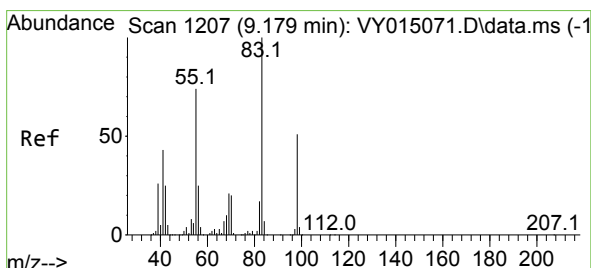
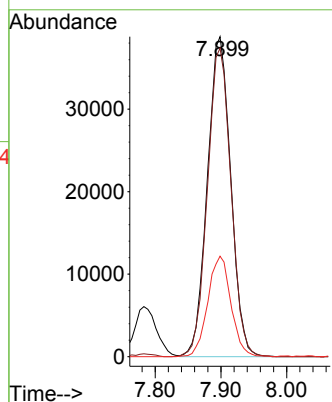
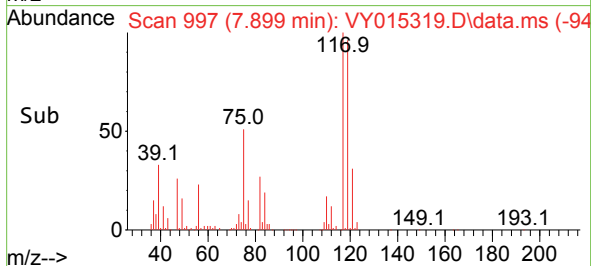
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	96144
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.4	114.6
121	31.2	25.8	38.6



#39

Methylcyclohexane

Concen: 48.244 ug/l

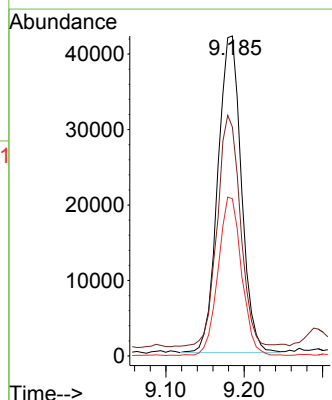
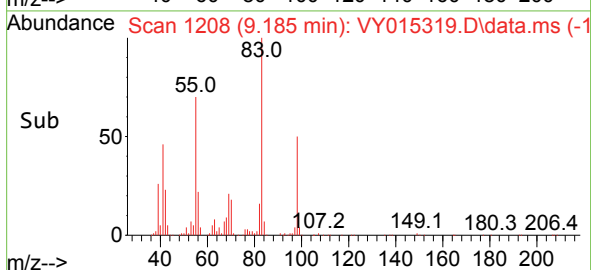
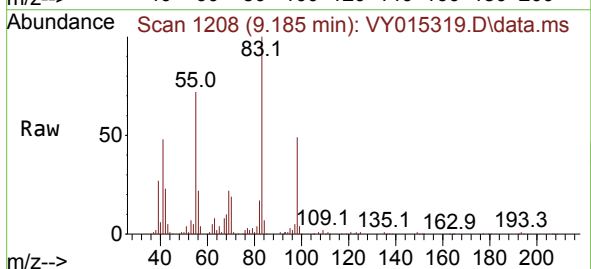
RT: 9.185 min Scan# 1208

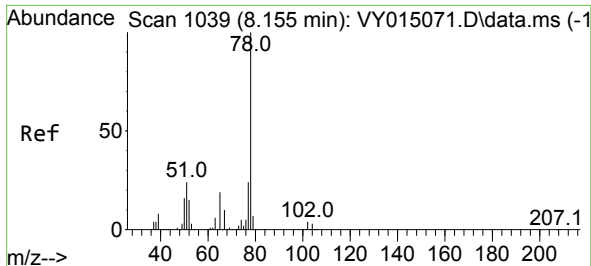
Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Tgt Ion:	83	Resp:	87851
Ion Ratio	Lower	Upper	
83	100		
55	69.2	63.0	94.4
98	49.4	37.4	56.2

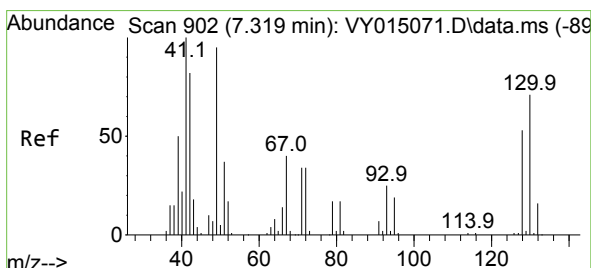
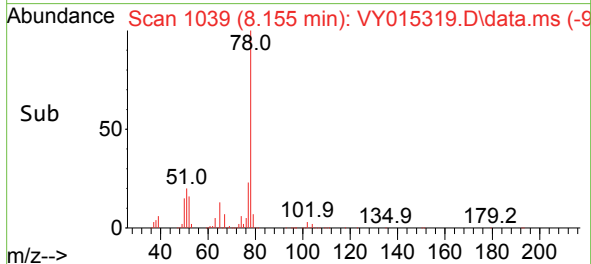
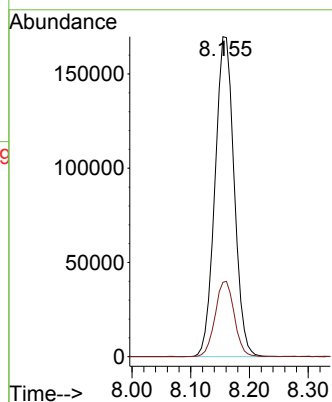
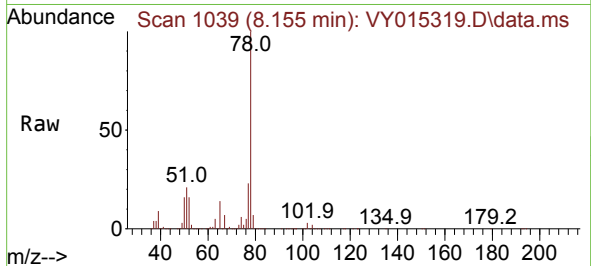




#40
Benzene
Concen: 78.201 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

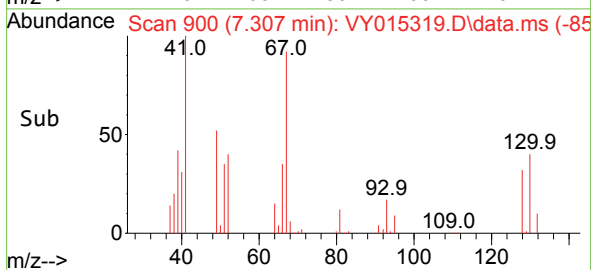
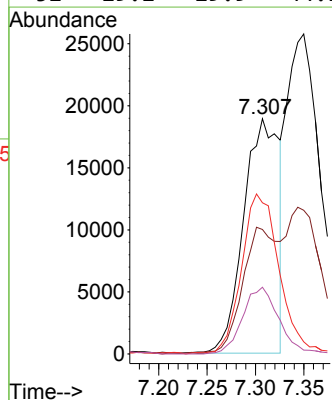
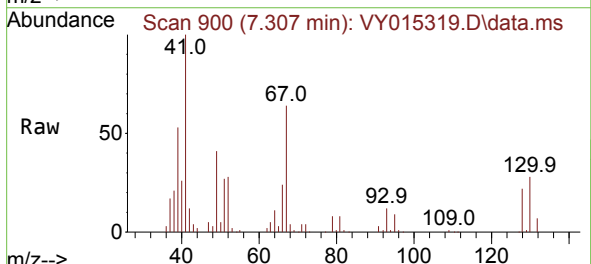
Instrument :
MSVOA_Y
ClientSampleId :

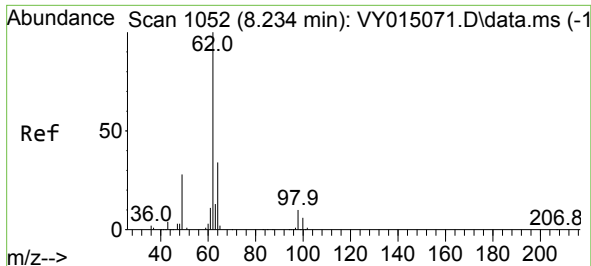
Tgt Ion: 78 Resp: 384049
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6



#41
Methacrylonitrile
Concen: 61.788 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 41 Resp: 48241
Ion Ratio Lower Upper
41 100
39 53.8 52.1 78.1
67 72.5 66.2 99.2
52 29.2 29.9 44.9#

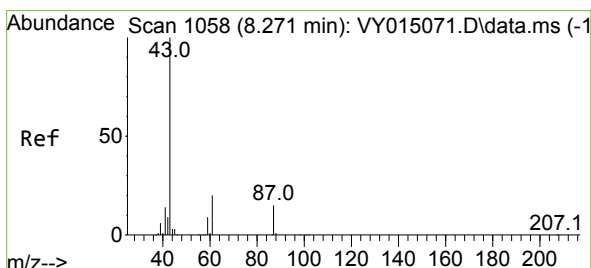
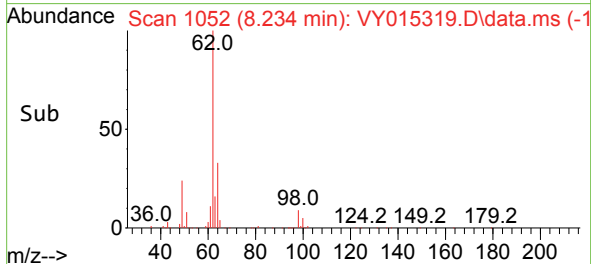
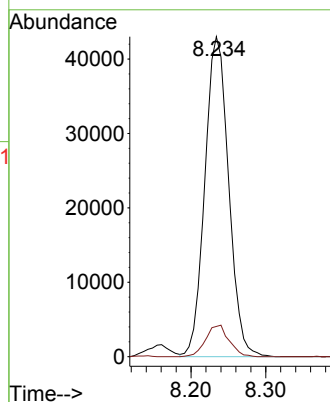
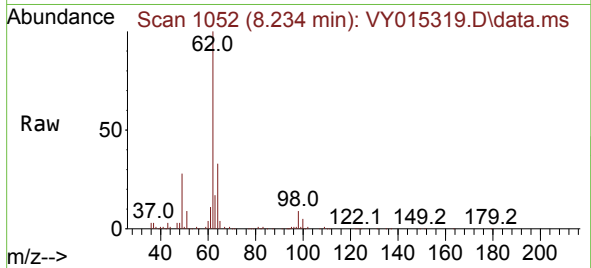




#42
1,2-Dichloroethane
Concen: 53.295 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

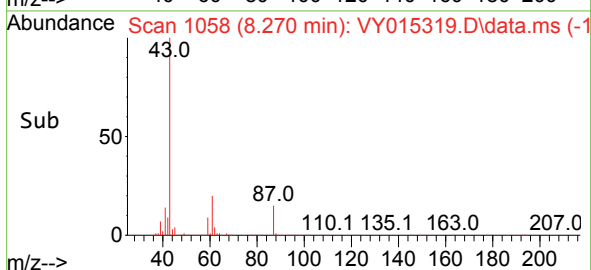
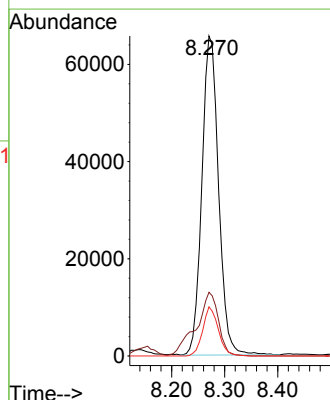
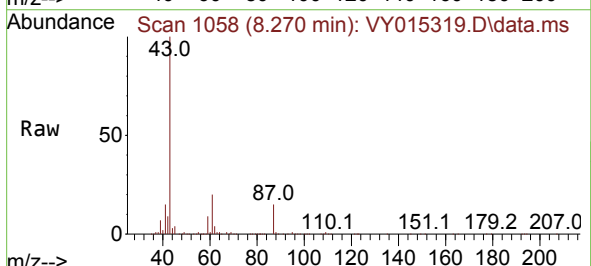
Instrument :
MSVOA_Y
ClientSampleId :

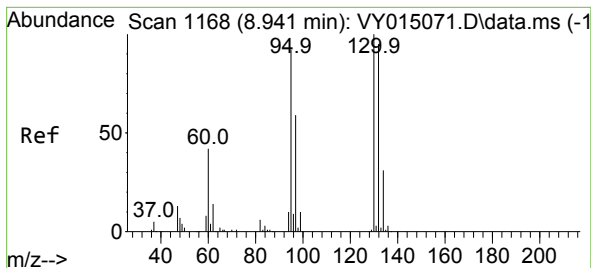
Tgt Ion: 62 Resp: 95056
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



#43
Isopropyl Acetate
Concen: 52.147 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 43 Resp: 143785
Ion Ratio Lower Upper
43 100
61 26.6 21.1 31.7
87 14.4 9.8 14.8





#44

Trichloroethene

Concen: 53.529 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

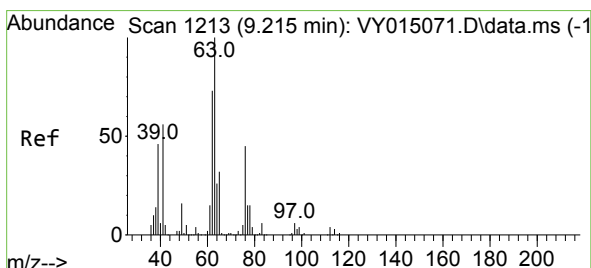
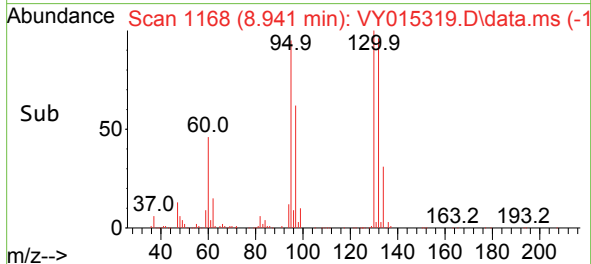
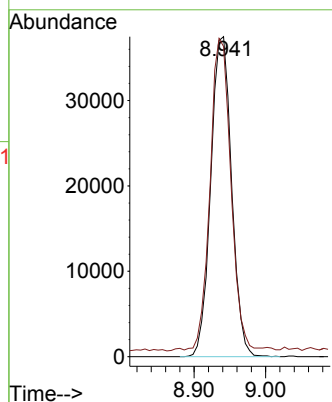
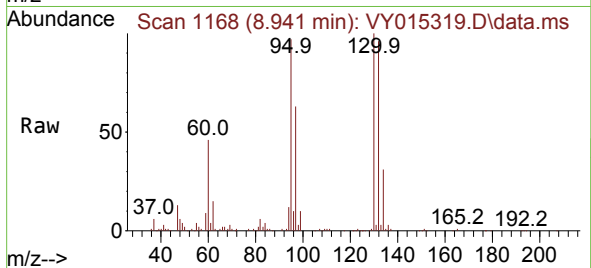
ClientSampleId :

Tgt Ion:130 Resp: 75736

Ion Ratio Lower Upper

130 100

95 94.8 0.0 196.0



#45

1,2-Dichloropropane

Concen: 51.905 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015319.D

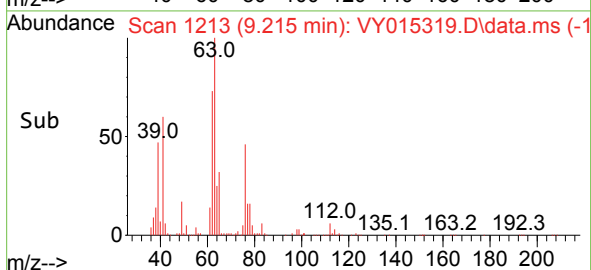
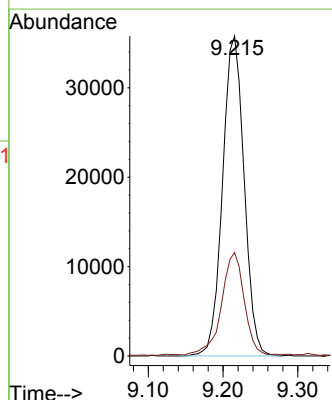
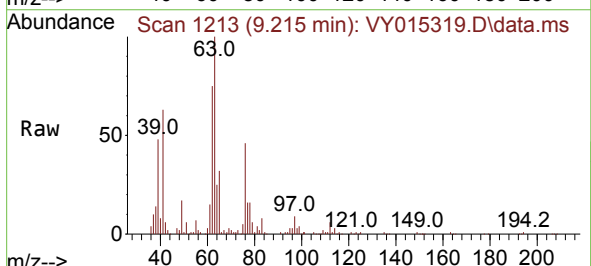
Acq: 24 Aug 2023 18:05

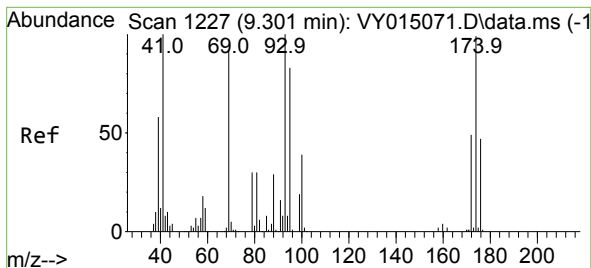
Tgt Ion: 63 Resp: 71881

Ion Ratio Lower Upper

63 100

65 32.0 23.8 35.6





#46

Dibromomethane

Concen: 54.146 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

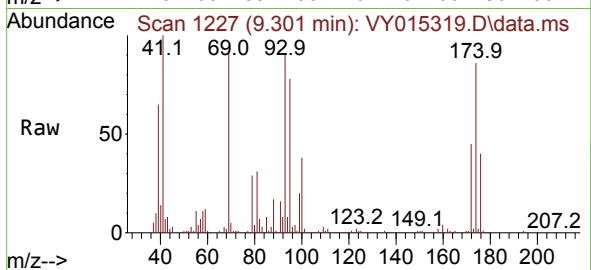
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



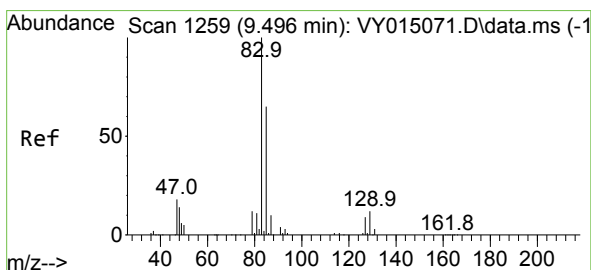
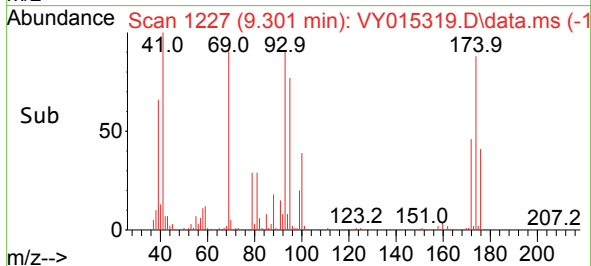
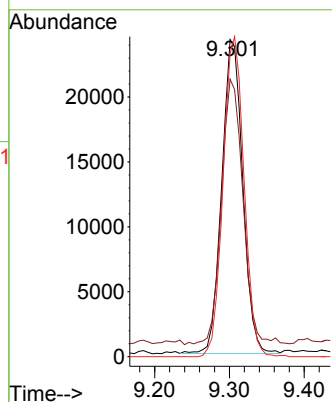
Tgt Ion: 93 Resp: 47293

Ion Ratio Lower Upper

93 100

95 85.5 66.6 100.0

174 101.7 84.8 127.2



#47

Bromodichloromethane

Concen: 53.660 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

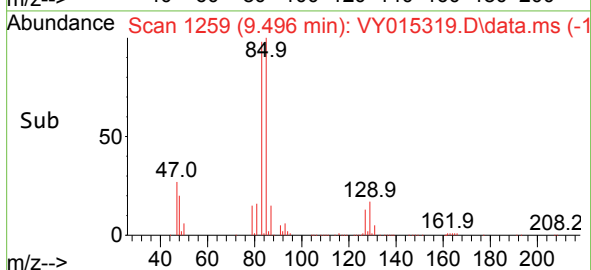
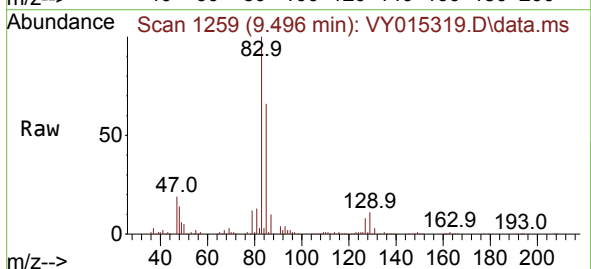
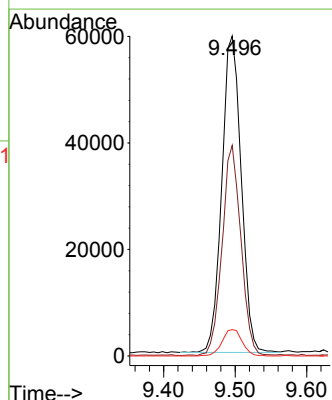
Tgt Ion: 83 Resp: 111841

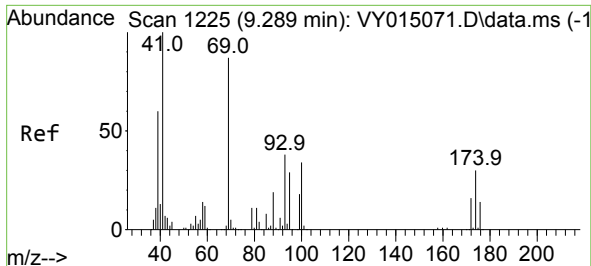
Ion Ratio Lower Upper

83 100

85 66.4 50.1 75.1

127 8.4 7.1 10.7

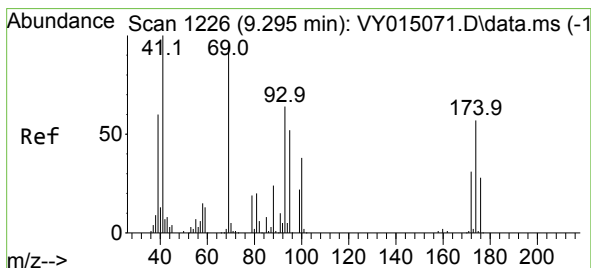
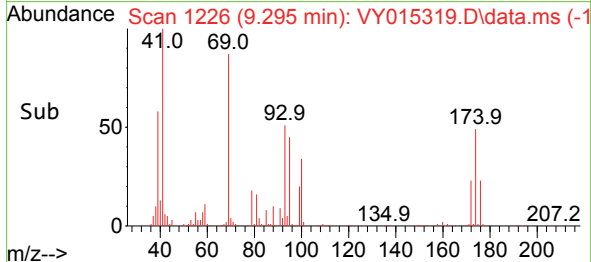
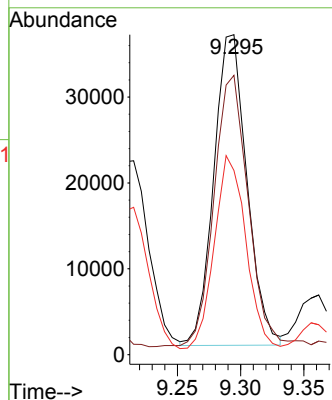
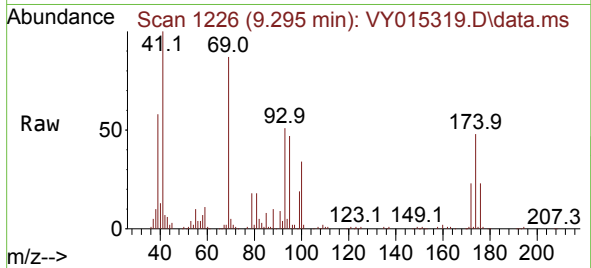




#48
Methyl methacrylate
Concen: 55.930 ug/l
RT: 9.295 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

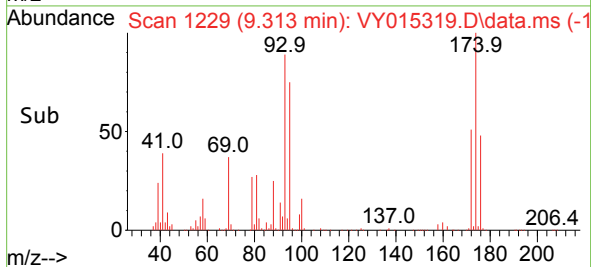
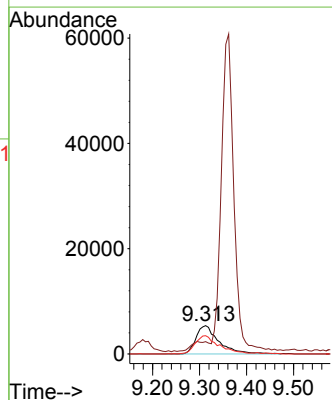
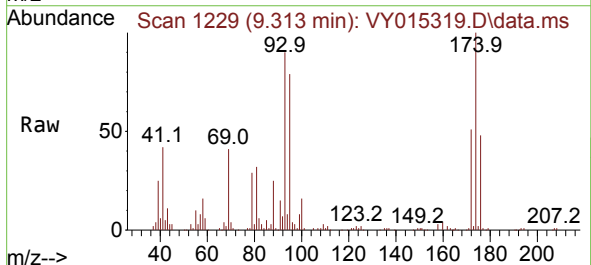
Instrument :
MSVOA_Y
ClientSampleId :

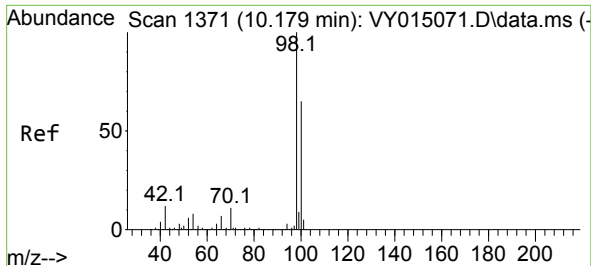
Tgt Ion: 41 Resp: 65970
Ion Ratio Lower Upper
41 100
69 90.5 64.5 96.7
39 61.6 50.8 76.2



#49
1,4-Dioxane
Concen: 1042.961 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 88 Resp: 18216
Ion Ratio Lower Upper
88 100
43 25.6 0.0 0.0#
58 67.1 30.9 46.3#

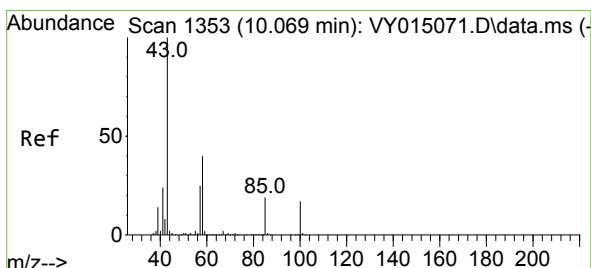
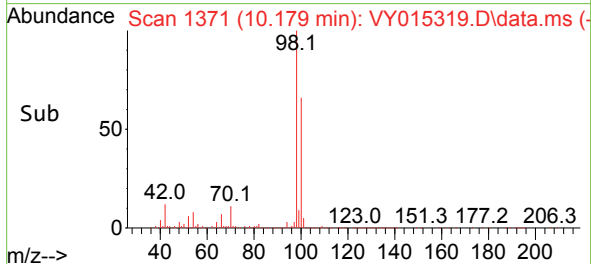
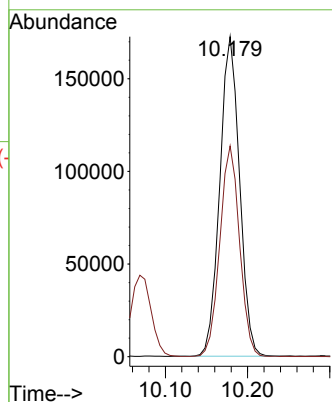
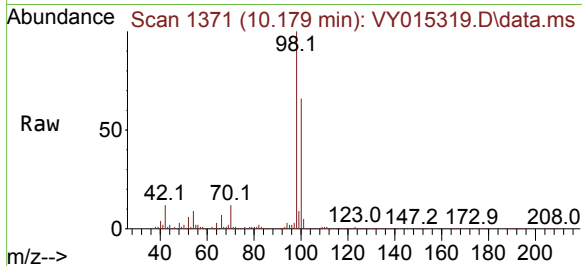




#50
Toluene-d8
Concen: 52.800 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

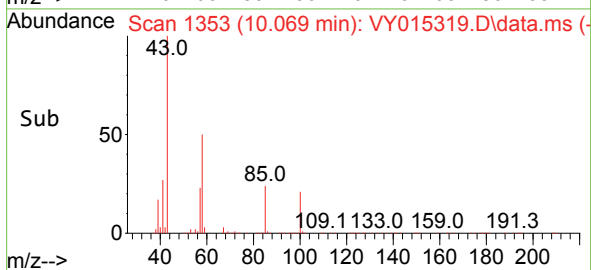
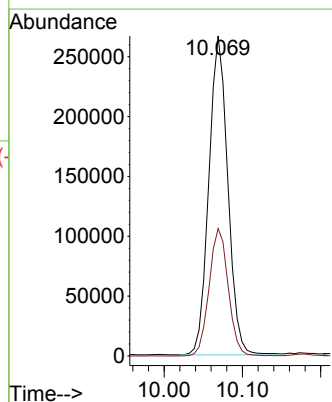
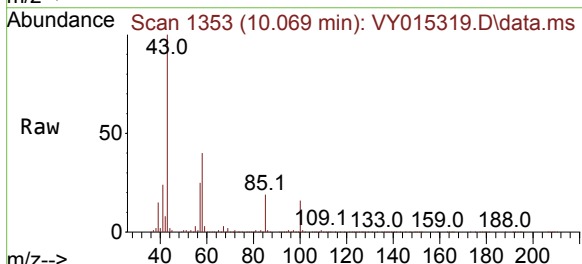
Instrument :
MSVOA_Y
ClientSampleId :

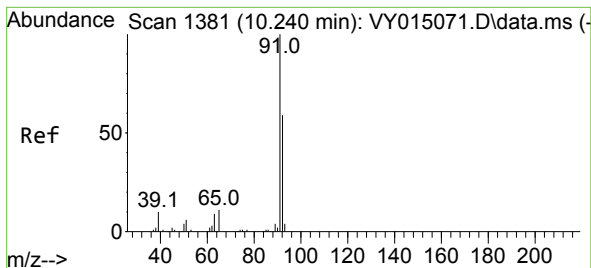
Tgt Ion: 98 Resp: 288591
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 280.475 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 43 Resp: 448205
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6





#52

Toluene

Concen: 67.375 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

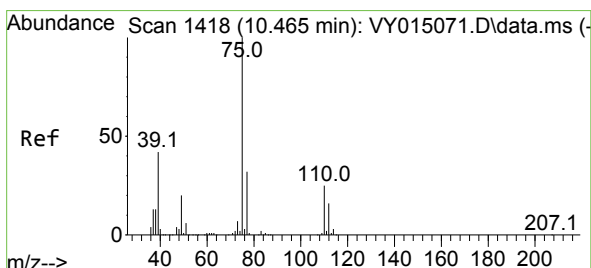
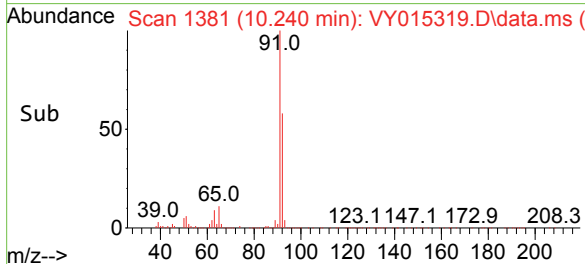
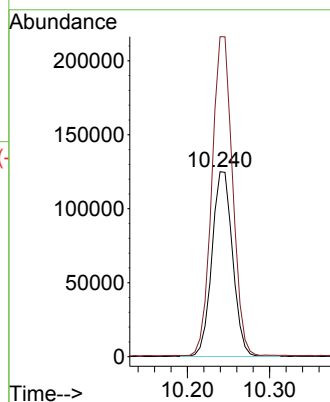
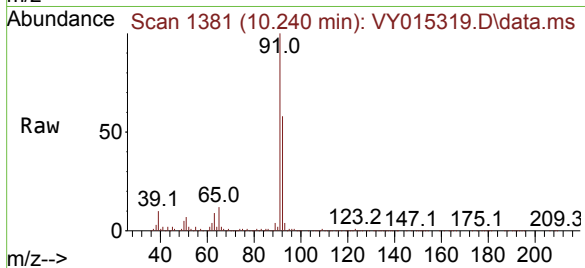
ClientSampleId :

Tgt Ion: 92 Resp: 218091

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6



#53

t-1,3-Dichloropropene

Concen: 51.900 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. -0.000 min

Lab File: VY015319.D

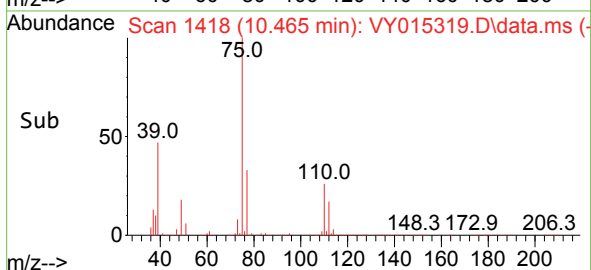
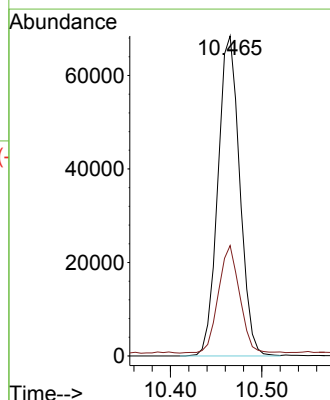
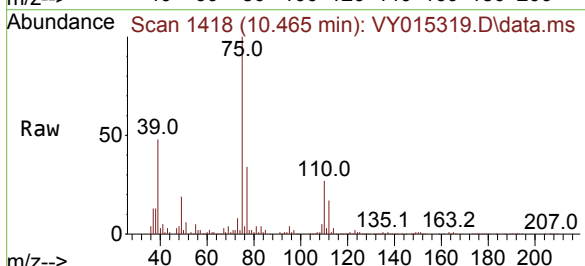
Acq: 24 Aug 2023 18:05

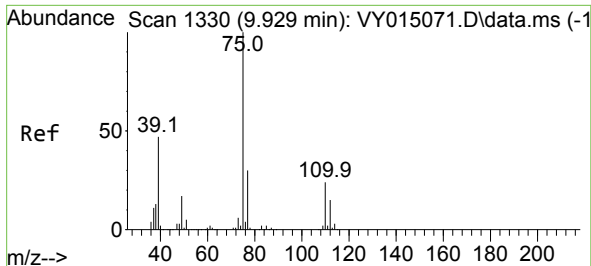
Tgt Ion: 75 Resp: 113681

Ion Ratio Lower Upper

75 100

77 33.6 25.0 37.4

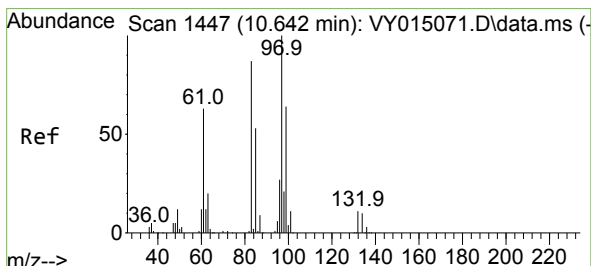
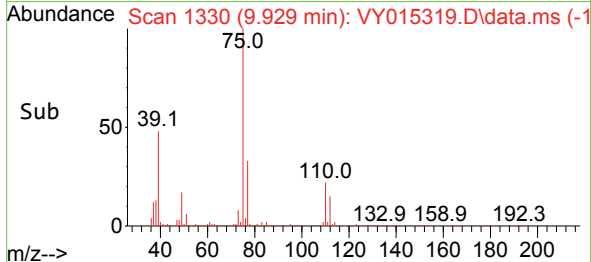
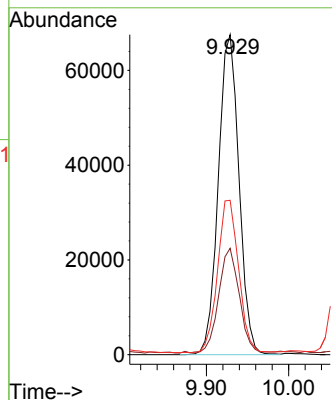
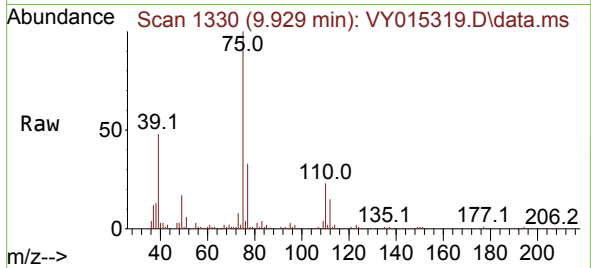




#54
 cis-1,3-Dichloropropene
 Concen: 51.211 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

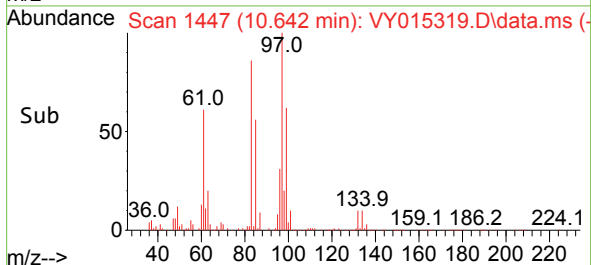
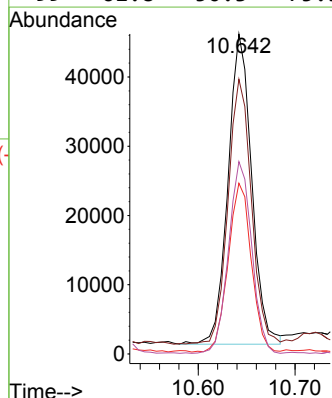
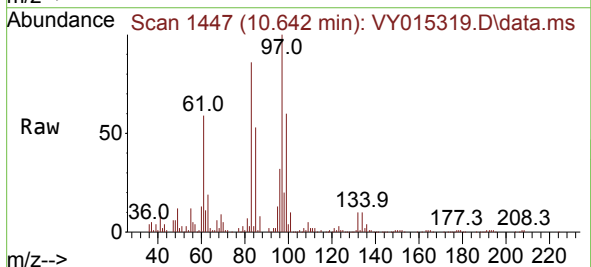
Instrument :
 MSVOA_Y
 ClientSampleId :

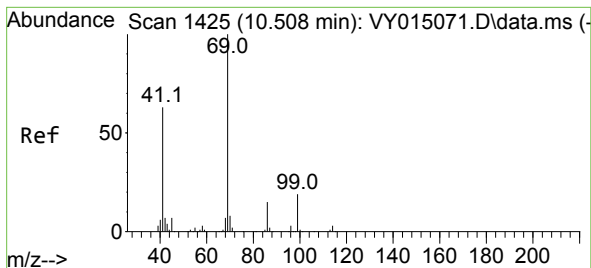
Tgt Ion: 75 Resp: 118137
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.2 36.4
 39 47.6 42.2 63.4



#55
 1,1,2-Trichloroethane
 Concen: 57.307 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

Tgt Ion: 97 Resp: 76108
 Ion Ratio Lower Upper
 97 100
 83 85.2 72.0 108.0
 85 54.2 45.4 68.0
 99 61.8 50.3 75.5





#56

Ethyl methacrylate

Concen: 57.300 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

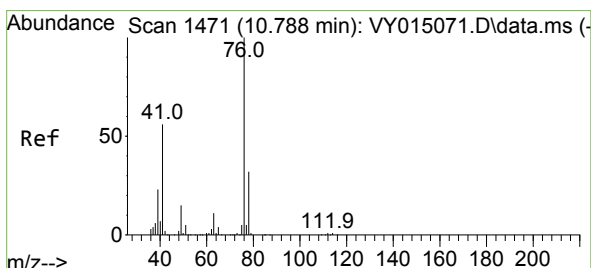
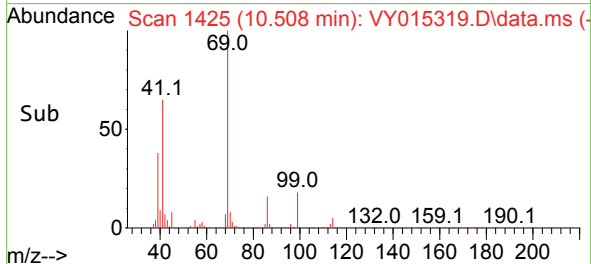
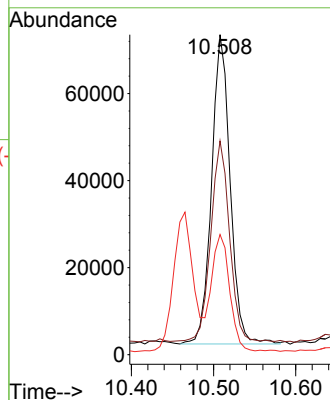
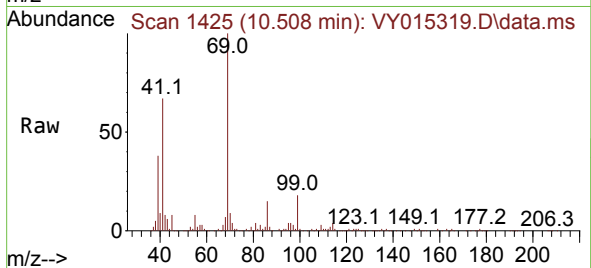
Tgt Ion: 69 Resp: 111369

Ion Ratio Lower Upper

69 100

41 65.2 57.6 86.4

39 35.6 34.1 51.1



#57

1,3-Dichloropropane

Concen: 55.570 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015319.D

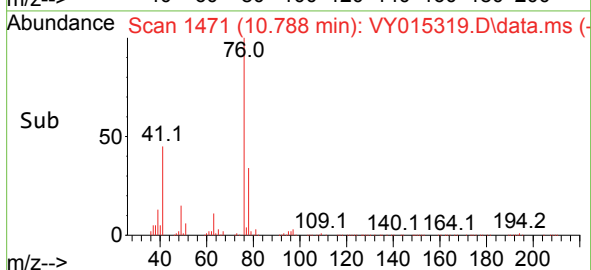
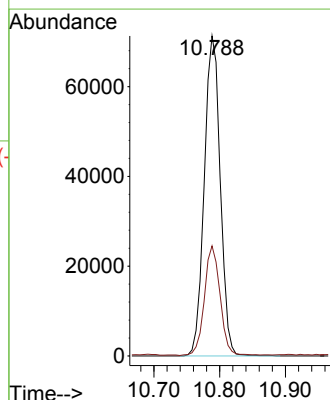
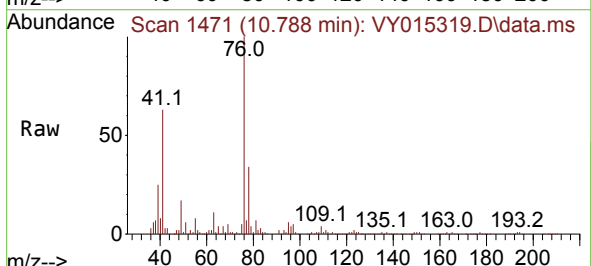
Acq: 24 Aug 2023 18:05

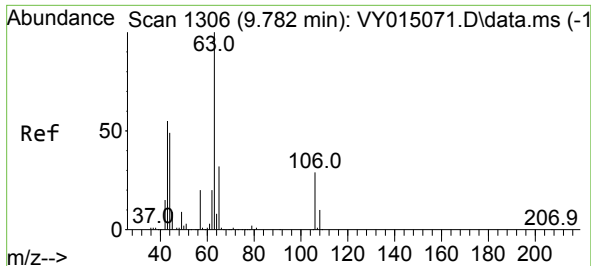
Tgt Ion: 76 Resp: 120574

Ion Ratio Lower Upper

76 100

78 33.5 25.3 37.9

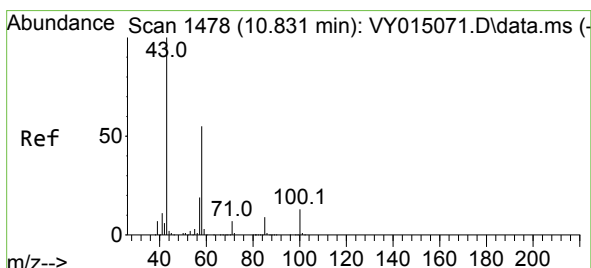
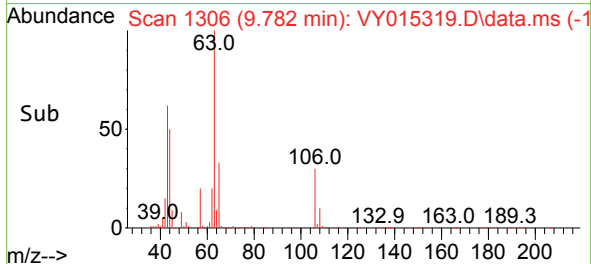
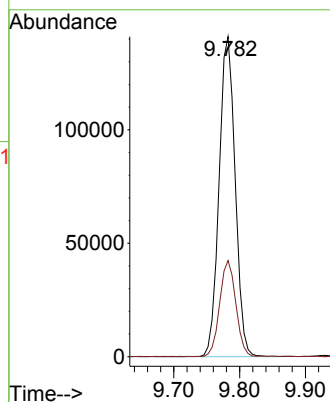
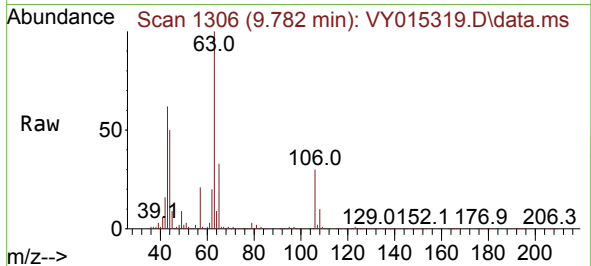




#58
2-Chloroethyl Vinyl ether
Concen: 265.372 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

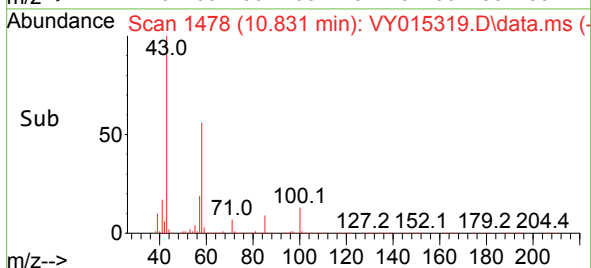
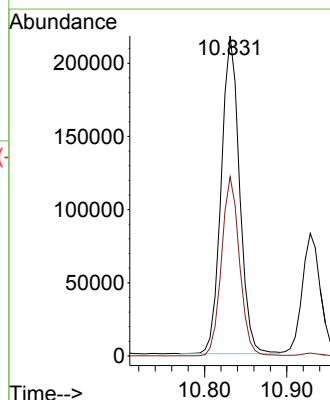
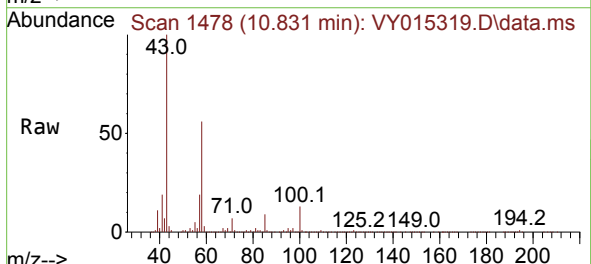
Instrument :
MSVOA_Y
ClientSampleId :

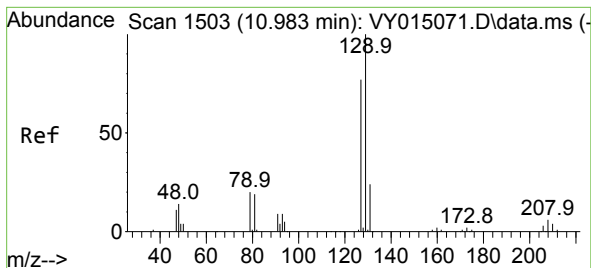
Tgt Ion: 63 Resp: 240032
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8



#59
2-Hexanone
Concen: 283.930 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 43 Resp: 335805
Ion Ratio Lower Upper
43 100
58 55.5 25.1 75.3





#60

Dibromochloromethane

Concen: 55.568 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

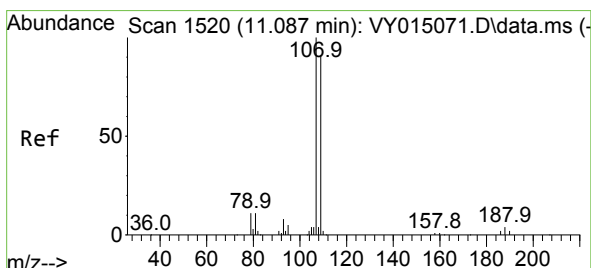
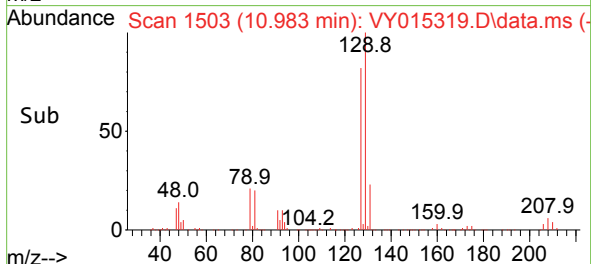
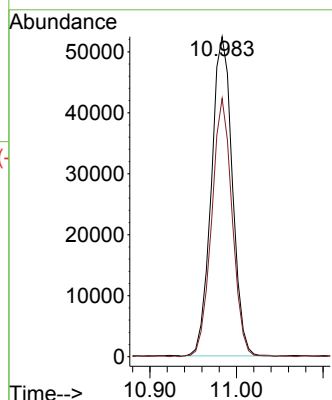
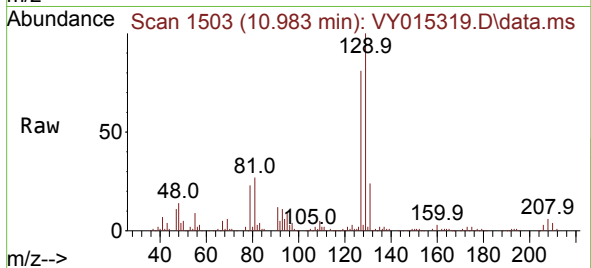
ClientSampleId :

Tgt Ion:129 Resp: 88031

Ion Ratio Lower Upper

129 100

127 79.1 38.5 115.5



#61

1,2-Dibromoethane

Concen: 55.314 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VY015319.D

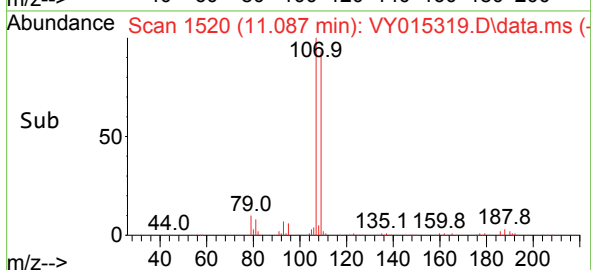
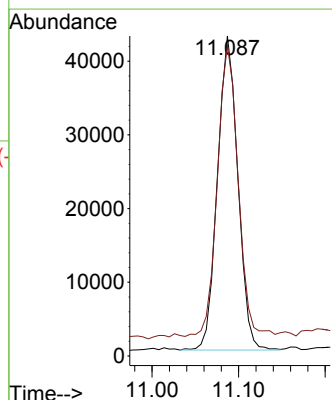
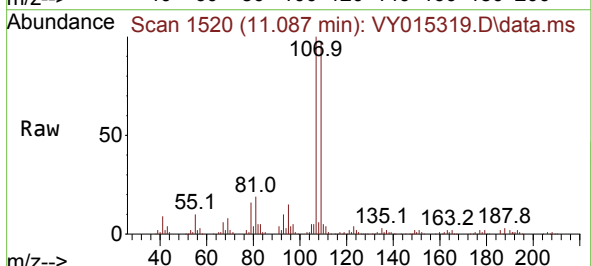
Acq: 24 Aug 2023 18:05

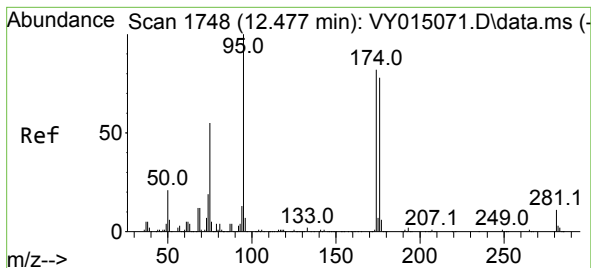
Tgt Ion:107 Resp: 69785

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4

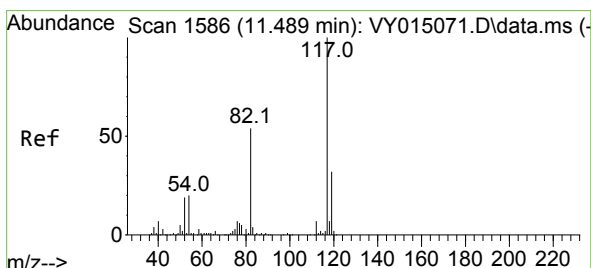
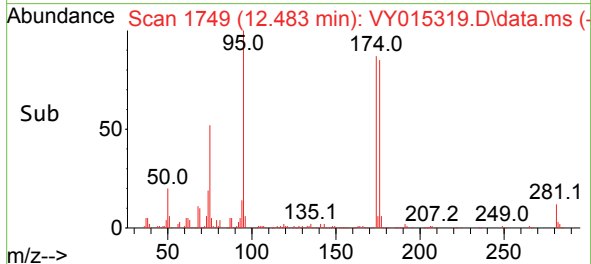
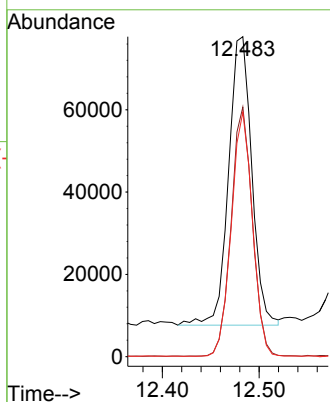
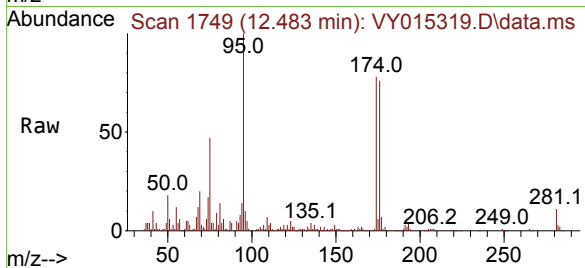




#62
4-Bromofluorobenzene
Concen: 58.538 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

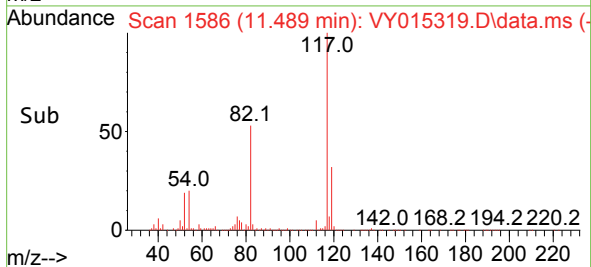
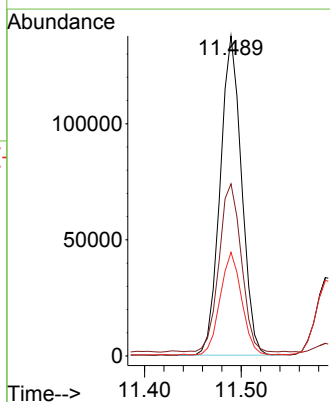
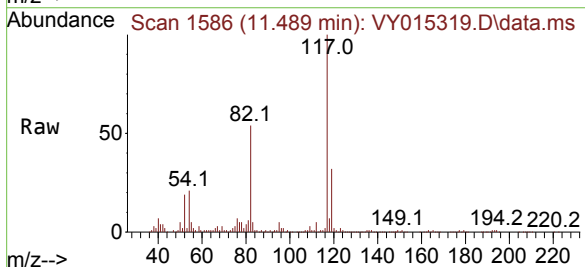
Instrument :
MSVOA_Y
ClientSampleId :

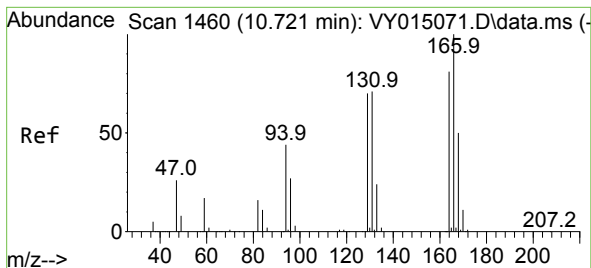
Tgt Ion: 95 Resp: 116863
Ion Ratio Lower Upper
95 100
174 78.9 0.0 178.2
176 77.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion: 117 Resp: 211092
Ion Ratio Lower Upper
117 100
82 52.6 43.4 65.0
119 32.2 26.3 39.5





#64

Tetrachloroethene

Concen: 66.899 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

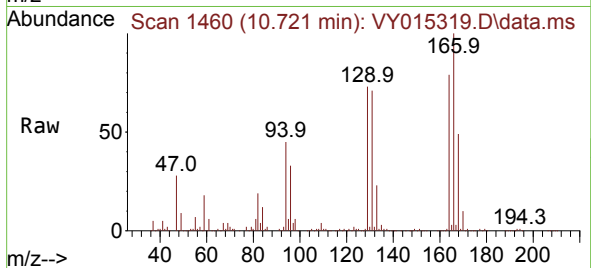
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:164 Resp: 98386

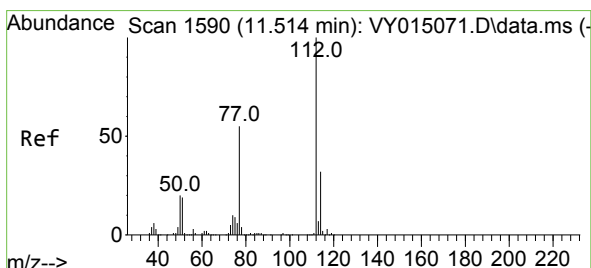
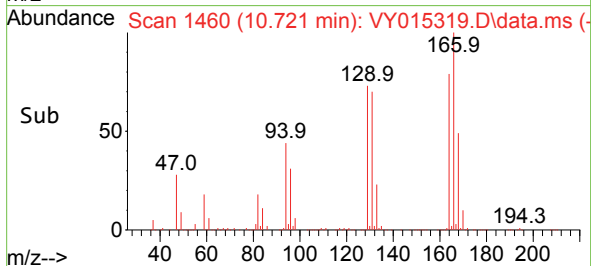
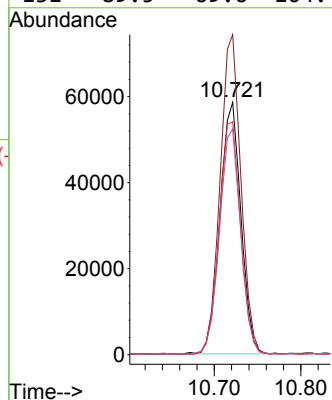
Ion Ratio Lower Upper

164 100

166 126.9 103.0 154.6

129 92.4 77.2 115.8

131 89.5 69.6 104.4



#65

Chlorobenzene

Concen: 51.860 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY015319.D

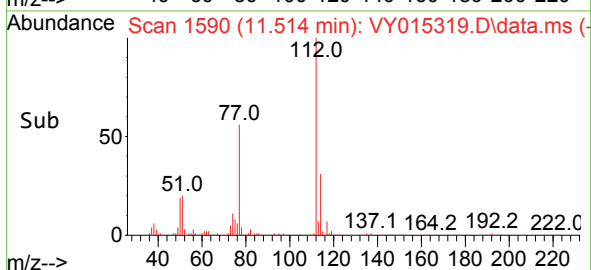
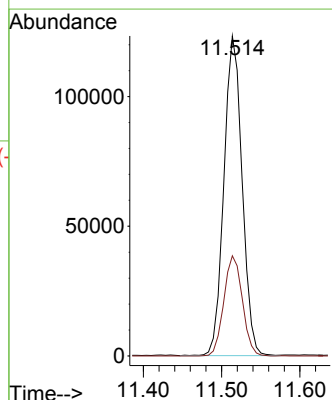
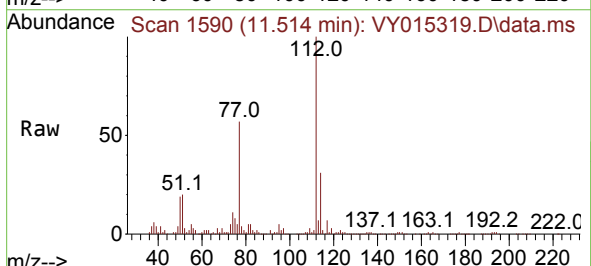
Acq: 24 Aug 2023 18:05

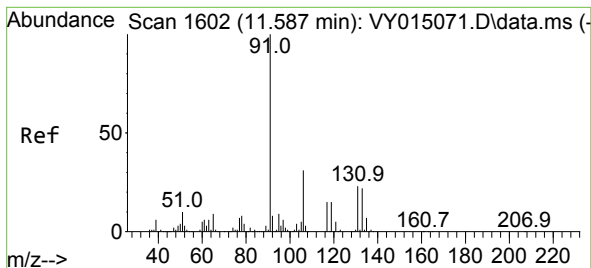
Tgt Ion:112 Resp: 199461

Ion Ratio Lower Upper

112 100

114 31.3 25.5 38.3

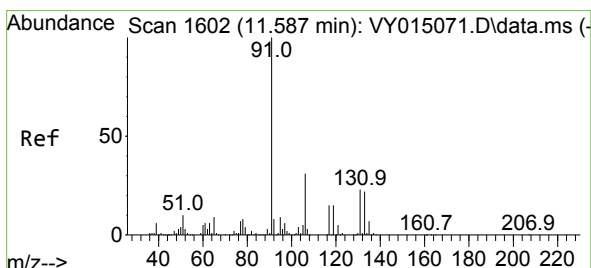
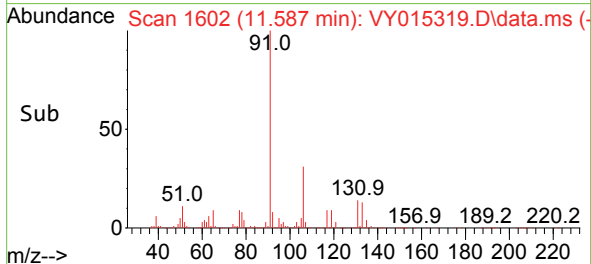
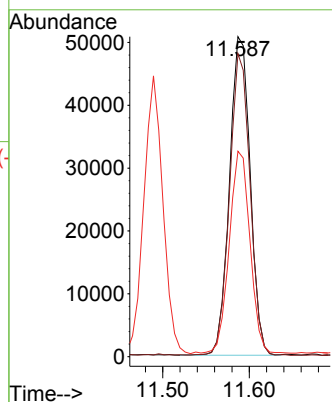
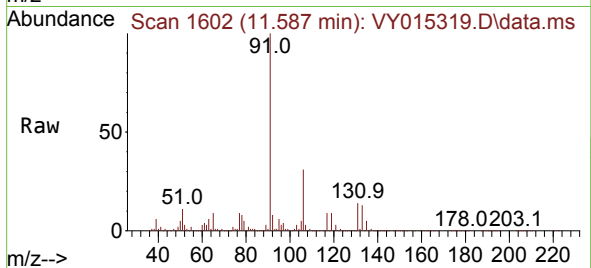




#66
 1,1,1,2-Tetrachloroethane
 Concen: 53.836 ug/l
 RT: 11.587 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

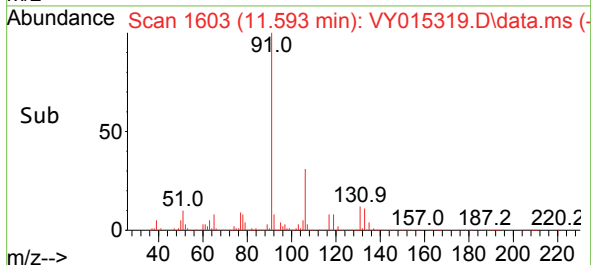
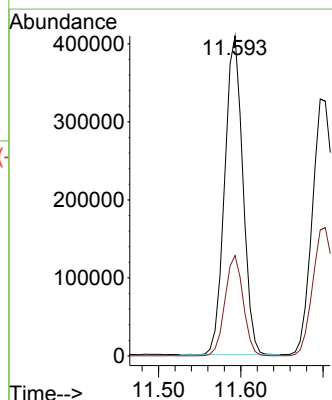
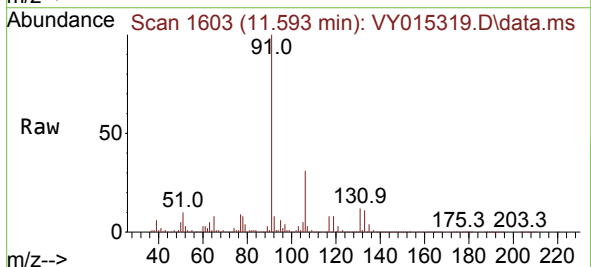
Instrument :
 MSVOA_Y
 ClientSampleId :

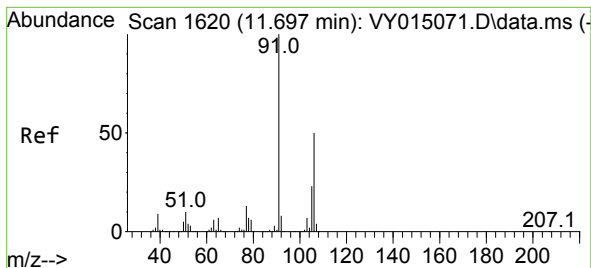
Tgt Ion:131 Resp: 84015
 Ion Ratio Lower Upper
 131 100
 133 93.9 47.5 142.6
 119 64.1 31.6 94.7



#67
 Ethyl Benzene
 Concen: 93.038 ug/l
 RT: 11.593 min Scan# 1603
 Delta R.T. 0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

Tgt Ion: 91 Resp: 626962
 Ion Ratio Lower Upper
 91 100
 106 31.5 24.6 36.8





#68

m/p-Xylenes

Concen: 116.822 ug/l

RT: 11.703 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

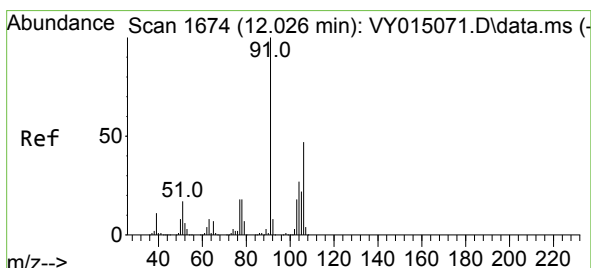
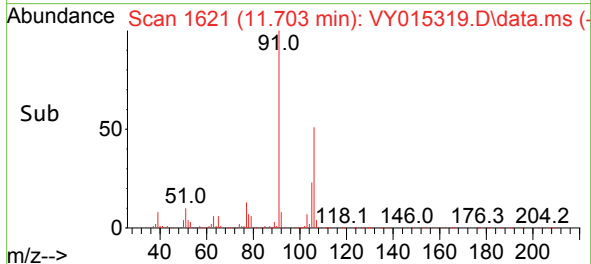
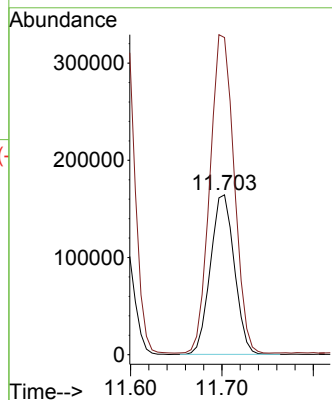
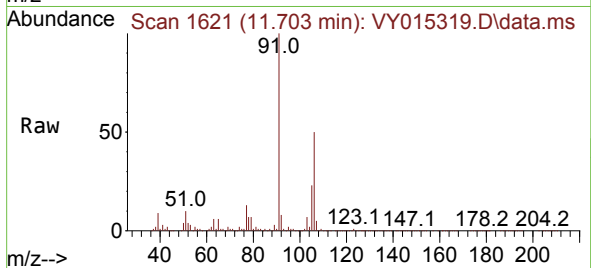
ClientSampleId :

Tgt Ion:106 Resp: 298994

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1



#69

o-Xylene

Concen: 60.944 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.000 min

Lab File: VY015319.D

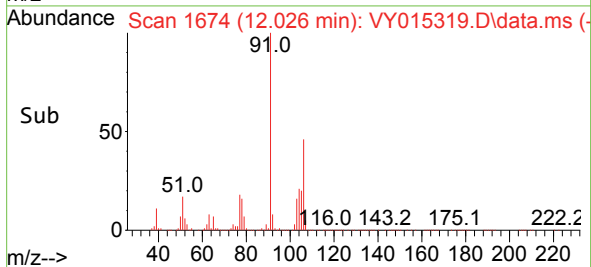
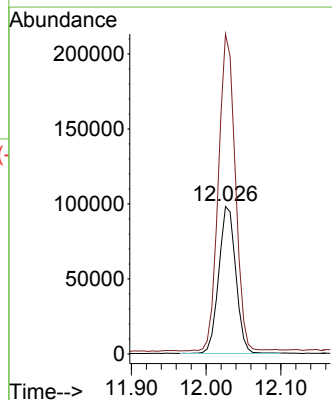
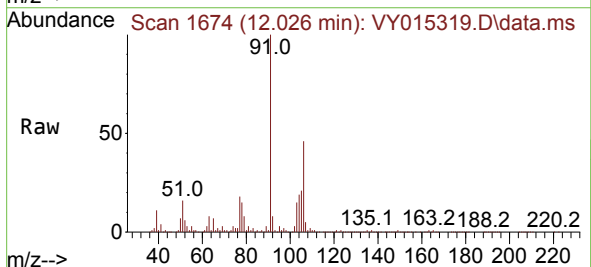
Acq: 24 Aug 2023 18:05

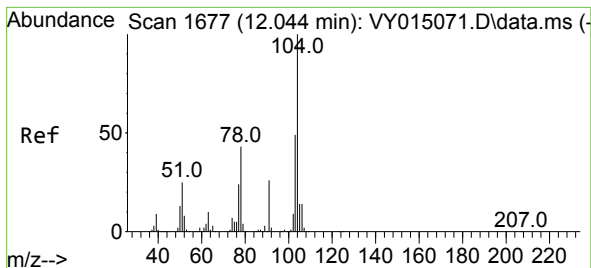
Tgt Ion:106 Resp: 155386

Ion Ratio Lower Upper

106 100

91 212.8 108.1 324.3





#70

Styrene

Concen: 57.704 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

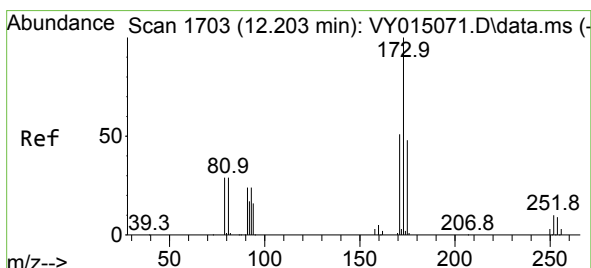
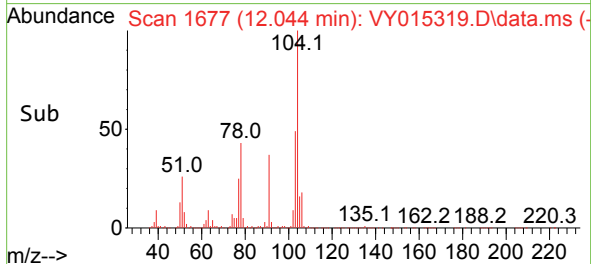
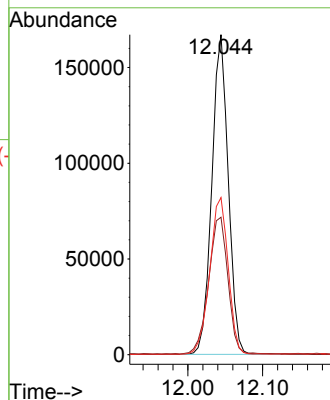
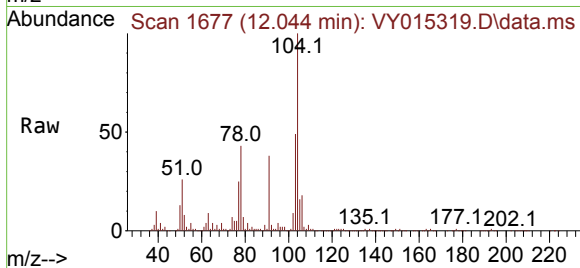
Tgt Ion:104 Resp: 254639

Ion Ratio Lower Upper

104 100

78 50.2 41.5 62.3

103 55.1 44.6 67.0



#71

Bromoform

Concen: 53.553 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

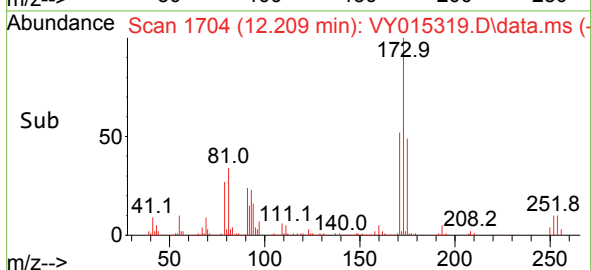
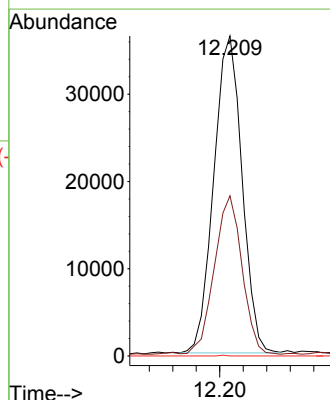
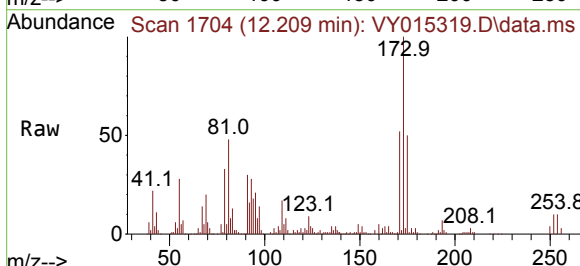
Tgt Ion:173 Resp: 60584

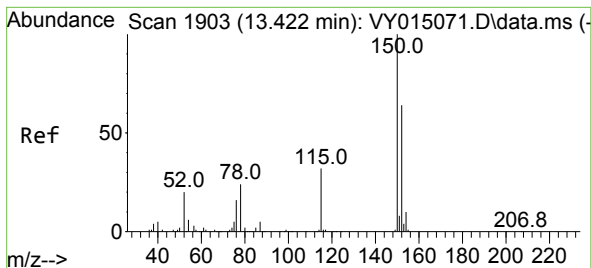
Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.8

254 0.1 0.2 0.2#

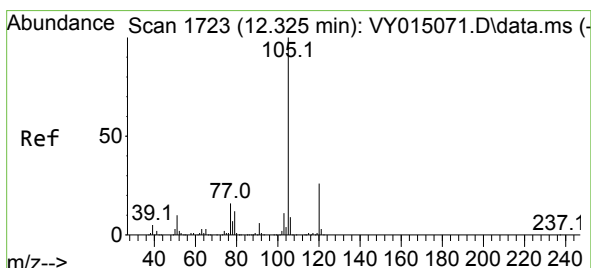
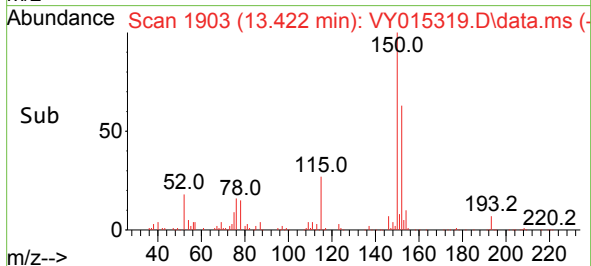
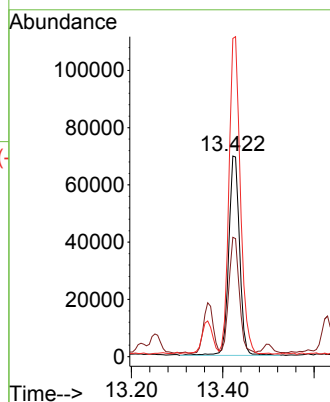
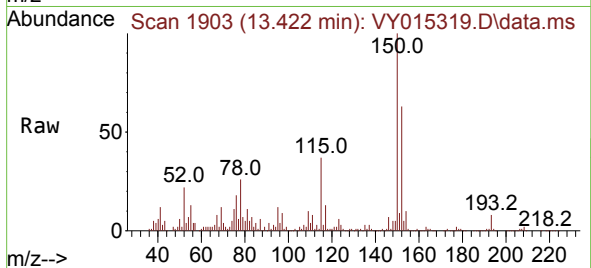




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

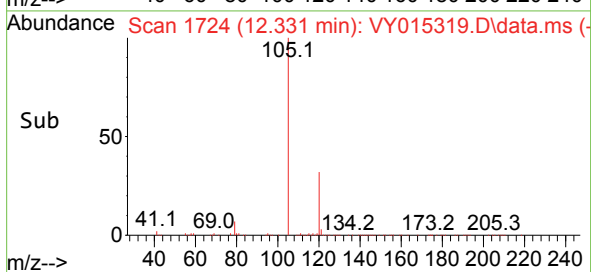
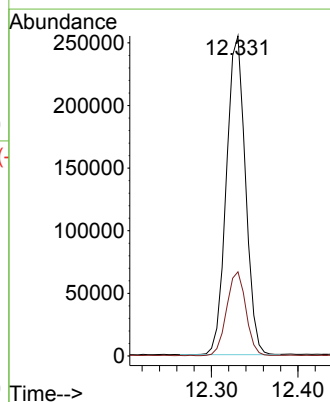
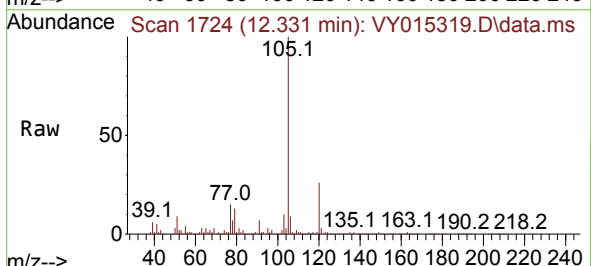
Instrument :
 MSVOA_Y
 ClientSampleId :

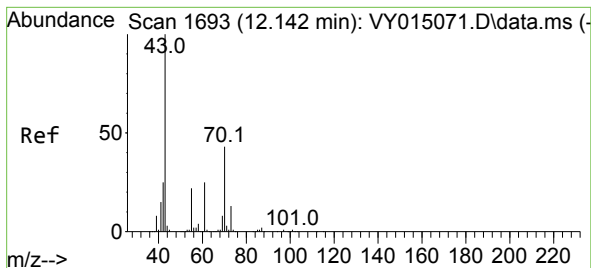
Tgt Ion:152 Resp: 114778
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.8 86.5
 150 165.5 0.0 348.8



#73
 Isopropylbenzene
 Concen: 52.644 ug/l
 RT: 12.331 min Scan# 1724
 Delta R.T. 0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

Tgt Ion:105 Resp: 388546
 Ion Ratio Lower Upper
 105 100
 120 26.6 13.3 39.9





#74

N-amy1 acetate

Concen: 49.240 ug/l

RT: 12.142 min Scan# 1

Delta R.T. -0.000 min

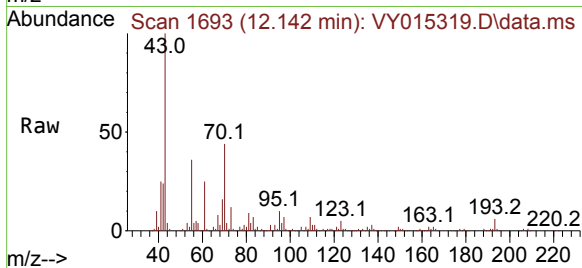
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 131212

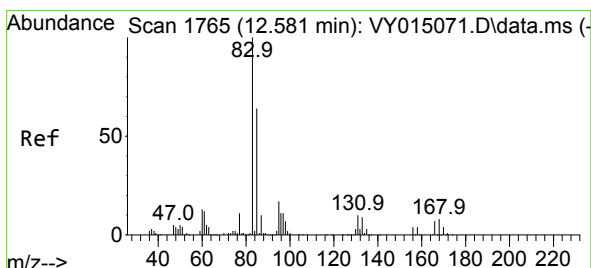
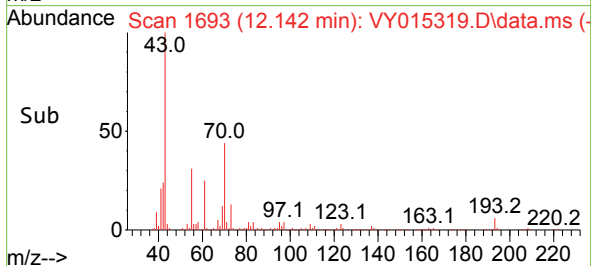
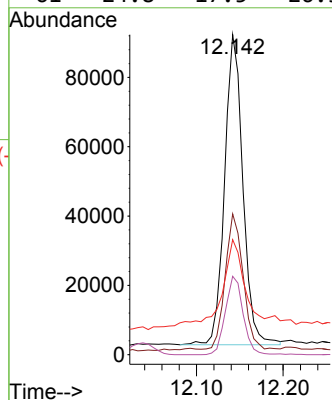
Ion Ratio Lower Upper

43 100

70 42.5 29.7 44.5

55 39.2 18.3 27.5#

61 24.8 17.5 26.3



#75

1,1,2,2-Tetrachloroethane

Concen: 50.471 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

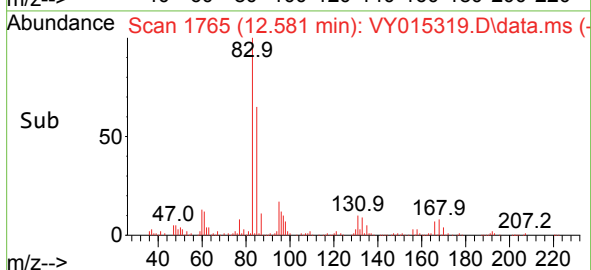
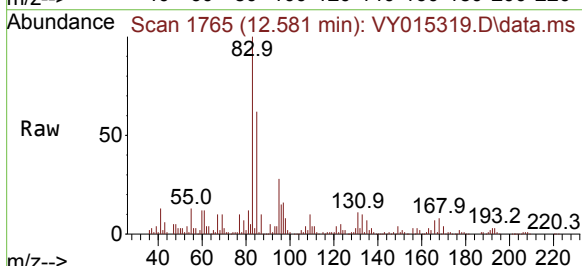
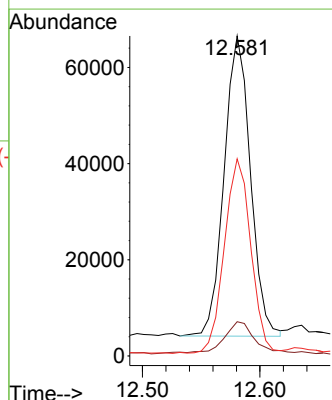
Tgt Ion: 83 Resp: 97018

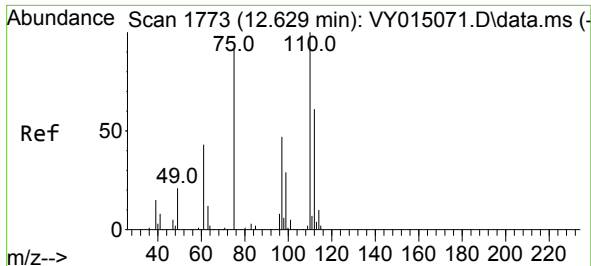
Ion Ratio Lower Upper

83 100

131 14.0 5.4 16.2

85 65.3 31.8 95.4

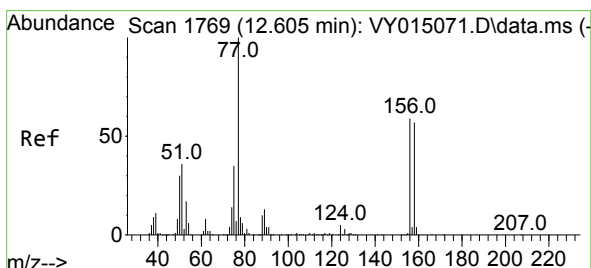
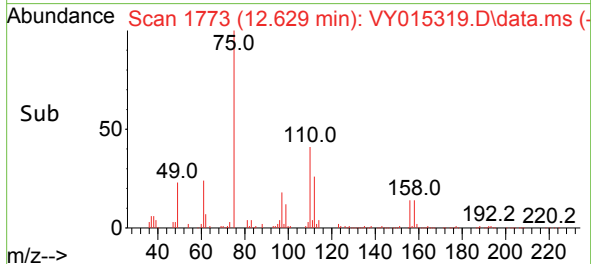
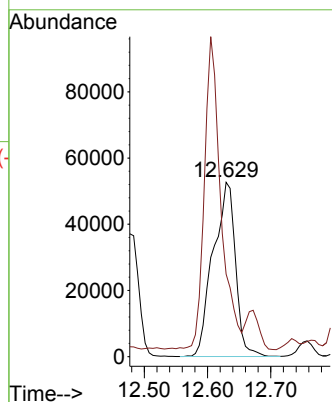
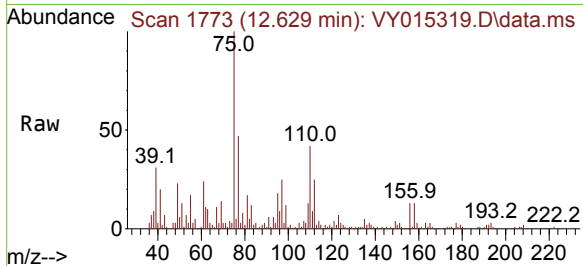




#76
1,2,3-Trichloropropane
Concen: 92.508 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

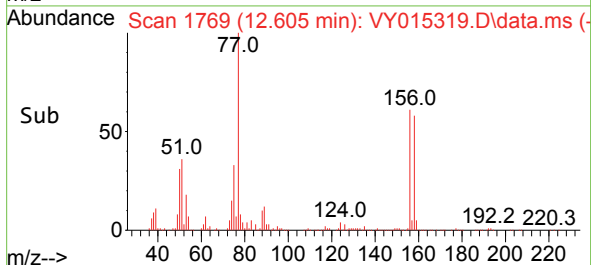
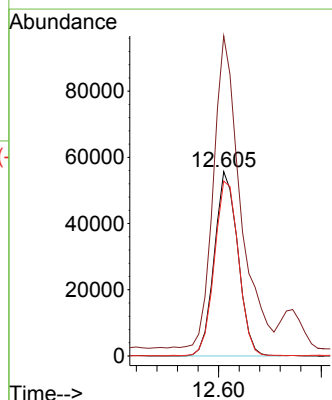
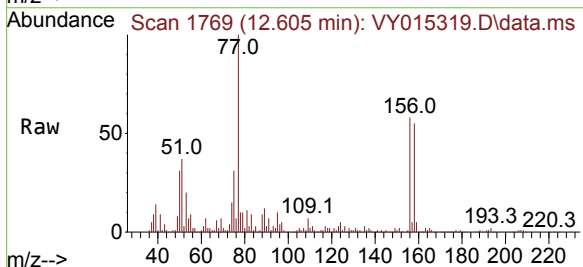
Instrument :
MSVOA_Y
ClientSampleId :

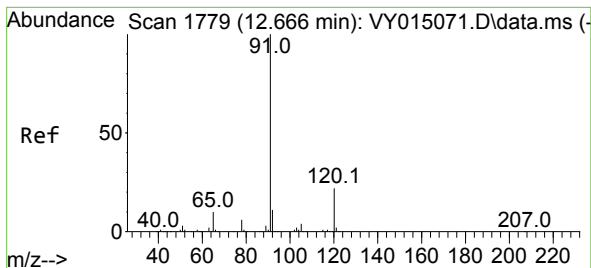
Tgt Ion: 75 Resp: 129000
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 49.263 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY015319.D
Acq: 24 Aug 2023 18:05

Tgt Ion:156 Resp: 88626
Ion Ratio Lower Upper
156 100
77 193.7 92.8 278.6
158 96.9 48.4 145.3





#78

n-propylbenzene

Concen: 51.068 ug/l

RT: 12.672 min Scan# 1779

Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

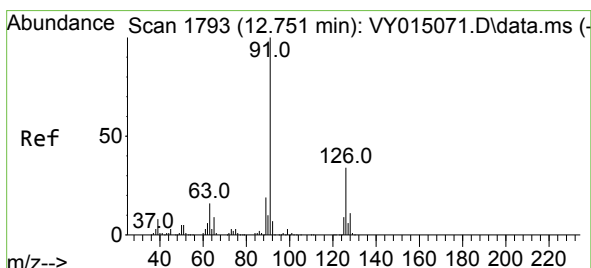
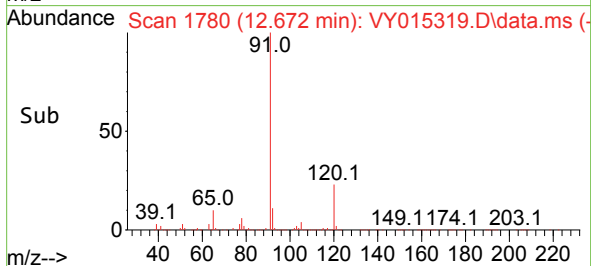
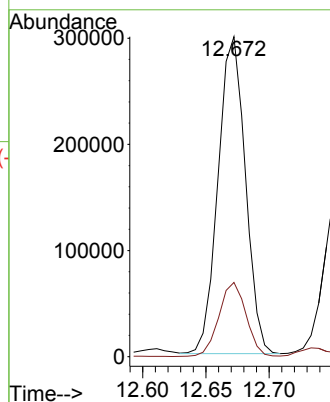
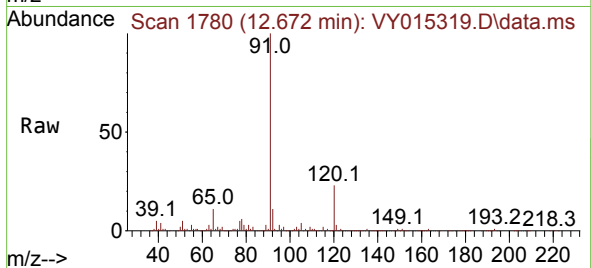
ClientSampleId :

Tgt Ion: 91 Resp: 447584

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4



#79

2-Chlorotoluene

Concen: 51.186 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015319.D

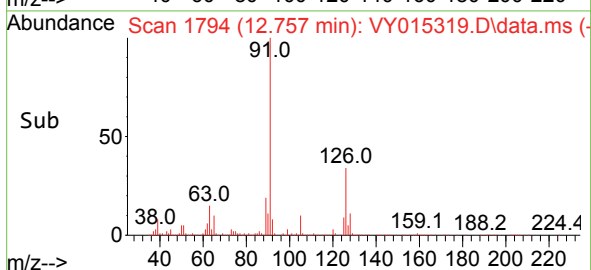
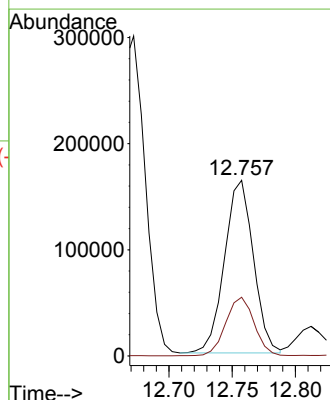
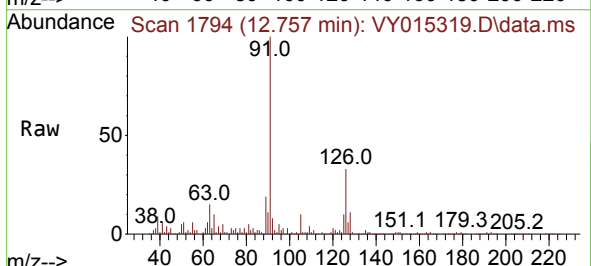
Acq: 24 Aug 2023 18:05

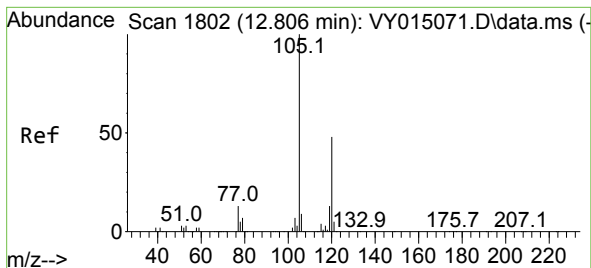
Tgt Ion: 91 Resp: 258796

Ion Ratio Lower Upper

91 100

126 33.4 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 52.946 ug/l

RT: 12.812 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

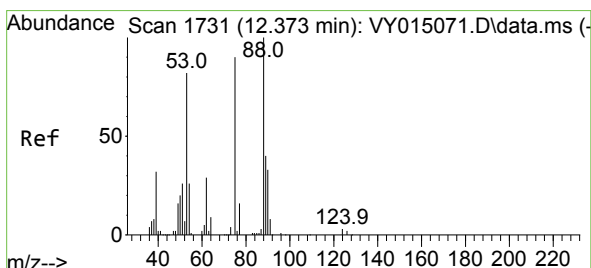
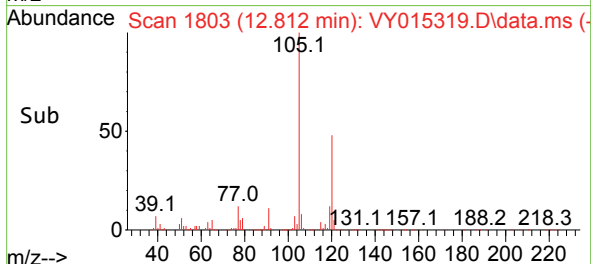
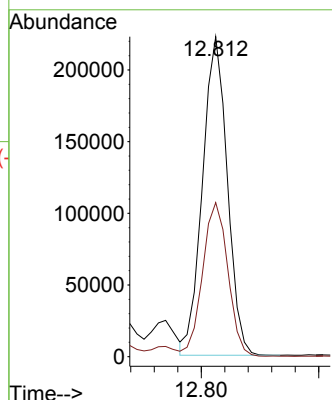
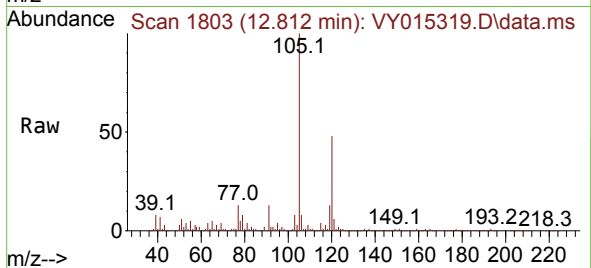
ClientSampleId :

Tgt Ion:105 Resp: 325739

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 47.281 ug/l

RT: 12.379 min Scan# 1732

Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

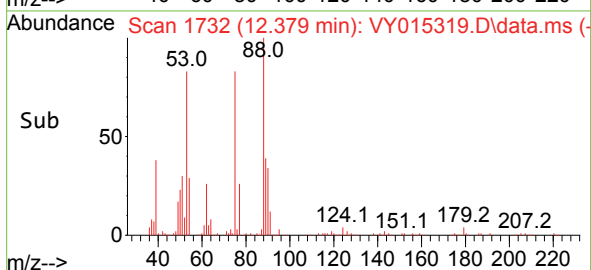
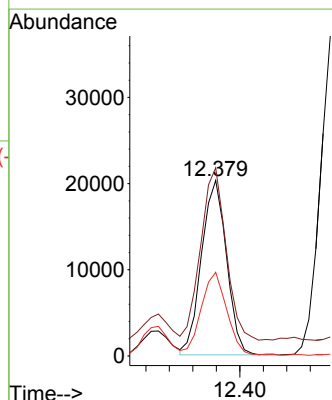
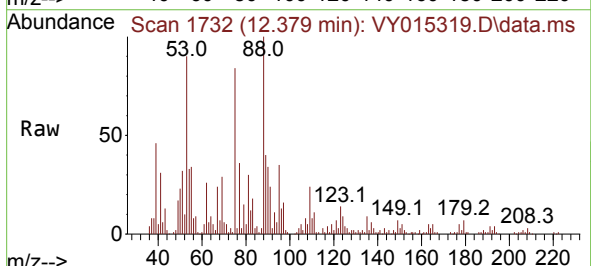
Tgt Ion: 75 Resp: 30017

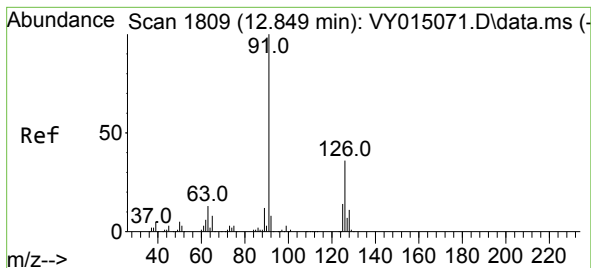
Ion Ratio Lower Upper

75 100

53 101.0 77.8 116.8

89 48.6 37.4 56.0





#82

4-Chlorotoluene

Concen: 48.978 ug/l

RT: 12.855 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

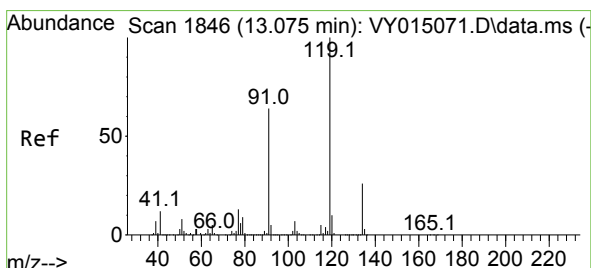
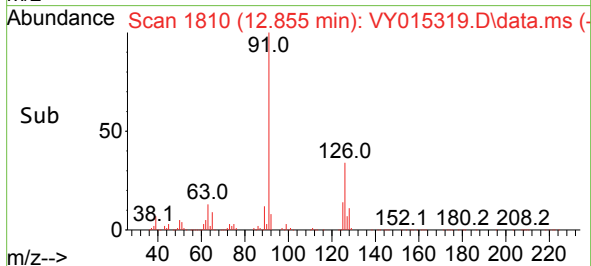
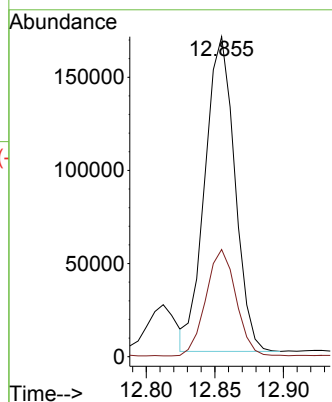
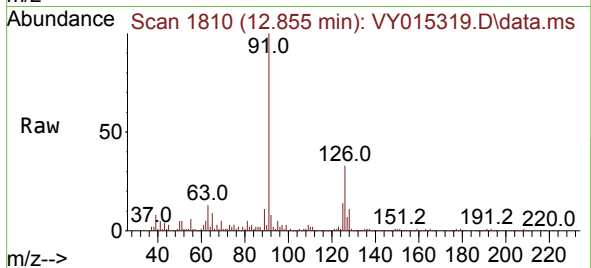
ClientSampleId :

Tgt Ion: 91 Resp: 255835

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6



#83

tert-Butylbenzene

Concen: 49.069 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

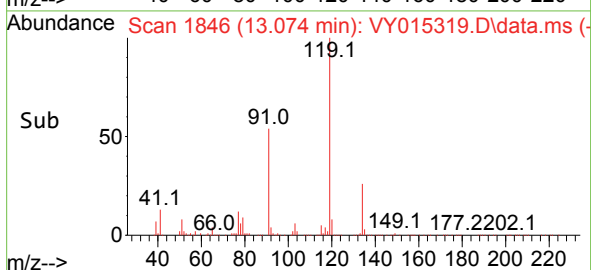
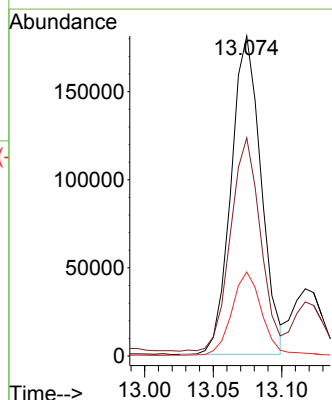
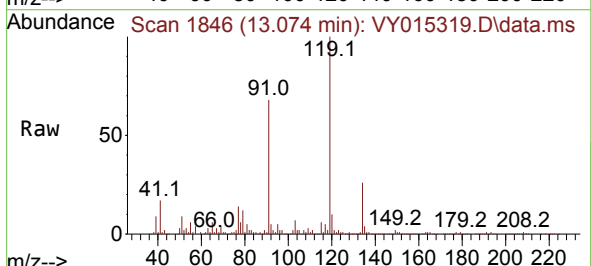
Tgt Ion: 119 Resp: 276128

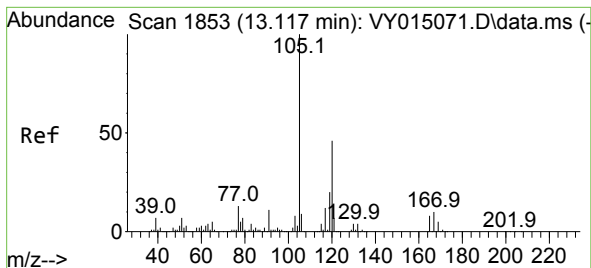
Ion Ratio Lower Upper

119 100

91 66.5 32.9 98.6

134 26.7 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 62.080 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

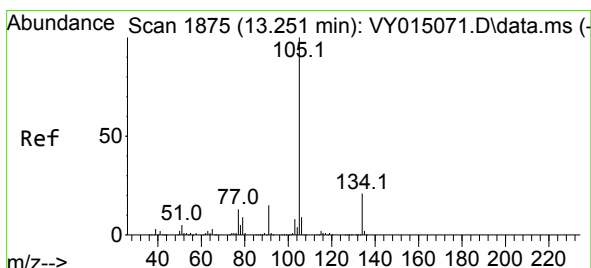
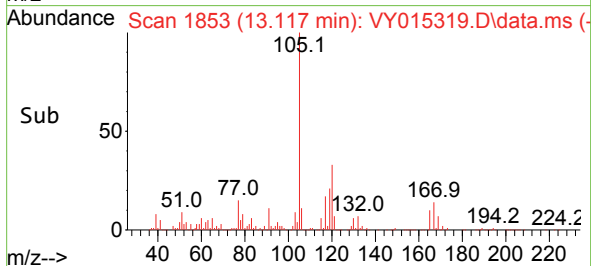
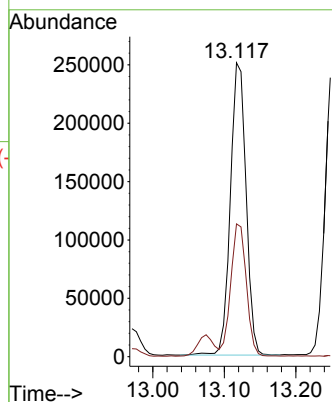
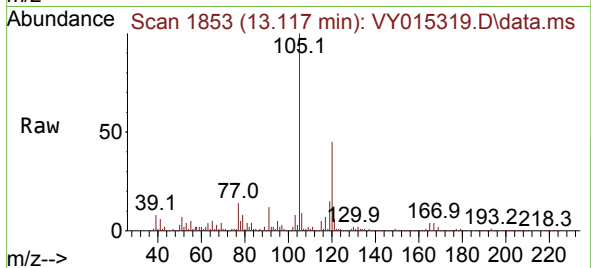
ClientSampleId :

Tgt Ion:105 Resp: 381651

Ion Ratio Lower Upper

105 100

120 44.6 22.2 66.6



#85

sec-Butylbenzene

Concen: 49.604 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015319.D

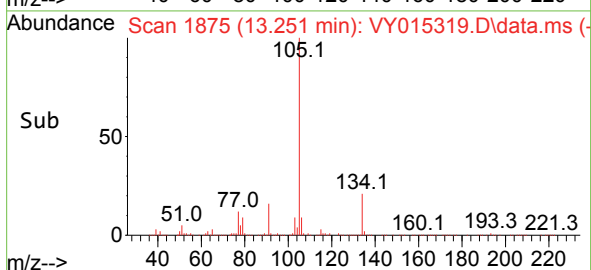
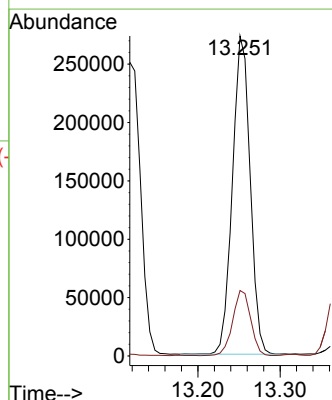
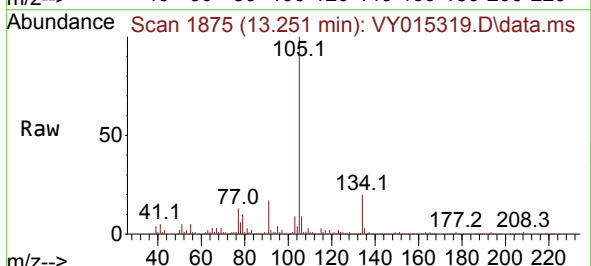
Acq: 24 Aug 2023 18:05

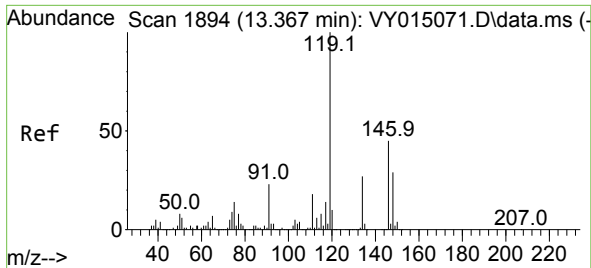
Tgt Ion:105 Resp: 408991

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6

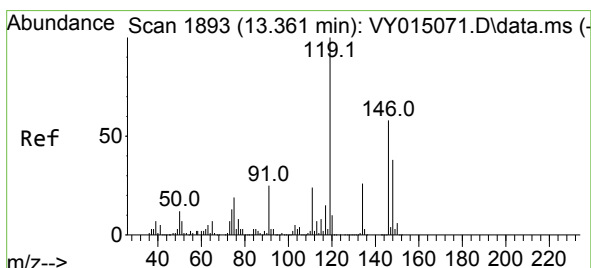
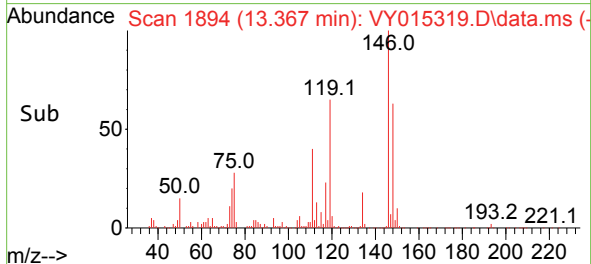
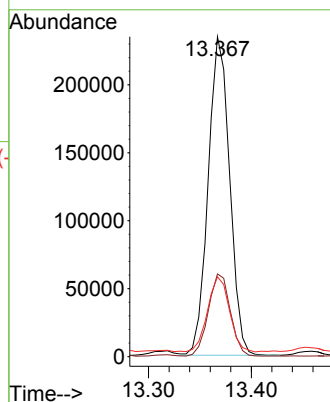
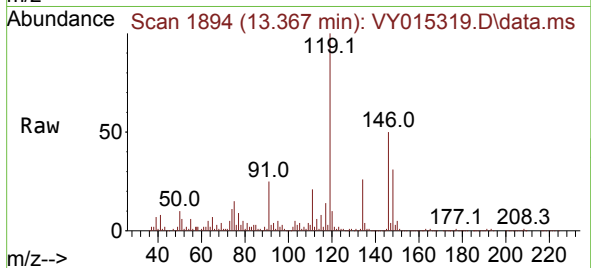




#86
 p-Isopropyltoluene
 Concen: 49.765 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

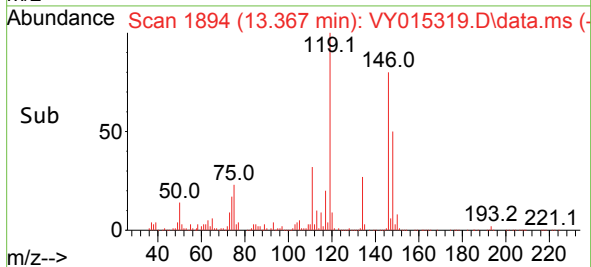
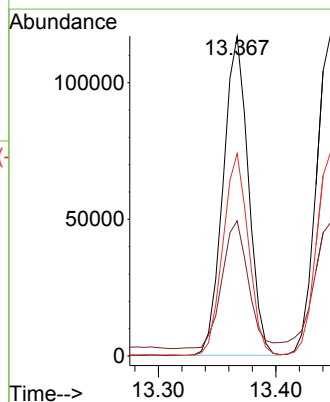
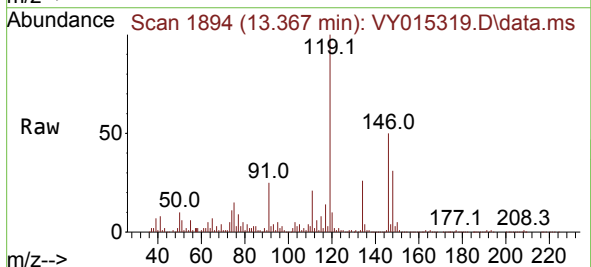
Instrument :
 MSVOA_Y
 ClientSampleId :

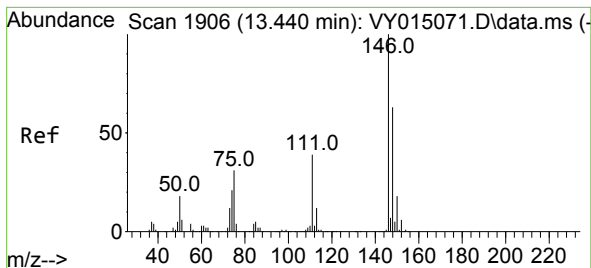
Tgt Ion:	119	Resp:	340190
Ion Ratio	Lower	Upper	
119	100		
134	26.3	13.3	39.8
91	23.7	12.4	37.4



#87
 1,3-Dichlorobenzene
 Concen: 48.780 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

Tgt Ion:	146	Resp:	174062
Ion Ratio	Lower	Upper	
146	100		
111	41.8	19.4	58.2
148	63.8	31.9	95.5





#88

1,4-Dichlorobenzene

Concen: 48.828 ug/l

RT: 13.446 min Scan# 1906

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

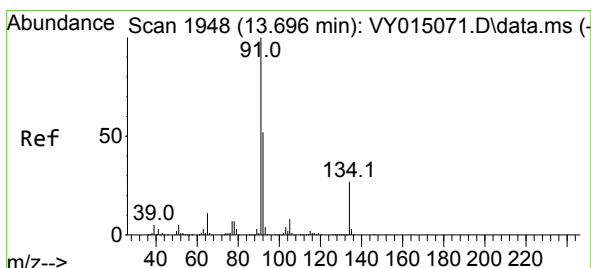
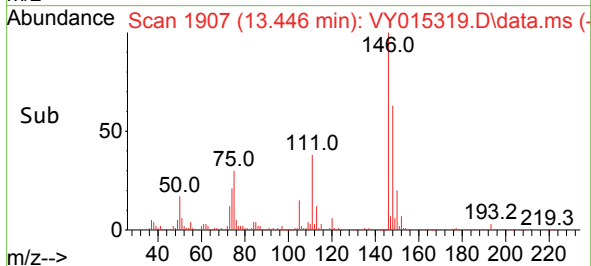
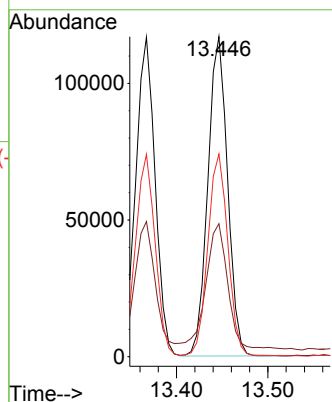
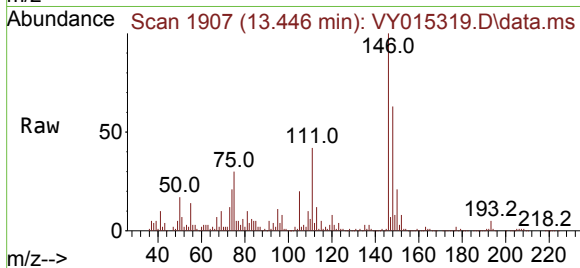
Tgt Ion:146 Resp: 174757

Ion Ratio Lower Upper

146 100

111 45.0 18.9 56.7

148 64.6 32.1 96.5



#89

n-Butylbenzene

Concen: 49.596 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

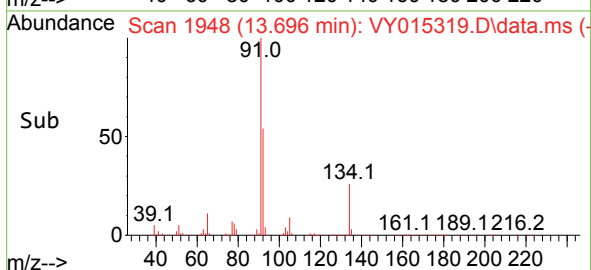
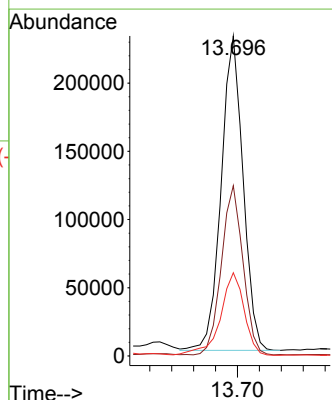
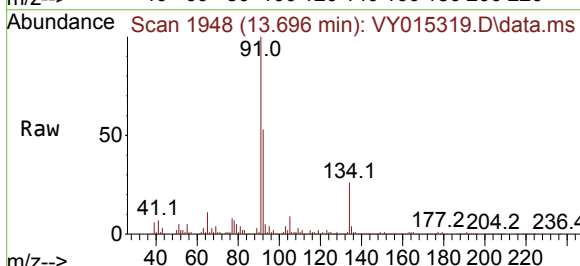
Tgt Ion: 91 Resp: 319664

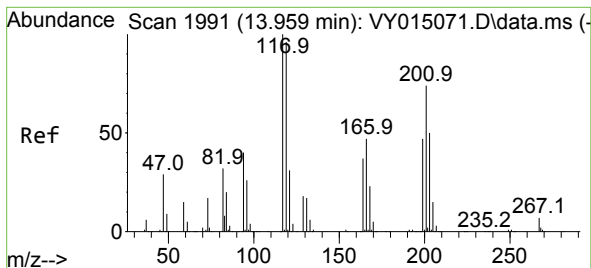
Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 28.6 12.6 37.6





#90

Hexachloroethane

Concen: 52.049 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

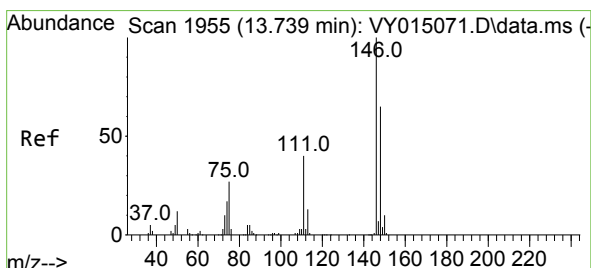
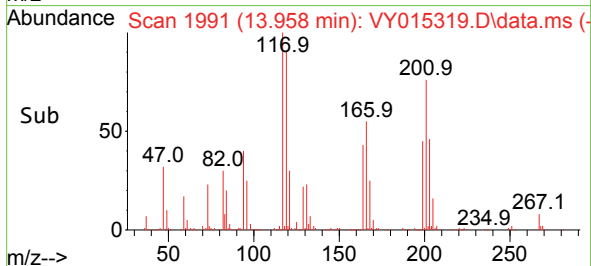
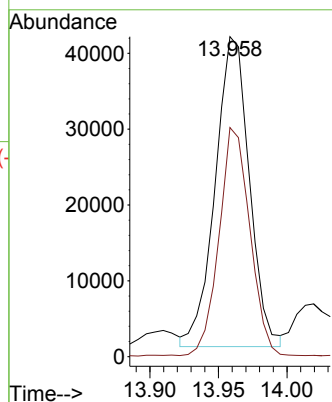
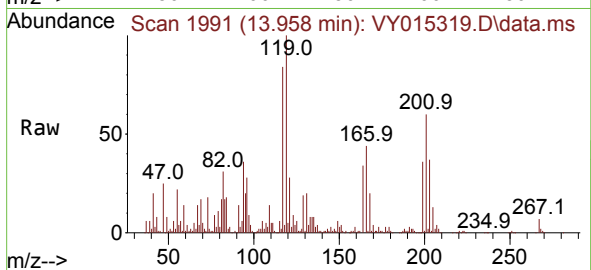
ClientSampleId :

Tgt Ion:117 Resp: 70586

Ion Ratio Lower Upper

117 100

201 66.7 41.6 124.8



#91

1,2-Dichlorobenzene

Concen: 50.572 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

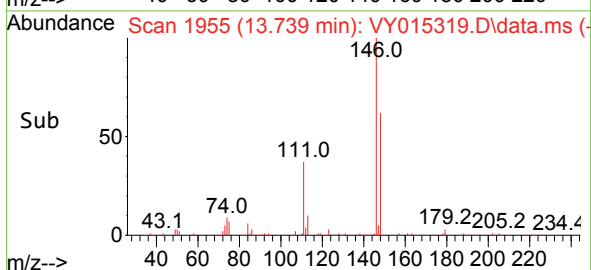
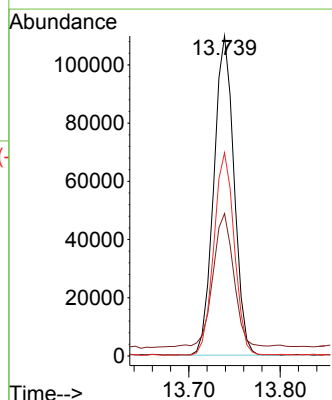
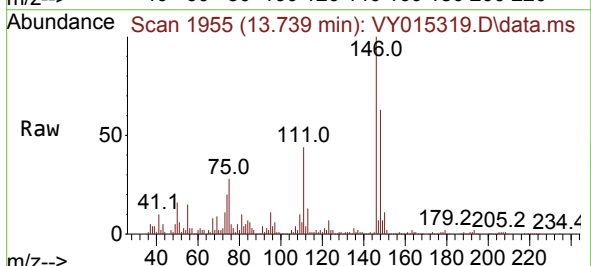
Tgt Ion:146 Resp: 168581

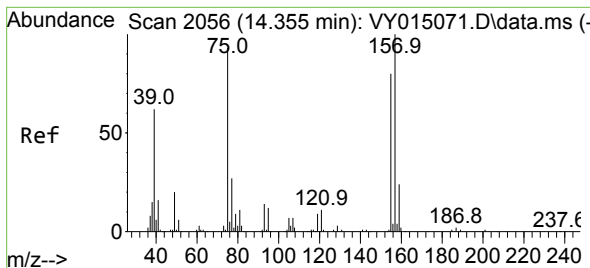
Ion Ratio Lower Upper

146 100

111 43.9 19.7 59.0

148 64.3 32.0 96.2

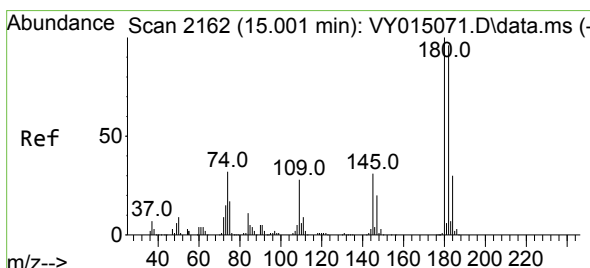
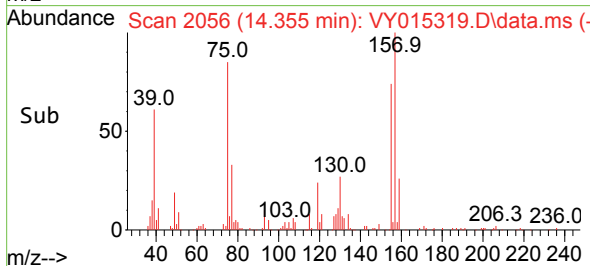
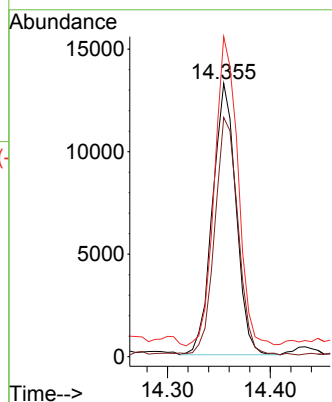
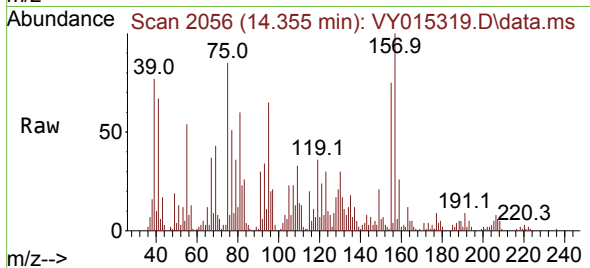




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.352 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

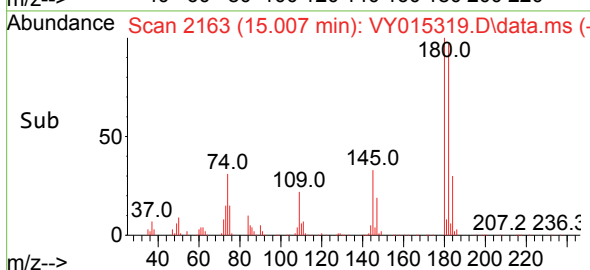
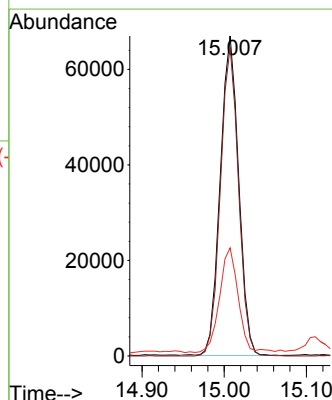
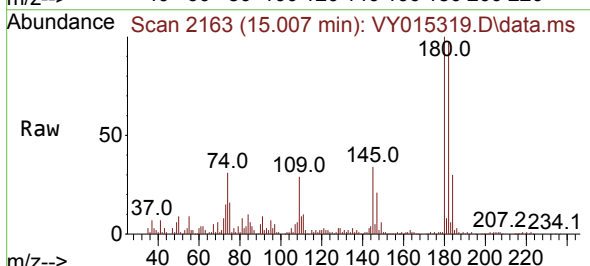
Instrument :
 MSVOA_Y
 ClientSampleId :

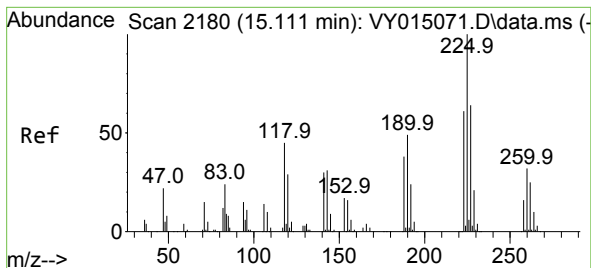
Tgt Ion: 75 Resp: 20984
 Ion Ratio Lower Upper
 75 100
 155 87.0 41.5 124.6
 157 113.1 51.8 155.5



#93
 1,2,4-Trichlorobenzene
 Concen: 48.693 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY015319.D
 Acq: 24 Aug 2023 18:05

Tgt Ion: 180 Resp: 104206
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.2
 145 33.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 41.863 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

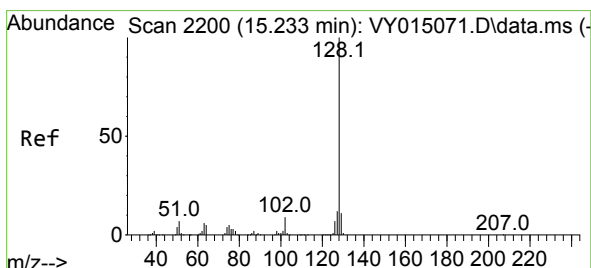
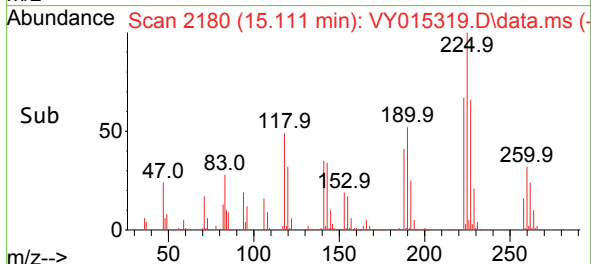
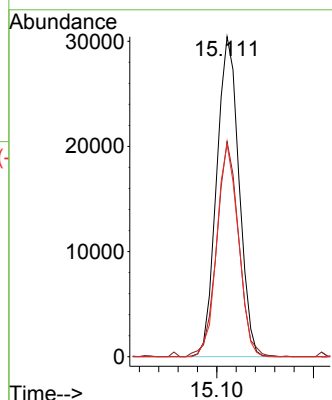
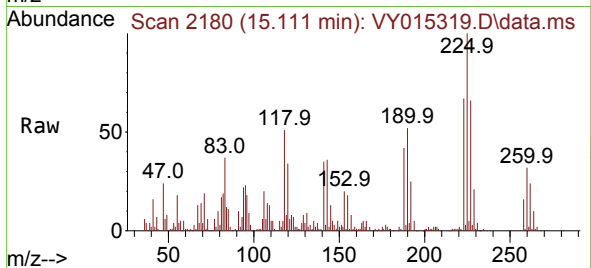
Tgt Ion:225 Resp: 48732

Ion Ratio Lower Upper

225 100

223 66.0 31.9 95.9

227 63.9 33.0 98.9



#95

Naphthalene

Concen: 544.830 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

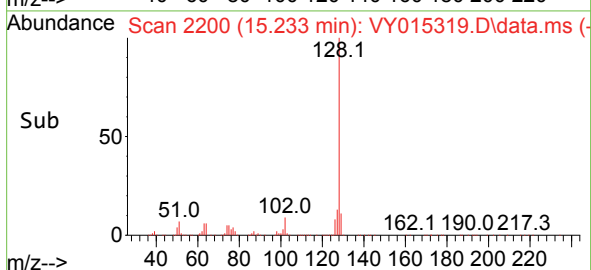
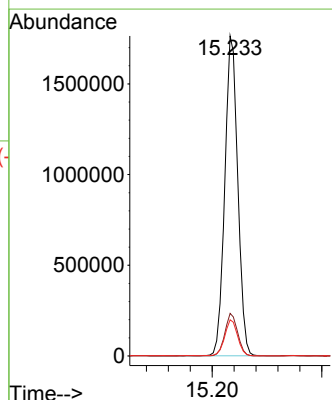
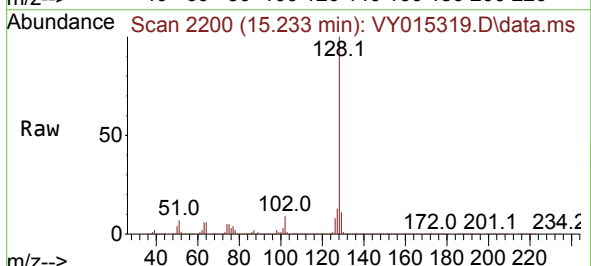
Tgt Ion:128 Resp: 2904516

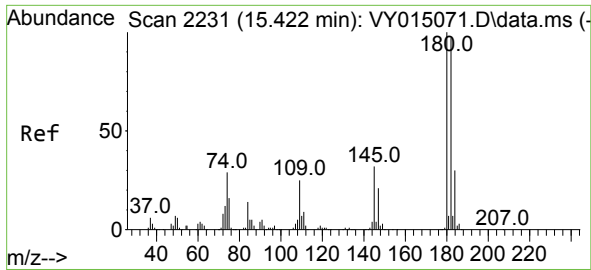
Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.2 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 51.511 ug/l

RT: 15.422 min Scan# 21

Delta R.T. -0.000 min

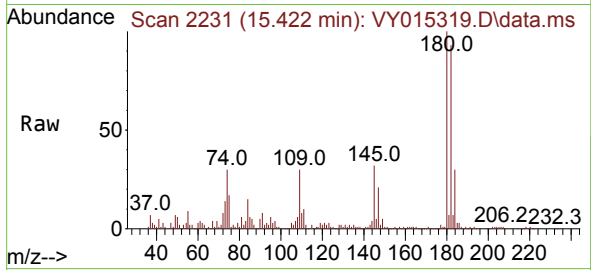
Lab File: VY015319.D

Acq: 24 Aug 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:180 Resp: 99557

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 33.5 15.4 46.2

