

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
 Data File : VW029793.D
 Acq On : 12 Jan 2023 18:06
 Operator : SY/MD
 Sample : VSTD02020
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 21:49:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	216821	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	209084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	119518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	346897	25.017	ug/L	0.00
7) Chloroethane-d5	1.564	69	282283	27.186	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	620933	27.231	ug/L	0.00
20) 2-Butanone-d5	3.902	46	652462	277.108	ug/L	0.00
24) Chloroform-d	4.336	84	633034	25.507	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	271410	24.990	ug/L	0.00
32) Benzene-d6	5.040	84	1336768	23.115	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	386032	23.502	ug/L	0.00
41) Toluene-d8	7.307	98	1256162	23.069	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.612	79	152495	24.468	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	669111	289.435	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	279338	26.531	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.612	152	463481	22.356	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	429081	24.865	ug/L	99
3) Chloromethane	1.236	50	444752	26.981	ug/L	100
5) Vinyl chloride	1.307	62	459329	28.255	ug/L	99
6) Bromomethane	1.516	94	220254	23.155	ug/L	100
8) Chloroethane	1.580	64	275911	28.321	ug/L	98
9) Trichlorofluoromethane	1.748	101	596685	26.556	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	347382	27.316	ug/L	100
12) 1,1-Dichloroethene	2.111	96	350960	28.393	ug/L	91
13) Acetone	2.207	43	399267	232.144	ug/L	92
14) Carbon disulfide	2.288	76	1188303	31.713	ug/L	100
15) Methyl Acetate	2.439	43	114180	23.489	ug/L	97
16) Methylene chloride	2.500	84	383780	20.752	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	745967	25.008	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	384236	27.540	ug/L	99
19) 1,1-Dichloroethane	3.182	63	628192	25.603	ug/L	99
21) 2-Butanone	3.986	43	699846	262.332	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	406729	26.045	ug/L	99
23) Bromochloromethane	4.236	128	167636	26.592	ug/L	96
25) Chloroform	4.362	83	647027	25.149	ug/L	98
27) 1,2-Dichloroethane	5.121	62	342638	24.796	ug/L	98
29) 1,1,1-Trichloroethane	4.596	97	578740	23.222	ug/L	99
30) Cyclohexane	4.667	56	608668	24.843	ug/L	98
31) Carbon tetrachloride	4.818	117	501960	23.717	ug/L	100
33) Benzene	5.088	78	1549751	23.833	ug/L	100
34) Trichloroethene	5.905	95	391271	23.685	ug/L	98
35) Methylcyclohexane	6.124	83	695044	25.041	ug/L	99
37) 1,2-Dichloropropane	6.165	63	358669	23.429	ug/L	99
38) Bromodichloromethane	6.500	83	455258	24.444	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	516191	23.750	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	1657782	235.572	ug/L	99
42) Toluene	7.378	91	1682883	24.076	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	420541	24.186	ug/L	100

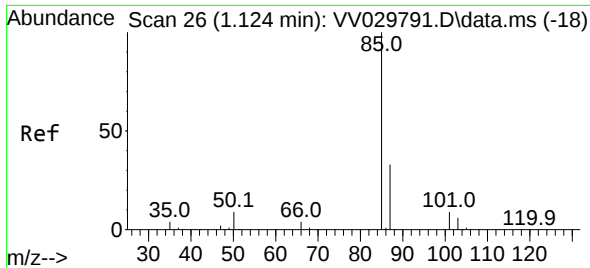
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.828	97	248883	23.835	ug/L	99
47) Tetrachloroethene	7.966	164	321406	23.586	ug/L	97
48) 2-Hexanone	8.136	43	1172056	237.540	ug/L	98
49) Dibromochloromethane	8.236	129	303832	25.582	ug/L	100
50) 1,2-Dibromoethane	8.342	107	227860	24.999	ug/L	100
51) Chlorobenzene	8.873	112	1052557	24.126	ug/L	99
52) Ethylbenzene	9.001	91	1807651	24.907	ug/L	100
53) m,p-Xylene	9.130	106	719957	24.998	ug/L	100
54) o-Xylene	9.532	106	690574	24.755	ug/L	100
55) Styrene	9.551	104	1188869	24.995	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	280886	25.432	ug/L	98
59) Bromoform	9.722	173	167318	24.982	ug/L	98
60) Isopropylbenzene	9.921	105	1777576	22.673	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	188855	22.154	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	1568515	23.295	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	1586629	23.368	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	860519	23.205	ug/L	100
65) 1,4-Dichlorobenzene	11.262	146	855647	23.295	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	785028	23.027	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	43454	25.198	ug/L	99
69) 1,3,5-Trichlorobenzene	12.631	180	718220	23.596	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	584034	23.869	ug/L	99
71) Naphthalene	13.487	128	847764	35.884	ug/L	100
72) 1,2,3-Trichlorobenzene	13.728	180	491042	24.566	ug/L	99

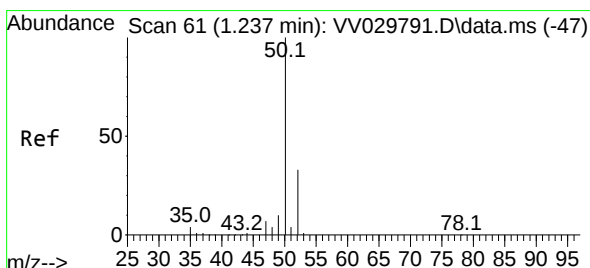
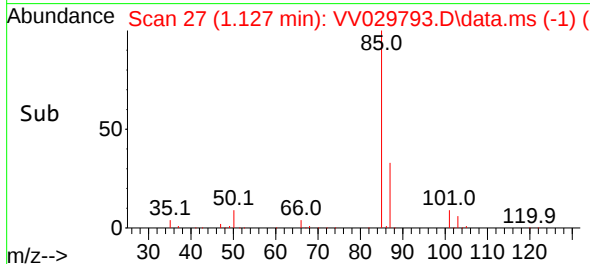
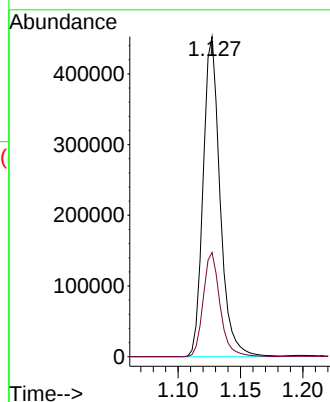
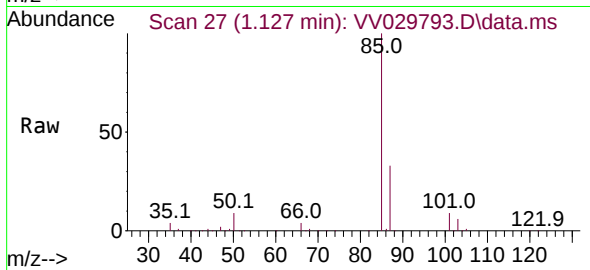
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 24.865 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

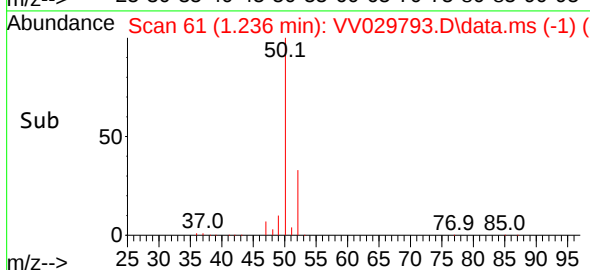
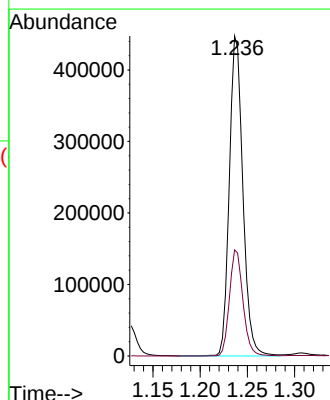
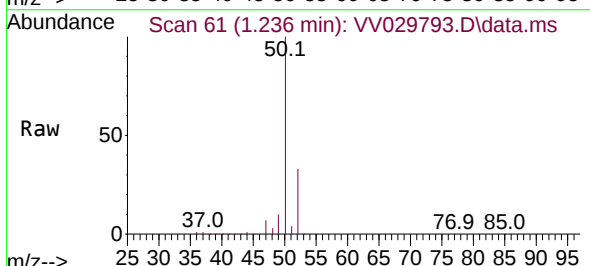
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 ClientSampleId :

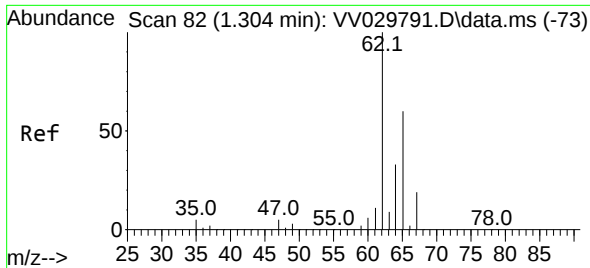
Tgt Ion: 85 Resp: 429081
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.5 39.7



#3
 Chloromethane
 Concen: 26.981 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

Tgt Ion: 50 Resp: 444752
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9

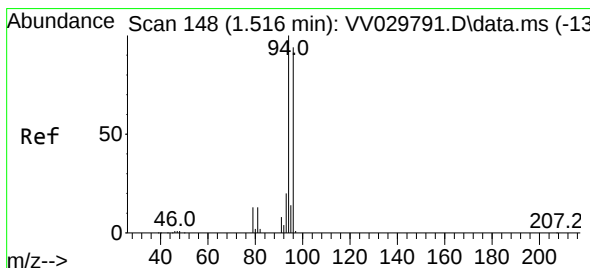
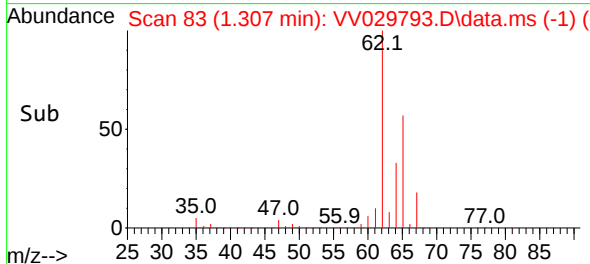
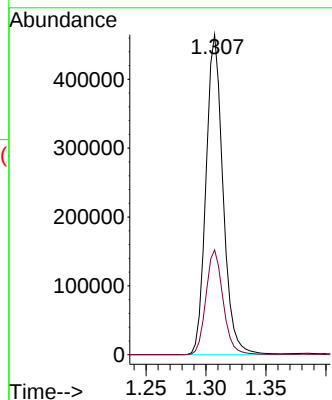
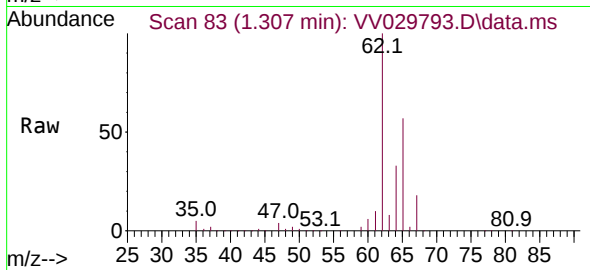




#5
 Vinyl chloride
 Concen: 28.255 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

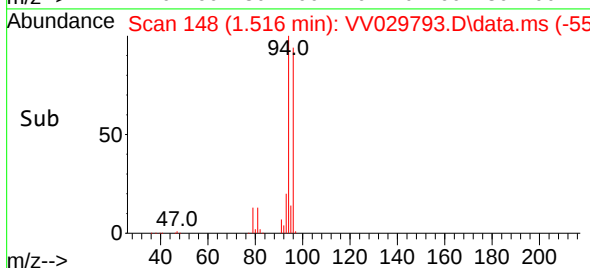
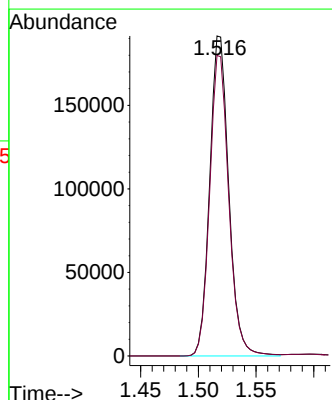
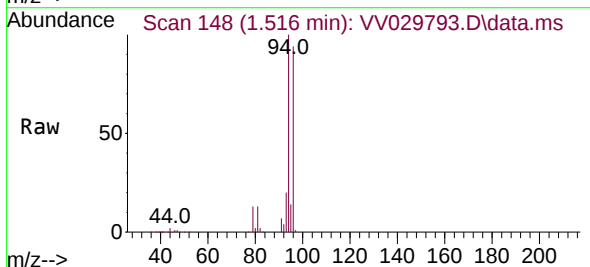
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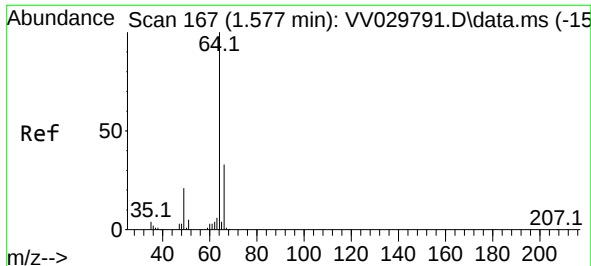
Tgt Ion: 62 Resp: 459329
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 23.155 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

Tgt Ion: 94 Resp: 220254
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.9 122.5

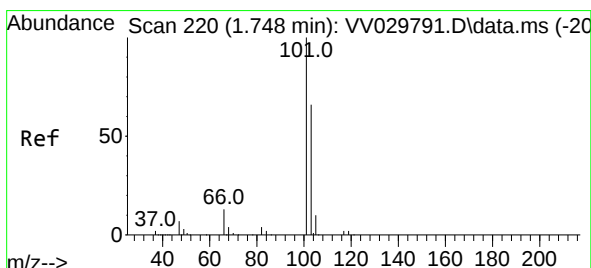
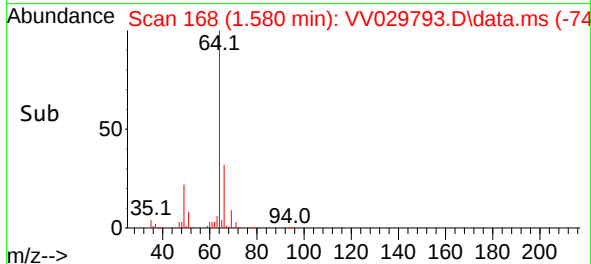
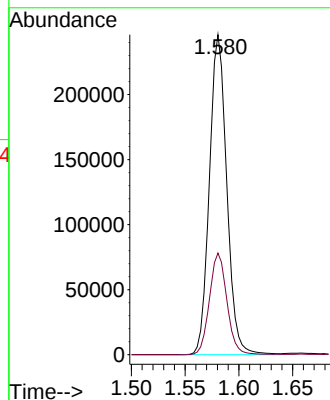
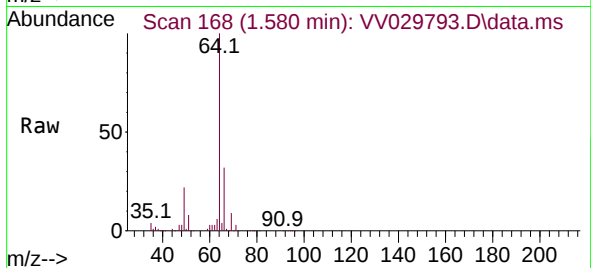




#8
Chloroethane
Concen: 28.321 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

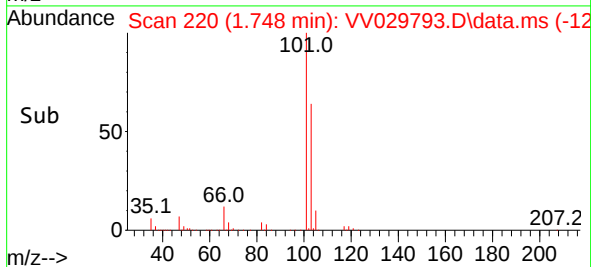
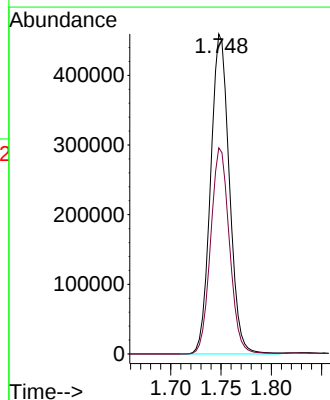
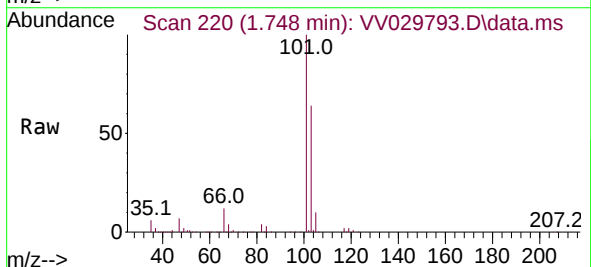
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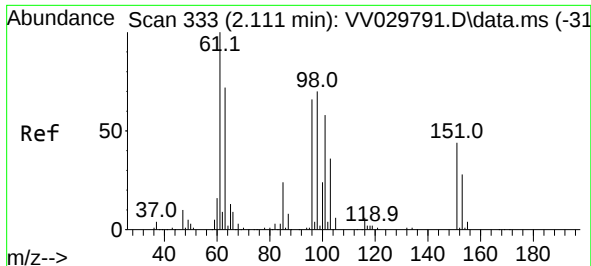
Tgt Ion: 64 Resp: 275911
Ion Ratio Lower Upper
64 100
66 31.8 22.9 42.5



#9
Trichlorofluoromethane
Concen: 26.556 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion:101 Resp: 596685
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

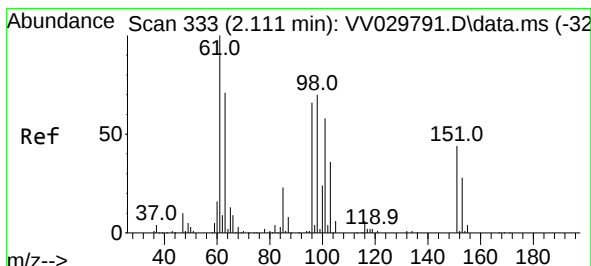
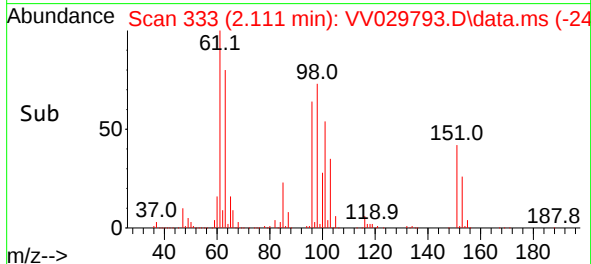
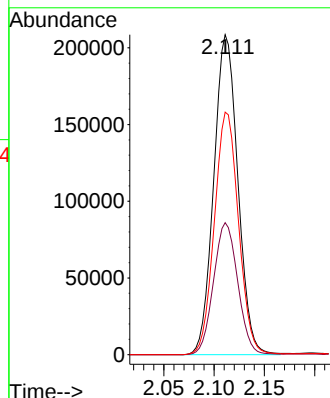
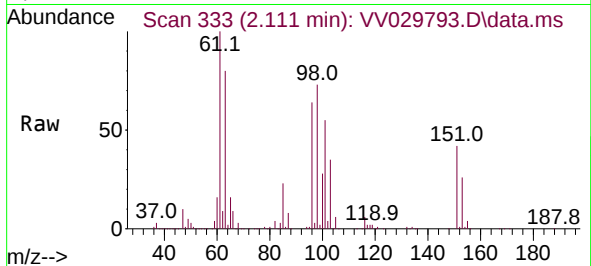




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.316 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

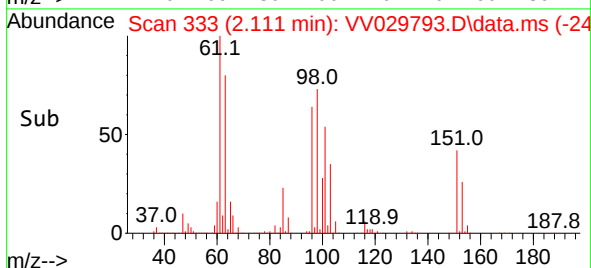
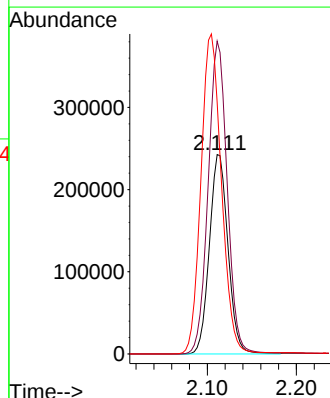
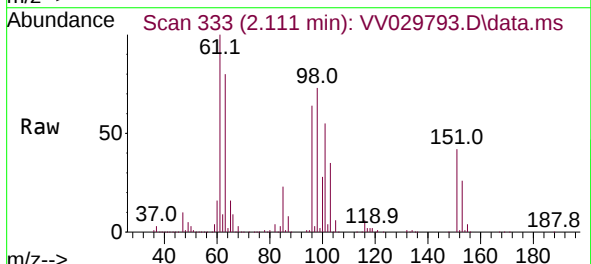
Instrument :
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 ClientSampleId :

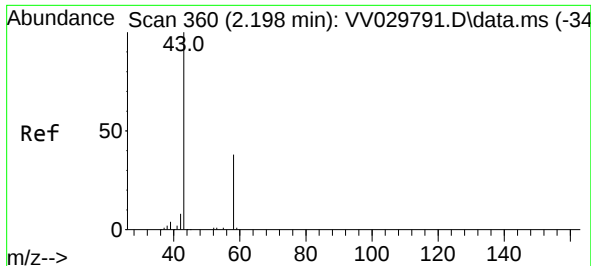
Tgt Ion:101 Resp: 347382
 Ion Ratio Lower Upper
 101 100
 85 41.5 32.9 49.3
 151 76.2 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 28.393 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

Tgt Ion: 96 Resp: 350960
 Ion Ratio Lower Upper
 96 100
 61 156.9 106.1 197.1
 63 126.2 76.4 141.8





#13

Acetone

Concen: 232.144 ug/L

RT: 2.207 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

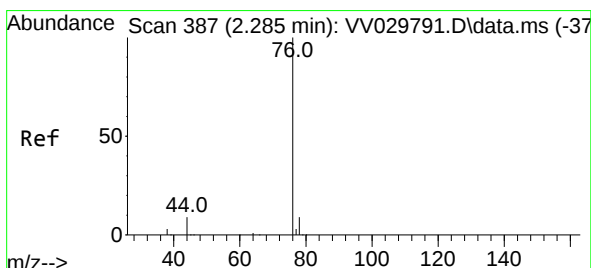
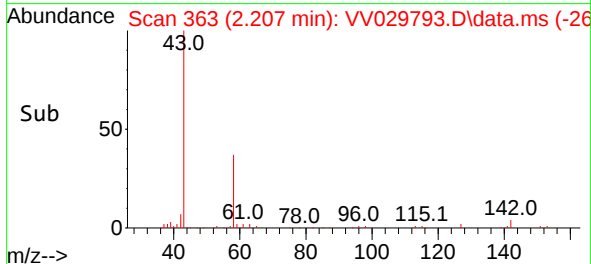
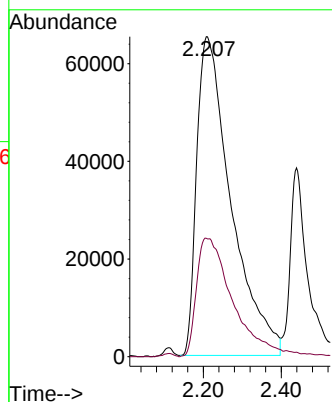
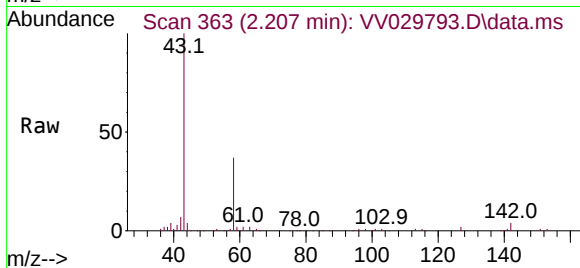
ClientSampleId :

Tgt Ion: 43 Resp: 399267

Ion Ratio Lower Upper

43 100

58 38.7 0.0 68.8



#14

Carbon disulfide

Concen: 31.713 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029793.D

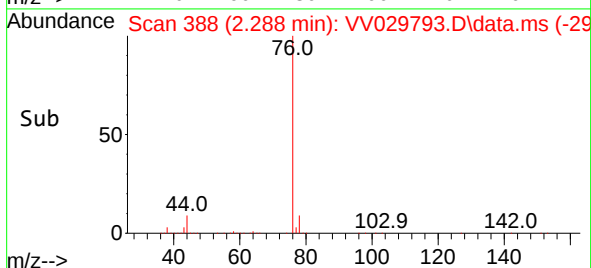
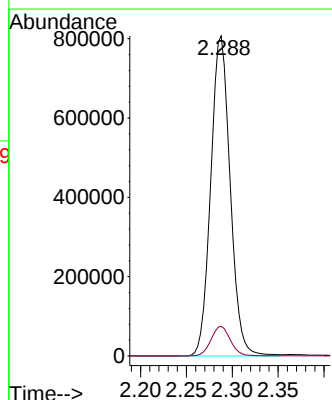
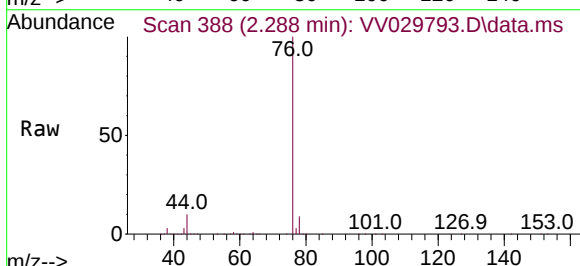
Acq: 12 Jan 2023 18:06

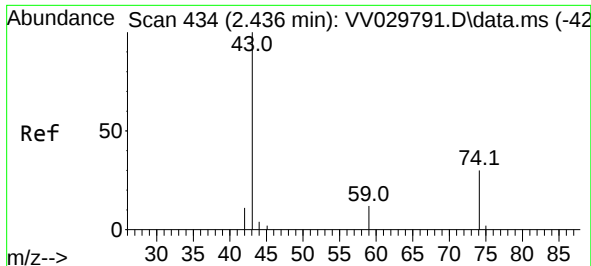
Tgt Ion: 76 Resp: 1188303

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

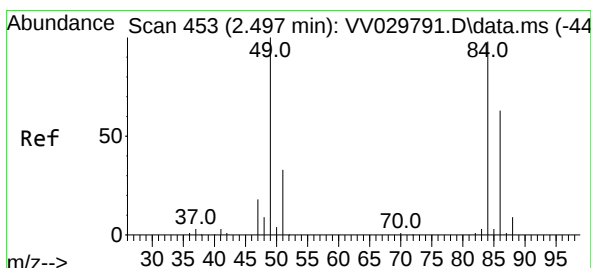
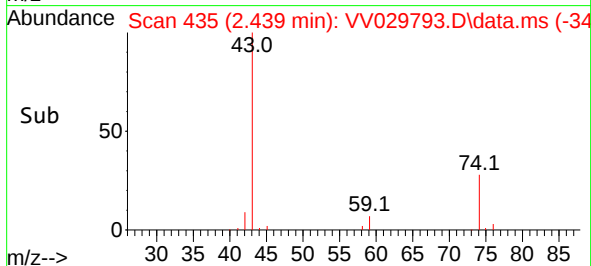
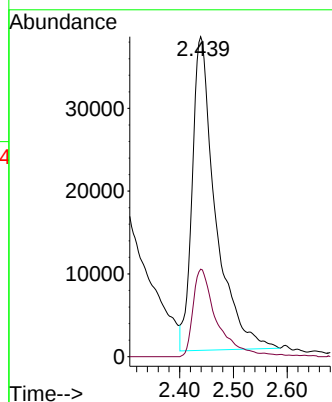
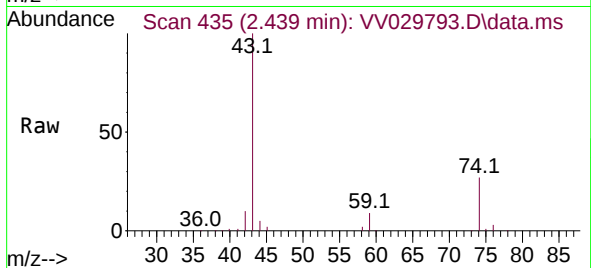




#15
Methyl Acetate
Concen: 23.489 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

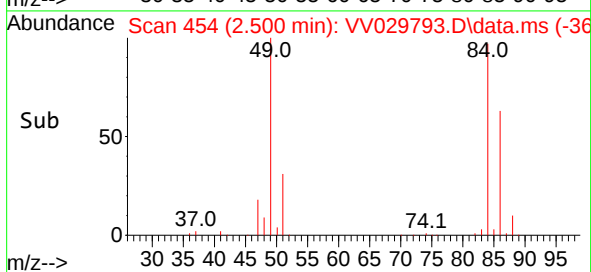
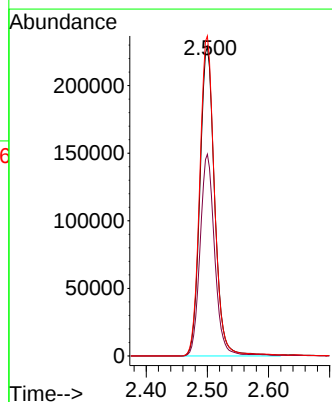
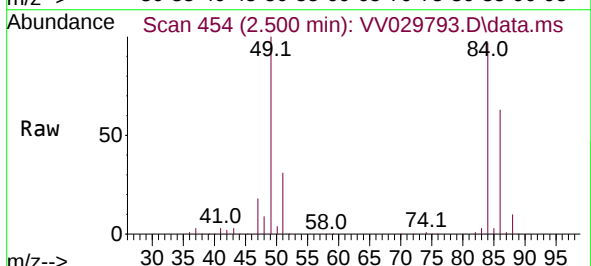
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MSVOA_V
ClientSampleId :

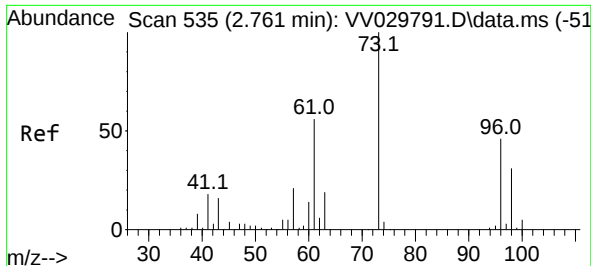
Tgt Ion: 43 Resp: 114180
Ion Ratio Lower Upper
43 100
74 27.8 23.4 35.0



#16
Methylene chloride
Concen: 20.752 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion: 84 Resp: 383780
Ion Ratio Lower Upper
84 100
86 65.2 45.0 83.6
49 103.4 71.5 132.7

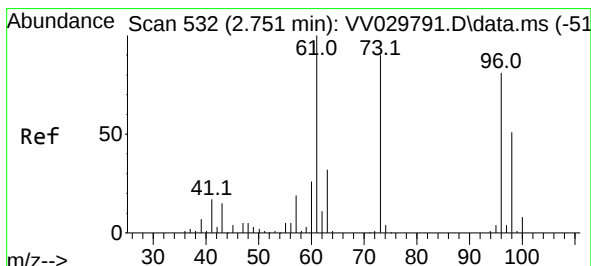
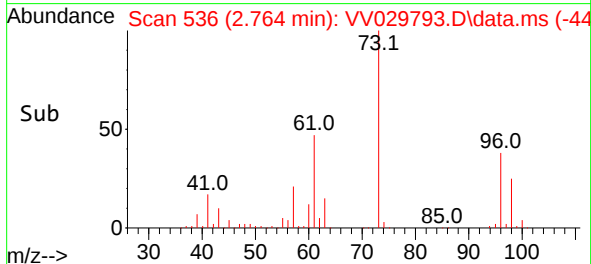
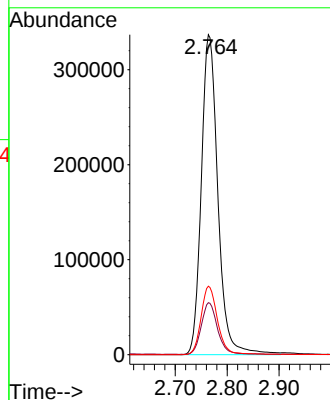
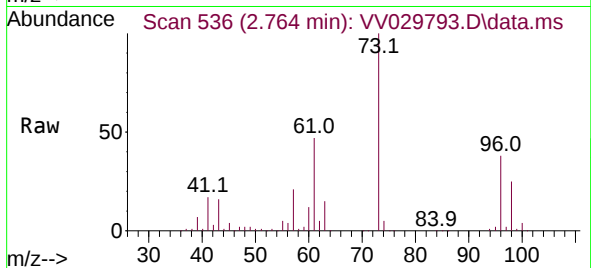




#17
Methyl tert-butyl Ether
Concen: 25.008 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

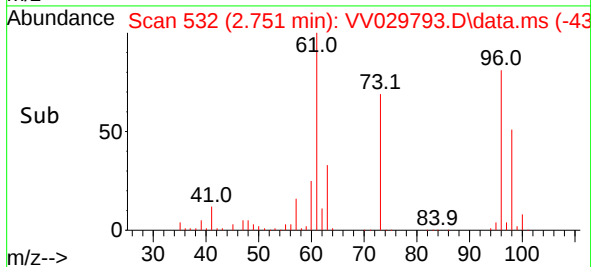
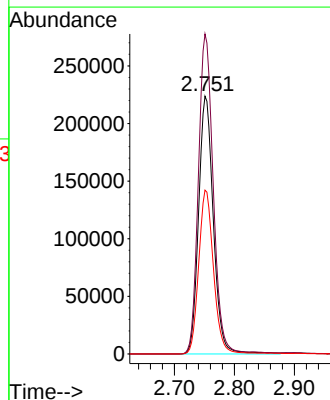
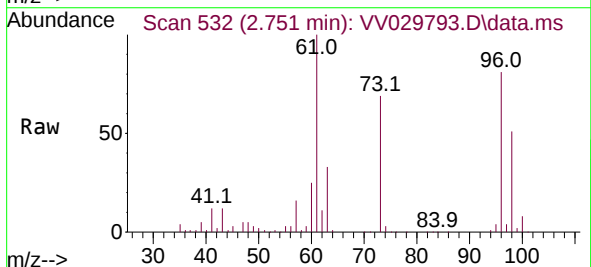
Instrument :
MSVOA_V
ClientSampleId :

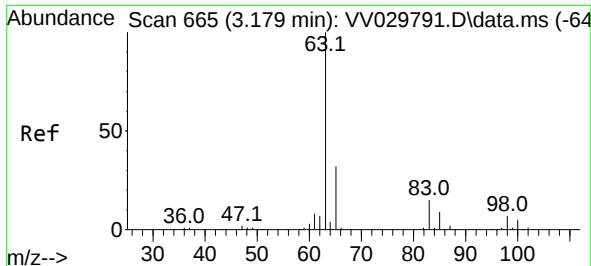
Tgt Ion: 73 Resp: 745967
Ion Ratio Lower Upper
73 100
43 15.7 13.0 19.4
57 21.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 27.540 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion: 96 Resp: 384236
Ion Ratio Lower Upper
96 100
61 124.1 86.1 159.9
98 63.5 43.9 81.5





#19

1,1-Dichloroethane

Concen: 25.603 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

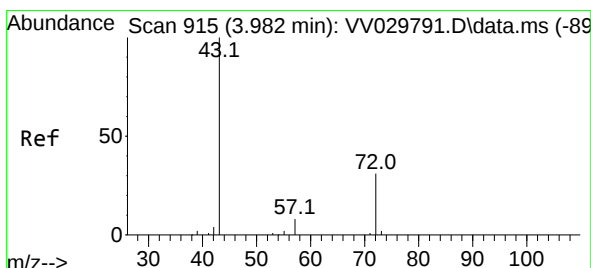
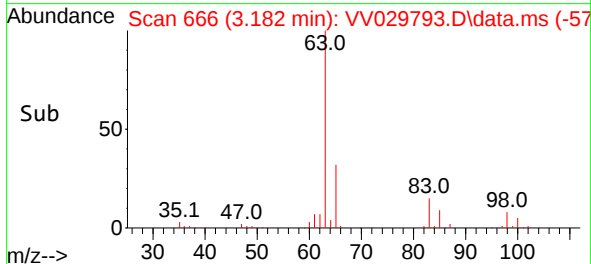
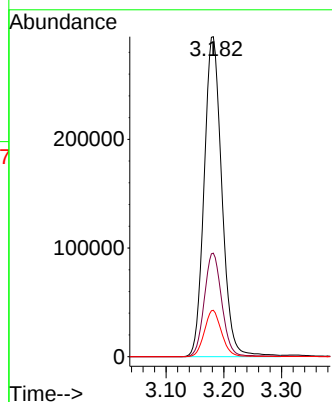
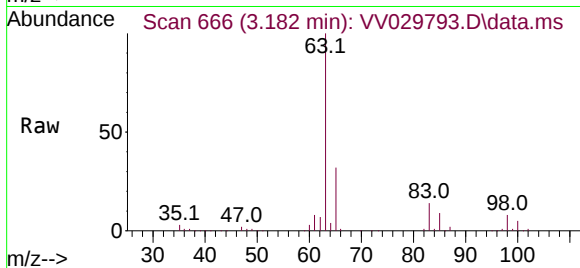
Tgt Ion: 63 Resp: 628192

Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 14.5 10.2 19.0



#21

2-Butanone

Concen: 262.332 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.003 min

Lab File: VV029793.D

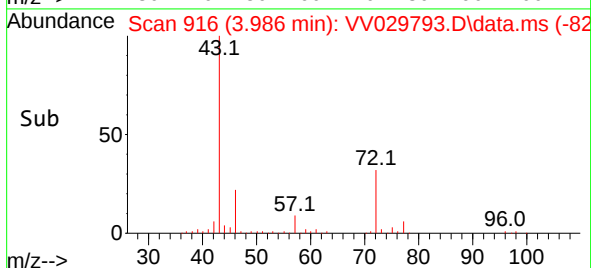
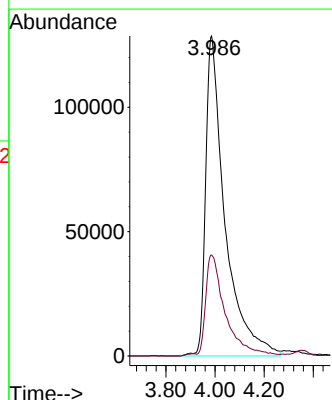
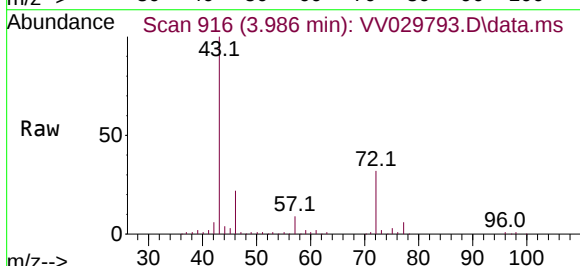
Acq: 12 Jan 2023 18:06

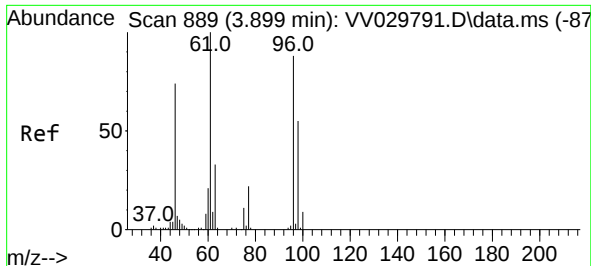
Tgt Ion: 43 Resp: 699846

Ion Ratio Lower Upper

43 100

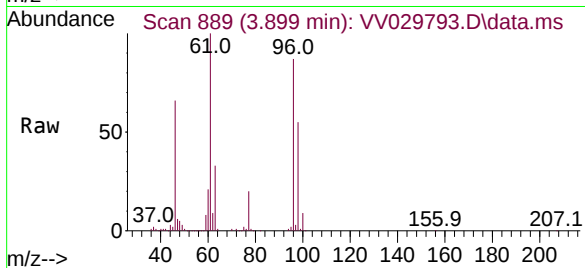
72 29.7 13.9 41.6





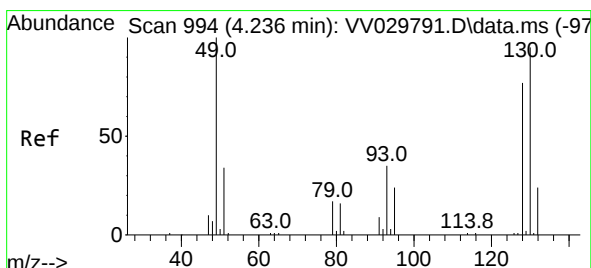
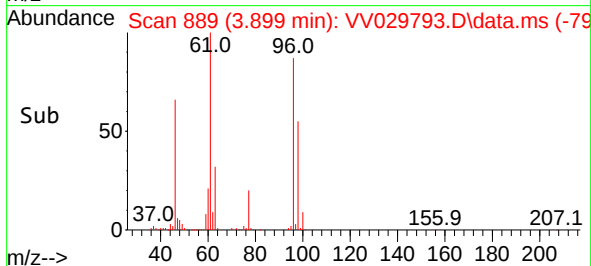
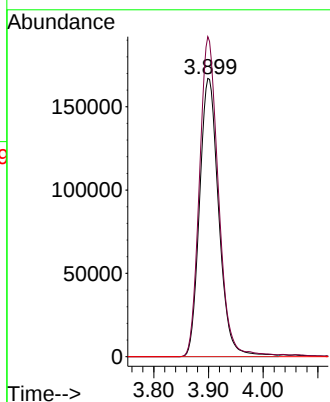
#22
 cis-1,2-Dichloroethene
 Concen: 26.045 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 406729

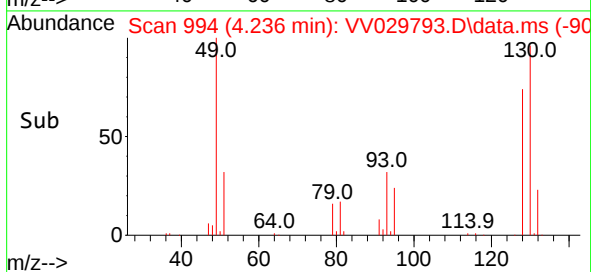
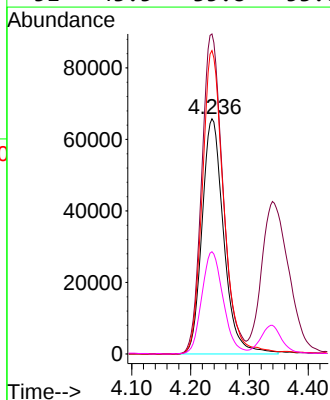
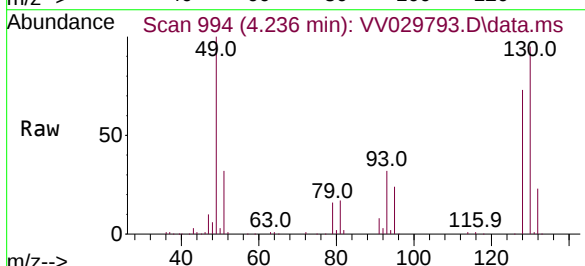
Ion	Ratio	Lower	Upper
96	100		
61	115.0	80.0	148.6
68	0.0	0.0	0.0

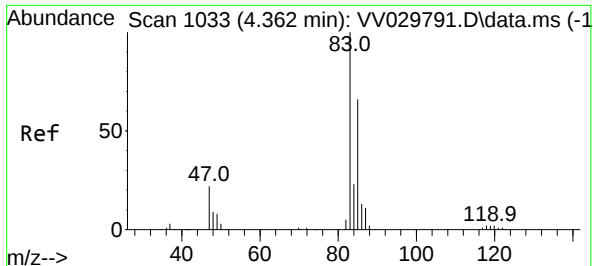


#23
 Bromochloromethane
 Concen: 26.592 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. -0.000 min
 Lab File: VV029793.D
 Acq: 12 Jan 2023 18:06

Tgt Ion: 128 Resp: 167636

Ion	Ratio	Lower	Upper
128	100		
49	136.1	91.2	169.4
130	129.0	87.0	161.6
51	43.5	35.8	53.6





#25

Chloroform

Concen: 25.149 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

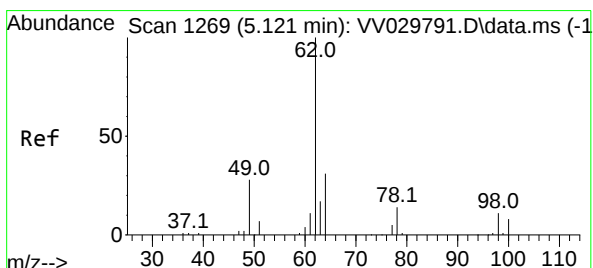
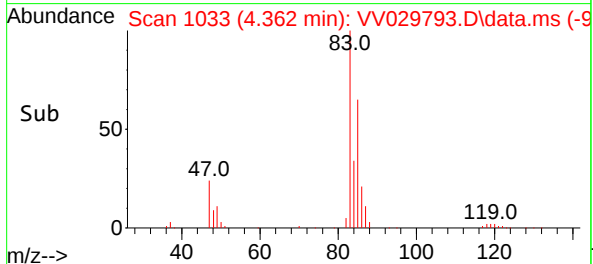
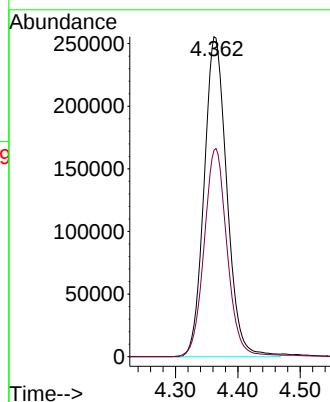
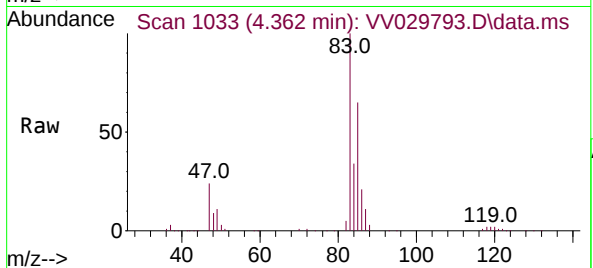
ClientSampleId :

Tgt Ion: 83 Resp: 647027

Ion Ratio Lower Upper

83 100

85 64.6 46.5 86.5



#27

1,2-Dichloroethane

Concen: 24.796 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV029793.D

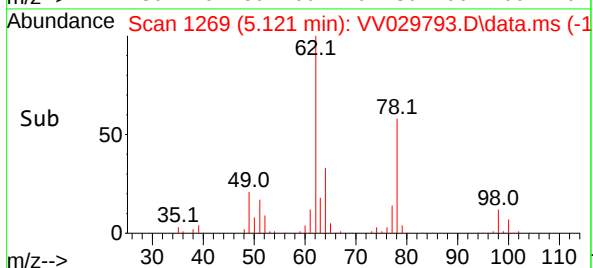
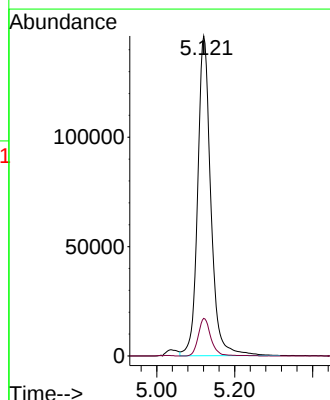
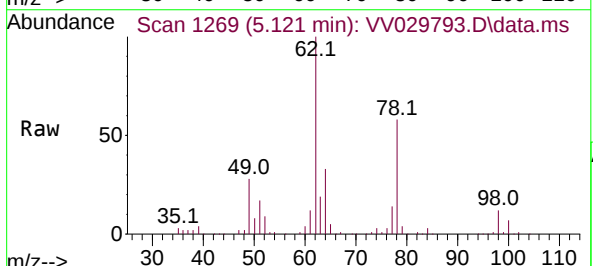
Acq: 12 Jan 2023 18:06

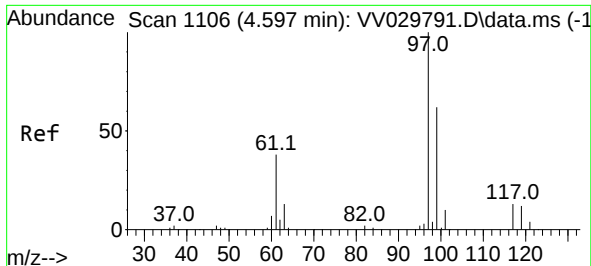
Tgt Ion: 62 Resp: 342638

Ion Ratio Lower Upper

62 100

98 11.8 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 23.222 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

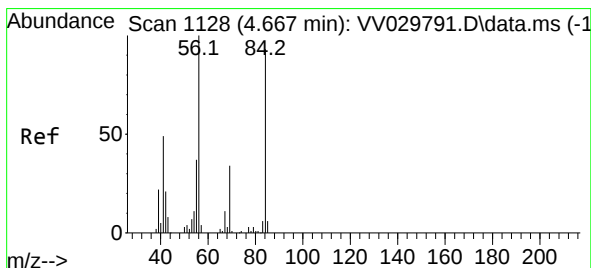
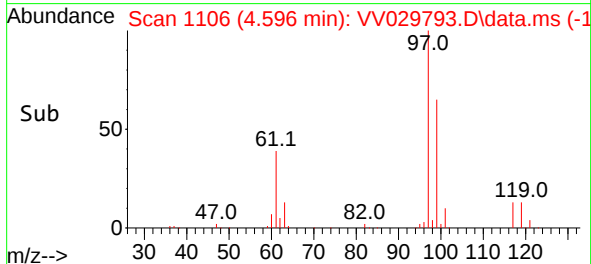
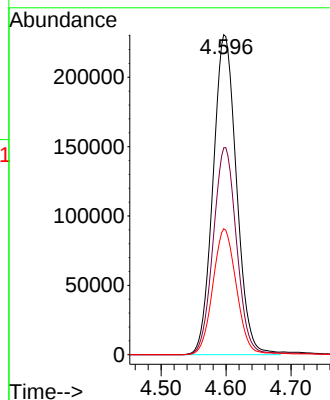
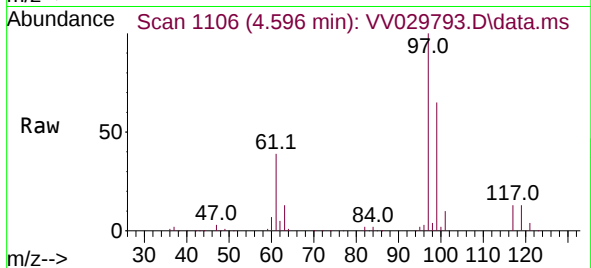
Tgt Ion: 97 Resp: 578740

Ion Ratio Lower Upper

97 100

99 64.7 51.3 76.9

61 39.7 31.6 47.4



#30

Cyclohexane

Concen: 24.843 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

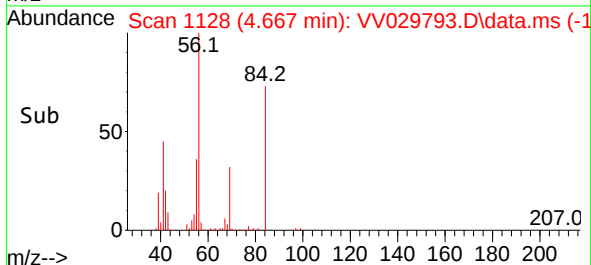
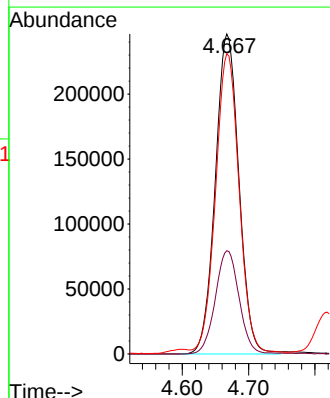
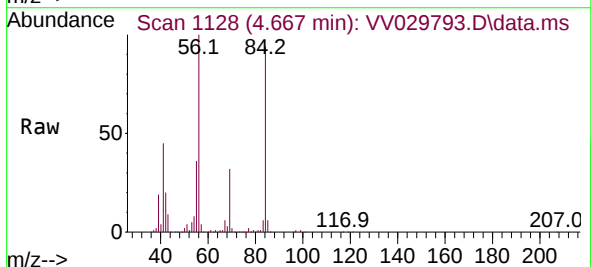
Tgt Ion: 56 Resp: 608668

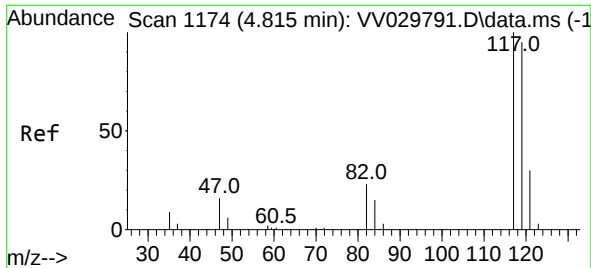
Ion Ratio Lower Upper

56 100

69 32.5 26.7 40.1

84 93.8 73.8 110.8

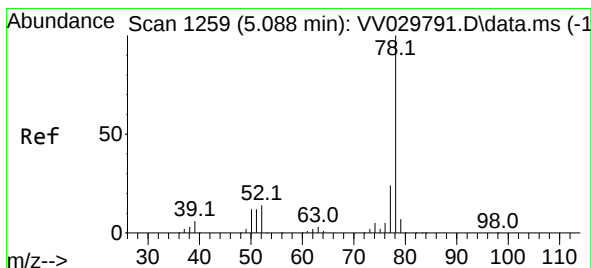
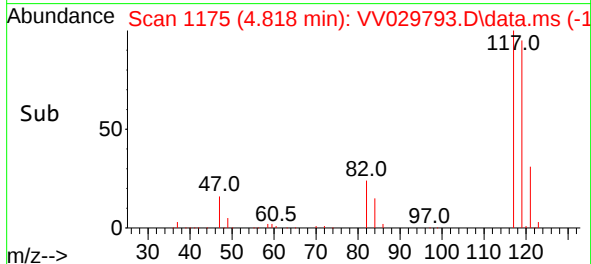
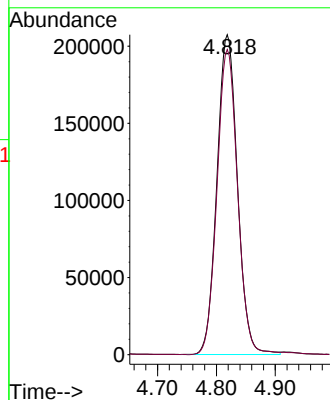
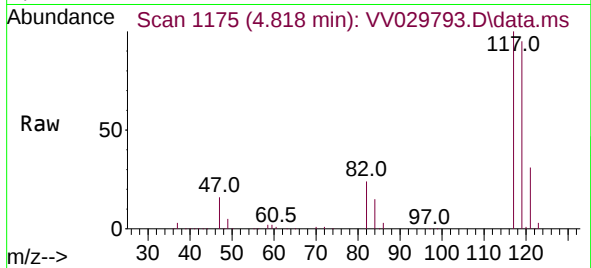




#31
Carbon tetrachloride
Concen: 23.717 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

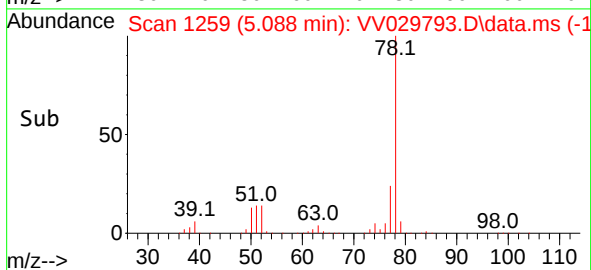
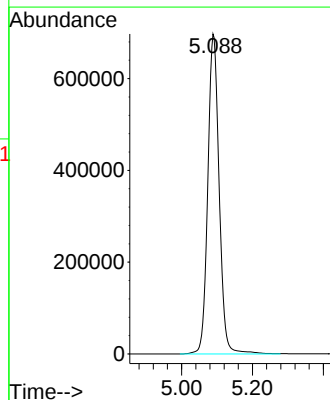
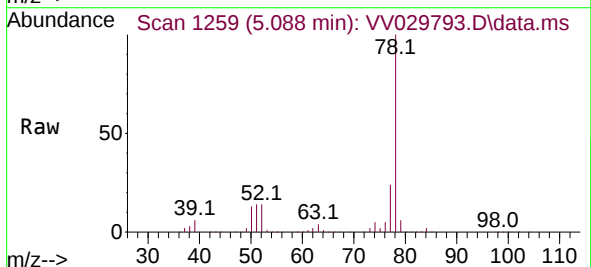
Instrument :
MSVOA_V
ClientSampleId :

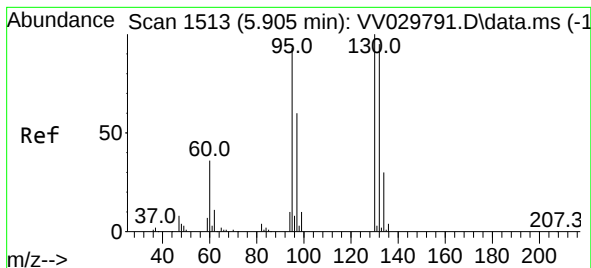
Tgt Ion:117 Resp: 501960
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 23.833 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion: 78 Resp: 1549751





#34

Trichloroethene

Concen: 23.685 ug/L

RT: 5.905 min Scan# 1513

Delta R.T. -0.000 min

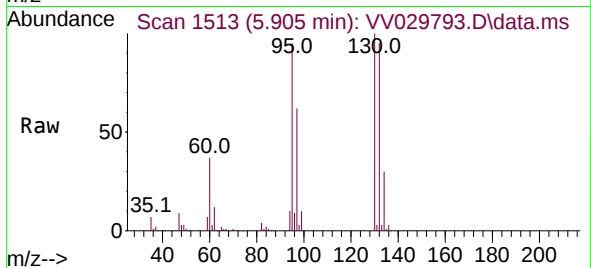
Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 391271

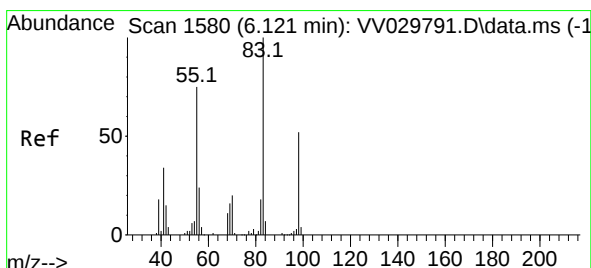
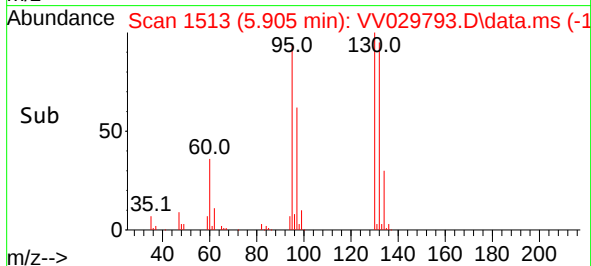
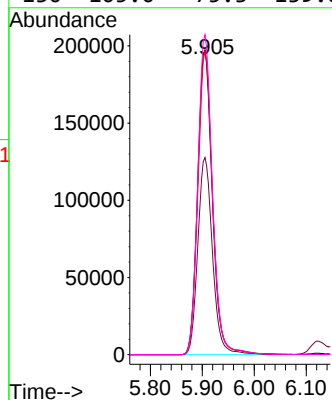
Ion Ratio Lower Upper

95 100

97 64.7 44.9 83.3

132 99.6 71.8 133.4

130 105.0 75.3 139.8



#35

Methylcyclohexane

Concen: 25.041 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

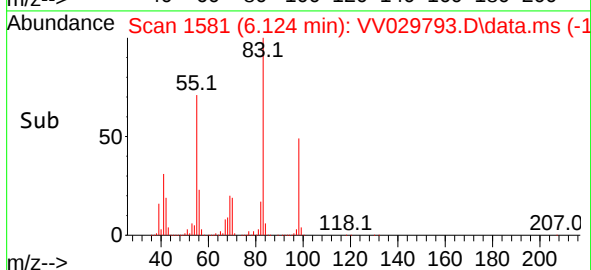
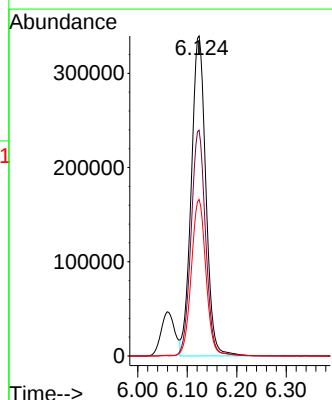
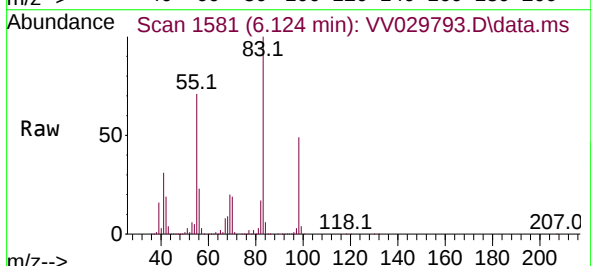
Tgt Ion: 83 Resp: 695044

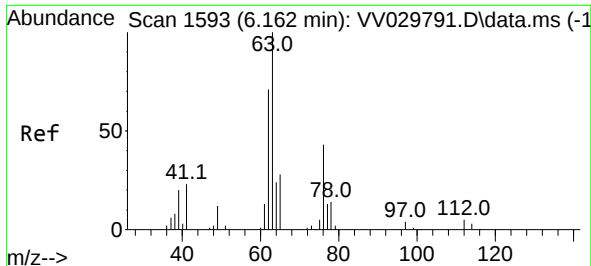
Ion Ratio Lower Upper

83 100

55 70.2 57.3 85.9

98 49.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 23.429 ug/L

RT: 6.165 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

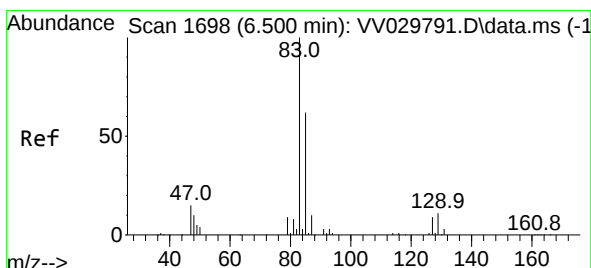
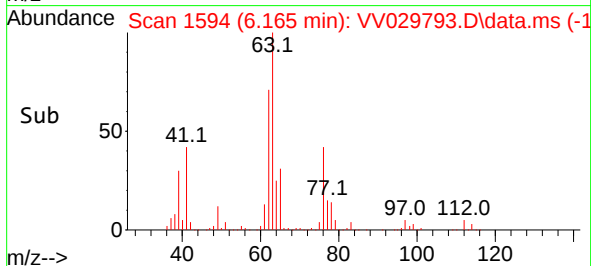
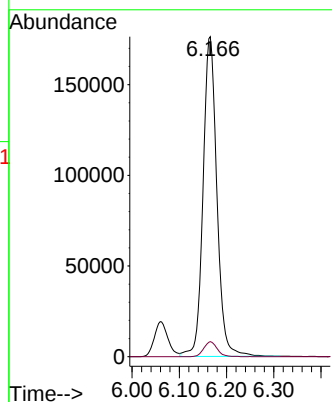
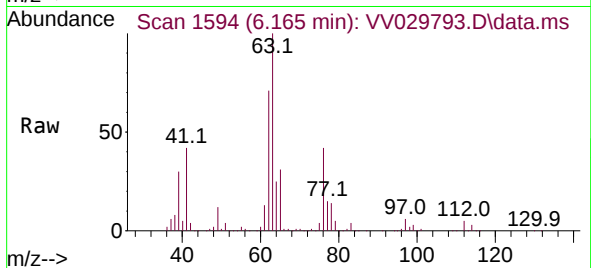
ClientSampleId :

Tgt Ion: 63 Resp: 358669

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 24.444 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

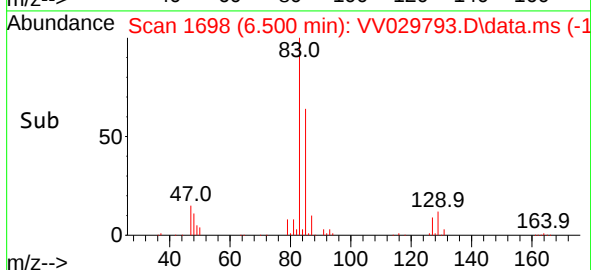
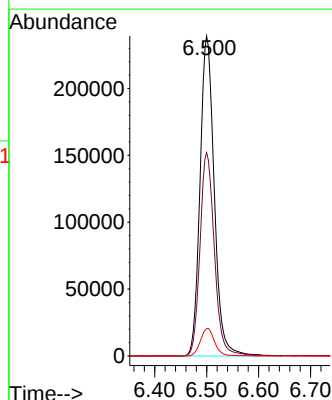
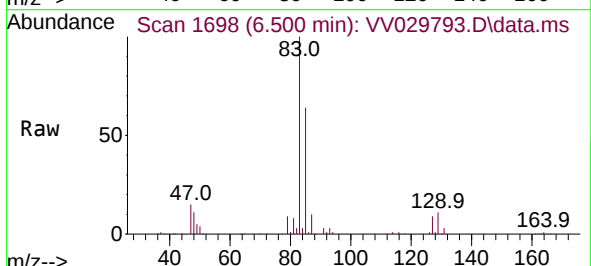
Tgt Ion: 83 Resp: 455258

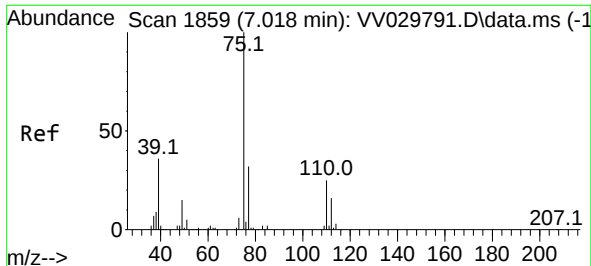
Ion Ratio Lower Upper

83 100

85 63.6 43.2 80.2

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 23.750 ug/L

RT: 7.018 min Scan# 1859

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

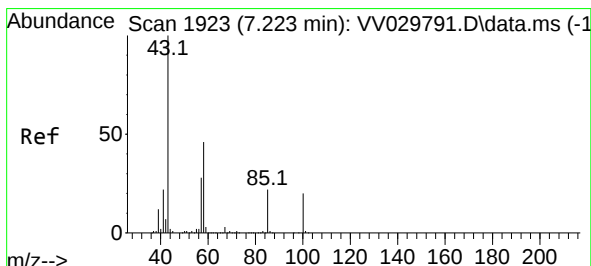
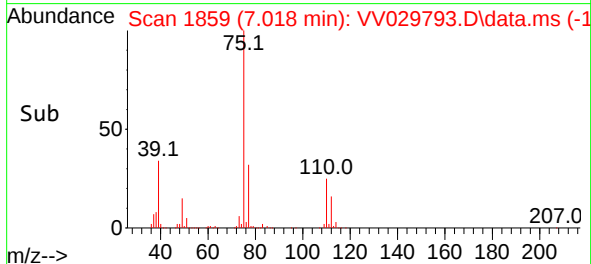
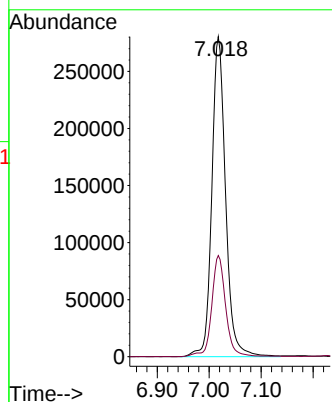
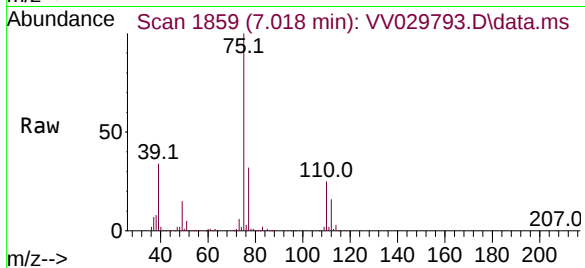
ClientSampleId :

Tgt Ion: 75 Resp: 516191

Ion Ratio Lower Upper

75 100

77 31.6 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 235.572 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

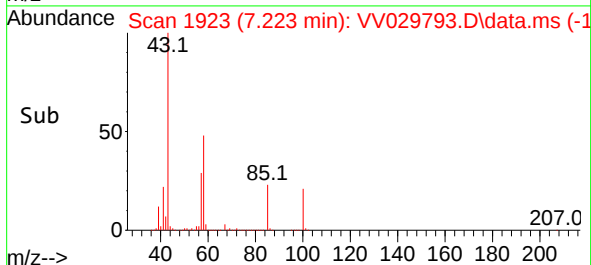
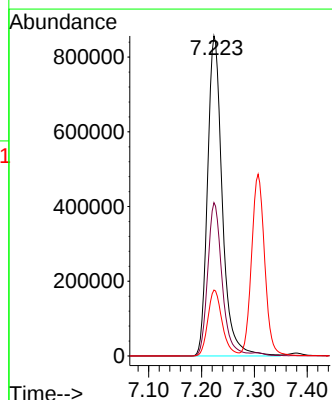
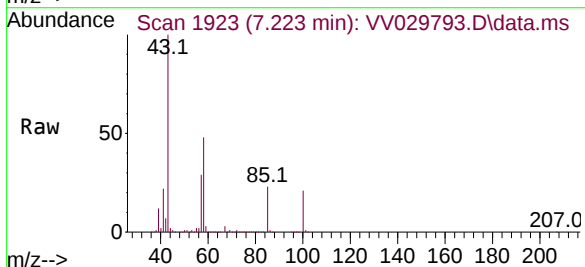
Tgt Ion: 43 Resp: 1657782

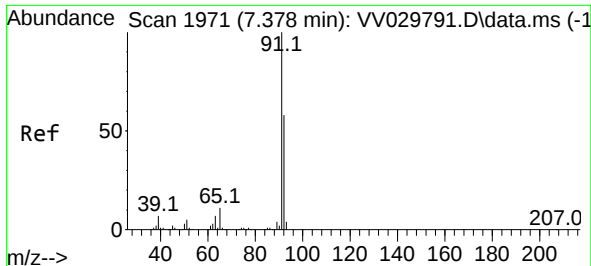
Ion Ratio Lower Upper

43 100

58 46.8 36.7 55.1

100 20.1 15.6 23.4





#42

Toluene

Concen: 24.076 ug/L

RT: 7.378 min Scan# 1971

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

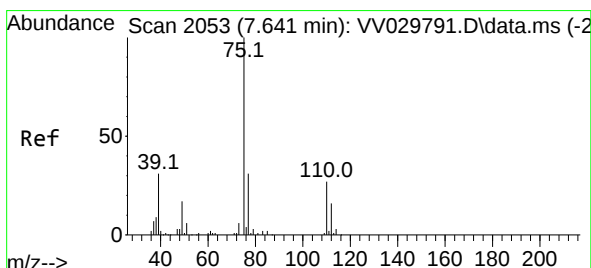
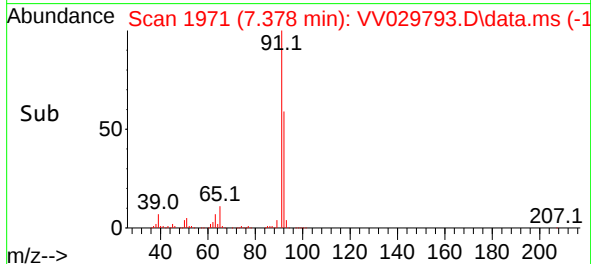
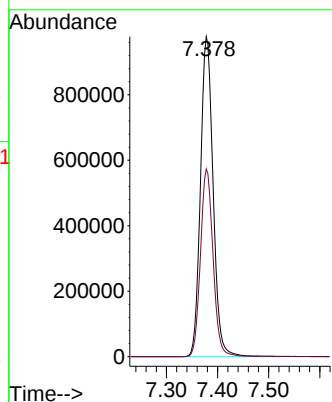
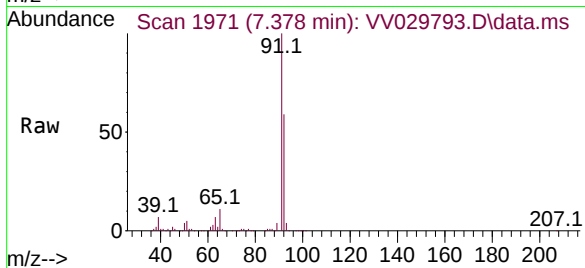
ClientSampleId :

Tgt Ion: 91 Resp: 1682883

Ion Ratio Lower Upper

91 100

92 58.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 24.186 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VV029793.D

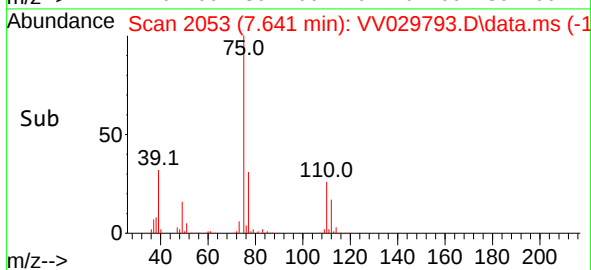
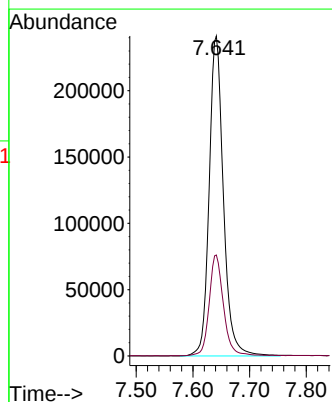
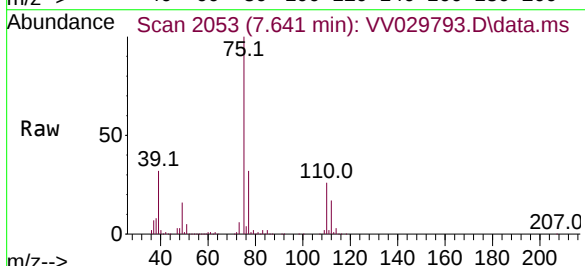
Acq: 12 Jan 2023 18:06

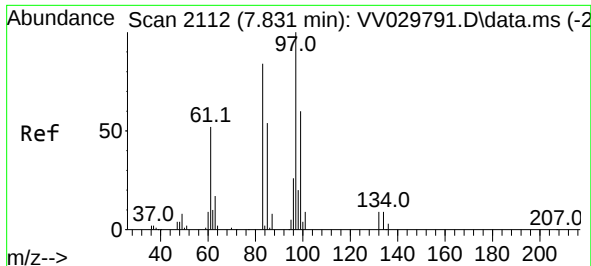
Tgt Ion: 75 Resp: 420541

Ion Ratio Lower Upper

75 100

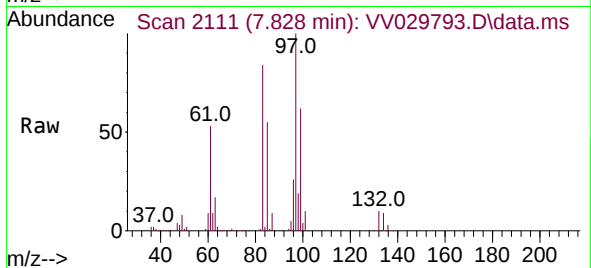
77 31.5 21.9 40.7



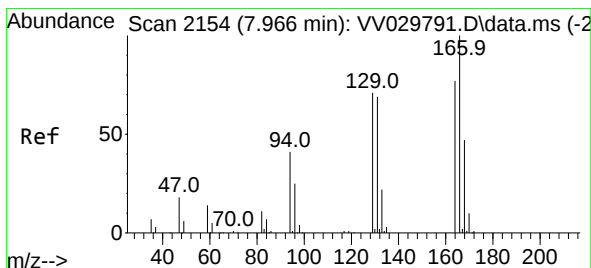
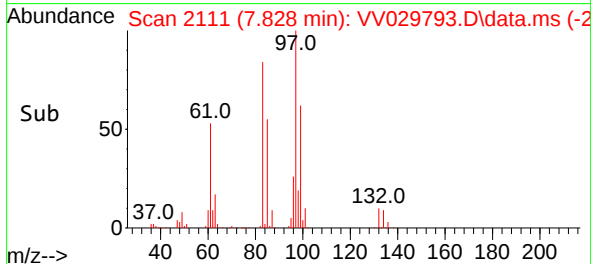
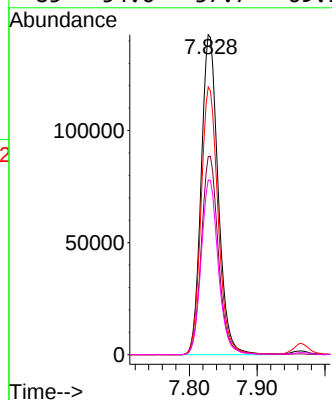


#45
1,1,2-Trichloroethane
Concen: 23.835 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Instrument :
MSVOA_V
ClientSampleId :

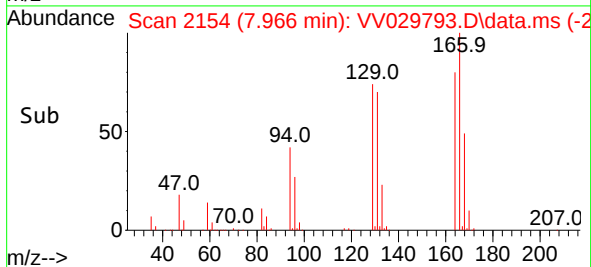
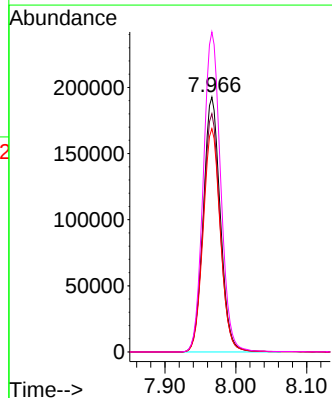
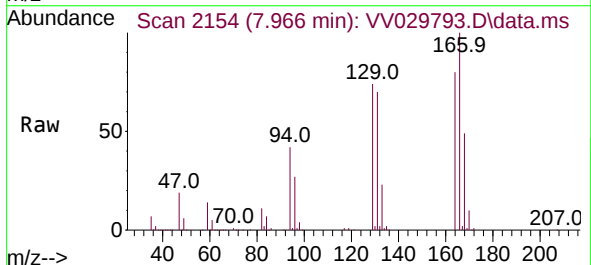


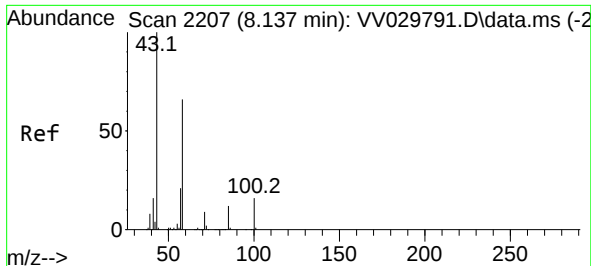
Tgt Ion:	97	Resp:	248883
Ion	Ratio	Lower	Upper
97	100		
99	61.9	41.9	77.7
83	83.7	58.7	109.1
85	54.6	37.7	69.9



#47
Tetrachloroethene
Concen: 23.586 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion:	164	Resp:	321406
Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.5	119.7
131	87.6	62.9	116.7
166	125.6	90.7	168.5



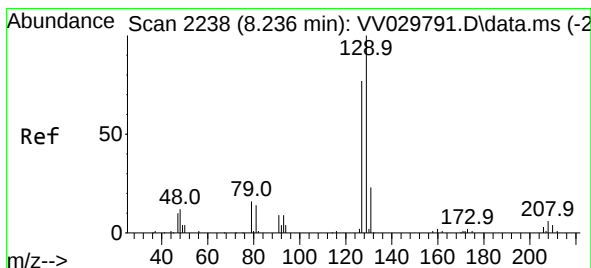
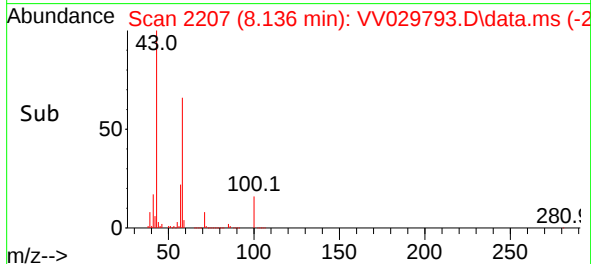
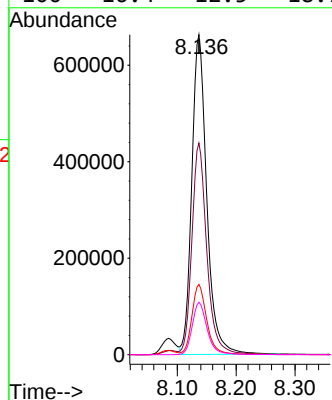
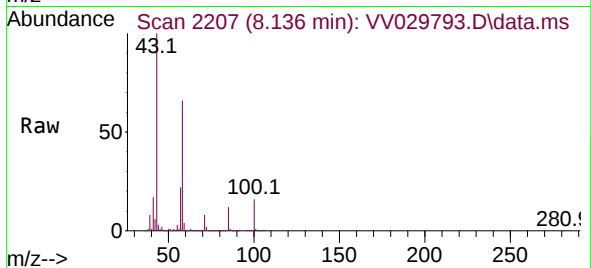


#48
2-Hexanone
Concen: 237.540 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 1172056

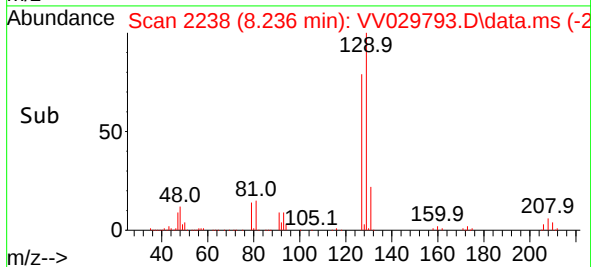
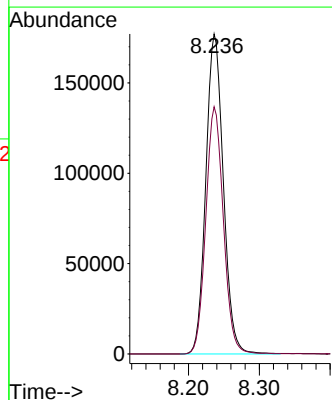
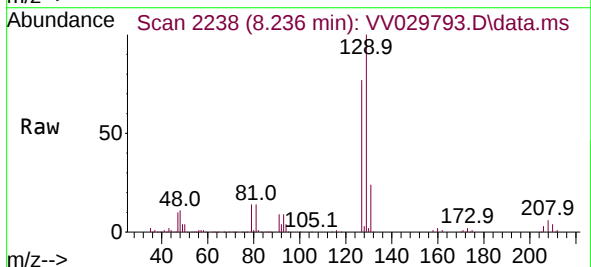
Ion	Ratio	Lower	Upper
43	100		
58	66.3	51.4	77.2
57	21.5	17.0	25.6
100	16.4	12.5	18.7

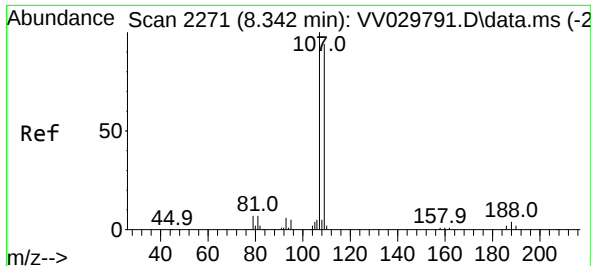


#49
Dibromochloromethane
Concen: 25.582 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion: 129 Resp: 303832

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.1	100.5





#50

1,2-Dibromoethane

Concen: 24.999 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

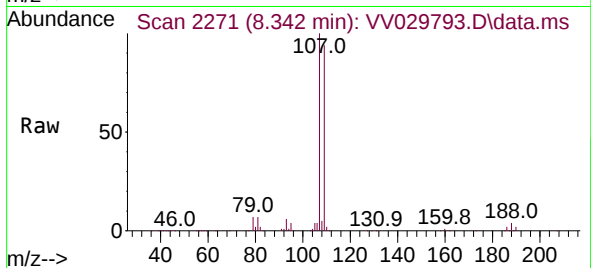
Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :



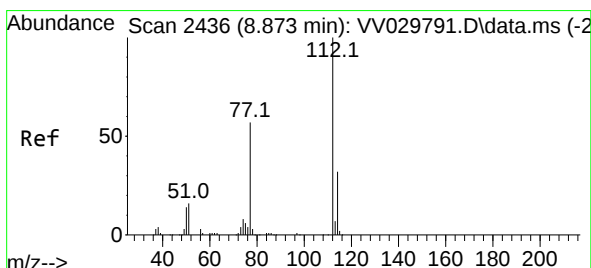
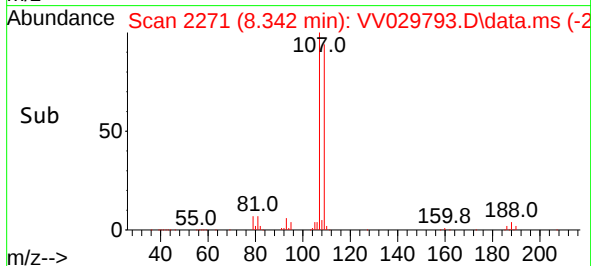
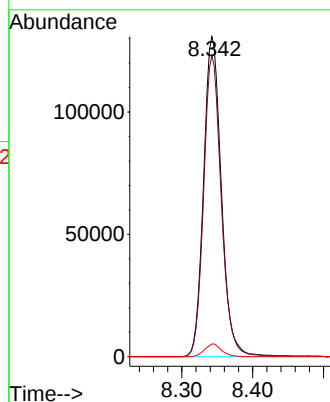
Tgt Ion:107 Resp: 227860

Ion Ratio Lower Upper

107 100

109 94.1 66.1 122.7

188 3.9 2.9 4.3



#51

Chlorobenzene

Concen: 24.126 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

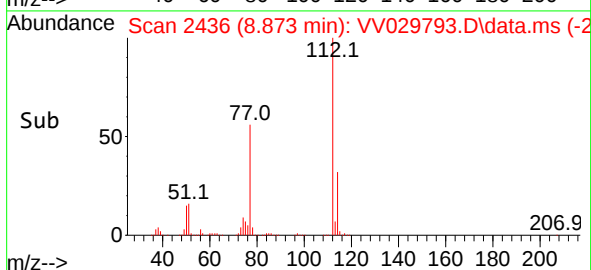
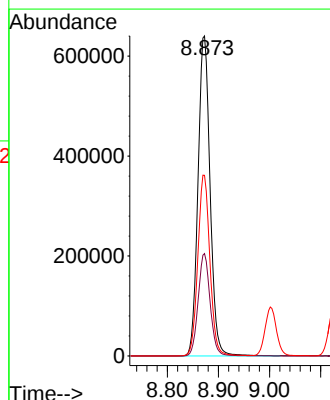
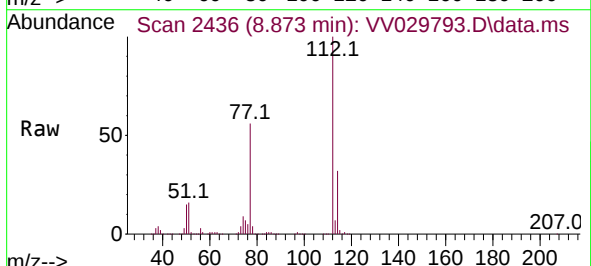
Tgt Ion:112 Resp: 1052557

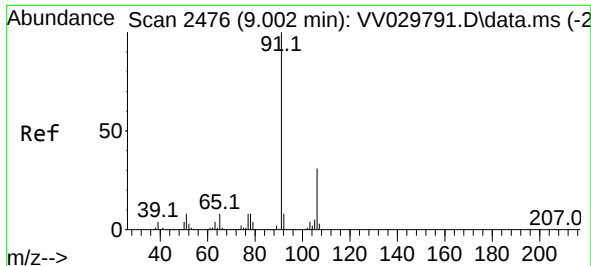
Ion Ratio Lower Upper

112 100

114 32.0 22.5 41.9

77 56.5 46.1 69.1

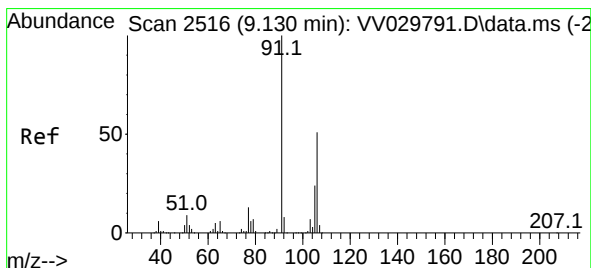
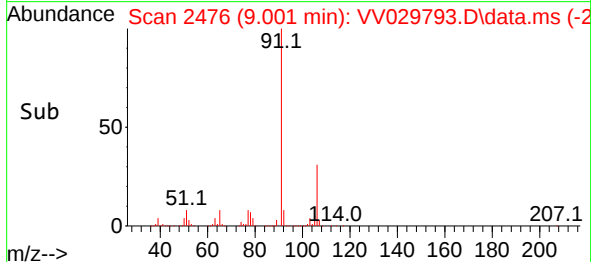
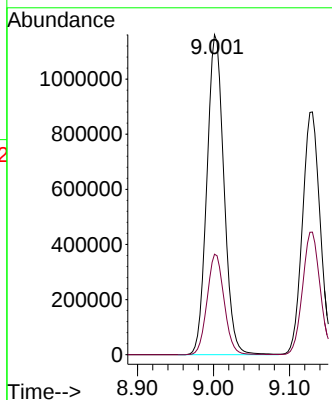
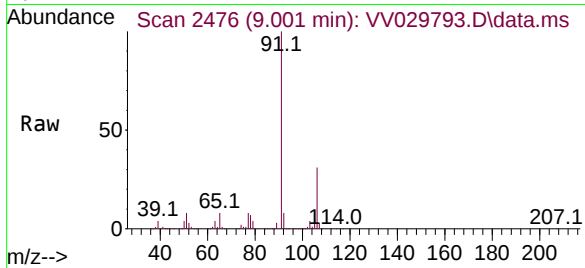




#52
Ethylbenzene
Concen: 24.907 ug/L
RT: 9.001 min Scan# 2476
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

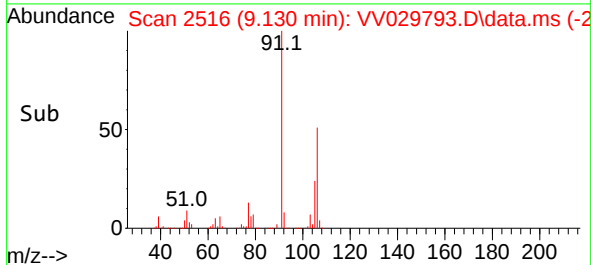
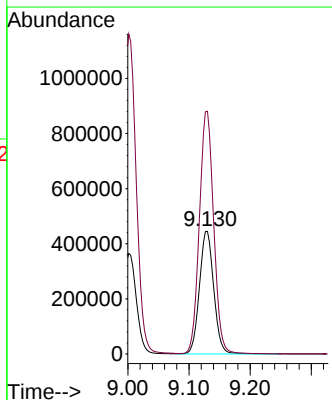
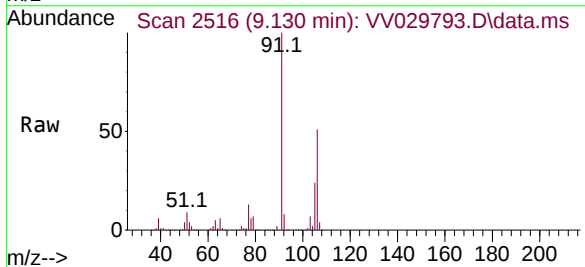
Instrument :
MSVOA_V
ClientSampleId :

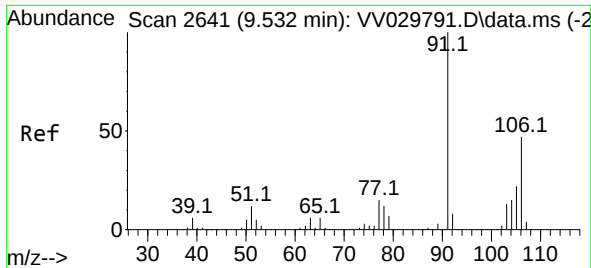
Tgt Ion: 91 Resp: 1807651
Ion Ratio Lower Upper
91 100
106 31.4 21.9 40.7



#53
m,p-Xylene
Concen: 24.998 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion:106 Resp: 719957
Ion Ratio Lower Upper
106 100
91 197.9 138.7 257.7

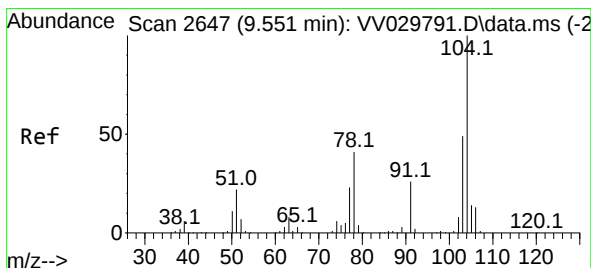
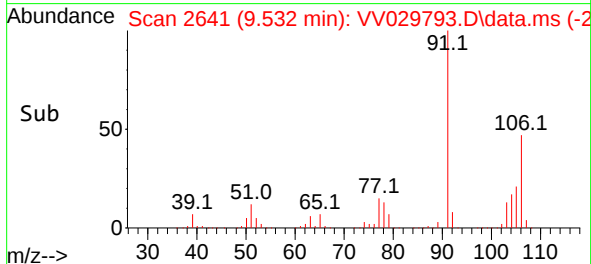
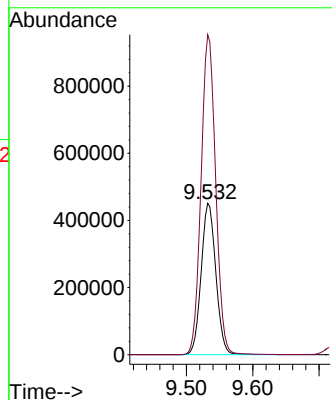
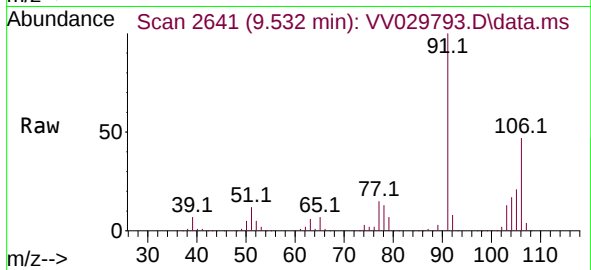




#54
o-Xylene
Concen: 24.755 ug/L
RT: 9.532 min Scan# 2641
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

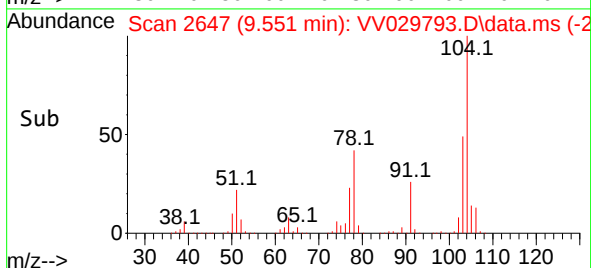
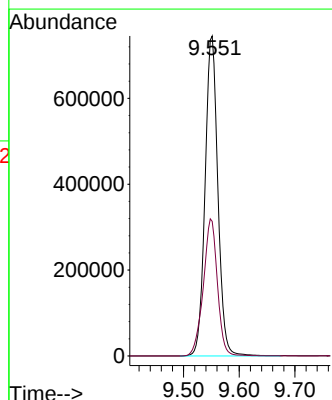
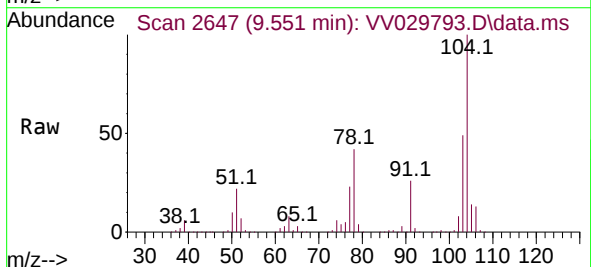
Instrument :
MSVOA_V
ClientSampleId :

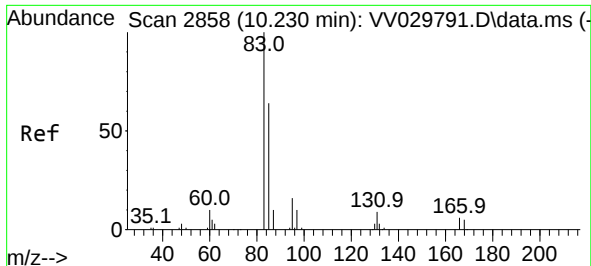
Tgt Ion:106 Resp: 690574
Ion Ratio Lower Upper
106 100
91 211.5 147.7 274.3



#55
Styrene
Concen: 24.995 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion:104 Resp: 1188869
Ion Ratio Lower Upper
104 100
78 42.0 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 25.432 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

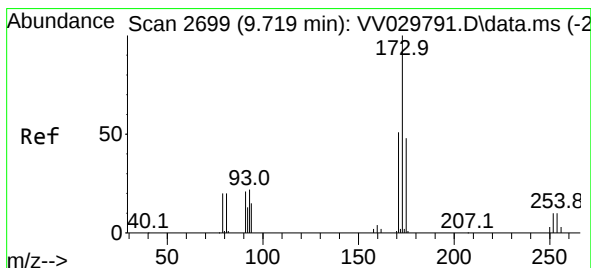
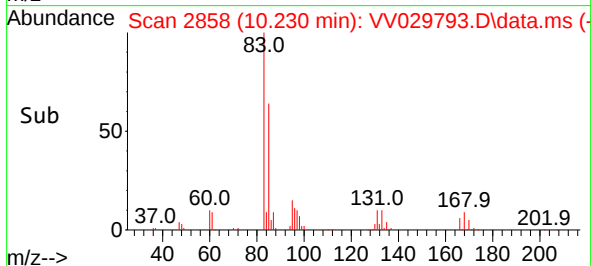
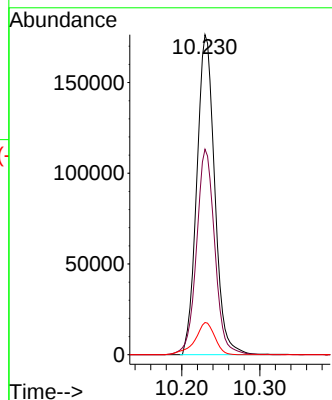
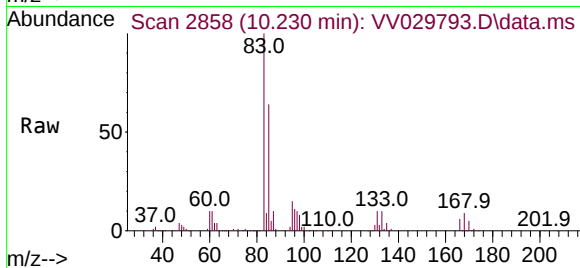
Tgt Ion: 83 Resp: 280886

Ion Ratio Lower Upper

83 100

85 64.2 46.0 85.4

131 10.1 8.4 12.6



#59

Bromoform

Concen: 24.982 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.003 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

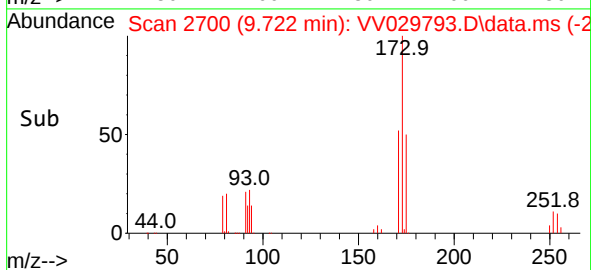
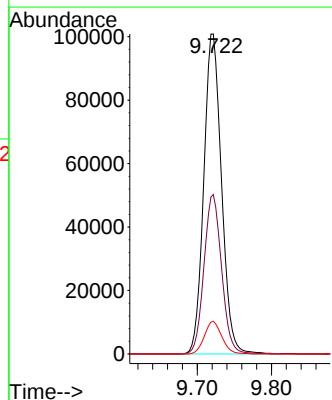
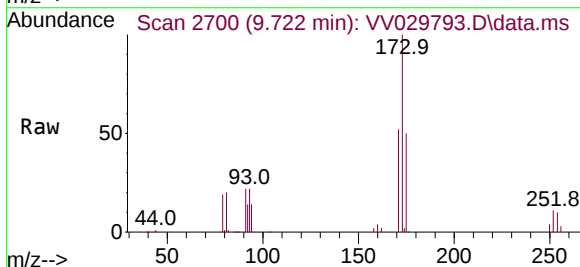
Tgt Ion: 173 Resp: 167318

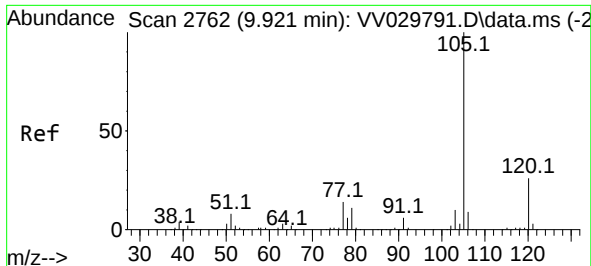
Ion Ratio Lower Upper

173 100

175 49.4 38.6 57.8

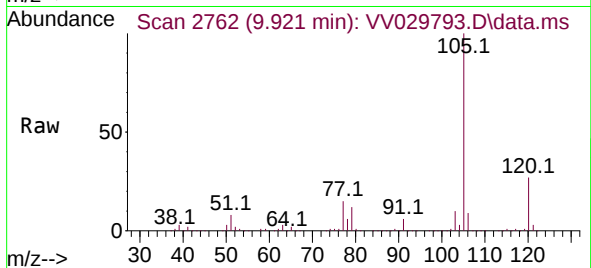
254 10.0 7.9 11.9



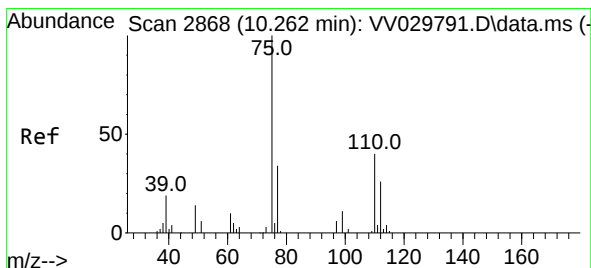
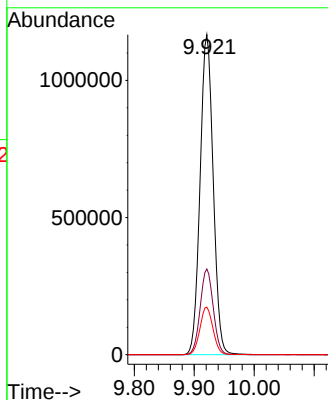
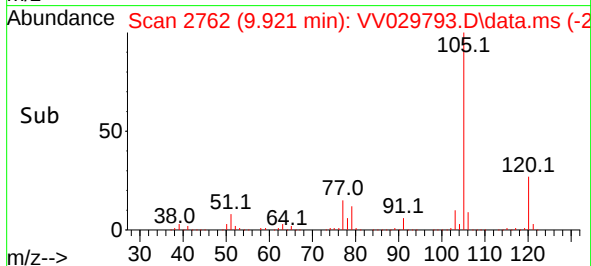


#60
Isopropylbenzene
Concen: 22.673 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

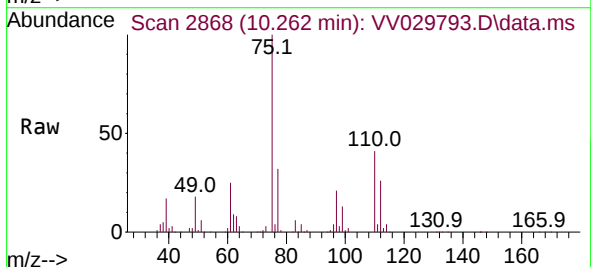
Instrument :
MSVOA_V
ClientSampleId :



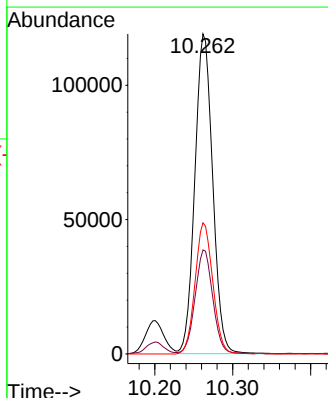
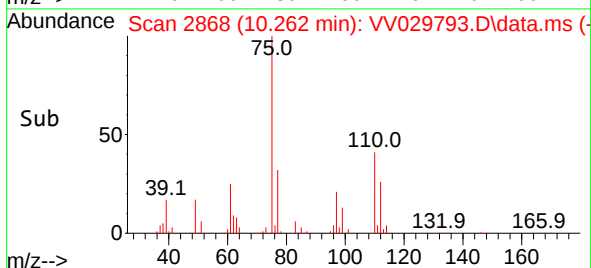
Tgt Ion:105 Resp: 1777576
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 14.9 11.8 17.8

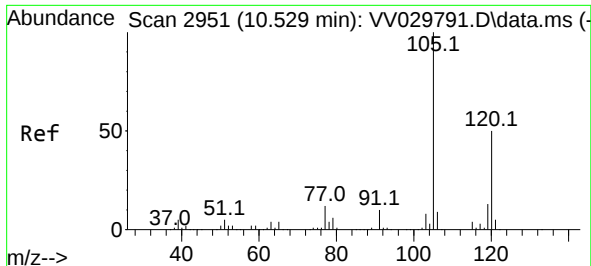


#61
1,2,3-Trichloropropane
Concen: 22.154 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06



Tgt Ion: 75 Resp: 188855
Ion Ratio Lower Upper
75 100
77 32.1 26.5 39.7
110 40.8 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 23.295 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

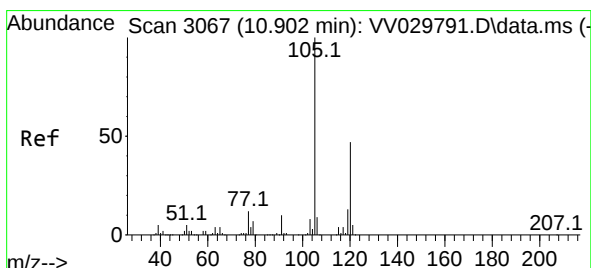
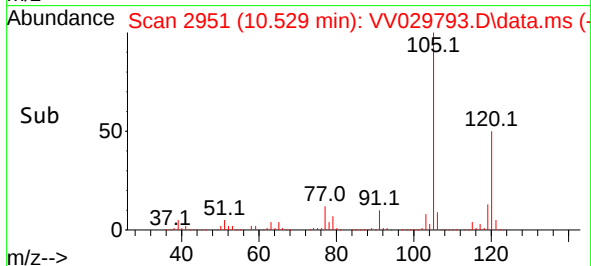
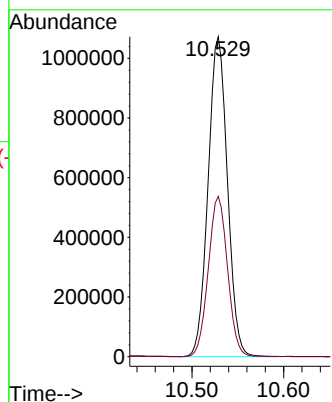
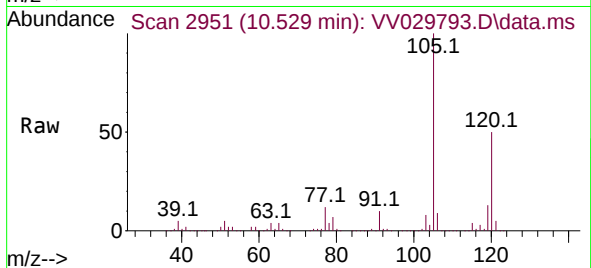
ClientSampleId :

Tgt Ion:105 Resp: 1568515

Ion Ratio Lower Upper

105 100

120 50.0 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 23.368 ug/L

RT: 10.902 min Scan# 3067

Delta R.T. -0.000 min

Lab File: VV029793.D

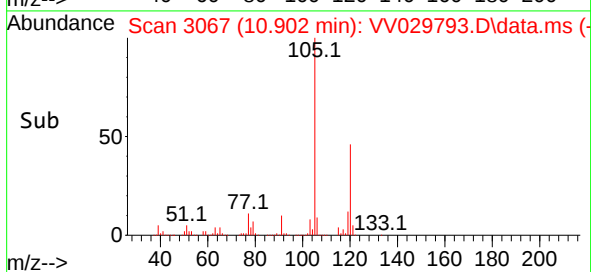
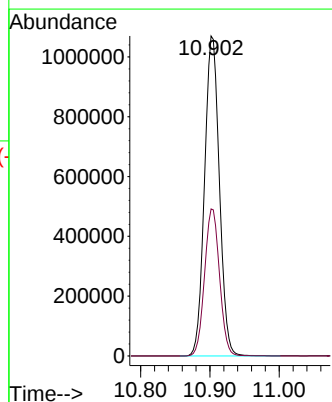
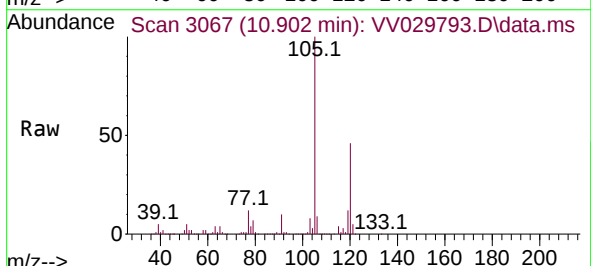
Acq: 12 Jan 2023 18:06

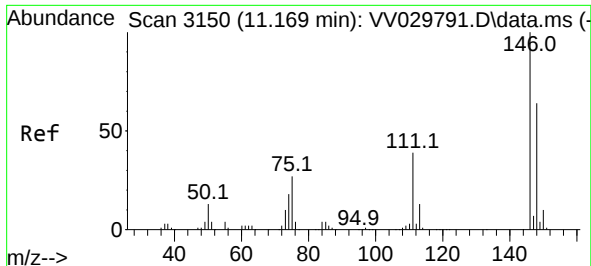
Tgt Ion:105 Resp: 1586629

Ion Ratio Lower Upper

105 100

120 46.3 37.4 56.0

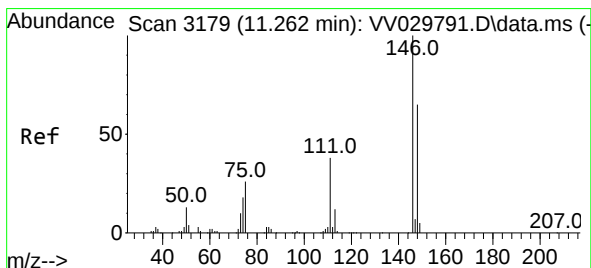
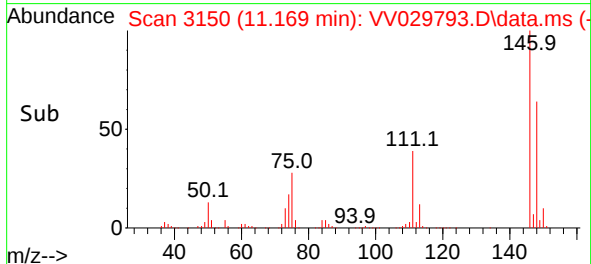
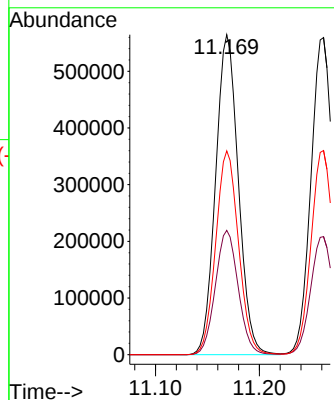
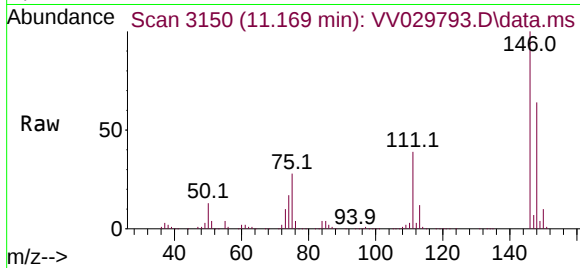




#64
1,3-Dichlorobenzene
Concen: 23.205 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

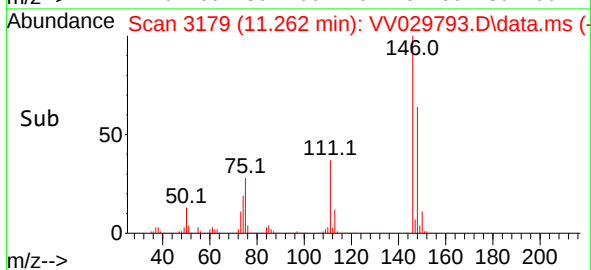
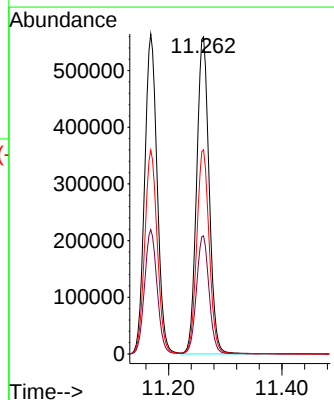
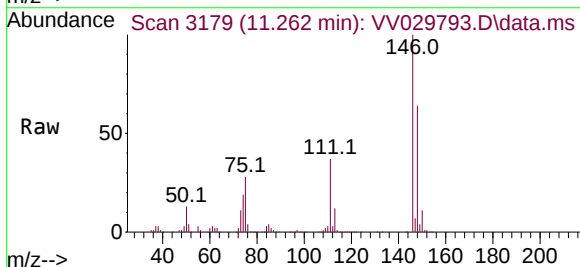
Instrument :
MSVOA_V
ClientSampleId :

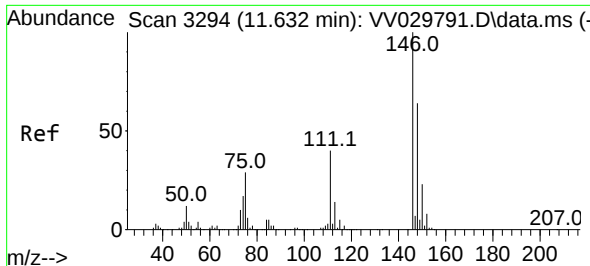
Tgt Ion:146 Resp: 860519
Ion Ratio Lower Upper
146 100
111 38.8 27.2 50.6
148 63.7 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 23.295 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

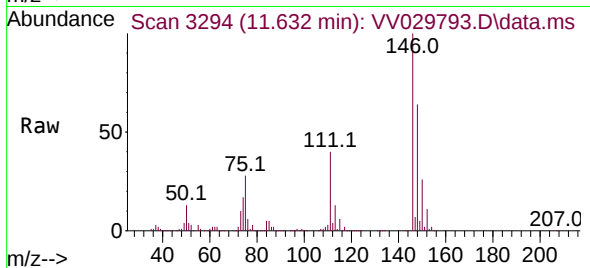
Tgt Ion:146 Resp: 855647
Ion Ratio Lower Upper
146 100
111 37.2 26.5 49.1
148 64.4 45.8 85.2



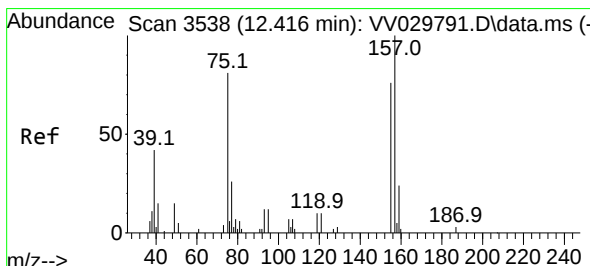
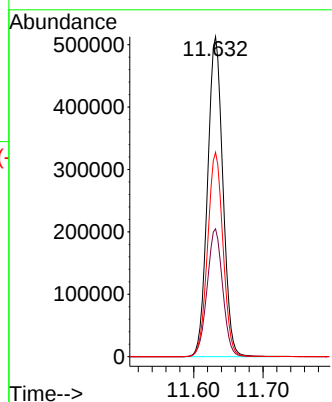
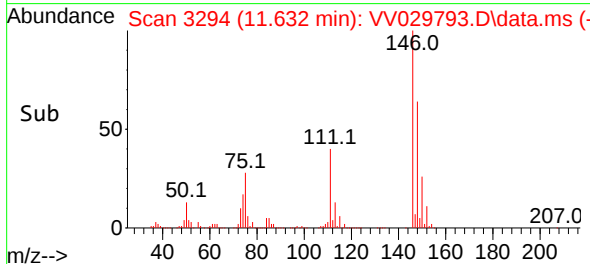


#67
1,2-Dichlorobenzene
Concen: 23.027 ug/L
RT: 11.632 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Instrument :
MSVOA_V
ClientSampleId :

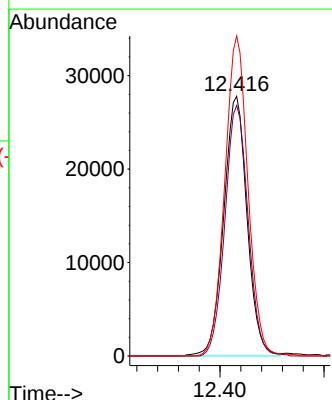
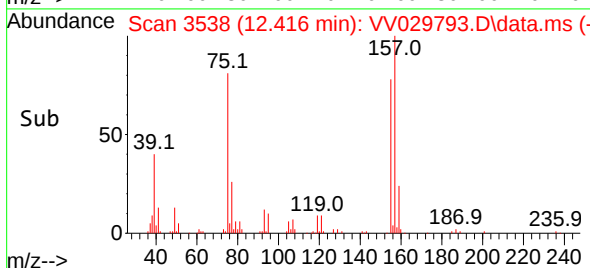
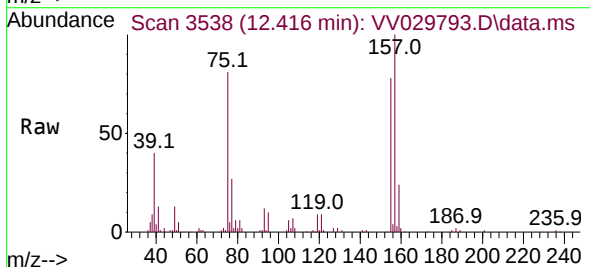


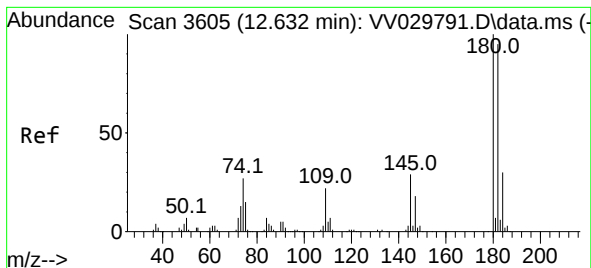
Tgt Ion:146 Resp: 785028
Ion Ratio Lower Upper
146 100
111 39.9 31.8 47.8
148 63.9 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 25.198 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. -0.000 min
Lab File: VV029793.D
Acq: 12 Jan 2023 18:06

Tgt Ion: 75 Resp: 43454
Ion Ratio Lower Upper
75 100
155 96.4 75.5 113.3
157 123.2 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 23.596 ug/L

RT: 12.631 min Scan# 3605

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 718220

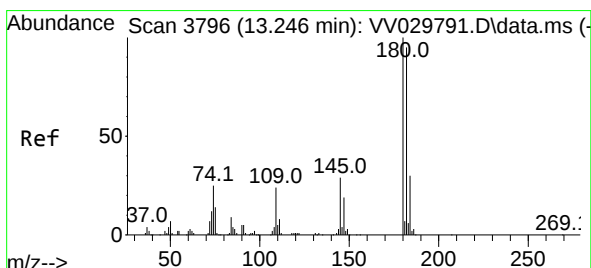
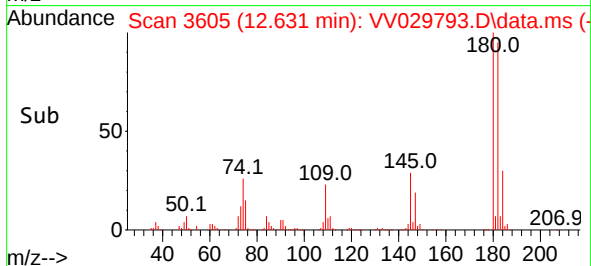
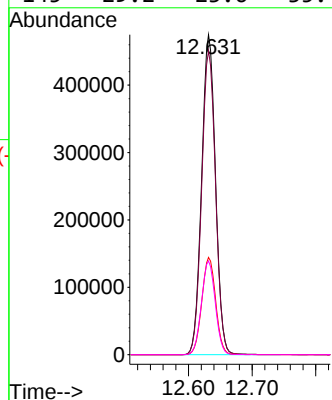
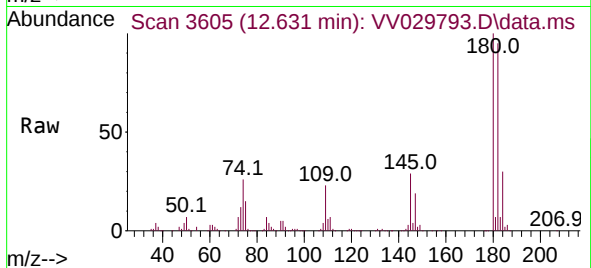
Ion Ratio Lower Upper

180 100

182 95.2 75.4 113.2

184 30.4 23.9 35.9

145 29.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 23.869 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

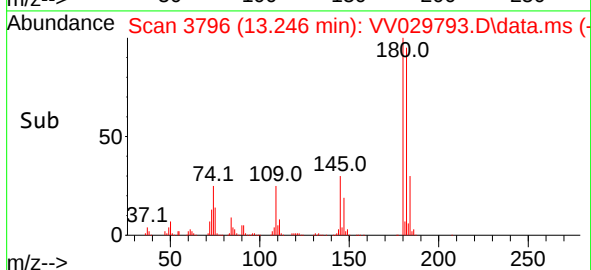
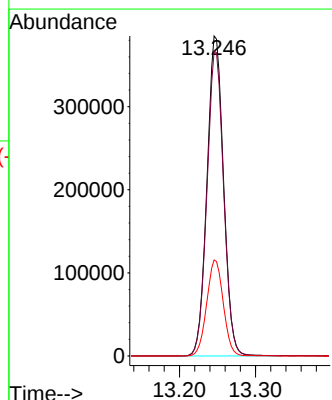
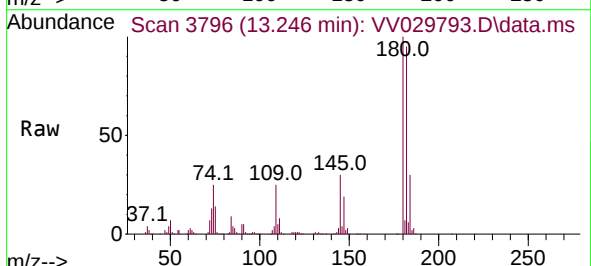
Tgt Ion:180 Resp: 584034

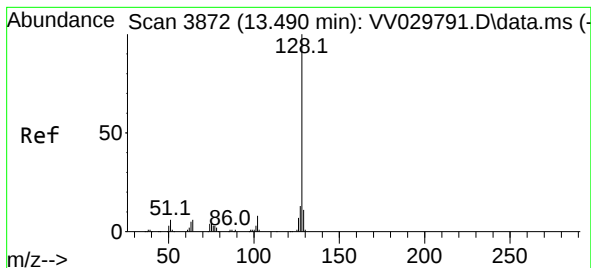
Ion Ratio Lower Upper

180 100

182 95.8 75.8 113.8

145 29.9 23.7 35.5





#71

Naphthalene

Concen: 35.884 ug/L

RT: 13.487 min Scan# 3872

Delta R.T. -0.003 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Instrument :

MSVOA_V

ClientSampleId :

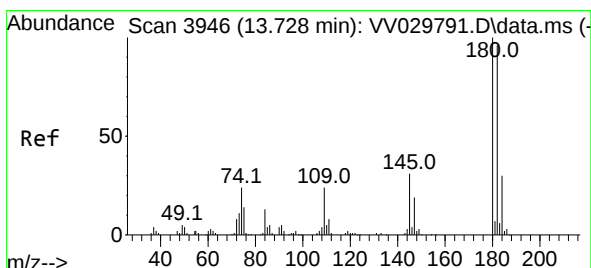
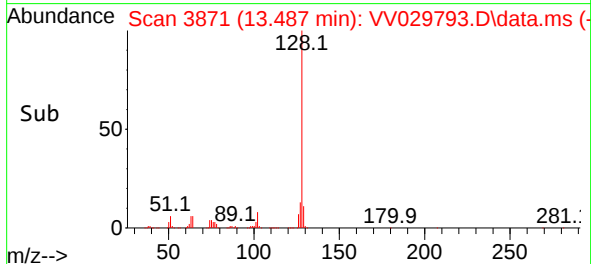
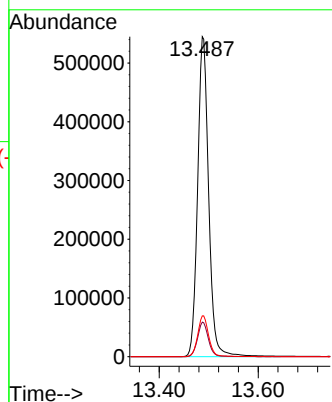
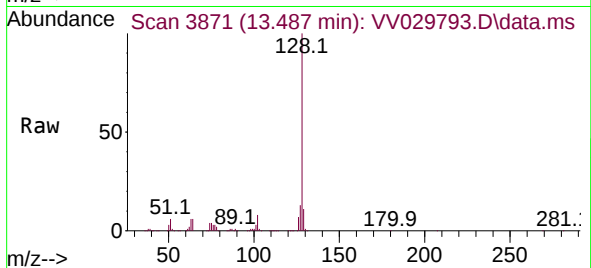
Tgt Ion:128 Resp: 847764

Ion Ratio Lower Upper

128 100

129 10.6 8.6 12.8

127 12.7 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 24.566 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029793.D

Acq: 12 Jan 2023 18:06

Tgt Ion:180 Resp: 491042

Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 31.4 25.0 37.6

