

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011223\
 Data File : VW029790.D
 Acq On : 12 Jan 2023 16:54
 Operator : SY/MD
 Sample : VSTD00117
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 12 21:48:24 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	5.606	114	192887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	184797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13699	1.111	ug/L	0.00
7) Chloroethane-d5	1.565	69	11610	1.257	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	25570	1.261	ug/L	0.00
20) 2-Butanone-d5	3.899	46	20506	9.790	ug/L	0.00
24) Chloroform-d	4.339	84	24909	1.128	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	10458	1.082	ug/L	0.00
32) Benzene-d6	5.043	84	51213	1.002	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	15289	1.053	ug/L	0.00
41) Toluene-d8	7.307	98	44907	0.933	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	4970	0.902	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	17702	8.664	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	10888	1.170	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	17312	0.974	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	17144	1.117	ug/L	96
3) Chloromethane	1.240	50	18100	1.234	ug/L	99
5) Vinyl chloride	1.307	62	17309	1.197	ug/L	99
6) Bromomethane	1.520	94	8508	1.005	ug/L	98
8) Chloroethane	1.581	64	10309	1.189	ug/L	95
9) Trichlorofluoromethane	1.748	101	23032	1.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13630	1.205	ug/L	99
12) 1,1-Dichloroethene	2.114	96	16677	1.517	ug/L	93
13) Acetone	2.175	43	18629	12.175	ug/L	98
14) Carbon disulfide	2.288	76	43548	1.306	ug/L	98
15) Methyl Acetate	2.436	43	3320	0.768	ug/L	97
16) Methylene chloride	2.500	84	21325	1.296	ug/L	96
17) Methyl tert-butyl Ether	2.761	73	23902	0.901	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	14007	1.129	ug/L	95
19) 1,1-Dichloroethane	3.179	63	24053	1.102	ug/L	98
21) 2-Butanone	3.989	43	19136	8.063	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	14480	1.042	ug/L	100
23) Bromochloromethane	4.243	128	6032	1.076	ug/L	95
25) Chloroform	4.365	83	26956	1.178	ug/L	99
27) 1,2-Dichloroethane	5.124	62	12368	1.006	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	23366	1.061	ug/L	99
30) Cyclohexane	4.664	56	19776	0.913	ug/L	96
31) Carbon tetrachloride	4.815	117	20071	1.073	ug/L	97
33) Benzene	5.092	78	55344	0.963	ug/L	100
34) Trichloroethene	5.908	95	14406	0.987	ug/L	97
35) Methylcyclohexane	6.121	83	22230	0.906	ug/L	98
37) 1,2-Dichloropropane	6.166	63	12712	0.940	ug/L	100
38) Bromodichloromethane	6.503	83	16856	1.024	ug/L	91
39) cis-1,3-Dichloropropene	7.024	75	15866	0.826	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	48457	7.791	ug/L	99
42) Toluene	7.381	91	58418	0.946	ug/L	96
44) trans-1,3-Dichloropropene	7.645	75	12559	0.817	ug/L	93

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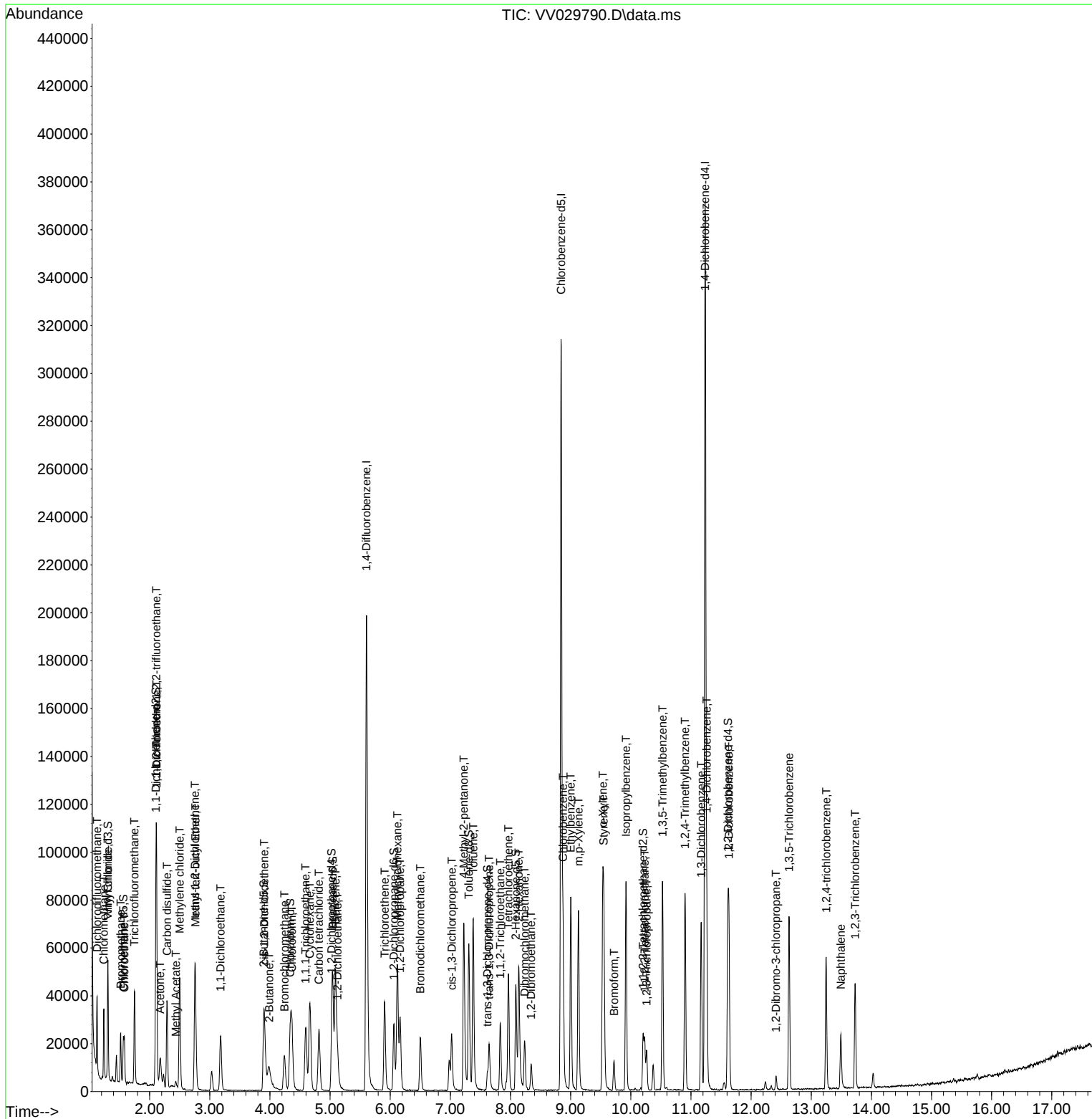
Quant Time: Jan 12 21:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
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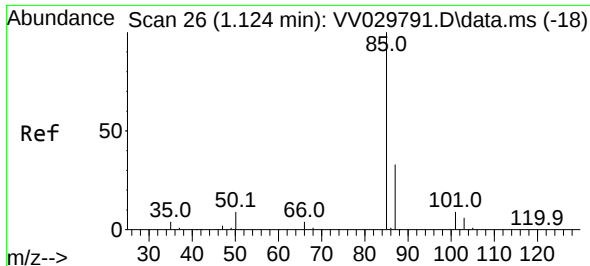
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.831	97	9855	1.068	ug/L	96
47) Tetrachloroethene	7.966	164	12455	1.034	ug/L	99
48) 2-Hexanone	8.137	43	32514	7.456	ug/L	98
49) Dibromochloromethane	8.236	129	10672	1.017	ug/L	99
50) 1,2-Dibromoethane	8.342	107	8212	1.019	ug/L	97
51) Chlorobenzene	8.873	112	38176	0.990	ug/L	98
52) Ethylbenzene	9.002	91	60183	0.938	ug/L	98
53) m,p-Xylene	9.130	106	23507	0.923	ug/L	98
54) o-Xylene	9.535	106	22183	0.900	ug/L	99
55) Styrene	9.551	104	36687	0.873	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	10805	1.107	ug/L	97
59) Bromoform	9.722	173	6125	1.067	ug/L	98
60) Isopropylbenzene	9.921	105	58138	0.865	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	7361	1.008	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	48064	0.833	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	47285	0.813	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	32059	1.009	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	30937	0.983	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	27610	0.945	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	1792	1.213	ug/L #	68
69) 1,3,5-Trichlorobenzene	12.632	180	24141	0.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	18392	0.877	ug/L	98
71) Naphthalene	13.493	128	21367	1.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	14586	0.852	ug/L	99

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

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QLast Update : Thu Jan 12 21:47:28 2023
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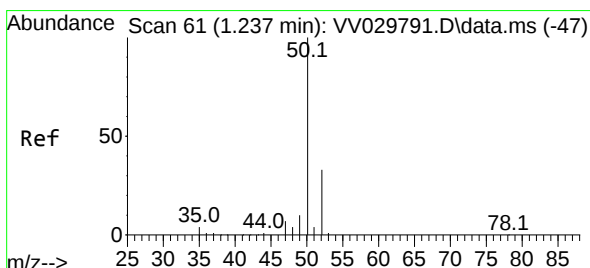
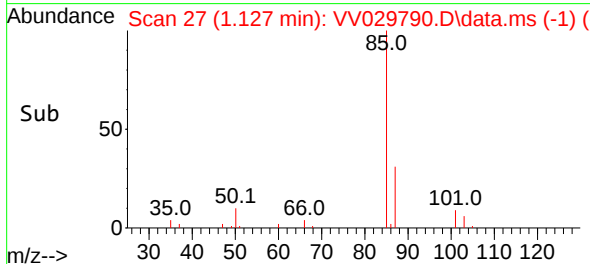
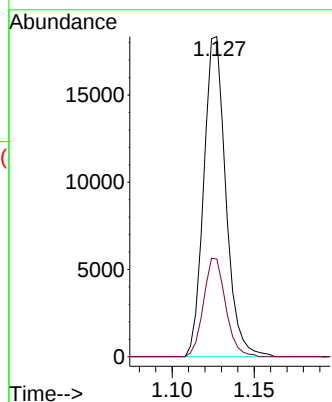
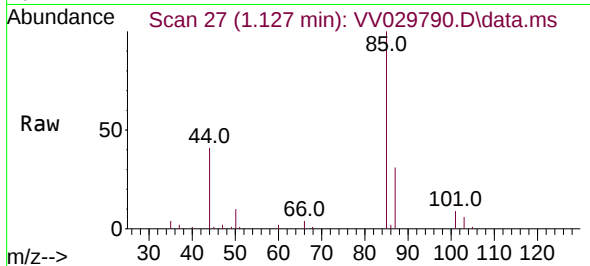




#2
 Dichlorodifluoromethane
 Concen: 1.117 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

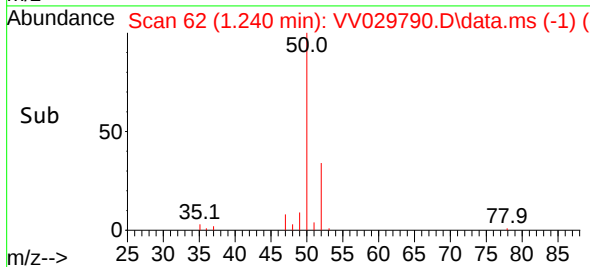
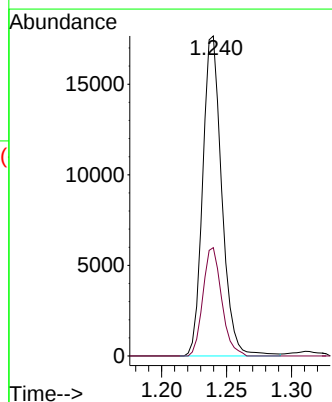
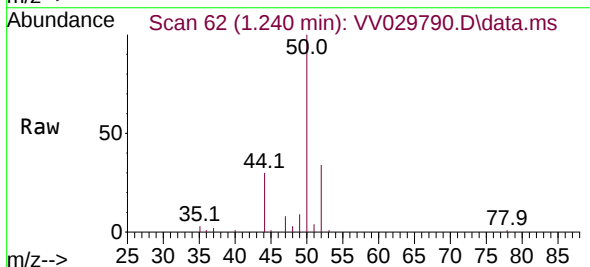
Instrument :
 MSVOA_V
 ClientSampleId :

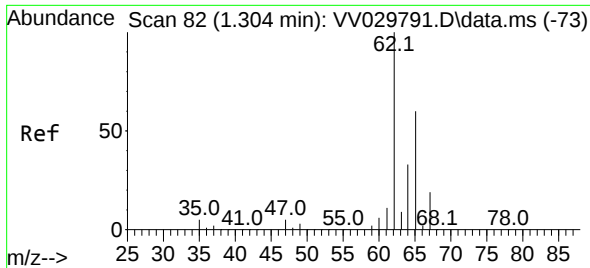
Tgt Ion: 85 Resp: 17144
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.5 39.7



#3
 Chloromethane
 Concen: 1.234 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion: 50 Resp: 18100
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.1 42.9

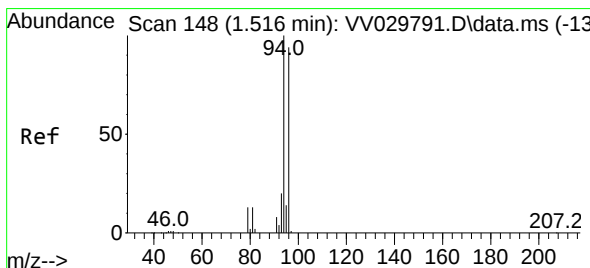
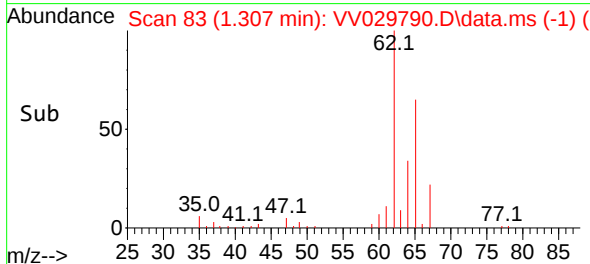
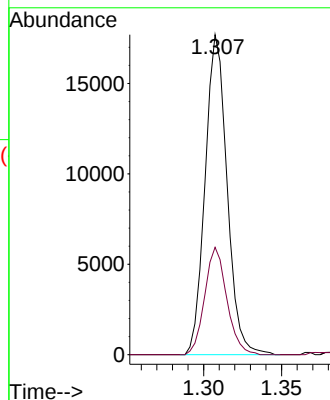
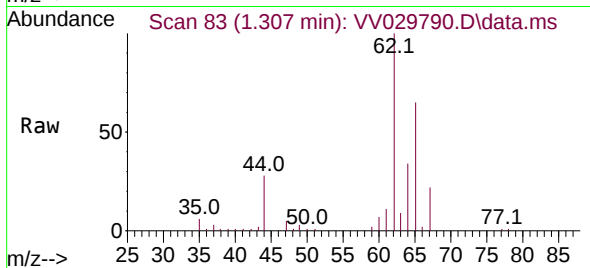




#5
 Vinyl chloride
 Concen: 1.197 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

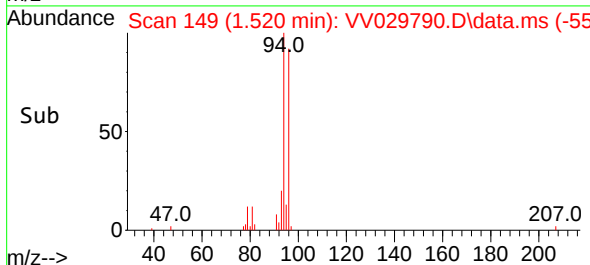
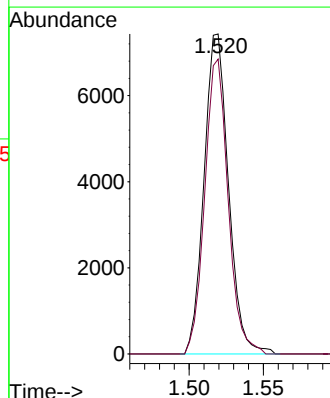
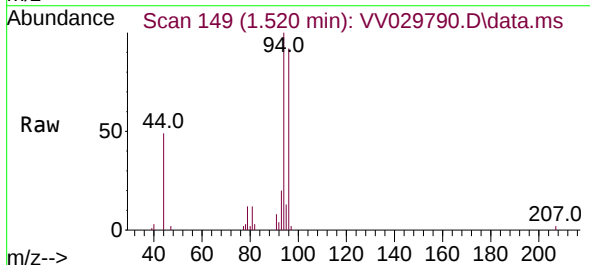
Instrument :
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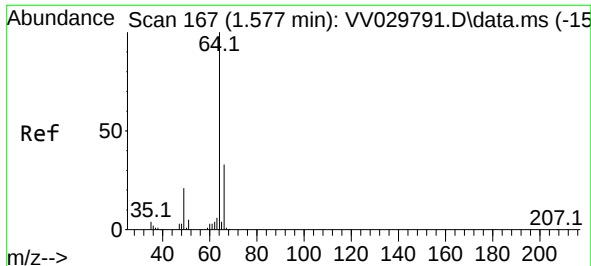
Tgt Ion: 62 Resp: 17309
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.2 43.2



#6
 Bromomethane
 Concen: 1.005 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion: 94 Resp: 8508
 Ion Ratio Lower Upper
 94 100
 96 92.2 65.9 122.5

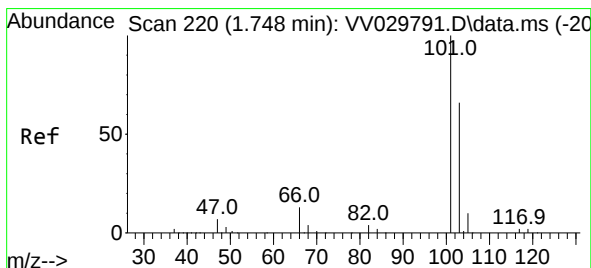
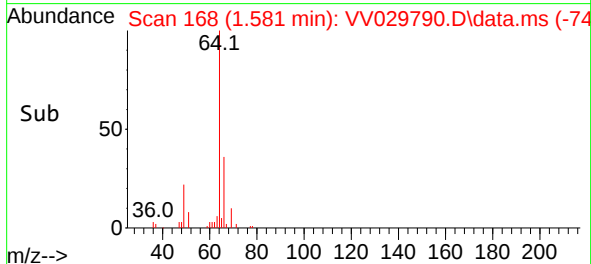
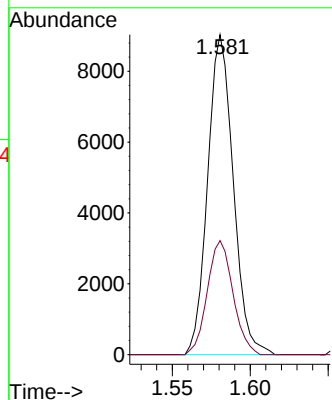
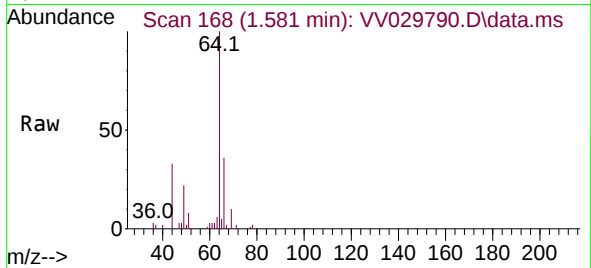




#8
Chloroethane
Concen: 1.189 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

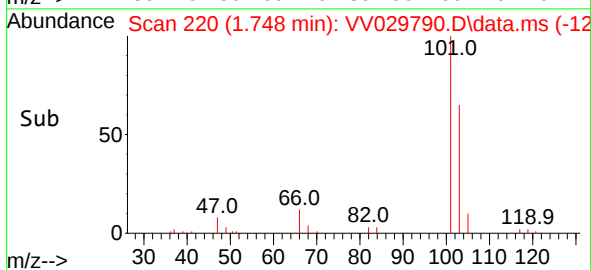
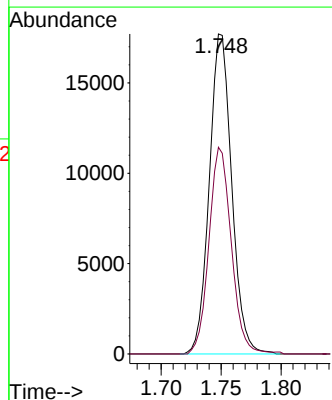
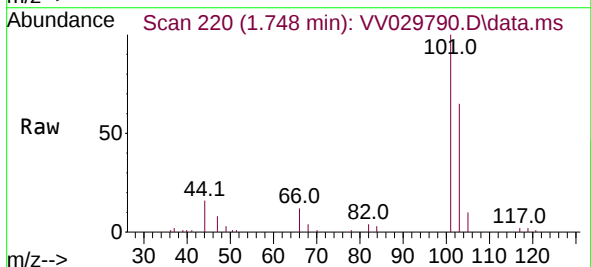
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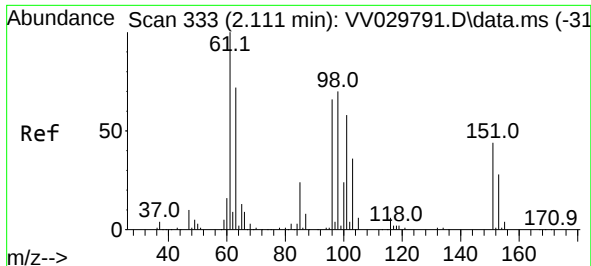
Tgt Ion: 64 Resp: 10309
Ion Ratio Lower Upper
64 100
66 35.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 1.152 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 101 Resp: 23032
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.8

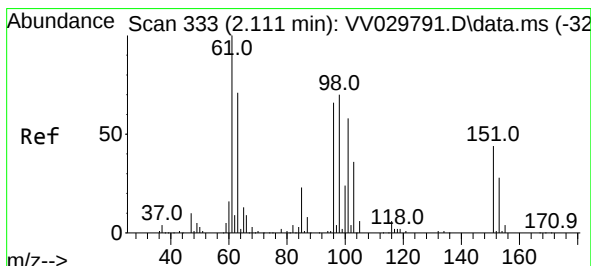
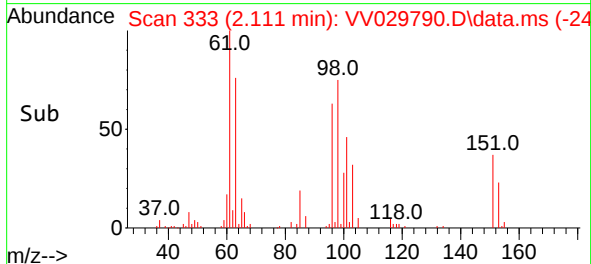
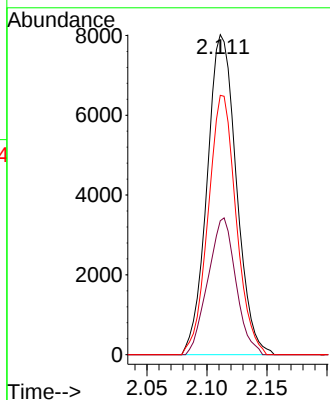
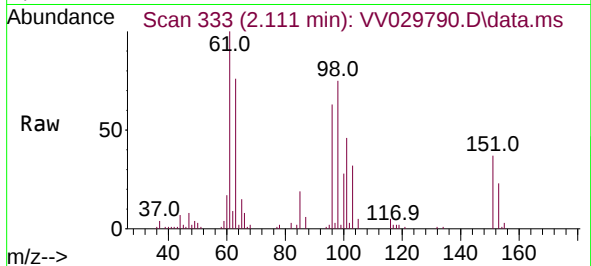




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.205 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

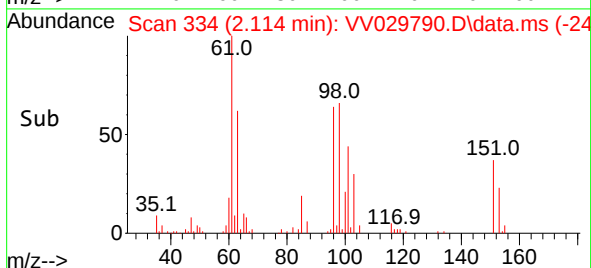
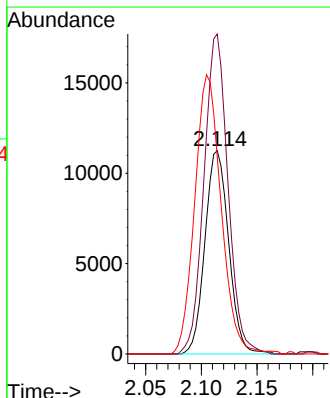
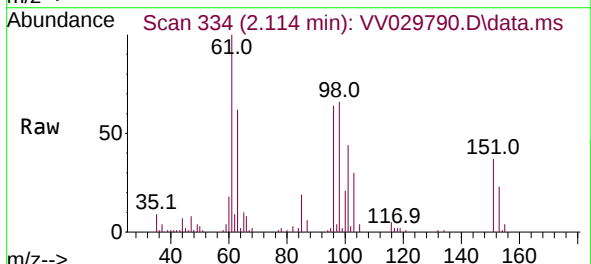
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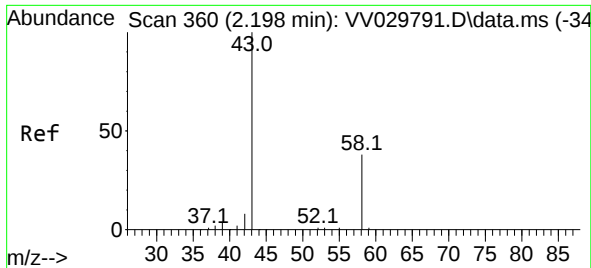
Tgt Ion:101 Resp: 13630
 Ion Ratio Lower Upper
 101 100
 85 40.6 32.9 49.3
 151 77.4 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 1.517 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion: 96 Resp: 16677
 Ion Ratio Lower Upper
 96 100
 61 157.4 106.1 197.1
 63 97.0 76.4 141.8





#13

Acetone

Concen: 12.175 ug/L

RT: 2.175 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

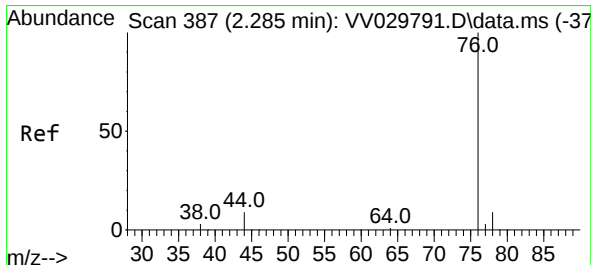
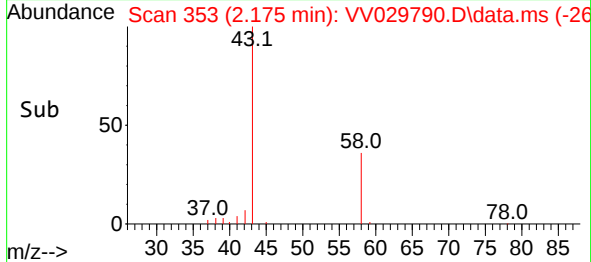
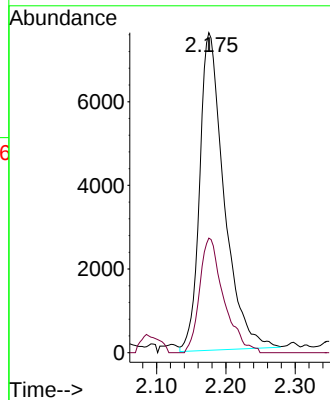
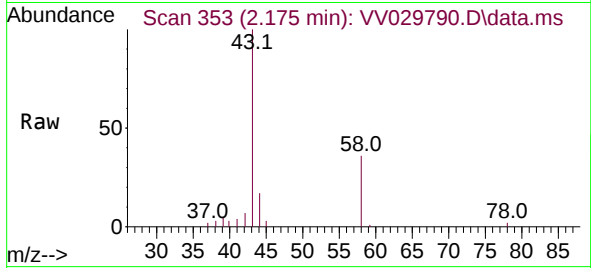
ClientSampleId :

Tgt Ion: 43 Resp: 18629

Ion Ratio Lower Upper

43 100

58 35.6 0.0 68.8



#14

Carbon disulfide

Concen: 1.306 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029790.D

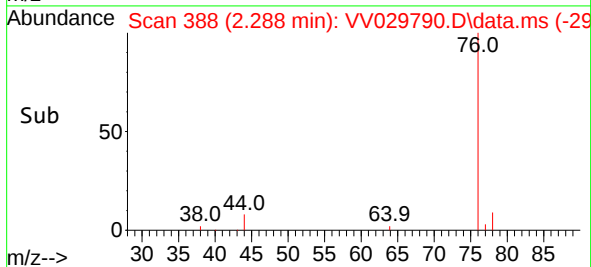
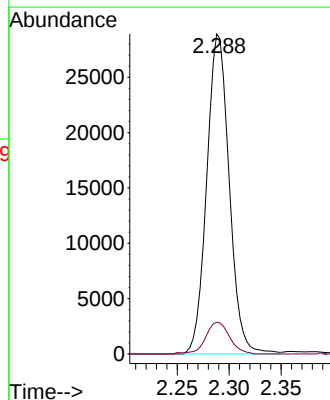
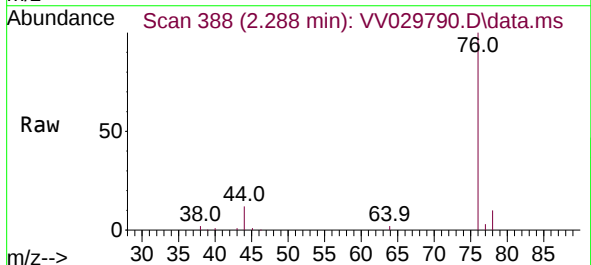
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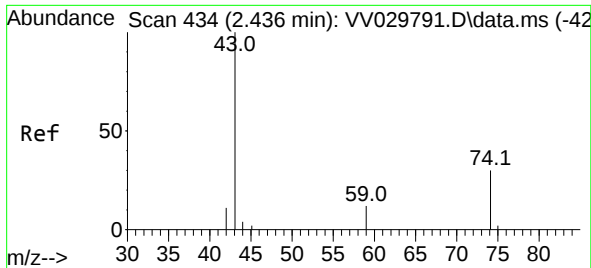
Tgt Ion: 76 Resp: 43548

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0





#15

Methyl Acetate

Concen: 0.768 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

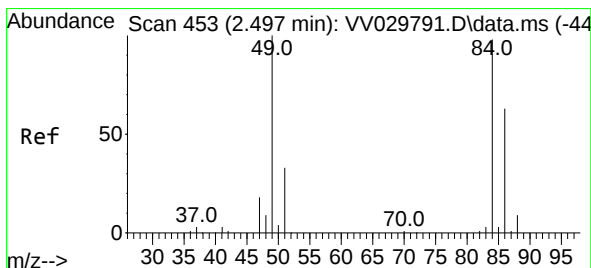
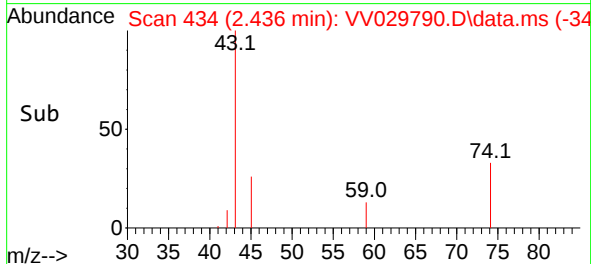
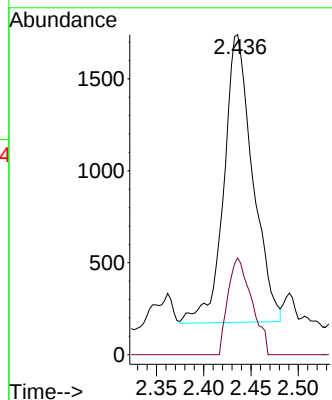
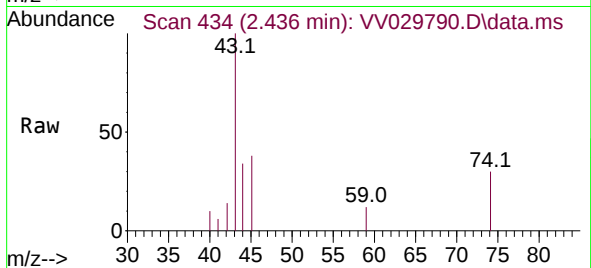
ClientSampleId :

Tgt Ion: 43 Resp: 3320

Ion Ratio Lower Upper

43 100

74 27.6 23.4 35.0



#16

Methylene chloride

Concen: 1.296 ug/L

RT: 2.500 min Scan# 454

Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

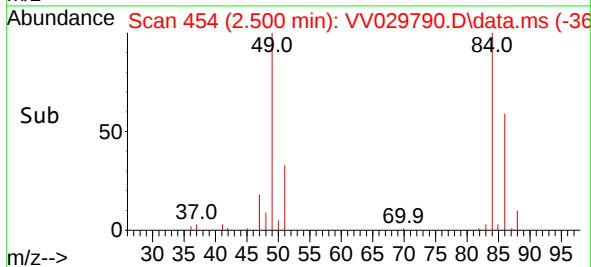
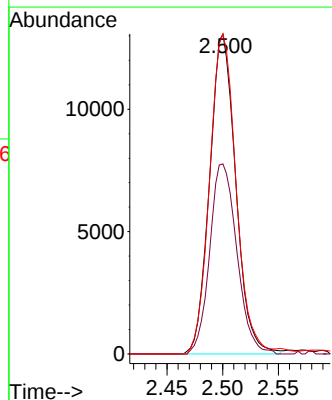
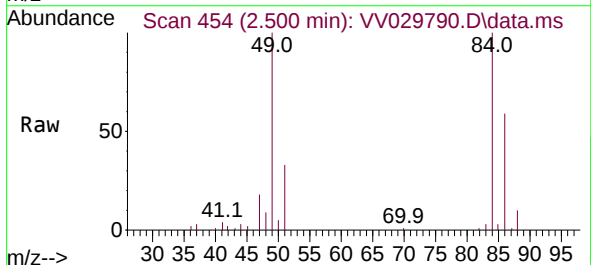
Tgt Ion: 84 Resp: 21325

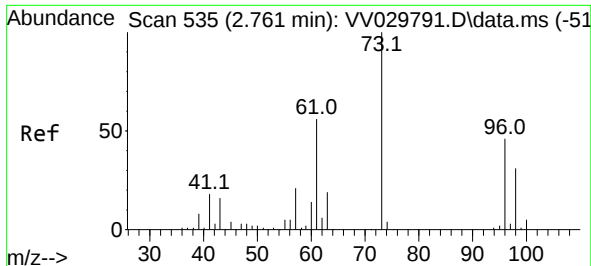
Ion Ratio Lower Upper

84 100

86 59.4 45.0 83.6

49 100.0 71.5 132.7

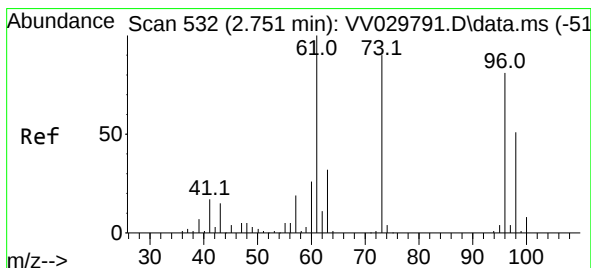
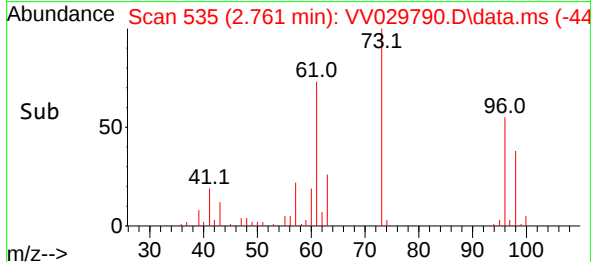
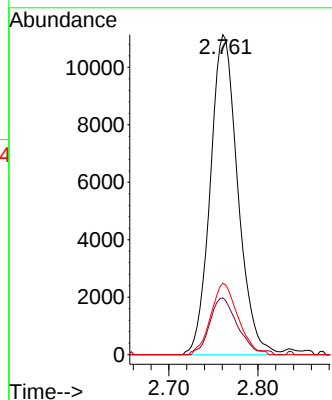
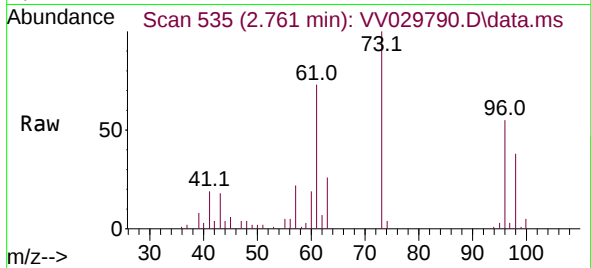




#17
Methyl tert-butyl Ether
Concen: 0.901 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

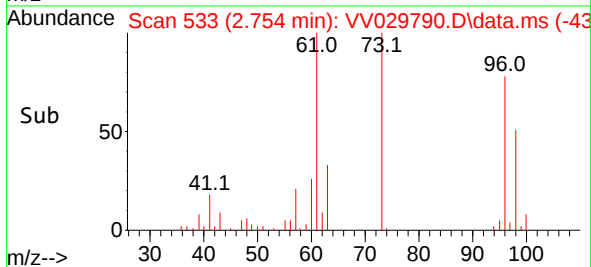
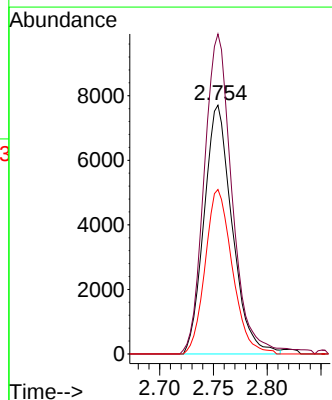
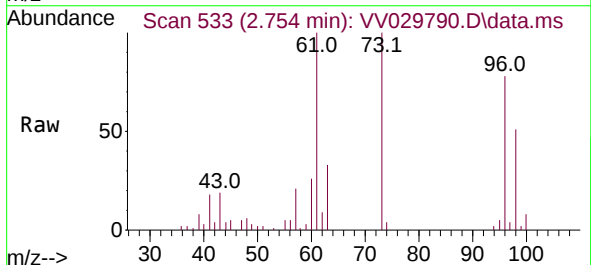
Instrument :
MSVOA_V
ClientSampleId :

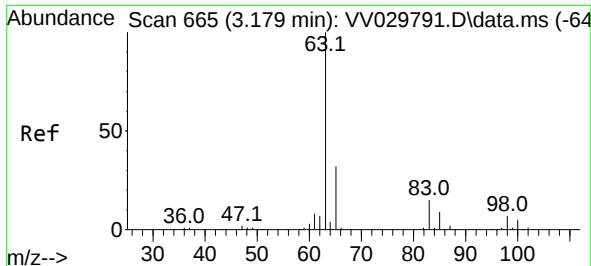
Tgt Ion: 73 Resp: 23902
Ion Ratio Lower Upper
73 100
43 17.7 13.0 19.4
57 22.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 1.129 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 96 Resp: 14007
Ion Ratio Lower Upper
96 100
61 128.6 86.1 159.9
98 66.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 1.102 ug/L

RT: 3.179 min Scan# 6

Delta R.T. 0.000 min

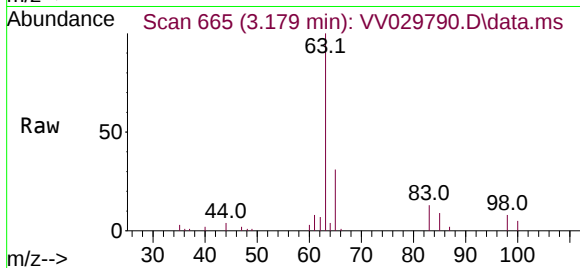
Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

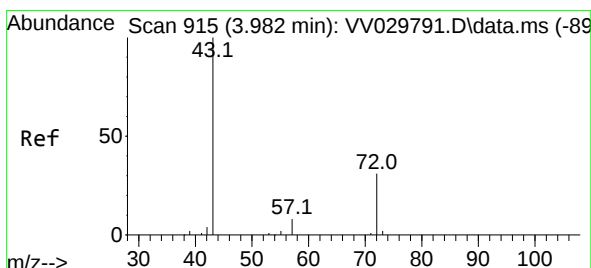
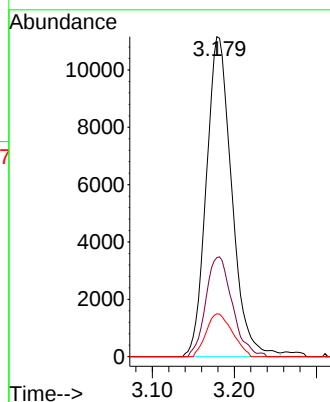
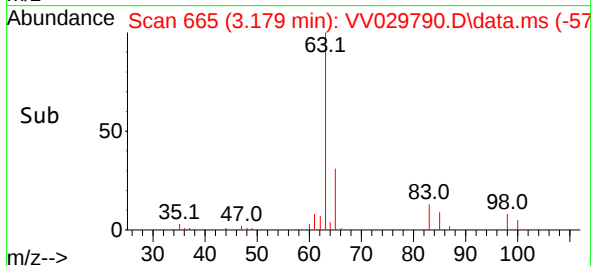
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	24053
Ion	Ratio	Lower	Upper
63	100		
65	30.9	22.4	41.6
83	13.4	10.2	19.0



#21

2-Butanone

Concen: 8.063 ug/L

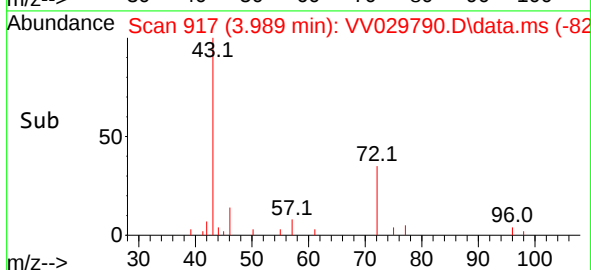
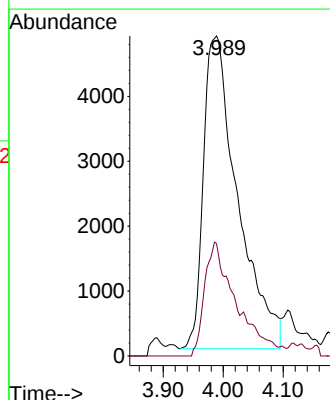
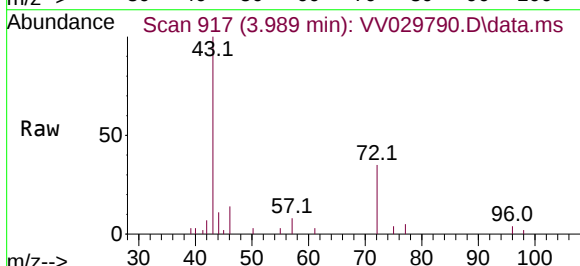
RT: 3.989 min Scan# 917

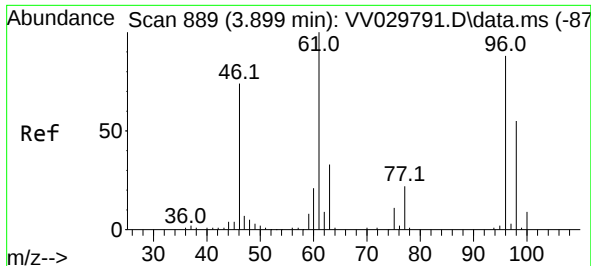
Delta R.T. 0.006 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

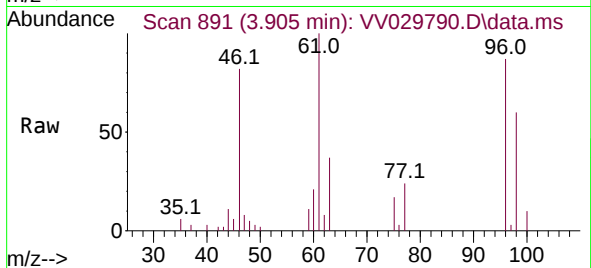
Tgt Ion:	43	Resp:	19136
Ion	Ratio	Lower	Upper
43	100		
72	33.4	13.9	41.6





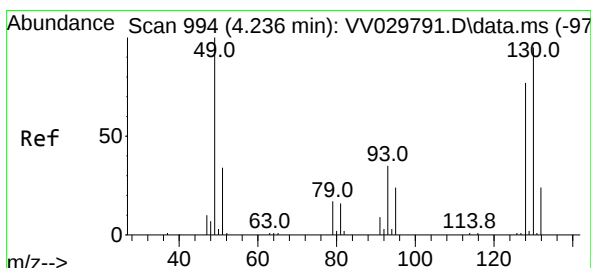
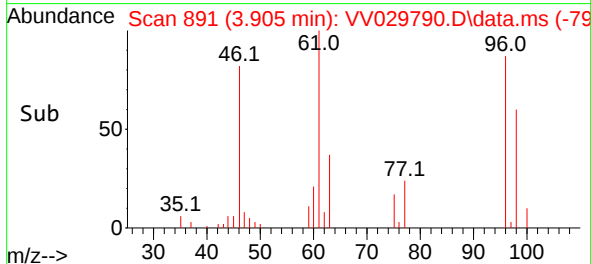
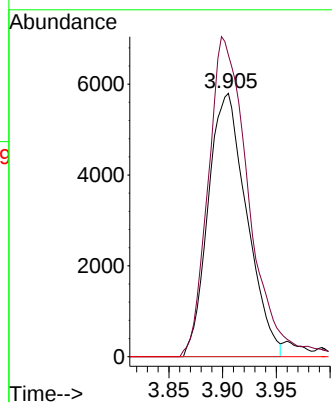
#22
 cis-1,2-Dichloroethene
 Concen: 1.042 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 14480

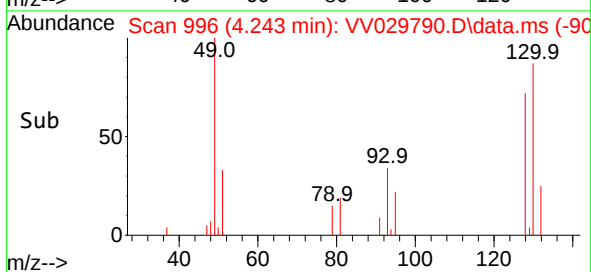
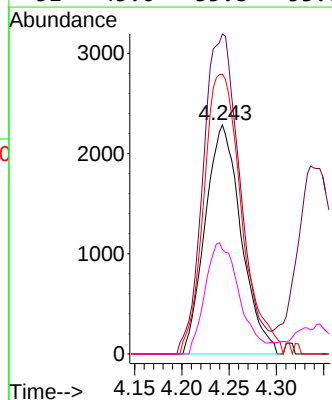
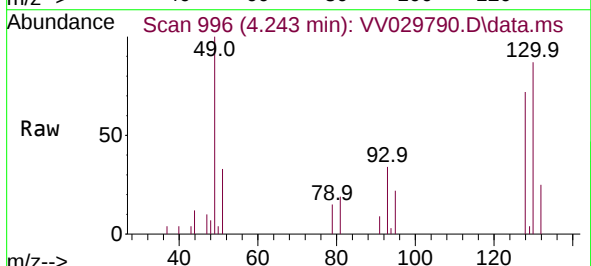
Ion	Ratio	Lower	Upper
96	100		
61	114.6	80.0	148.6
68	0.0	0.0	0.0

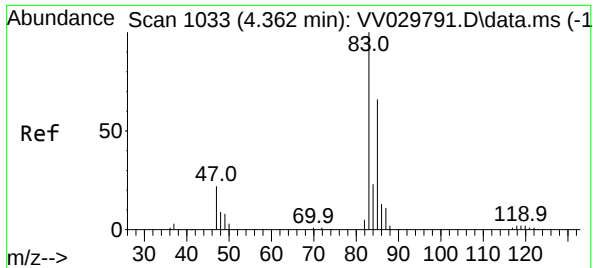


#23
 Bromochloromethane
 Concen: 1.076 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion: 128 Resp: 6032

Ion	Ratio	Lower	Upper
128	100		
49	139.7	91.2	169.4
130	122.1	87.0	161.6
51	45.6	35.8	53.6

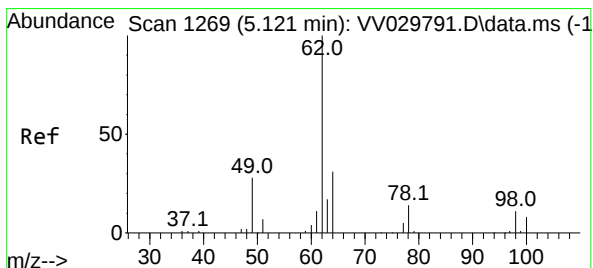
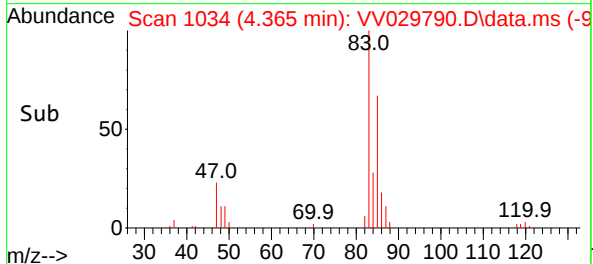
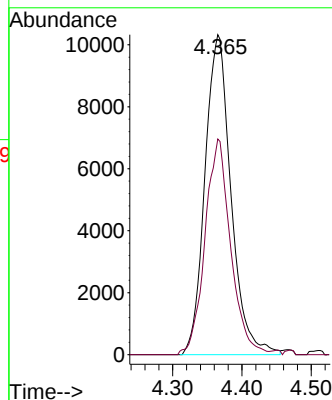
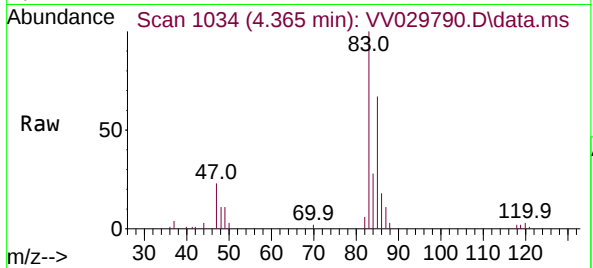




#25
Chloroform
Concen: 1.178 ug/L
RT: 4.365 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

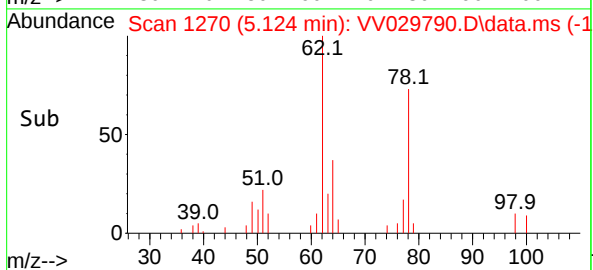
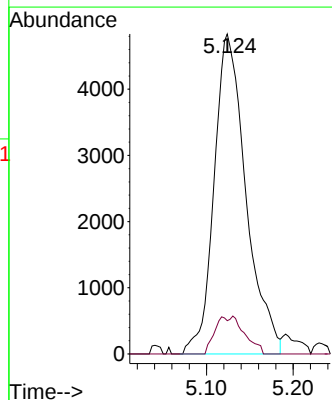
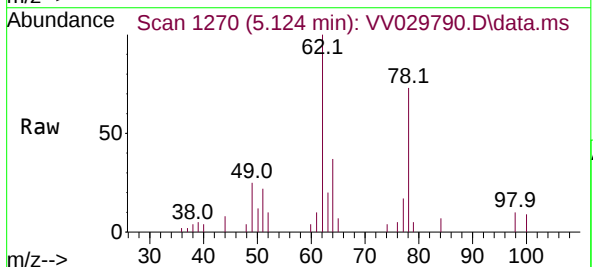
Instrument :
MSVOA_V
ClientSampleId :

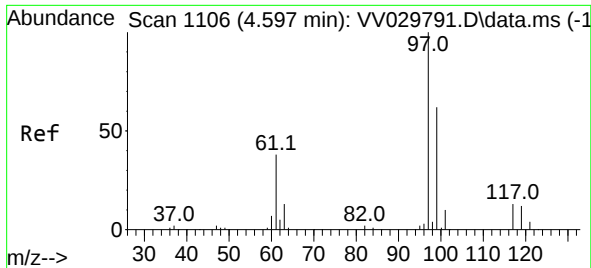
Tgt Ion: 83 Resp: 26956
Ion Ratio Lower Upper
83 100
85 67.4 46.5 86.5



#27
1,2-Dichloroethane
Concen: 1.006 ug/L
RT: 5.124 min Scan# 1270
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 62 Resp: 12368
Ion Ratio Lower Upper
62 100
98 10.4 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 1.061 ug/L

RT: 4.593 min Scan# 1105

Delta R.T. -0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :

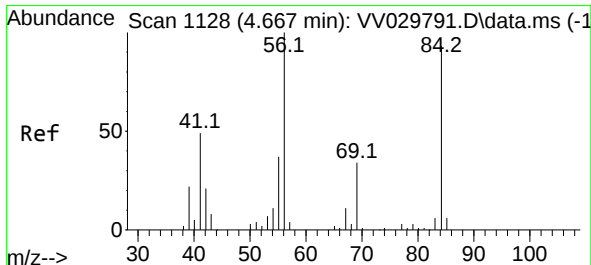
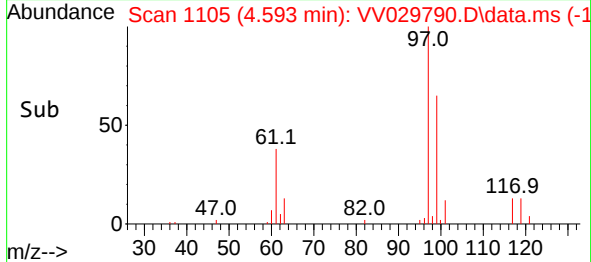
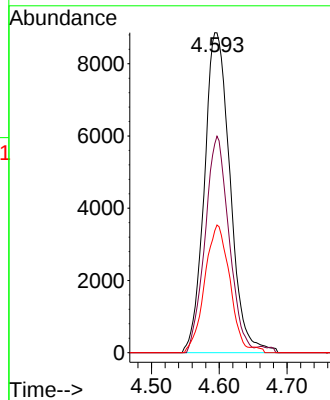
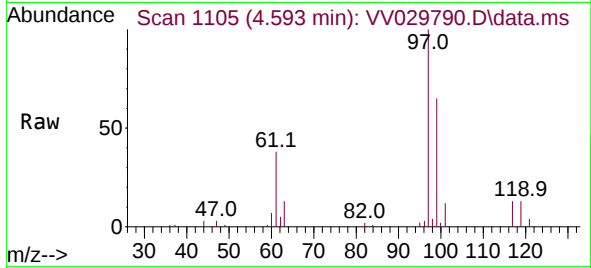
Tgt Ion: 97 Resp: 23366

Ion Ratio Lower Upper

97 100

99 63.1 51.3 76.9

61 38.7 31.6 47.4



#30

Cyclohexane

Concen: 0.913 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

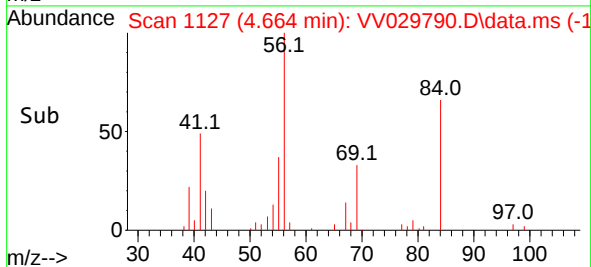
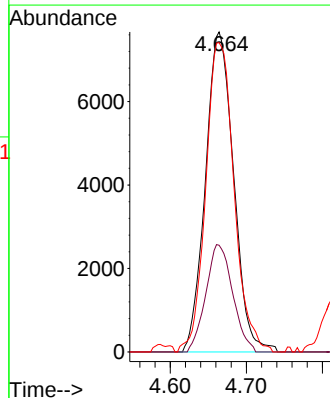
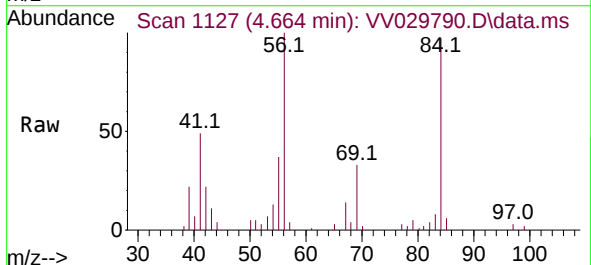
Tgt Ion: 56 Resp: 19776

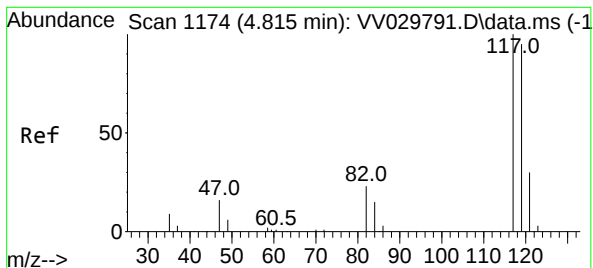
Ion Ratio Lower Upper

56 100

69 31.9 26.7 40.1

84 97.0 73.8 110.8





#31

Carbon tetrachloride

Concen: 1.073 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

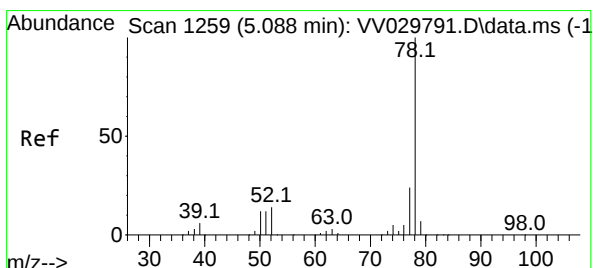
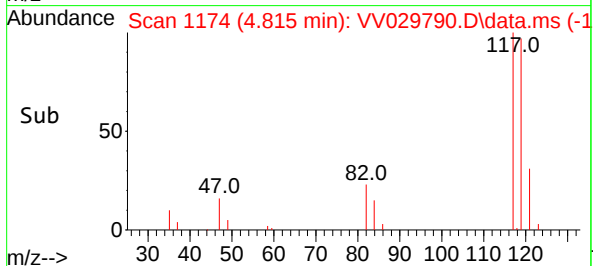
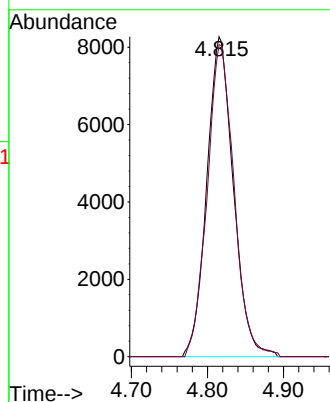
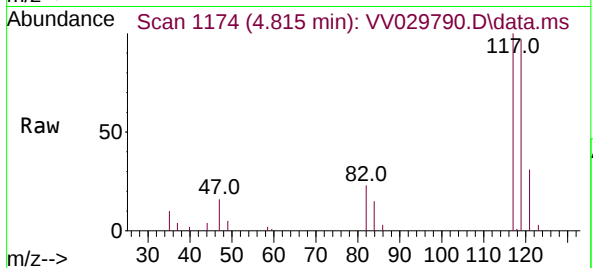
ClientSampleId :

Tgt Ion:117 Resp: 20071

Ion Ratio Lower Upper

117 100

119 98.6 76.6 114.8



#33

Benzene

Concen: 0.963 ug/L

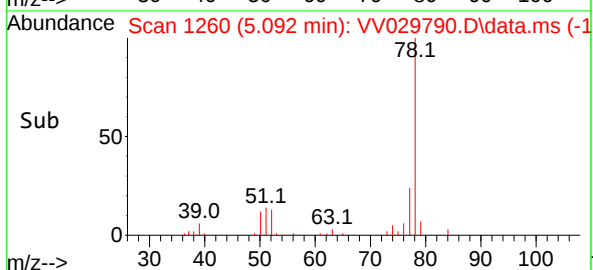
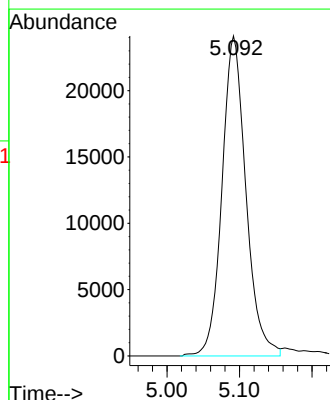
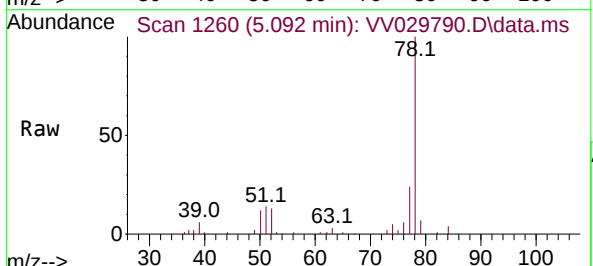
RT: 5.092 min Scan# 1260

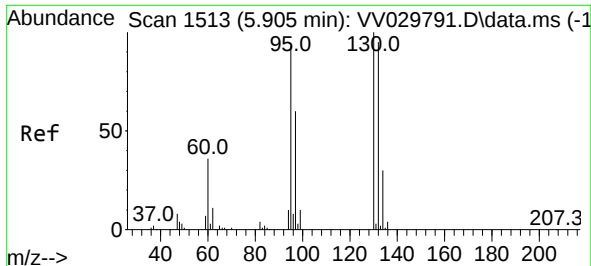
Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Tgt Ion: 78 Resp: 55344

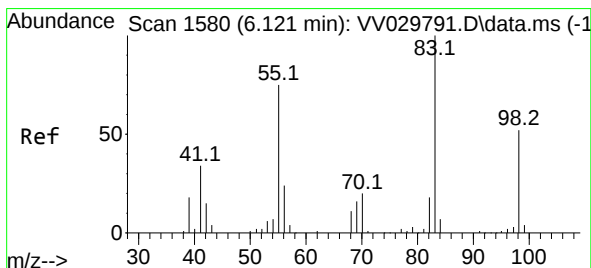
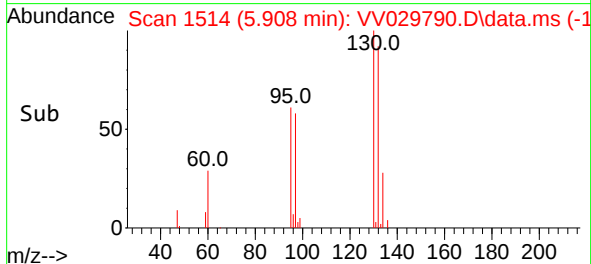
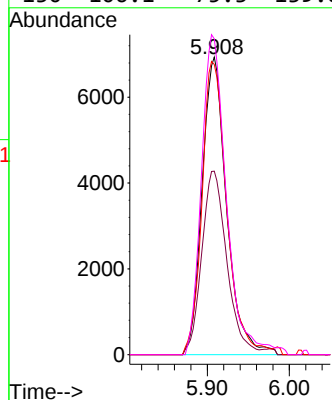
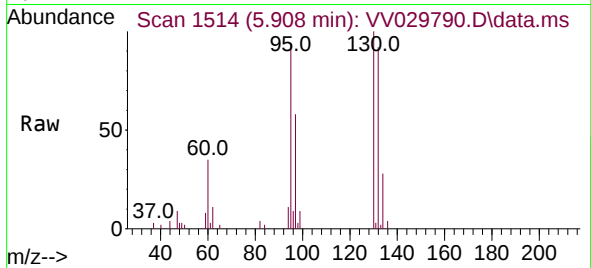




#34
Trichloroethene
Concen: 0.987 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

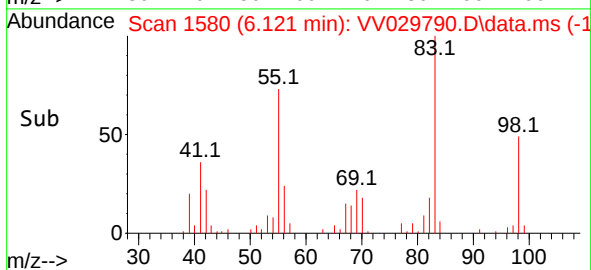
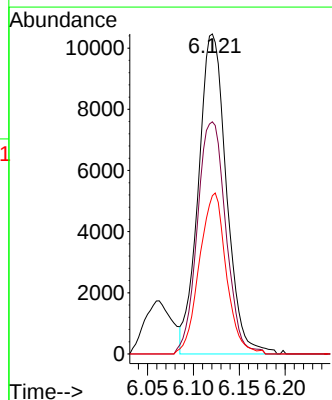
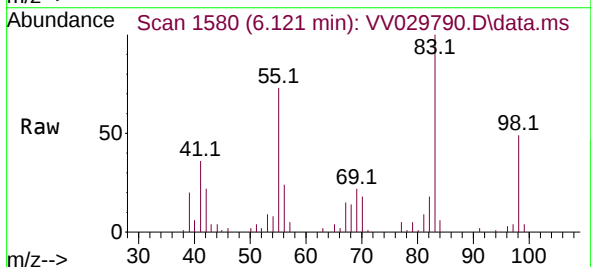
Instrument :
MSVOA_V
ClientSampleId :

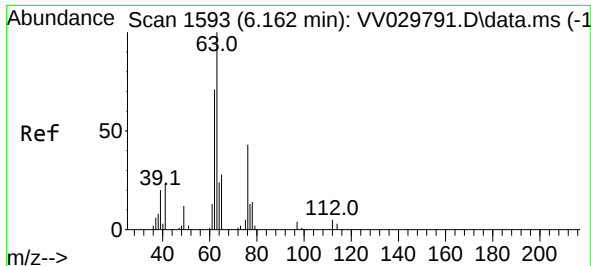
Tgt Ion: 95 Resp: 14406
Ion Ratio Lower Upper
95 100
97 61.6 44.9 83.3
132 97.5 71.8 133.4
130 106.1 75.3 139.8



#35
Methylcyclohexane
Concen: 0.906 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 83 Resp: 22230
Ion Ratio Lower Upper
83 100
55 73.7 57.3 85.9
98 48.3 39.0 58.6





#37

1,2-Dichloropropane

Concen: 0.940 ug/L

RT: 6.166 min Scan# 1593

Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

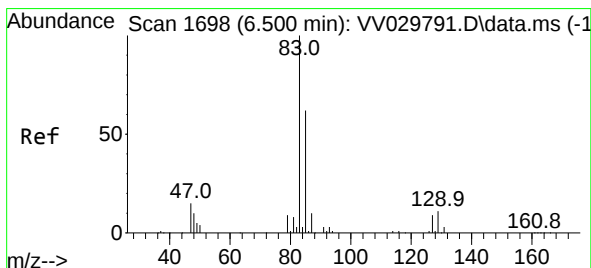
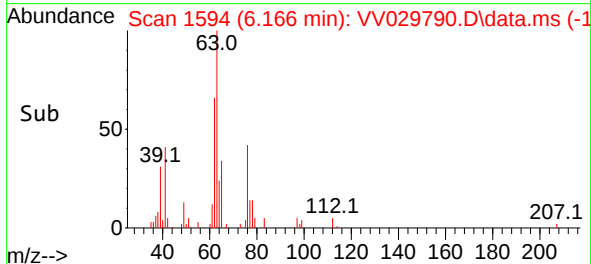
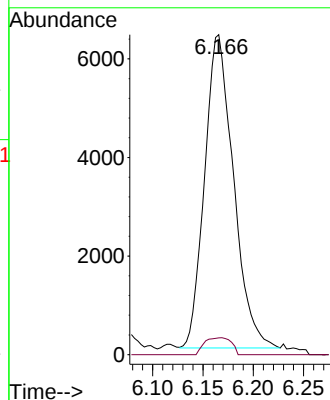
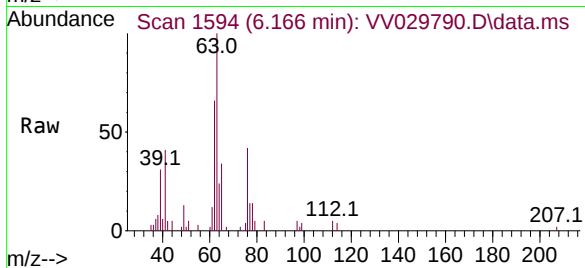
ClientSampleId :

Tgt Ion: 63 Resp: 12712

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 1.024 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

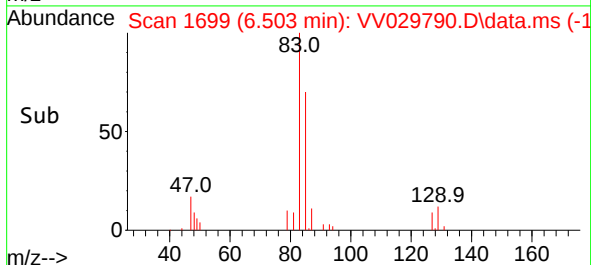
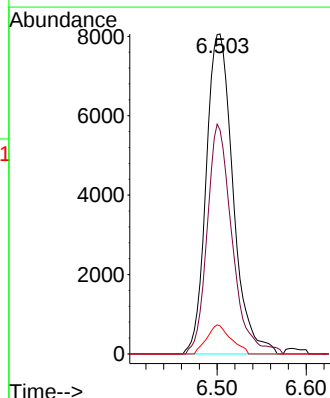
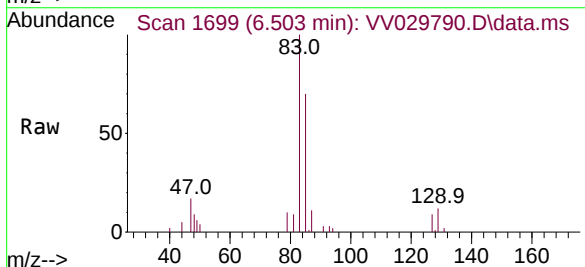
Tgt Ion: 83 Resp: 16856

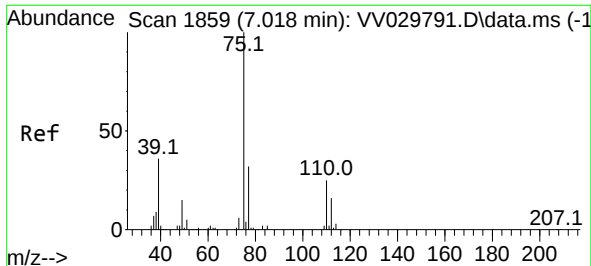
Ion Ratio Lower Upper

83 100

85 70.0 43.2 80.2

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.826 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.006 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

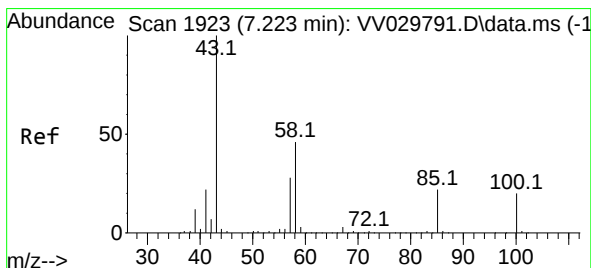
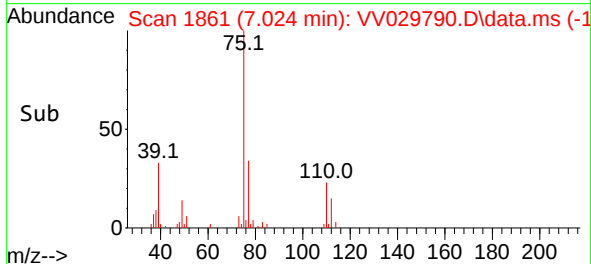
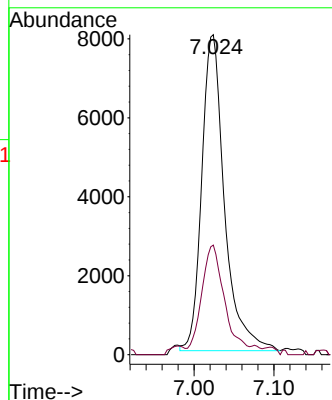
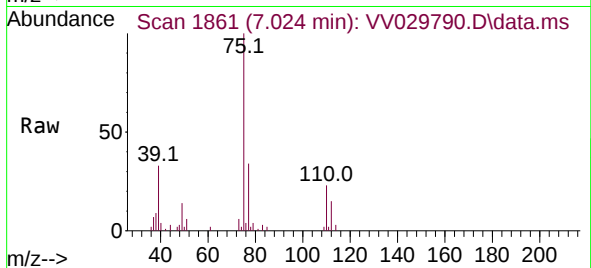
ClientSampleId :

Tgt Ion: 75 Resp: 15866

Ion Ratio Lower Upper

75 100

77 34.2 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 7.791 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

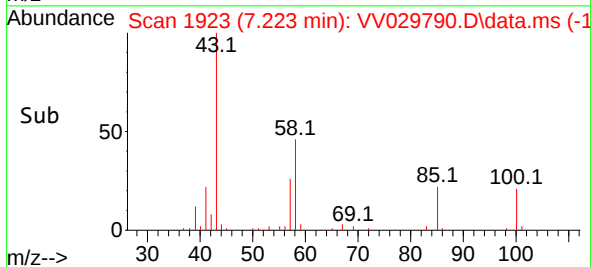
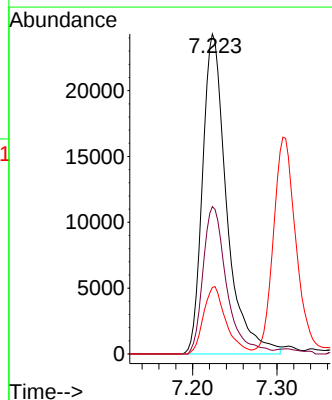
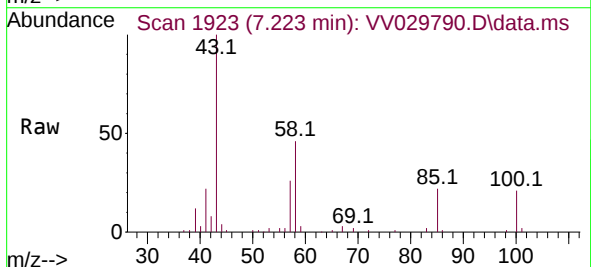
Tgt Ion: 43 Resp: 48457

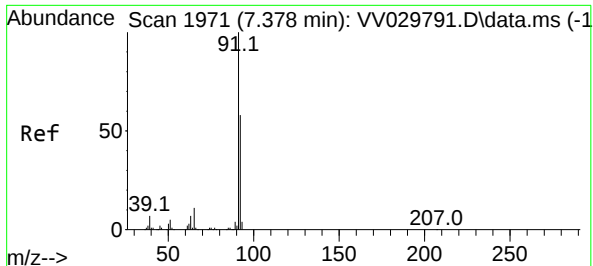
Ion Ratio Lower Upper

43 100

58 45.2 36.7 55.1

100 19.6 15.6 23.4





#42

Toluene

Concen: 0.946 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

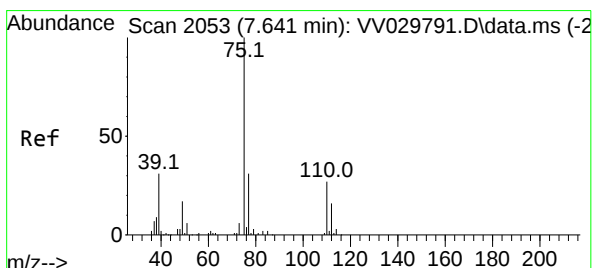
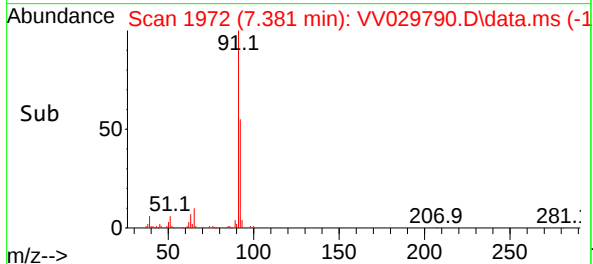
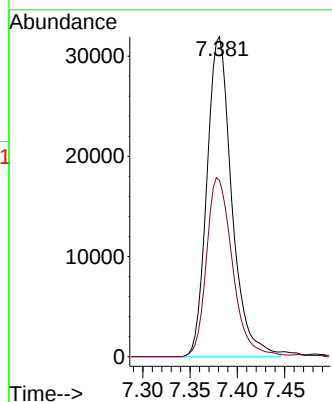
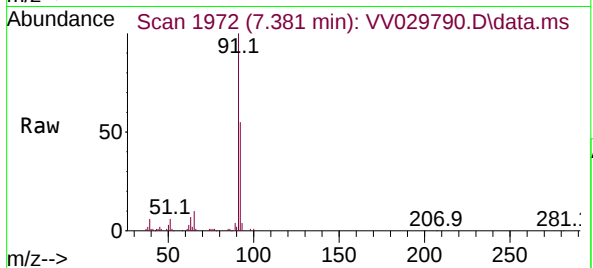
ClientSampleId :

Tgt Ion: 91 Resp: 58418

Ion Ratio Lower Upper

91 100

92 55.1 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 0.817 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. 0.003 min

Lab File: VV029790.D

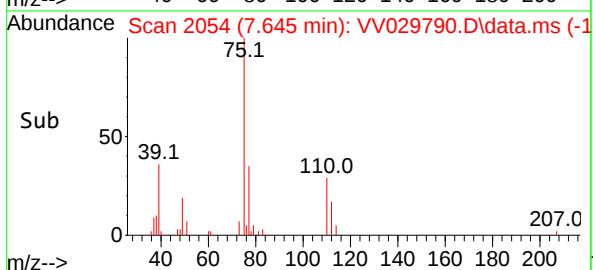
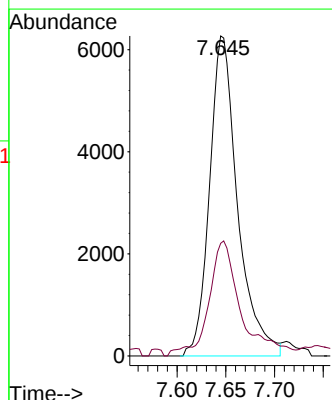
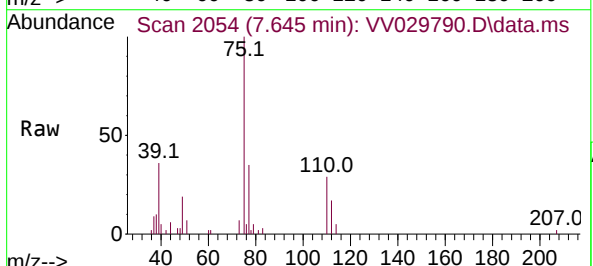
Acq: 12 Jan 2023 16:54

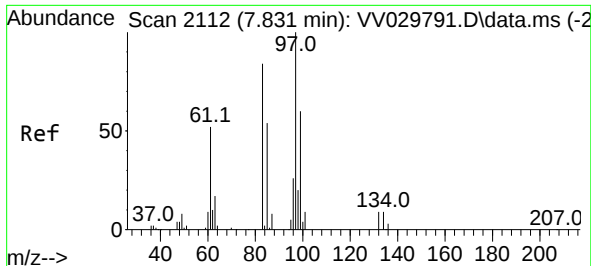
Tgt Ion: 75 Resp: 12559

Ion Ratio Lower Upper

75 100

77 35.2 21.9 40.7





#45

1,1,2-Trichloroethane

Concen: 1.068 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.000 min

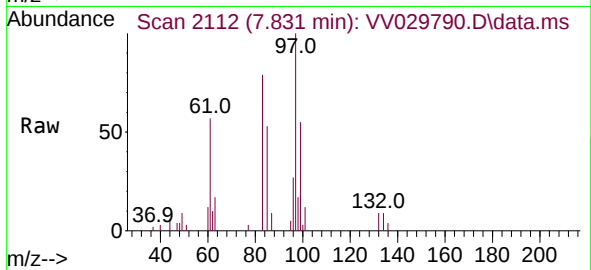
Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 9855

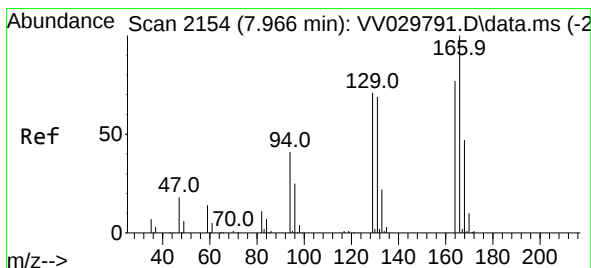
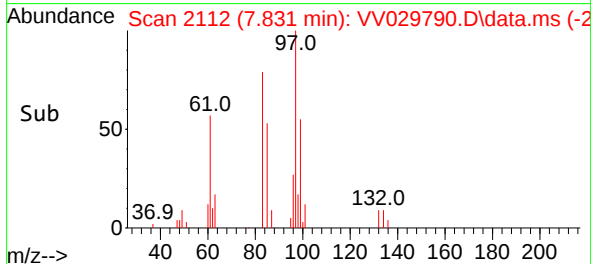
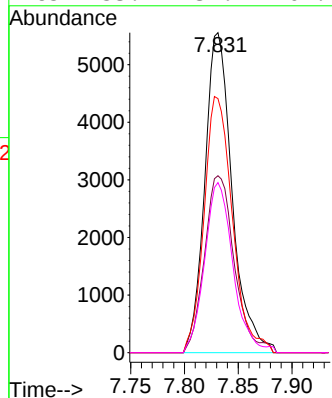
Ion Ratio Lower Upper

97 100

99 55.3 41.9 77.7

83 79.4 58.7 109.1

85 53.2 37.7 69.9



#47

Tetrachloroethene

Concen: 1.034 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. 0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Tgt Ion: 164 Resp: 12455

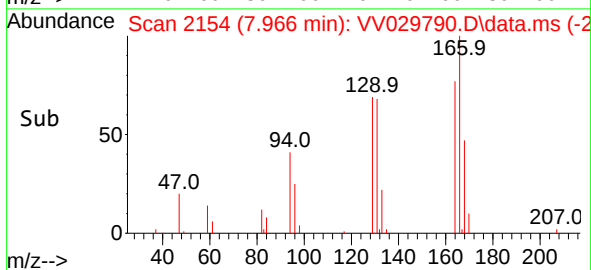
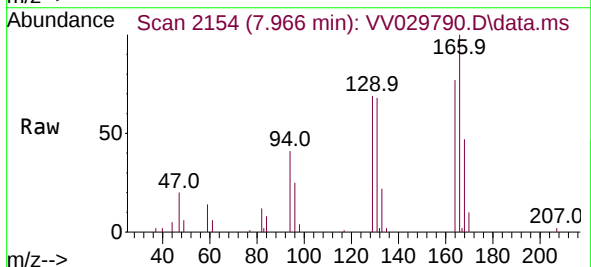
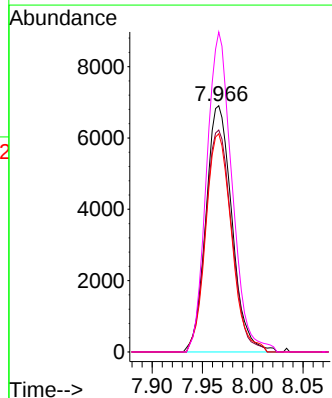
Ion Ratio Lower Upper

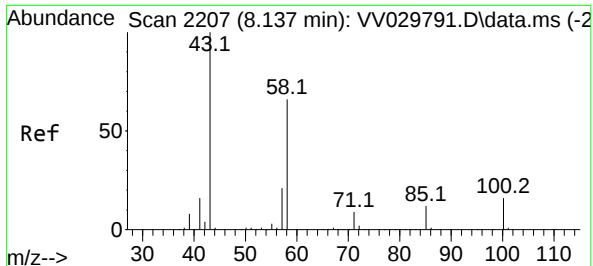
164 100

129 90.1 64.5 119.7

131 88.6 62.9 116.7

166 129.9 90.7 168.5

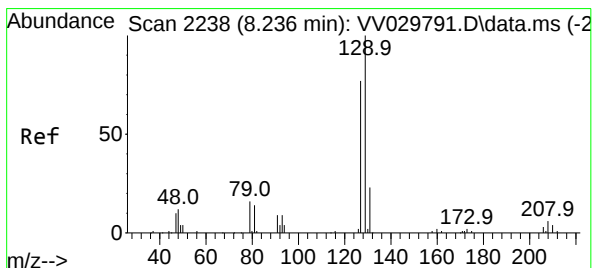
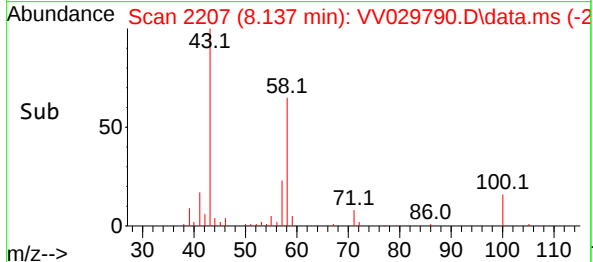
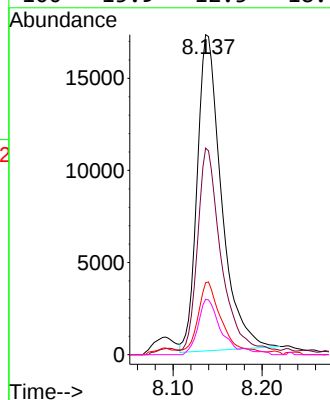
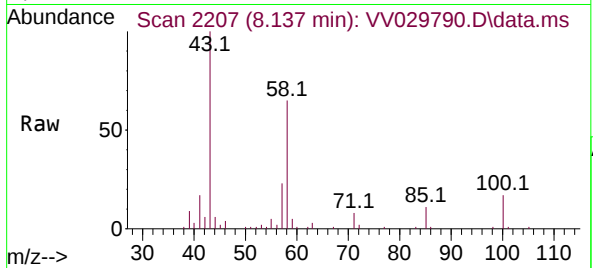




#48
2-Hexanone
Concen: 7.456 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

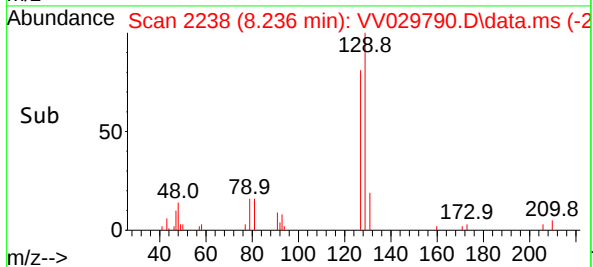
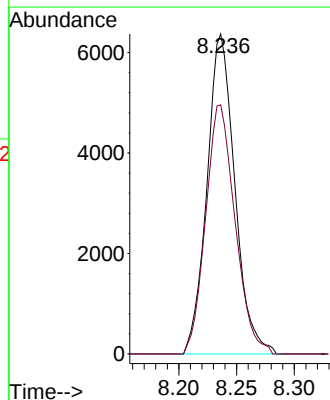
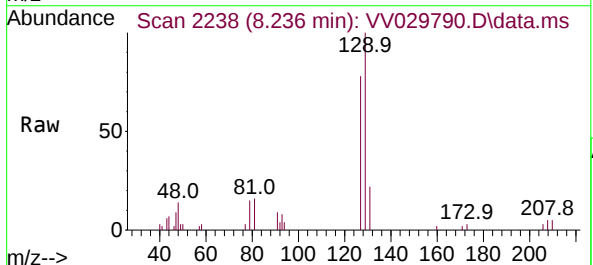
Instrument :
MSVOA_V
ClientSampleId :

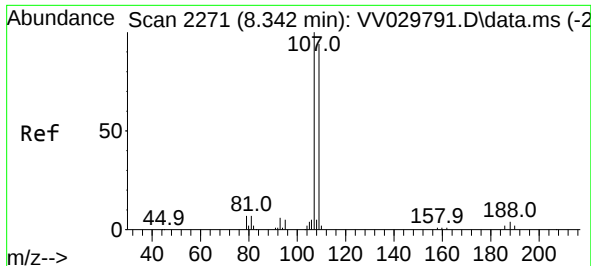
Tgt Ion: 43	Resp: 32514
Ion Ratio	Lower Upper
43 100	
58 62.6	51.4 77.2
57 22.8	17.0 25.6
100 15.9	12.5 18.7



#49
Dibromochloromethane
Concen: 1.017 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion:129	Resp:	10672	
Ion	Ratio	Lower	Upper
129	100		
127	77.9	54.1	100.5





#50

1,2-Dibromoethane

Concen: 1.019 ug/L

RT: 8.342 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029790.D

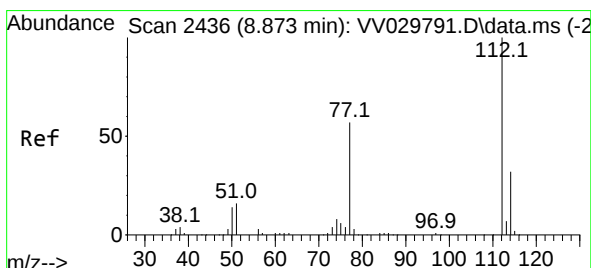
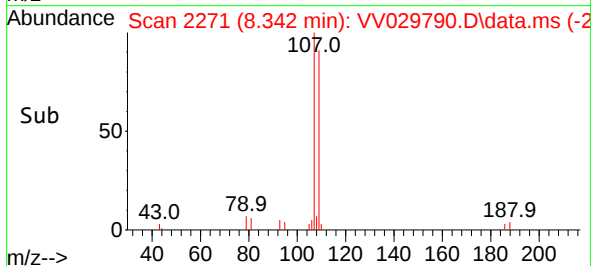
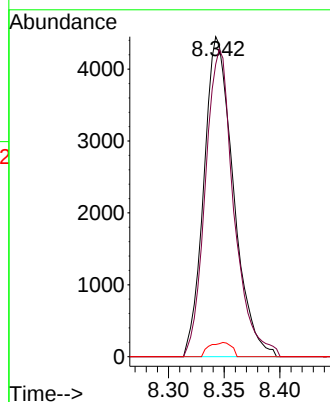
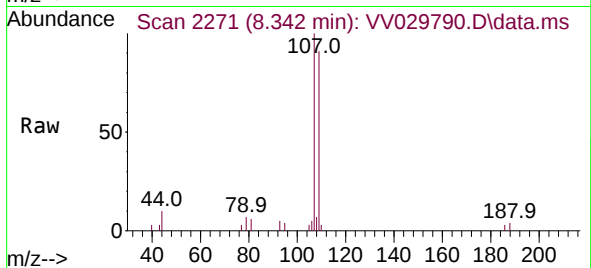
Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	8212
Ion Ratio	Lower	Upper
107	100	
109	91.4	66.1 122.7
188	3.8	2.9 4.3



#51

Chlorobenzene

Concen: 0.990 ug/L

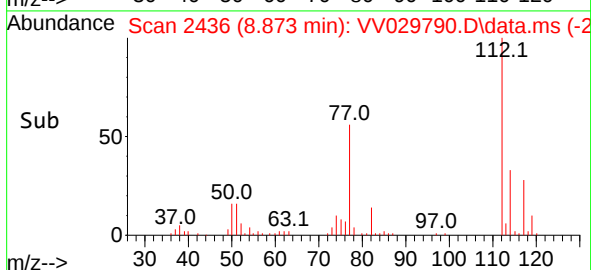
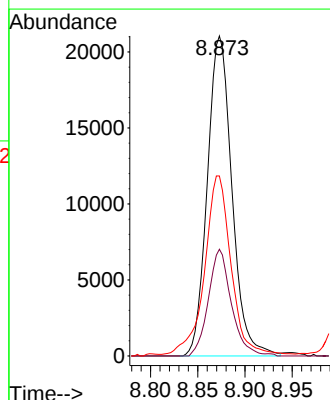
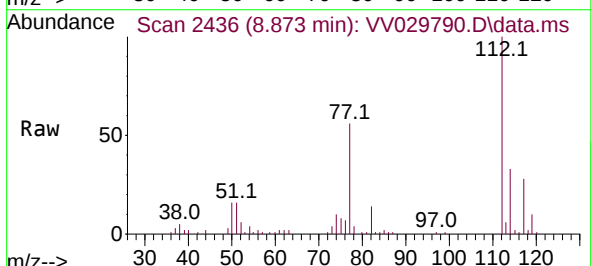
RT: 8.873 min Scan# 2436

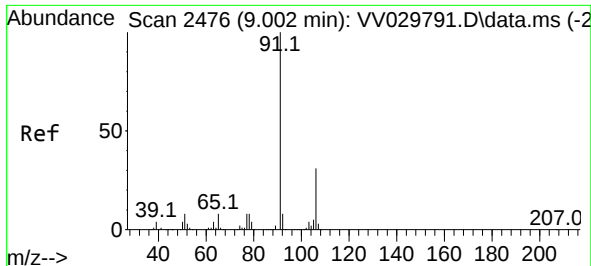
Delta R.T. 0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Tgt Ion:112	Resp:	38176
Ion Ratio	Lower	Upper
112	100	
114	33.4	22.5 41.9
77	56.2	46.1 69.1

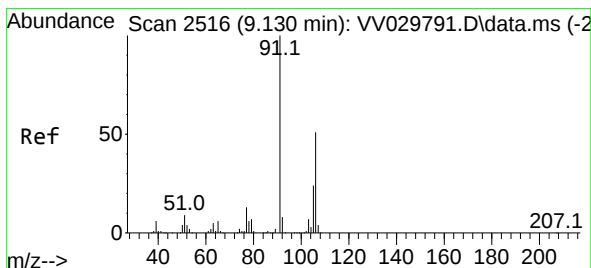
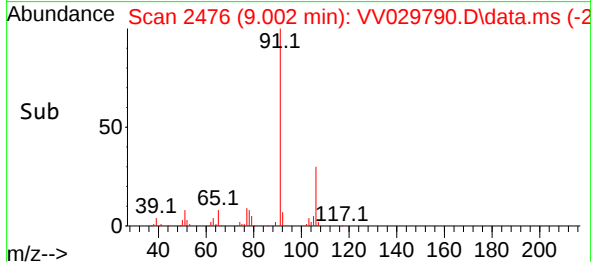
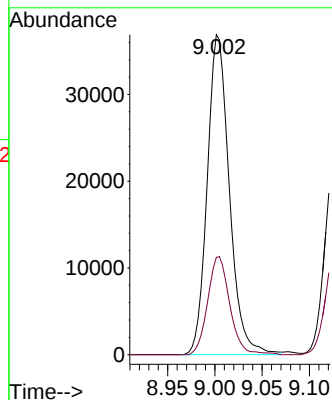
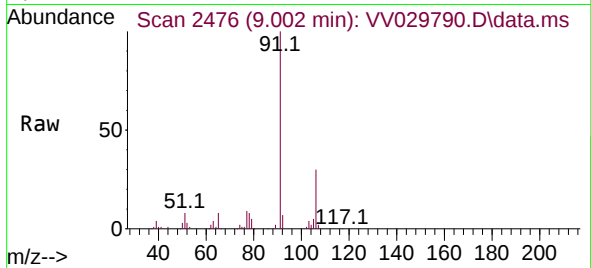




#52
Ethylbenzene
Concen: 0.938 ug/L
RT: 9.002 min Scan# 2476
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

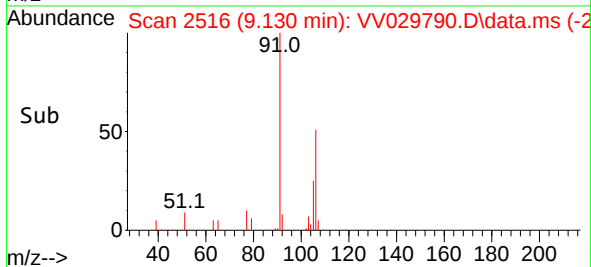
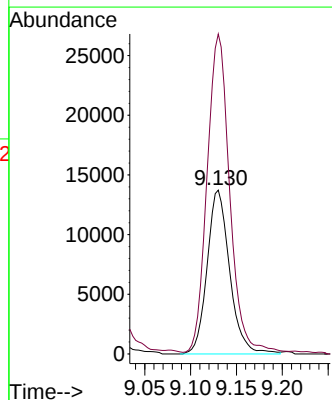
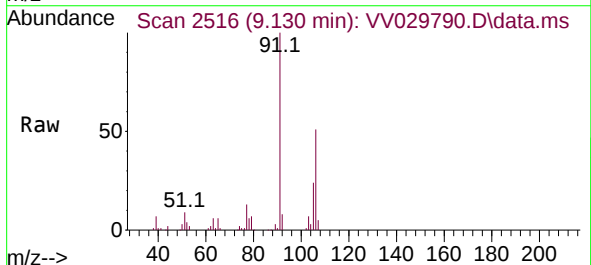
Instrument :
MSVOA_V
ClientSampleId :

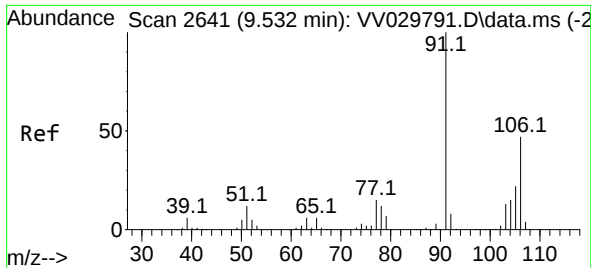
Tgt Ion: 91 Resp: 60183
Ion Ratio Lower Upper
91 100
106 30.4 21.9 40.7



#53
m,p-Xylene
Concen: 0.923 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 106 Resp: 23507
Ion Ratio Lower Upper
106 100
91 195.3 138.7 257.7

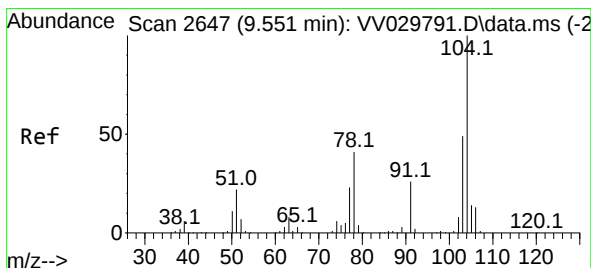
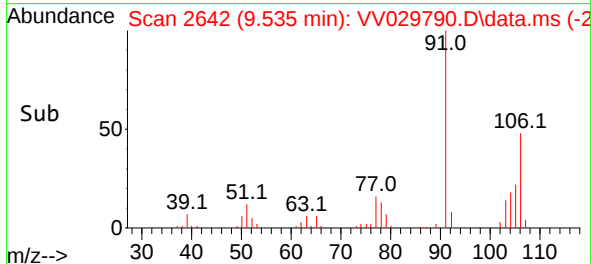
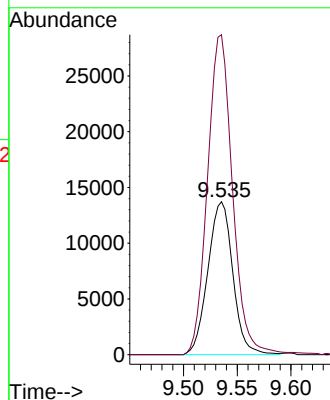
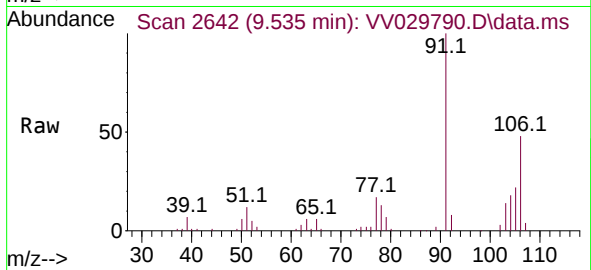




#54
o-Xylene
Concen: 0.900 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

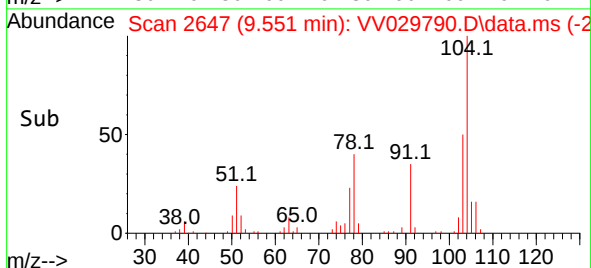
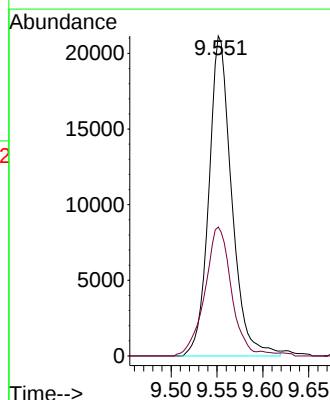
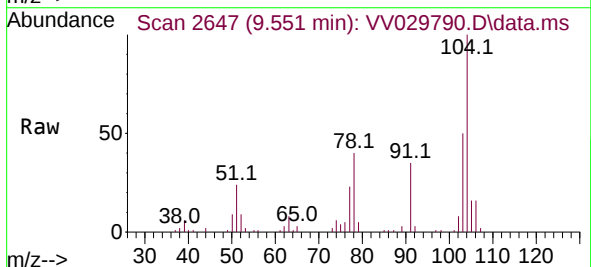
Instrument :
MSVOA_V
ClientSampleId :

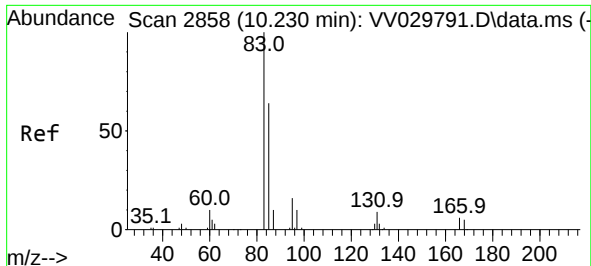
Tgt Ion:106 Resp: 22183
Ion Ratio Lower Upper
106 100
91 209.2 147.7 274.3



#55
Styrene
Concen: 0.873 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion:104 Resp: 36687
Ion Ratio Lower Upper
104 100
78 40.3 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 1.107 ug/L

RT: 10.230 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029790.D

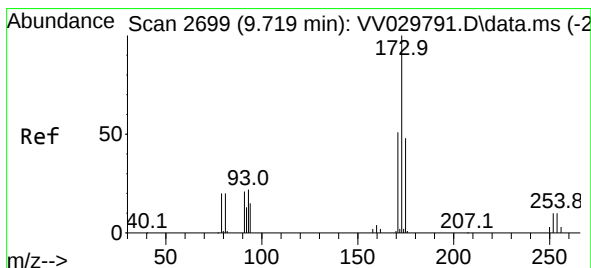
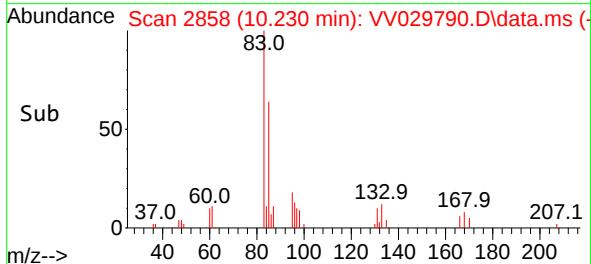
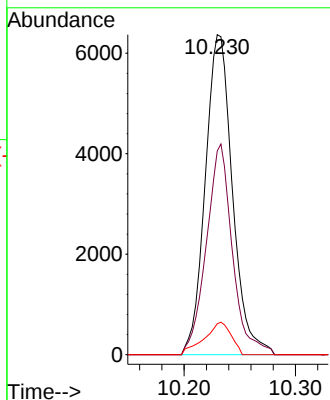
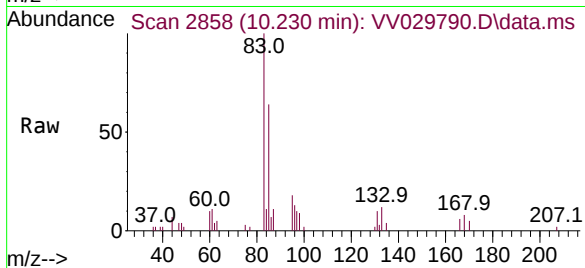
Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	10805
Ion	Ratio	Lower	Upper
83	100		
85	63.6	46.0	85.4
131	9.6	8.4	12.6



#59

Bromoform

Concen: 1.067 ug/L

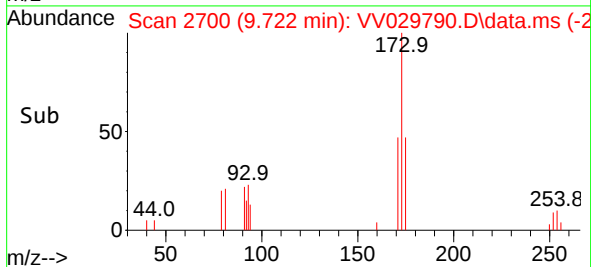
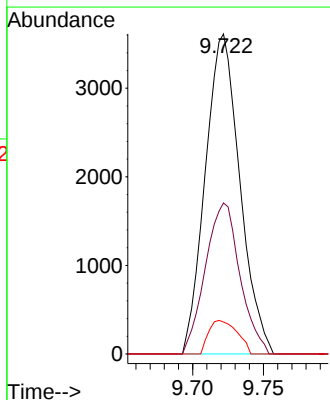
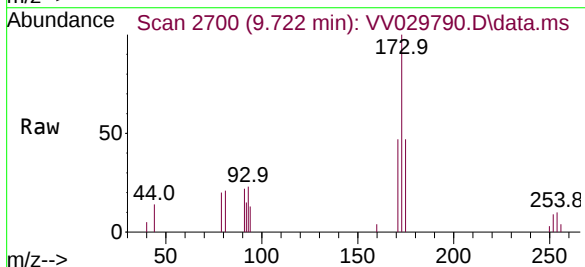
RT: 9.722 min Scan# 2700

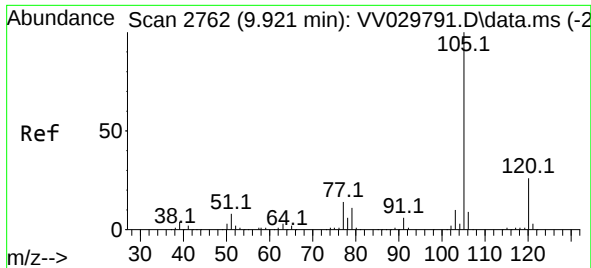
Delta R.T. 0.003 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Tgt Ion:	173	Resp:	6125
Ion	Ratio	Lower	Upper
173	100		
175	47.2	38.6	57.8
254	8.7	7.9	11.9

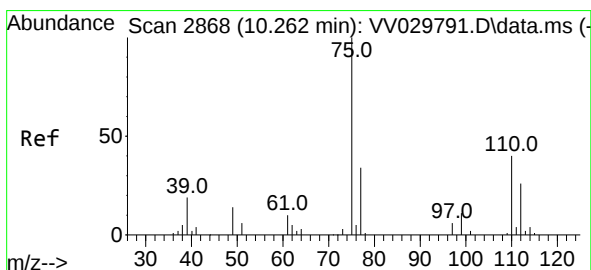
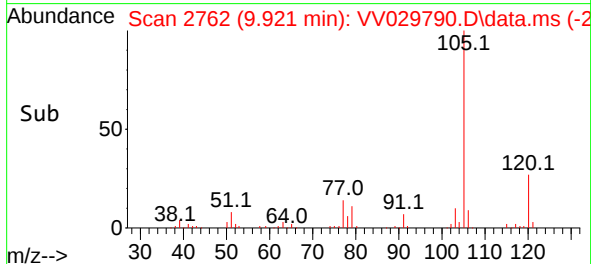
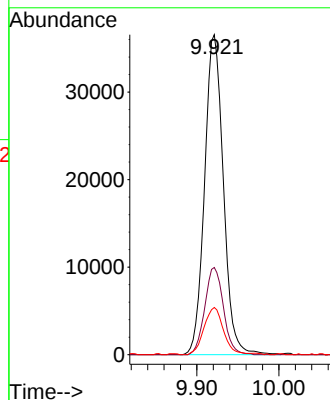
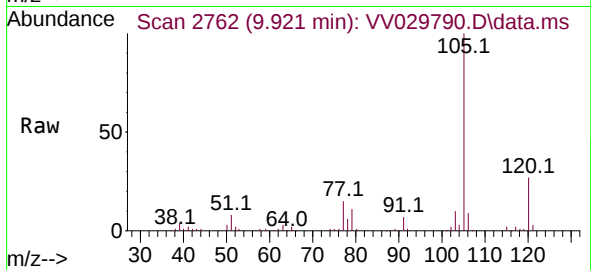




#60
Isopropylbenzene
Concen: 0.865 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

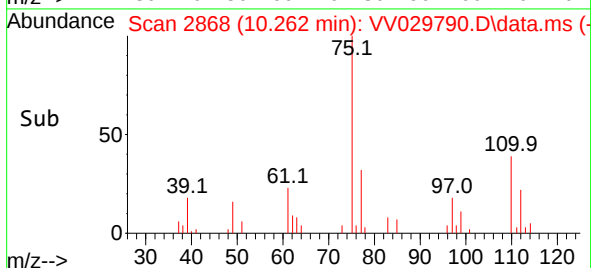
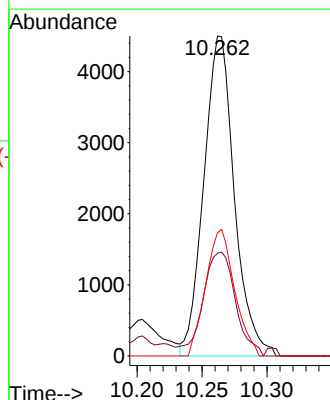
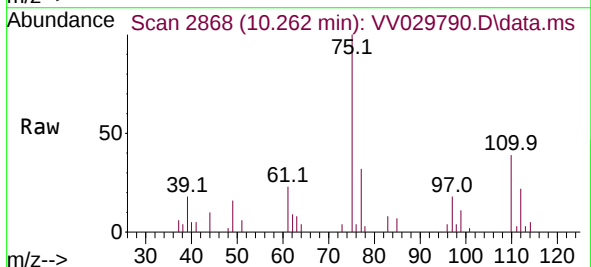
Instrument :
MSVOA_V
ClientSampleId :

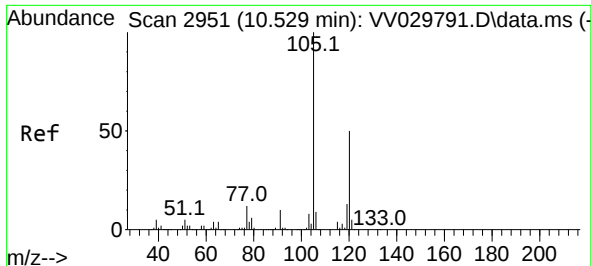
Tgt Ion:105 Resp: 58138
Ion Ratio Lower Upper
105 100
120 27.0 21.2 31.8
77 15.3 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 1.008 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion: 75 Resp: 7361
Ion Ratio Lower Upper
75 100
77 34.6 26.5 39.7
110 37.3 31.8 47.8

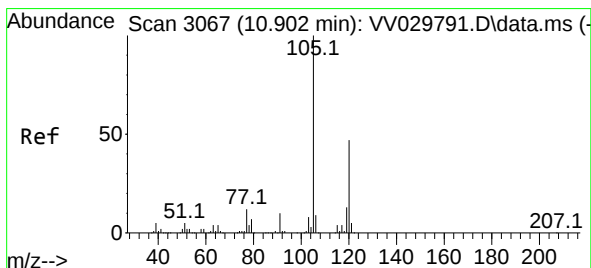
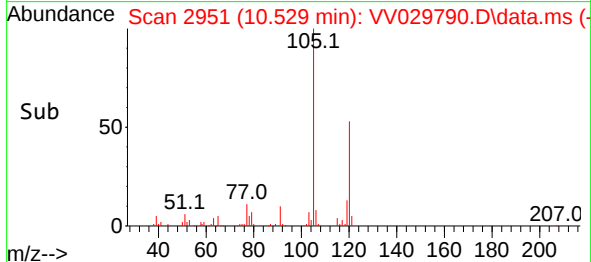
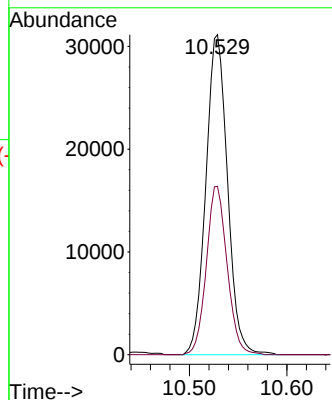
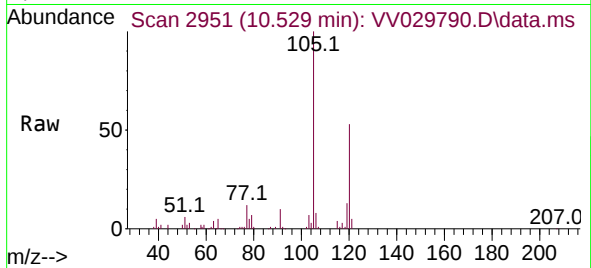




#62
 1,3,5-Trimethylbenzene
 Concen: 0.833 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

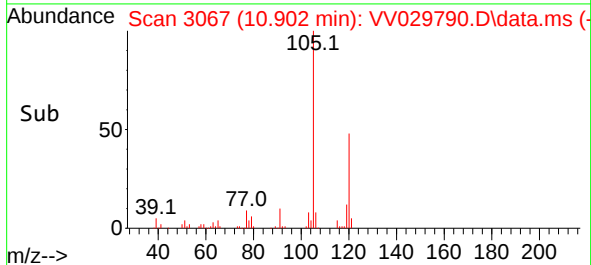
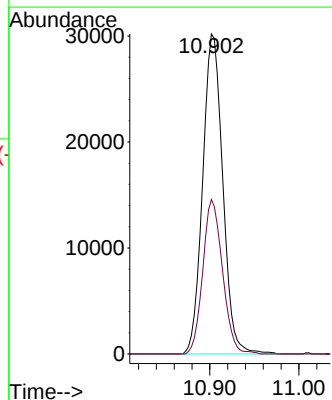
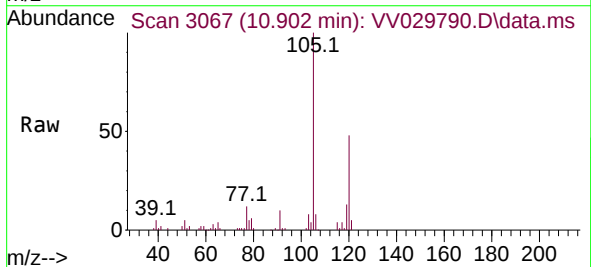
Instrument :
 MSVOA_V
 ClientSampleId :

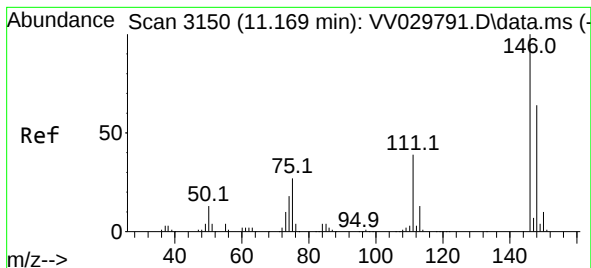
Tgt Ion:105 Resp: 48064
 Ion Ratio Lower Upper
 105 100
 120 50.5 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 0.813 ug/L
 RT: 10.902 min Scan# 3067
 Delta R.T. -0.000 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion:105 Resp: 47285
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.4 56.0





#64

1,3-Dichlorobenzene

Concen: 1.009 ug/L

RT: 11.172 min Scan# 3151

Delta R.T. 0.003 min

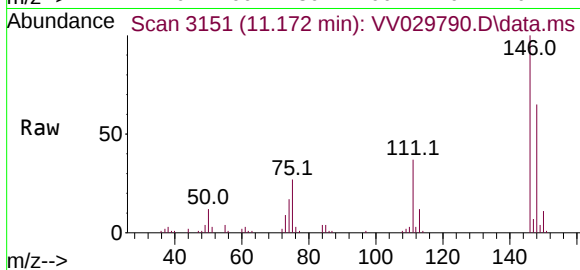
Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

Instrument :

MSVOA_V

ClientSampleId :



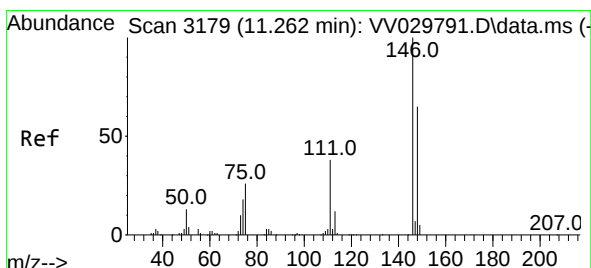
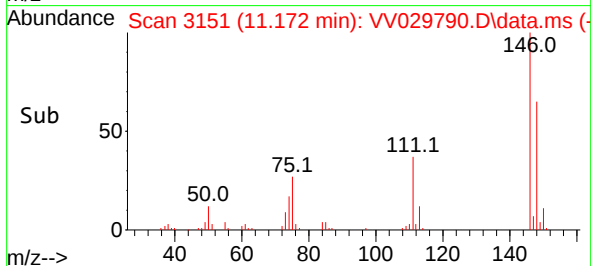
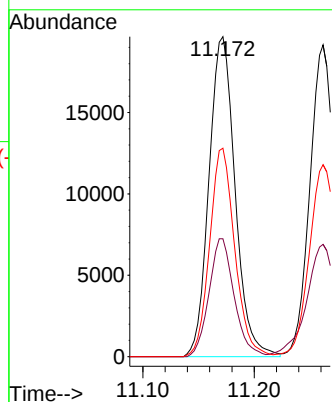
Tgt Ion:146 Resp: 32059

Ion Ratio Lower Upper

146 100

111 36.8 27.2 50.6

148 65.1 44.9 83.5



#65

1,4-Dichlorobenzene

Concen: 0.983 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. -0.000 min

Lab File: VV029790.D

Acq: 12 Jan 2023 16:54

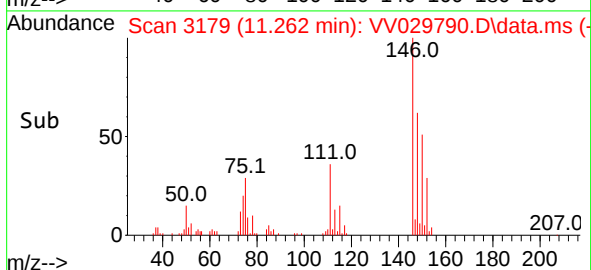
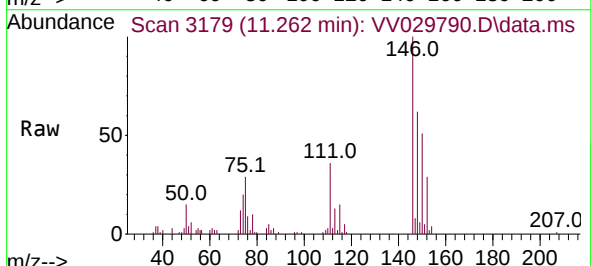
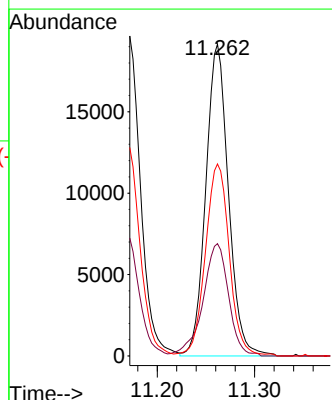
Tgt Ion:146 Resp: 30937

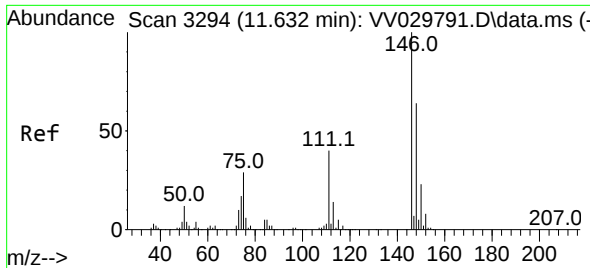
Ion Ratio Lower Upper

146 100

111 36.0 26.5 49.1

148 61.6 45.8 85.2

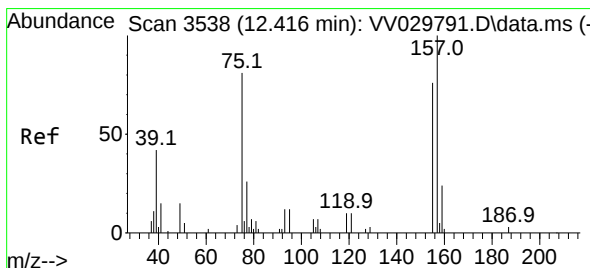
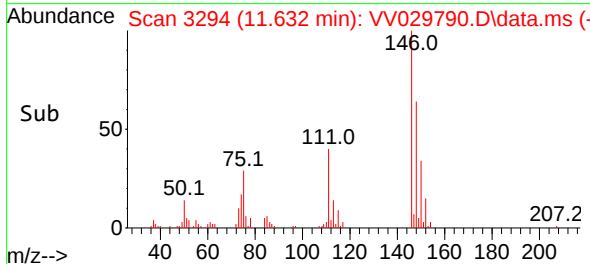
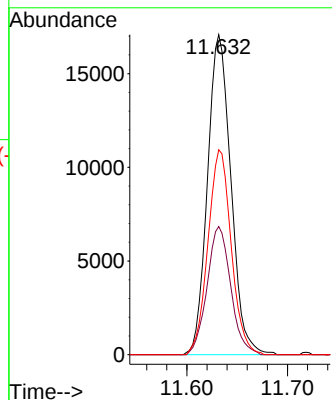
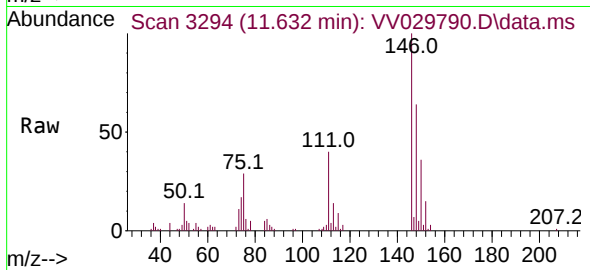




#67
1,2-Dichlorobenzene
Concen: 0.945 ug/L
RT: 11.632 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

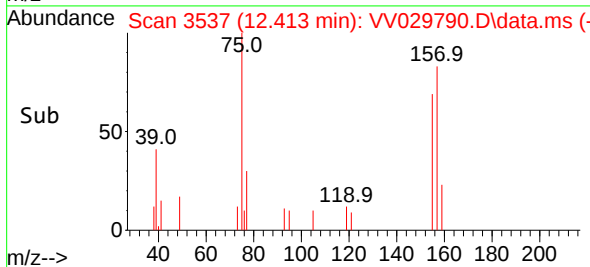
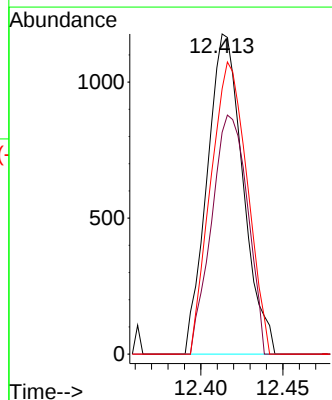
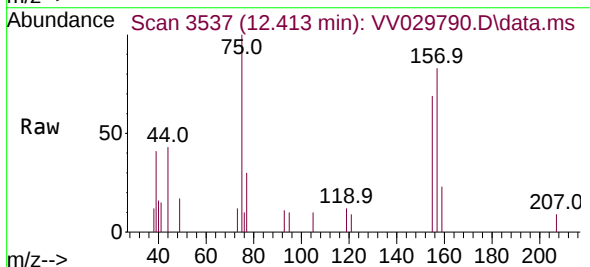
Instrument :
MSVOA_V
ClientSampleId :

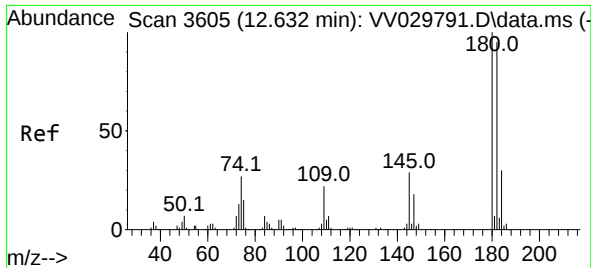
Tgt Ion:146 Resp: 27610
Ion Ratio Lower Upper
146 100
111 40.0 31.8 47.8
148 64.1 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 1.213 ug/L
RT: 12.413 min Scan# 3537
Delta R.T. -0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

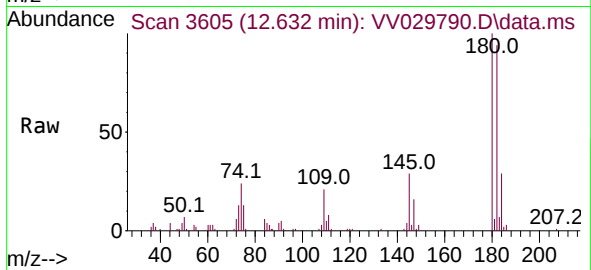
Tgt Ion: 75 Resp: 1792
Ion Ratio Lower Upper
75 100
155 69.2 75.5 113.3#
157 82.8 99.2 148.8#



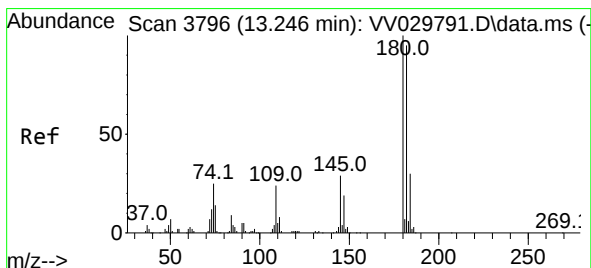
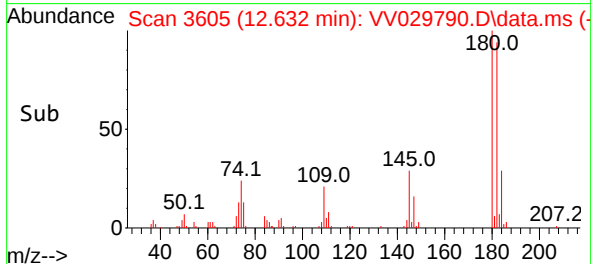
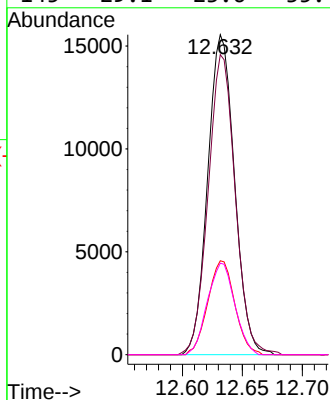


#69
 1,3,5-Trichlorobenzene
 Concen: 0.926 ug/L
 RT: 12.632 min Scan# 3605
 Delta R.T. -0.000 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Instrument :
 MSVOA_V
 ClientSampleId :

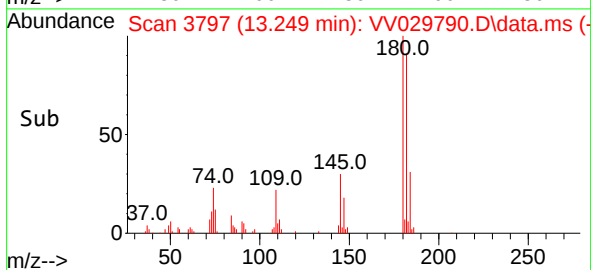
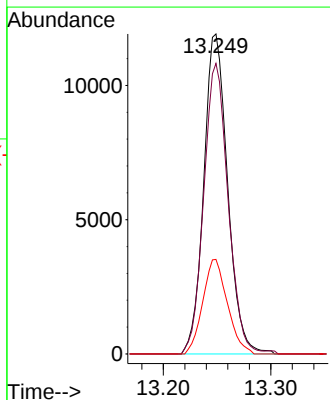
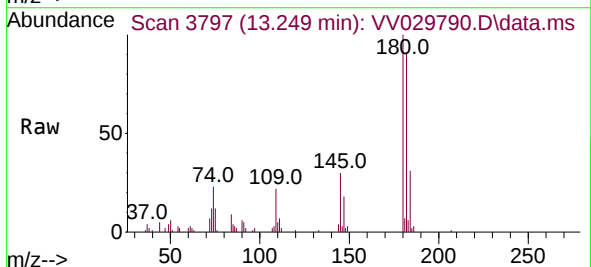


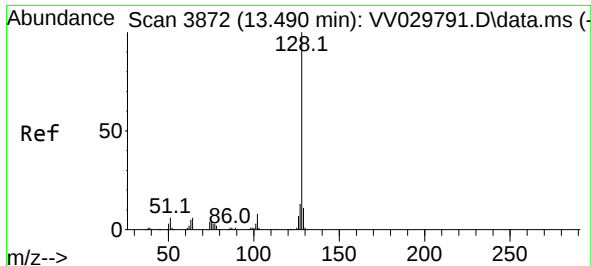
Tgt Ion:180	Resp:	24141
Ion	Ratio	Lower Upper
180	100	
182	94.7	75.4 113.2
184	29.5	23.9 35.9
145	29.1	23.6 35.4



#70
 1,2,4-trichlorobenzene
 Concen: 0.877 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.003 min
 Lab File: VV029790.D
 Acq: 12 Jan 2023 16:54

Tgt Ion:180	Resp:	18392
Ion	Ratio	Lower Upper
180	100	
182	92.4	75.8 113.8
145	30.4	23.7 35.5

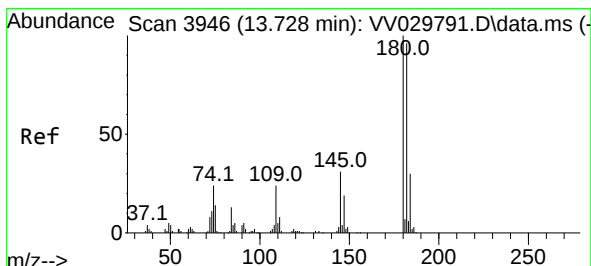
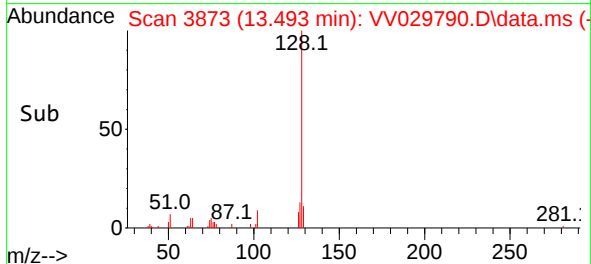
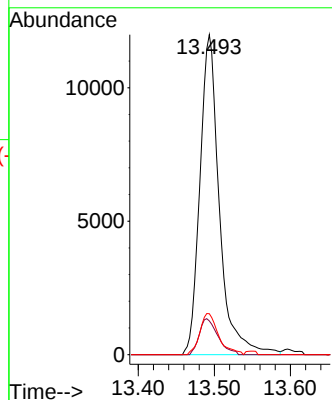
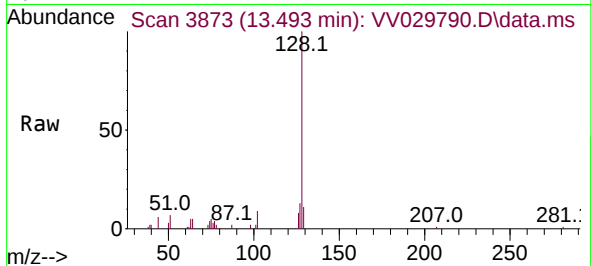




#71
Naphthalene
Concen: 1.055 ug/L
RT: 13.493 min Scan# 3872
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 21367
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.3 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.852 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VV029790.D
Acq: 12 Jan 2023 16:54

Tgt Ion:180 Resp: 14586
Ion Ratio Lower Upper
180 100
182 95.0 75.5 113.3
145 31.1 25.0 37.6

