

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015587.D
 Acq On : 15 Sep 2023 23:15
 Operator : SY/MD
 Sample : VY0915SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:30:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	167211	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	286451	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	264577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134156	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93087	51.932	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.722	113	84038	50.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.880%	
50) Toluene-d8	10.185	98	277443	46.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.860%	
62) 4-Bromofluorobenzene	12.483	95	108371	48.858	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	23163	15.936	ug/l	99
3) Chloromethane	2.113	50	31233	16.180	ug/l	97
4) Vinyl Chloride	2.253	62	35003	15.579	ug/l	96
5) Bromomethane	2.644	94	25010	15.644	ug/l	94
6) Chloroethane	2.784	64	25125	17.013	ug/l	97
7) Trichlorofluoromethane	3.119	101	58415	18.380	ug/l	99
8) Diethyl Ether	3.534	74	25336	23.327	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	35488	20.146	ug/l	96
10) Methyl Iodide	4.088	142	31820	15.382	ug/l	99
11) Tert butyl alcohol	4.936	59	109253	281.118	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	31846	19.159	ug/l	94
13) Acrolein	3.741	56	26319	62.036	ug/l	100
14) Allyl chloride	4.479	41	56414	21.317	ug/l	95
15) Acrylonitrile	5.174	53	100678	147.307	ug/l	98
16) Acetone	3.966	43	104995	140.335	ug/l	91
17) Carbon Disulfide	4.192	76	63198	12.718	ug/l	100
18) Methyl Acetate	4.491	43	88113	32.515	ug/l	94
19) Methyl tert-butyl Ether	5.235	73	131826	24.402	ug/l	100
20) Methylene Chloride	4.722	84	103970	42.075	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	37357	19.517	ug/l	97
22) Diisopropyl ether	6.125	45	138544	23.936	ug/l	96
23) Vinyl Acetate	6.070	43	399193	109.235	ug/l	96
24) 1,1-Dichloroethane	6.027	63	75591	22.592	ug/l	95
25) 2-Butanone	7.003	43	162970	153.578	ug/l	100
26) 2,2-Dichloropropane	6.990	77	60353	21.237	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	48483	22.328	ug/l	97
28) Bromochloromethane	7.344	49	24050	23.439	ug/l	100
29) Tetrahydrofuran	7.356	42	98504	147.820	ug/l	93
30) Chloroform	7.515	83	82172	23.362	ug/l	100
31) Cyclohexane	7.789	56	55889	17.553	ug/l	91
32) 1,1,1-Trichloroethane	7.710	97	66937	21.306	ug/l	98
36) 1,1-Dichloropropene	7.923	75	54115	18.679	ug/l	99
37) Ethyl Acetate	7.088	43	60788	27.206	ug/l	96
38) Carbon Tetrachloride	7.905	117	58040	19.398	ug/l	96
39) Methylcyclohexane	9.191	83	60179	16.500	ug/l	92
40) Benzene	8.167	78	164514	20.354	ug/l	100

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Quant Time: Sep 15 23:30:14 2023
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 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	85857	81.943	ug/l #	29
42) 1,2-Dichloroethane	8.240	62	59059	21.912	ug/l	94
43) Isopropyl Acetate	8.277	43	97128	25.139	ug/l	97
44) Trichloroethene	8.947	130	48212	21.082	ug/l	95
45) 1,2-Dichloropropane	9.222	63	46512	22.827	ug/l	97
46) Dibromomethane	9.313	93	30813	22.766	ug/l	95
47) Bromodichloromethane	9.502	83	66906	23.115	ug/l	99
48) Methyl methacrylate	9.301	41	43846	24.734	ug/l	92
49) 1,4-Dioxane	9.325	88	14571	579.593	ug/l #	53
51) 4-Methyl-2-Pentanone	10.075	43	321033	142.958	ug/l	94
52) Toluene	10.246	92	106877	20.631	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	66993	21.779	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	72166	21.567	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	44531	24.418	ug/l	97
56) Ethyl methacrylate	10.514	69	65126	24.099	ug/l	90
57) 1,3-Dichloropropane	10.795	76	74159	23.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	114098	118.283	ug/l	96
59) 2-Hexanone	10.837	43	245455	145.669	ug/l	92
60) Dibromochloromethane	10.990	129	50041	23.444	ug/l	100
61) 1,2-Dibromoethane	11.093	107	44431	24.044	ug/l	99
64) Tetrachloroethene	10.727	164	56812	23.657	ug/l	97
65) Chlorobenzene	11.520	112	122353	21.461	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	46609	22.335	ug/l	98
67) Ethyl Benzene	11.599	91	211519	20.661	ug/l	99
68) m/p-Xylenes	11.709	106	161937	40.809	ug/l	96
69) o-Xylene	12.032	106	78277	20.641	ug/l	100
70) Styrene	12.050	104	137832	21.615	ug/l	96
71) Bromoform	12.215	173	35923	24.678	ug/l #	97
73) Isopropylbenzene	12.337	105	210434	20.883	ug/l	100
74) N-amyl acetate	12.148	43	81499	24.073	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	59922	24.910	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	79915	44.920	ug/l #	100
77) Bromobenzene	12.611	156	51553	21.600	ug/l	93
78) n-propylbenzene	12.678	91	252187	20.682	ug/l	100
79) 2-Chlorotoluene	12.764	91	143697	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	176098	20.893	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18687	23.171	ug/l	98
82) 4-Chlorotoluene	12.861	91	150629	21.192	ug/l	100
83) tert-Butylbenzene	13.081	119	152264	20.625	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	174682	20.873	ug/l	99
85) sec-Butylbenzene	13.257	105	231736	21.045	ug/l	99
86) p-Isopropyltoluene	13.373	119	192036	20.809	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	100324	21.292	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	101646	21.341	ug/l	98
89) n-Butylbenzene	13.703	91	177654	20.453	ug/l	97
90) Hexachloroethane	13.965	117	36065	21.850	ug/l	88
91) 1,2-Dichlorobenzene	13.745	146	96363	22.411	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12923	27.157	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	58187	21.548	ug/l	99
94) Hexachlorobutadiene	15.117	225	30644	20.811	ug/l	97
95) Naphthalene	15.239	128	162393	24.277	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54330	22.057	ug/l	99

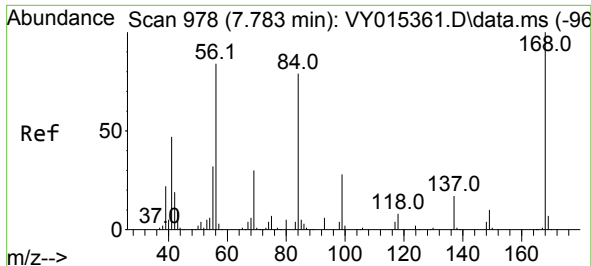
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
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Response via : Initial Calibration

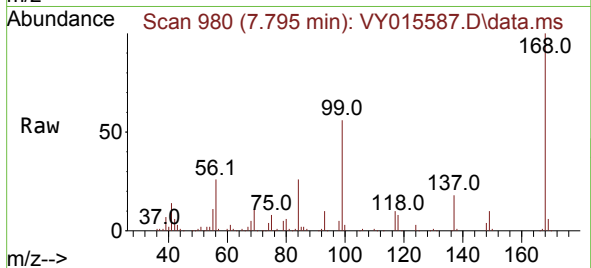
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

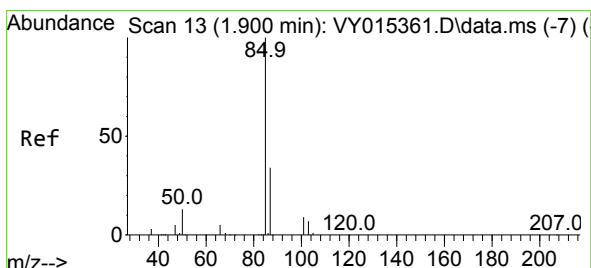
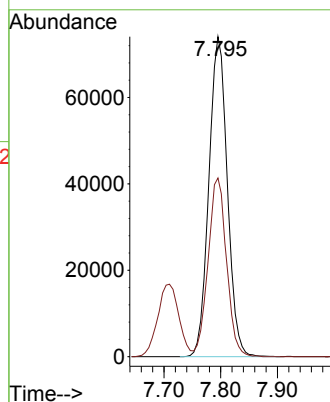
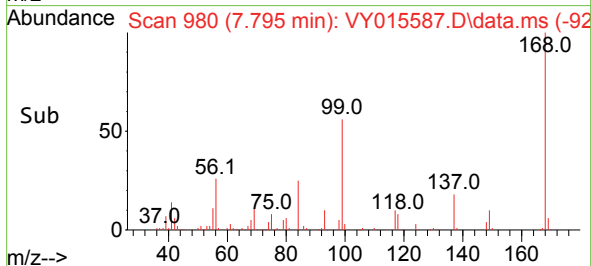


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Instrument :
MSVOA_Y
ClientSampleId :

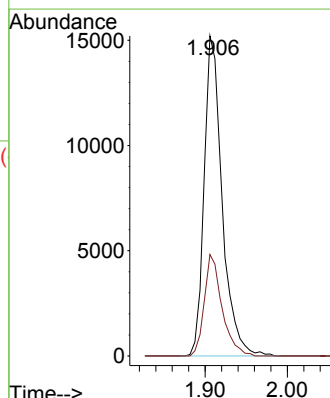
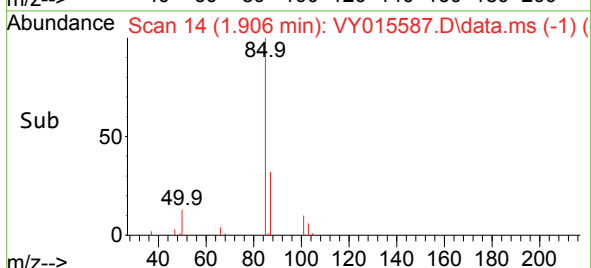
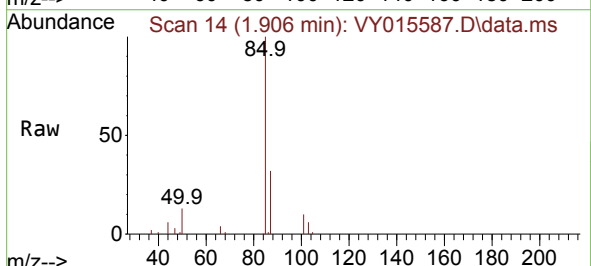


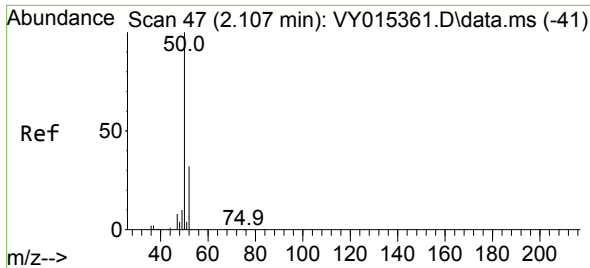
Tgt Ion:168 Resp: 167211
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.936 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 85 Resp: 23163
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8

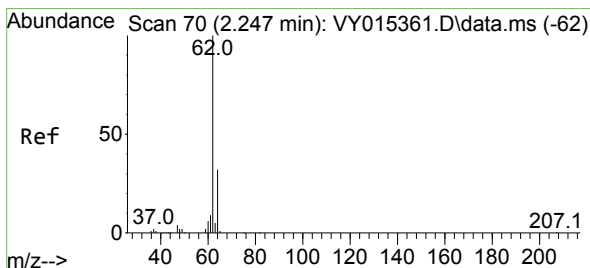
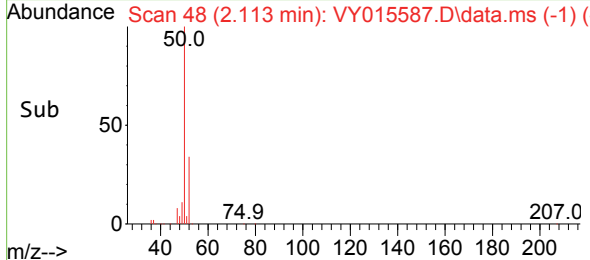
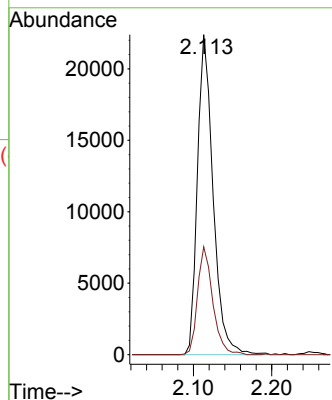
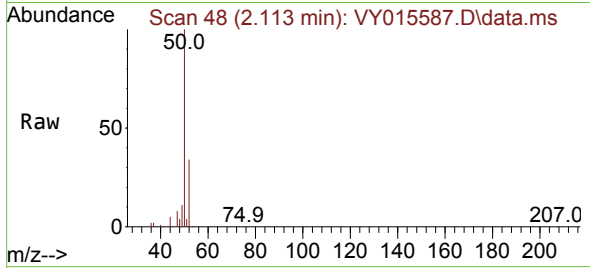




#3
Chloromethane
Concen: 16.180 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

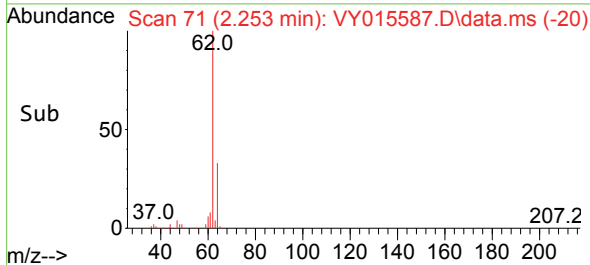
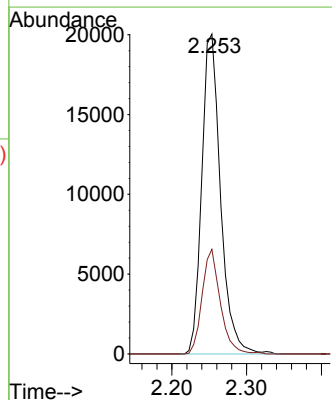
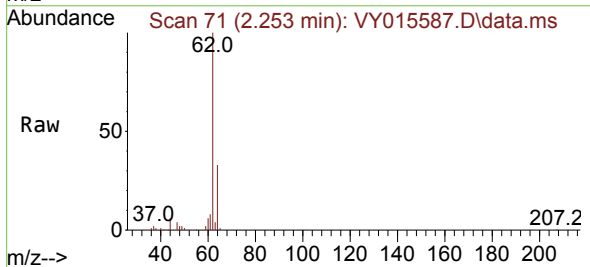
Instrument :
MSVOA_Y
ClientSampleId :

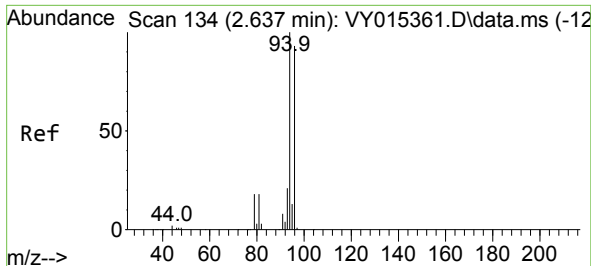
Tgt Ion: 50 Resp: 31233
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2



#4
Vinyl Chloride
Concen: 15.579 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 62 Resp: 35003
Ion Ratio Lower Upper
62 100
64 32.7 24.3 36.5





#5

Bromomethane

Concen: 15.644 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

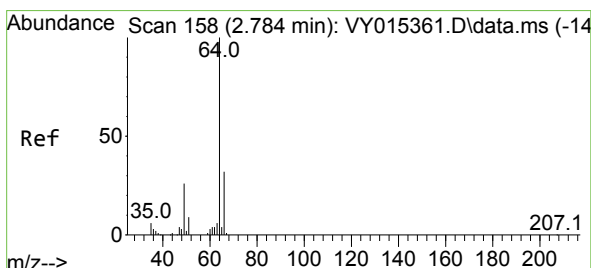
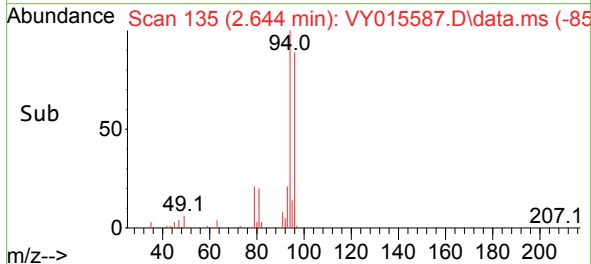
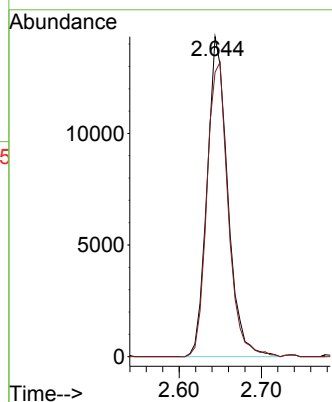
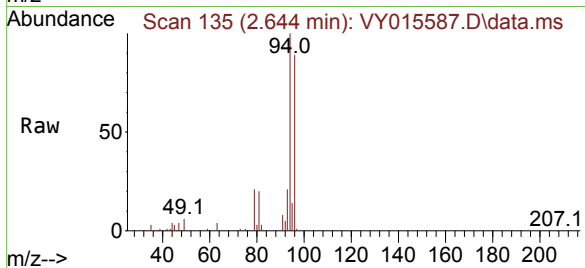
ClientSampleId :

Tgt Ion: 94 Resp: 25010

Ion Ratio Lower Upper

94 100

96 88.9 75.8 113.6



#6

Chloroethane

Concen: 17.013 ug/l

RT: 2.784 min Scan# 158

Delta R.T. 0.000 min

Lab File: VY015587.D

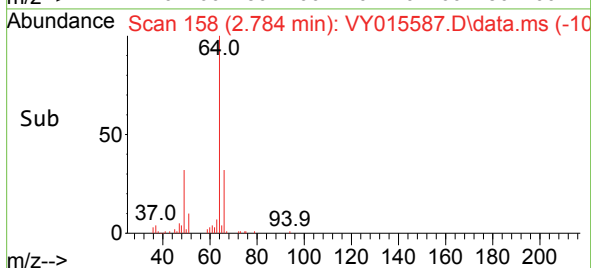
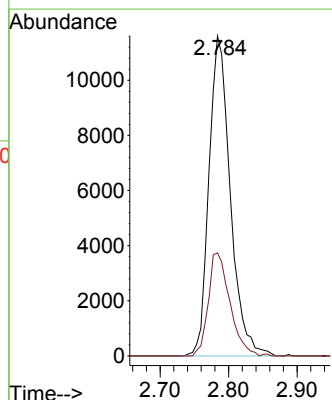
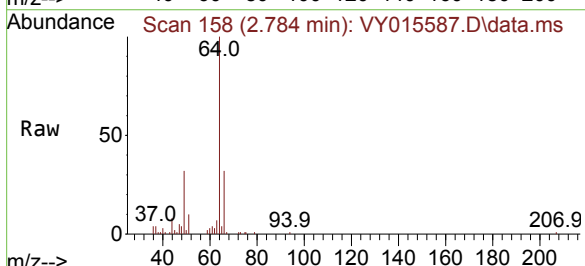
Acq: 15 Sep 2023 23:15

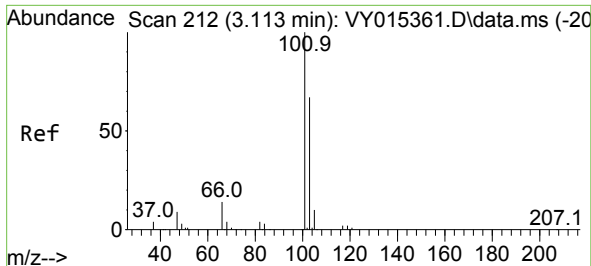
Tgt Ion: 64 Resp: 25125

Ion Ratio Lower Upper

64 100

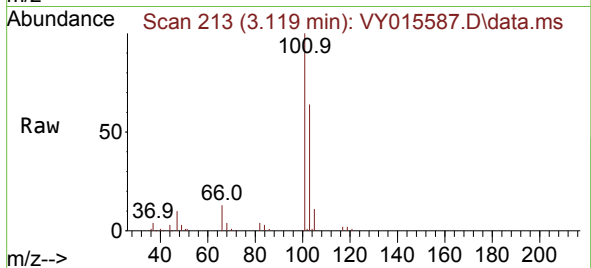
66 32.2 24.4 36.6



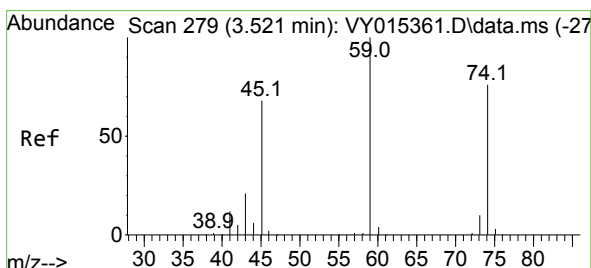
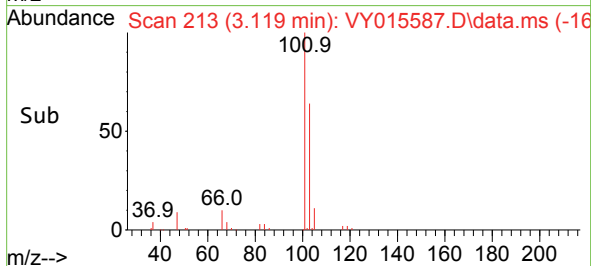
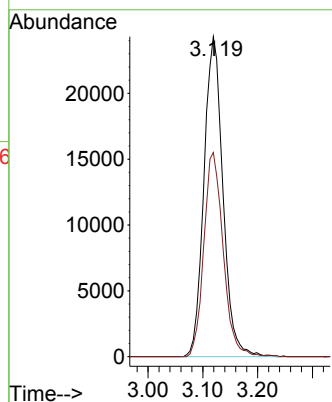


#7
 Trichlorofluoromethane
 Concen: 18.380 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

Instrument :
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 ClientSampleId :

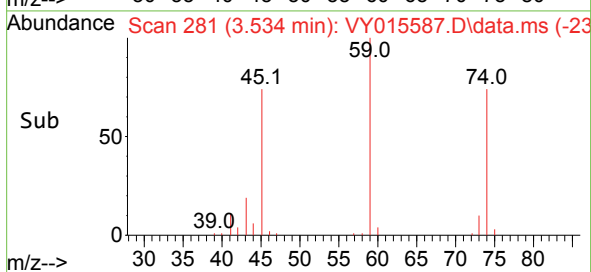
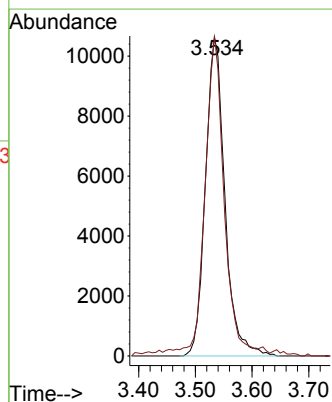
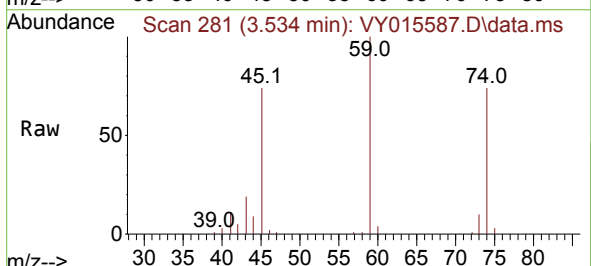


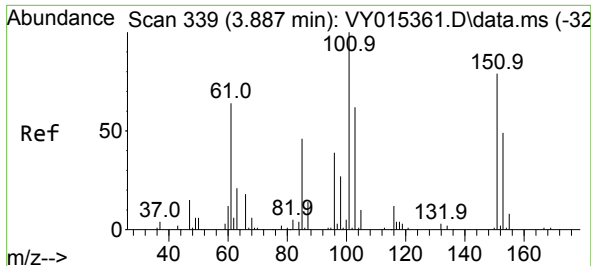
Tgt Ion:101 Resp: 58415
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 23.327 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

Tgt Ion: 74 Resp: 25336
 Ion Ratio Lower Upper
 74 100
 45 100.3 51.5 154.5

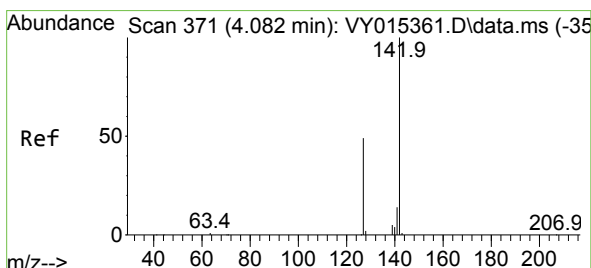
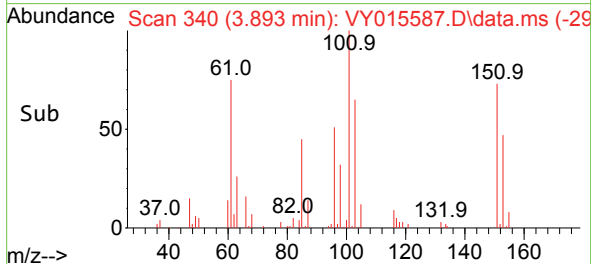
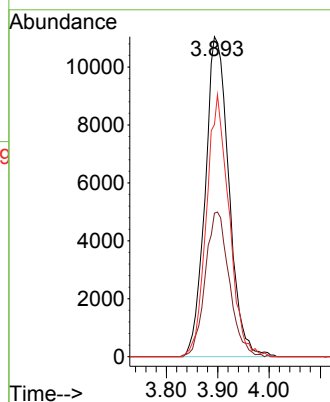
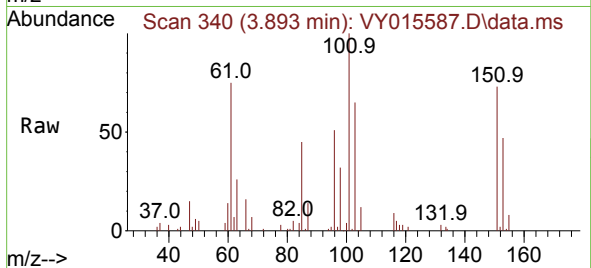




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.146 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

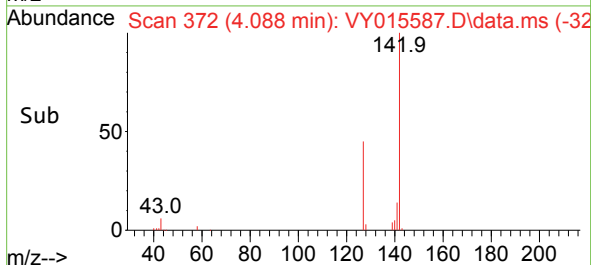
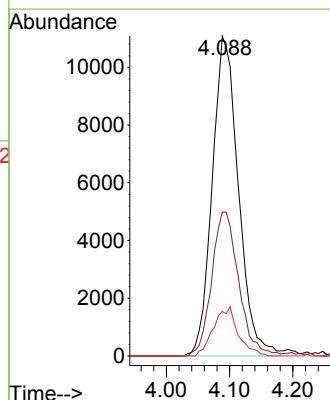
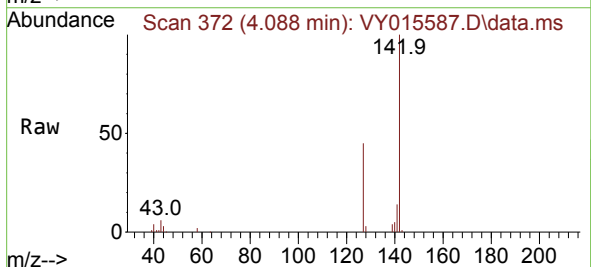
Instrument :
MSVOA_Y
ClientSampleId :

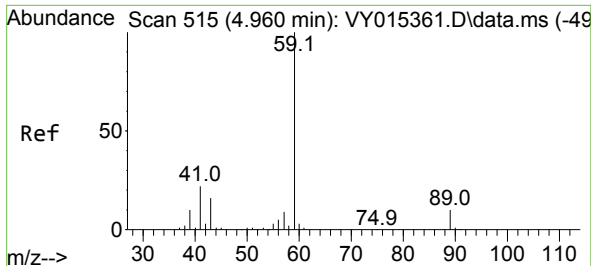
Tgt Ion:101 Resp: 35488
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 15.382 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion:142 Resp: 31820
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.4 11.8 17.8

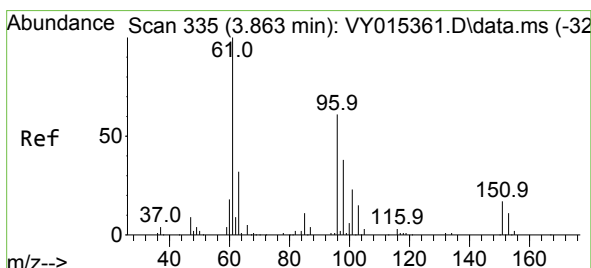
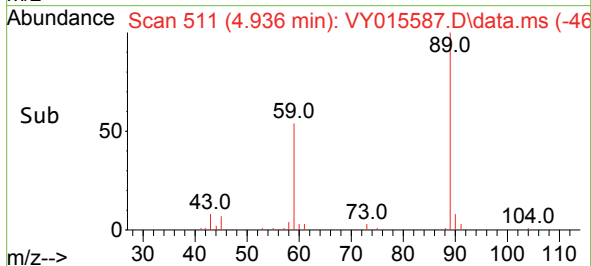
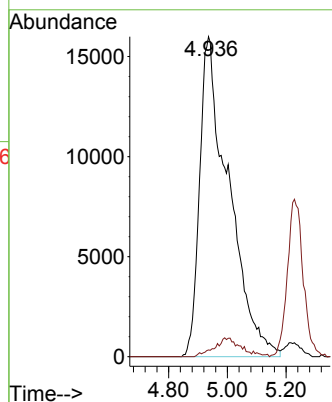
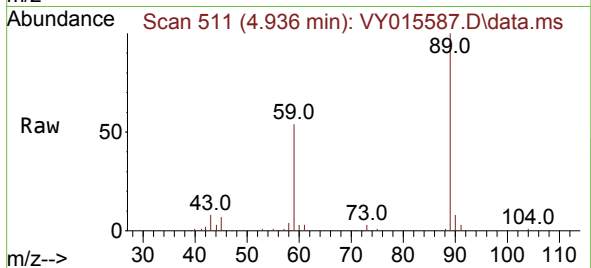




#11
Tert butyl alcohol
Concen: 281.118 ug/l
RT: 4.936 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

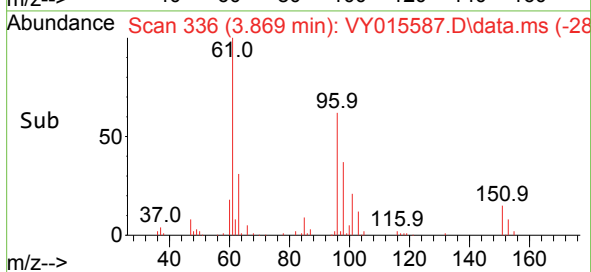
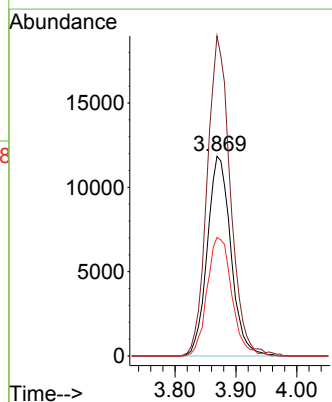
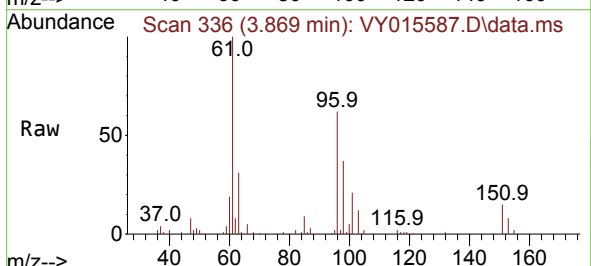
Instrument :
MSVOA_Y
ClientSampleId :

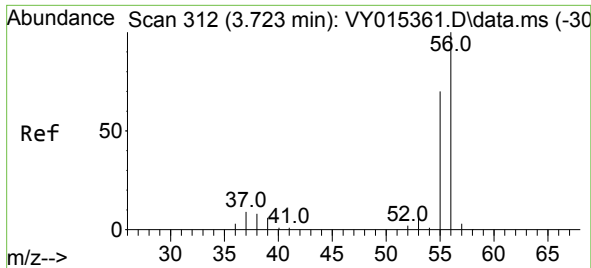
Tgt Ion: 59 Resp: 109253
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.159 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 96 Resp: 31846
Ion Ratio Lower Upper
96 100
61 160.3 136.4 204.6
98 59.3 49.4 74.2





#13

Acrolein

Concen: 62.036 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

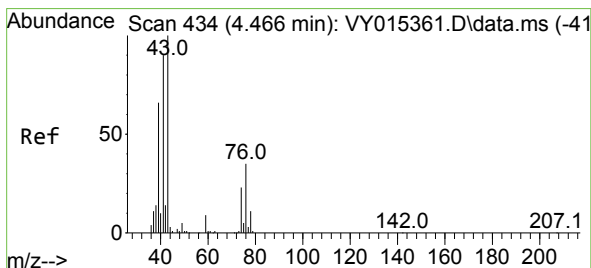
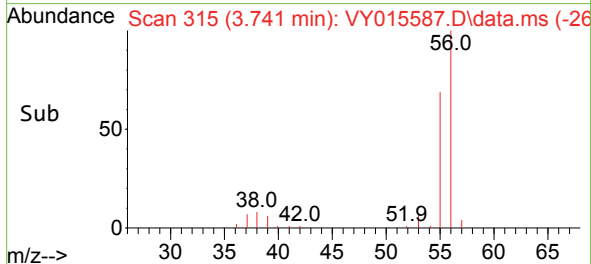
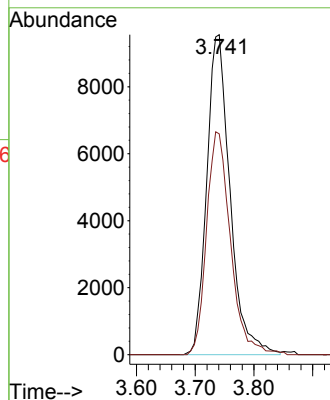
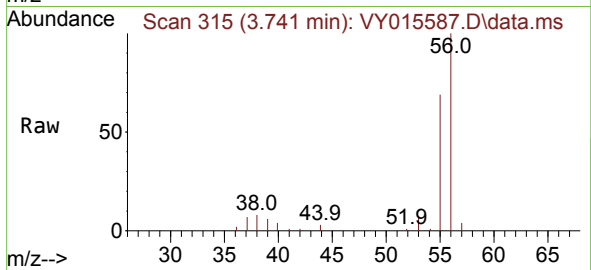
ClientSampleId :

Tgt Ion: 56 Resp: 26319

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 21.317 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

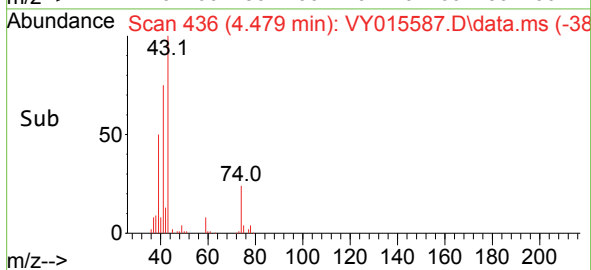
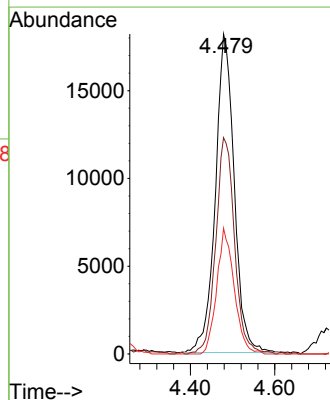
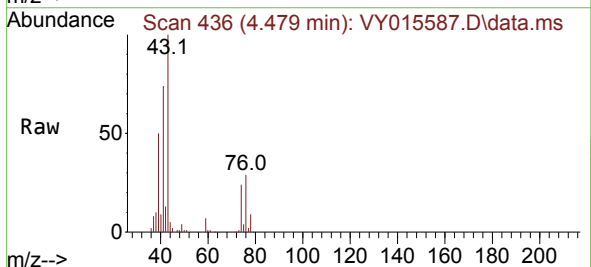
Tgt Ion: 41 Resp: 56414

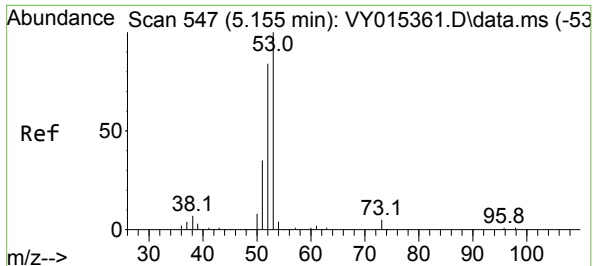
Ion Ratio Lower Upper

41 100

39 67.7 58.0 87.0

76 36.4 27.4 41.2

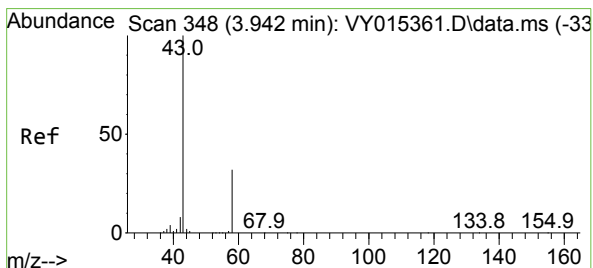
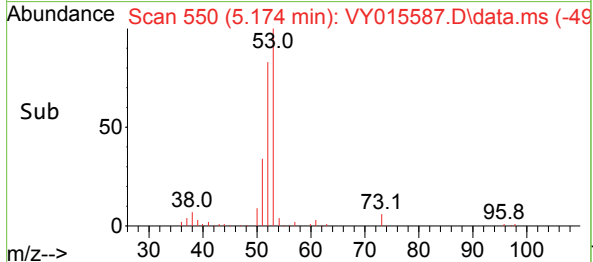
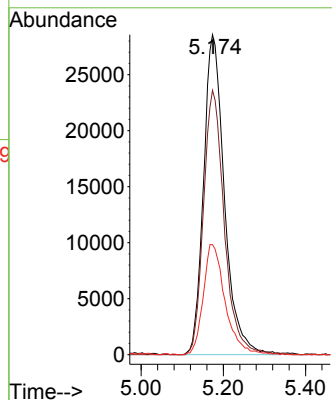
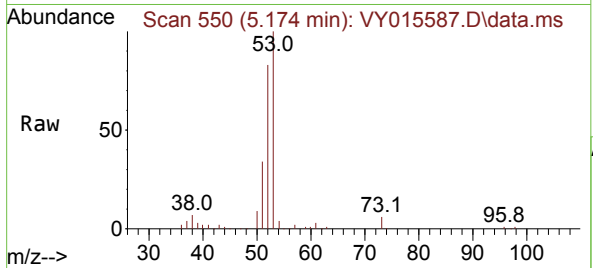




#15
Acrylonitrile
Concen: 147.307 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

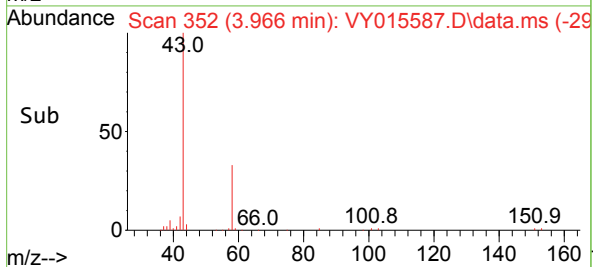
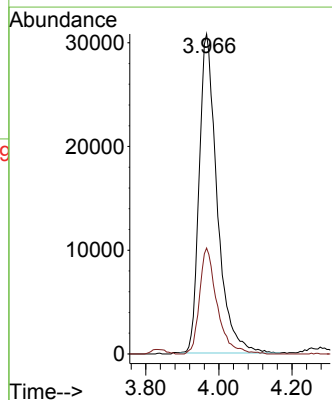
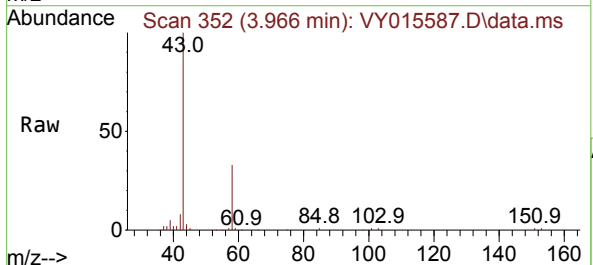
Instrument :
MSVOA_Y
ClientSampleId :

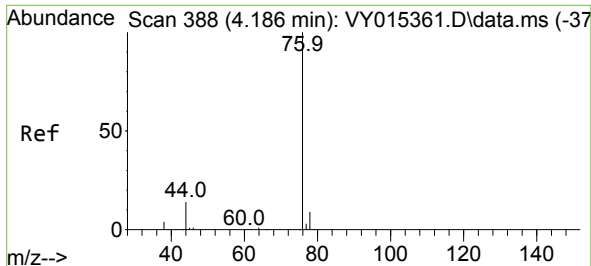
Tgt Ion: 53 Resp: 100678
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 140.335 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 43 Resp: 104995
Ion Ratio Lower Upper
43 100
58 33.2 22.7 34.1

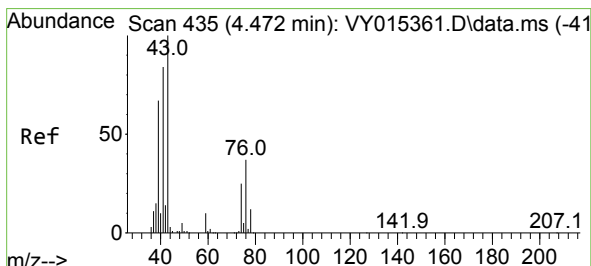
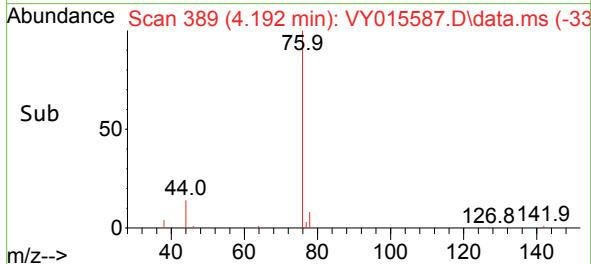
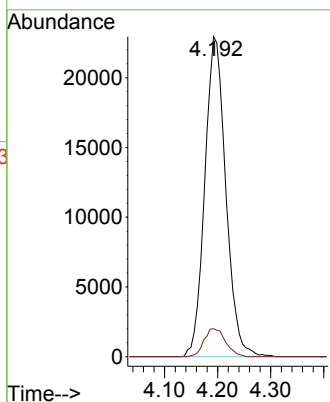
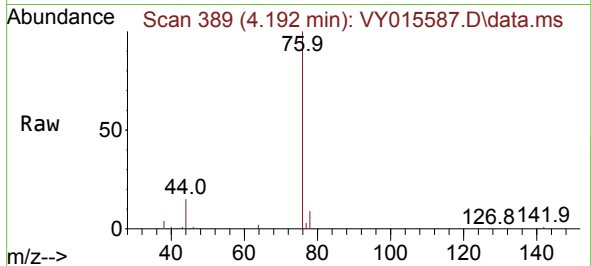




#17
Carbon Disulfide
Concen: 12.718 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

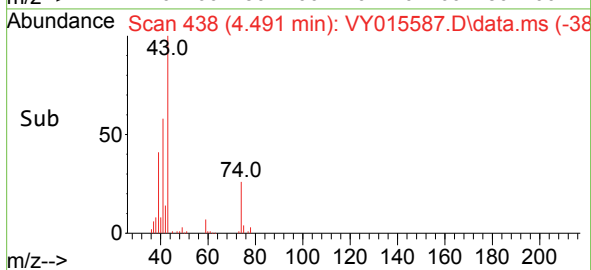
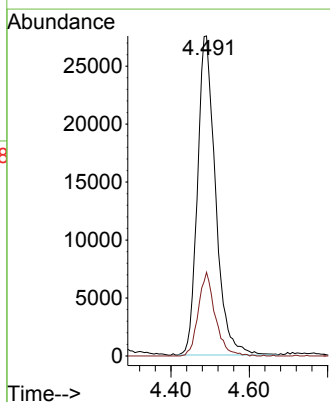
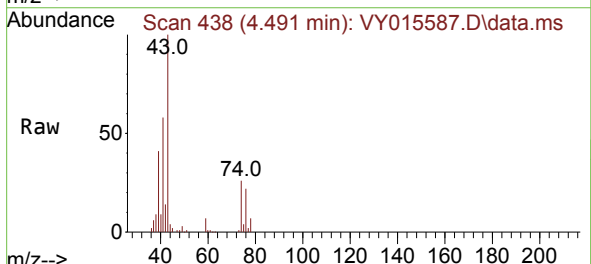
Instrument :
MSVOA_Y
ClientSampleId :

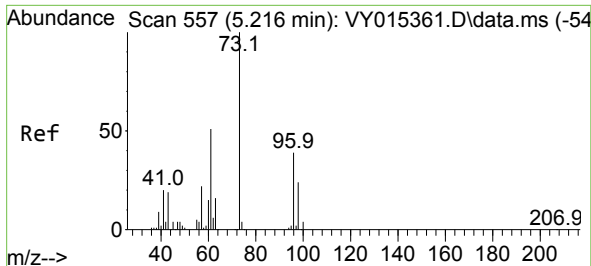
Tgt Ion: 76 Resp: 63198
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 32.515 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 43 Resp: 88113
Ion Ratio Lower Upper
43 100
74 24.6 17.4 26.0

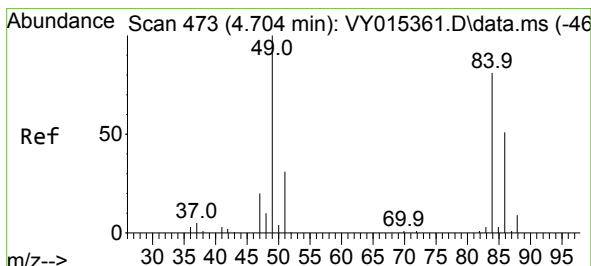
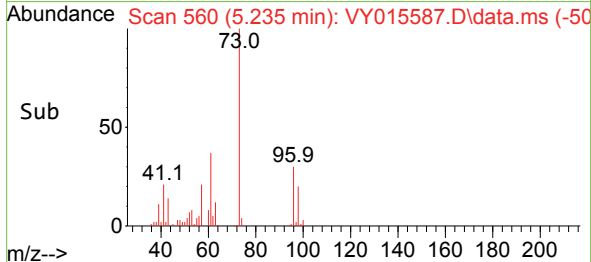
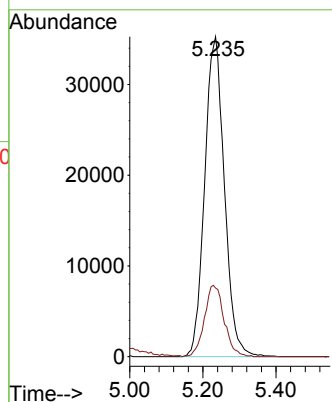
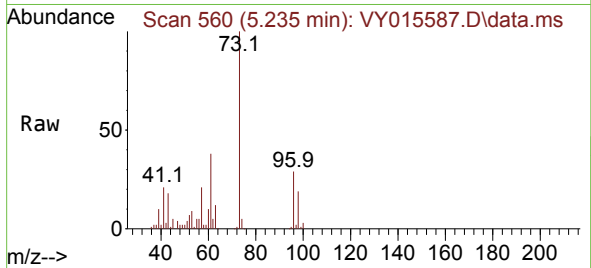




#19
Methyl tert-butyl Ether
Concen: 24.402 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.024 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

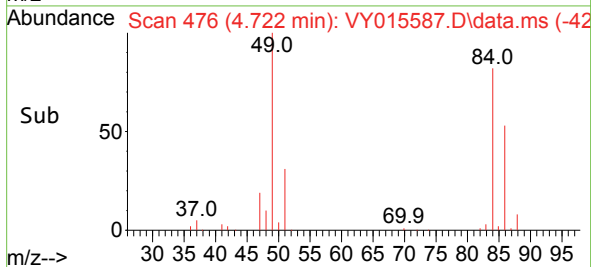
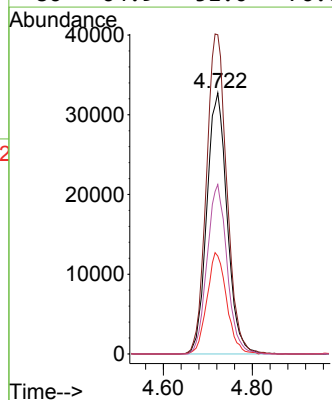
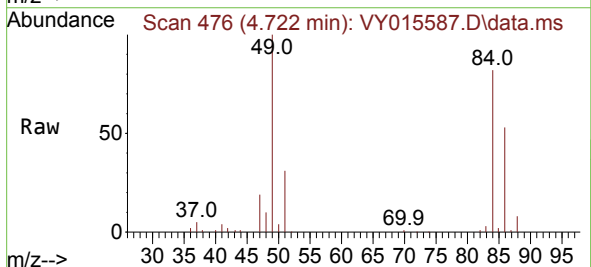
Instrument :
MSVOA_Y
ClientSampleId :

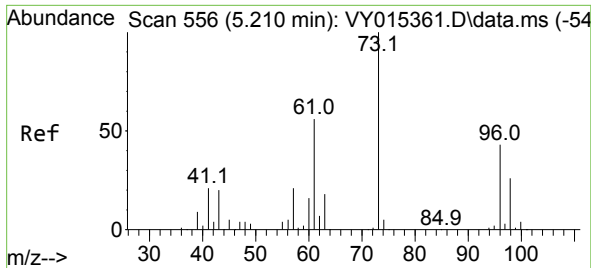
Tgt Ion: 73 Resp: 131826
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 42.075 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 84 Resp: 103970
Ion Ratio Lower Upper
84 100
49 122.3 106.9 160.3
51 37.5 33.2 49.8
86 64.9 51.0 76.6

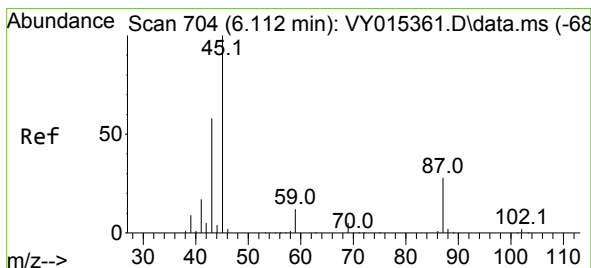
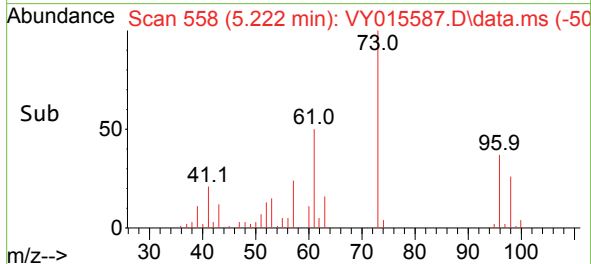
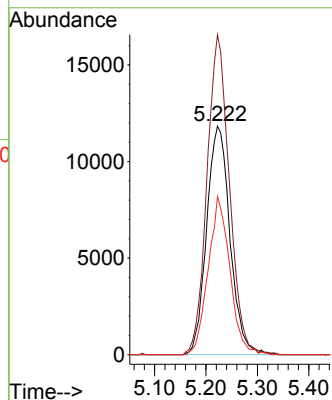
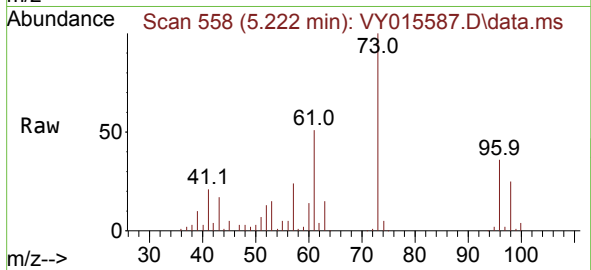




#21
trans-1,2-Dichloroethene
Concen: 19.517 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

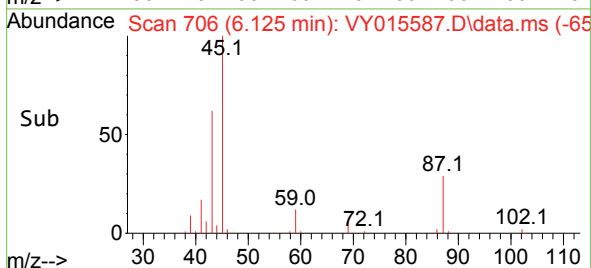
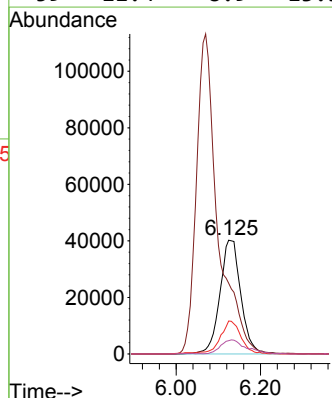
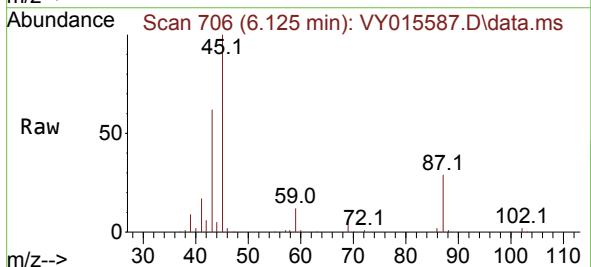
Instrument :
MSVOA_Y
ClientSampleId :

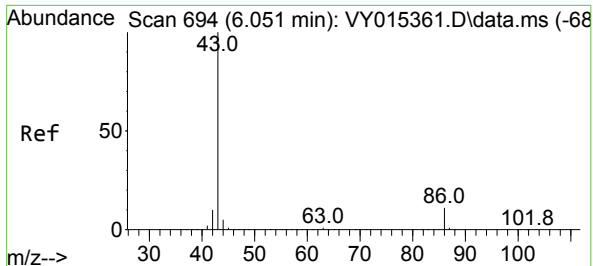
Tgt Ion: 96 Resp: 37357
Ion Ratio Lower Upper
96 100
61 140.0 110.2 165.4
98 69.1 51.8 77.6



#22
Diisopropyl ether
Concen: 23.936 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 45 Resp: 138544
Ion Ratio Lower Upper
45 100
43 61.6 52.2 78.4
87 29.0 21.0 31.6
59 11.4 8.9 13.3

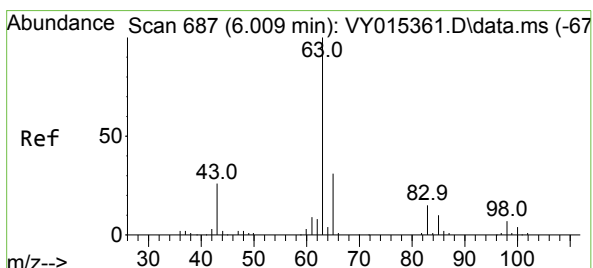
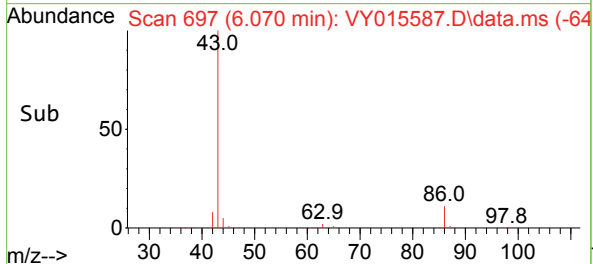
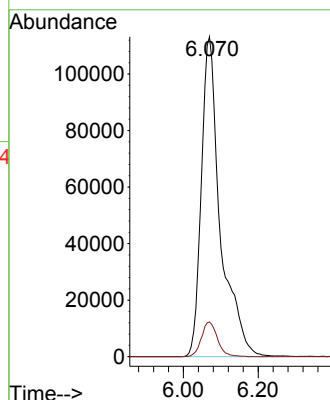
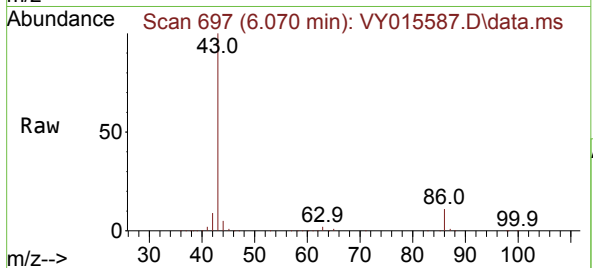




#23
 Vinyl Acetate
 Concen: 109.235 ug/l
 RT: 6.070 min Scan# 694
 Delta R.T. 0.018 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

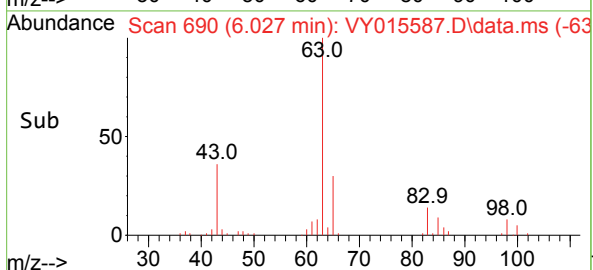
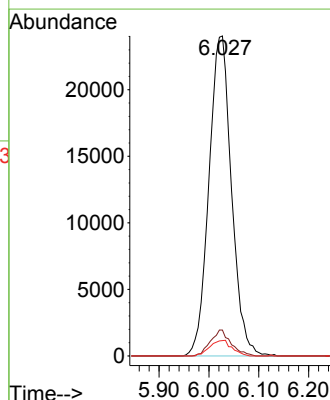
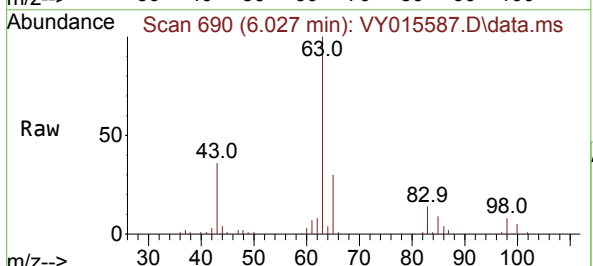
Instrument :
 MSVOA_Y
 ClientSampleId :

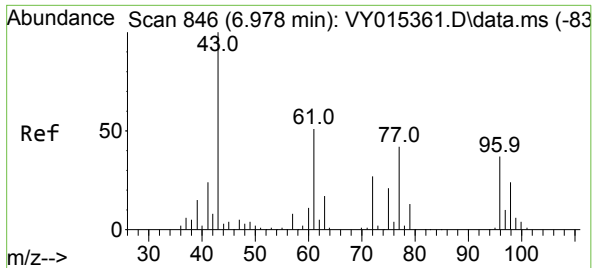
Tgt Ion: 43 Resp: 399193
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 22.592 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

Tgt Ion: 63 Resp: 75591
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.8 1.8 5.5

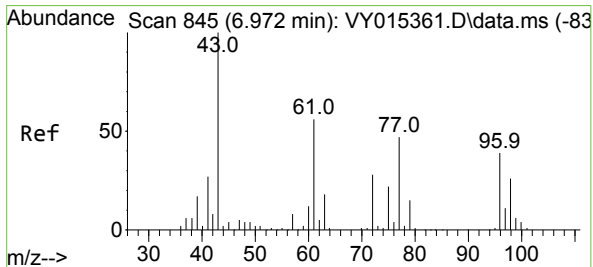
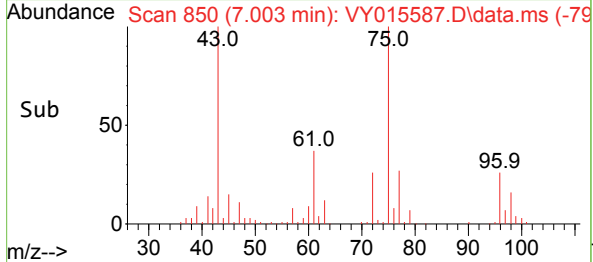
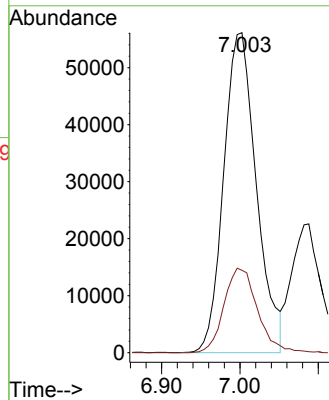
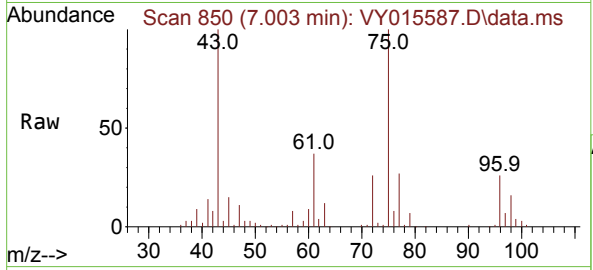




#25
2-Butanone
Concen: 153.578 ug/l
RT: 7.003 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

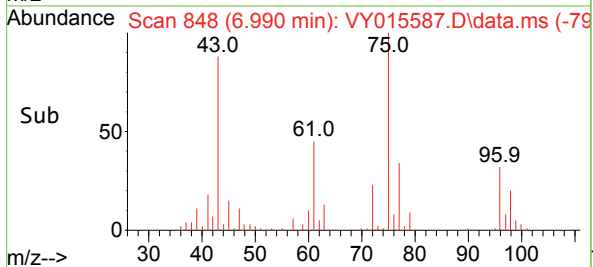
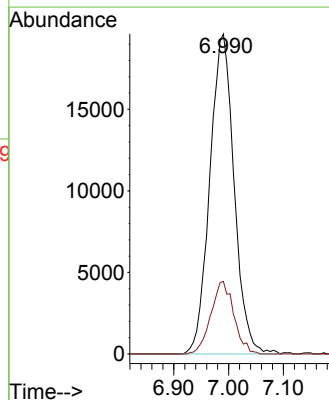
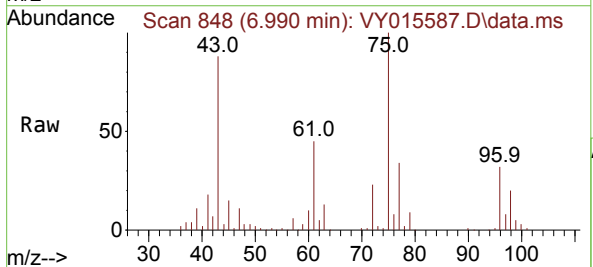
Instrument :
MSVOA_Y
ClientSampleId :

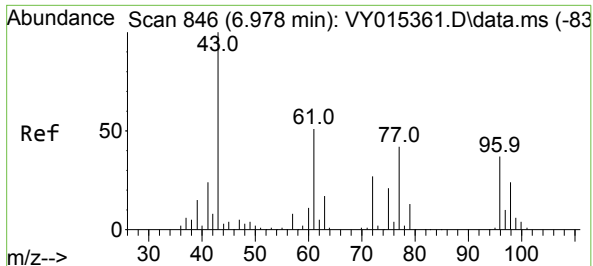
Tgt Ion: 43 Resp: 162970
Ion Ratio Lower Upper
43 100
72 25.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.237 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 77 Resp: 60353
Ion Ratio Lower Upper
77 100
97 21.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.328 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

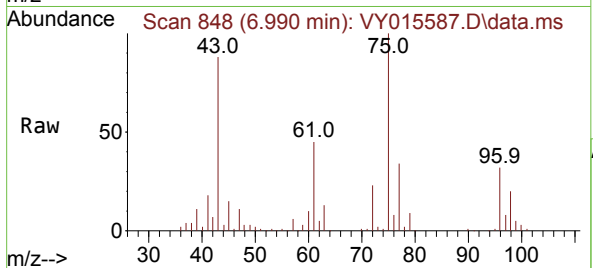
Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



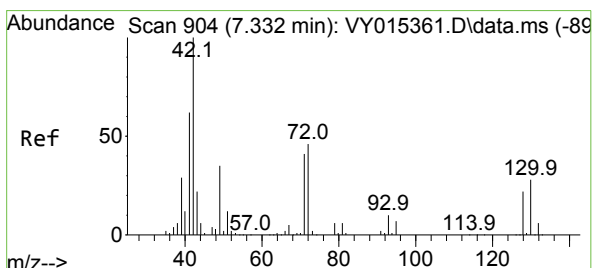
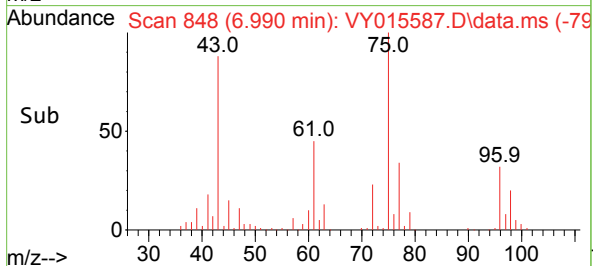
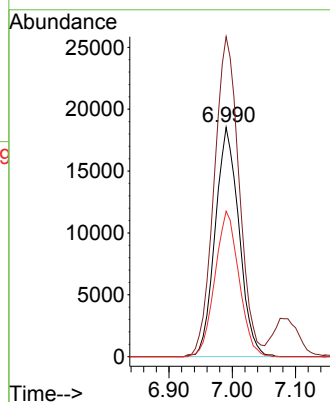
Tgt Ion: 96 Resp: 48483

Ion Ratio Lower Upper

96 100

61 146.6 0.0 301.4

98 64.1 0.0 130.4



#28

Bromochloromethane

Concen: 23.439 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

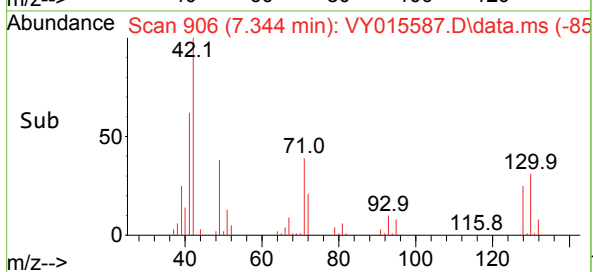
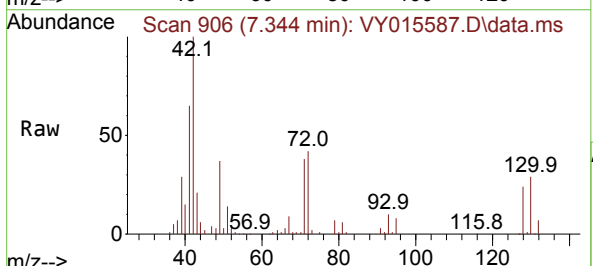
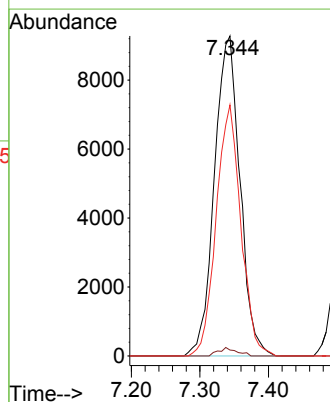
Tgt Ion: 49 Resp: 24050

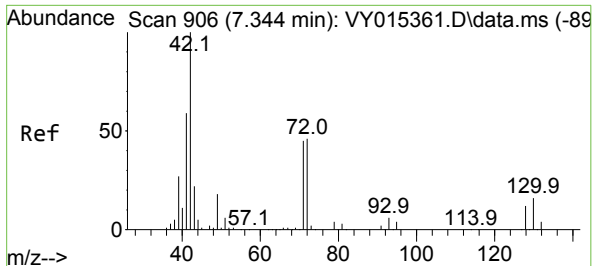
Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.6

130 75.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 147.820 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015587.D

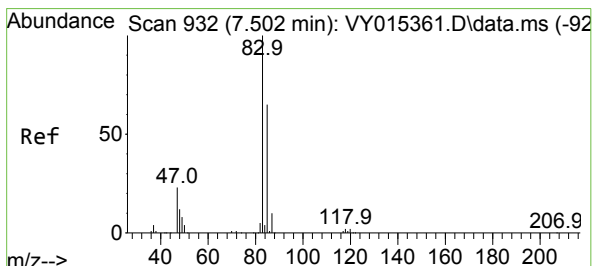
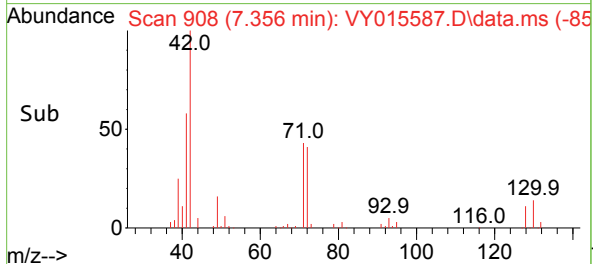
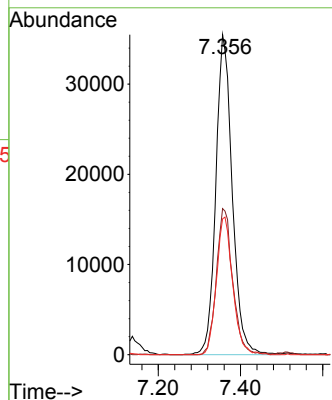
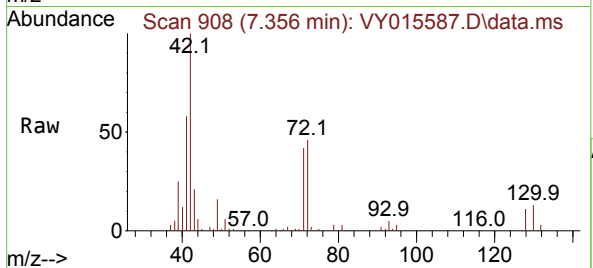
Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	98504
Ion	Ratio	Lower	Upper
42	100		
72	45.3	32.8	49.2
71	42.6	31.0	46.4



#30

Chloroform

Concen: 23.362 ug/l

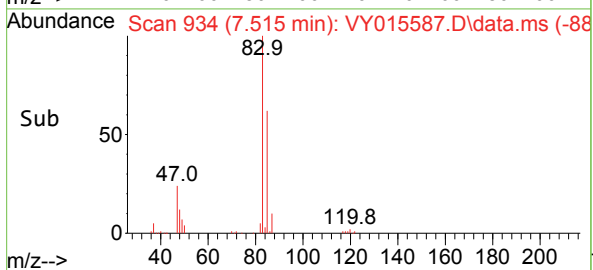
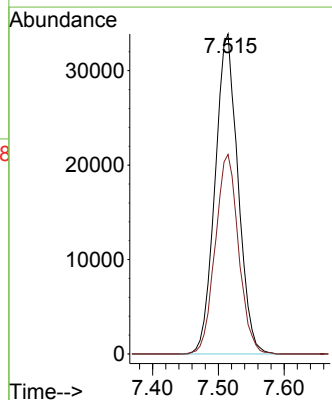
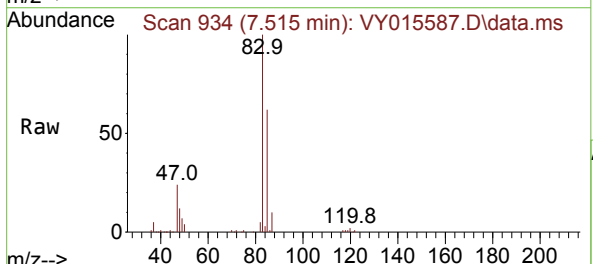
RT: 7.515 min Scan# 934

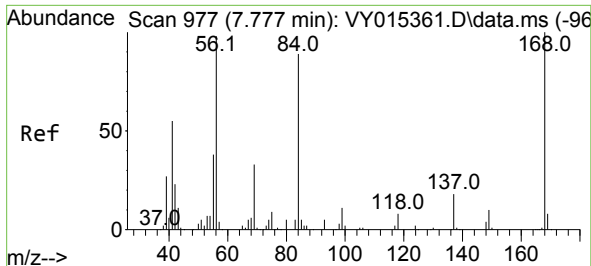
Delta R.T. 0.018 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

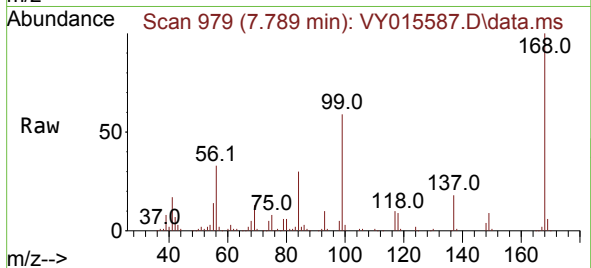
Tgt Ion:	83	Resp:	82172
Ion	Ratio	Lower	Upper
83	100		
85	62.4	49.7	74.5



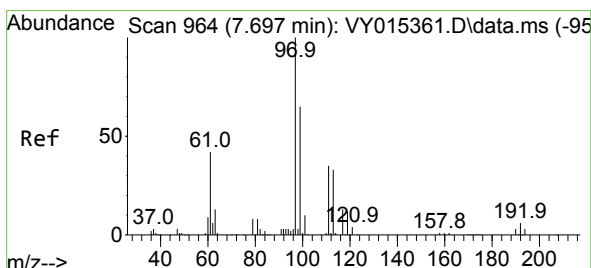
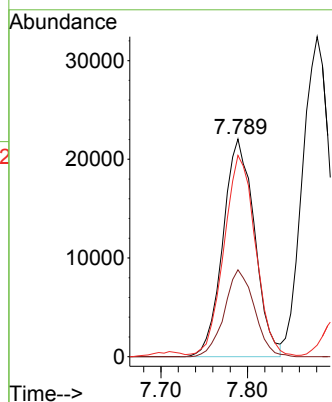
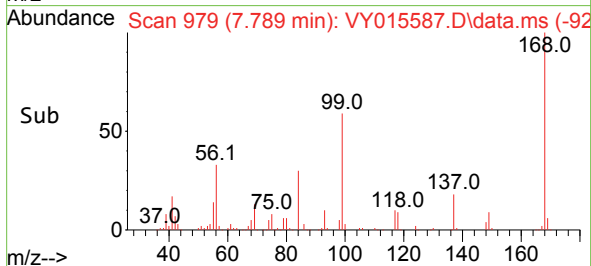


#31
Cyclohexane
Concen: 17.553 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

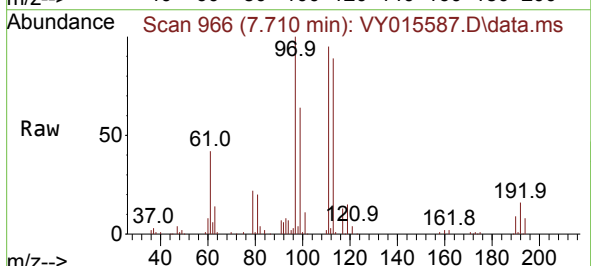
Instrument :
MSVOA_Y
ClientSampleId :



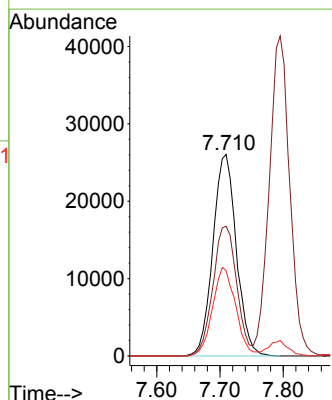
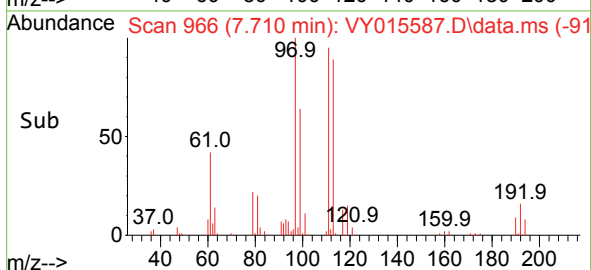
Tgt Ion: 56 Resp: 55889
Ion Ratio Lower Upper
56 100
69 39.9 27.8 41.6
84 90.9 66.4 99.6

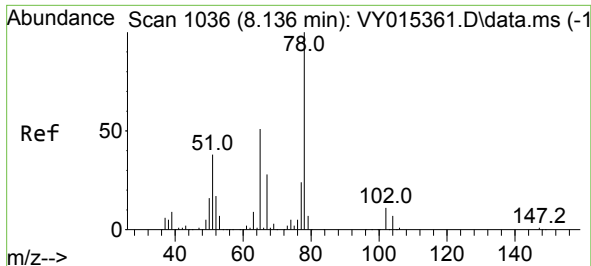


#32
1,1,1-Trichloroethane
Concen: 21.306 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15



Tgt Ion: 97 Resp: 66937
Ion Ratio Lower Upper
97 100
99 65.6 50.8 76.2
61 43.2 35.1 52.7

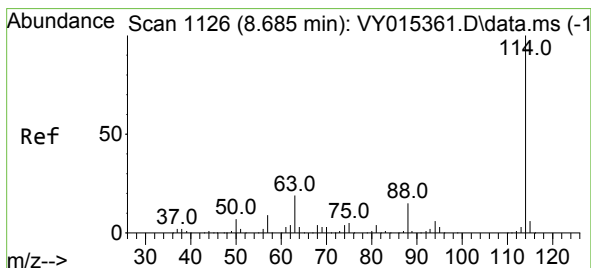
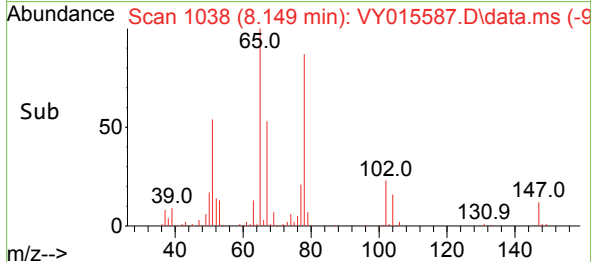
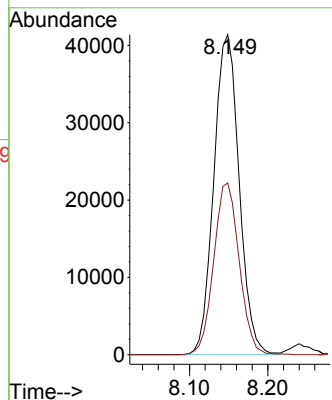
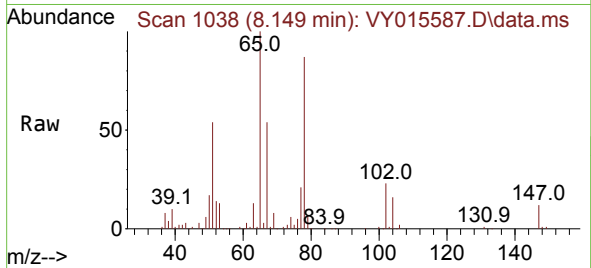




#33
 1,2-Dichloroethane-d4
 Concen: 51.932 ug/l
 RT: 8.149 min Scan# 1108
 Delta R.T. 0.012 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

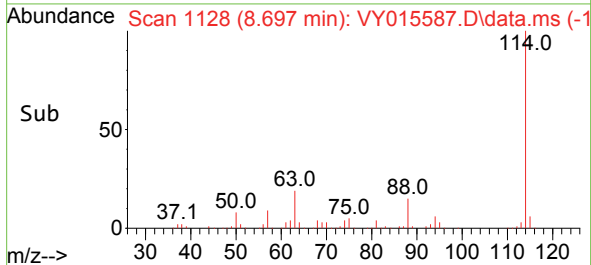
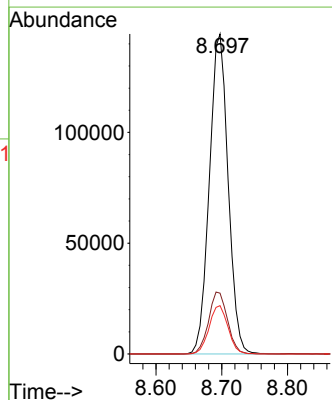
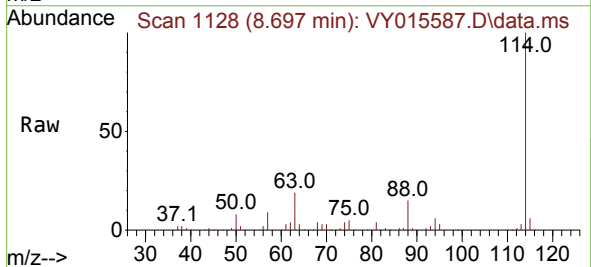
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 93087
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015587.D
 Acq: 15 Sep 2023 23:15

Tgt Ion:114 Resp: 286451
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.4
 88 15.1 0.0 30.6

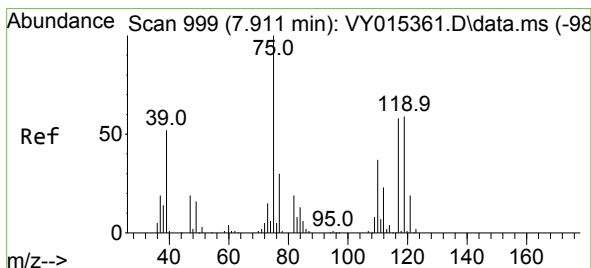
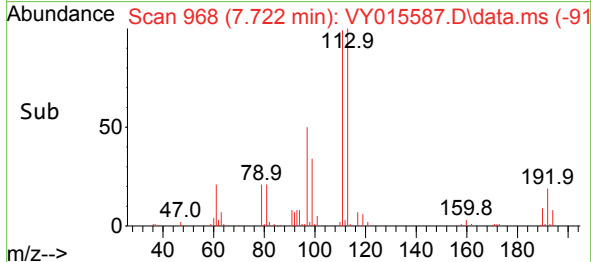
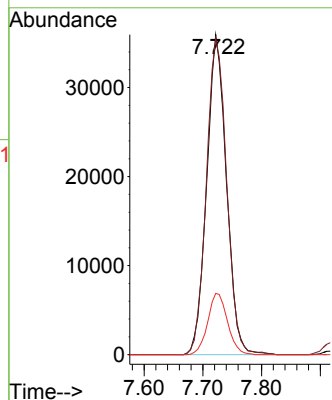
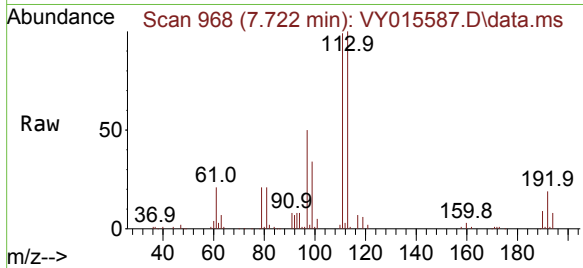




#35
Dibromofluoromethane
Concen: 50.935 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

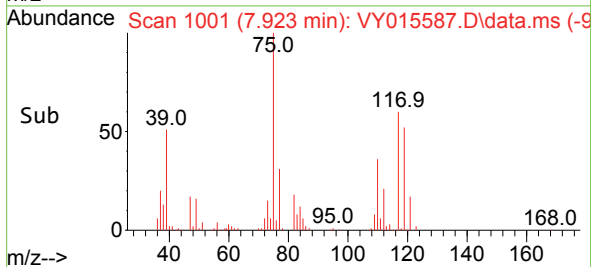
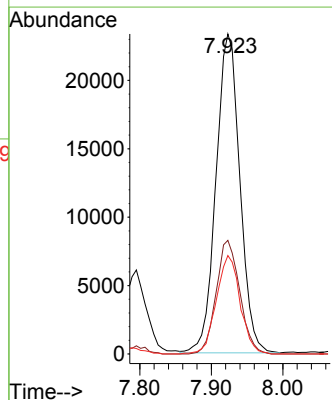
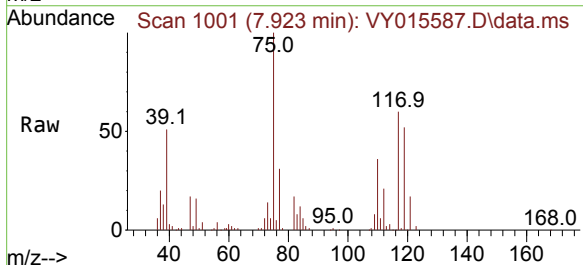
Instrument :
MSVOA_Y
ClientSampleId :

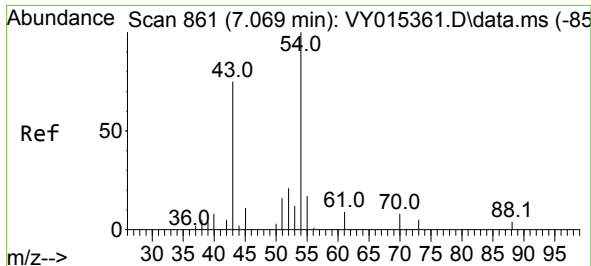
Tgt Ion:113 Resp: 84038
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.679 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 75 Resp: 54115
Ion Ratio Lower Upper
75 100
110 35.1 17.8 53.5
77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 27.206 ug/l

RT: 7.088 min Scan# 861

Delta R.T. 0.024 min

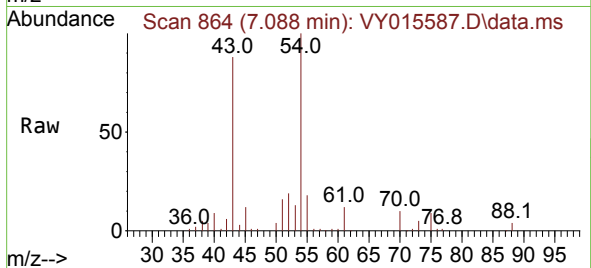
Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



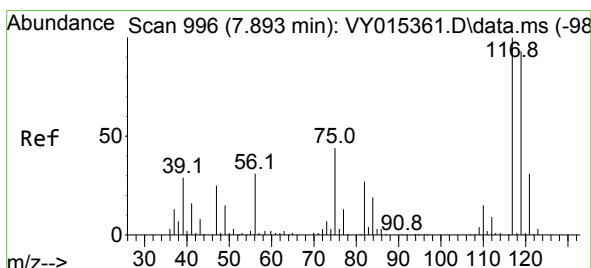
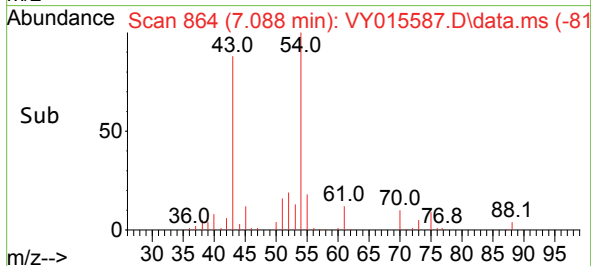
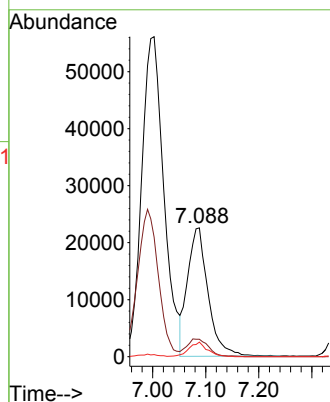
Tgt Ion: 43 Resp: 60788

Ion Ratio Lower Upper

43 100

61 14.6 10.1 15.1

70 10.0 7.1 10.7



#38

Carbon Tetrachloride

Concen: 19.398 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

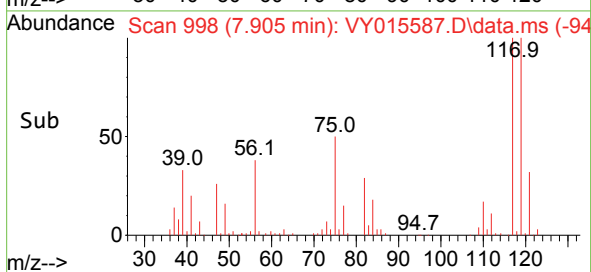
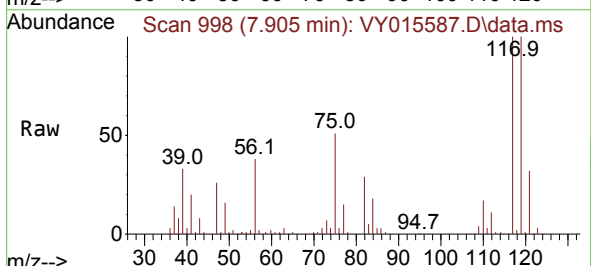
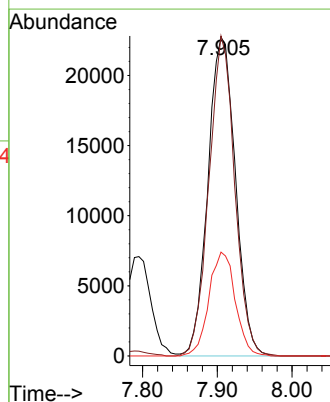
Tgt Ion: 117 Resp: 58040

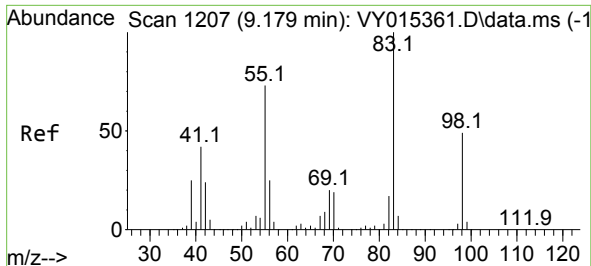
Ion Ratio Lower Upper

117 100

119 100.4 76.4 114.6

121 32.6 25.8 38.6





#39

Methylcyclohexane

Concen: 16.500 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

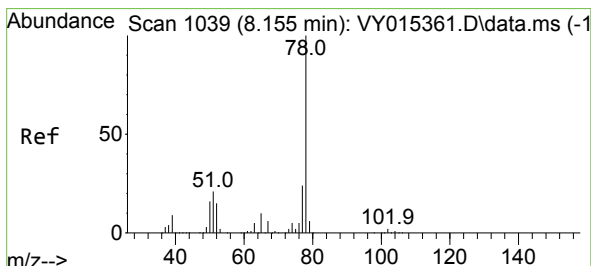
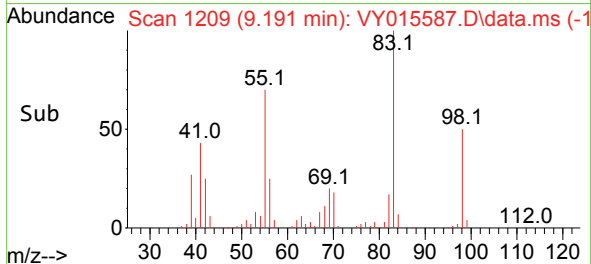
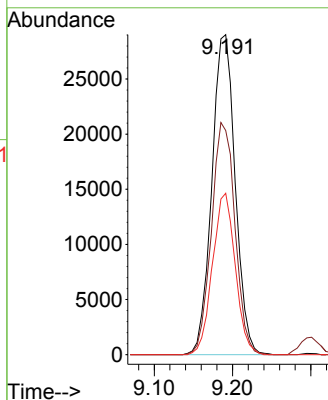
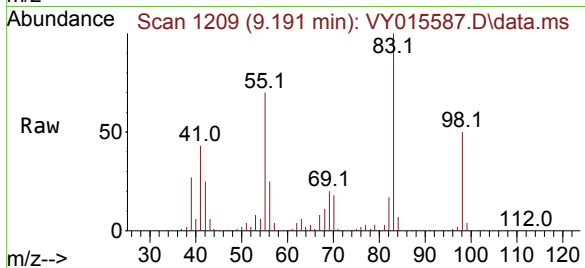
Tgt Ion: 83 Resp: 60179

Ion Ratio Lower Upper

83 100

55 70.1 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 20.354 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.018 min

Lab File: VY015587.D

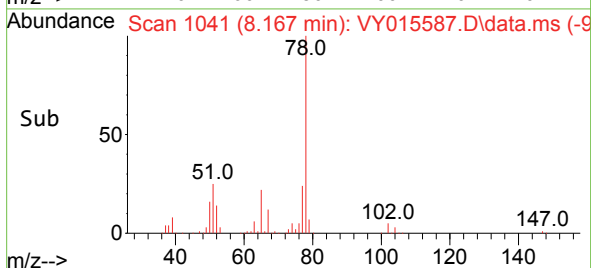
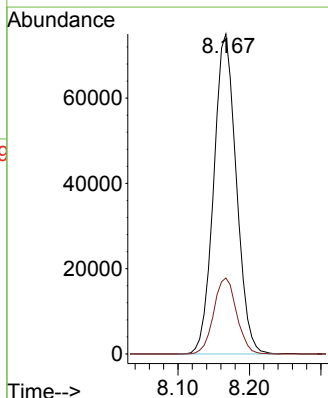
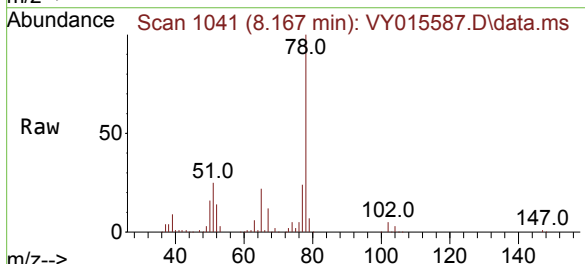
Acq: 15 Sep 2023 23:15

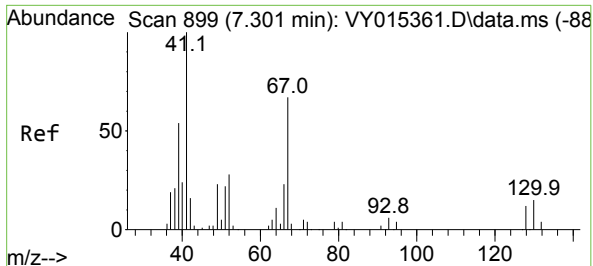
Tgt Ion: 78 Resp: 164514

Ion Ratio Lower Upper

78 100

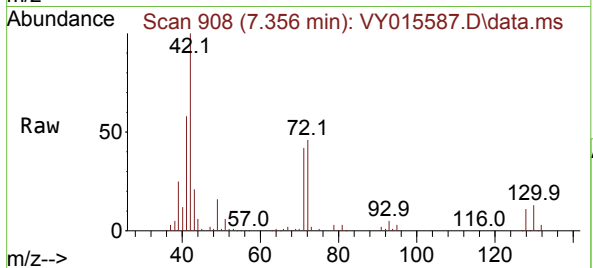
77 23.7 19.0 28.6



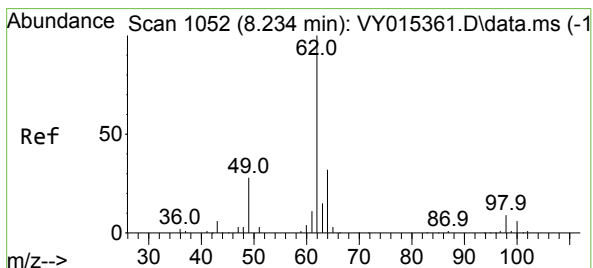
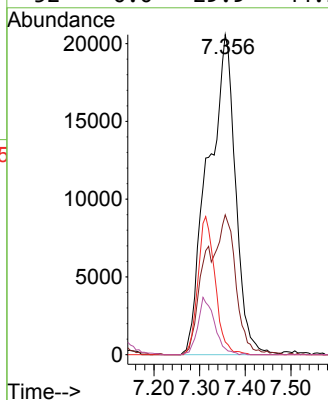
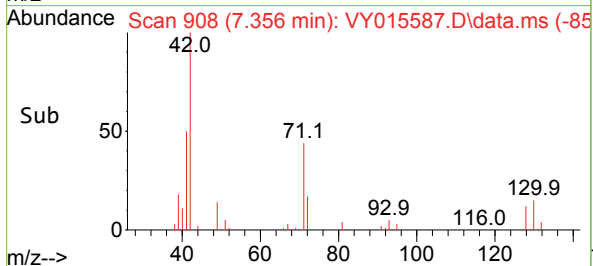


#41
Methacrylonitrile
Concen: 81.943 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.043 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

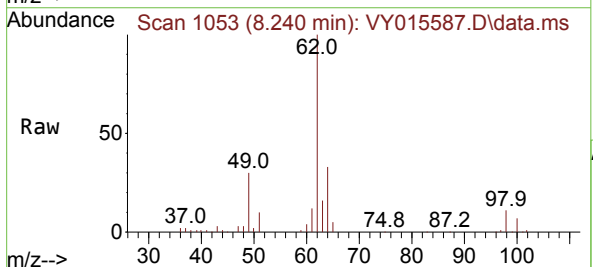
Instrument :
MSVOA_Y
ClientSampleId :



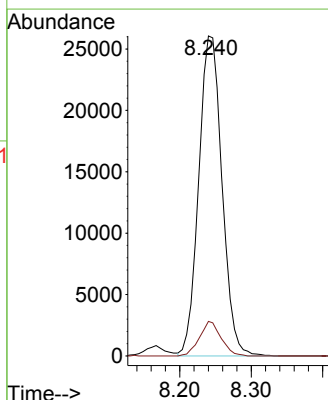
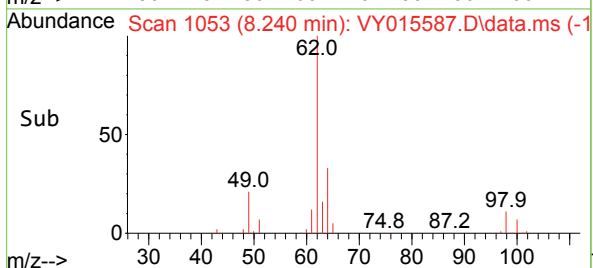
Tgt Ion: 41 Resp: 85857
Ion Ratio Lower Upper
41 100
39 26.2 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

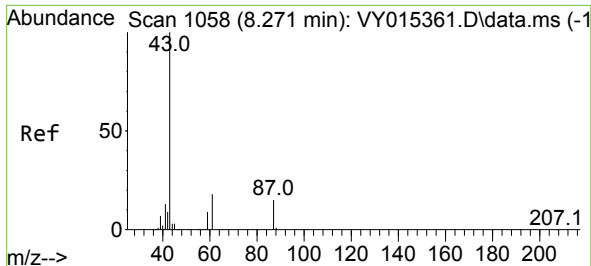


#42
1,2-Dichloroethane
Concen: 21.912 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15



Tgt Ion: 62 Resp: 59059
Ion Ratio Lower Upper
62 100
98 10.0 0.0 15.8

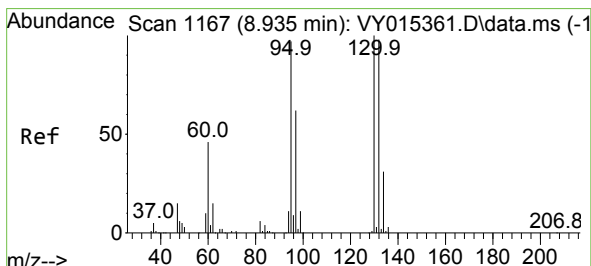
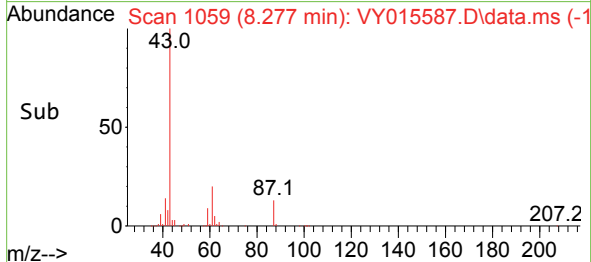
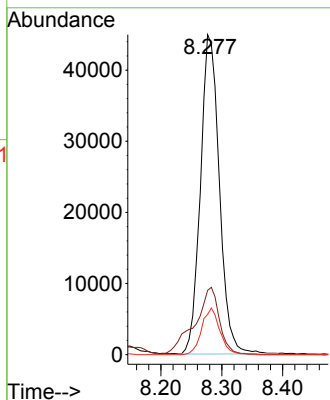
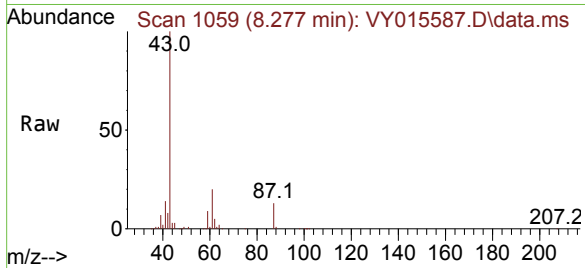




#43
Isopropyl Acetate
Concen: 25.139 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

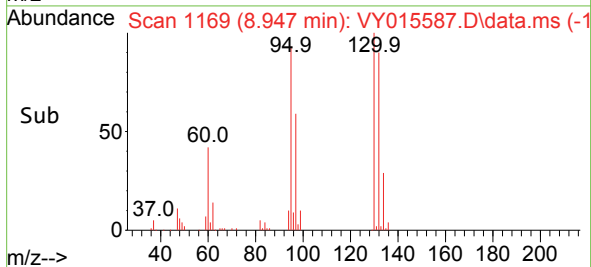
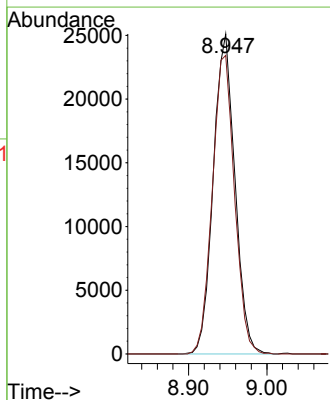
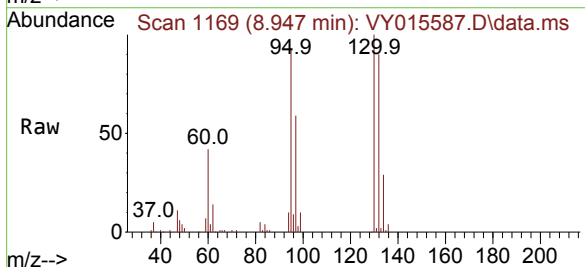
Instrument :
MSVOA_Y
ClientSampleId :

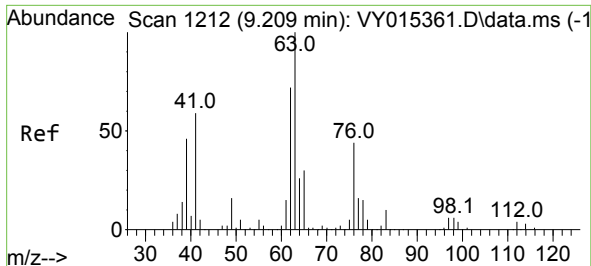
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.6	21.1	31.7
87	14.0	9.8	14.8



#44
Trichloroethene
Concen: 21.082 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	196.0

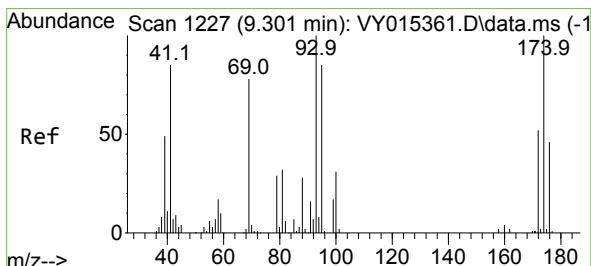
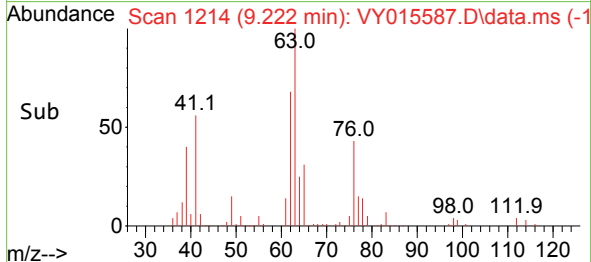
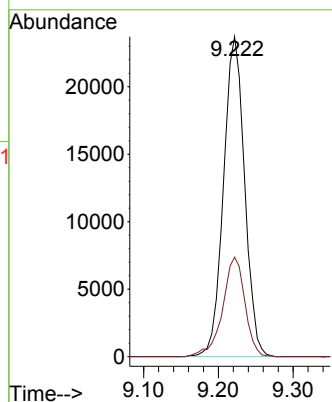
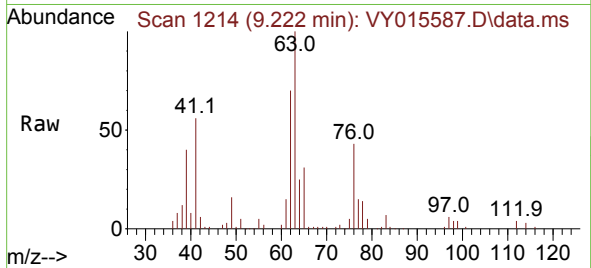




#45
1,2-Dichloropropane
Concen: 22.827 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

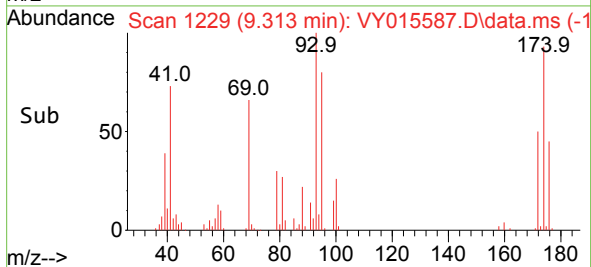
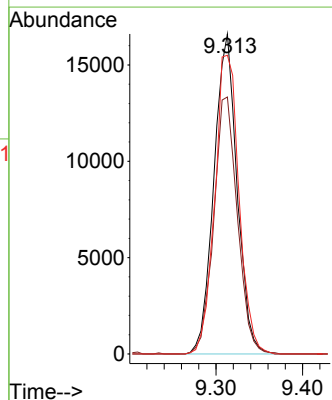
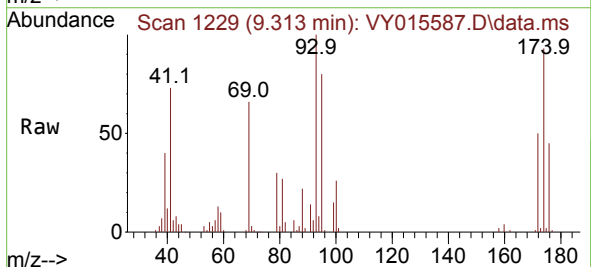
Instrument :
MSVOA_Y
ClientSampleId :

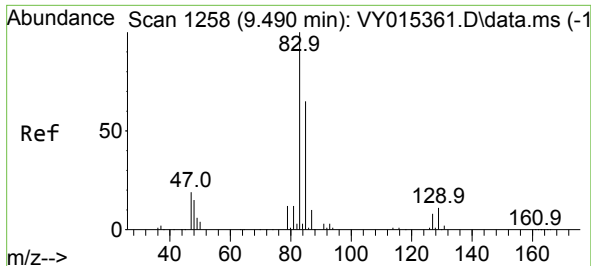
Tgt Ion: 63 Resp: 46512
Ion Ratio Lower Upper
63 100
65 31.1 23.8 35.6



#46
Dibromomethane
Concen: 22.766 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.018 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

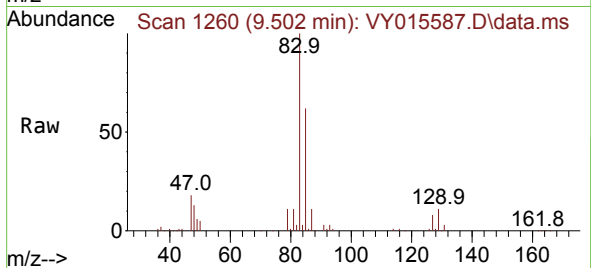
Tgt Ion: 93 Resp: 30813
Ion Ratio Lower Upper
93 100
95 82.0 66.6 100.0
174 98.0 84.8 127.2



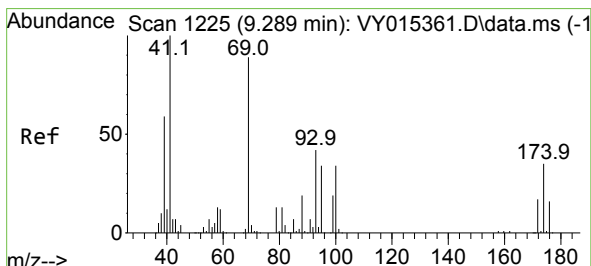
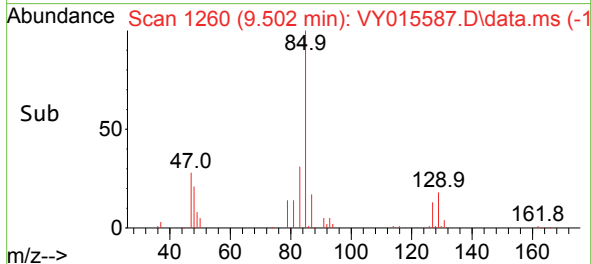
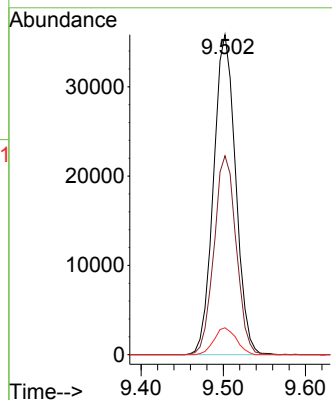


#47
Bromodichloromethane
Concen: 23.115 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Instrument :
MSVOA_Y
ClientSampleId :

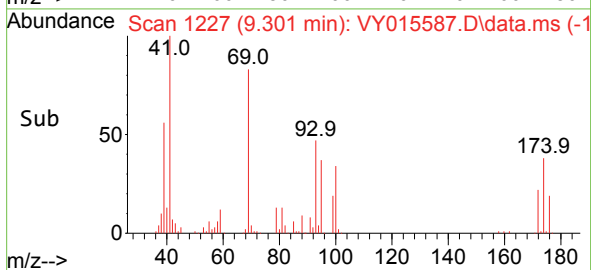
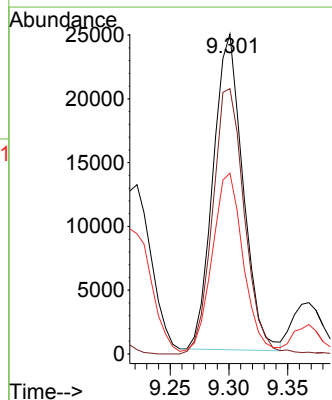
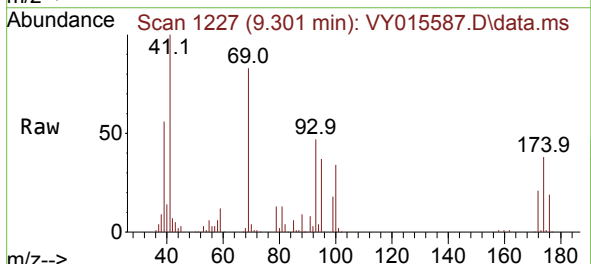


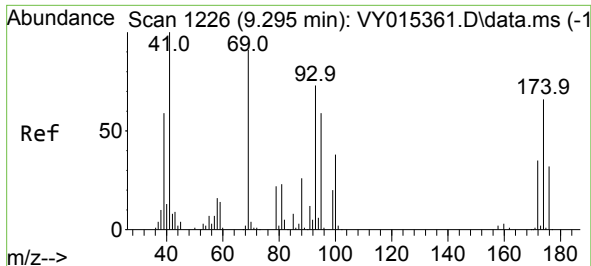
Tgt Ion: 83 Resp: 66906
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 8.4 7.1 10.7



#48
Methyl methacrylate
Concen: 24.734 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 41 Resp: 43846
Ion Ratio Lower Upper
41 100
69 89.8 64.5 96.7
39 60.2 50.8 76.2





#49

1,4-Dioxane

Concen: 579.593 ug/l

RT: 9.325 min Scan# 1226

Delta R.T. 0.037 min

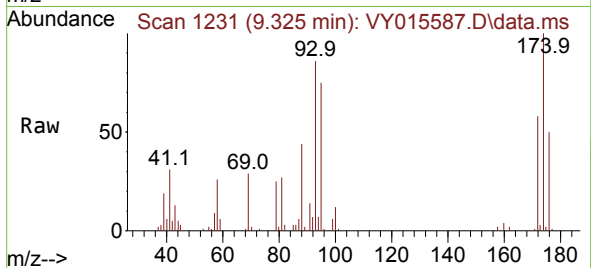
Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



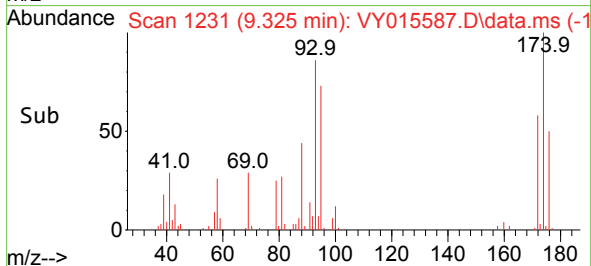
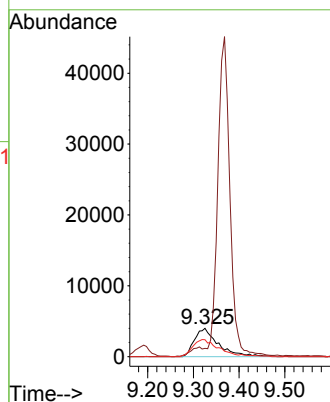
Tgt Ion: 88 Resp: 14571

Ion Ratio Lower Upper

88 100

43 17.3 0.0 0.0#

58 67.3 30.9 46.3#



#50

Toluene-d8

Concen: 46.435 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015587.D

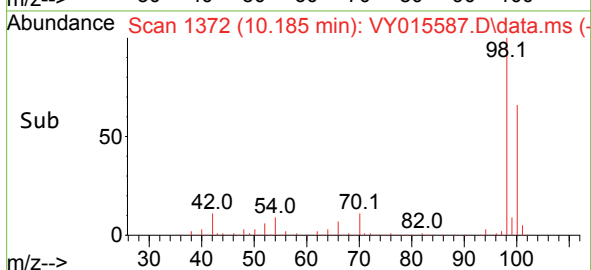
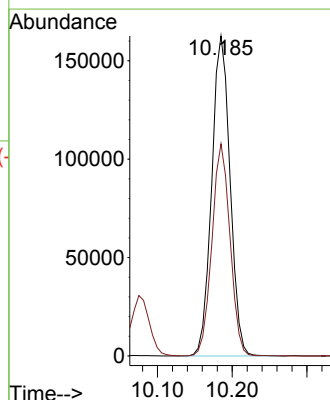
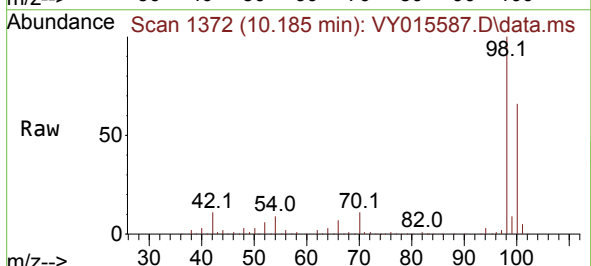
Acq: 15 Sep 2023 23:15

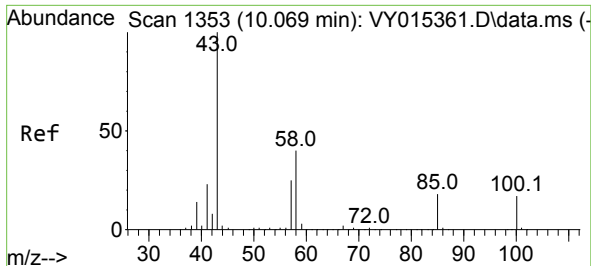
Tgt Ion: 98 Resp: 277443

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

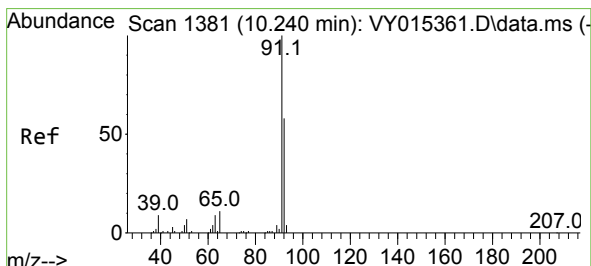
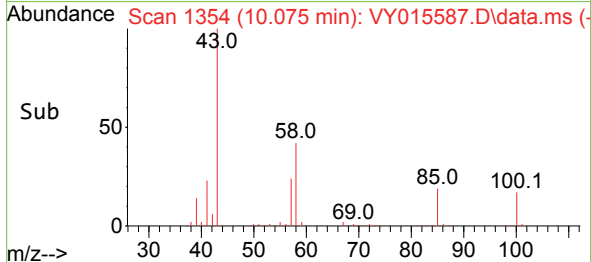
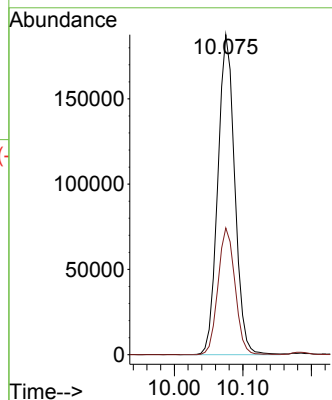
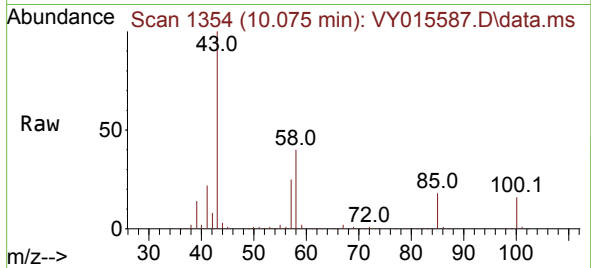




#51
4-Methyl-2-Pentanone
Concen: 142.958 ug/l
RT: 10.075 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

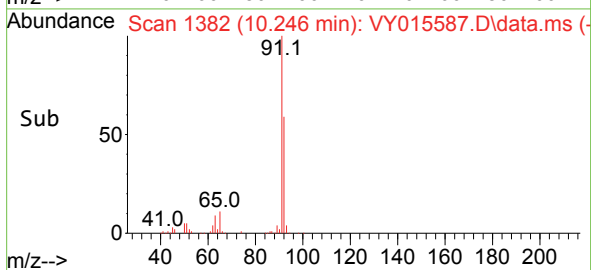
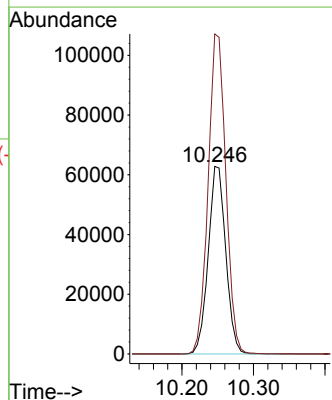
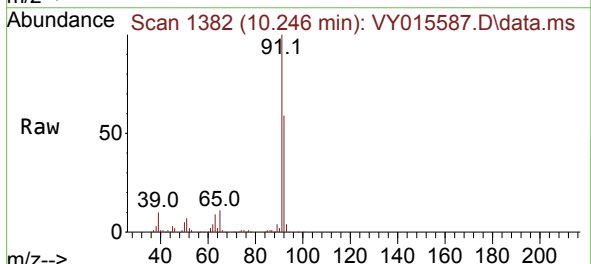
Instrument :
MSVOA_Y
ClientSampleId :

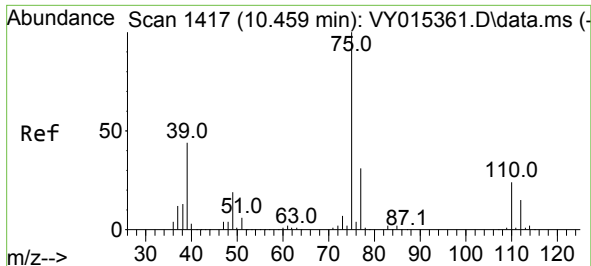
Tgt Ion: 43 Resp: 321033
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 20.631 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 92 Resp: 106877
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 21.779 ug/l

RT: 10.471 min Scan# 1417

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

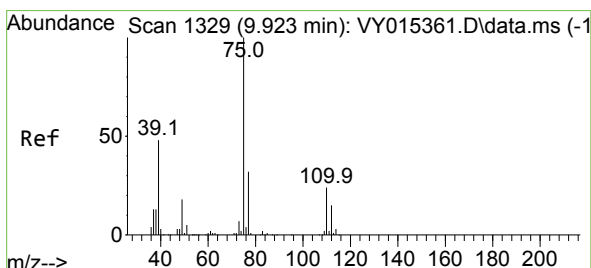
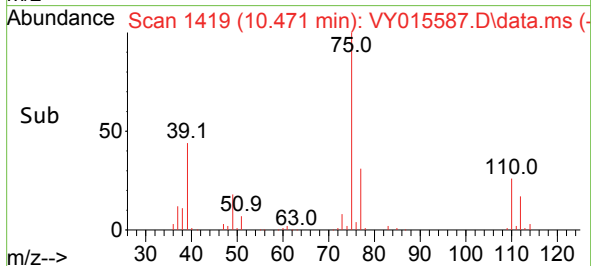
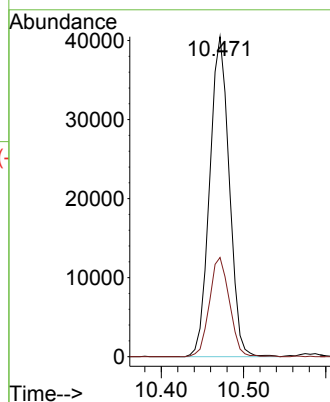
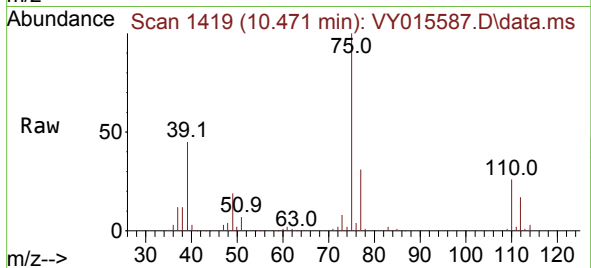
ClientSampleId :

Tgt Ion: 75 Resp: 66993

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 21.567 ug/l

RT: 9.935 min Scan# 1331

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

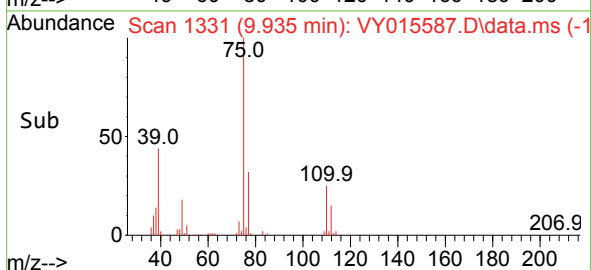
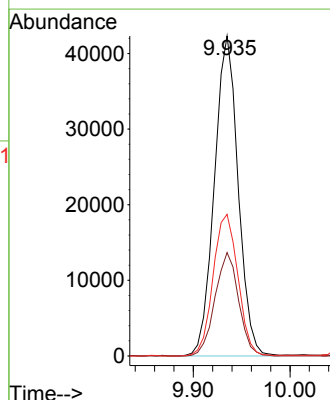
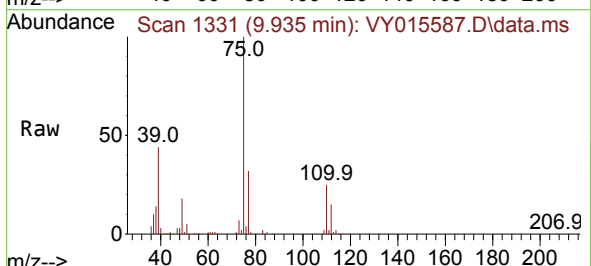
Tgt Ion: 75 Resp: 72166

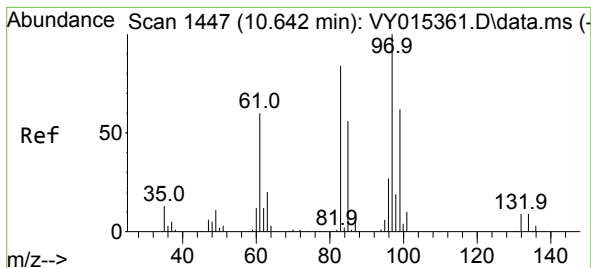
Ion Ratio Lower Upper

75 100

77 32.3 24.2 36.4

39 44.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 24.418 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

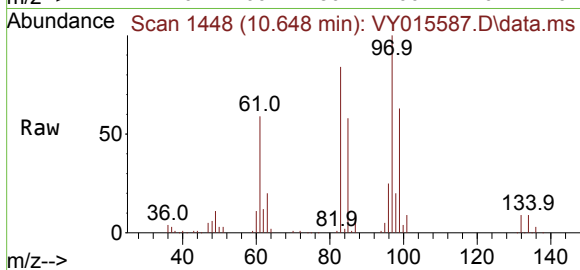
Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 44531

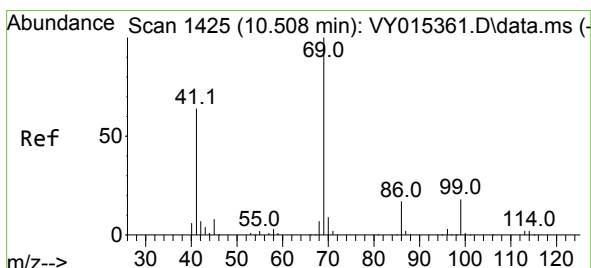
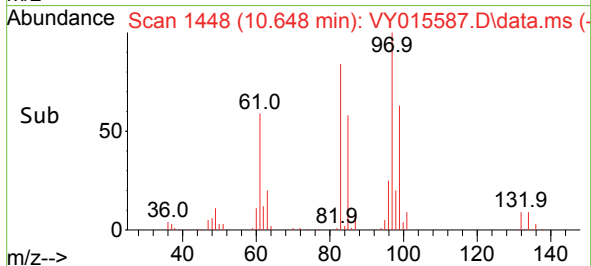
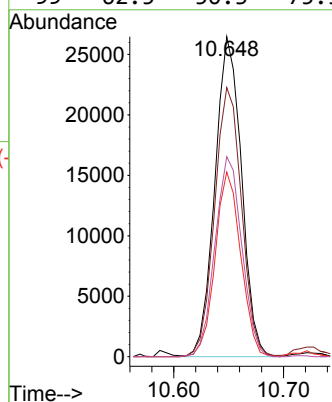
Ion Ratio Lower Upper

97 100

83 84.1 72.0 108.0

85 57.7 45.4 68.0

99 62.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 24.099 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

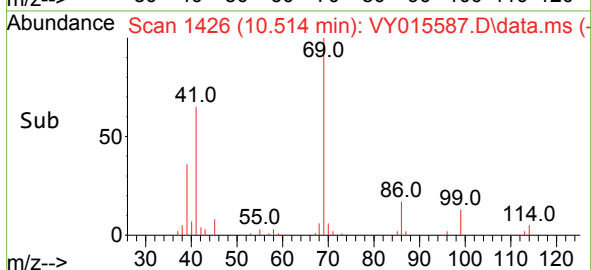
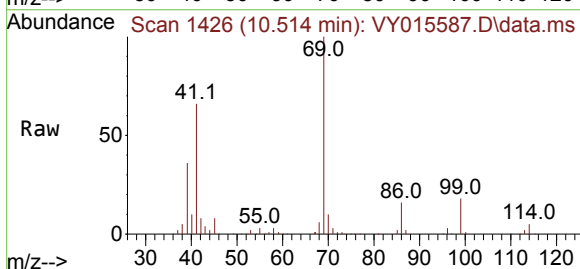
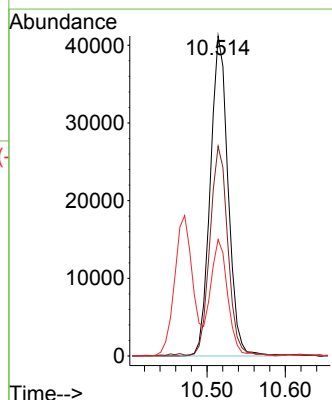
Tgt Ion: 69 Resp: 65126

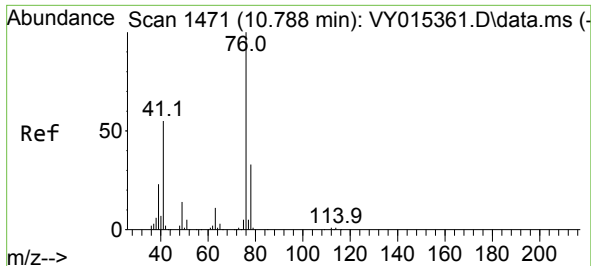
Ion Ratio Lower Upper

69 100

41 65.1 57.6 86.4

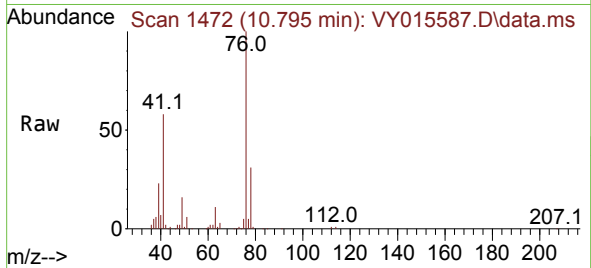
39 34.6 34.1 51.1



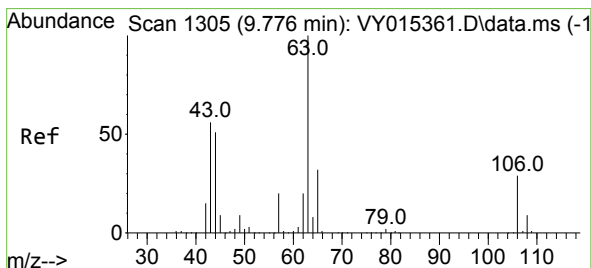
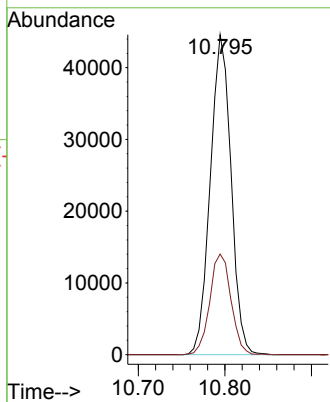
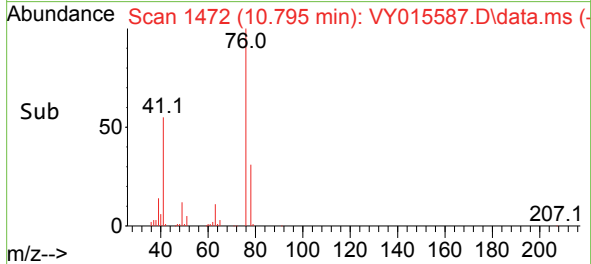


#57
1,3-Dichloropropane
Concen: 23.623 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Instrument :
MSVOA_Y
ClientSampleId :

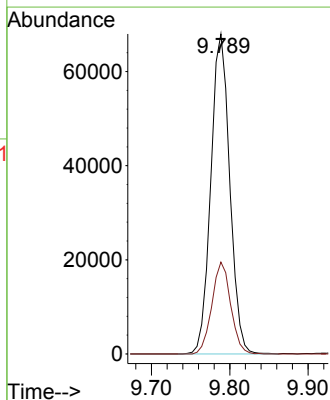
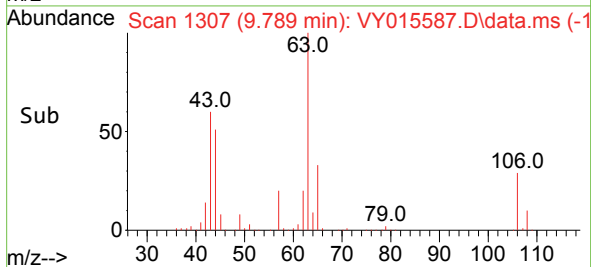
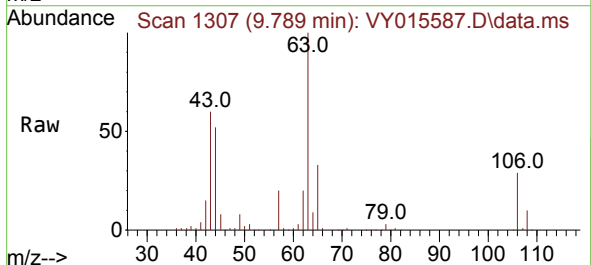


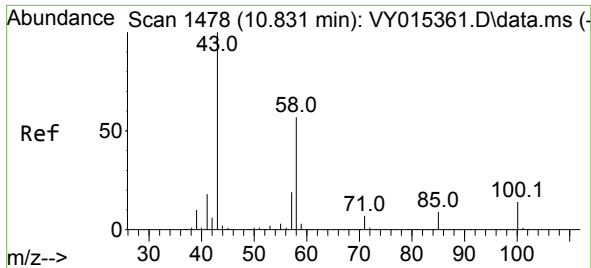
Tgt Ion: 76 Resp: 74159
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 118.283 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 63 Resp: 114098
Ion Ratio Lower Upper
63 100
106 28.5 21.2 31.8

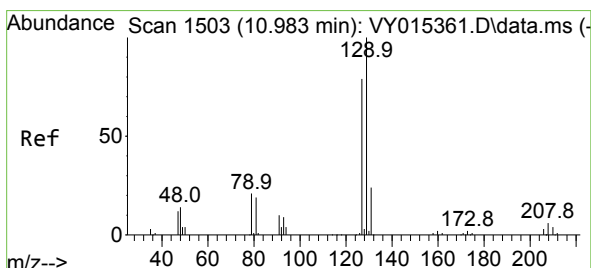
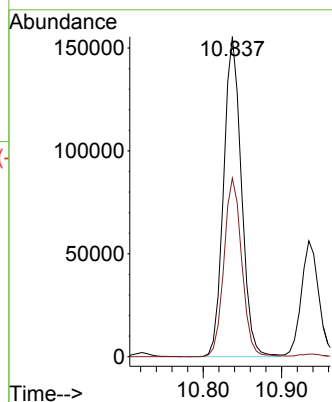
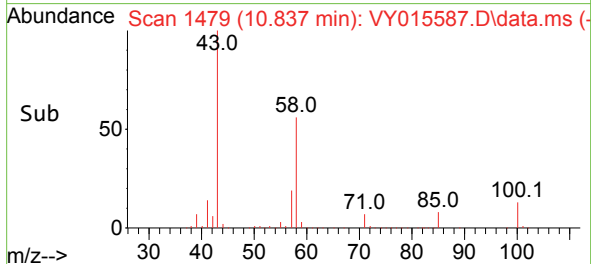
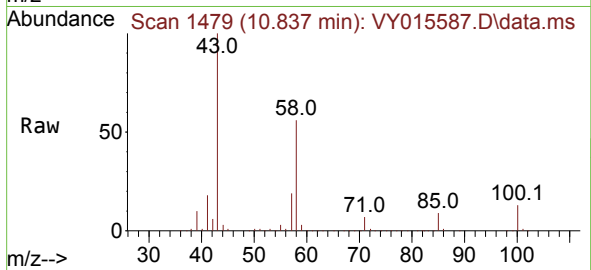




#59
2-Hexanone
Concen: 145.669 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

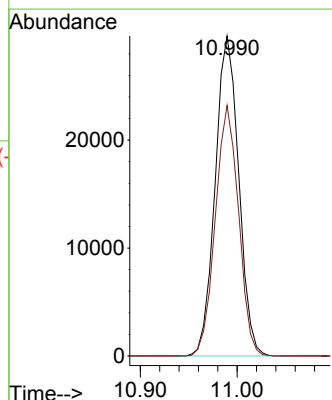
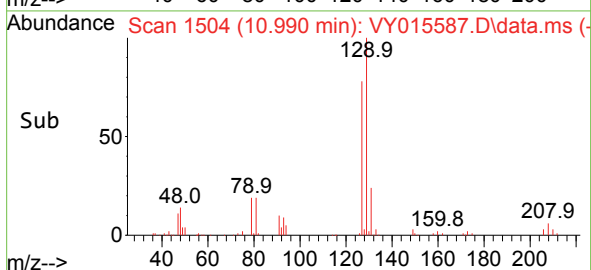
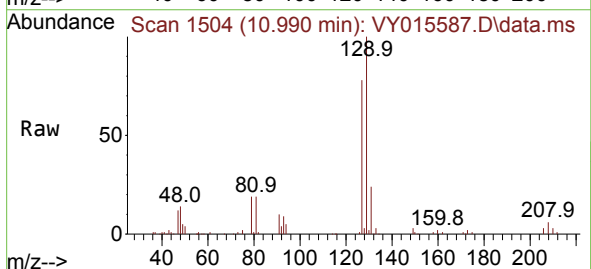
Instrument :
MSVOA_Y
ClientSampleId :

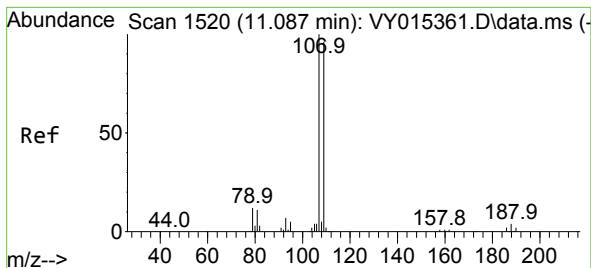
Tgt Ion: 43 Resp: 245455
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 23.444 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion:129 Resp: 50041
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5





#61

1,2-Dibromoethane

Concen: 24.044 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

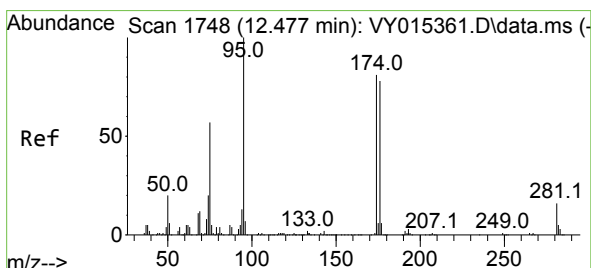
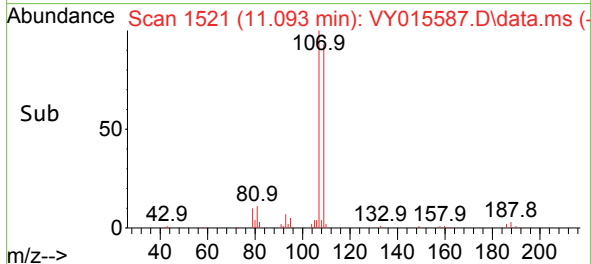
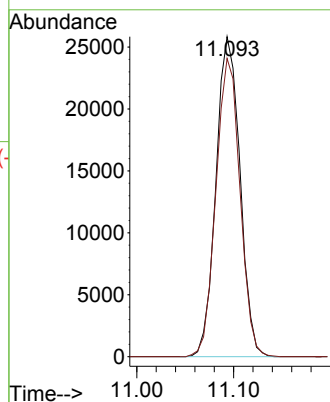
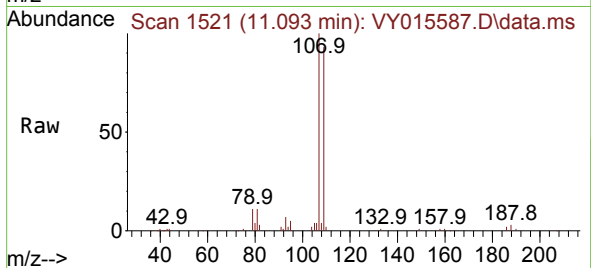
ClientSampleId :

Tgt Ion:107 Resp: 44431

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.858 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

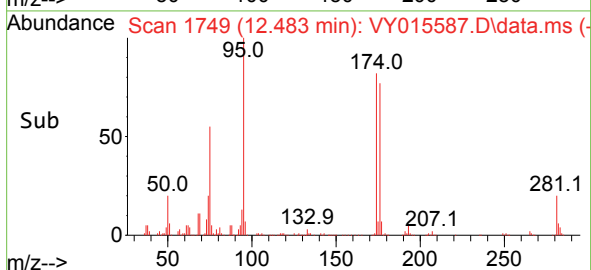
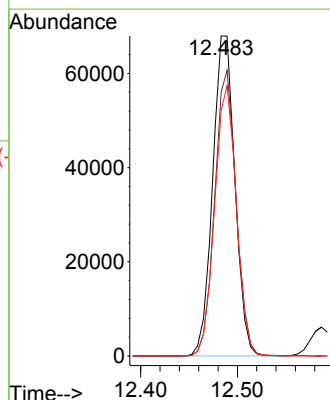
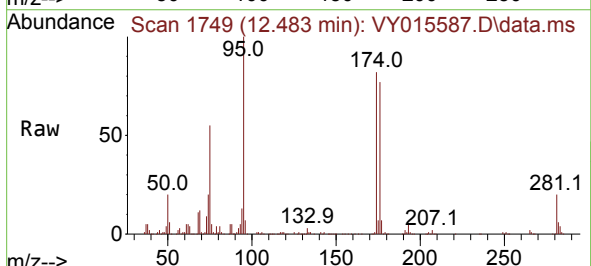
Tgt Ion: 95 Resp: 108371

Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 82.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

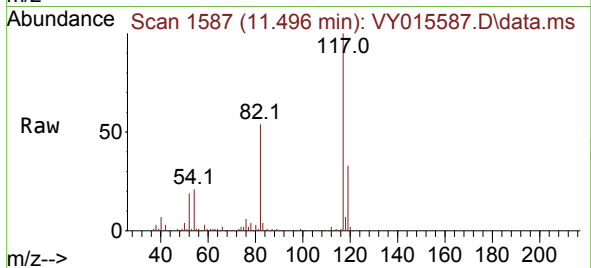
Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :



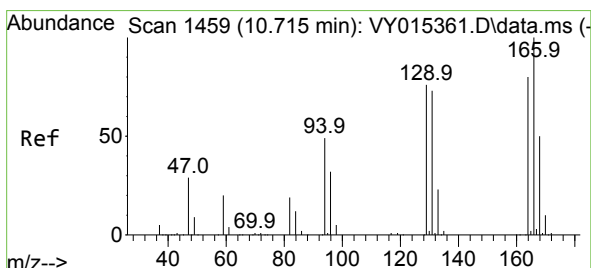
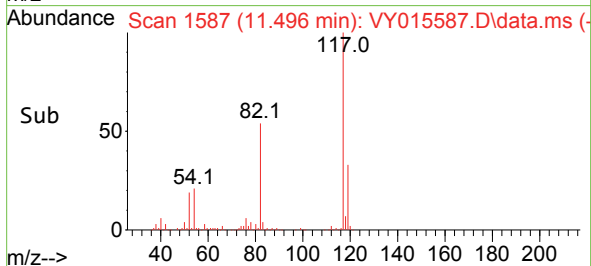
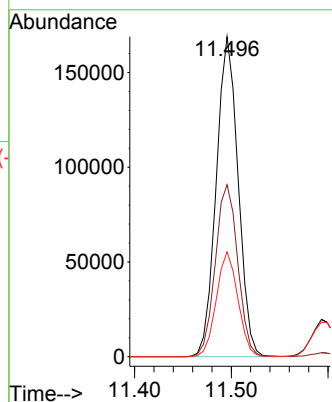
Tgt Ion:117 Resp: 264577

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.8 26.3 39.5



#64

Tetrachloroethene

Concen: 23.657 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Tgt Ion:164 Resp: 56812

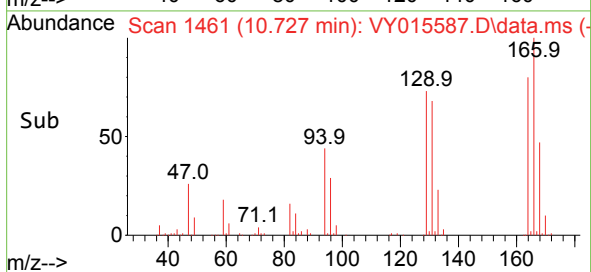
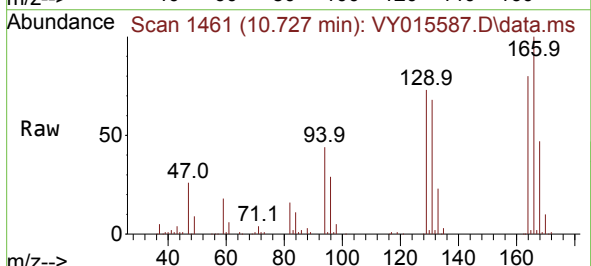
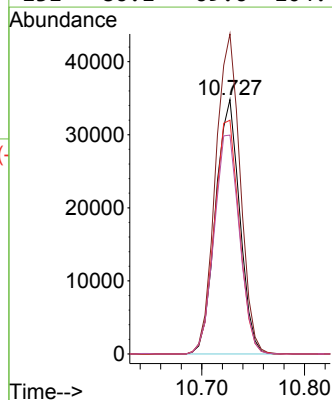
Ion Ratio Lower Upper

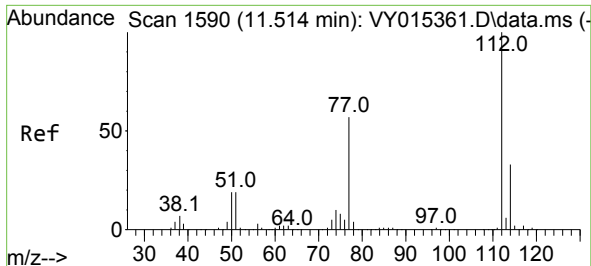
164 100

166 125.8 103.0 154.6

129 91.9 77.2 115.8

131 86.1 69.6 104.4

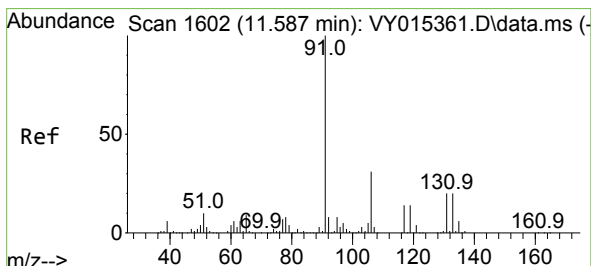
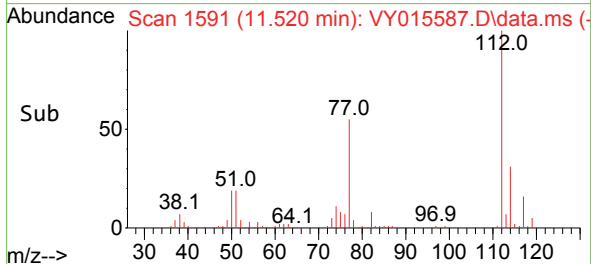
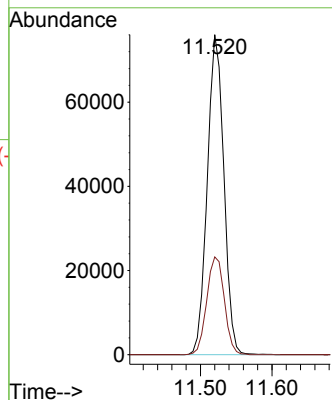
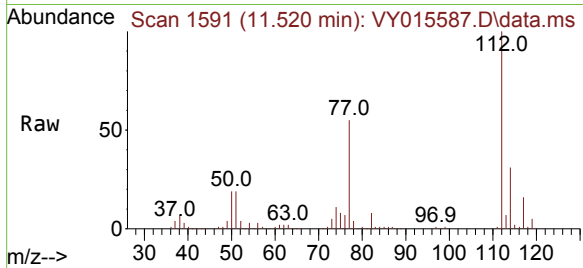




#65
Chlorobenzene
Concen: 21.461 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

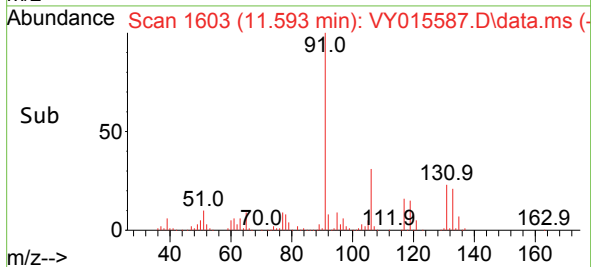
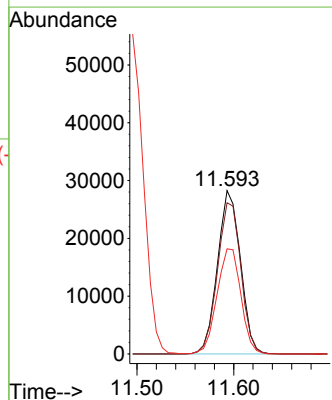
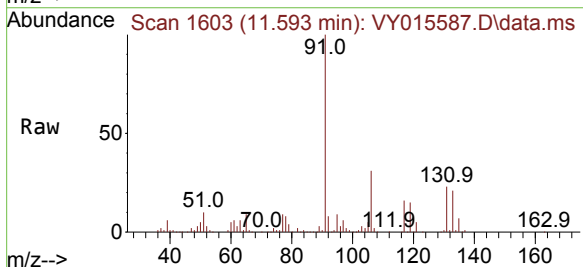
Instrument :
MSVOA_Y
ClientSampleId :

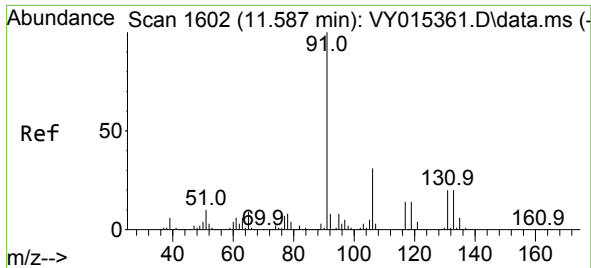
Tgt Ion:112 Resp: 122353
Ion Ratio Lower Upper
112 100
114 30.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.335 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion:131 Resp: 46609
Ion Ratio Lower Upper
131 100
133 94.8 47.5 142.6
119 66.8 31.6 94.7

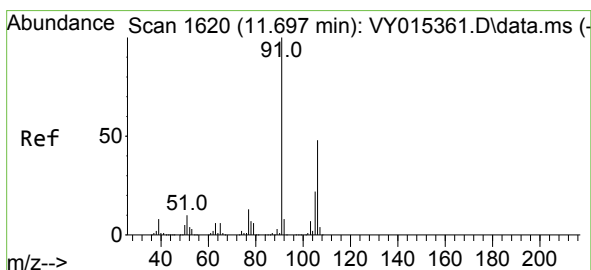
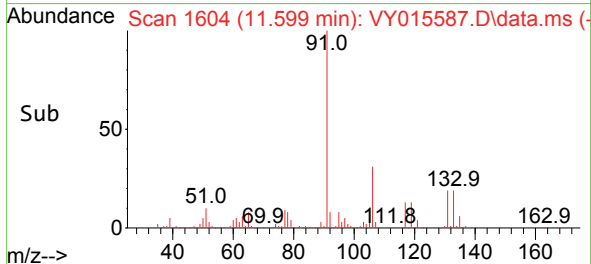
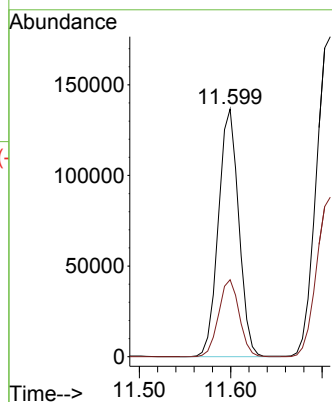
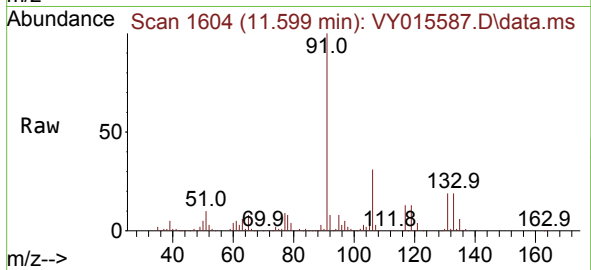




#67
Ethyl Benzene
Concen: 20.661 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

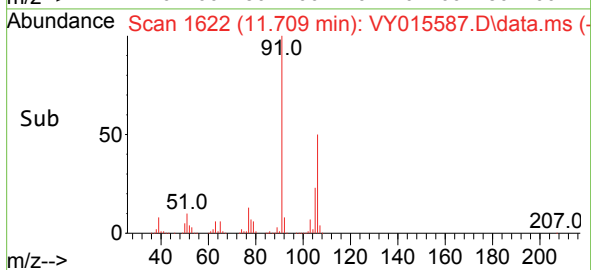
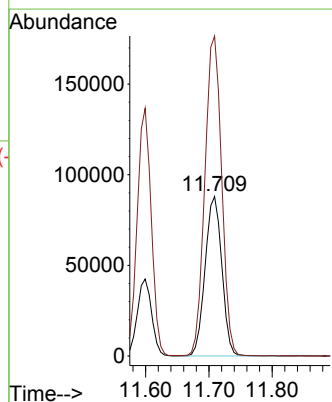
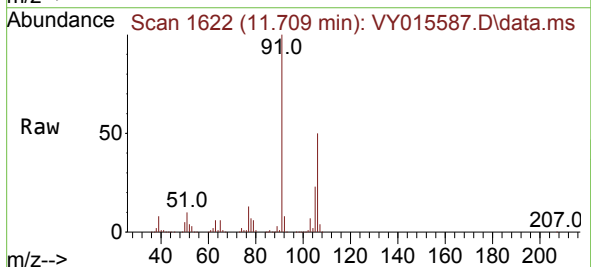
Instrument :
MSVOA_Y
ClientSampleId :

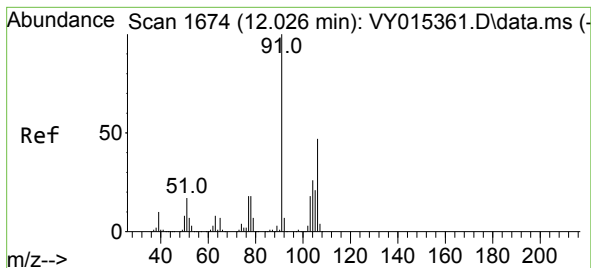
Tgt Ion: 91 Resp: 211519
Ion Ratio Lower Upper
91 100
106 31.1 24.6 36.8



#68
m/p-Xylenes
Concen: 40.809 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion:106 Resp: 161937
Ion Ratio Lower Upper
106 100
91 201.3 166.1 249.1





#69

o-Xylene

Concen: 20.641 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

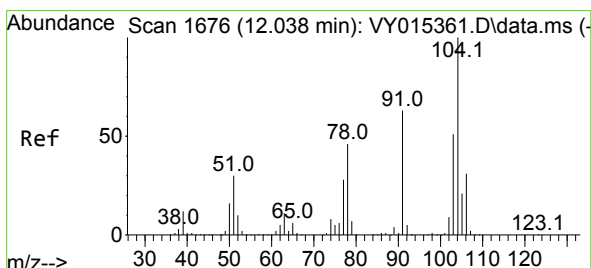
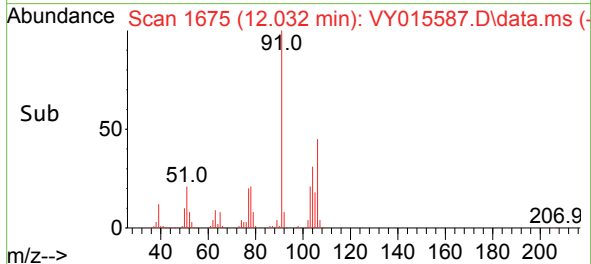
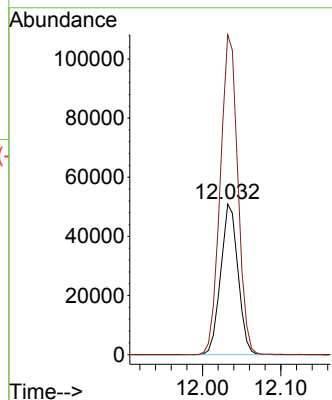
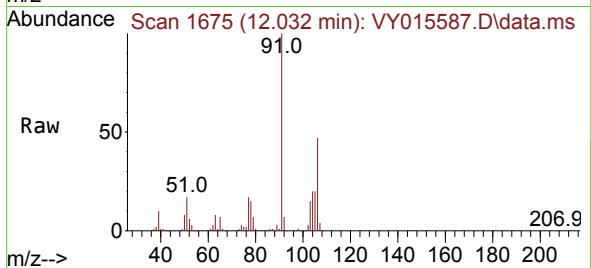
ClientSampleId :

Tgt Ion:106 Resp: 78277

Ion Ratio Lower Upper

106 100

91 216.0 108.1 324.3



#70

Styrene

Concen: 21.615 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

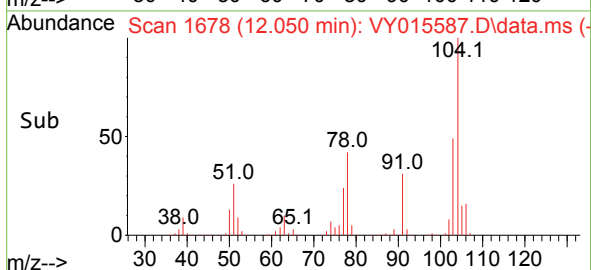
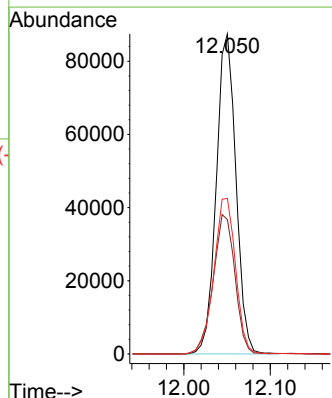
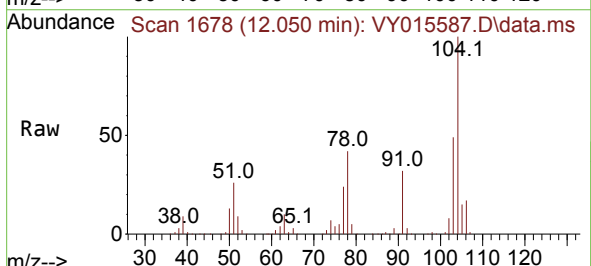
Tgt Ion:104 Resp: 137832

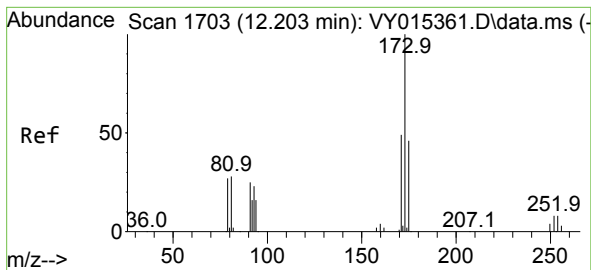
Ion Ratio Lower Upper

104 100

78 48.2 41.5 62.3

103 53.8 44.6 67.0





#71

Bromoform

Concen: 24.678 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

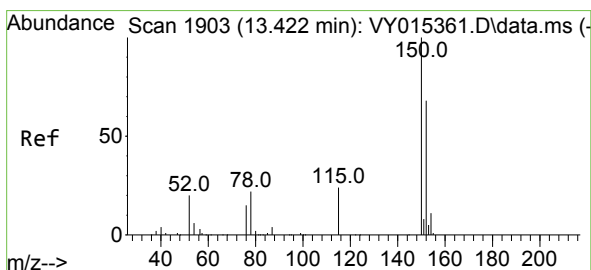
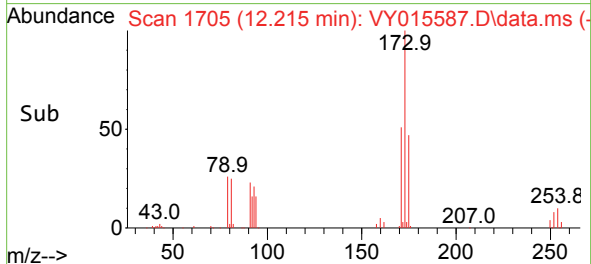
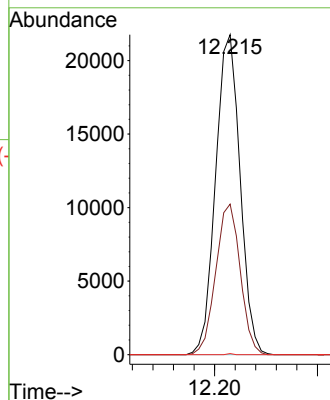
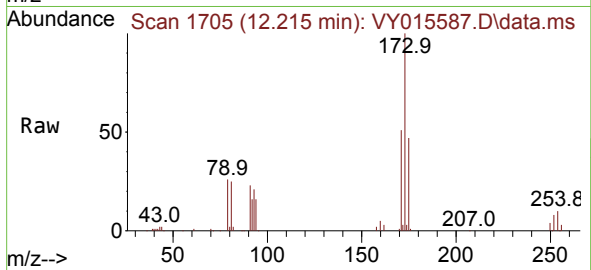
Tgt Ion:173 Resp: 35923

Ion Ratio Lower Upper

173 100

175 47.1 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

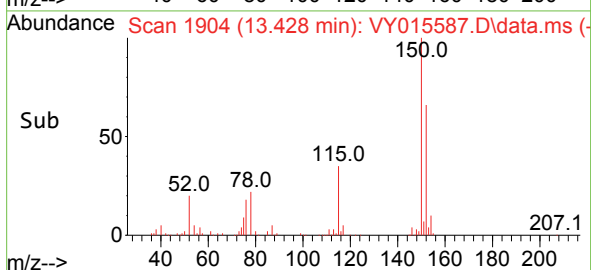
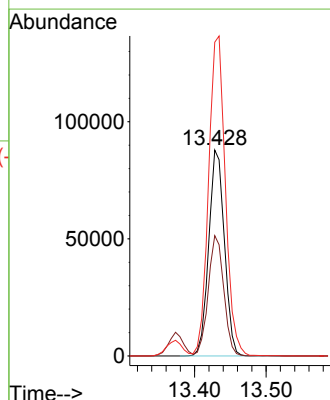
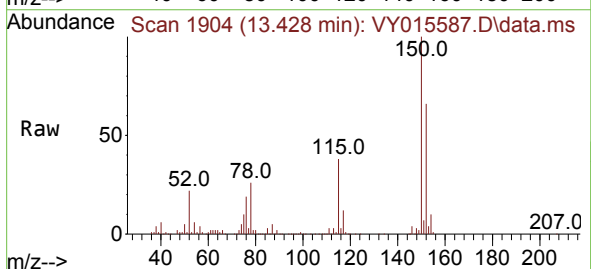
Tgt Ion:152 Resp: 134156

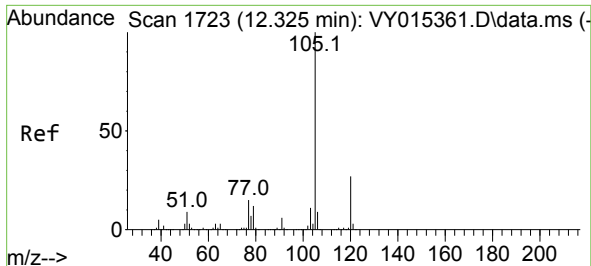
Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 165.8 0.0 348.8

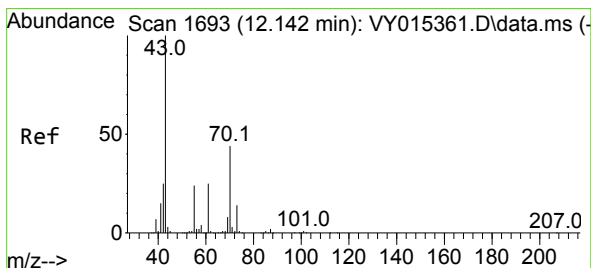
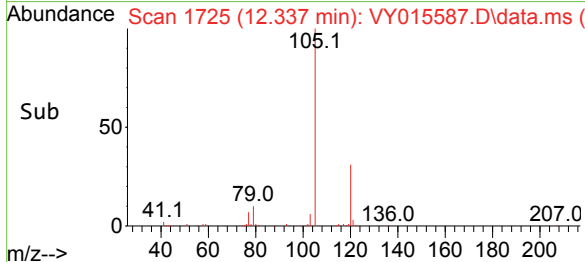
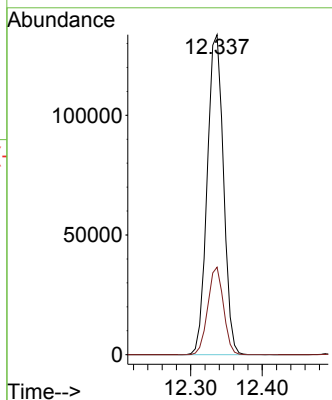
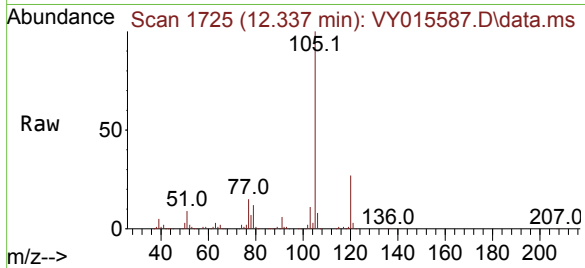




#73
Isopropylbenzene
Concen: 20.883 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

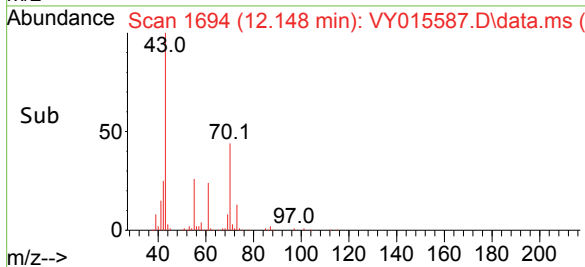
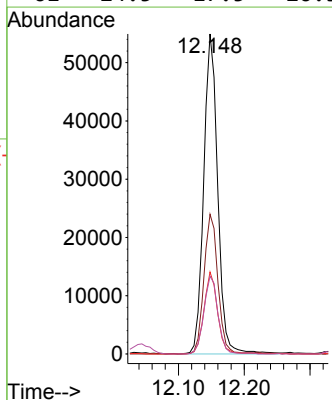
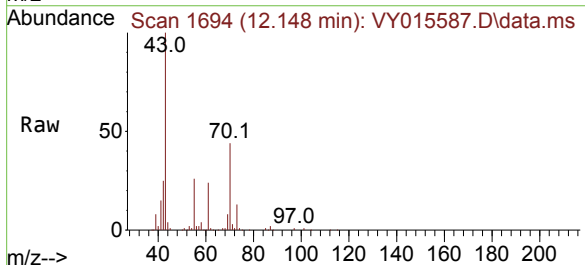
Instrument :
MSVOA_Y
ClientSampleId :

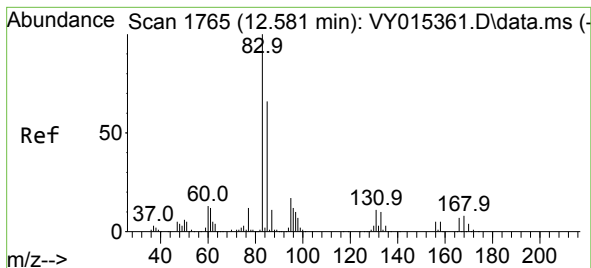
Tgt Ion:105 Resp: 210434
Ion Ratio Lower Upper
105 100
120 26.4 13.3 39.9



#74
N-ethyl acetate
Concen: 24.073 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 43 Resp: 81499
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 25.0 18.3 27.5
61 24.5 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 24.910 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

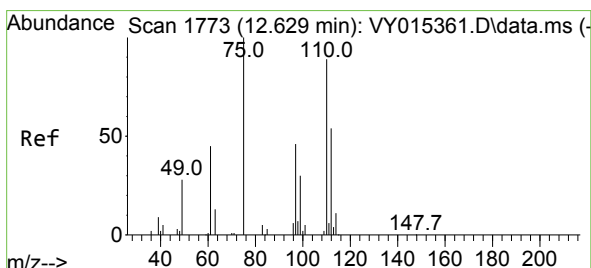
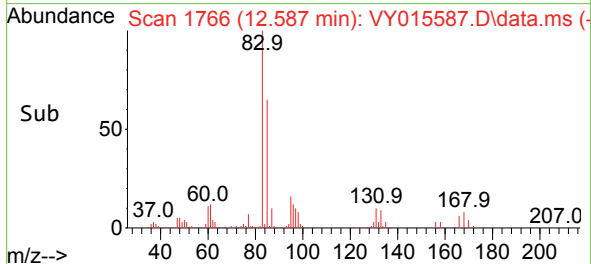
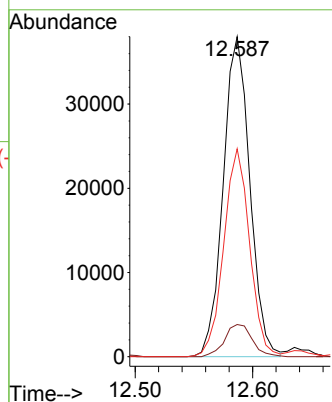
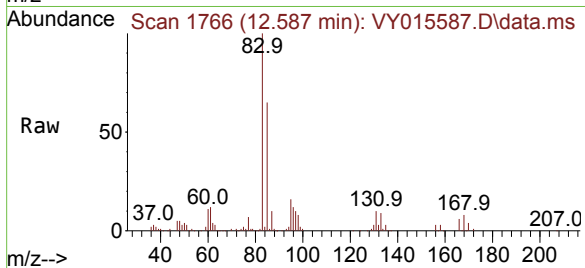
Tgt Ion: 83 Resp: 59922

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 44.920 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015587.D

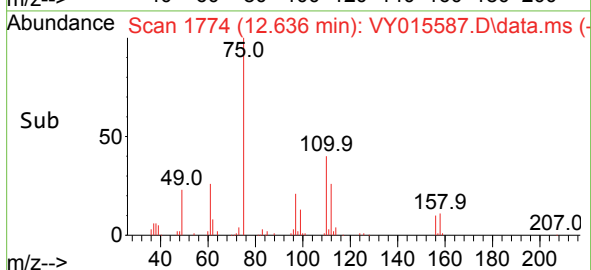
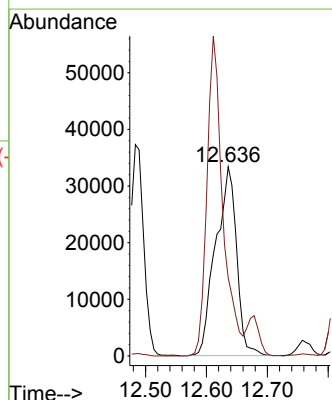
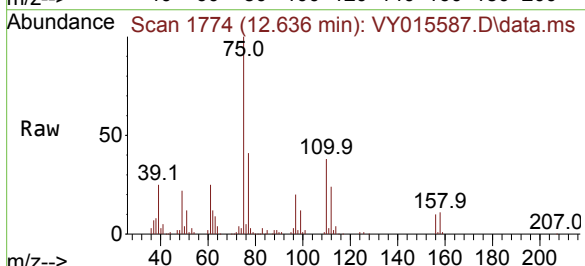
Acq: 15 Sep 2023 23:15

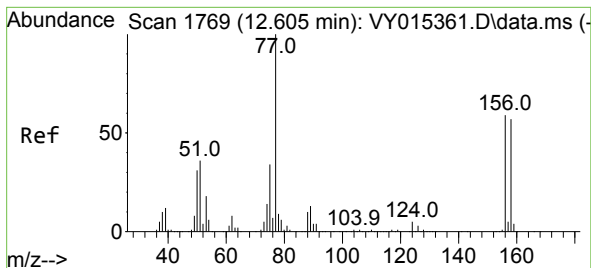
Tgt Ion: 75 Resp: 79915

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.600 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

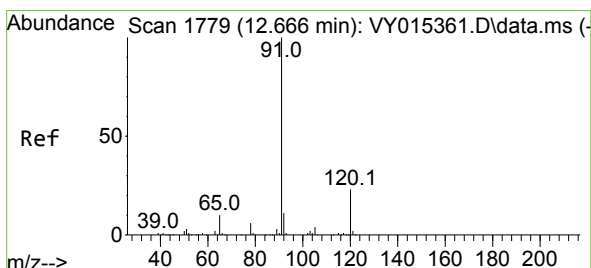
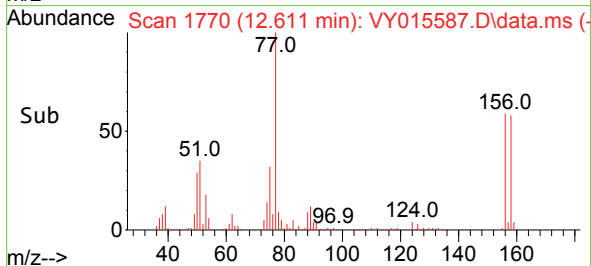
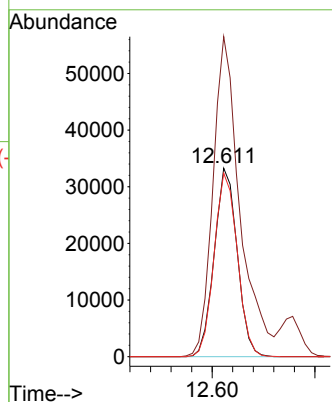
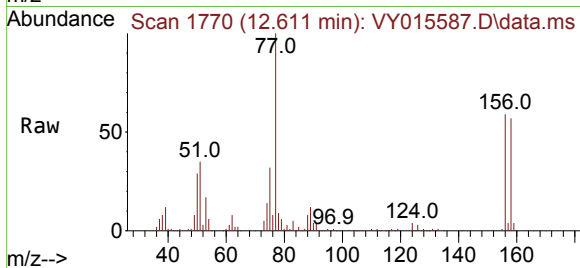
Tgt Ion:156 Resp: 51553

Ion Ratio Lower Upper

156 100

77 199.2 92.8 278.6

158 98.5 48.4 145.3



#78

n-propylbenzene

Concen: 20.682 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015587.D

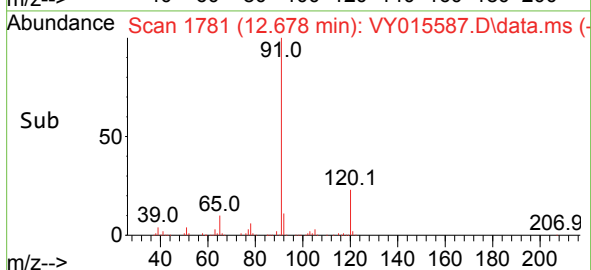
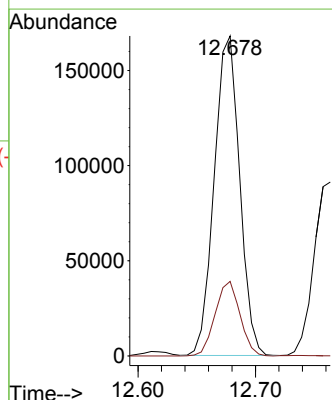
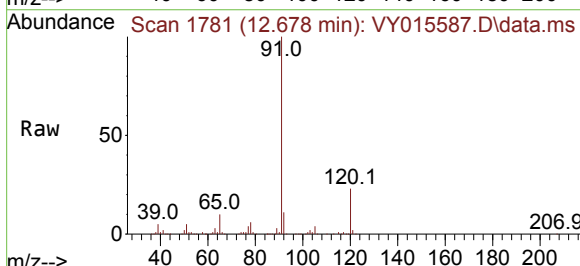
Acq: 15 Sep 2023 23:15

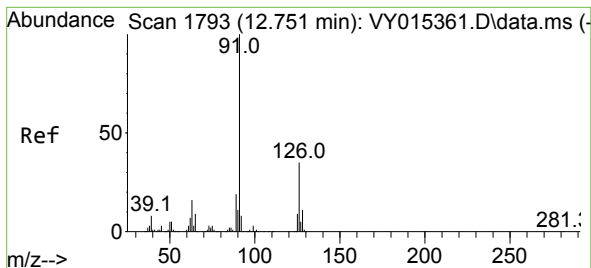
Tgt Ion: 91 Resp: 252187

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

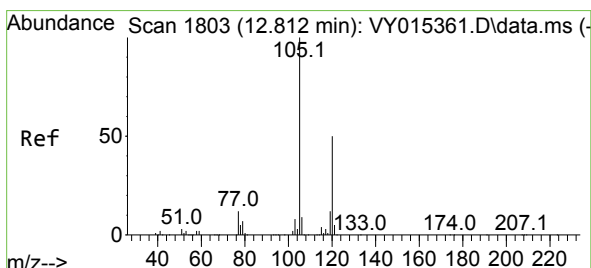
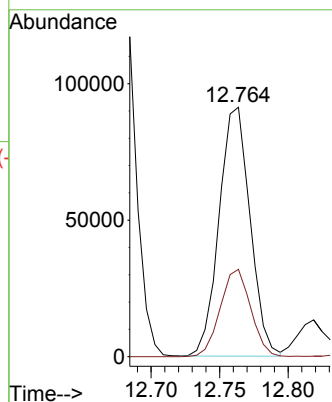
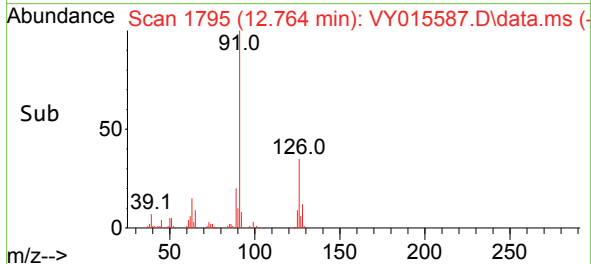
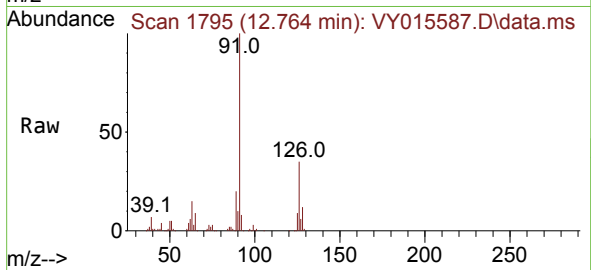




#79
2-Chlorotoluene
Concen: 21.011 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

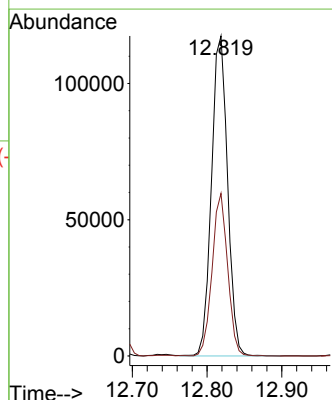
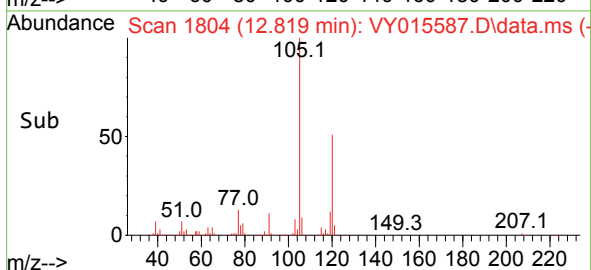
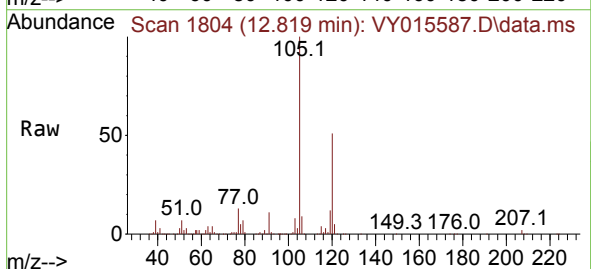
Instrument :
MSVOA_Y
ClientSampleId :

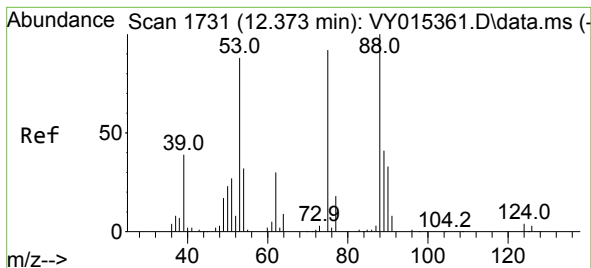
Tgt Ion: 91 Resp: 143697
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.893 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 105 Resp: 176098
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

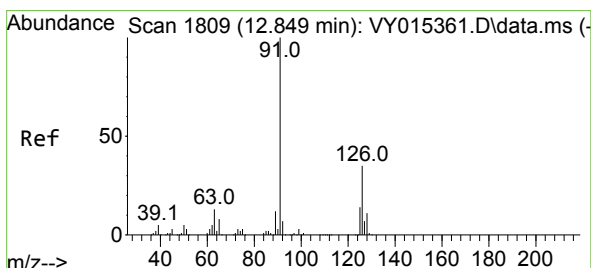
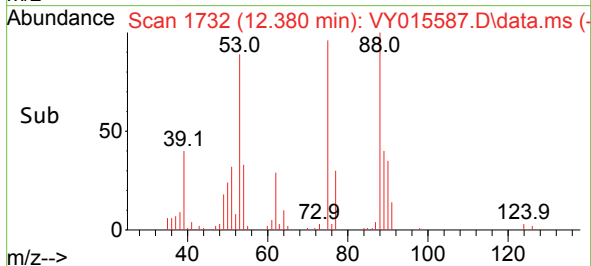
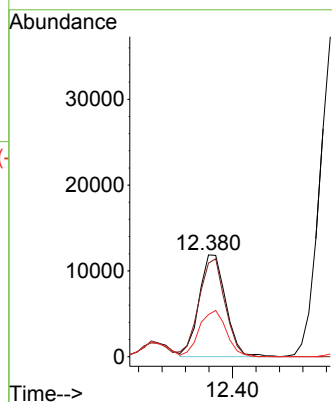
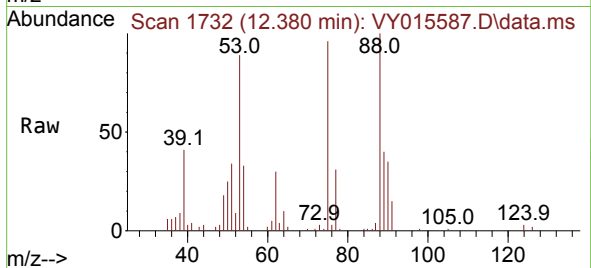




#81
trans-1,4-Dichloro-2-butene
Concen: 23.171 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

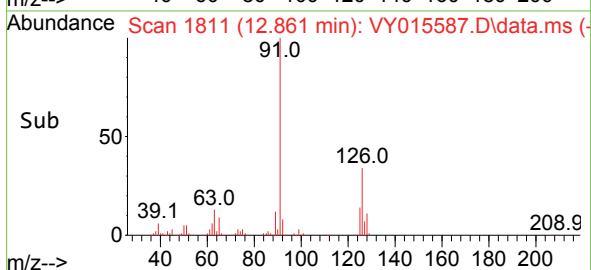
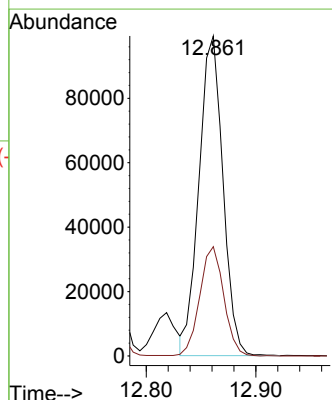
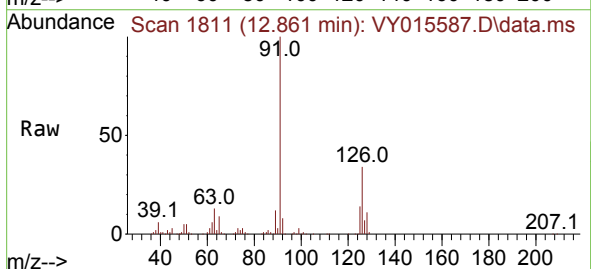
Instrument :
MSVOA_Y
ClientSampleId :

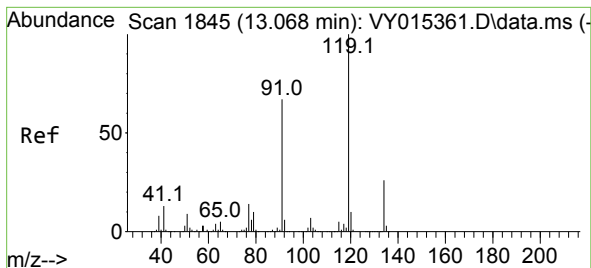
Tgt Ion: 75 Resp: 18687
Ion Ratio Lower Upper
75 100
53 95.3 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.192 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 91 Resp: 150629
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.625 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

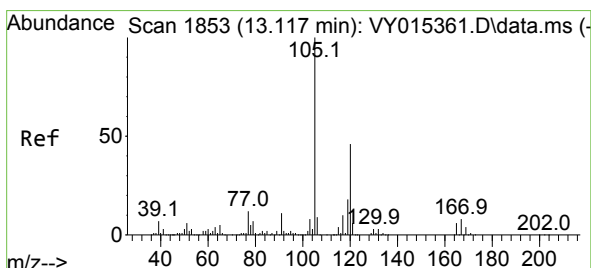
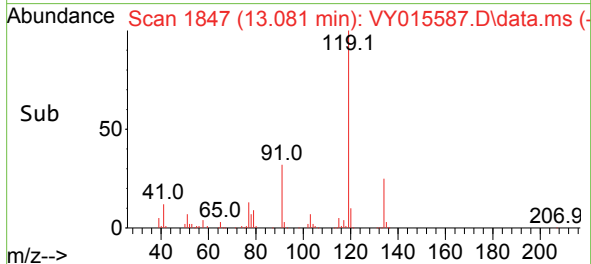
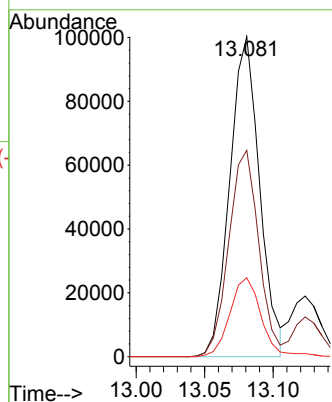
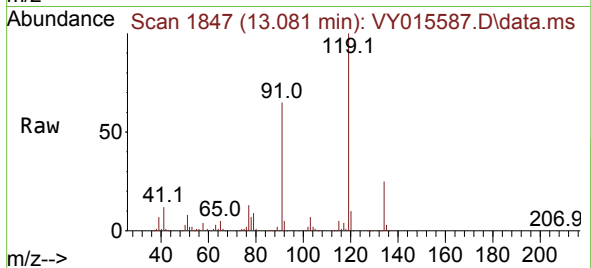
Tgt Ion:119 Resp: 152264

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.873 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015587.D

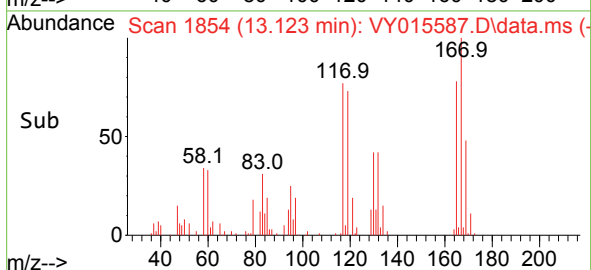
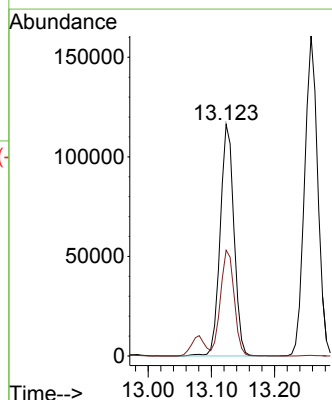
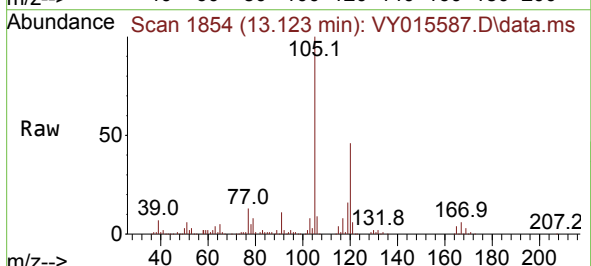
Acq: 15 Sep 2023 23:15

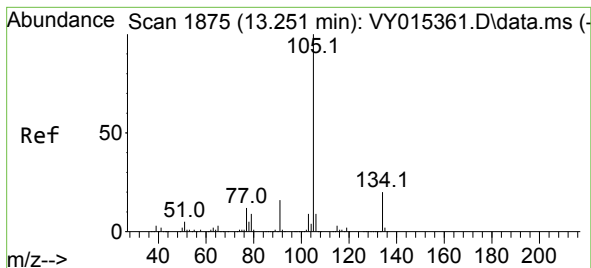
Tgt Ion:105 Resp: 174682

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.045 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

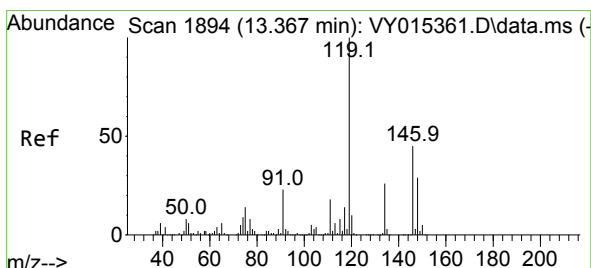
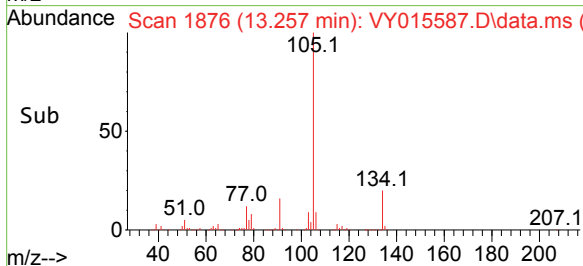
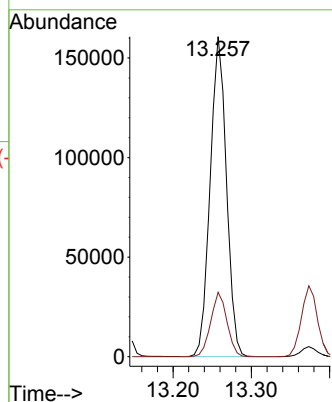
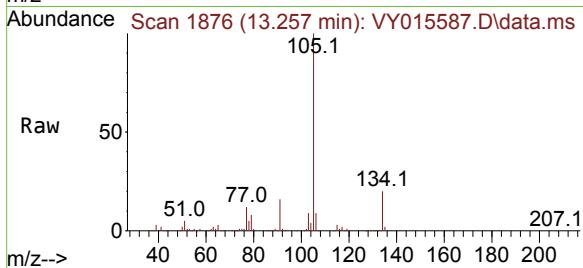
ClientSampleId :

Tgt Ion:105 Resp: 231736

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.809 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

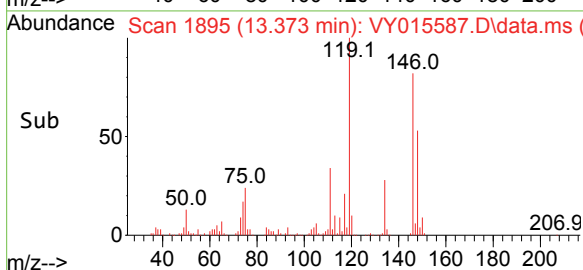
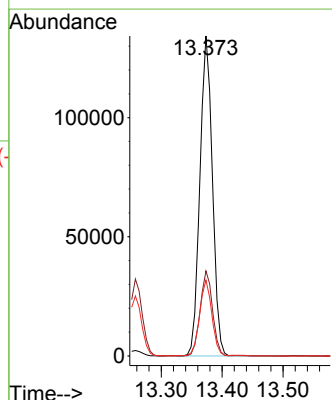
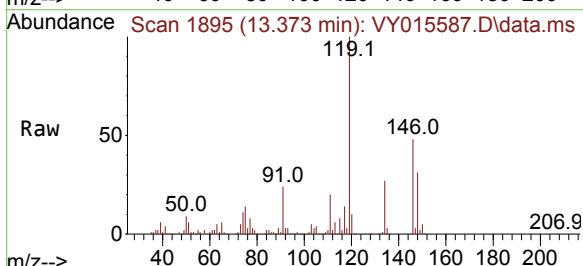
Tgt Ion:119 Resp: 192036

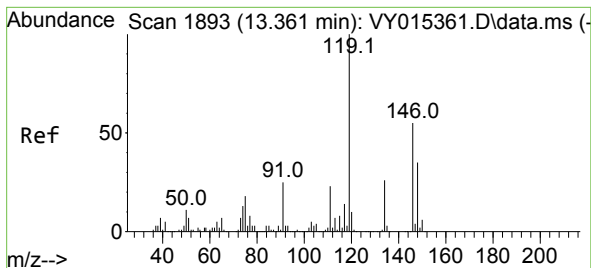
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.292 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

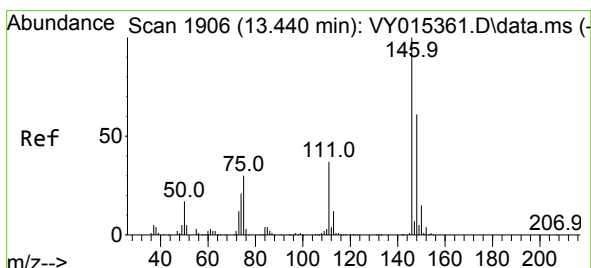
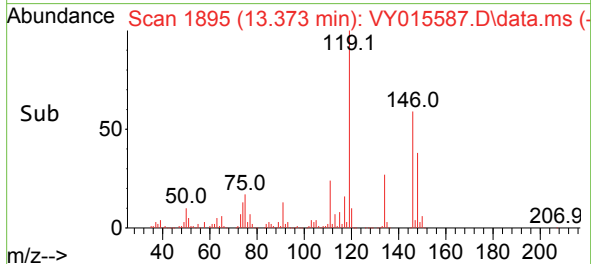
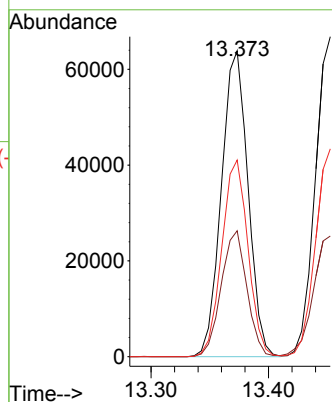
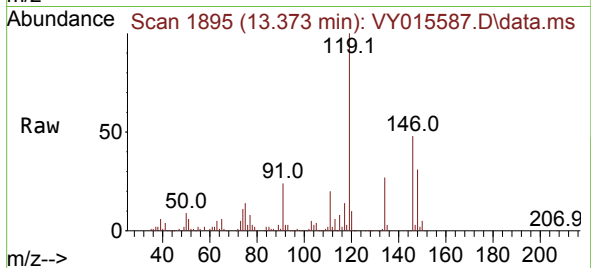
Tgt Ion:146 Resp: 100324

Ion Ratio Lower Upper

146 100

111 40.0 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.341 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

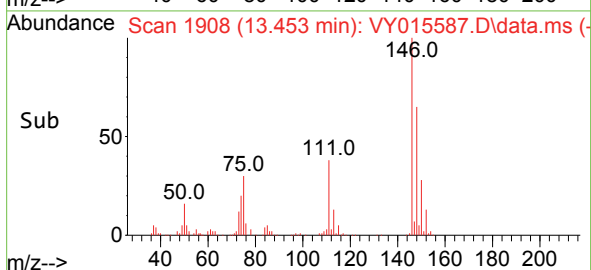
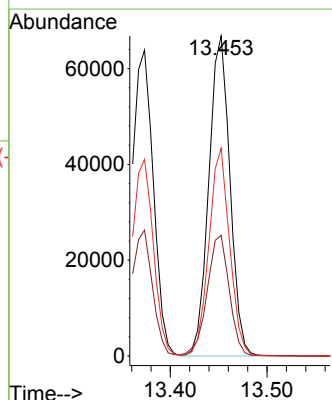
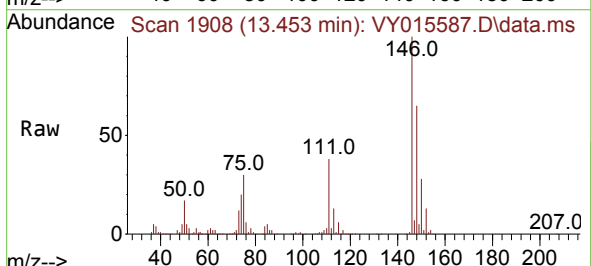
Tgt Ion:146 Resp: 101646

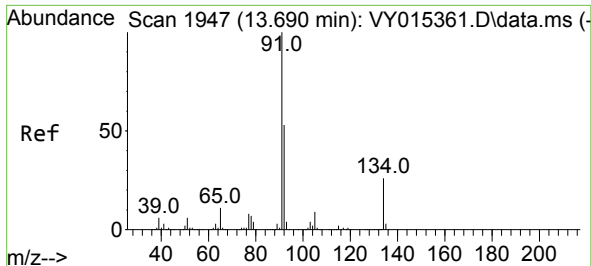
Ion Ratio Lower Upper

146 100

111 39.6 18.9 56.7

148 63.7 32.1 96.5

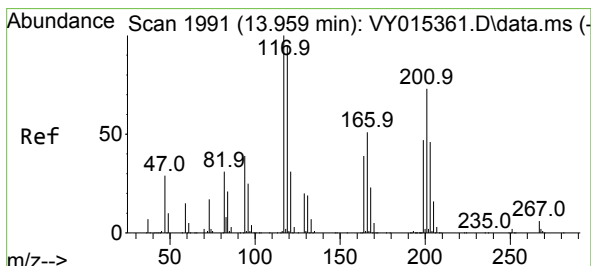
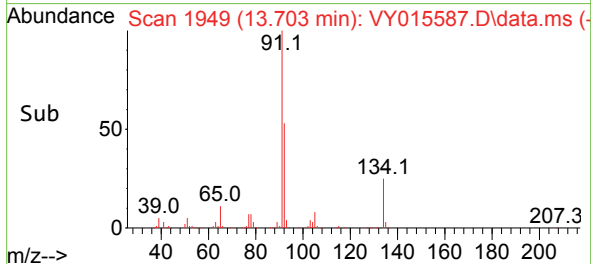
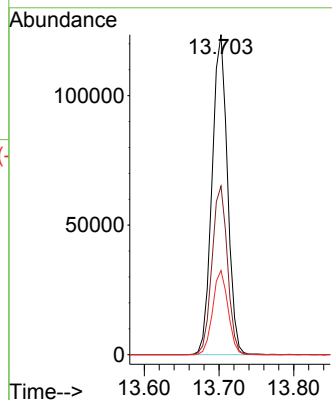
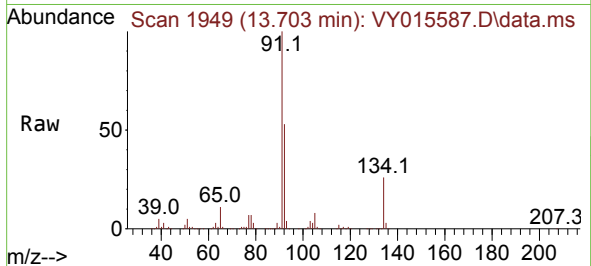




#89
n-Butylbenzene
Concen: 20.453 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

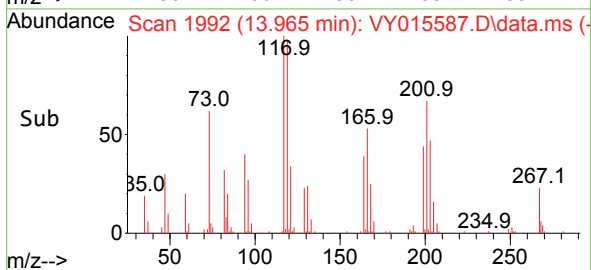
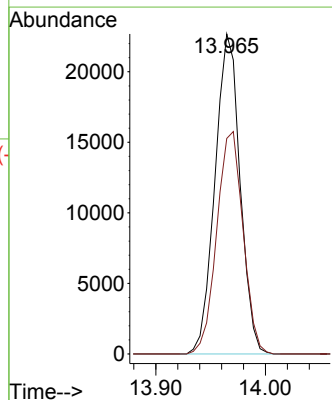
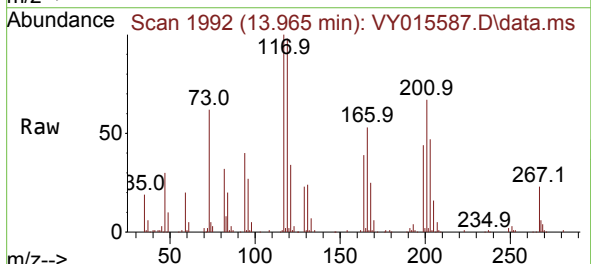
Instrument :
MSVOA_Y
ClientSampleId :

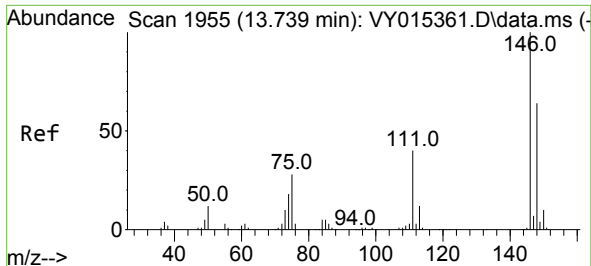
Tgt Ion: 91 Resp: 177654
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 26.2 12.6 37.6



#90
Hexachloroethane
Concen: 21.850 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015587.D
Acq: 15 Sep 2023 23:15

Tgt Ion: 117 Resp: 36065
Ion Ratio Lower Upper
117 100
201 72.8 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.411 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

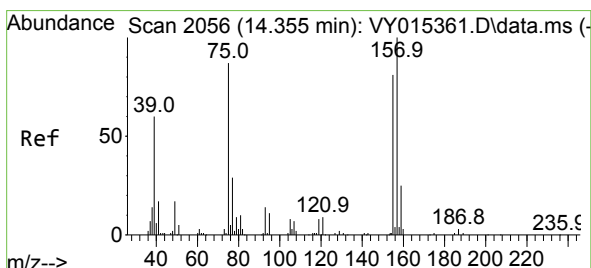
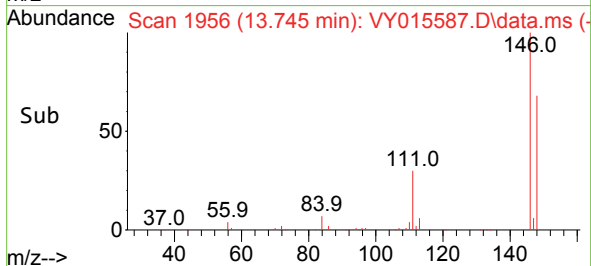
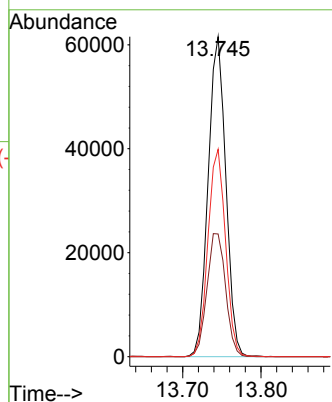
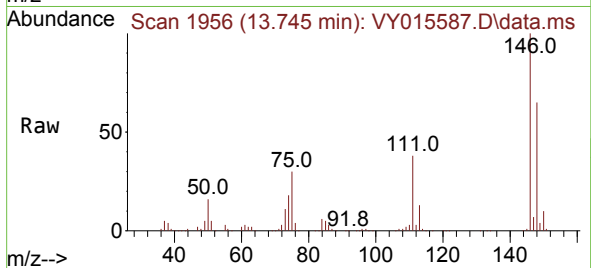
Tgt Ion:146 Resp: 96363

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 64.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 27.157 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

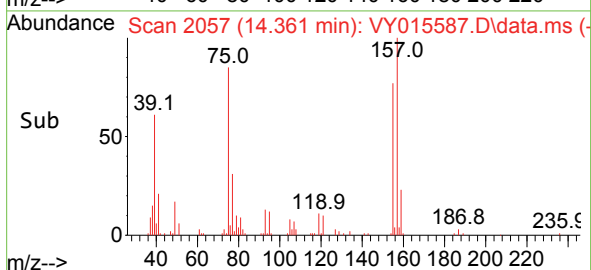
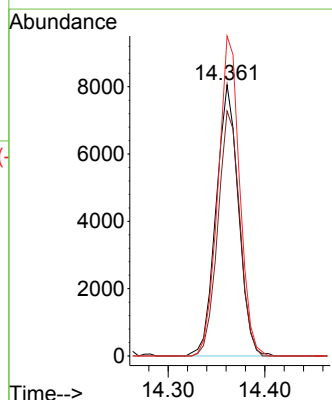
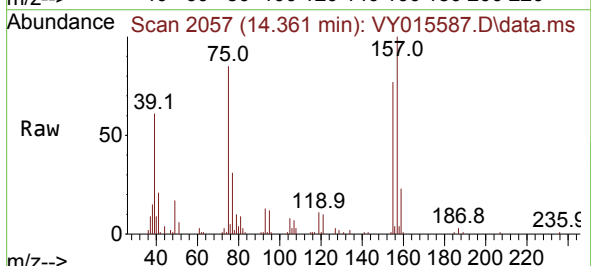
Tgt Ion: 75 Resp: 12923

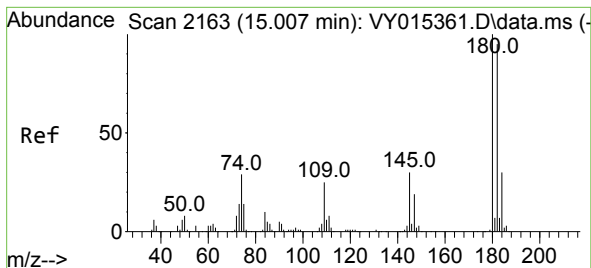
Ion Ratio Lower Upper

75 100

155 88.1 41.5 124.6

157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.548 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

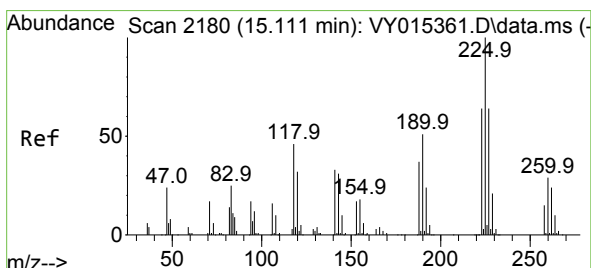
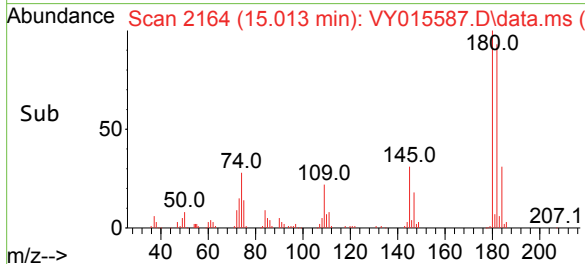
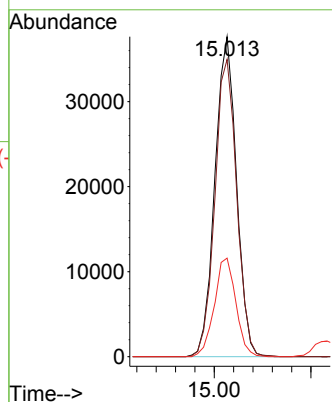
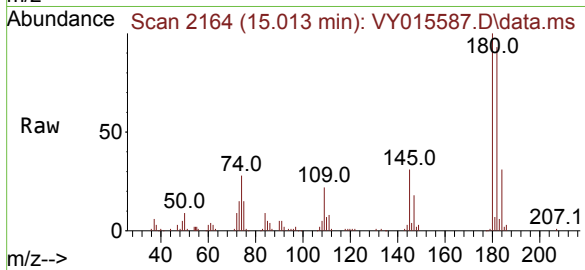
Tgt Ion:180 Resp: 58187

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.811 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

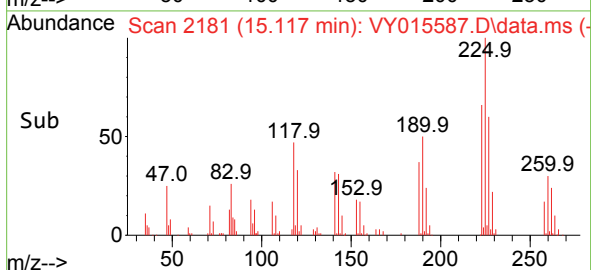
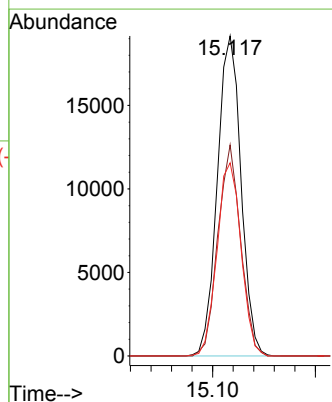
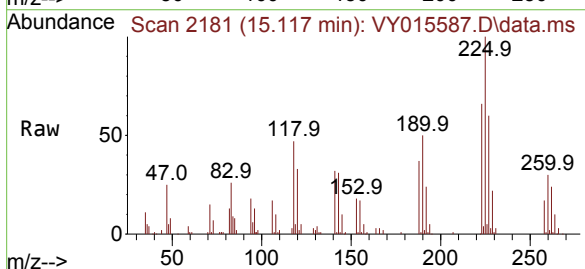
Tgt Ion:225 Resp: 30644

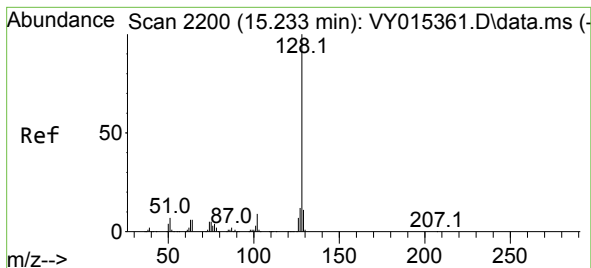
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 61.2 33.0 98.9





#95

Naphthalene

Concen: 24.277 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Instrument :

MSVOA_Y

ClientSampleId :

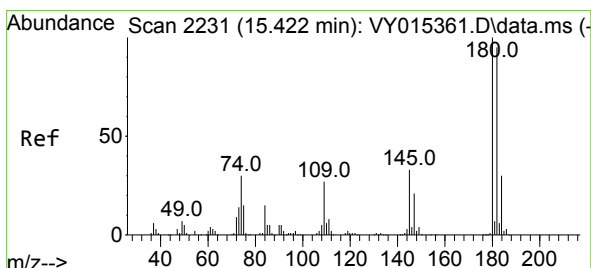
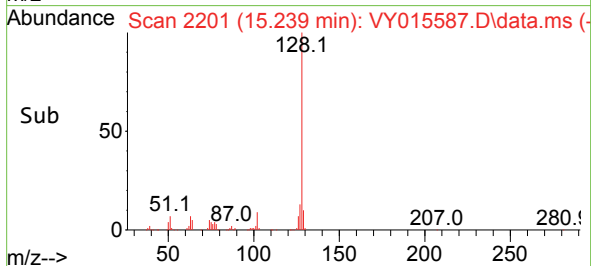
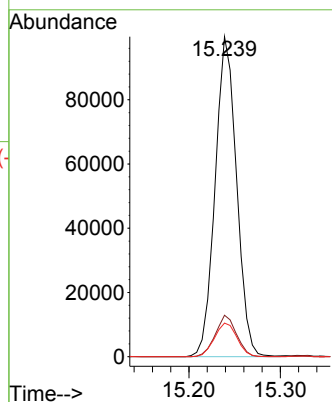
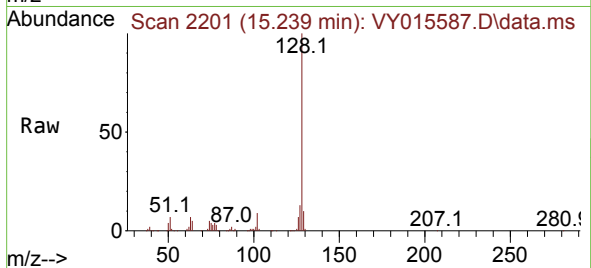
Tgt Ion:128 Resp: 162393

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.057 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015587.D

Acq: 15 Sep 2023 23:15

Tgt Ion:180 Resp: 54330

Ion Ratio Lower Upper

180 100

182 94.8 47.3 141.8

145 32.6 15.4 46.2

