

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015612.D
 Acq On : 18 Sep 2023 13:54
 Operator : SY/MD
 Sample : VY0918SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 17:31:43 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	7.789	168	181024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	311070	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	100231	51.651	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.300%	
35) Dibromofluoromethane	7.722	113	91492	51.064	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.120%	
50) Toluene-d8	10.185	98	295185	45.494	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.980%	
62) 4-Bromofluorobenzene	12.483	95	120484	50.020	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.040%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24209	15.385	ug/l	100
3) Chloromethane	2.113	50	31070	14.867	ug/l	98
4) Vinyl Chloride	2.247	62	35374	14.543	ug/l	98
5) Bromomethane	2.644	94	24238	14.004	ug/l	98
6) Chloroethane	2.784	64	26391	16.506	ug/l	99
7) Trichlorofluoromethane	3.119	101	60742	17.654	ug/l	100
8) Diethyl Ether	3.528	74	25952	22.071	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	36806	19.300	ug/l	94
10) Methyl Iodide	4.089	142	35693	15.938	ug/l	97
11) Tert butyl alcohol	4.985	59	48538	99.697	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	32808	18.232	ug/l	92
13) Acrolein	3.735	56	31192	66.808	ug/l	99
14) Allyl chloride	4.479	41	61486	21.460	ug/l	94
15) Acrylonitrile	5.168	53	96949	131.027	ug/l	98
16) Acetone	3.960	43	110601	136.548	ug/l	97
17) Carbon Disulfide	4.192	76	61114	11.360	ug/l	98
18) Methyl Acetate	4.479	43	73343	25.000	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	141778	24.241	ug/l	98
20) Methylene Chloride	4.716	84	63388	20.250	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	38450	18.555	ug/l	98
22) Diisopropyl ether	6.125	45	146955	23.452	ug/l	93
23) Vinyl Acetate	6.064	43	462456	116.890	ug/l	96
24) 1,1-Dichloroethane	6.021	63	80892	22.332	ug/l	96
25) 2-Butanone	6.997	43	155775	135.596	ug/l	92
26) 2,2-Dichloropropane	6.984	77	66284	21.545	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	51561	21.934	ug/l	94
28) Bromochloromethane	7.332	49	22251	20.031	ug/l	95
29) Tetrahydrofuran	7.356	42	90497	125.442	ug/l	94
30) Chloroform	7.509	83	88240	23.173	ug/l	98
31) Cyclohexane	7.789	56	54320	15.758	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	71667	21.071	ug/l	99
36) 1,1-Dichloropropene	7.923	75	55858	17.755	ug/l	99
37) Ethyl Acetate	7.076	43	59306	24.442	ug/l	98
38) Carbon Tetrachloride	7.905	117	61297	18.865	ug/l	96
39) Methylcyclohexane	9.185	83	59744	15.084	ug/l	93
40) Benzene	8.161	78	174047	19.829	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	28126	24.719	ug/l	93
42) 1,2-Dichloroethane	8.240	62	61827	21.124	ug/l	95
43) Isopropyl Acetate	8.277	43	99797	23.785	ug/l	98
44) Trichloroethene	8.941	130	49973	20.123	ug/l	98
45) 1,2-Dichloropropane	9.216	63	48589	21.959	ug/l	97
46) Dibromomethane	9.307	93	31455	21.401	ug/l	97
47) Bromodichloromethane	9.496	83	70954	22.574	ug/l	99
48) Methyl methacrylate	9.295	41	43474	22.583	ug/l	91
49) 1,4-Dioxane	9.313	88	13081	479.145	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	308632	126.559	ug/l	93
52) Toluene	10.246	92	112855	20.060	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	74312	22.246	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	80292	22.096	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	46555	23.508	ug/l	97
56) Ethyl methacrylate	10.514	69	69743	23.765	ug/l	89
57) 1,3-Dichloropropane	10.795	76	78738	23.097	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	109037	104.091	ug/l	96
59) 2-Hexanone	10.837	43	239894	131.101	ug/l	92
60) Dibromochloromethane	10.990	129	54052	23.319	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46134	22.990	ug/l	98
64) Tetrachloroethene	10.721	164	54144	21.195	ug/l	98
65) Chlorobenzene	11.520	112	132444	21.839	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	50820	22.894	ug/l	97
67) Ethyl Benzene	11.593	91	227808	20.919	ug/l	99
68) m/p-Xylenes	11.703	106	173643	41.137	ug/l	96
69) o-Xylene	12.032	106	85700	21.244	ug/l	98
70) Styrene	12.044	104	148721	21.926	ug/l	96
71) Bromoform	12.209	173	37799	24.411	ug/l #	100
73) Isopropylbenzene	12.331	105	224070	20.696	ug/l	99
74) N-amyl acetate	12.148	43	86498	23.781	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	61415	23.763	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	82723	43.279	ug/l #	100
77) Bromobenzene	12.611	156	55605	21.685	ug/l	94
78) n-propylbenzene	12.672	91	271847	20.751	ug/l	99
79) 2-Chlorotoluene	12.758	91	156218	21.260	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	188533	20.819	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	20196	23.308	ug/l	100
82) 4-Chlorotoluene	12.855	91	164900	21.593	ug/l	99
83) tert-Butylbenzene	13.075	119	168528	21.247	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	193462	21.517	ug/l	99
85) sec-Butylbenzene	13.258	105	247920	20.956	ug/l	100
86) p-Isopropyltoluene	13.373	119	209921	21.171	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	110979	21.923	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	111715	21.831	ug/l	98
89) n-Butylbenzene	13.697	91	197400	21.152	ug/l	98
90) Hexachloroethane	13.965	117	39181	22.094	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	104286	22.574	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13010	25.447	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	65995	22.747	ug/l	98
94) Hexachlorobutadiene	15.111	225	34489	21.800	ug/l	97
95) Naphthalene	15.239	128	174254	24.246	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	61299	23.163	ug/l	99

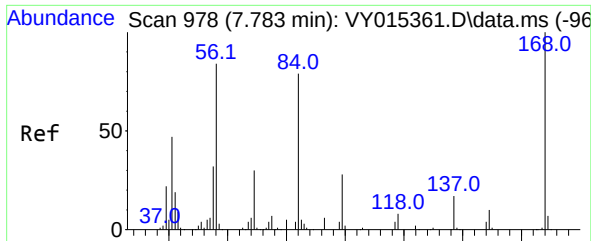
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Response via : Initial Calibration

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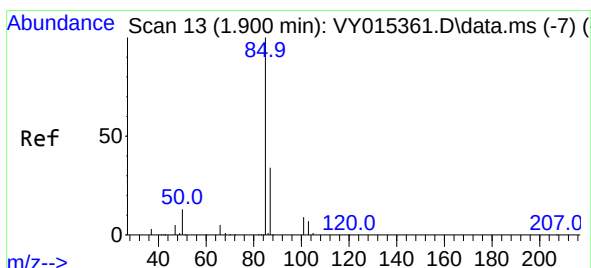
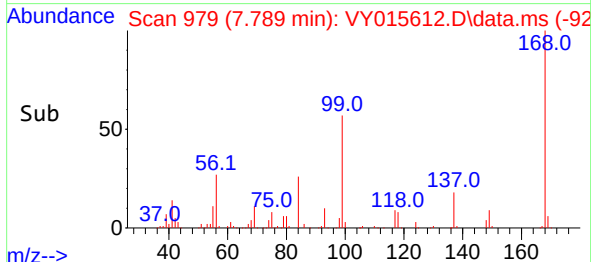
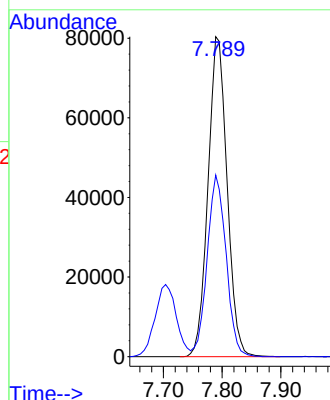
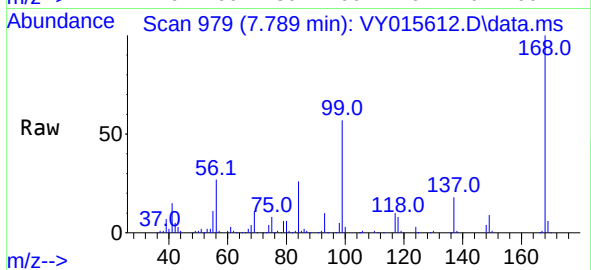
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

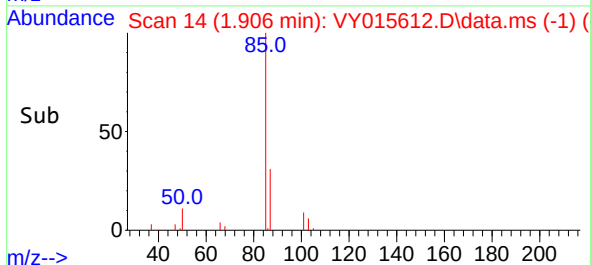
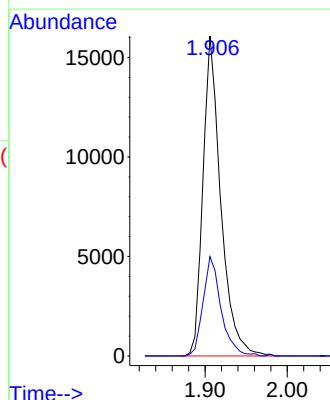
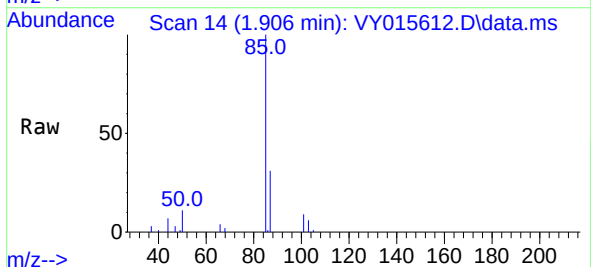
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 181024
Ion Ratio Lower Upper
168 100
99 56.7 43.4 65.0

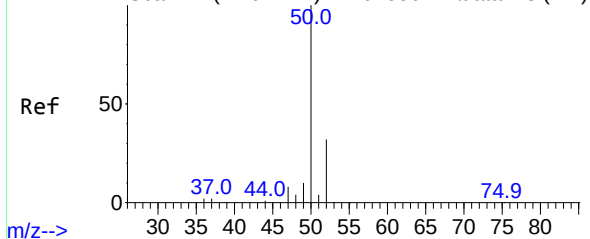


#2
Dichlorodifluoromethane
Concen: 15.385 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 85 Resp: 24209
Ion Ratio Lower Upper
85 100
87 31.0 15.6 46.8



Abundance Scan 47 (2.107 min): VY015361.D\data.ms (-41)



#3

Chloromethane

Concen: 14.867 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

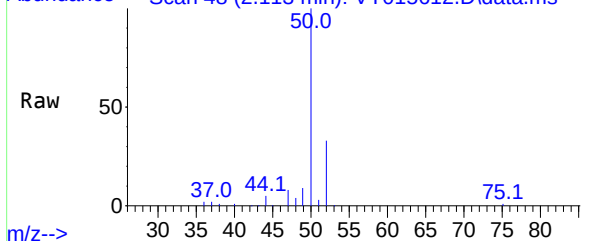
Tgt Ion: 50 Resp: 31070

Ion Ratio Lower Upper

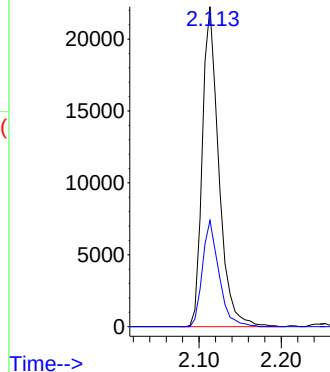
50 100

52 33.2 25.4 38.2

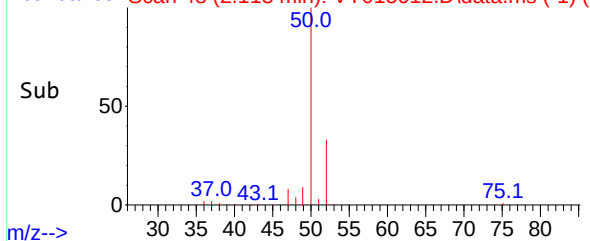
Abundance Scan 48 (2.113 min): VY015612.D\data.ms



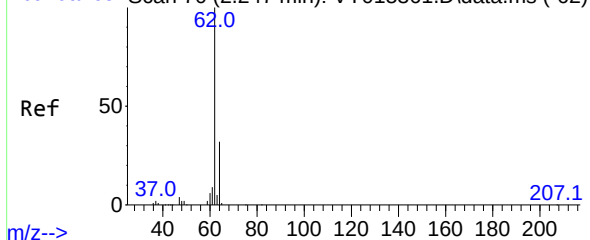
Abundance



Abundance Scan 48 (2.113 min): VY015612.D\data.ms (-1)



Abundance Scan 70 (2.247 min): VY015361.D\data.ms (-62)



#4

Vinyl Chloride

Concen: 14.543 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

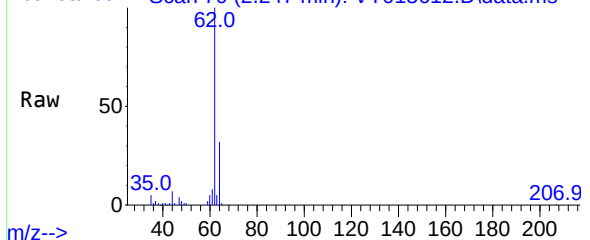
Tgt Ion: 62 Resp: 35374

Ion Ratio Lower Upper

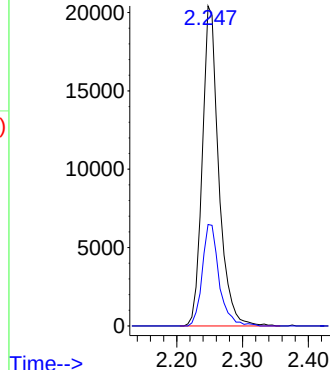
62 100

64 31.7 24.3 36.5

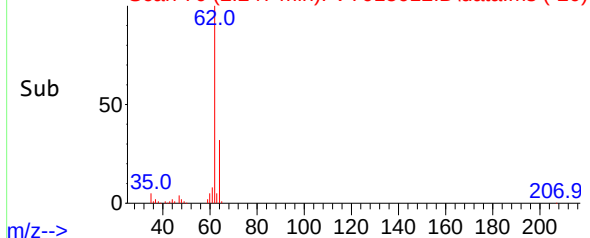
Abundance Scan 70 (2.247 min): VY015612.D\data.ms

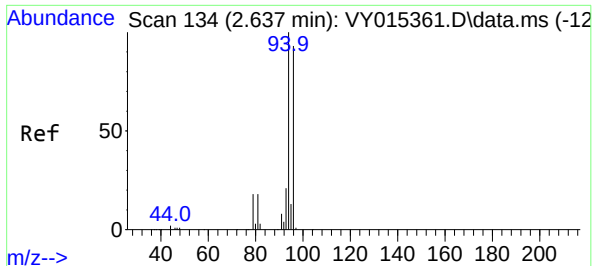


Abundance



Abundance Scan 70 (2.247 min): VY015612.D\data.ms (-20)

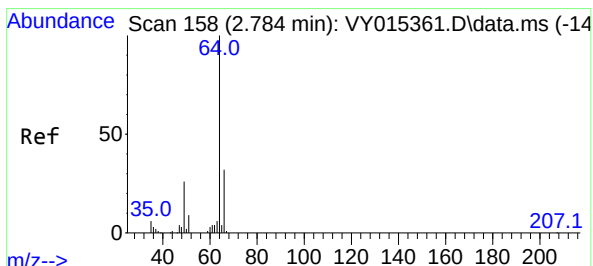
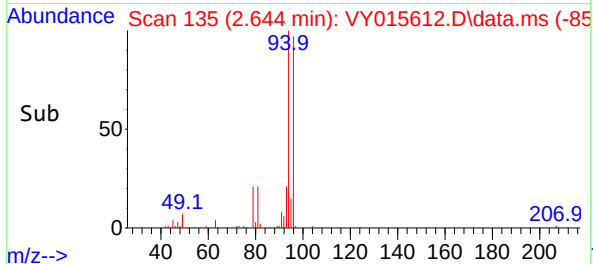
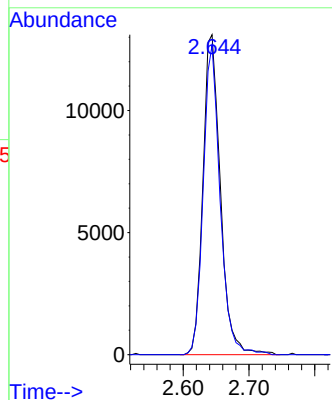
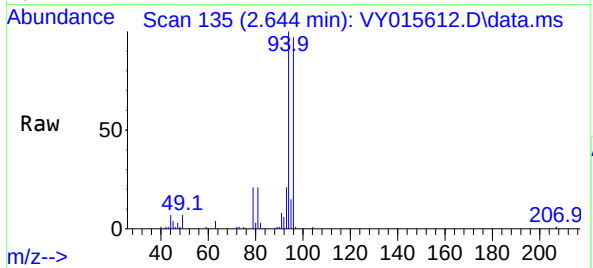




#5
Bromomethane
Concen: 14.004 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

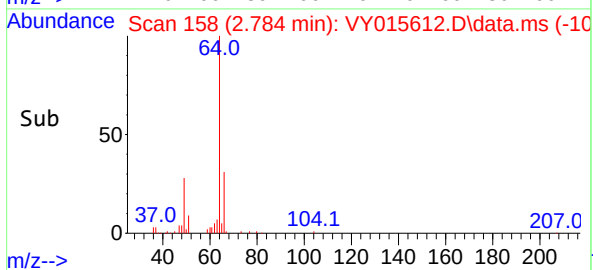
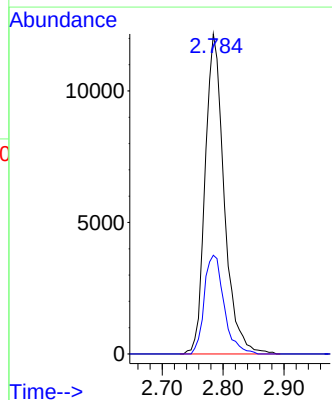
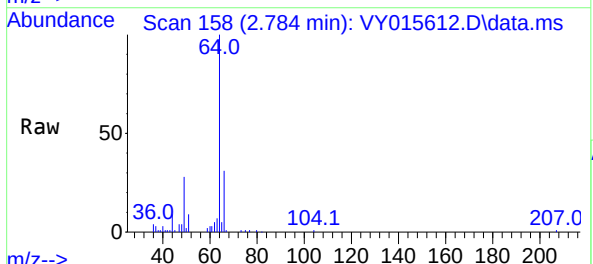
Instrument :
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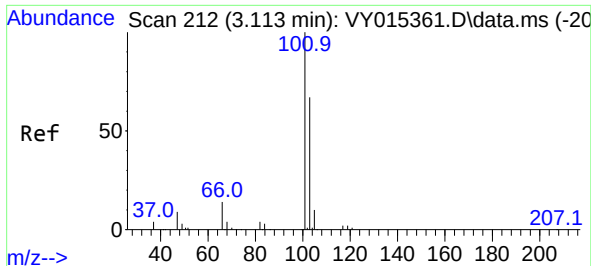
Tgt Ion: 94 Resp: 24238
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.6



#6
Chloroethane
Concen: 16.506 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

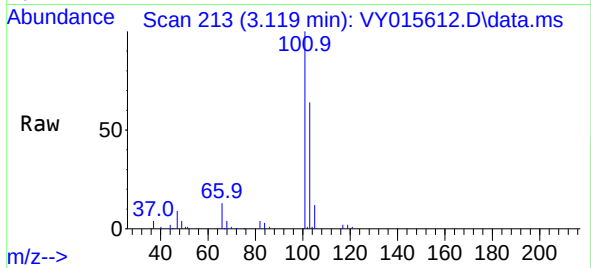
Tgt Ion: 64 Resp: 26391
Ion Ratio Lower Upper
64 100
66 30.9 24.4 36.6



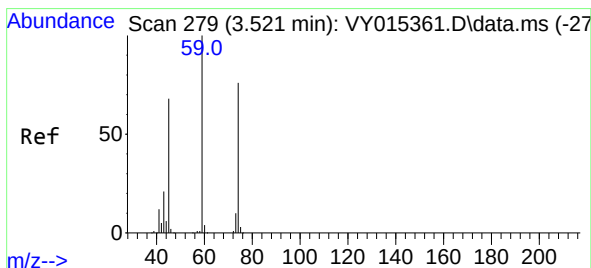
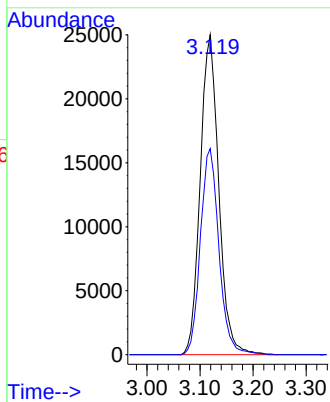
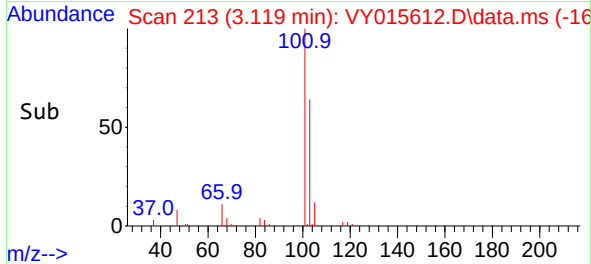


#7
Trichlorofluoromethane
Concen: 17.654 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

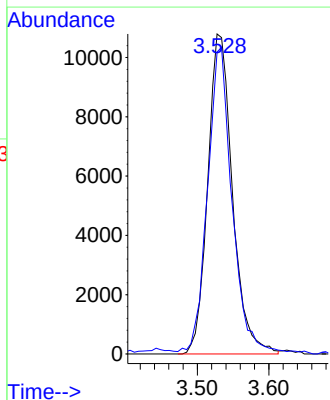
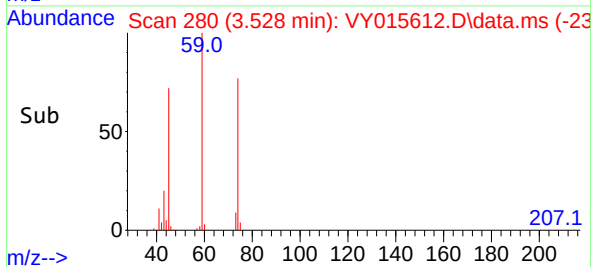
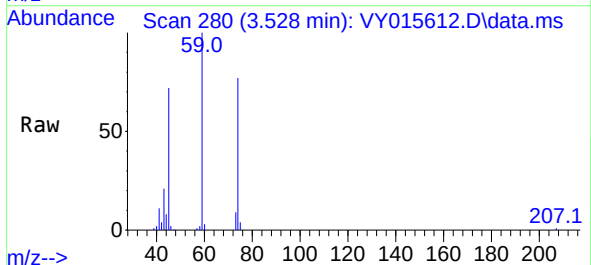


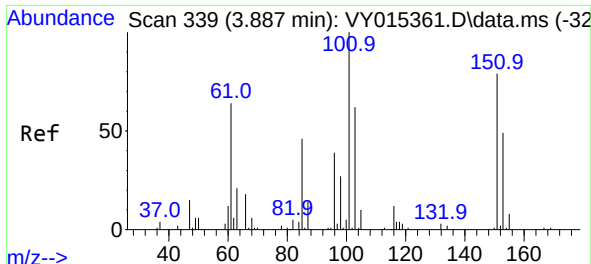
Tgt Ion:101 Resp: 60742
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 22.071 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 74 Resp: 25952
Ion Ratio Lower Upper
74 100
45 96.1 51.5 154.5

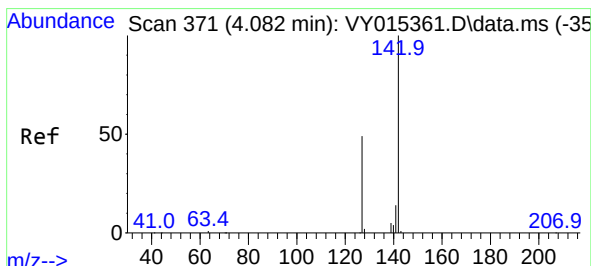
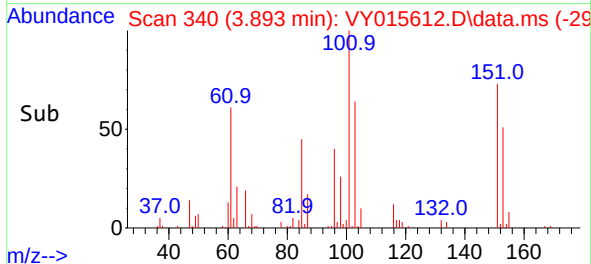
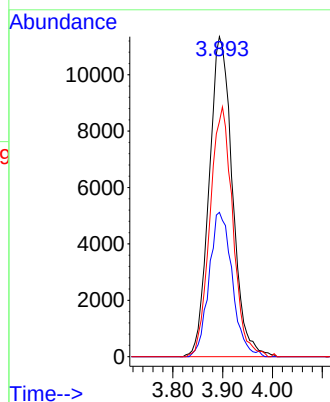
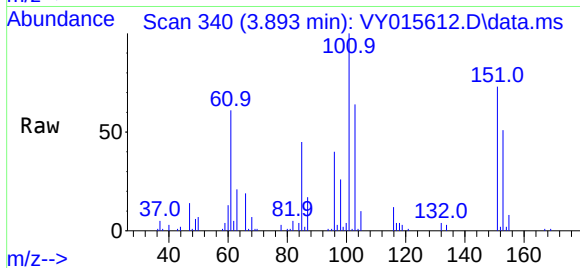




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.300 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

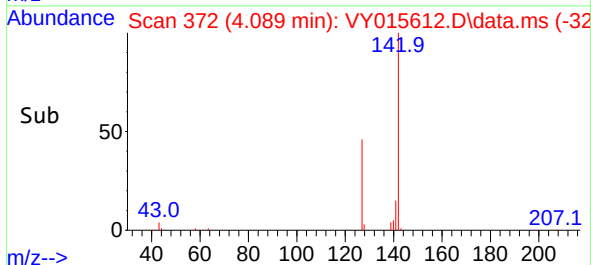
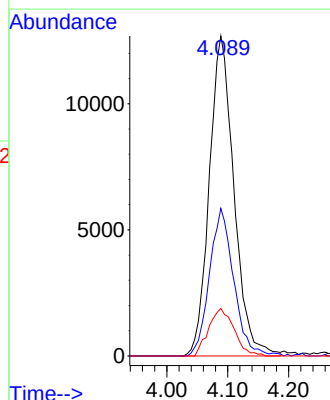
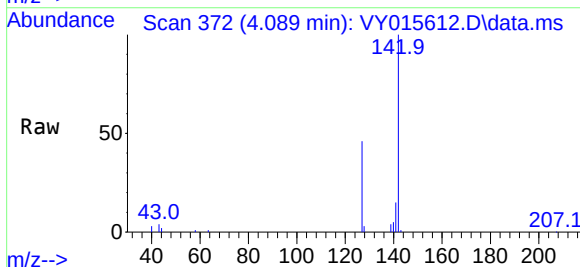
Instrument :
MSVOA_Y
ClientSampleId :

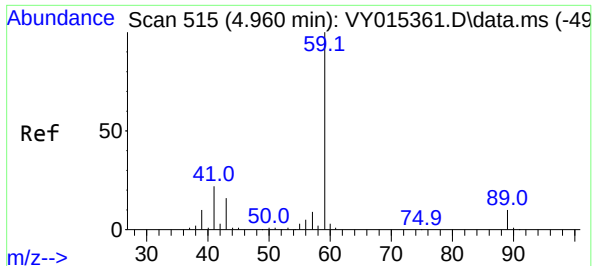
Tgt Ion:101 Resp: 36806
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 76.4 67.0 100.6



#10
Methyl Iodide
Concen: 15.938 ug/l
RT: 4.089 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:142 Resp: 35693
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 15.3 11.8 17.8

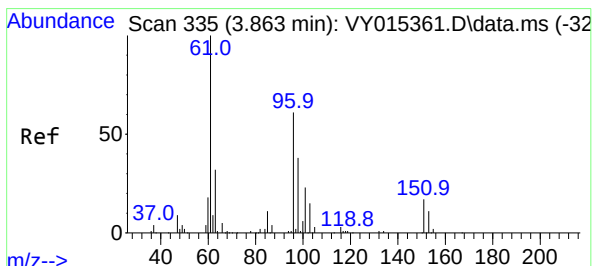
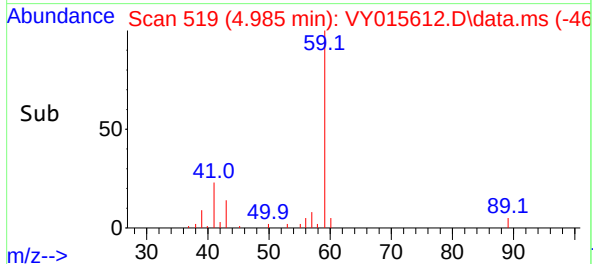
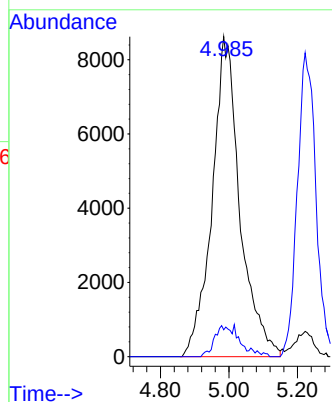
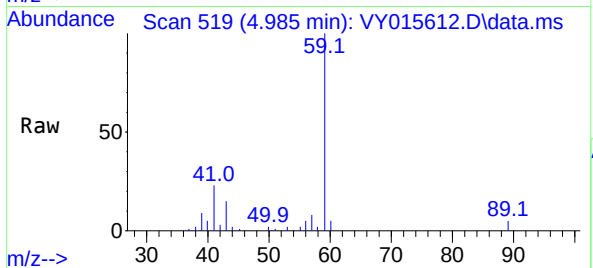




#11
Tert butyl alcohol
Concen: 99.697 ug/l
RT: 4.985 min Scan# 515
Delta R.T. 0.031 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

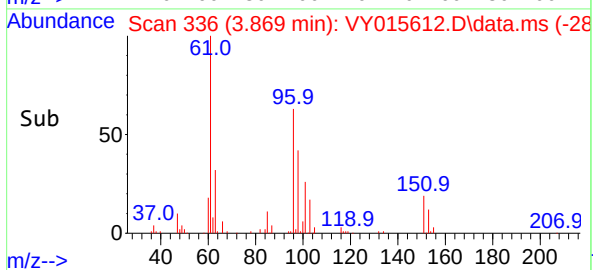
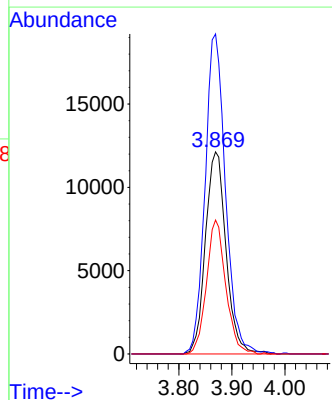
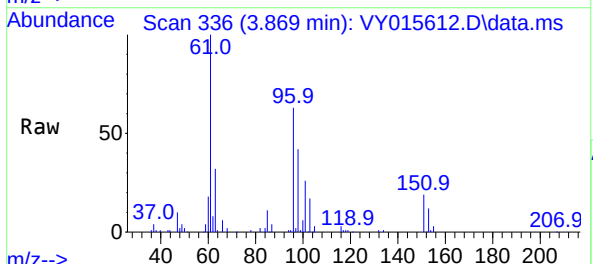
Instrument :
MSVOA_Y
ClientSampleId :

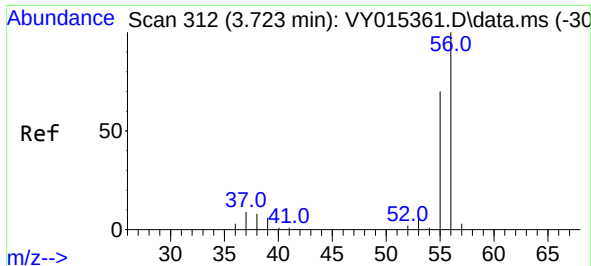
Tgt Ion: 59 Resp: 48538
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.232 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 96 Resp: 32808
Ion Ratio Lower Upper
96 100
61 158.4 136.4 204.6
98 66.3 49.4 74.2

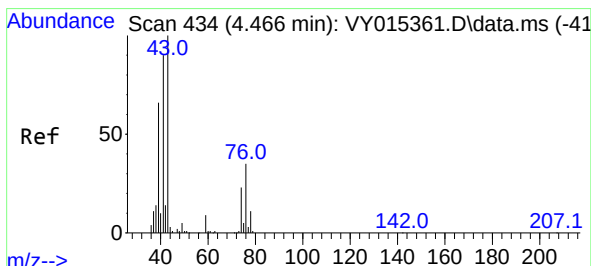
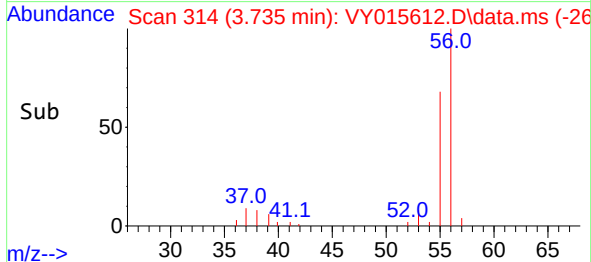
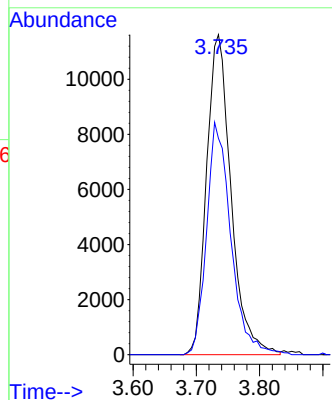
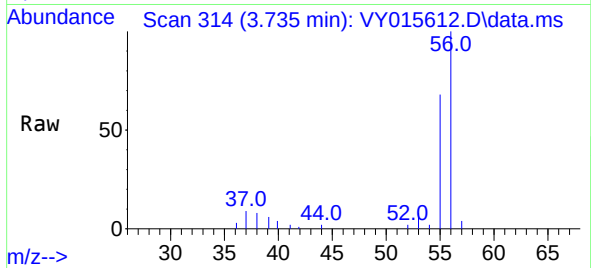




#13
Acrolein
Concen: 66.808 ug/l
RT: 3.735 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

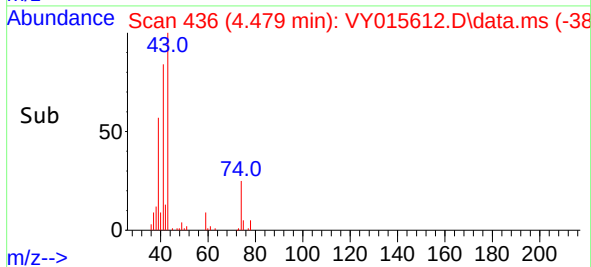
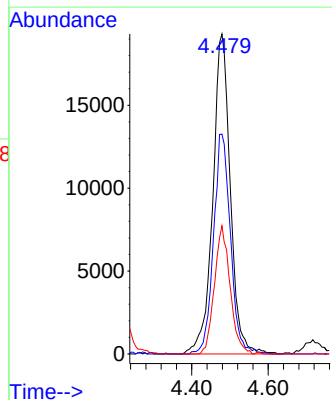
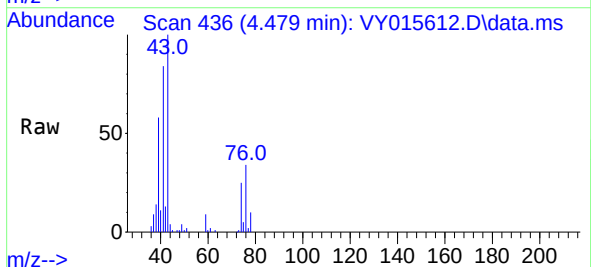
Instrument :
MSVOA_Y
ClientSampleId :

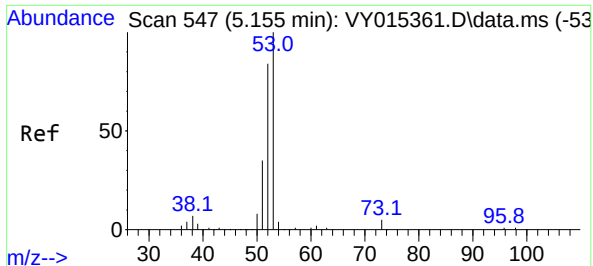
Tgt Ion: 56 Resp: 31192
Ion Ratio Lower Upper
56 100
55 72.1 57.0 85.4



#14
Allyl chloride
Concen: 21.460 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 41 Resp: 61486
Ion Ratio Lower Upper
41 100
39 66.4 58.0 87.0
76 35.7 27.4 41.2

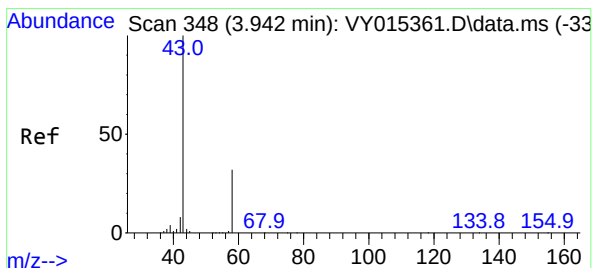
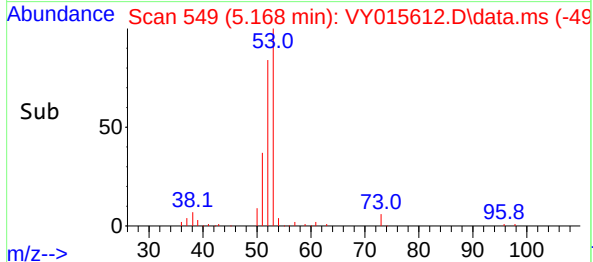
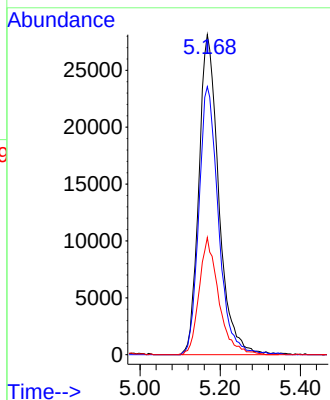
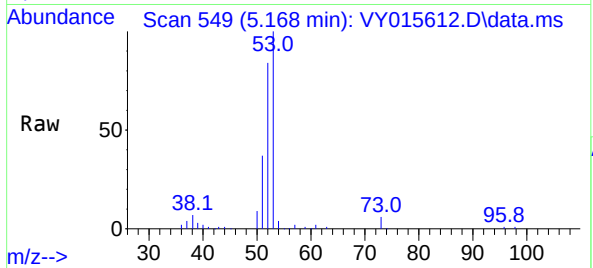




#15
Acrylonitrile
Concen: 131.027 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

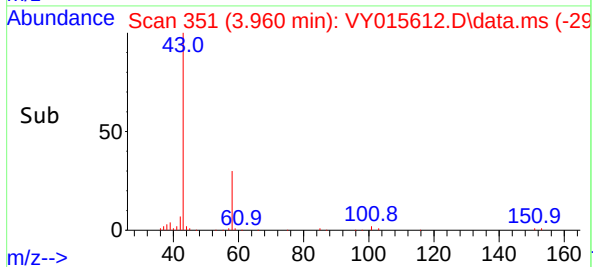
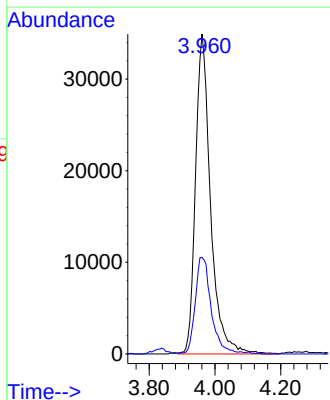
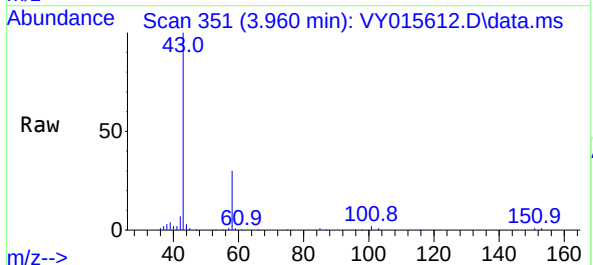
Instrument :
MSVOA_Y
ClientSampleId :

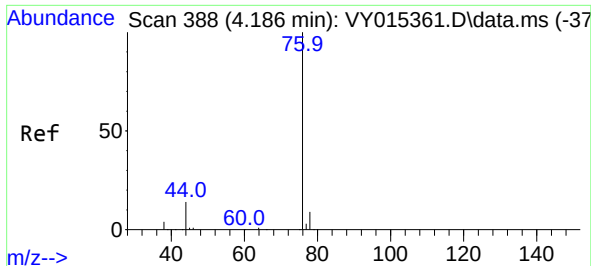
Tgt Ion:	53	Resp:	96949
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.9	100.3
51	36.0	29.8	44.6



#16
Acetone
Concen: 136.548 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:	43	Resp:	110601
Ion	Ratio	Lower	Upper
43	100		
58	30.1	22.7	34.1

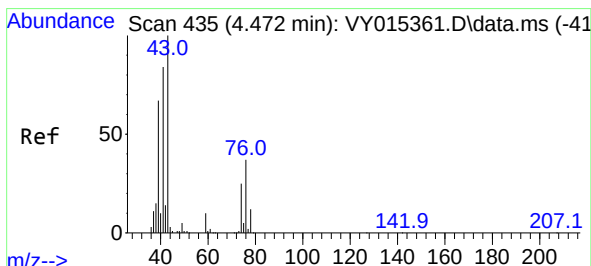
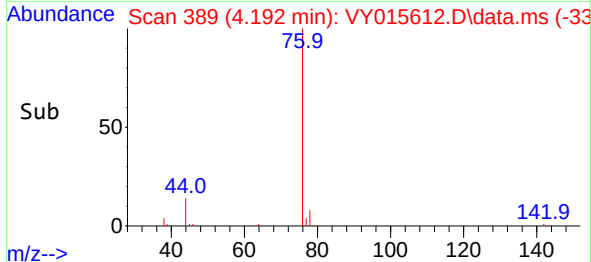
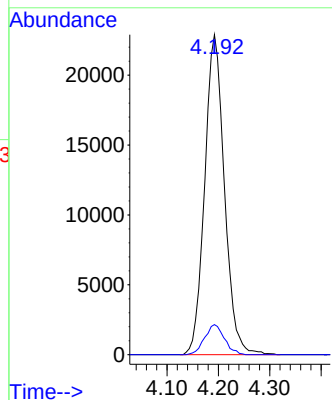
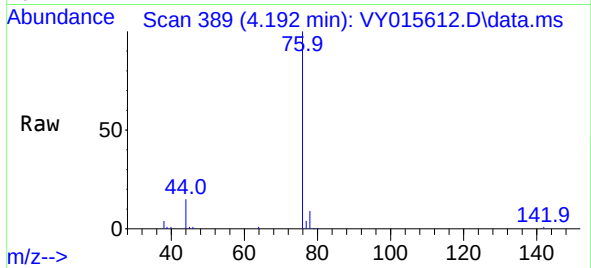




#17
Carbon Disulfide
Concen: 11.360 ug/l
RT: 4.192 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

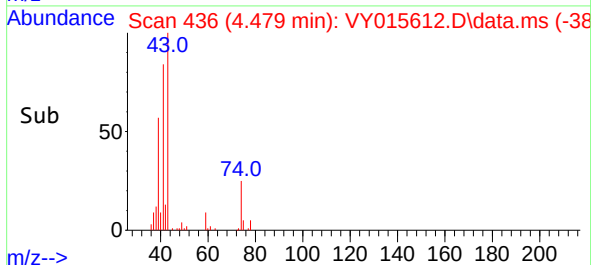
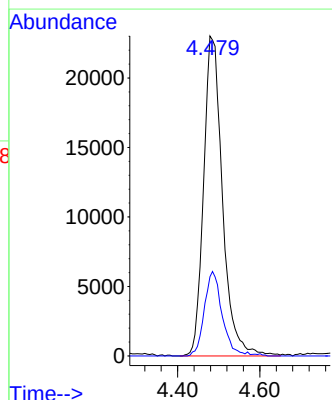
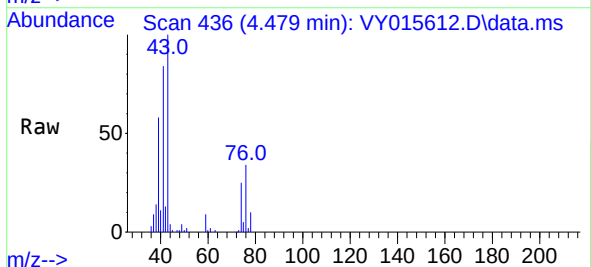
Instrument :
MSVOA_Y
ClientSampleId :

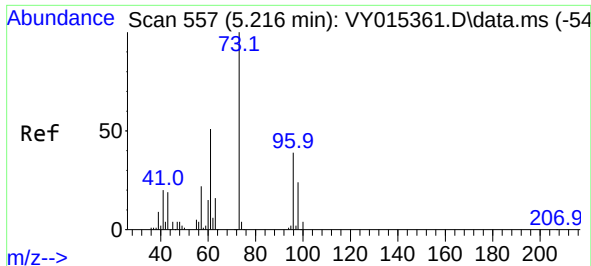
Tgt Ion: 76 Resp: 61114
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 25.000 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 43 Resp: 73343
Ion Ratio Lower Upper
43 100
74 25.0 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 24.241 ug/l

RT: 5.229 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

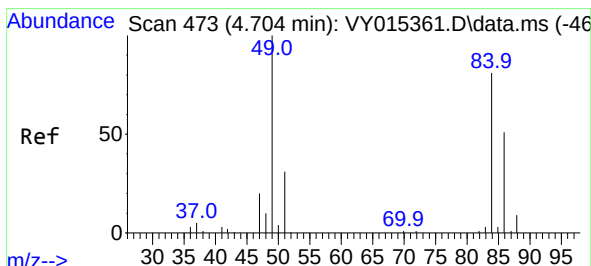
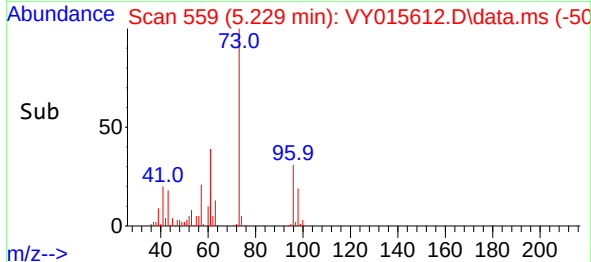
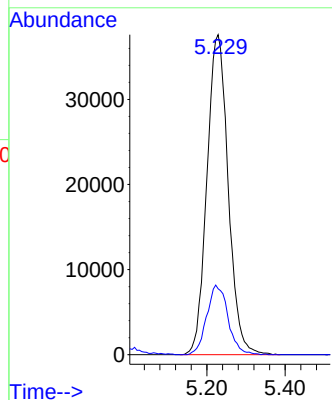
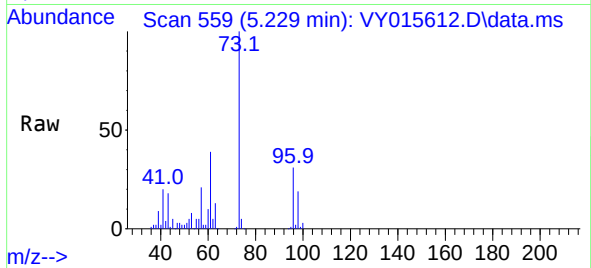
ClientSampleId :

Tgt Ion: 73 Resp: 141778

Ion Ratio Lower Upper

73 100

57 20.6 17.3 25.9



#20

Methylene Chloride

Concen: 20.250 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Tgt Ion: 84 Resp: 63388

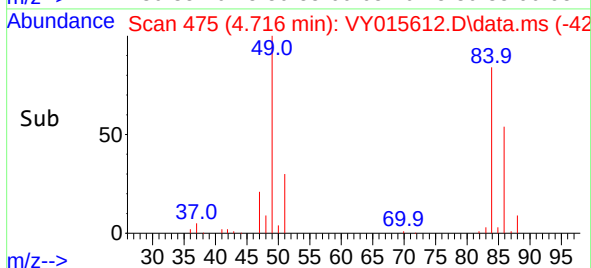
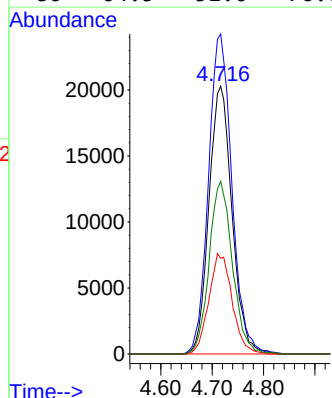
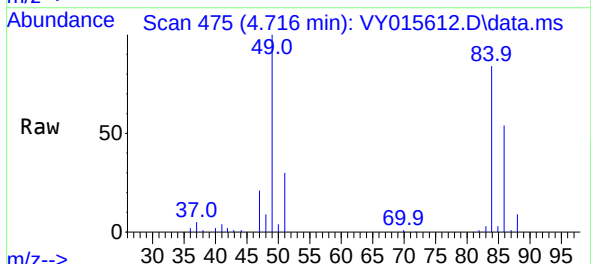
Ion Ratio Lower Upper

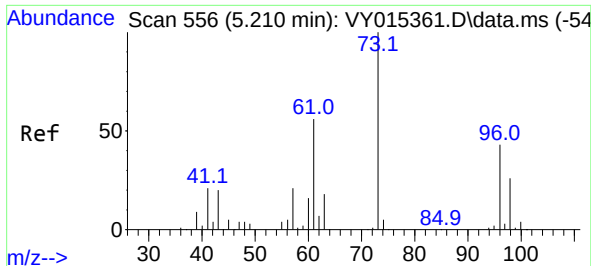
84 100

49 119.5 106.9 160.3

51 35.8 33.2 49.8

86 64.5 51.0 76.6

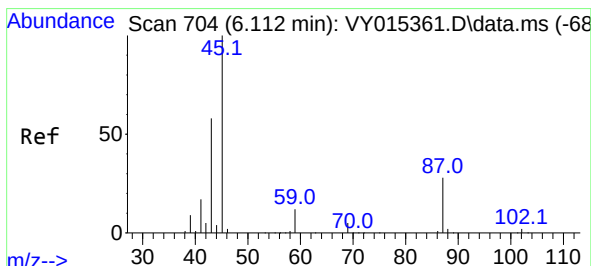
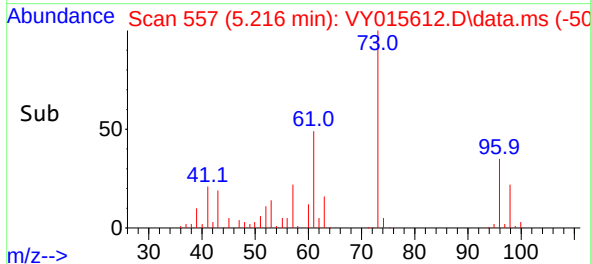
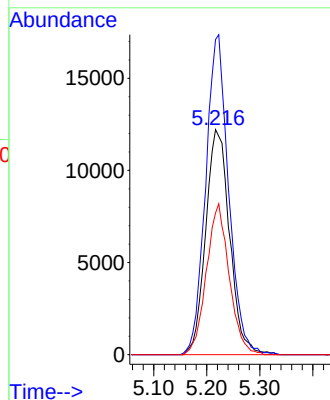
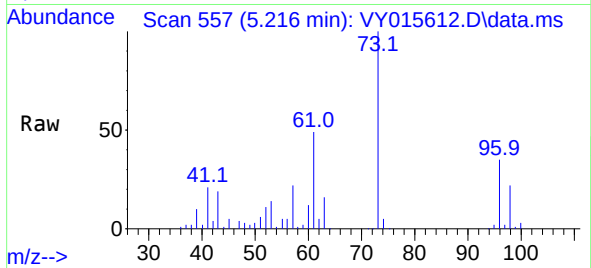




#21
trans-1,2-Dichloroethene
Concen: 18.555 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

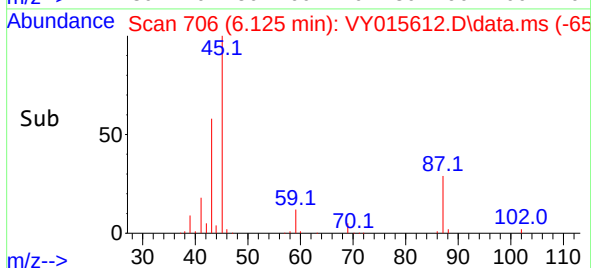
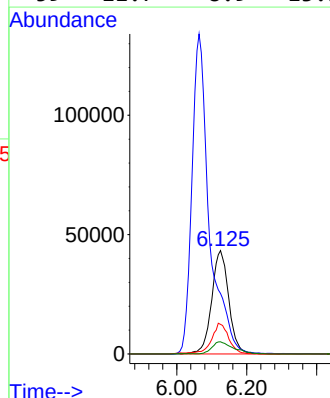
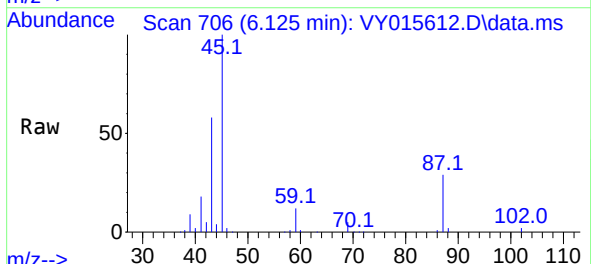
Instrument :
MSVOA_Y
ClientSampleId :

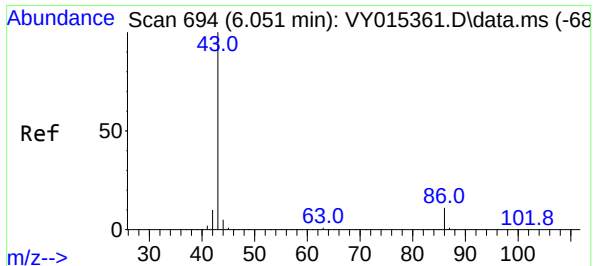
Tgt Ion: 96 Resp: 38450
Ion Ratio Lower Upper
96 100
61 140.0 110.2 165.4
98 62.9 51.8 77.6



#22
Diisopropyl ether
Concen: 23.452 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 45 Resp: 146955
Ion Ratio Lower Upper
45 100
43 58.2 52.2 78.4
87 28.7 21.0 31.6
59 11.7 8.9 13.3

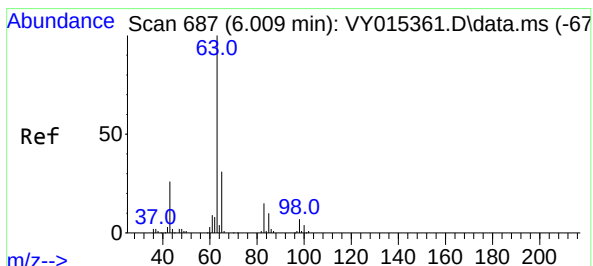
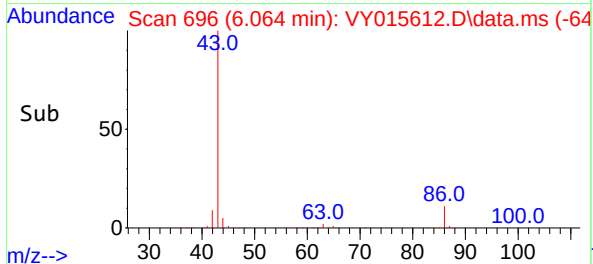
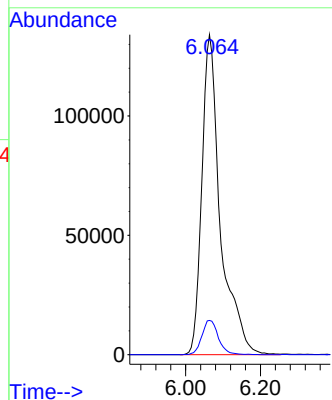
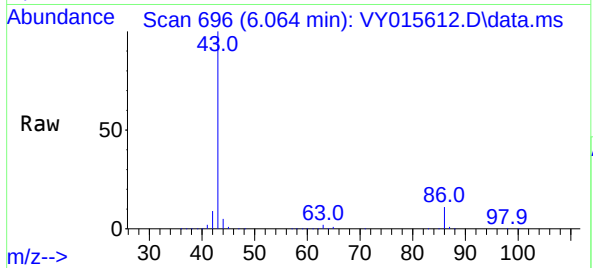




#23
 Vinyl Acetate
 Concen: 116.890 ug/l
 RT: 6.064 min Scan# 694
 Delta R.T. 0.012 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

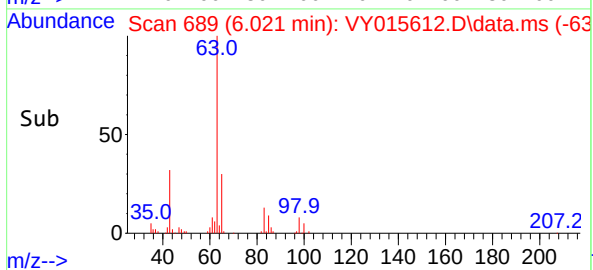
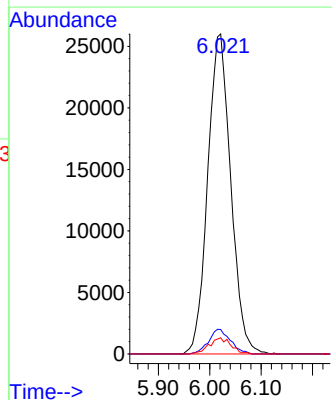
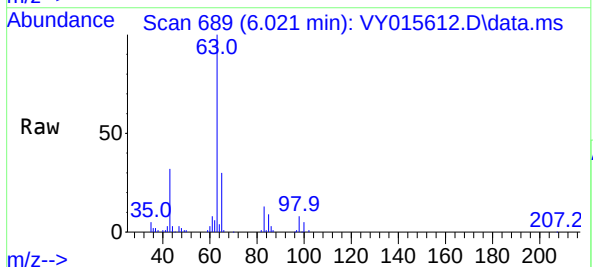
Instrument :
 MSVOA_Y
 ClientSampleId :

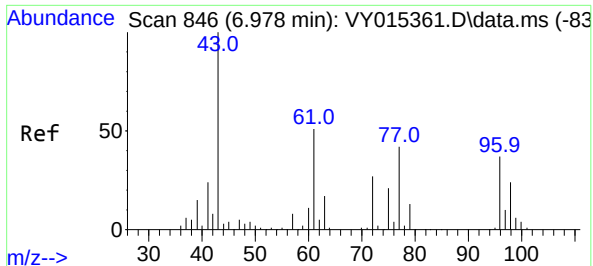
Tgt Ion: 43 Resp: 462456
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 22.332 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.018 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

Tgt Ion: 63 Resp: 80892
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.0 1.8 5.5

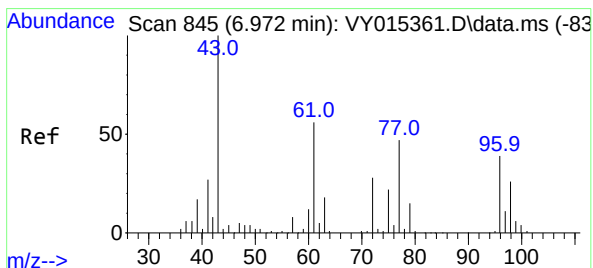
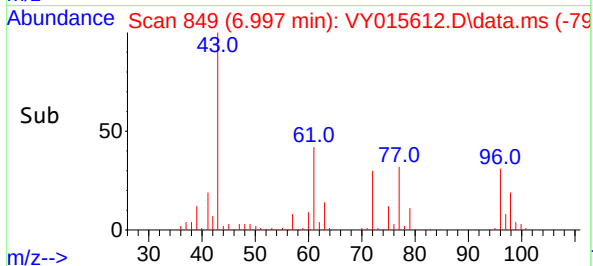
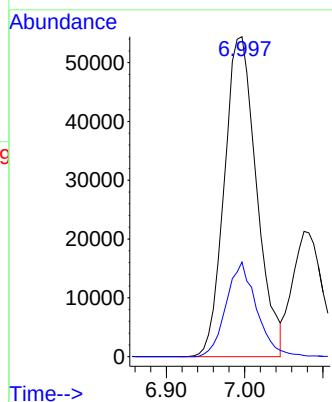
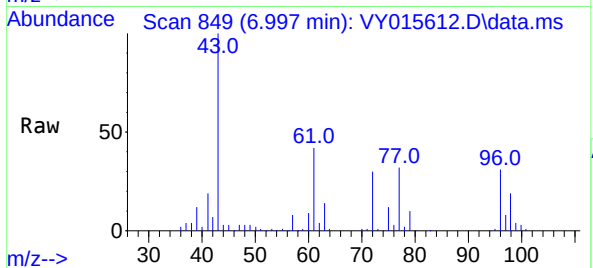




#25
2-Butanone
Concen: 135.596 ug/l
RT: 6.997 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

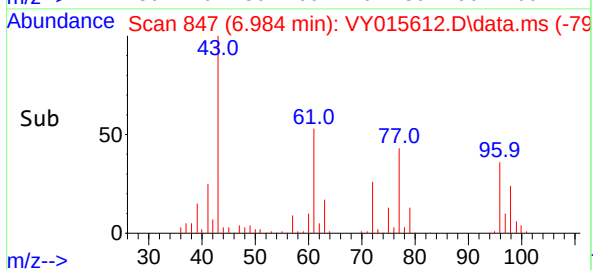
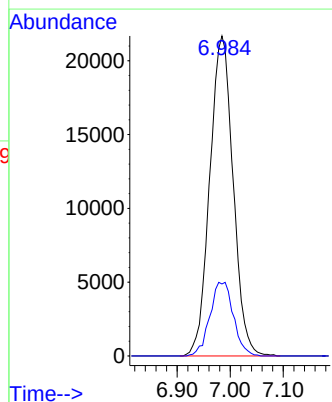
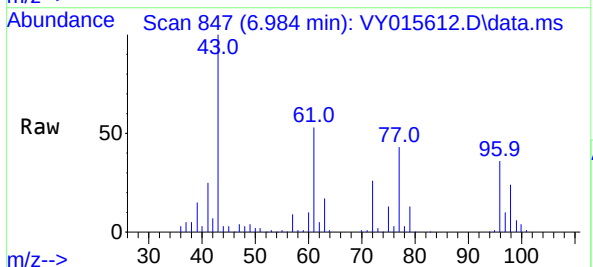
Instrument :
MSVOA_Y
ClientSampleId :

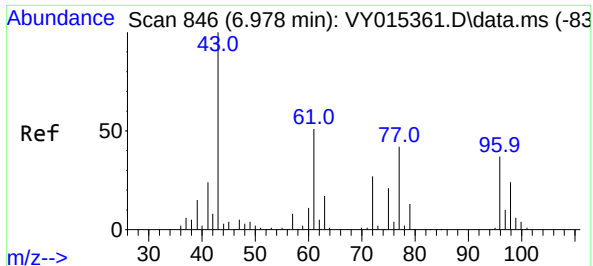
Tgt Ion: 43 Resp: 155775
Ion Ratio Lower Upper
43 100
72 29.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.545 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

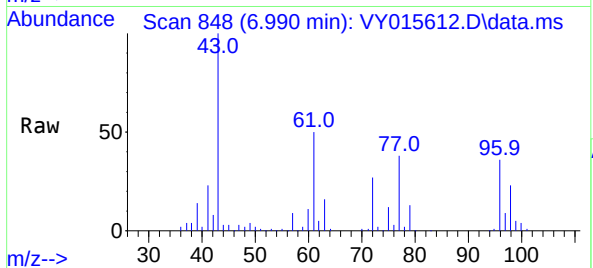
Tgt Ion: 77 Resp: 66284
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9



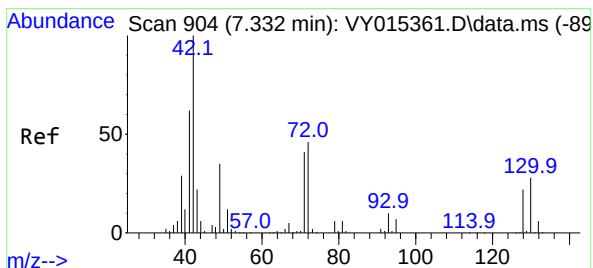
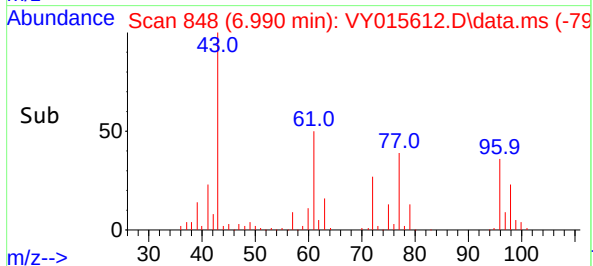
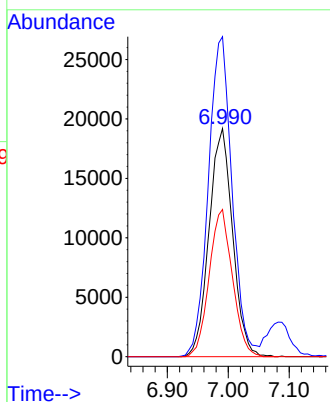


#27
cis-1,2-Dichloroethene
Concen: 21.934 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

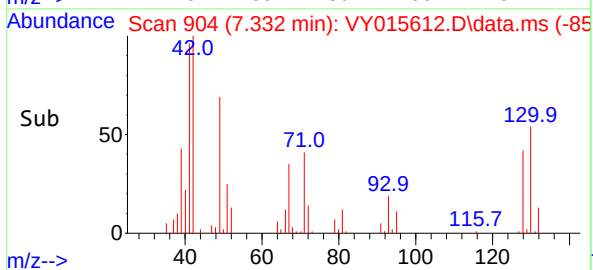
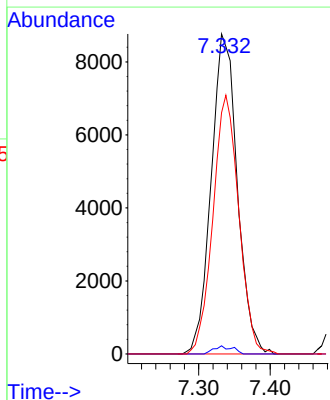
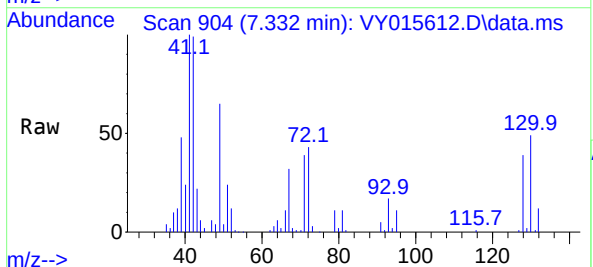


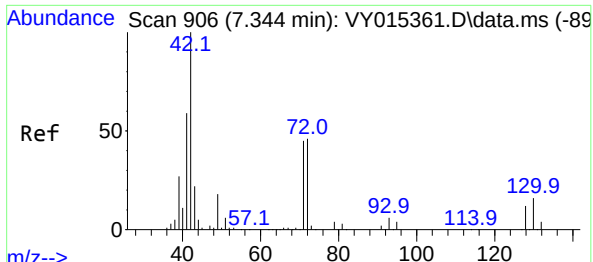
Tgt Ion: 96 Resp: 51561
Ion Ratio Lower Upper
96 100
61 141.4 0.0 301.4
98 63.6 0.0 130.4



#28
Bromochloromethane
Concen: 20.031 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 49 Resp: 22251
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.6
130 79.9 60.7 91.1

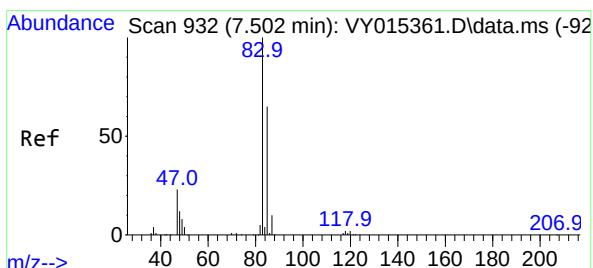
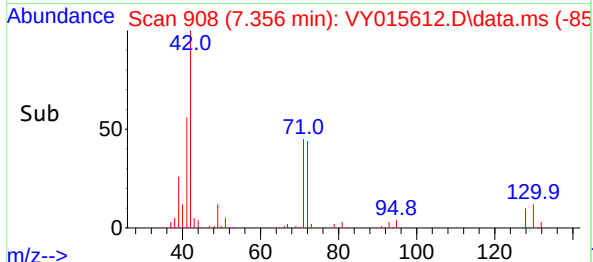
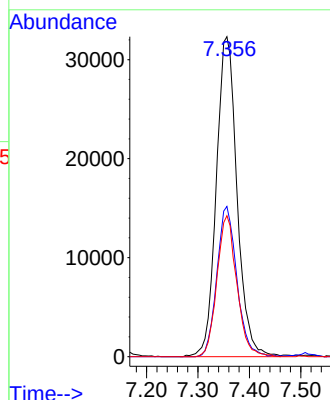
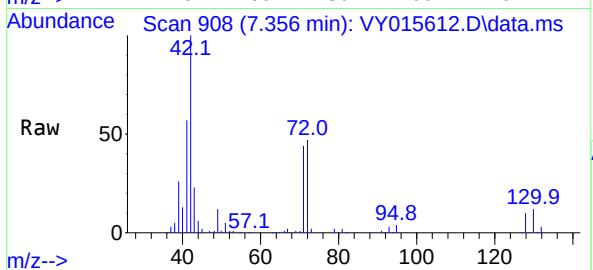




#29
Tetrahydrofuran
Concen: 125.442 ug/l
RT: 7.356 min Scan# 906
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

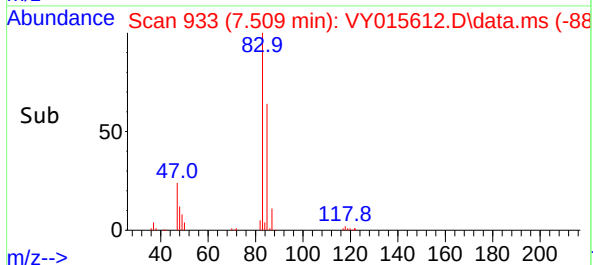
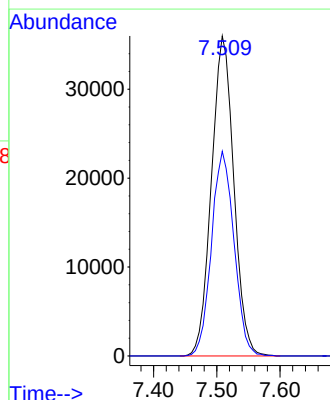
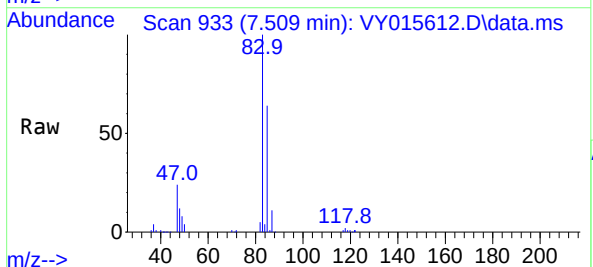
Instrument :
MSVOA_Y
ClientSampleId :

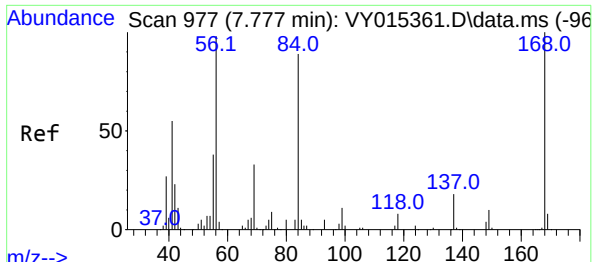
Tgt Ion:	42	Resp:	90497
Ion	Ratio	Lower	Upper
42	100		
72	45.2	32.8	49.2
71	42.2	31.0	46.4



#30
Chloroform
Concen: 23.173 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

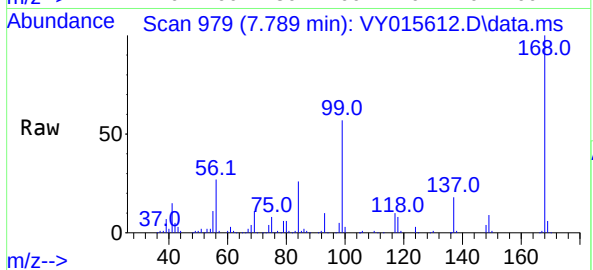
Tgt Ion:	83	Resp:	88240
Ion	Ratio	Lower	Upper
83	100		
85	64.0	49.7	74.5



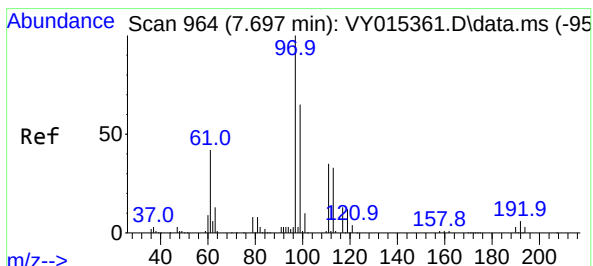
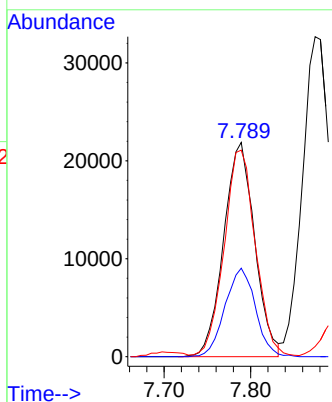
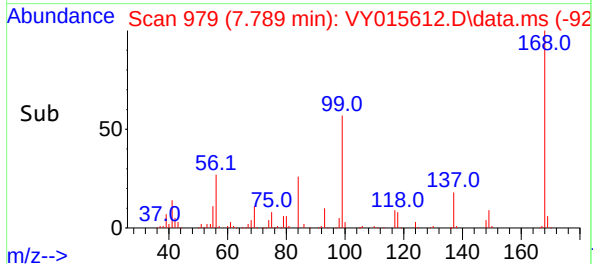


#31
Cyclohexane
Concen: 15.758 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

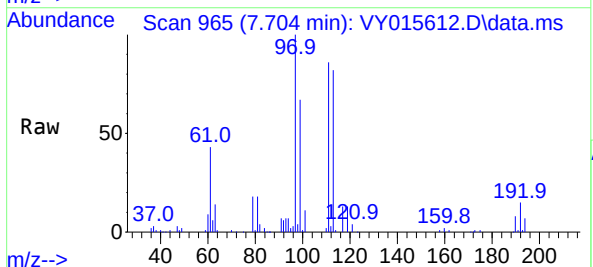
Instrument :
MSVOA_Y
ClientSampleId :



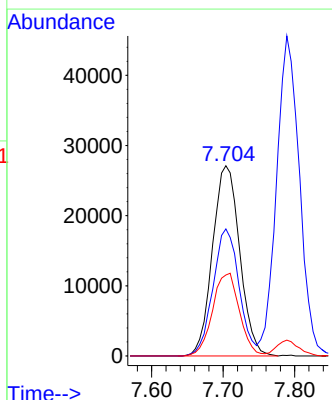
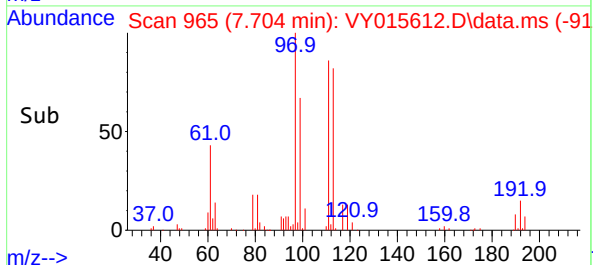
Tgt Ion: 56 Resp: 54320
Ion Ratio Lower Upper
56 100
69 41.3 27.8 41.6
84 94.7 66.4 99.6

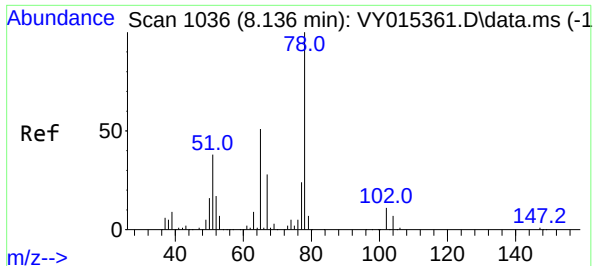


#32
1,1,1-Trichloroethane
Concen: 21.071 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54



Tgt Ion: 97 Resp: 71667
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 43.1 35.1 52.7

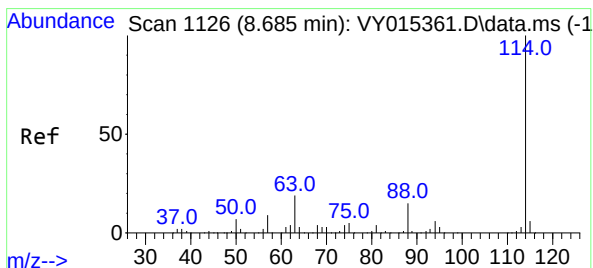
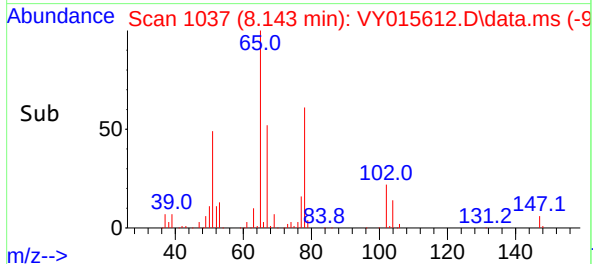
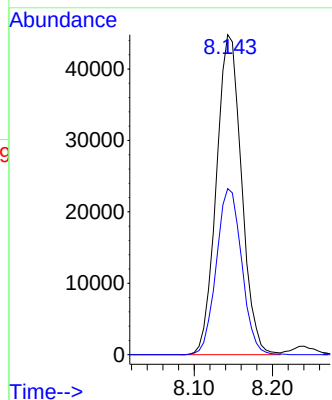
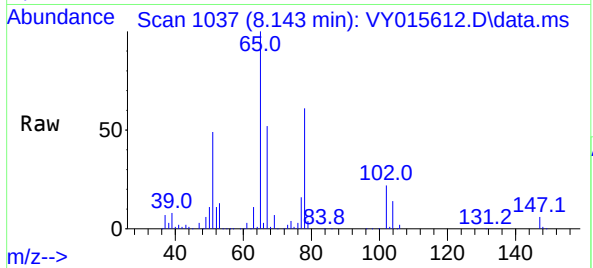




#33
1,2-Dichloroethane-d4
Concen: 51.651 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

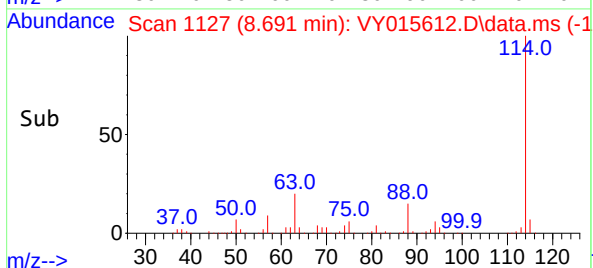
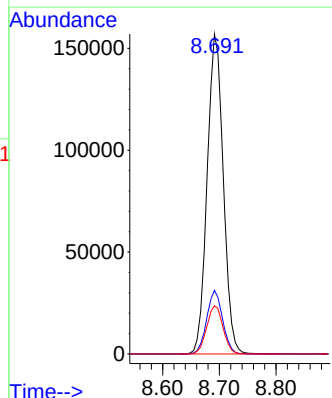
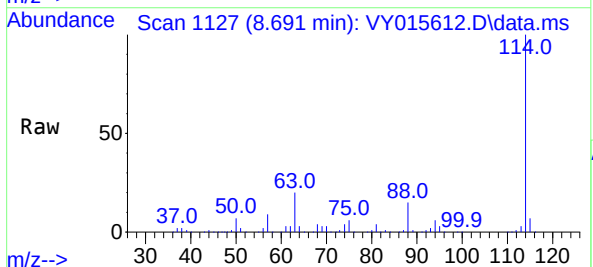
Instrument :
MSVOA_Y
ClientSampleId :

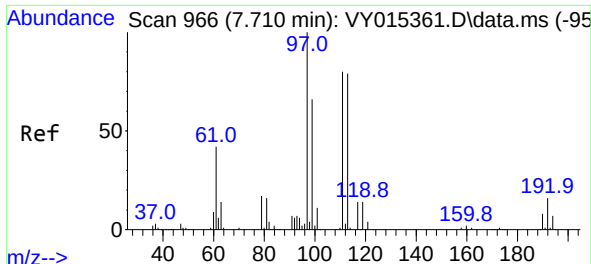
Tgt Ion: 65 Resp: 100231
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 114 Resp: 311070
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 15.1 0.0 30.6

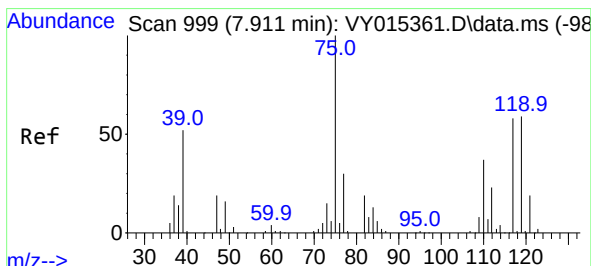
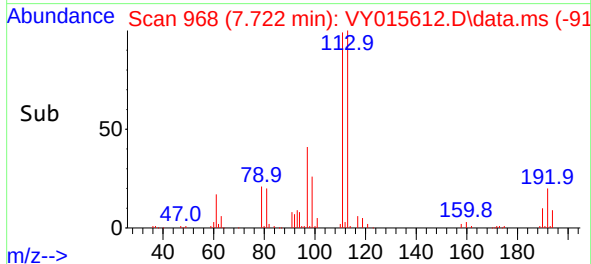
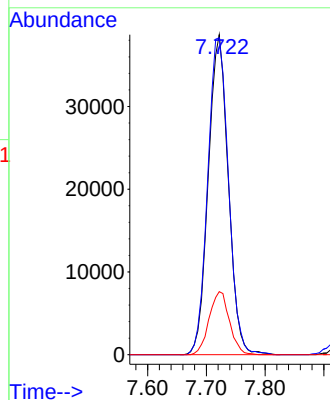
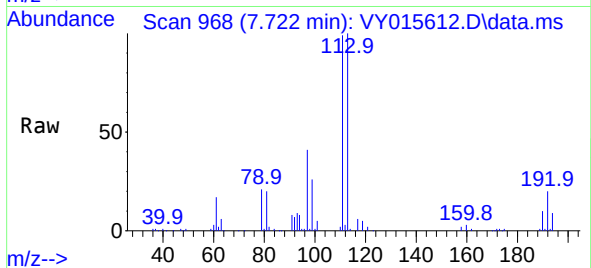




#35
Dibromofluoromethane
Concen: 51.064 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

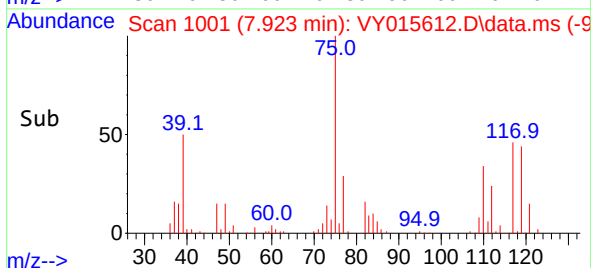
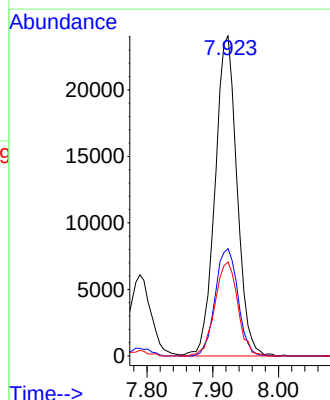
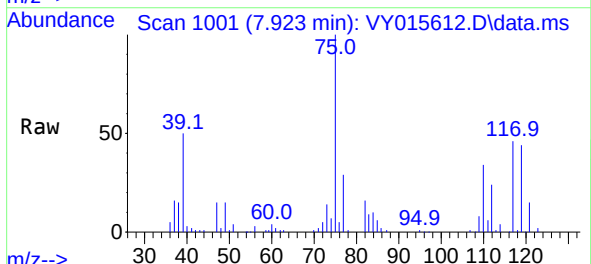
Instrument :
MSVOA_Y
ClientSampleId :

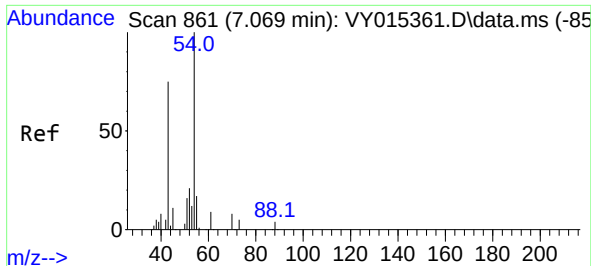
Tgt Ion:113 Resp: 91492
Ion Ratio Lower Upper
113 100
111 103.0 81.3 121.9
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.755 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

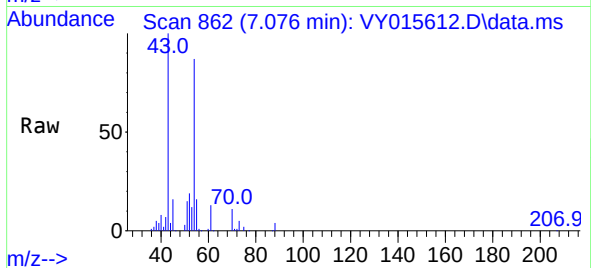
Tgt Ion: 75 Resp: 55858
Ion Ratio Lower Upper
75 100
110 34.7 17.8 53.5
77 30.6 24.4 36.6



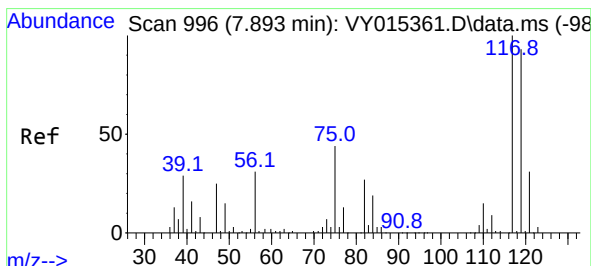
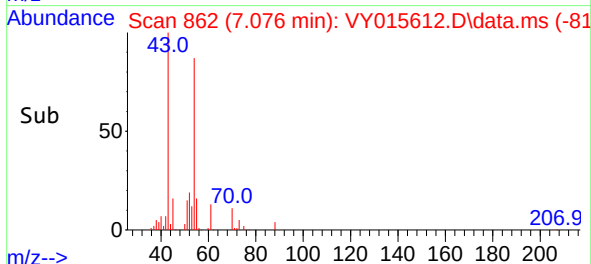
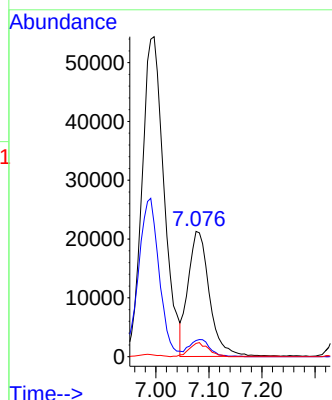


#37
Ethyl Acetate
Concen: 24.442 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

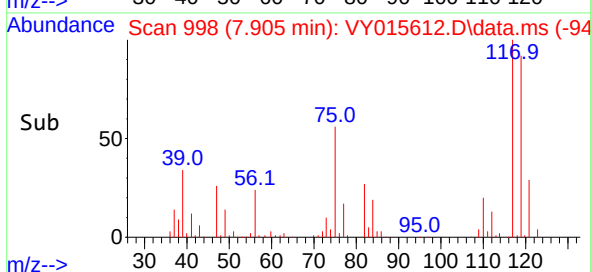
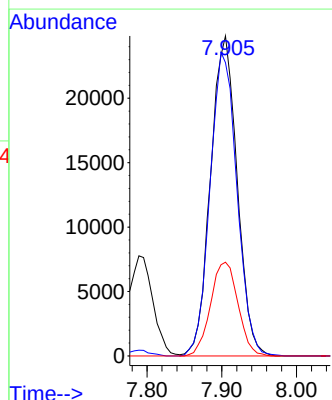
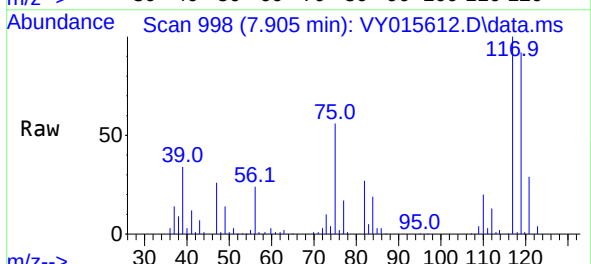


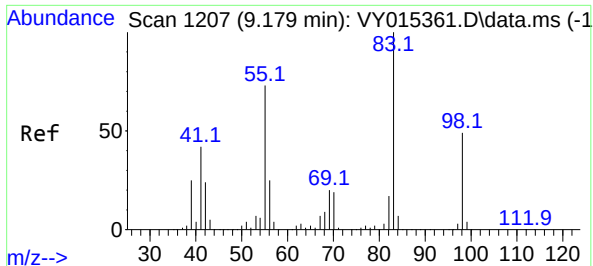
Tgt Ion: 43 Resp: 59306
Ion Ratio Lower Upper
43 100
61 12.5 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 18.865 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 117 Resp: 61297
Ion Ratio Lower Upper
117 100
119 91.7 76.4 114.6
121 29.3 25.8 38.6





#39

Methylcyclohexane

Concen: 15.084 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

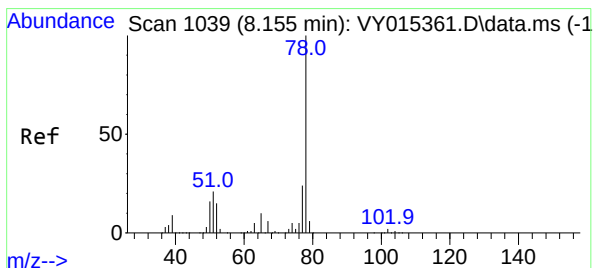
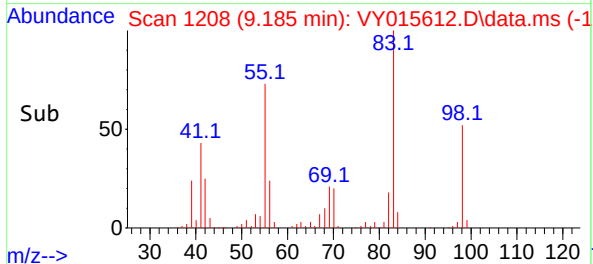
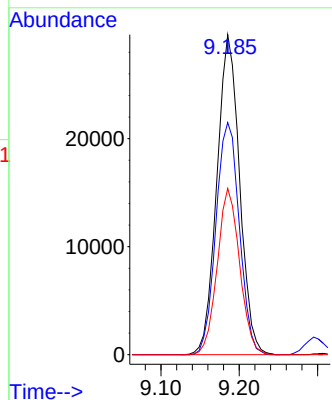
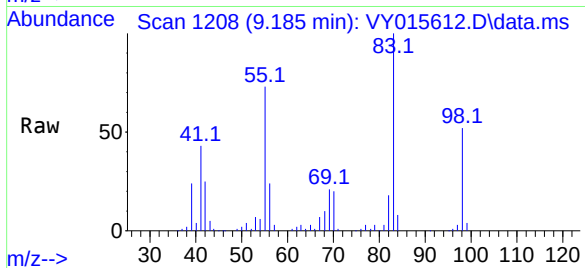
Tgt Ion: 83 Resp: 59744

Ion Ratio Lower Upper

83 100

55 72.5 63.0 94.4

98 51.9 37.4 56.2



#40

Benzene

Concen: 19.829 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015612.D

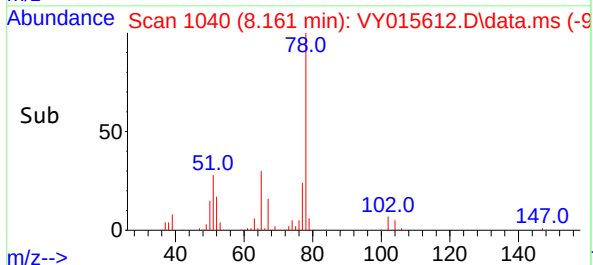
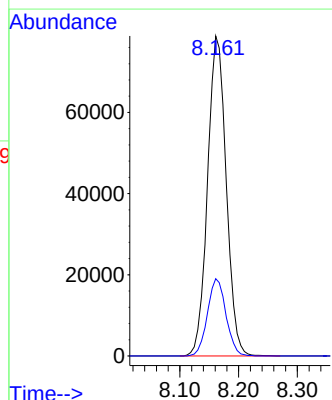
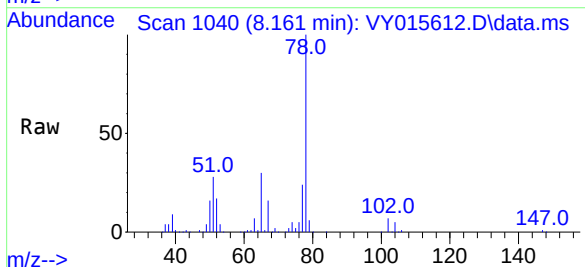
Acq: 18 Sep 2023 13:54

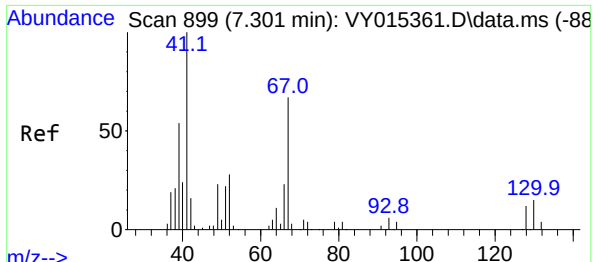
Tgt Ion: 78 Resp: 174047

Ion Ratio Lower Upper

78 100

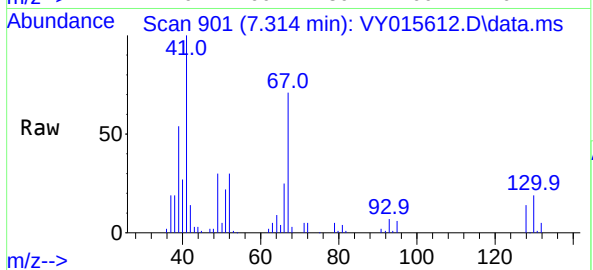
77 24.2 19.0 28.6





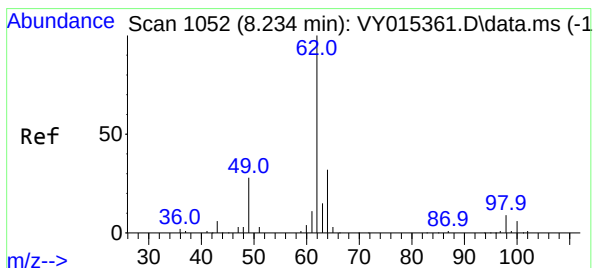
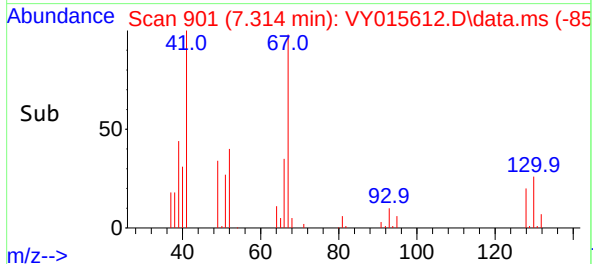
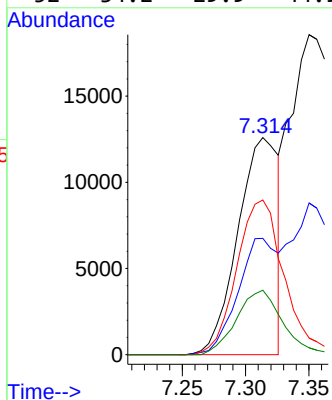
#41
Methacrylonitrile
Concen: 24.719 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 41 Resp: 28126

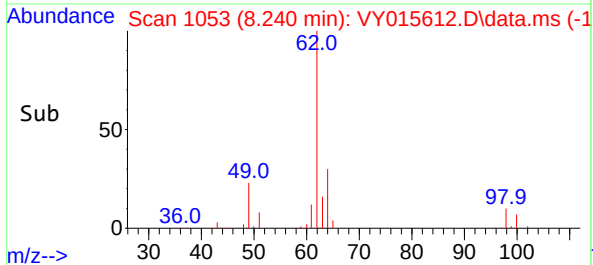
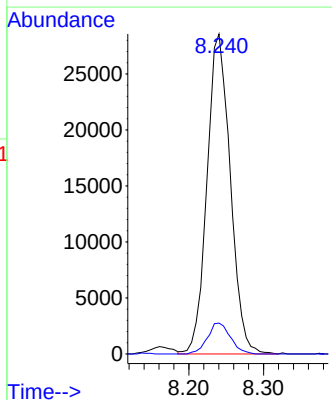
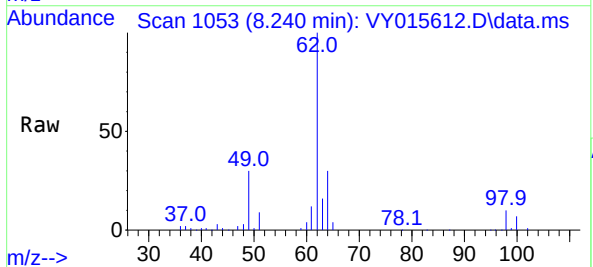
Ion	Ratio	Lower	Upper
41	100		
39	52.4	52.1	78.1
67	83.2	66.2	99.2
52	34.2	29.9	44.9

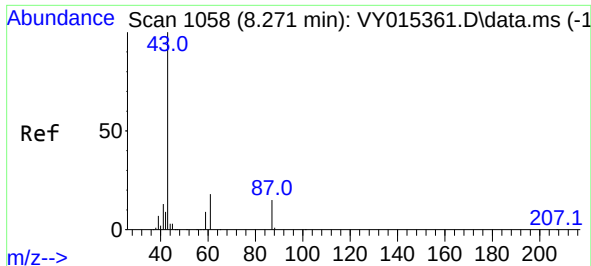


#42
1,2-Dichloroethane
Concen: 21.124 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 62 Resp: 61827

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8





#43

Isopropyl Acetate

Concen: 23.785 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.012 min

Lab File: VY015612.D

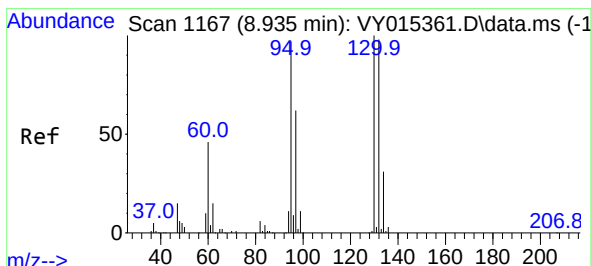
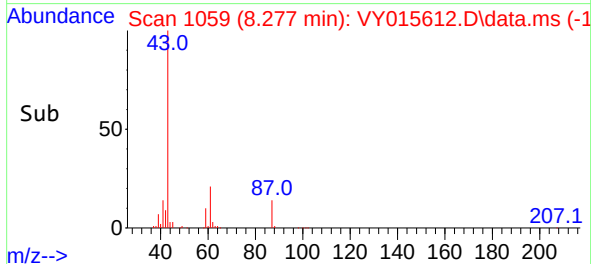
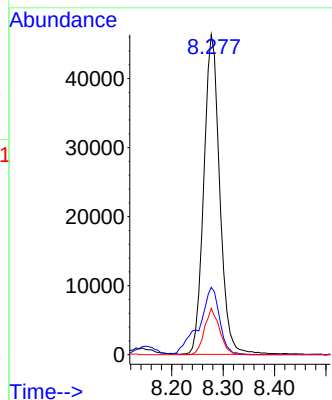
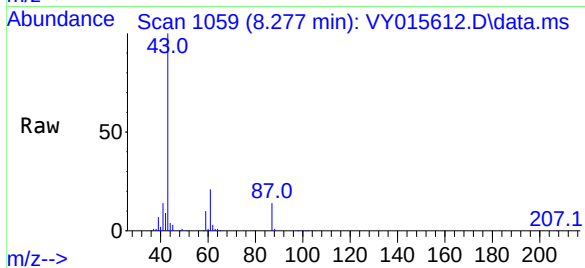
Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 99797
Ion Ratio	Lower Upper
43 100	
61 27.1	21.1 31.7
87 13.7	9.8 14.8



#44

Trichloroethene

Concen: 20.123 ug/l

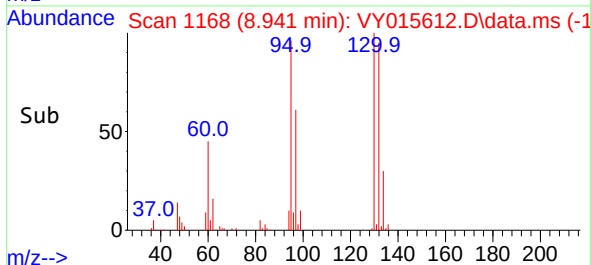
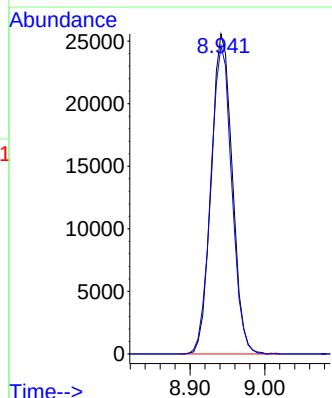
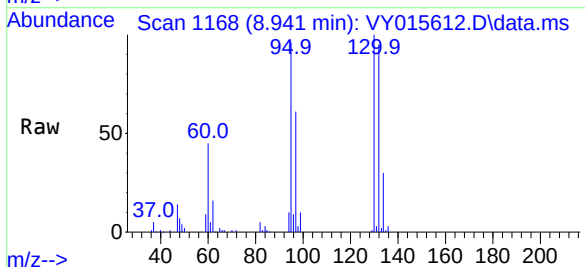
RT: 8.941 min Scan# 1168

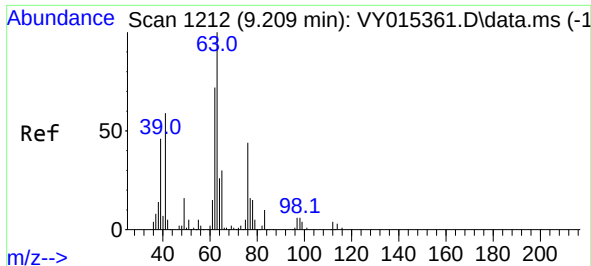
Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Tgt Ion: 130	Resp: 49973
Ion Ratio	Lower Upper
130 100	
95 96.4	0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.959 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

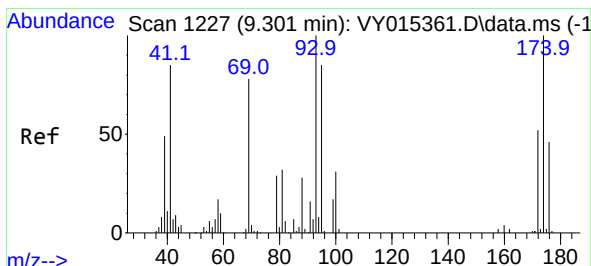
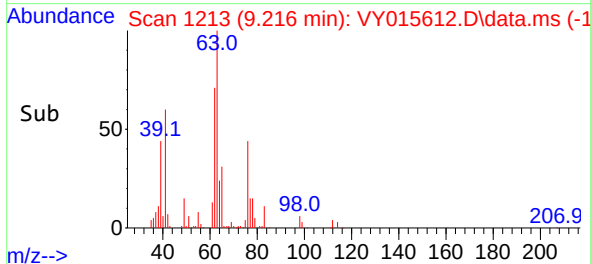
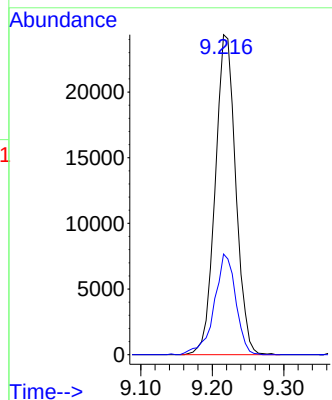
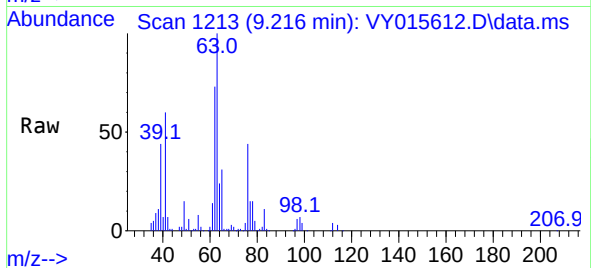
ClientSampleId :

Tgt Ion: 63 Resp: 48589

Ion Ratio Lower Upper

63 100

65 31.4 23.8 35.6



#46

Dibromomethane

Concen: 21.401 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

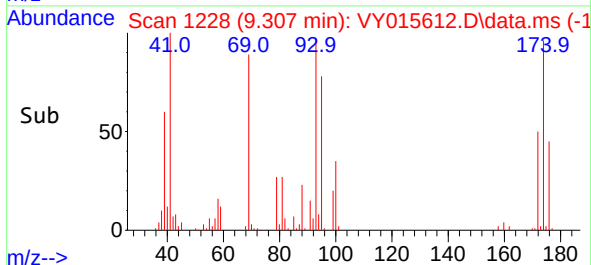
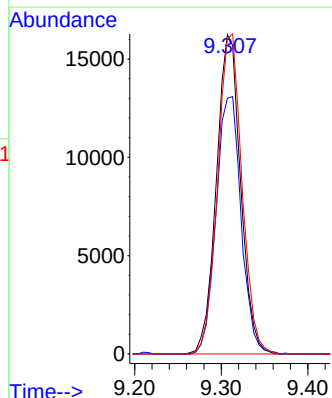
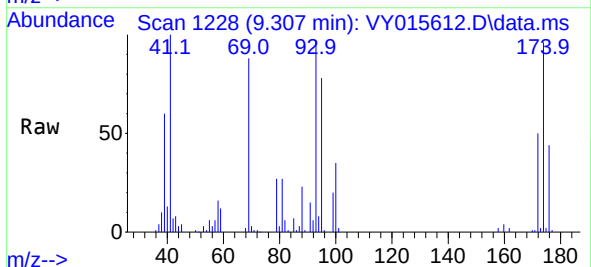
Tgt Ion: 93 Resp: 31455

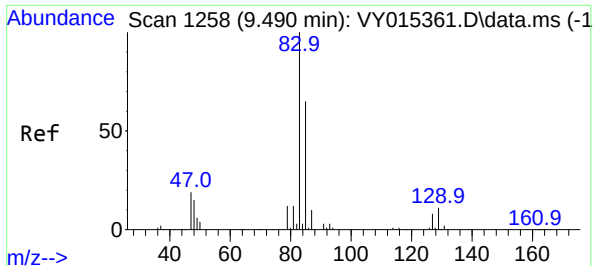
Ion Ratio Lower Upper

93 100

95 83.6 66.6 100.0

174 100.8 84.8 127.2

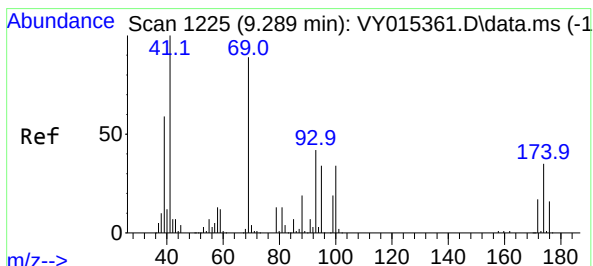
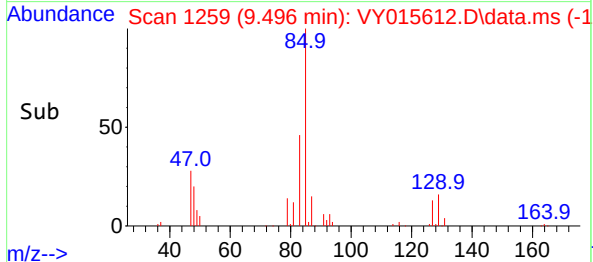
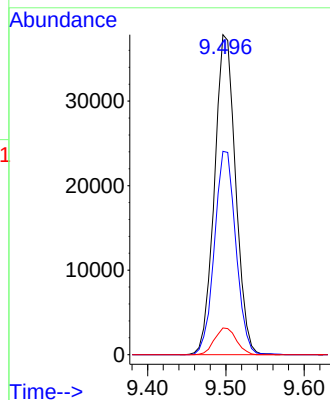
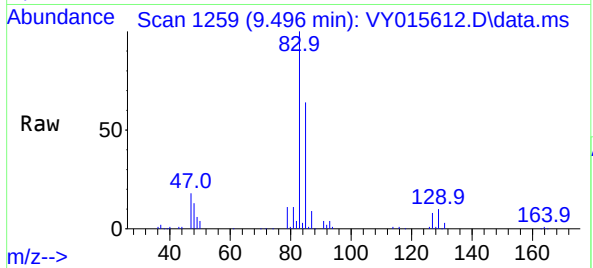




#47
Bromodichloromethane
Concen: 22.574 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

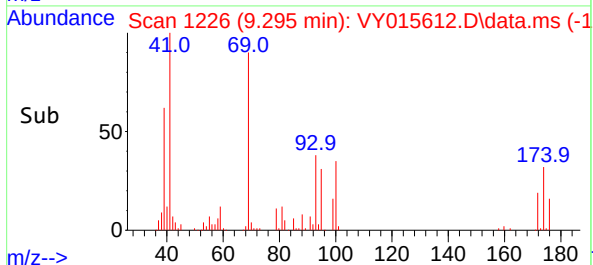
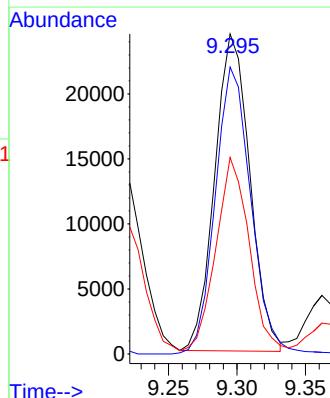
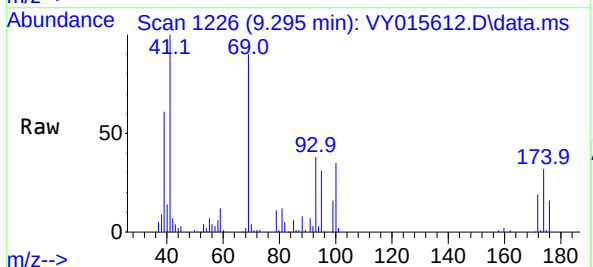
Instrument :
MSVOA_Y
ClientSampleId :

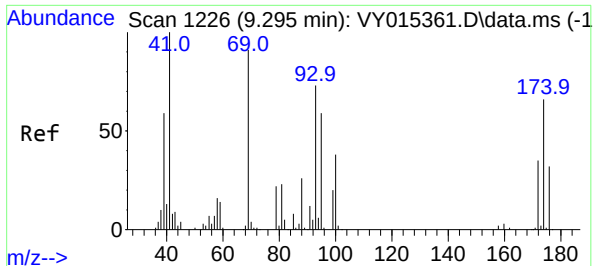
Tgt Ion: 83 Resp: 70954
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.3 7.1 10.7



#48
Methyl methacrylate
Concen: 22.583 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 41 Resp: 43474
Ion Ratio Lower Upper
41 100
69 92.1 64.5 96.7
39 59.7 50.8 76.2





#49

1,4-Dioxane

Concen: 479.145 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

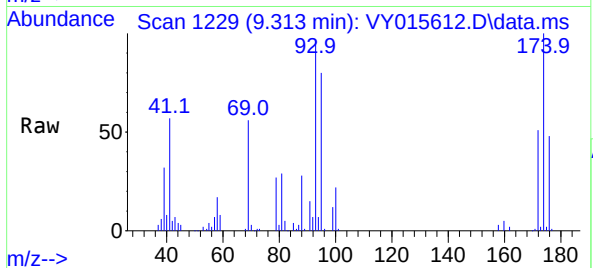
Tgt Ion: 88 Resp: 13081

Ion Ratio Lower Upper

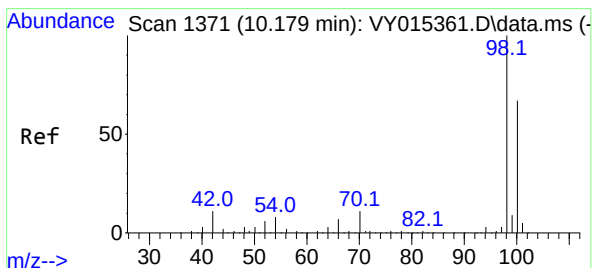
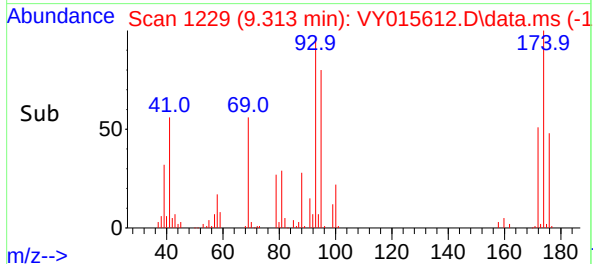
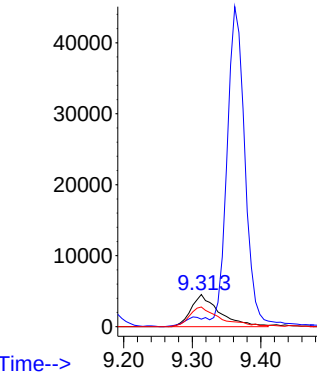
88 100

43 0.0 0.0 0.0

58 67.6 30.9 46.3#



Abundance



#50

Toluene-d8

Concen: 45.494 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015612.D

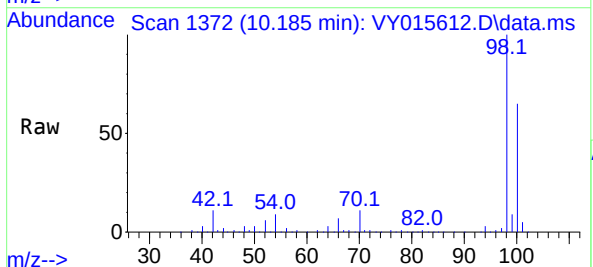
Acq: 18 Sep 2023 13:54

Tgt Ion: 98 Resp: 295185

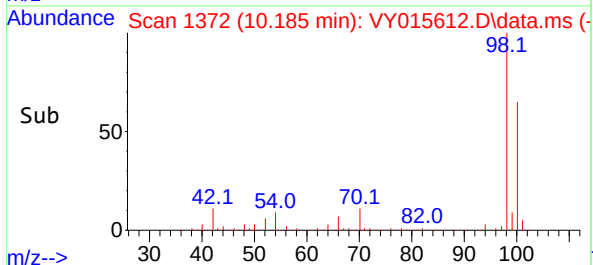
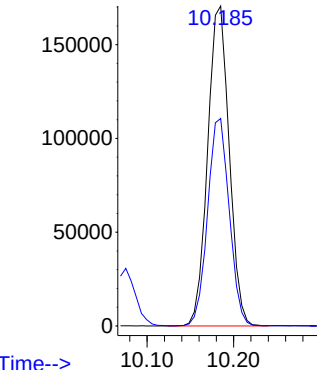
Ion Ratio Lower Upper

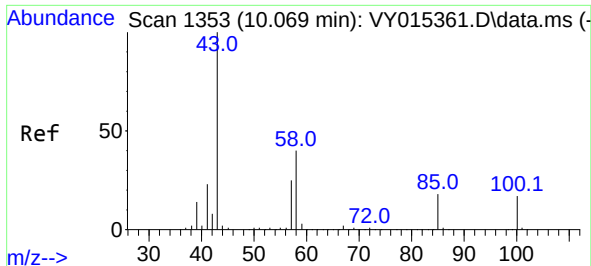
98 100

100 65.3 50.1 75.1



Abundance





#51

4-Methyl-2-Pentanone

Concen: 126.559 ug/l

RT: 10.075 min Scan# 1353

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

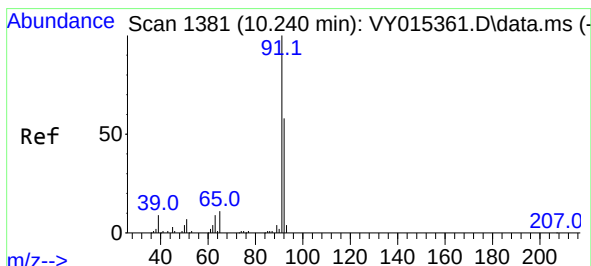
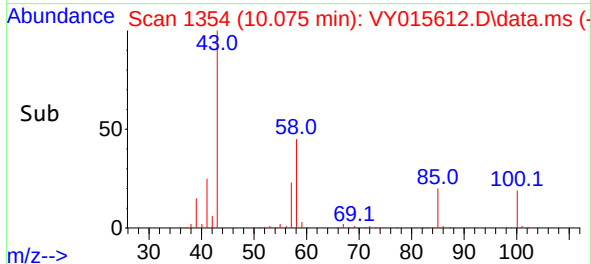
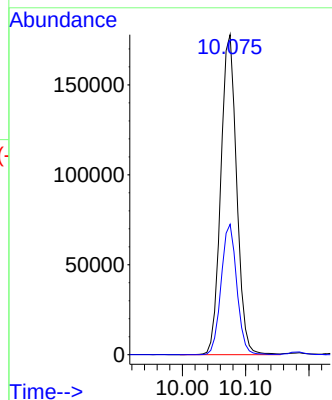
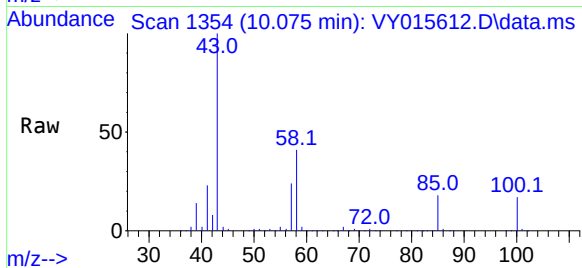
ClientSampleId :

Tgt Ion: 43 Resp: 308632

Ion Ratio Lower Upper

43 100

58 40.1 29.0 43.6



#52

Toluene

Concen: 20.060 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015612.D

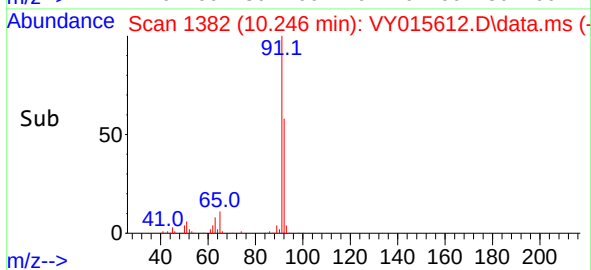
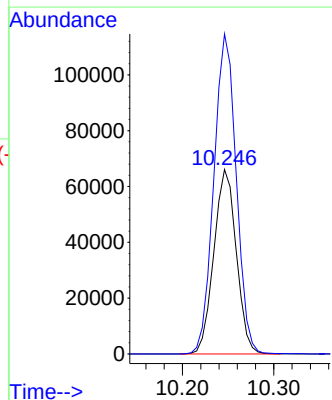
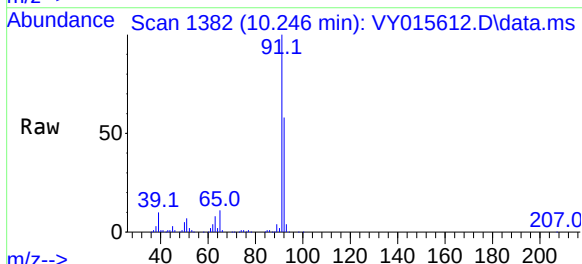
Acq: 18 Sep 2023 13:54

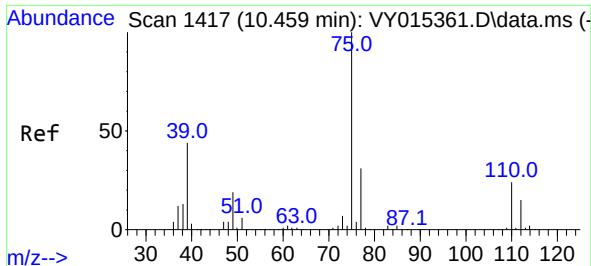
Tgt Ion: 92 Resp: 112855

Ion Ratio Lower Upper

92 100

91 173.3 143.8 215.6

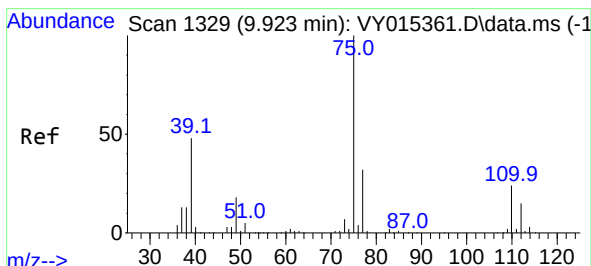
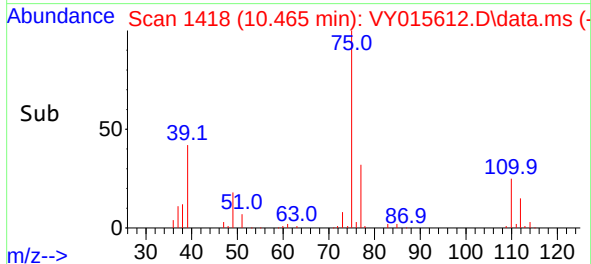
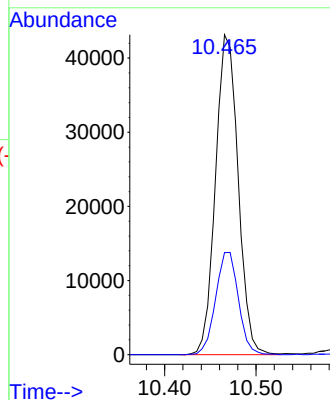
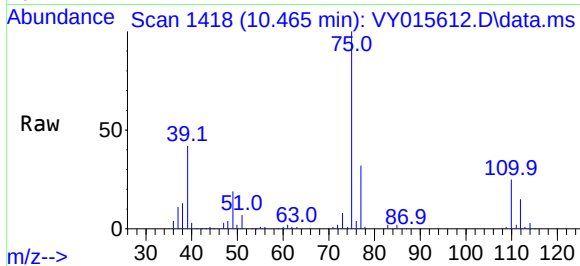




#53
 t-1,3-Dichloropropene
 Concen: 22.246 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

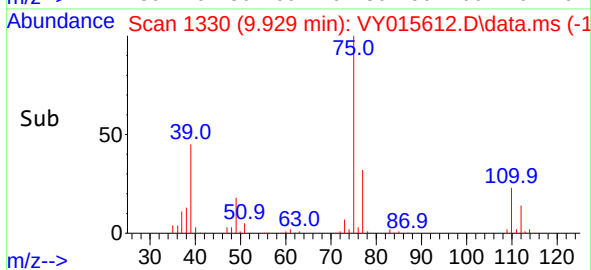
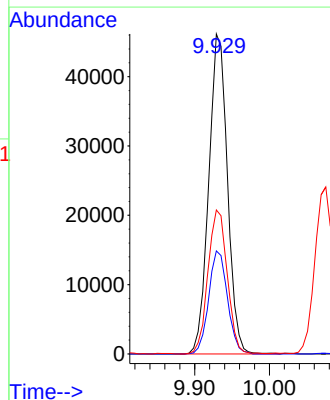
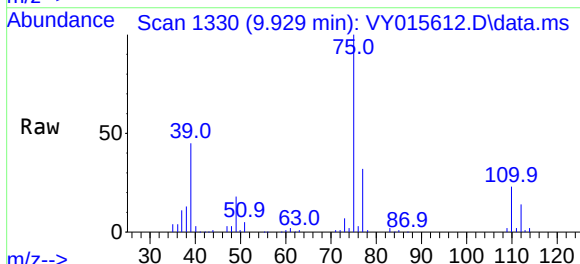
Instrument :
 MSVOA_Y
 ClientSampleId :

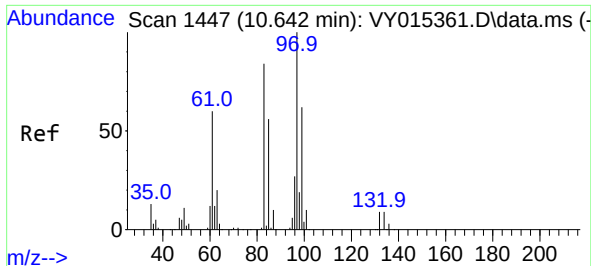
Tgt Ion: 75 Resp: 74312
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 22.096 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

Tgt Ion: 75 Resp: 80292
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 45.0 42.2 63.4

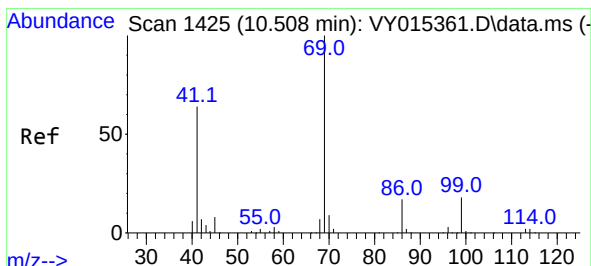
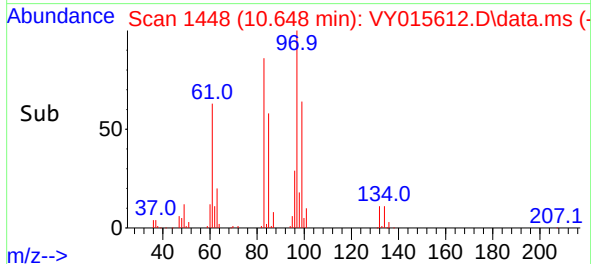
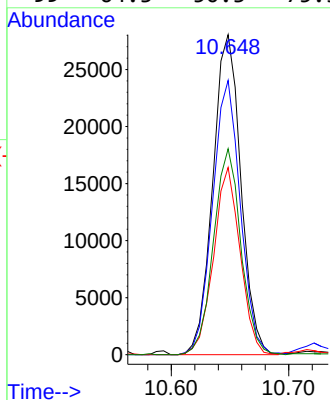
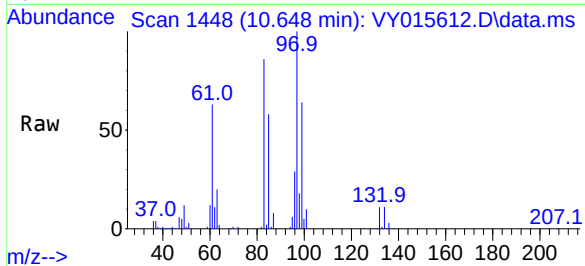




#55
1,1,2-Trichloroethane
Concen: 23.508 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

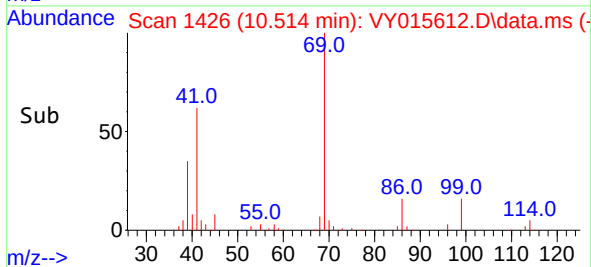
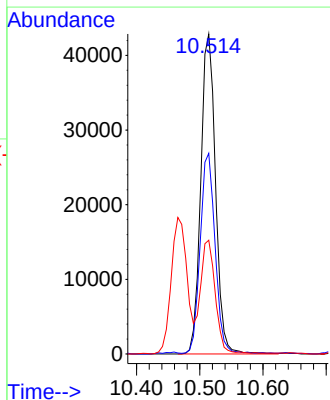
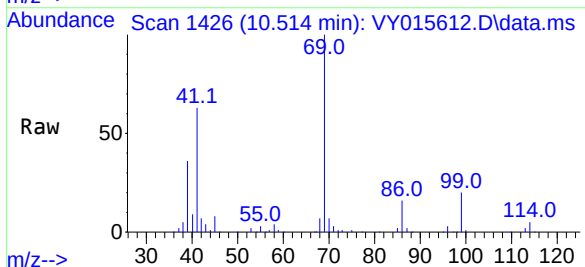
Instrument :
MSVOA_Y
ClientSampleId :

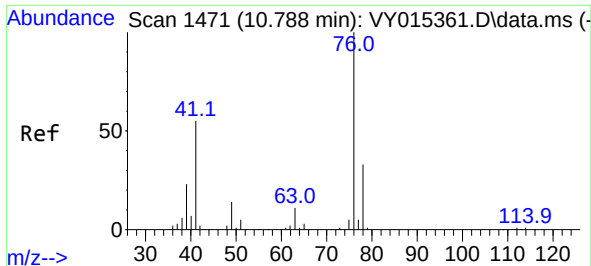
Tgt Ion:	97	Resp:	46555
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	58.5	45.4	68.0
99	64.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 23.765 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:	69	Resp:	69743
Ion	Ratio	Lower	Upper
69	100		
41	63.0	57.6	86.4
39	35.4	34.1	51.1

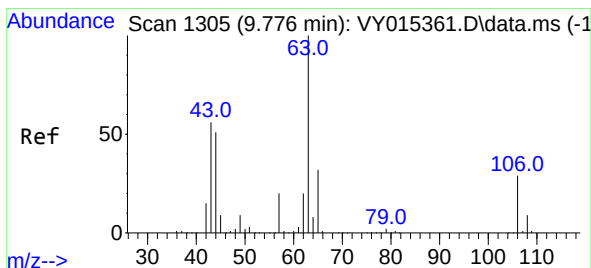
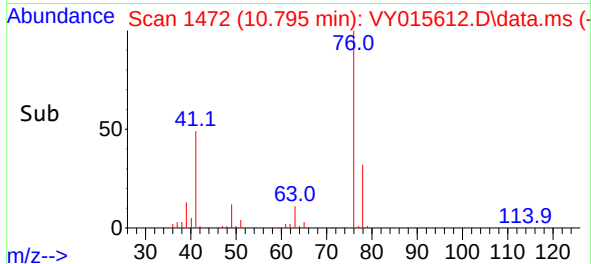
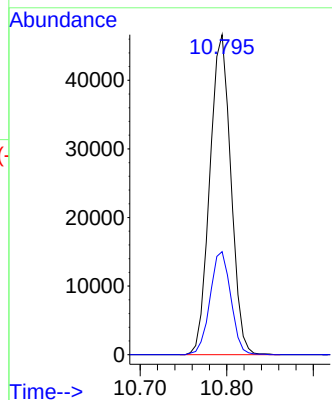
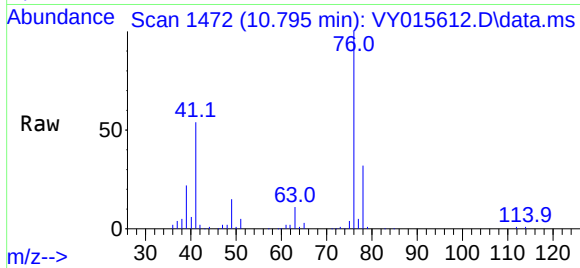




#57
1,3-Dichloropropane
Concen: 23.097 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

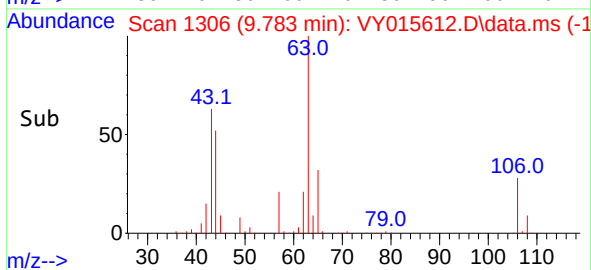
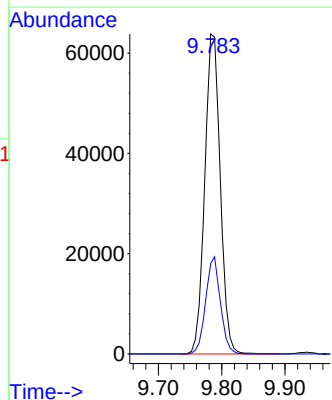
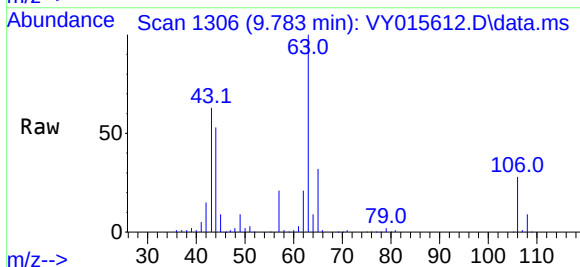
Instrument :
MSVOA_Y
ClientSampleId :

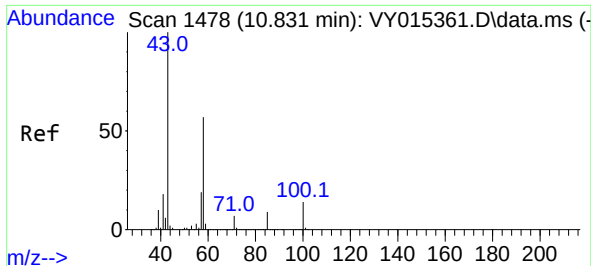
Tgt Ion: 76 Resp: 78738
Ion Ratio Lower Upper
76 100
78 31.9 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 104.091 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 63 Resp: 109037
Ion Ratio Lower Upper
63 100
106 28.8 21.2 31.8

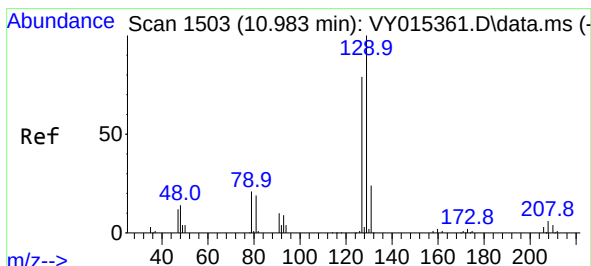
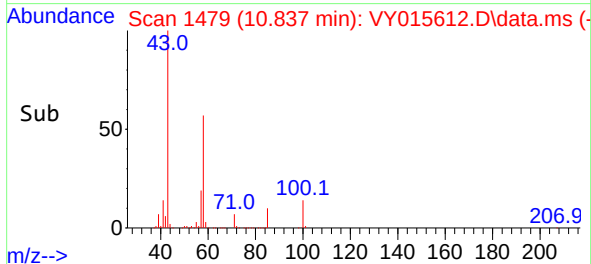
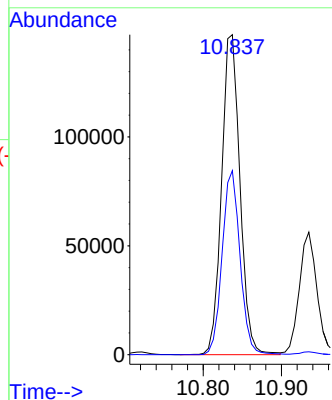
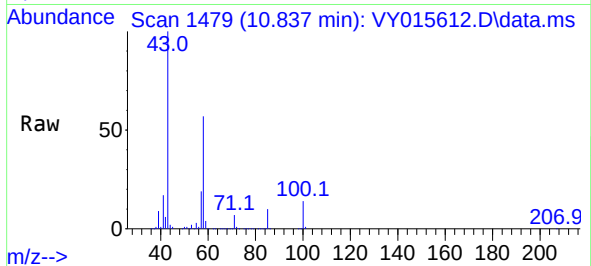




#59
2-Hexanone
Concen: 131.101 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

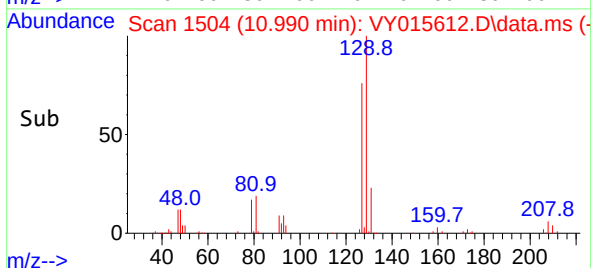
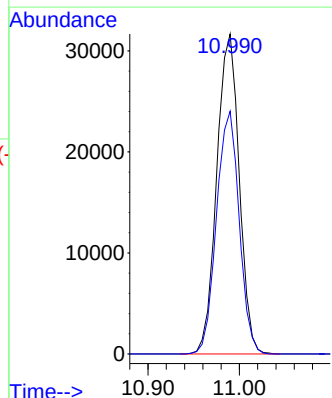
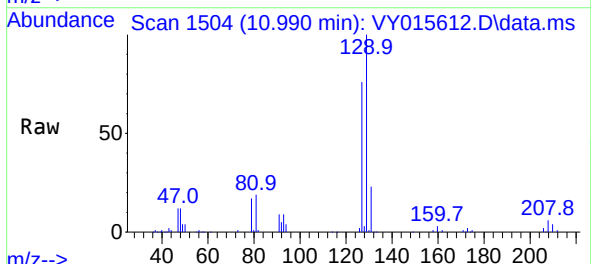
Instrument :
MSVOA_Y
ClientSampleId :

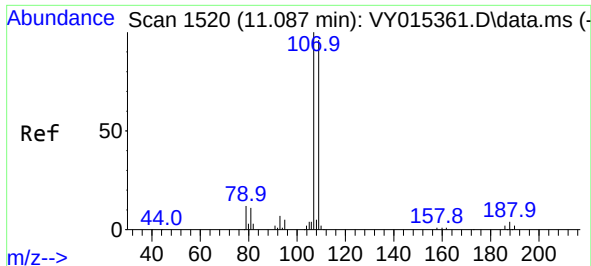
Tgt Ion: 43 Resp: 239894
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 23.319 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:129 Resp: 54052
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

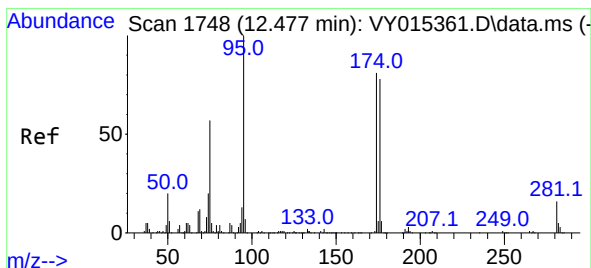
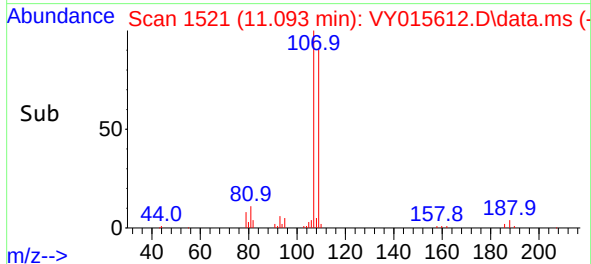
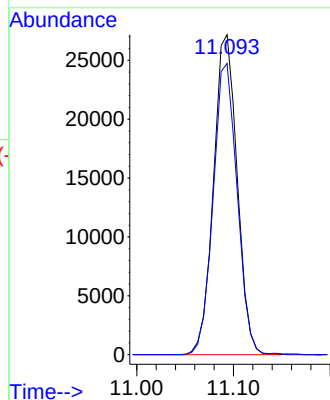
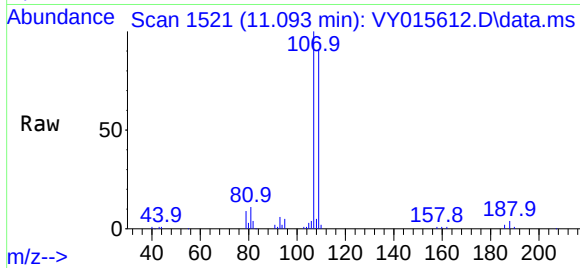




#61
1,2-Dibromoethane
Concen: 22.990 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

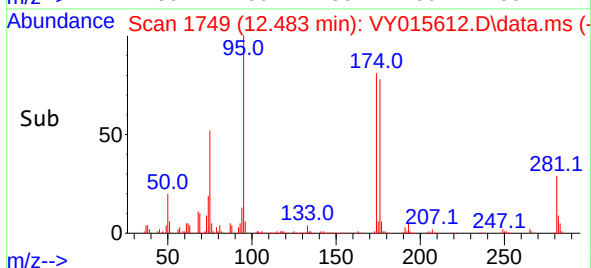
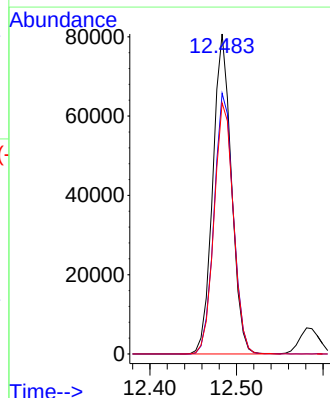
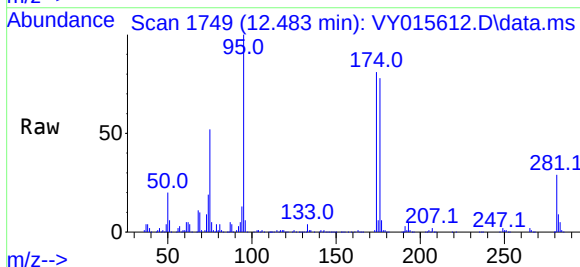
Instrument :
MSVOA_Y
ClientSampleId :

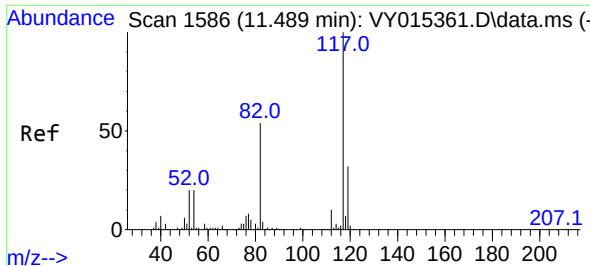
Tgt Ion:107 Resp: 46134
Ion Ratio Lower Upper
107 100
109 92.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.020 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

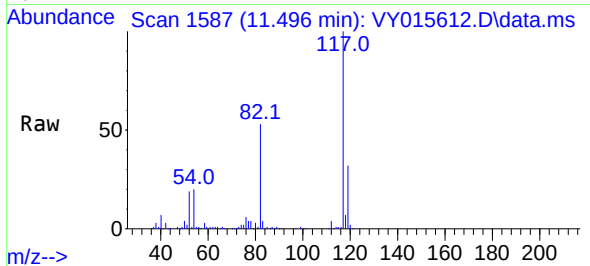
Tgt Ion: 95 Resp: 120484
Ion Ratio Lower Upper
95 100
174 83.5 0.0 178.2
176 81.3 0.0 173.8



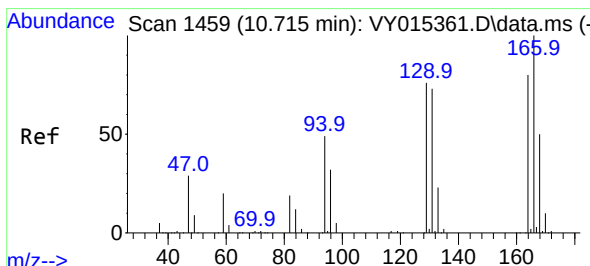
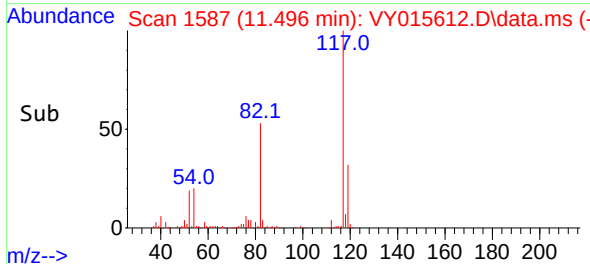
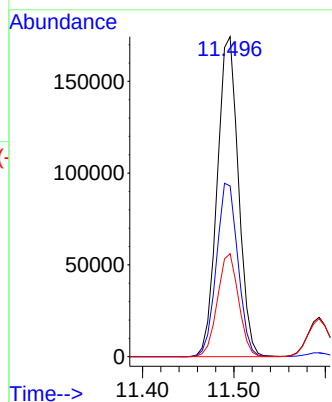


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

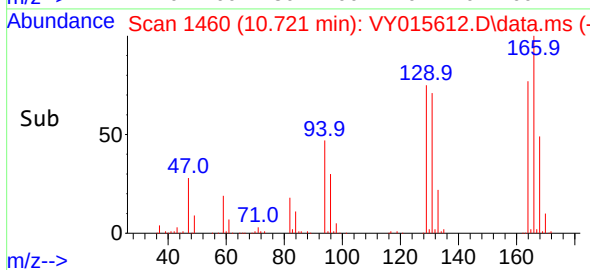
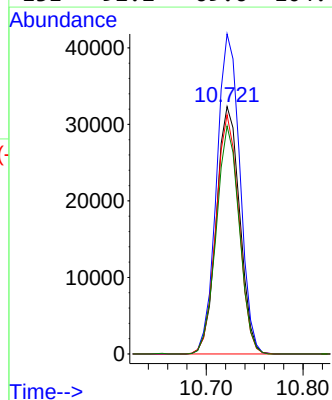
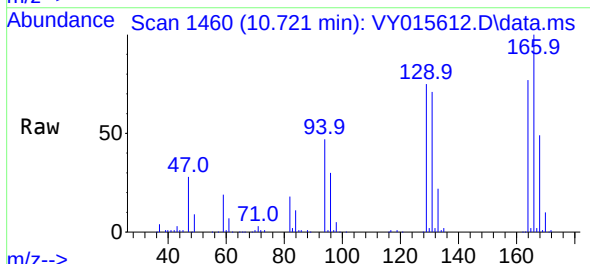


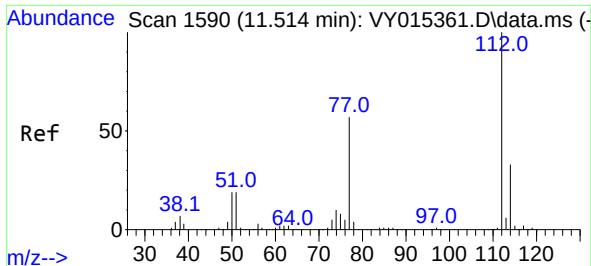
Tgt Ion:117 Resp: 281439
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 21.195 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:164 Resp: 54144
Ion Ratio Lower Upper
164 100
166 129.3 103.0 154.6
129 96.7 77.2 115.8
131 92.2 69.6 104.4

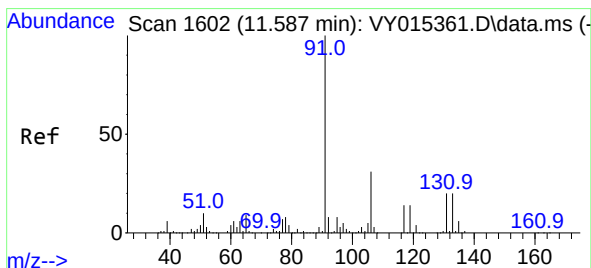
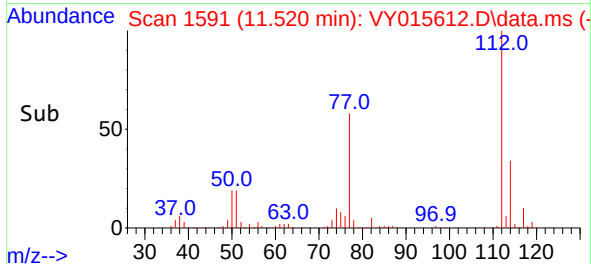
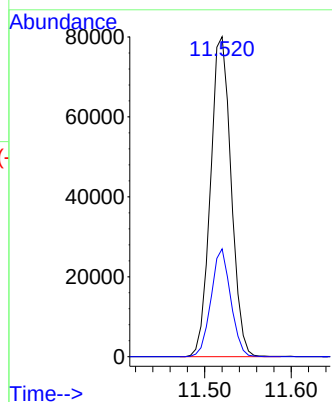
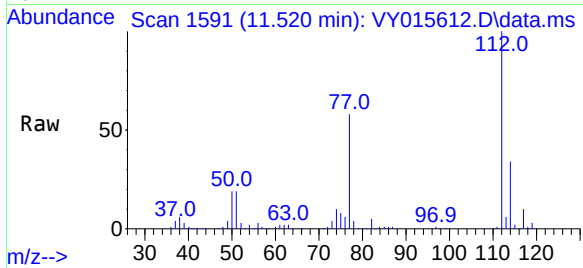




#65
Chlorobenzene
Concen: 21.839 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

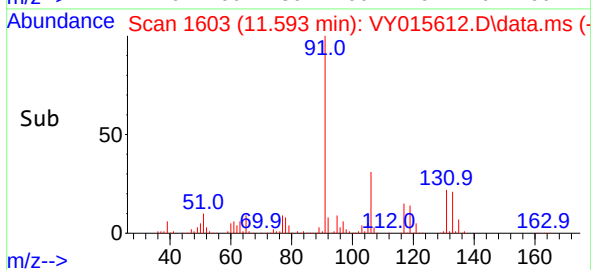
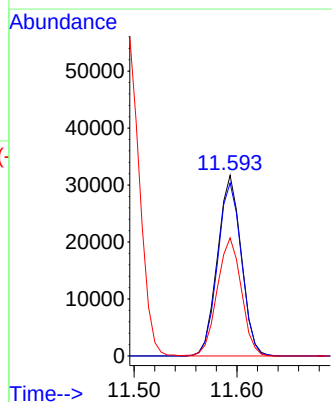
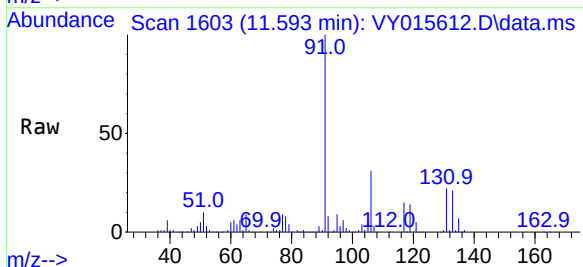
Instrument :
MSVOA_Y
ClientSampleId :

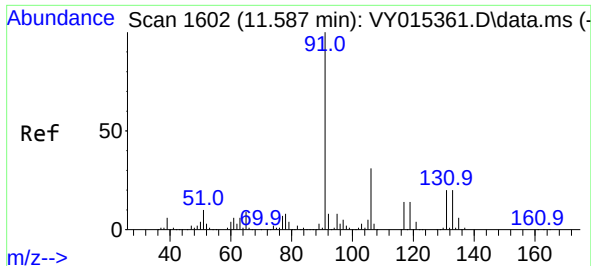
Tgt Ion:112 Resp: 132444
Ion Ratio Lower Upper
112 100
114 33.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.894 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:131 Resp: 50820
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.6
119 66.4 31.6 94.7





#67

Ethyl Benzene

Concen: 20.919 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

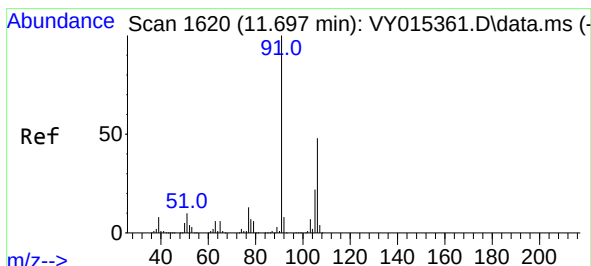
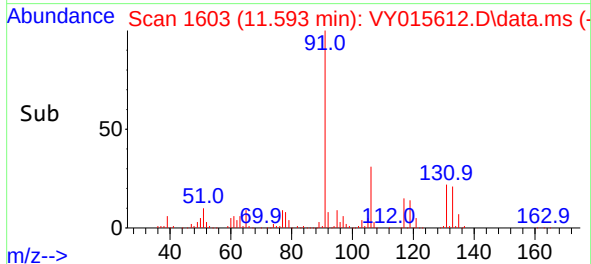
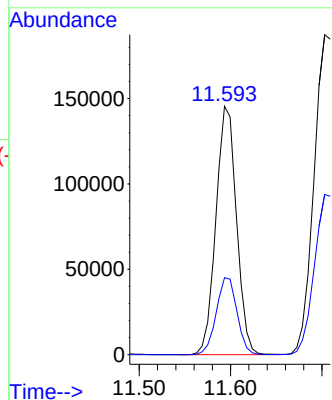
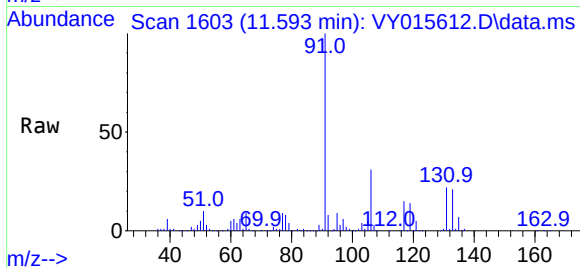
ClientSampleId :

Tgt Ion: 91 Resp: 227808

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 41.137 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY015612.D

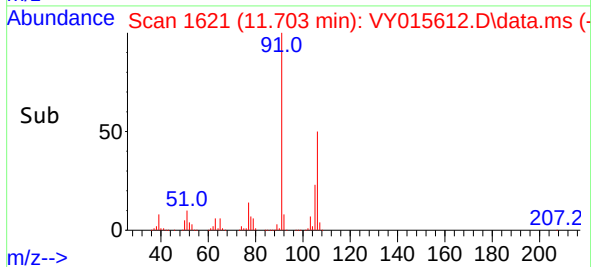
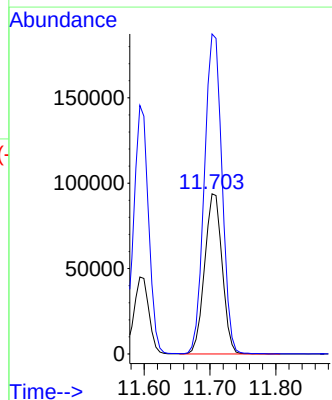
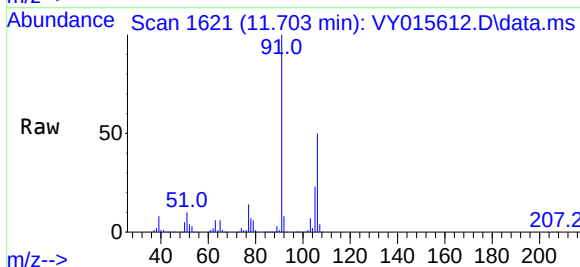
Acq: 18 Sep 2023 13:54

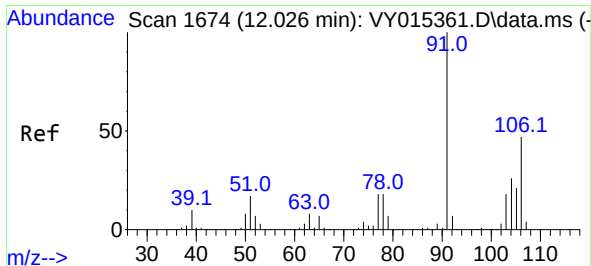
Tgt Ion:106 Resp: 173643

Ion Ratio Lower Upper

106 100

91 201.2 166.1 249.1





#69

o-Xylene

Concen: 21.244 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

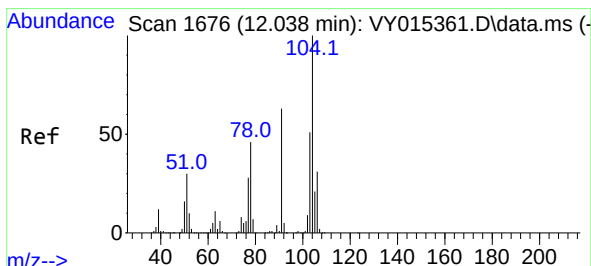
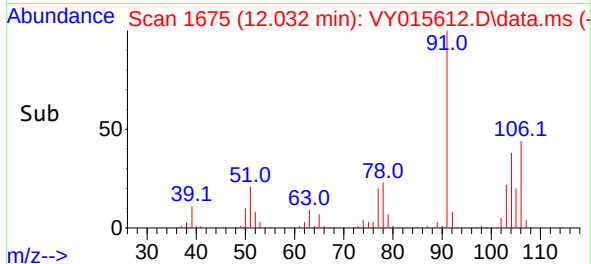
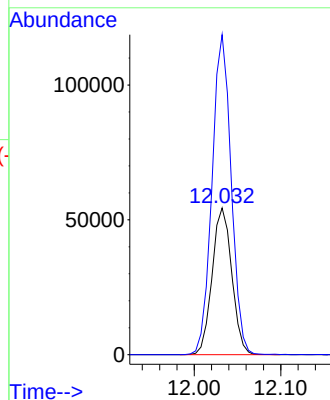
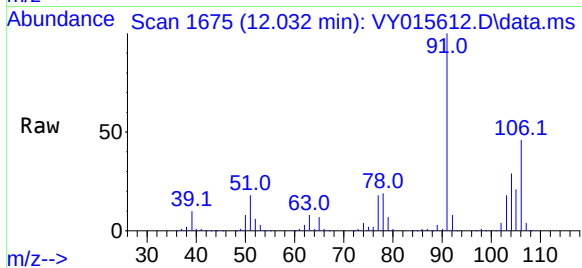
ClientSampleId :

Tgt Ion:106 Resp: 85700

Ion Ratio Lower Upper

106 100

91 212.7 108.1 324.3



#70

Styrene

Concen: 21.926 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

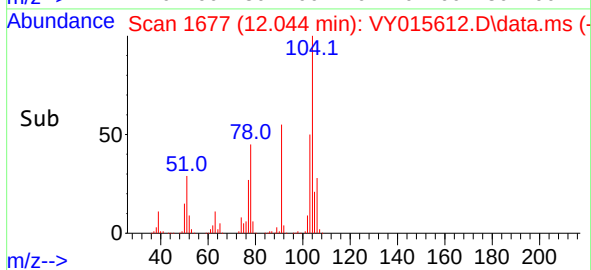
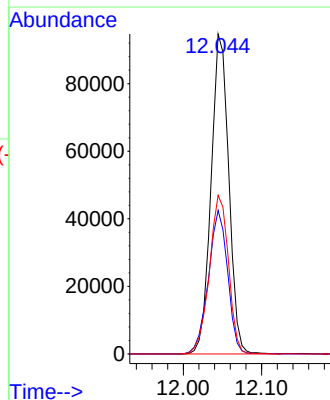
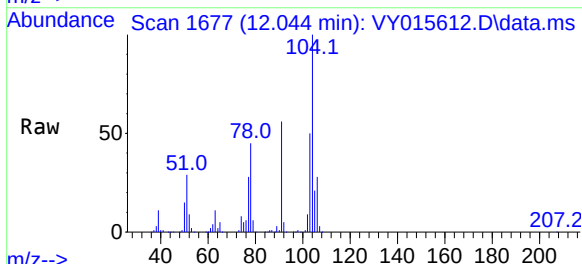
Tgt Ion:104 Resp: 148721

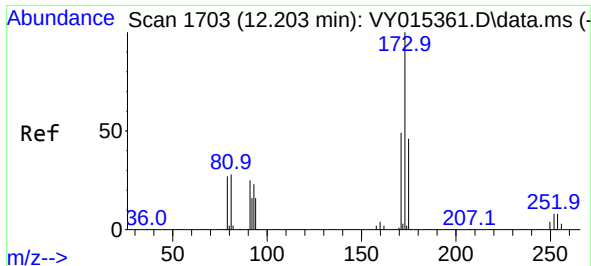
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 53.6 44.6 67.0

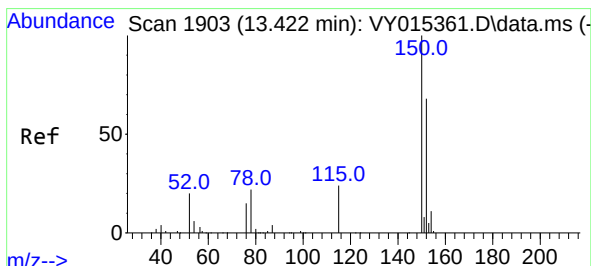
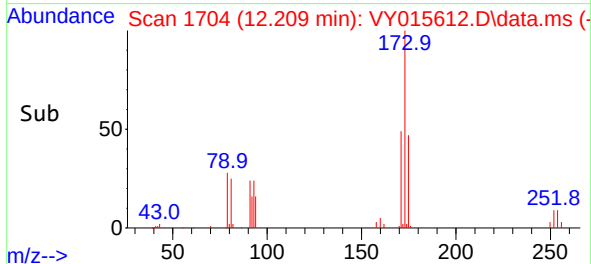
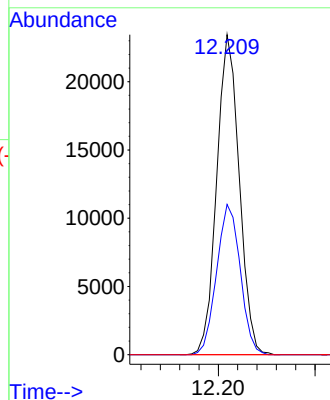
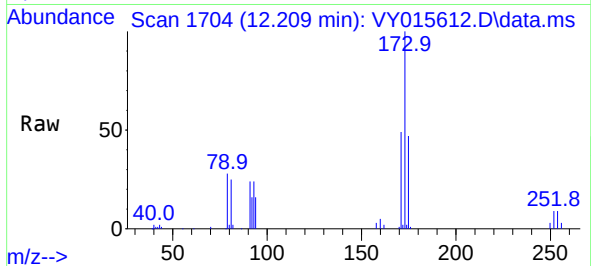




#71
Bromoform
Concen: 24.411 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

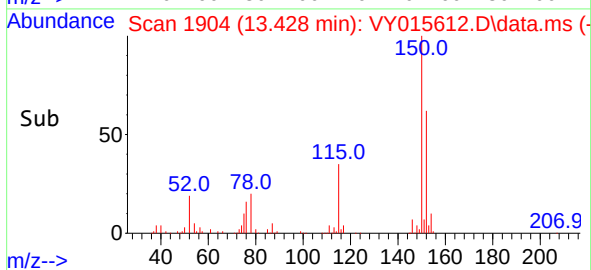
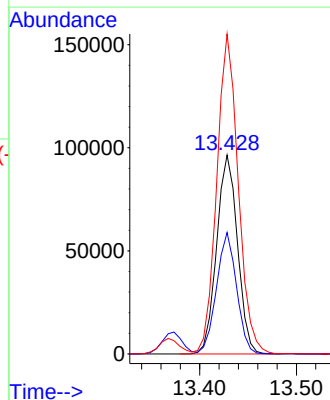
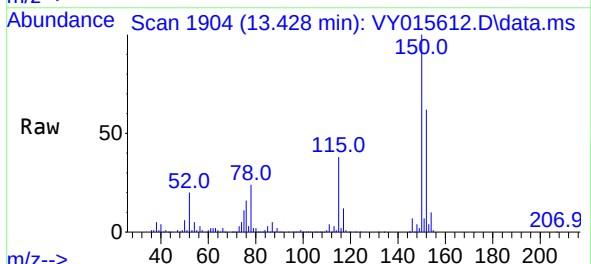
Instrument :
MSVOA_Y
ClientSampleId :

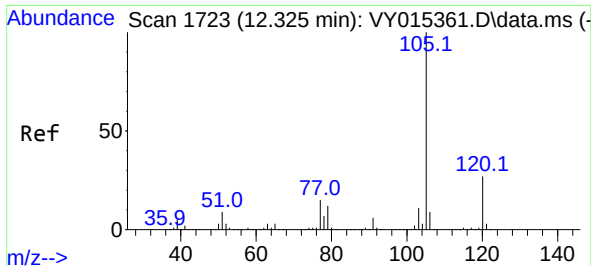
Tgt Ion:173 Resp: 37799
Ion Ratio Lower Upper
173 100
175 49.3 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:152 Resp: 144137
Ion Ratio Lower Upper
152 100
115 58.7 28.8 86.5
150 166.1 0.0 348.8

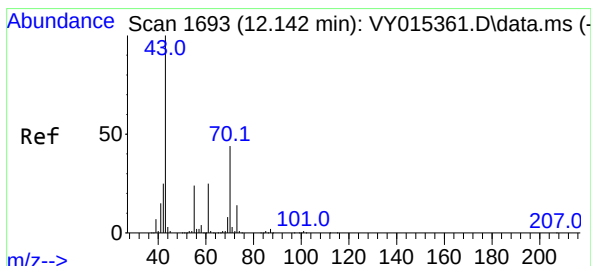
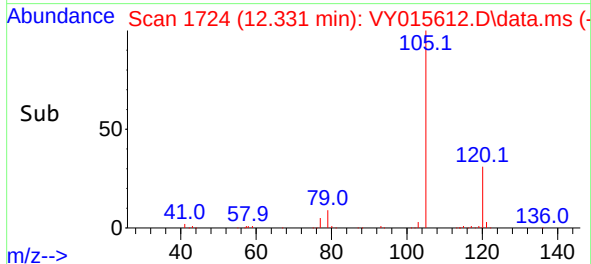
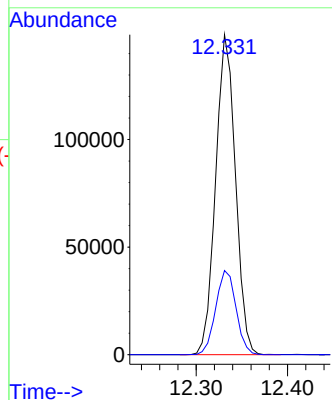
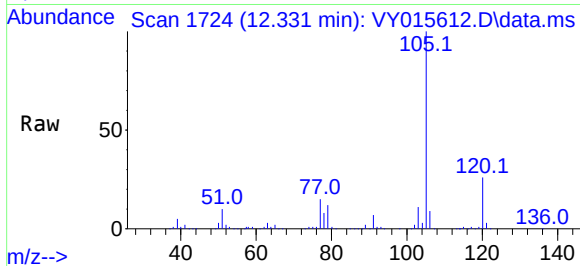




#73
Isopropylbenzene
Concen: 20.696 ug/l
RT: 12.331 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

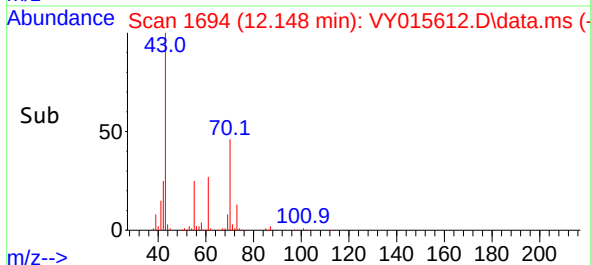
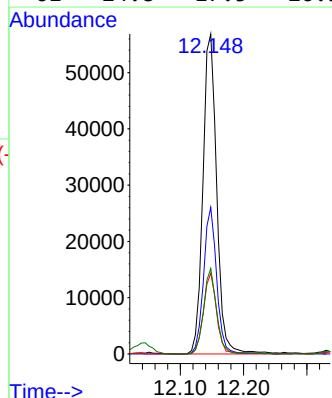
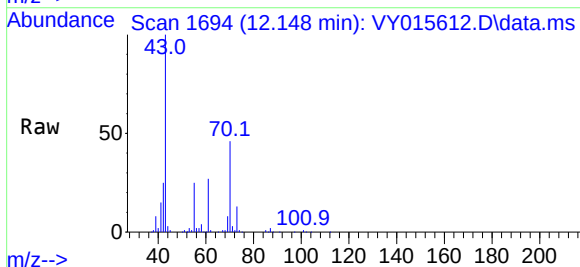
Instrument :
MSVOA_Y
ClientSampleId :

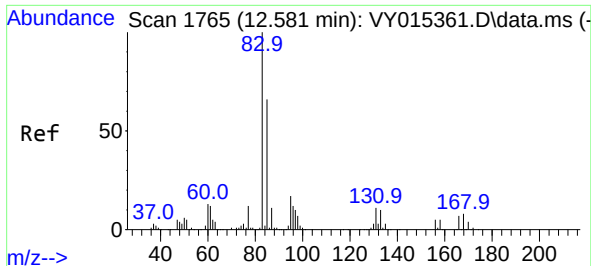
Tgt Ion:105 Resp: 224070
Ion Ratio Lower Upper
105 100
120 26.9 13.3 39.9



#74
N-amy1 acetate
Concen: 23.781 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

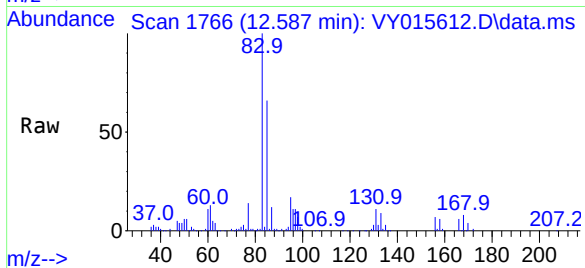
Tgt Ion: 43 Resp: 86498
Ion Ratio Lower Upper
43 100
70 43.6 29.7 44.5
55 24.0 18.3 27.5
61 24.8 17.5 26.3



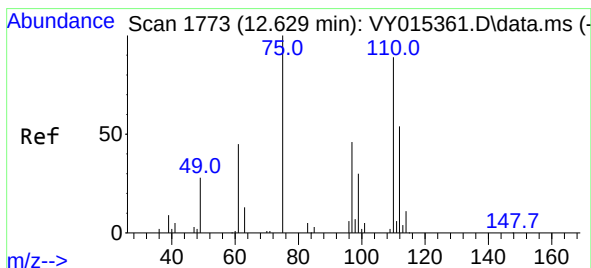
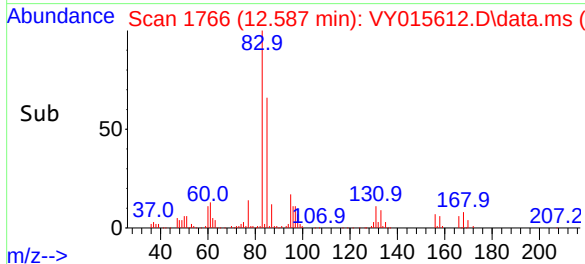
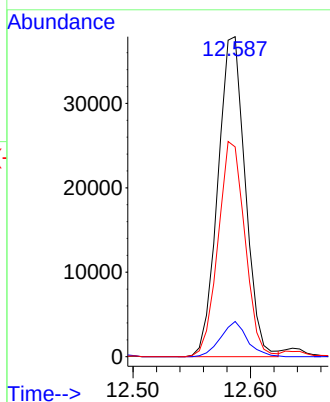


#75
1,1,2,2-Tetrachloroethane
Concen: 23.763 ug/l
RT: 12.587 min Scan# 1765
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

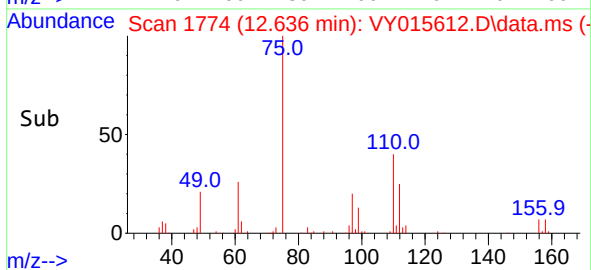
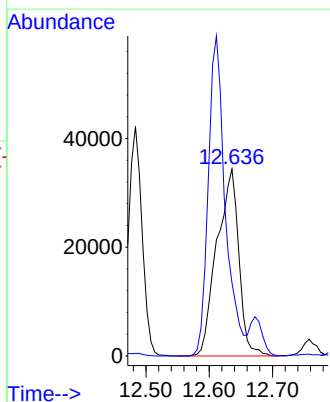
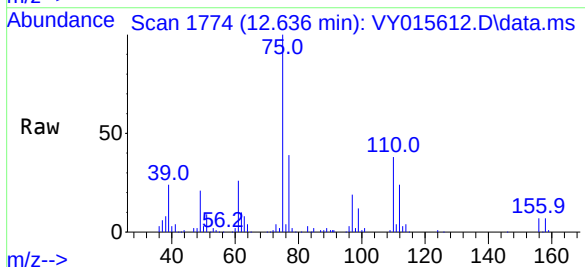


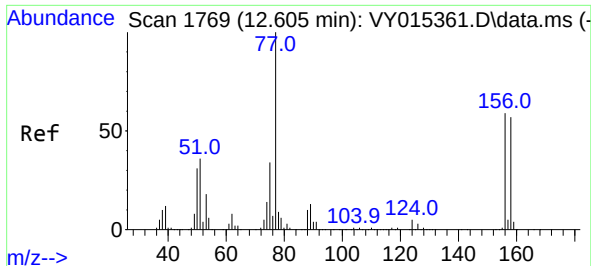
Tgt Ion: 83 Resp: 61415
Ion Ratio Lower Upper
83 100
131 10.7 5.4 16.2
85 66.0 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 43.279 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 75 Resp: 82723
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

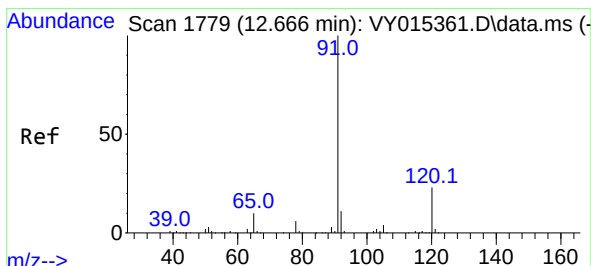
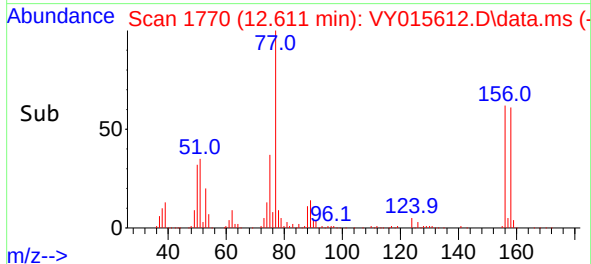
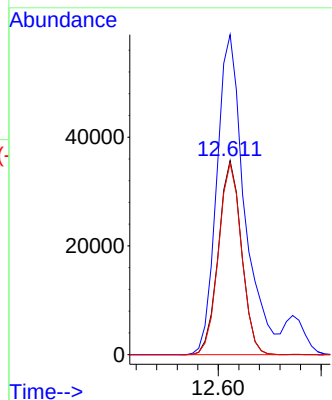
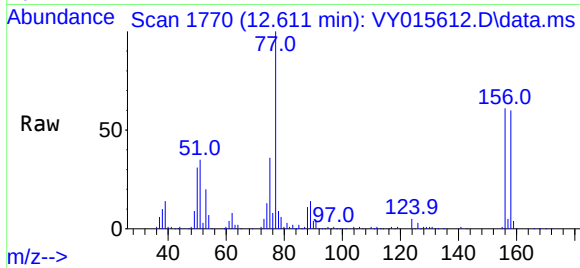




#77
Bromobenzene
Concen: 21.685 ug/l
RT: 12.611 min Scan# 1769
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

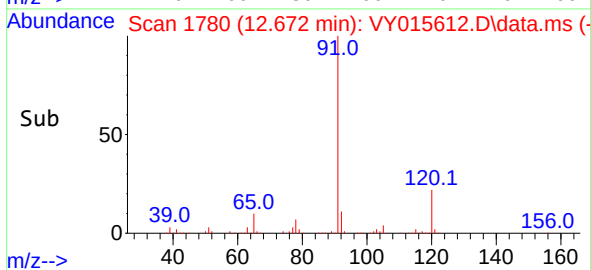
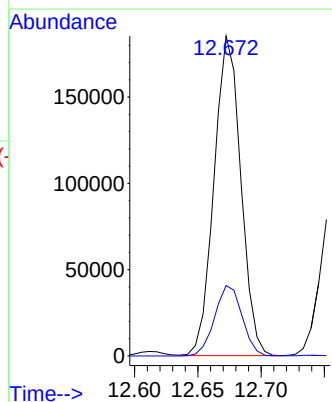
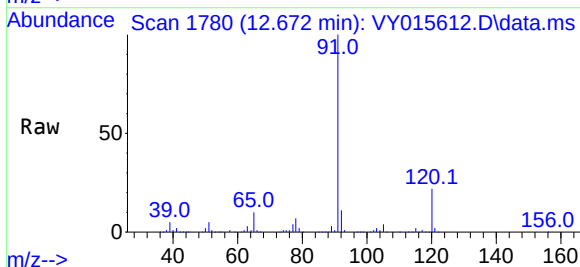
Instrument :
MSVOA_Y
ClientSampleId :

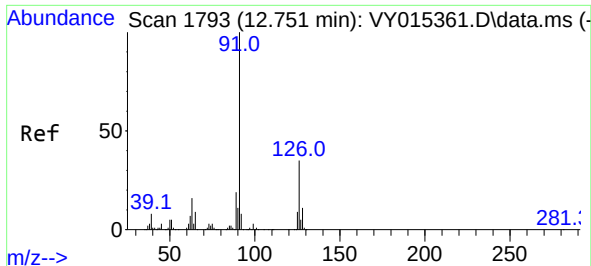
Tgt Ion:156 Resp: 55605
Ion Ratio Lower Upper
156 100
77 196.9 92.8 278.6
158 98.1 48.4 145.3



#78
n-propylbenzene
Concen: 20.751 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 91 Resp: 271847
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.260 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

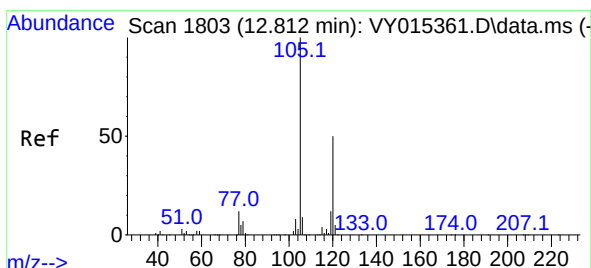
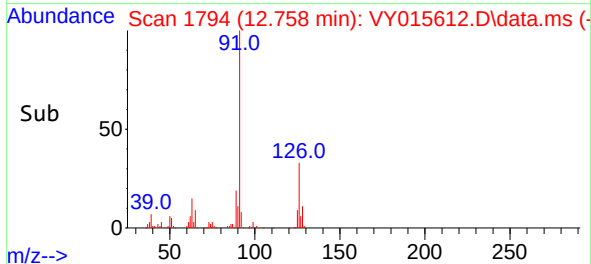
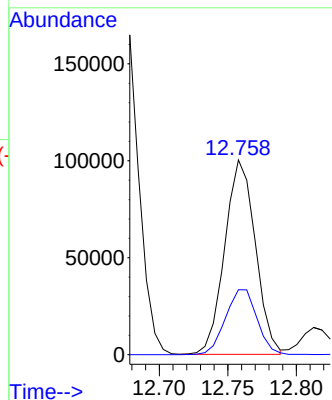
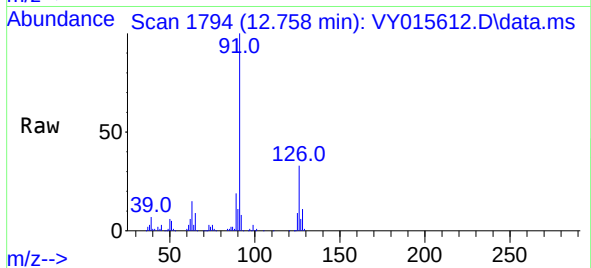
ClientSampleId :

Tgt Ion: 91 Resp: 156218

Ion Ratio Lower Upper

91 100

126 34.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.819 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015612.D

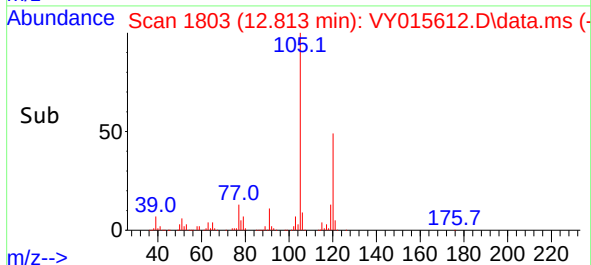
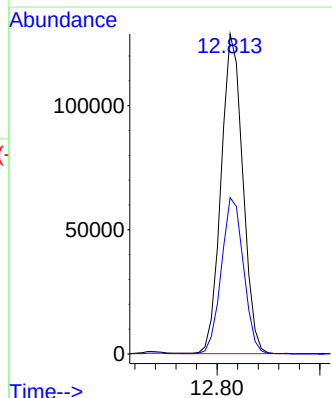
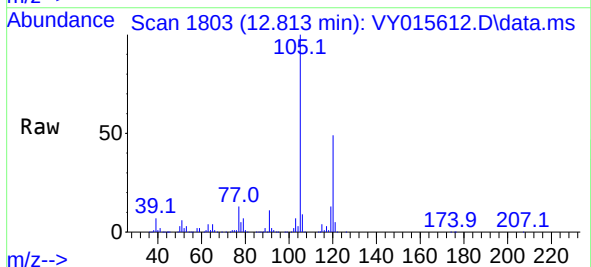
Acq: 18 Sep 2023 13:54

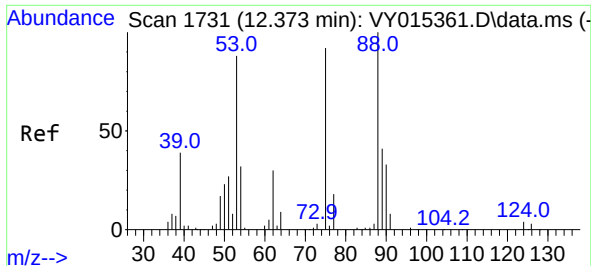
Tgt Ion:105 Resp: 188533

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7

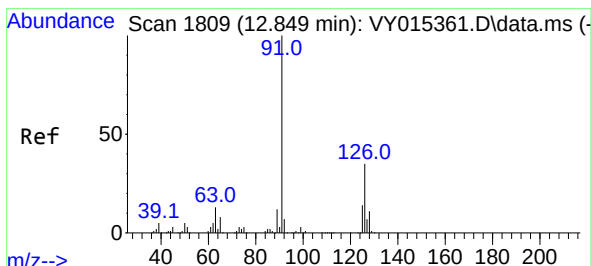
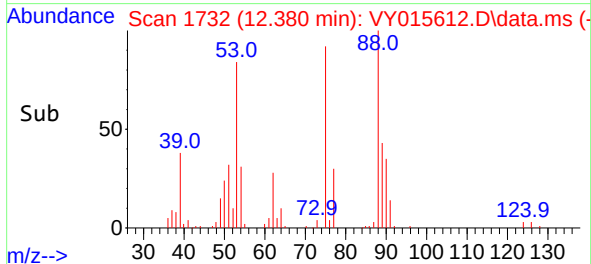
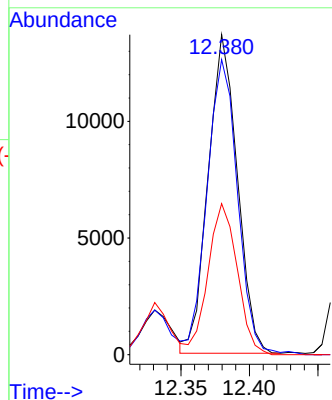
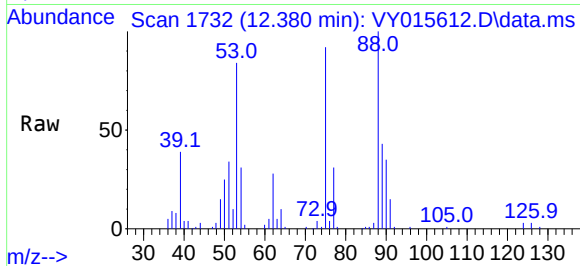




#81
trans-1,4-Dichloro-2-butene
Concen: 23.308 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

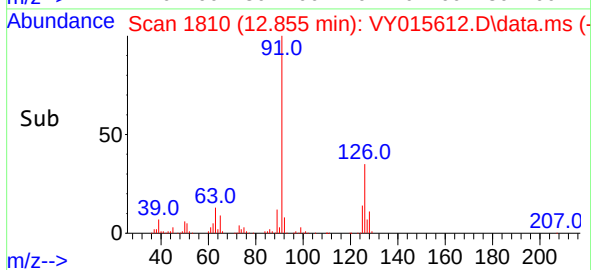
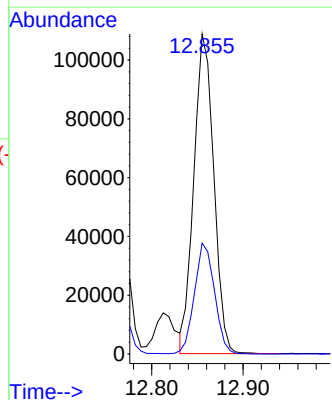
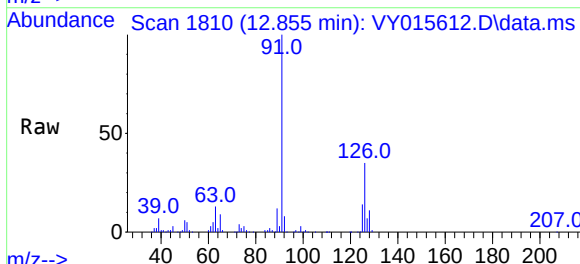
Instrument :
MSVOA_Y
ClientSampleId :

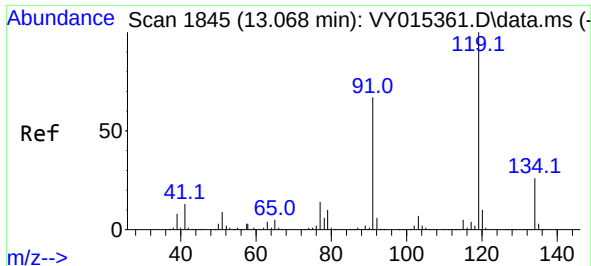
Tgt Ion: 75 Resp: 20196
Ion Ratio Lower Upper
75 100
53 97.3 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.593 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

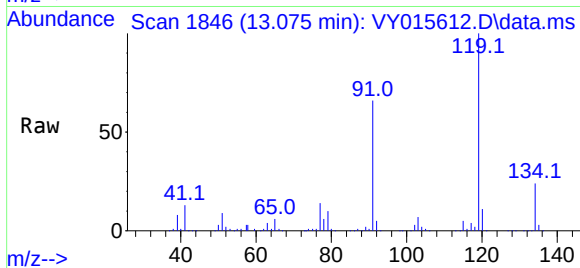
Tgt Ion: 91 Resp: 164900
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6



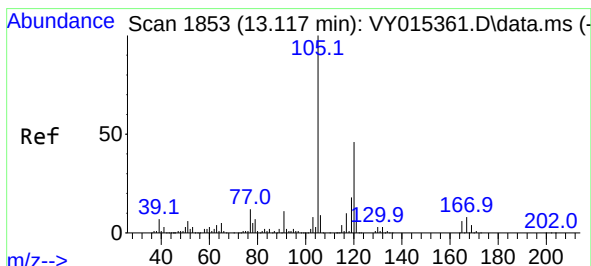
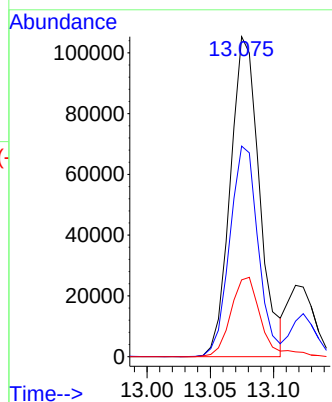
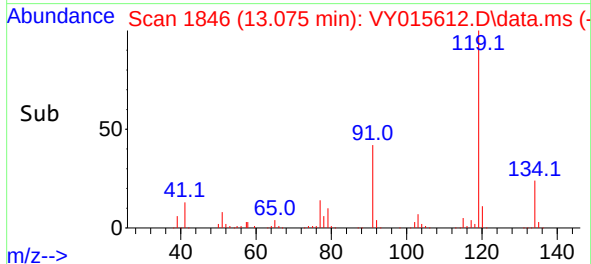


#83
tert-Butylbenzene
Concen: 21.247 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

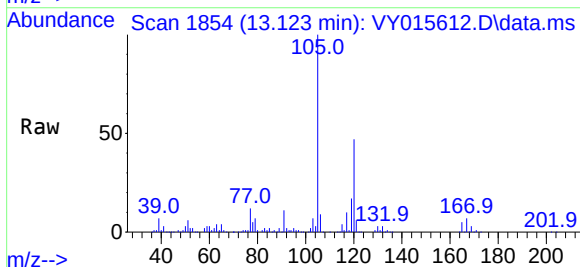
Instrument :
MSVOA_Y
ClientSampleId :



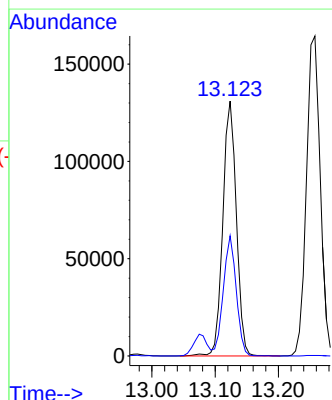
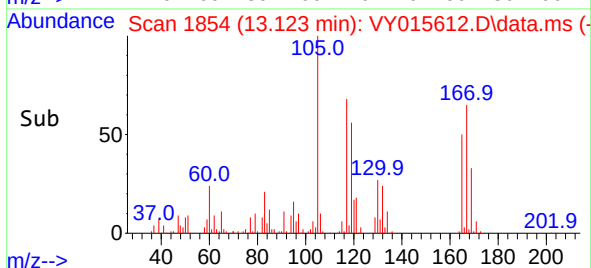
Tgt Ion:119 Resp: 168528
Ion Ratio Lower Upper
119 100
91 64.5 32.9 98.6
134 25.8 13.0 38.9

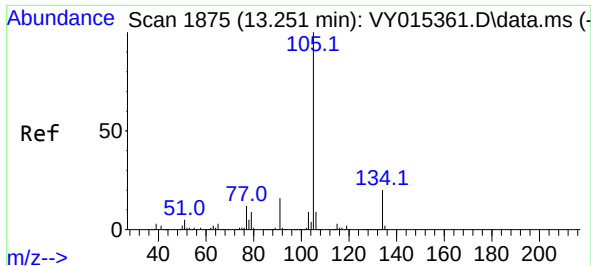


#84
1,2,4-Trimethylbenzene
Concen: 21.517 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54



Tgt Ion:105 Resp: 193462
Ion Ratio Lower Upper
105 100
120 45.3 22.2 66.6

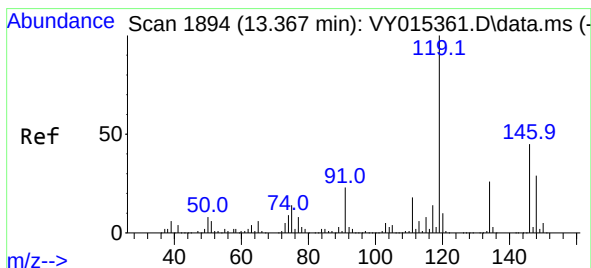
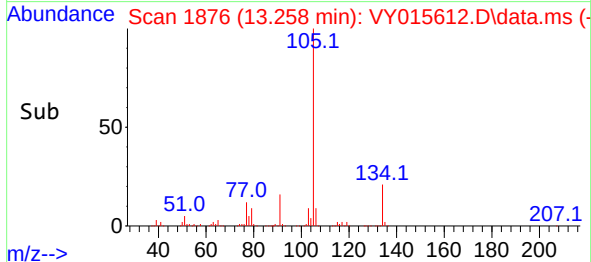
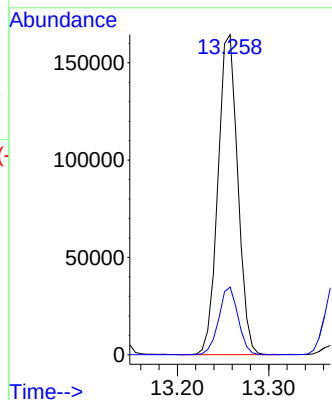
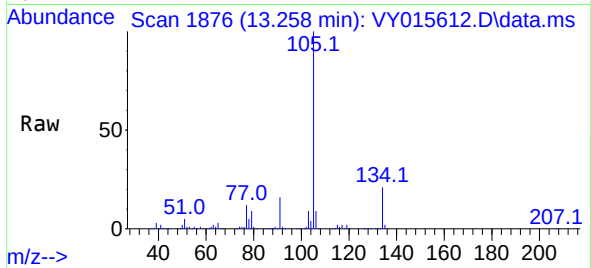




#85
 sec-Butylbenzene
 Concen: 20.956 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

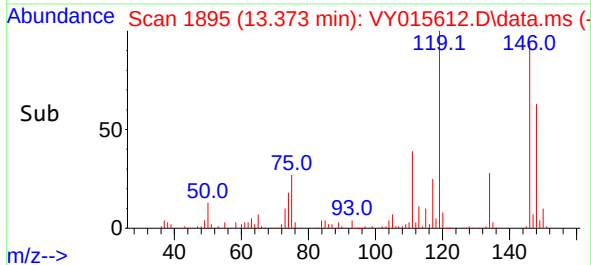
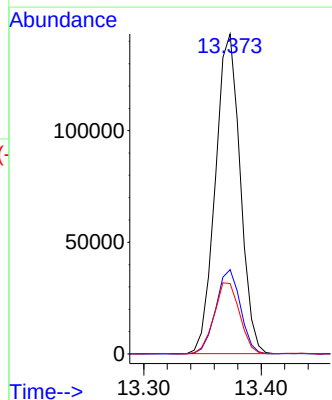
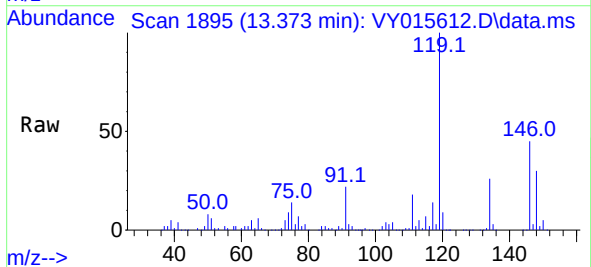
Instrument :
 MSVOA_Y
 ClientSampleId :

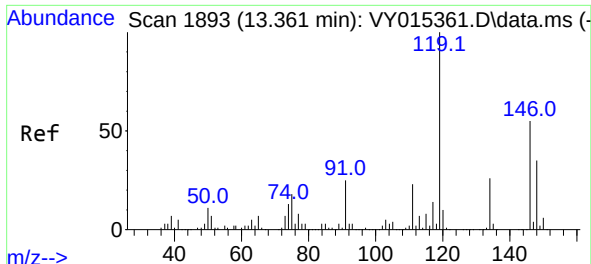
Tgt Ion:105 Resp: 247920
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 21.171 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015612.D
 Acq: 18 Sep 2023 13:54

Tgt Ion:119 Resp: 209921
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.3 39.8
 91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.923 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

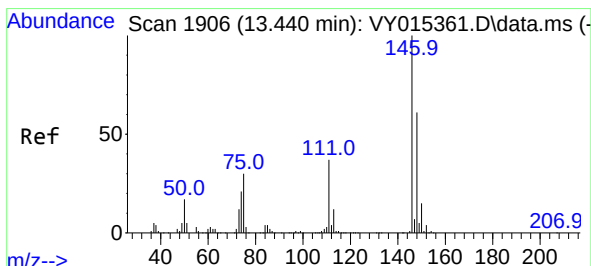
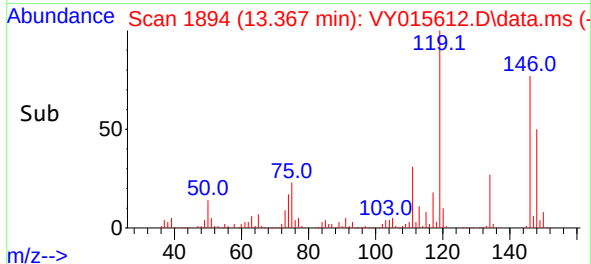
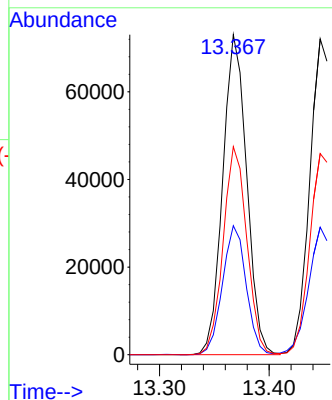
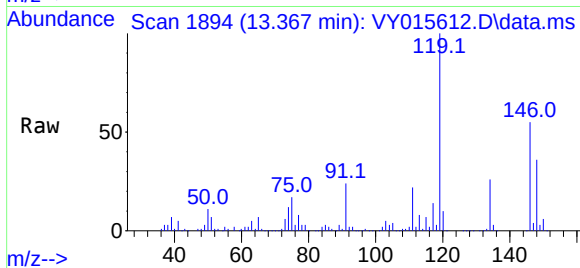
Tgt Ion:146 Resp: 110979

Ion Ratio Lower Upper

146 100

111 39.8 19.4 58.2

148 64.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.831 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

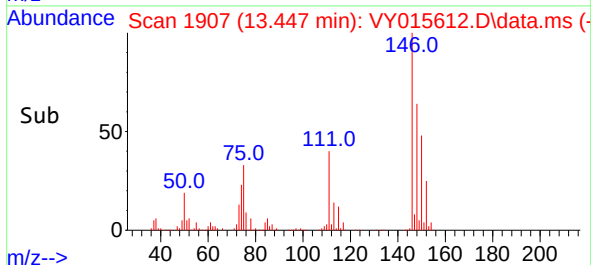
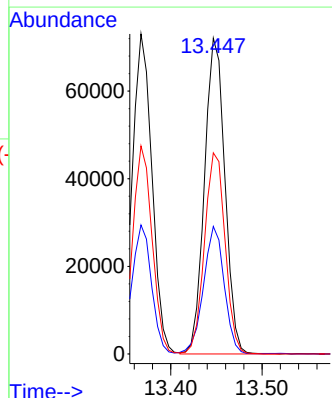
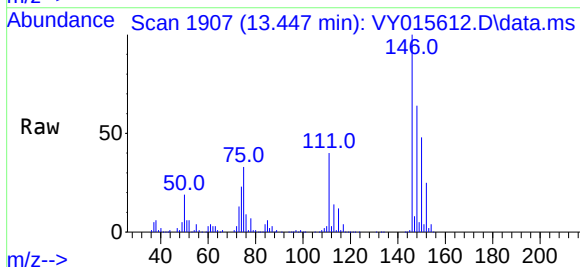
Tgt Ion:146 Resp: 111715

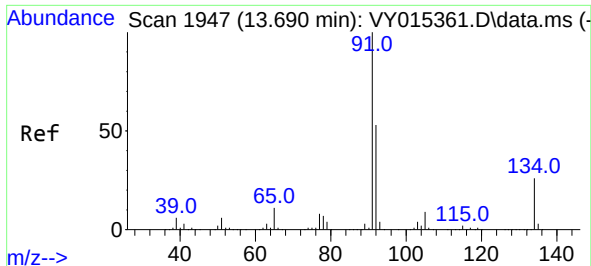
Ion Ratio Lower Upper

146 100

111 40.9 18.9 56.7

148 64.5 32.1 96.5

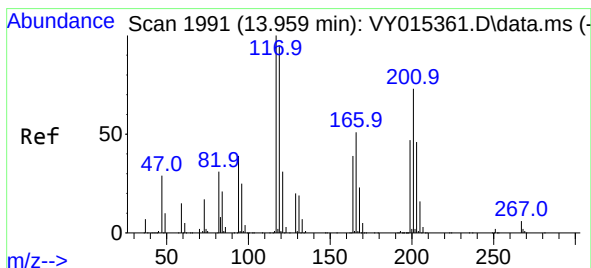
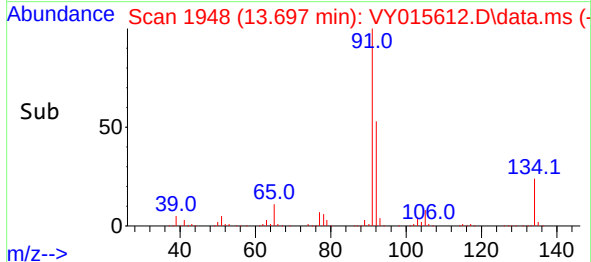
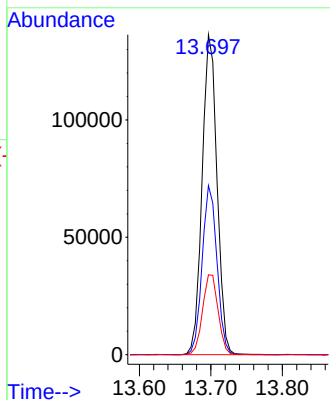
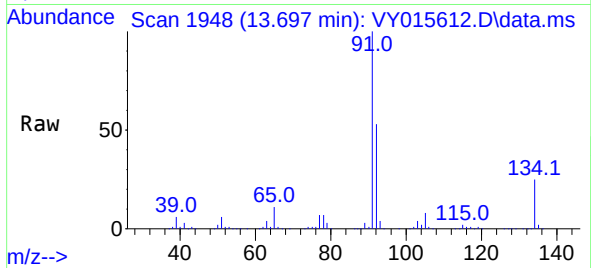




#89
n-Butylbenzene
Concen: 21.152 ug/l
RT: 13.697 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

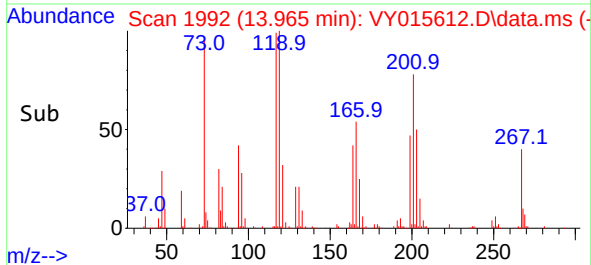
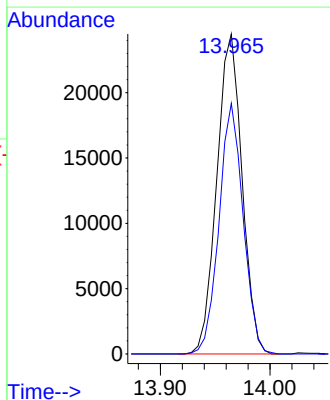
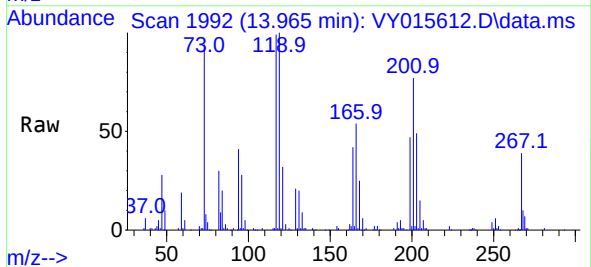
Instrument :
MSVOA_Y
ClientSampleId :

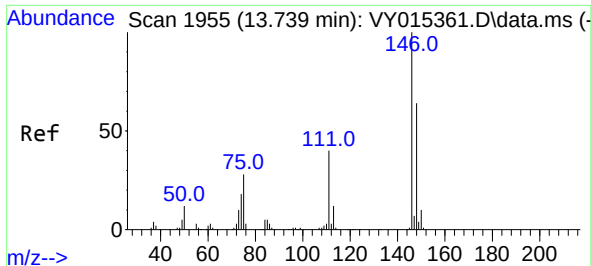
Tgt Ion: 91 Resp: 197400
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 22.094 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion: 117 Resp: 39181
Ion Ratio Lower Upper
117 100
201 74.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.574 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

Instrument :

MSVOA_Y

ClientSampleId :

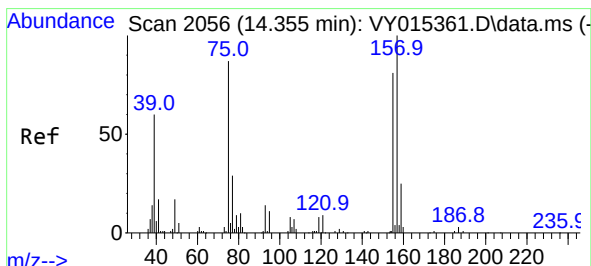
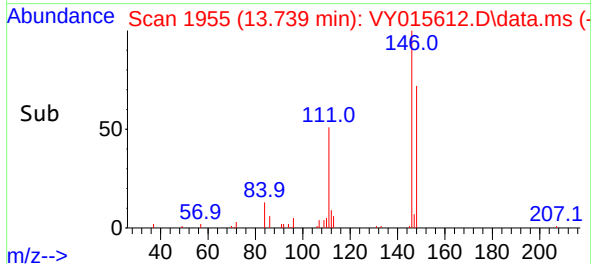
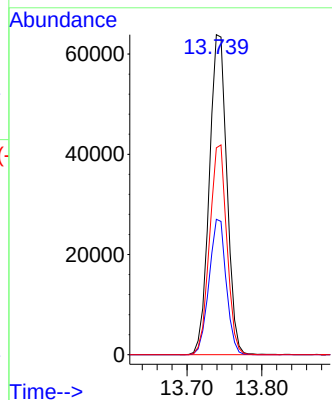
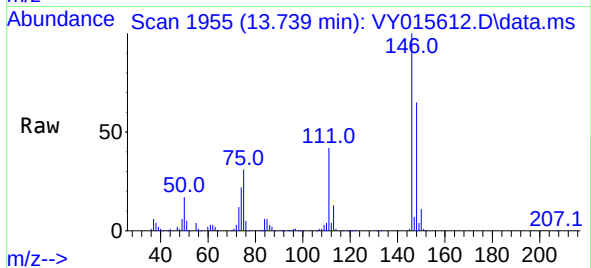
Tgt Ion:146 Resp: 104286

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.447 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015612.D

Acq: 18 Sep 2023 13:54

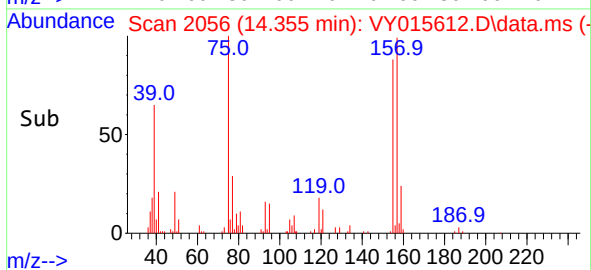
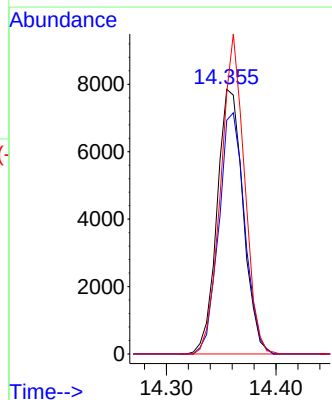
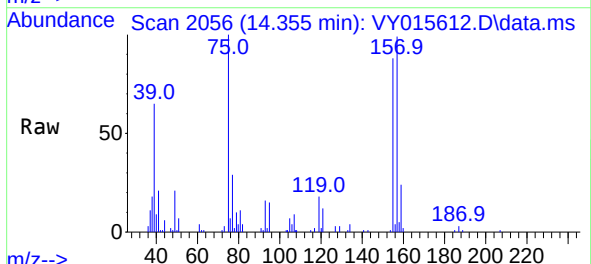
Tgt Ion: 75 Resp: 13010

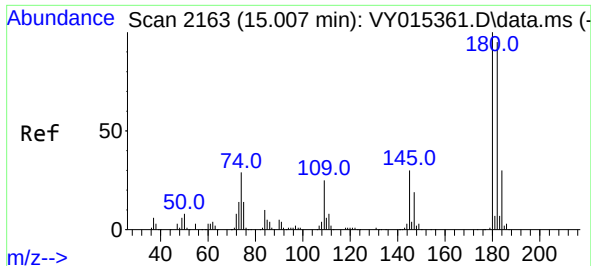
Ion Ratio Lower Upper

75 100

155 90.0 41.5 124.6

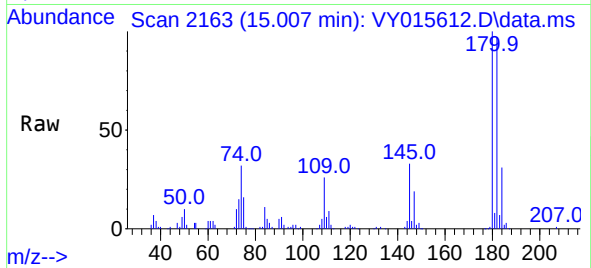
157 109.2 51.8 155.5



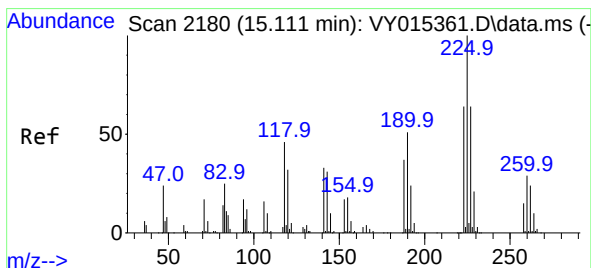
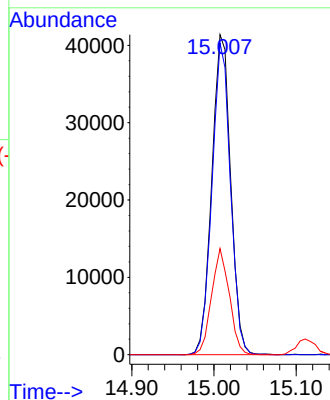
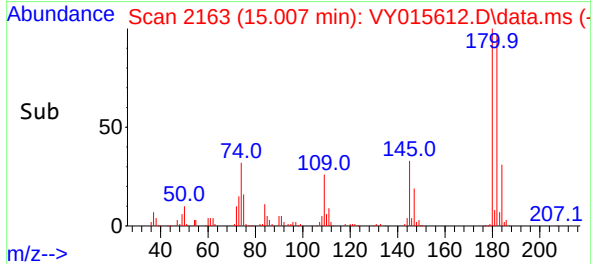


#93
1,2,4-Trichlorobenzene
Concen: 22.747 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

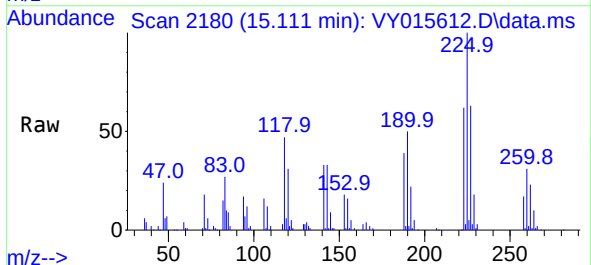
Instrument :
MSVOA_Y
ClientSampleId :



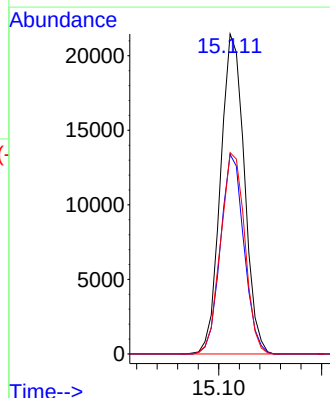
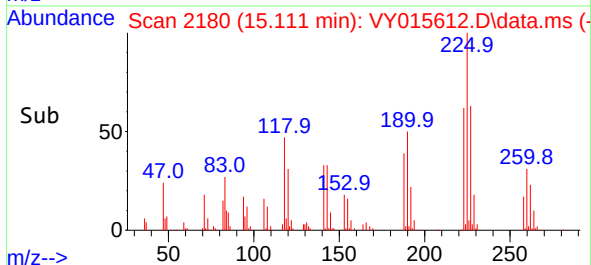
Tgt Ion:180 Resp: 65995
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 31.2 14.5 43.5

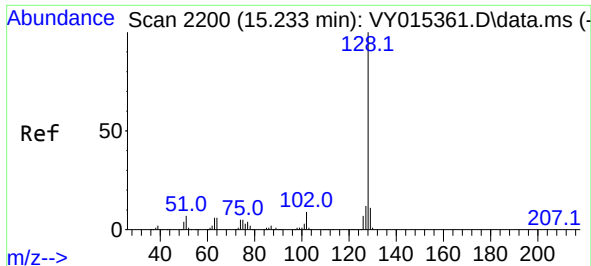


#94
Hexachlorobutadiene
Concen: 21.800 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54



Tgt Ion:225 Resp: 34489
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.9
227 63.8 33.0 98.9

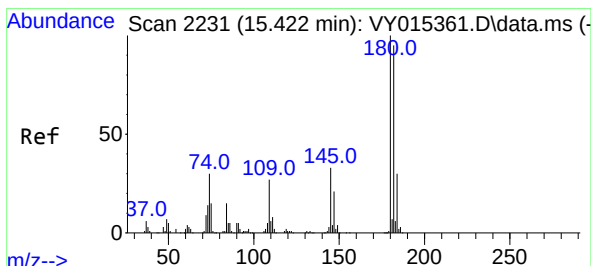
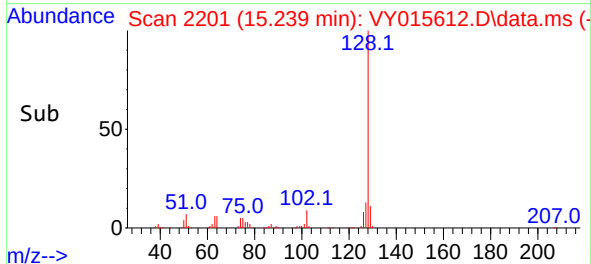
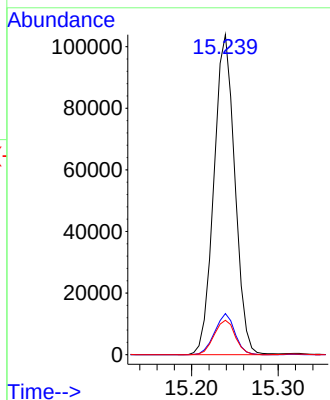
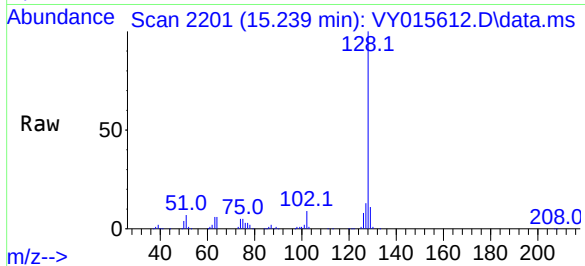




#95
Naphthalene
Concen: 24.246 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp: 174254
Ion Ratio	Lower Upper
128 100	
127 12.4	10.8 16.2
129 10.9	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 23.163 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY015612.D
Acq: 18 Sep 2023 13:54

Tgt Ion:180	Resp: 61299		
Ion Ratio	Lower	Upper	
180 100			
182 94.9	47.3	141.8	
145 32.7	15.4	46.2	

