

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029298.D
 Acq On : 23 Nov 2022 16:34
 Operator : SY/MD
 Sample : VSTD00111
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 01:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	269188	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	236466	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	124242	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	15106	0.912	ug/L	0.00
7) Chloroethane-d5	1.565	69	11016	0.908	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	24194	0.913	ug/L	0.00
20) 2-Butanone-d5	3.925	46	21917	7.926	ug/L	0.02
24) Chloroform-d	4.339	84	27293	0.923	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	12159	0.935	ug/L	0.00
32) Benzene-d6	5.044	84	57952	0.887	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	16049	0.874	ug/L	0.00
41) Toluene-d8	7.310	98	53416	0.866	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	5629	0.795	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	20426	8.093	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	10429	0.920	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	20312	0.936	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	18146	0.903	ug/L	99
3) Chloromethane	1.240	50	17082	0.928	ug/L	99
5) Vinyl chloride	1.307	62	15682	0.855	ug/L	99
6) Bromomethane	1.516	94	9801	0.857	ug/L	99
8) Chloroethane	1.581	64	8857	0.813	ug/L	98
9) Trichlorofluoromethane	1.748	101	22613	0.881	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	12244	0.856	ug/L	99
12) 1,1-Dichloroethene	2.114	96	12323	0.890	ug/L	97
13) Acetone	2.195	43	16849	8.366	ug/L	63
14) Carbon disulfide	2.288	76	33538	0.834	ug/L	99
15) Methyl Acetate	2.436	43	5949	1.017	ug/L #	70
16) Methylene chloride	2.500	84	18970	0.897	ug/L	97
17) Methyl tert-butyl Ether	2.764	73	29010	0.820	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	13268	0.835	ug/L	94
19) 1,1-Dichloroethane	3.185	63	24211	0.847	ug/L	95
21) 2-Butanone	4.008	43	19743	6.245	ug/L	92
22) cis-1,2-Dichloroethene	3.912	96	15382	0.847	ug/L	89
23) Bromochloromethane	4.243	128	5765	0.792	ug/L	96
25) Chloroform	4.368	83	25559	0.856	ug/L	98
27) 1,2-Dichloroethane	5.130	62	13728	0.849	ug/L	96
29) 1,1,1-Trichloroethane	4.600	97	22287	0.819	ug/L	99
30) Cyclohexane	4.667	56	22387	0.833	ug/L	98
31) Carbon tetrachloride	4.818	117	18748	0.815	ug/L	99
33) Benzene	5.095	78	58135	0.822	ug/L	100
34) Trichloroethene	5.912	95	15082	0.836	ug/L	95
35) Methylcyclohexane	6.124	83	26042	0.855	ug/L	99
37) 1,2-Dichloropropane	6.169	63	14087	0.846	ug/L	99
38) Bromodichloromethane	6.503	83	16053	0.805	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	19042	0.782	ug/L	96
40) 4-Methyl-2-pentanone	7.227	43	62789	8.054	ug/L	98
42) Toluene	7.381	91	63001	0.830	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	14498	0.752	ug/L	99

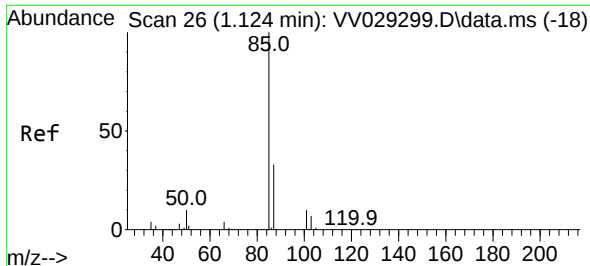
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 Data File : VV029298.D
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Quant Time: Nov 24 01:08:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 01:07:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	8839	0.784	ug/L	96
47) Tetrachloroethene	7.969	164	12306	0.832	ug/L	96
48) 2-Hexanone	8.140	43	42700	7.809	ug/L	99
49) Dibromochloromethane	8.240	129	9813	0.773	ug/L	97
50) 1,2-Dibromoethane	8.349	107	8003	0.813	ug/L	98
51) Chlorobenzene	8.876	112	40718	0.858	ug/L	97
52) Ethylbenzene	9.005	91	66658	0.842	ug/L	97
53) m,p-Xylene	9.133	106	26980	0.864	ug/L	98
54) o-Xylene	9.535	106	25921	0.845	ug/L	96
55) Styrene	9.555	104	43269	0.836	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	9931	0.851	ug/L #	94
59) Bromoform	9.722	173	5530	0.847	ug/L	98
60) Isopropylbenzene	9.921	105	69643	0.867	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	7362	0.854	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	59855	0.861	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	60517	0.865	ug/L	98
64) 1,3-Dichlorobenzene	11.172	146	31536	0.842	ug/L	94
65) 1,4-Dichlorobenzene	11.262	146	32656	0.881	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	29711	0.861	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	1438	0.850	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.635	180	27018	0.875	ug/L	97
70) 1,2,4-trichlorobenzene	13.249	180	21161	0.846	ug/L	99
71) Naphthalene	13.497	128	19497	0.900	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	17402	0.854	ug/L	100

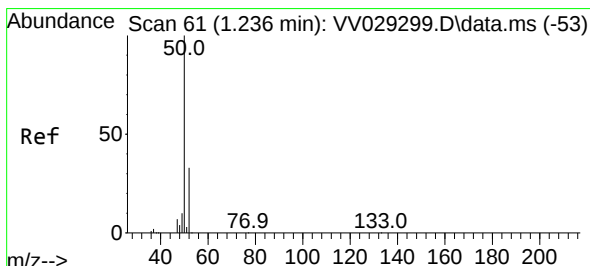
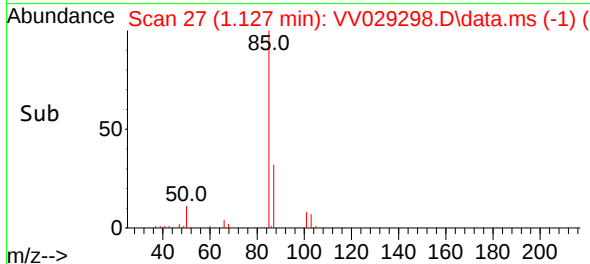
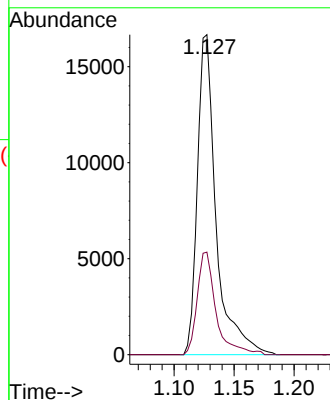
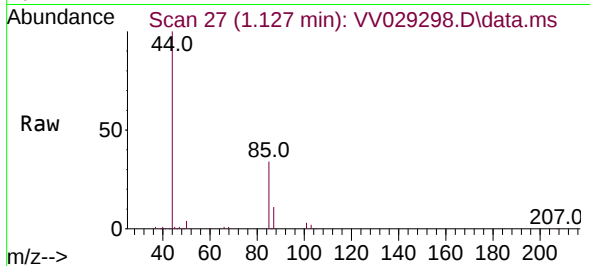
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.903 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029298.D
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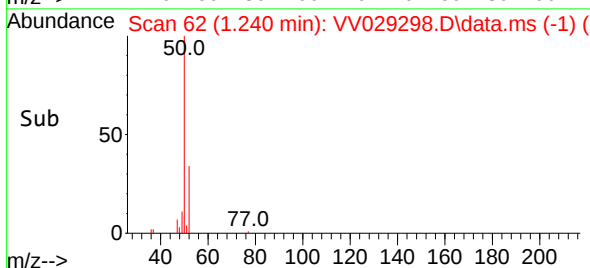
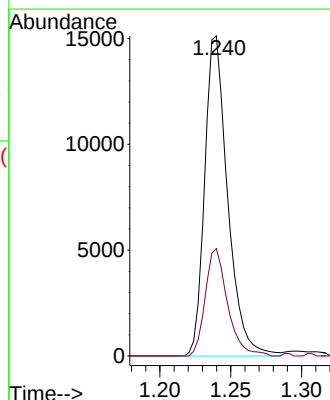
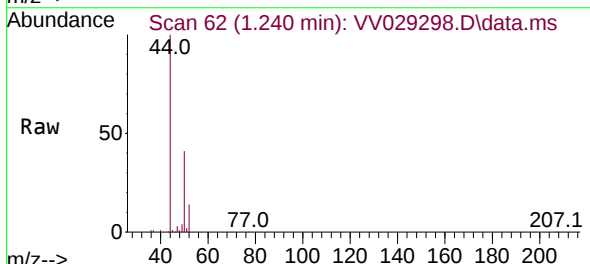
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 MSVOA_V
 ClientSampleId :

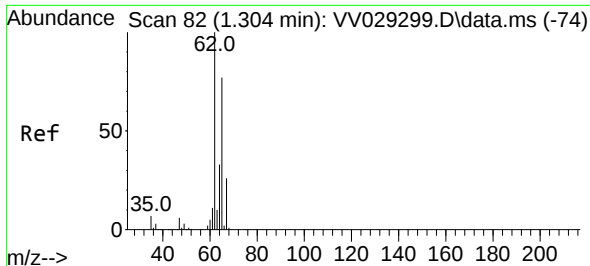
Tgt Ion: 85 Resp: 18146
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.2 39.4



#3
 Chloromethane
 Concen: 0.928 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

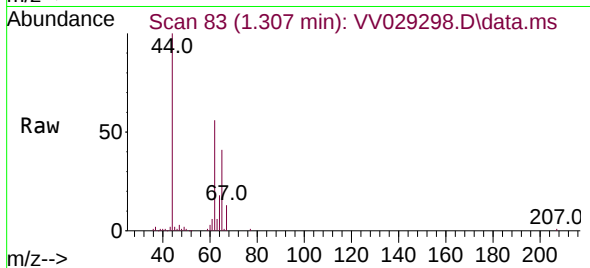
Tgt Ion: 50 Resp: 17082
 Ion Ratio Lower Upper
 50 100
 52 33.5 23.2 43.2



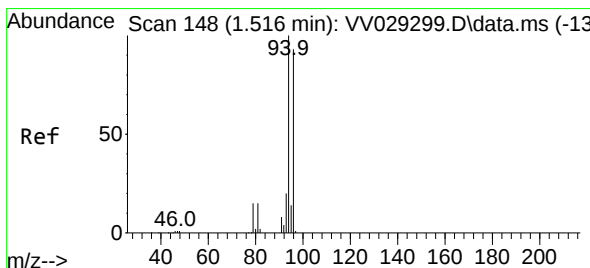
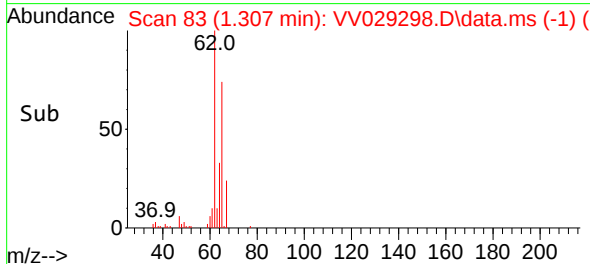
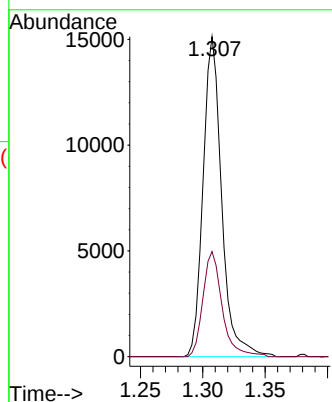


#5
 Vinyl chloride
 Concen: 0.855 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Instrument :
 MSVOA_V
 ClientSampleId :

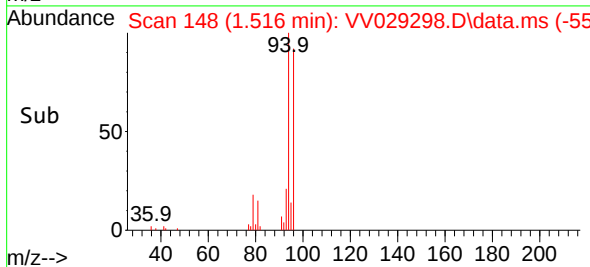
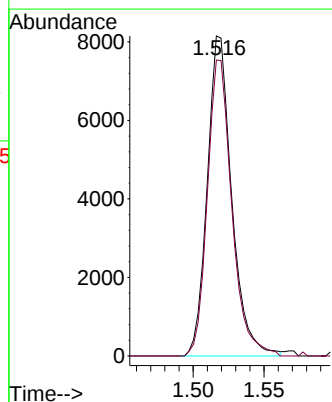
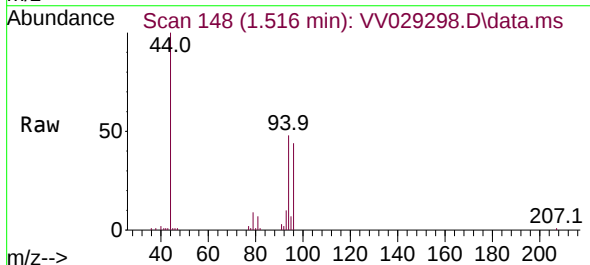


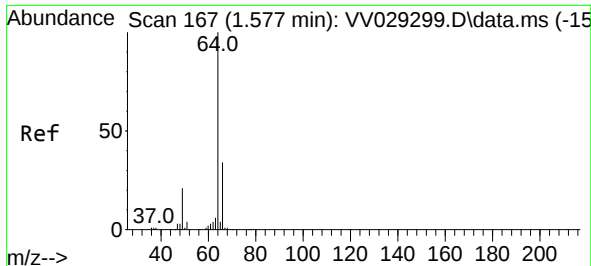
Tgt Ion: 62 Resp: 15682
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 0.857 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Tgt Ion: 94 Resp: 9801
 Ion Ratio Lower Upper
 94 100
 96 92.4 65.4 121.4





#8

Chloroethane

Concen: 0.813 ug/L

RT: 1.581 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

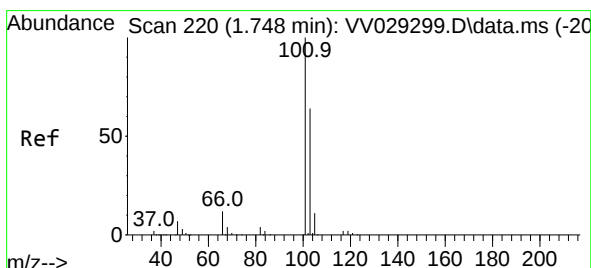
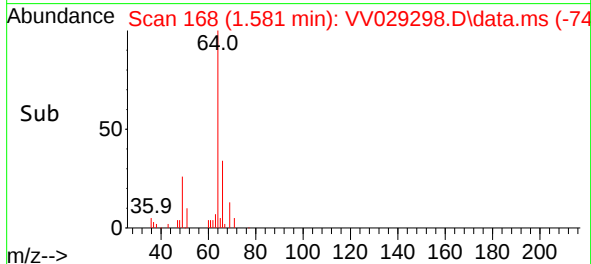
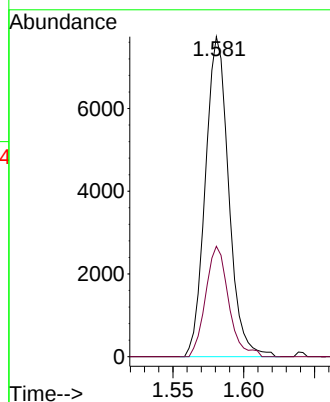
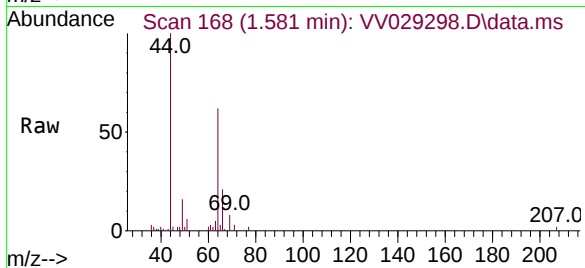
ClientSampleId :

Tgt Ion: 64 Resp: 8857

Ion Ratio Lower Upper

64 100

66 34.5 23.5 43.7



#9

Trichlorofluoromethane

Concen: 0.881 ug/L

RT: 1.748 min Scan# 220

Delta R.T. 0.000 min

Lab File: VV029298.D

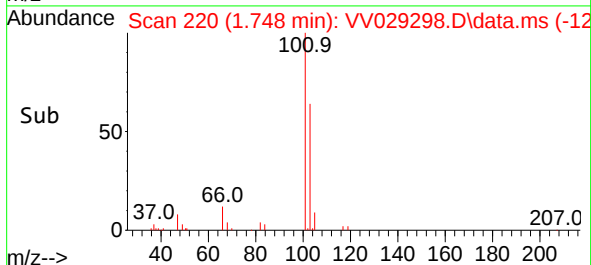
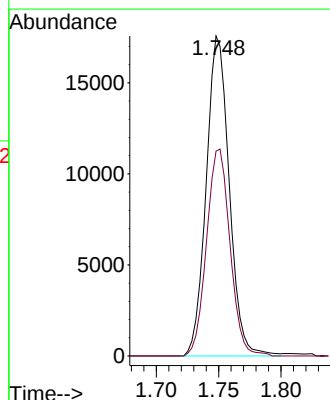
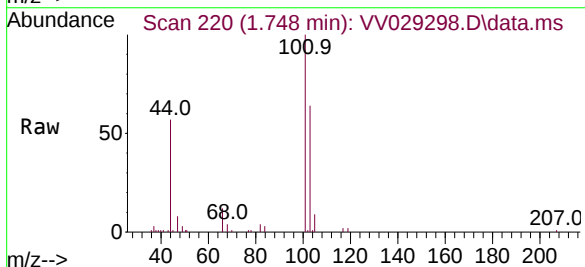
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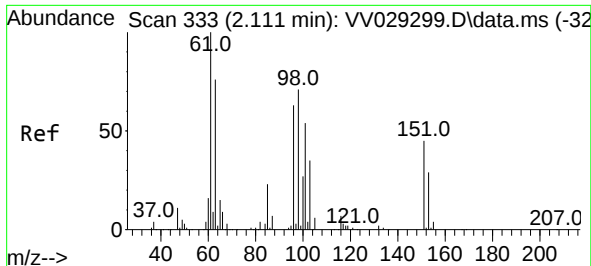
Tgt Ion:101 Resp: 22613

Ion Ratio Lower Upper

101 100

103 65.9 51.8 77.8

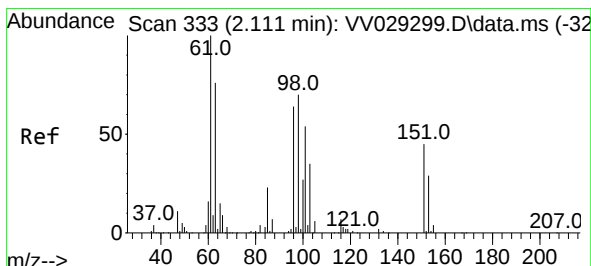
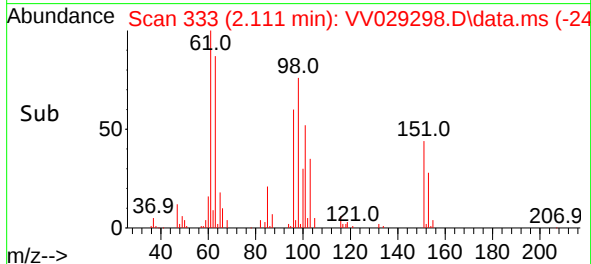
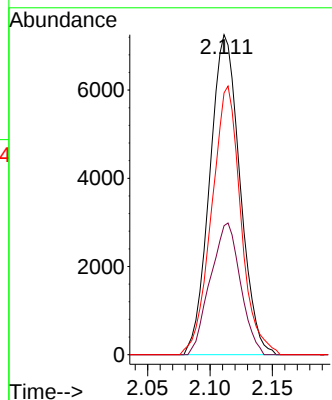
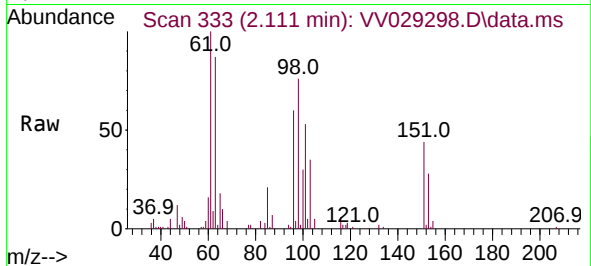




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.856 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

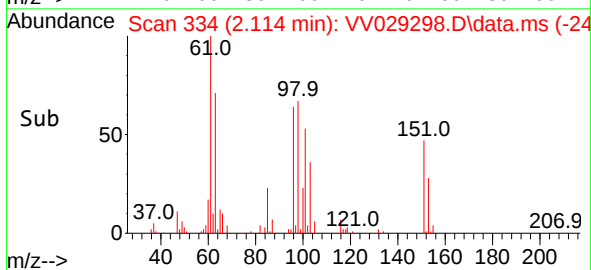
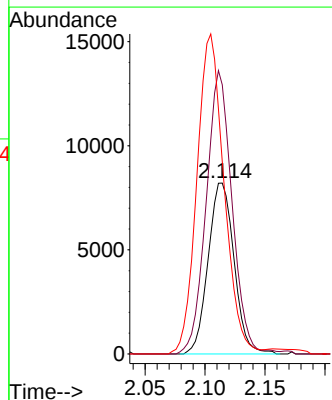
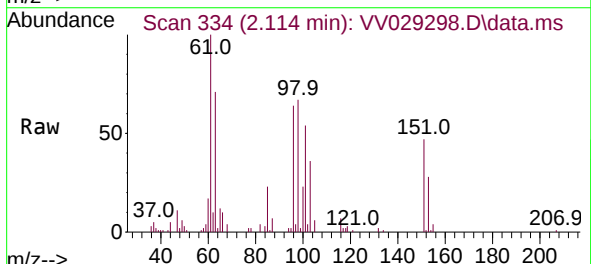
Instrument :
 MSVOA_V
 ClientSampleId :

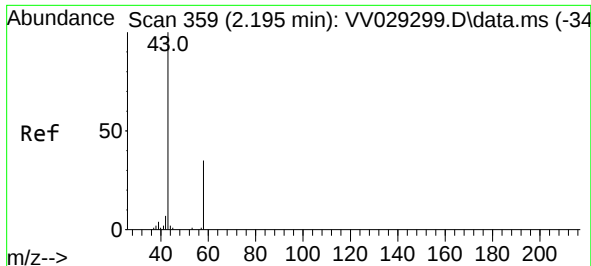
Tgt Ion:101 Resp: 12244
 Ion Ratio Lower Upper
 101 100
 85 40.9 33.6 50.4
 151 81.0 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 0.890 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Tgt Ion: 96 Resp: 12323
 Ion Ratio Lower Upper
 96 100
 61 157.5 110.3 204.9
 63 112.4 84.4 156.8





#13

Acetone

Concen: 8.366 ug/L

RT: 2.195 min Scan# 359

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

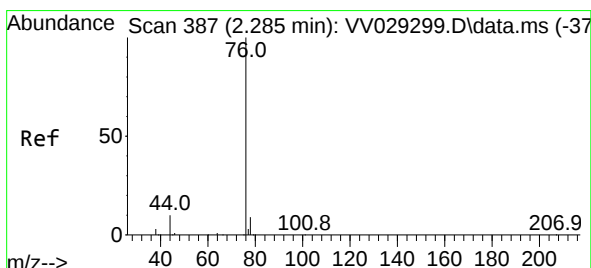
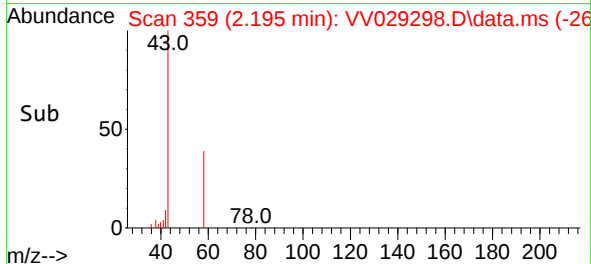
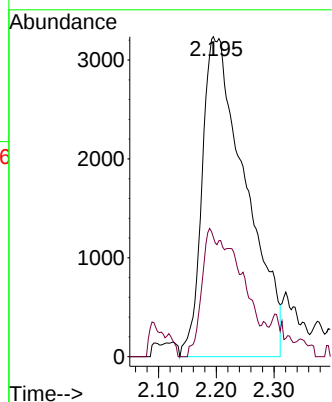
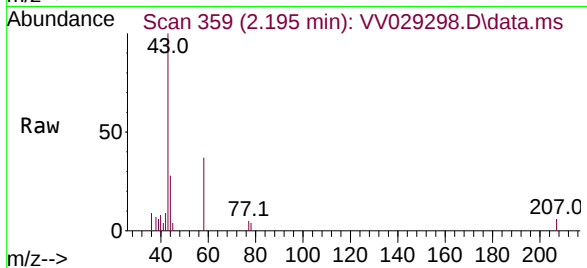
ClientSampleId :

Tgt Ion: 43 Resp: 16849

Ion Ratio Lower Upper

43 100

58 13.6 0.0 70.8



#14

Carbon disulfide

Concen: 0.834 ug/L

RT: 2.288 min Scan# 388

Delta R.T. 0.003 min

Lab File: VV029298.D

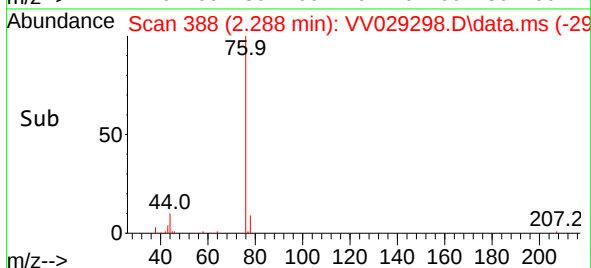
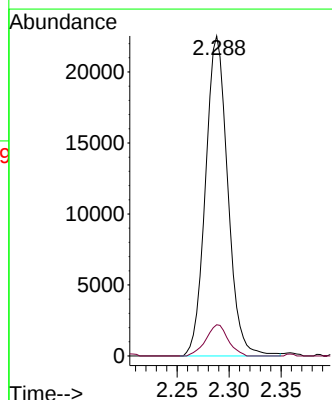
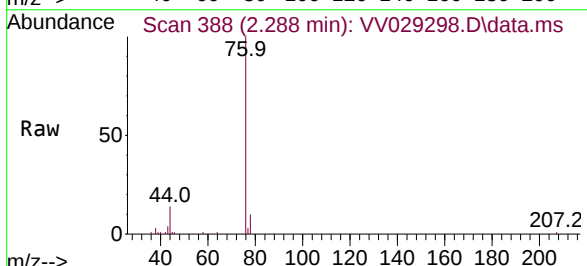
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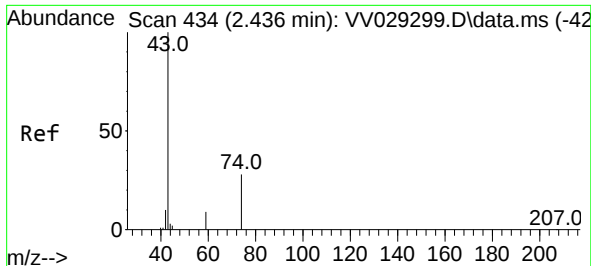
Tgt Ion: 76 Resp: 33538

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2

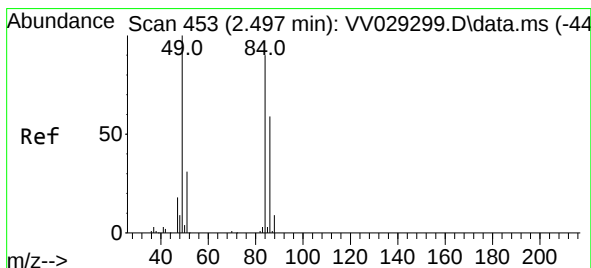
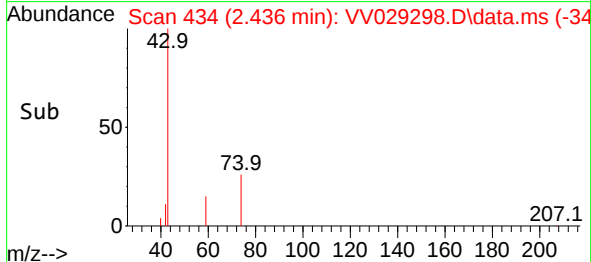
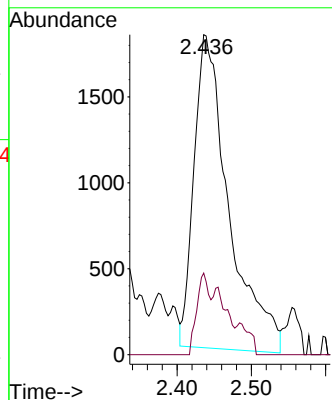
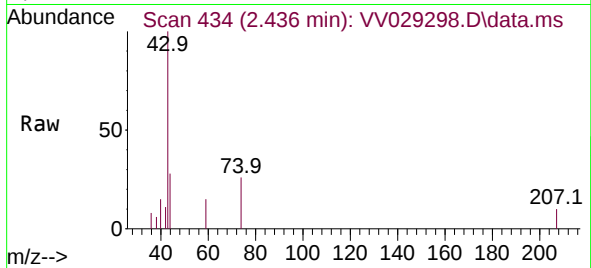




#15
Methyl Acetate
Concen: 1.017 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

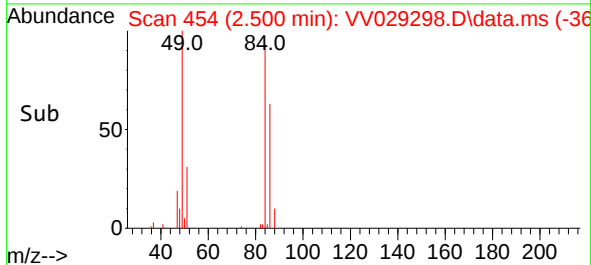
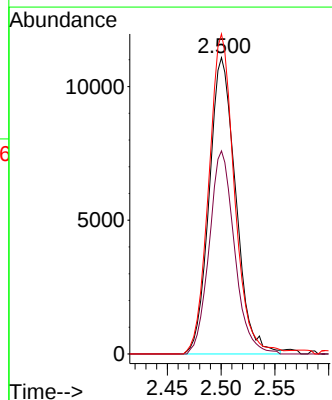
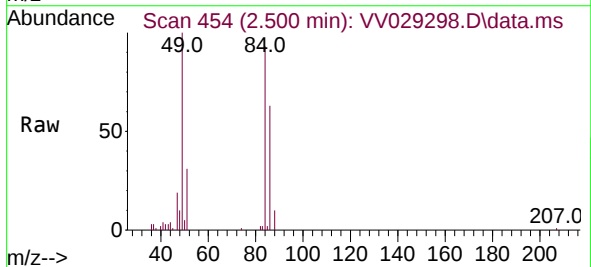
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MSVOA_V
ClientSampleId :

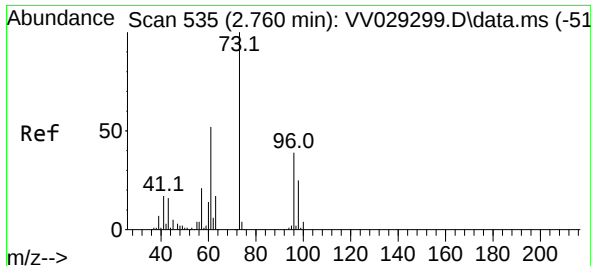
Tgt Ion: 43 Resp: 5949
Ion Ratio Lower Upper
43 100
74 9.5 19.6 29.4#



#16
Methylene chloride
Concen: 0.897 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 84 Resp: 18970
Ion Ratio Lower Upper
84 100
86 68.5 45.6 84.6
49 108.0 77.8 144.4

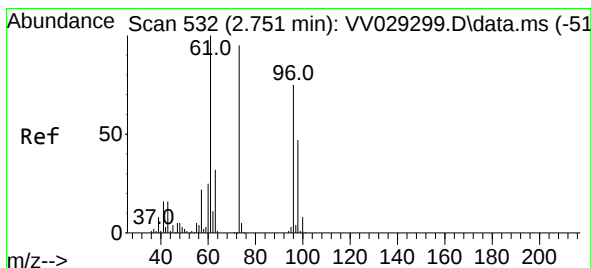
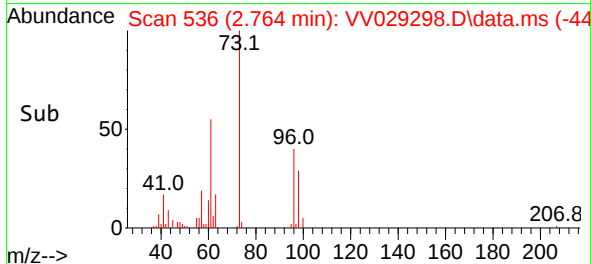
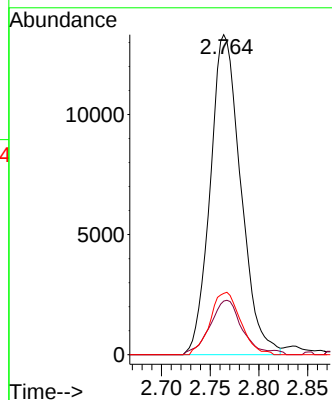
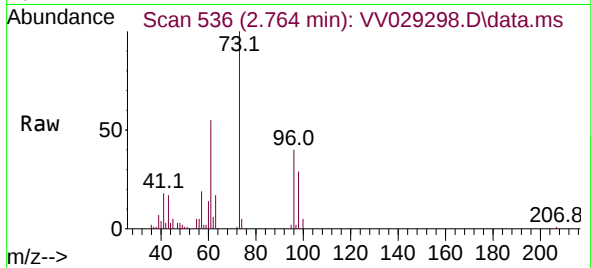




#17
Methyl tert-butyl Ether
Concen: 0.820 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

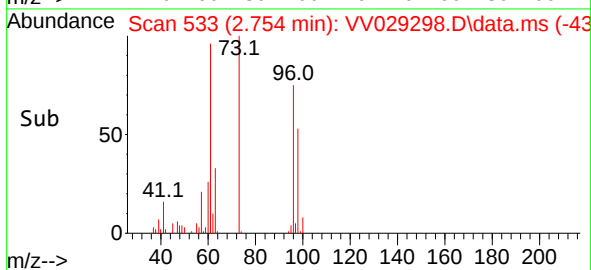
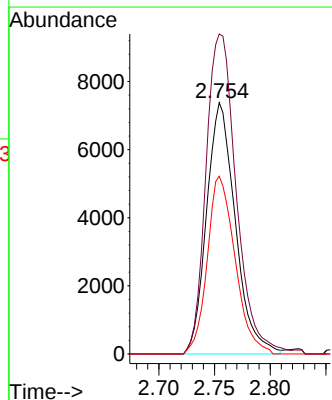
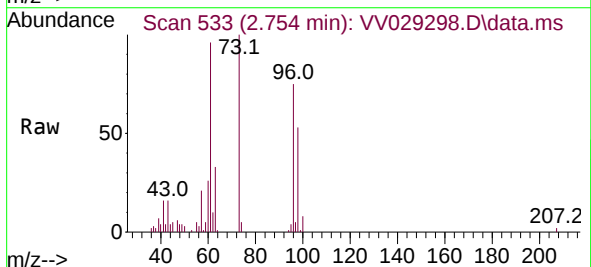
Instrument :
MSVOA_V
ClientSampleId :

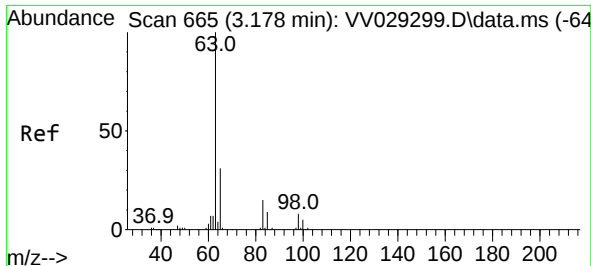
Tgt Ion: 73 Resp: 29010
Ion Ratio Lower Upper
73 100
43 17.7 13.2 19.8
57 19.5 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 0.835 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 96 Resp: 13268
Ion Ratio Lower Upper
96 100
61 127.3 93.0 172.6
98 70.7 44.0 81.8

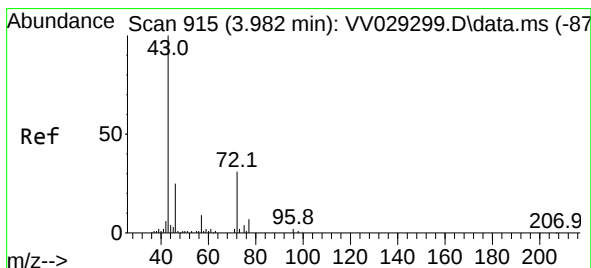
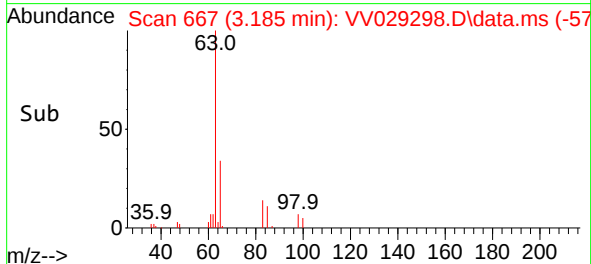
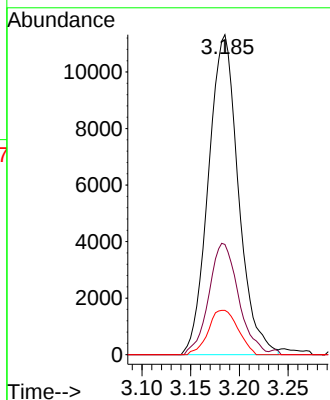
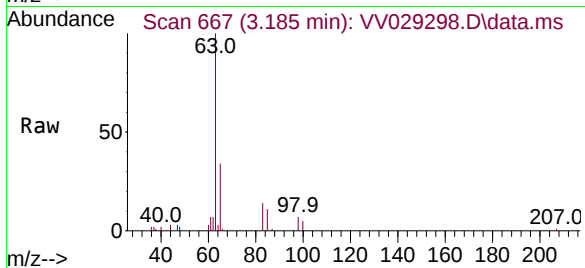




#19
1,1-Dichloroethane
Concen: 0.847 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.007 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

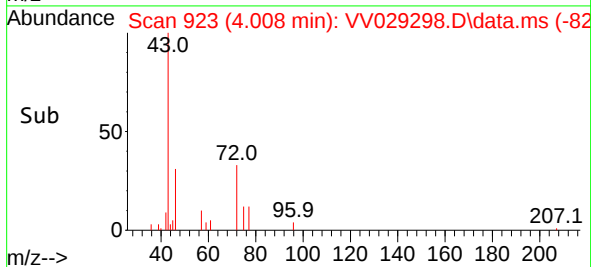
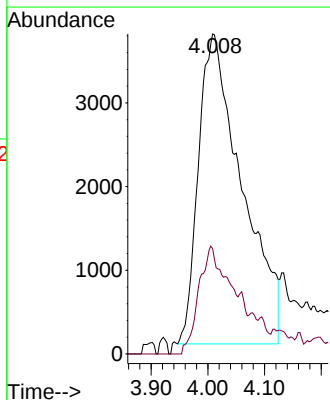
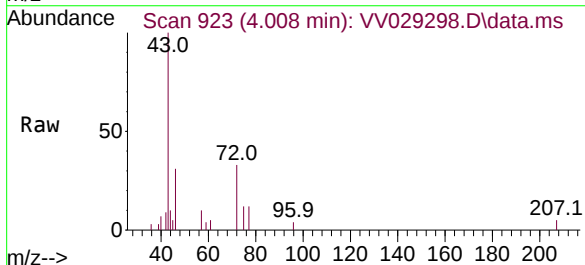
Instrument :
MSVOA_V
ClientSampleId :

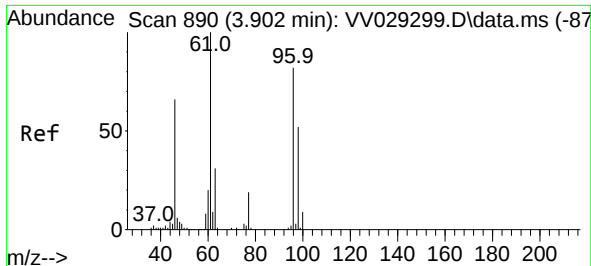
Tgt Ion: 63 Resp: 24211
Ion Ratio Lower Upper
63 100
65 34.5 21.6 40.2
83 13.8 10.3 19.1



#21
2-Butanone
Concen: 6.245 ug/L
RT: 4.008 min Scan# 923
Delta R.T. 0.026 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 43 Resp: 19743
Ion Ratio Lower Upper
43 100
72 23.5 13.8 41.3



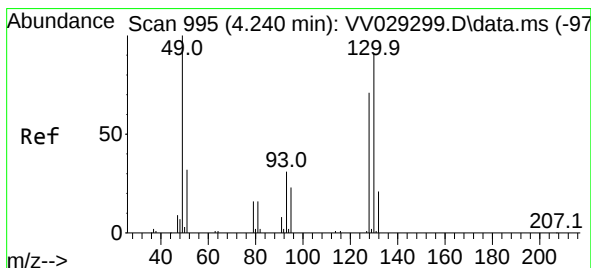
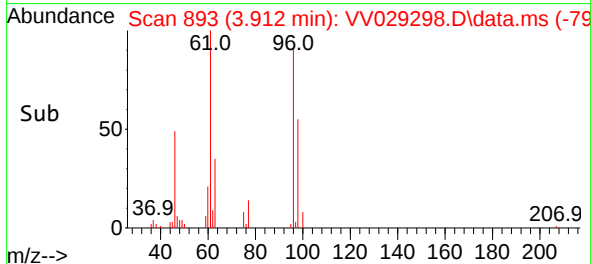
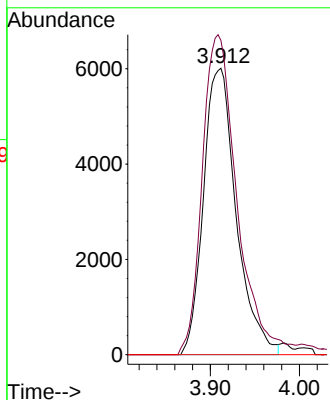
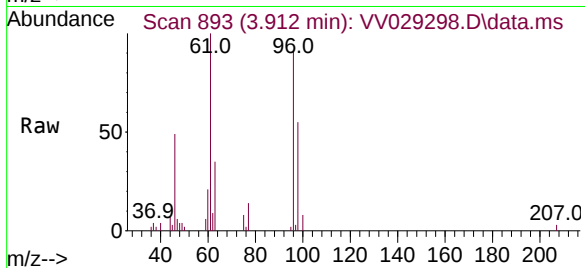


#22
 cis-1,2-Dichloroethene
 Concen: 0.847 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 15382

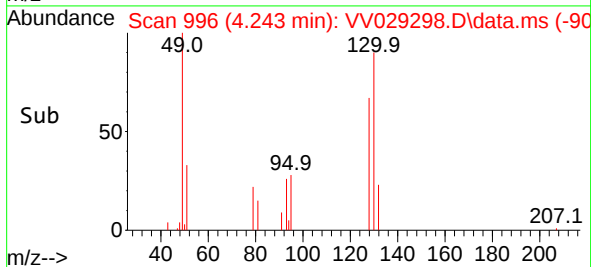
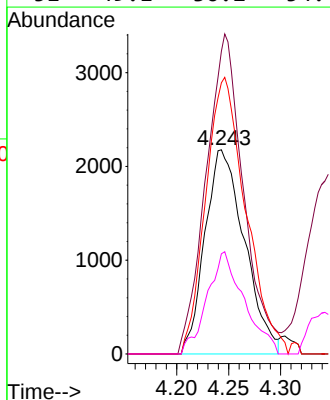
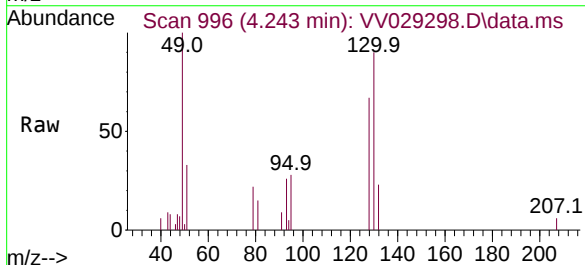
Ion	Ratio	Lower	Upper
96	100		
61	109.7	85.8	159.3
68	0.0	0.0	0.0

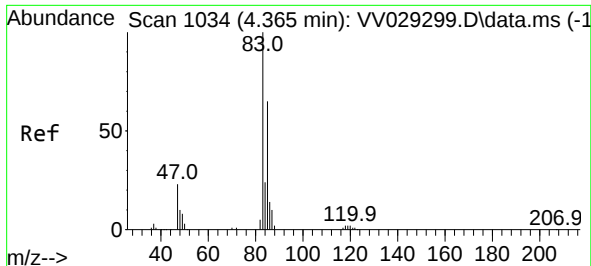


#23
 Bromochloromethane
 Concen: 0.792 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. 0.003 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Tgt Ion: 128 Resp: 5765

Ion	Ratio	Lower	Upper
128	100		
49	148.3	100.0	185.8
130	132.8	90.2	167.6
51	49.1	36.2	54.4





#25

Chloroform

Concen: 0.856 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

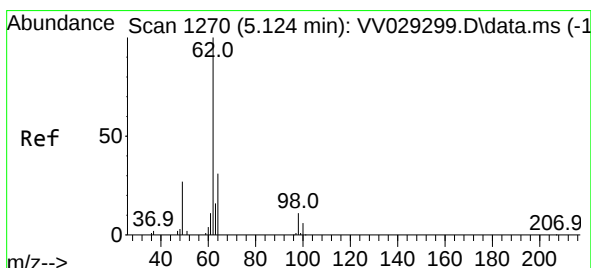
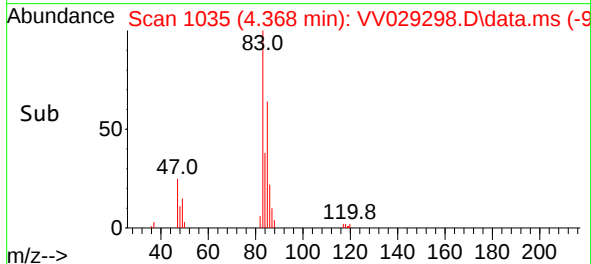
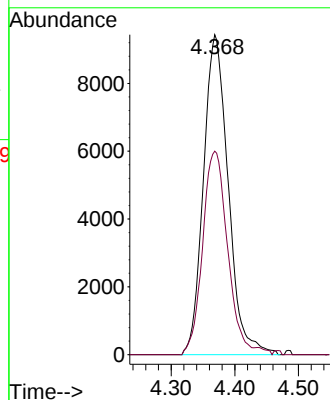
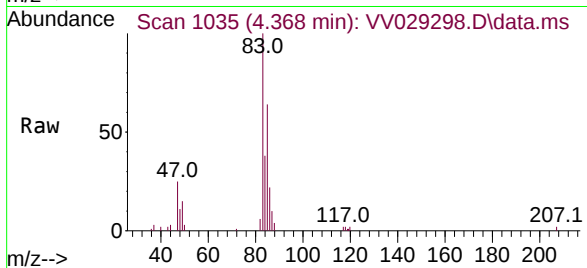
ClientSampleId :

Tgt Ion: 83 Resp: 25559

Ion Ratio Lower Upper

83 100

85 63.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 0.849 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.007 min

Lab File: VV029298.D

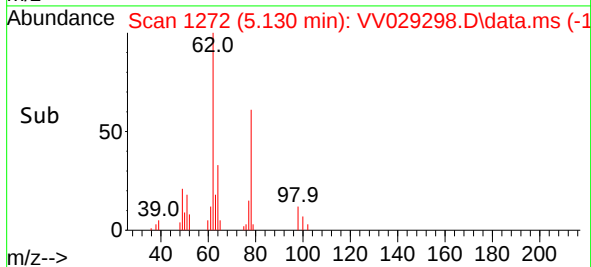
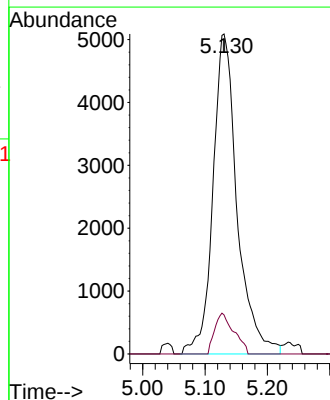
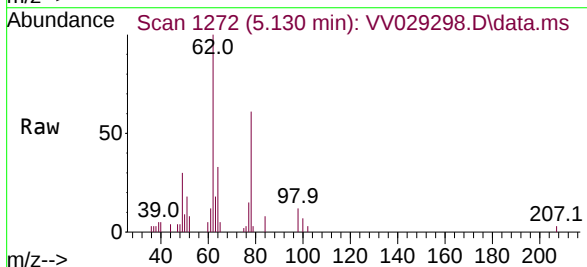
Acq: 23 Nov 2022 16:34

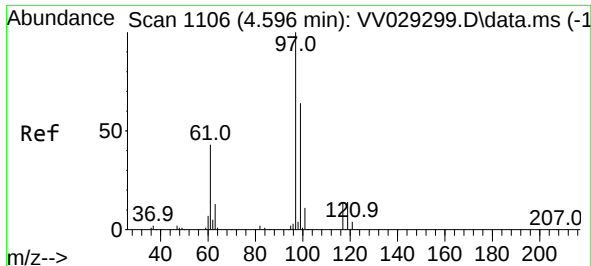
Tgt Ion: 62 Resp: 13728

Ion Ratio Lower Upper

62 100

98 12.2 8.4 12.6





#29

1,1,1-Trichloroethane

Concen: 0.819 ug/L

RT: 4.600 min Scan# 1106

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

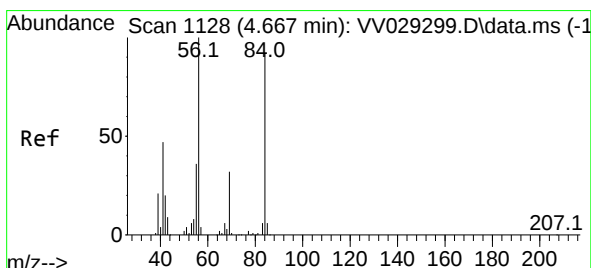
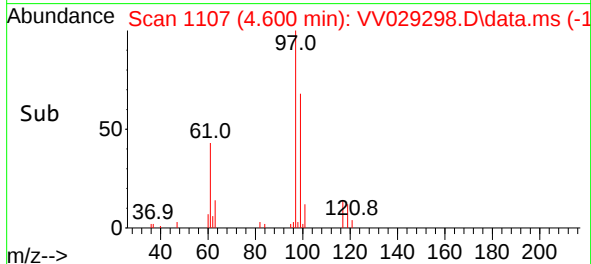
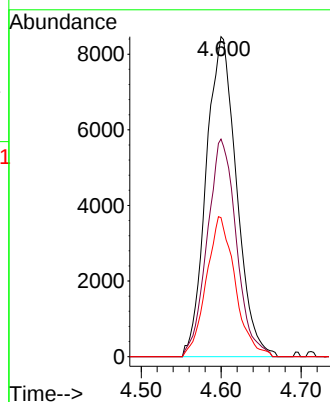
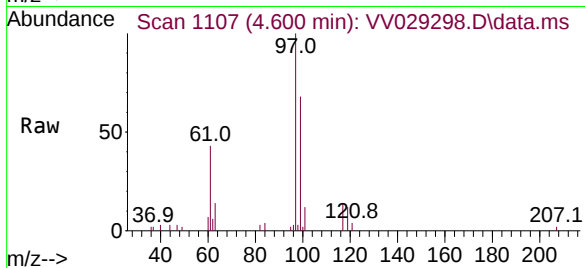
Tgt Ion: 97 Resp: 22287

Ion Ratio Lower Upper

97 100

99 65.2 51.2 76.8

61 41.6 33.3 49.9



#30

Cyclohexane

Concen: 0.833 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

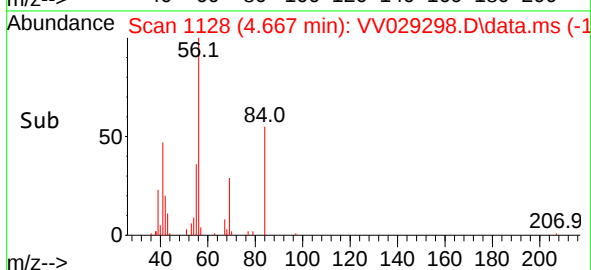
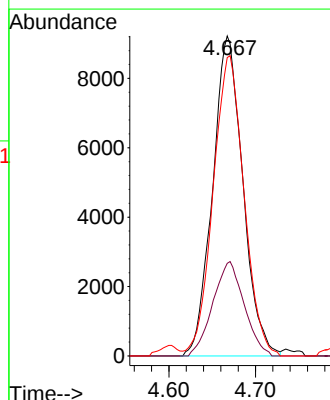
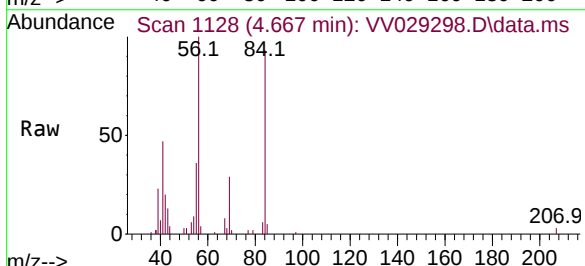
Tgt Ion: 56 Resp: 22387

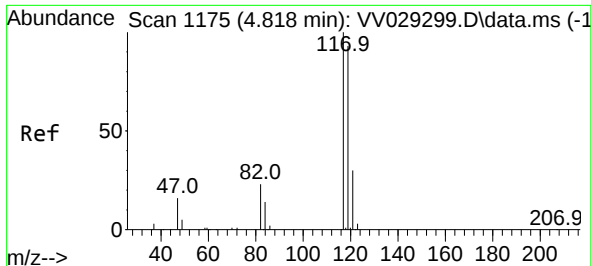
Ion Ratio Lower Upper

56 100

69 30.5 26.1 39.1

84 95.7 75.6 113.4

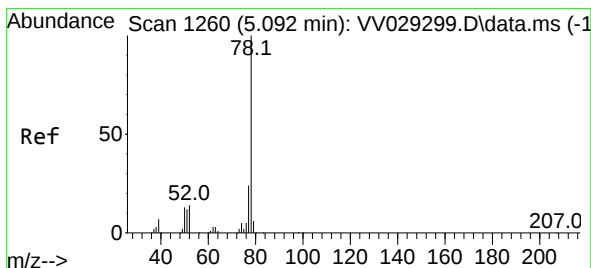
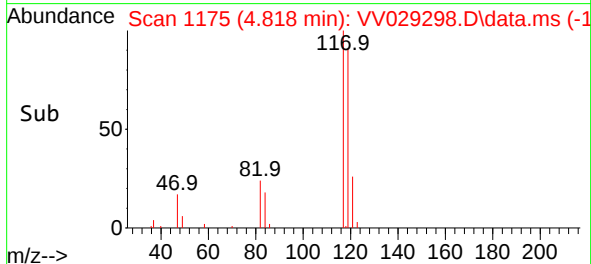
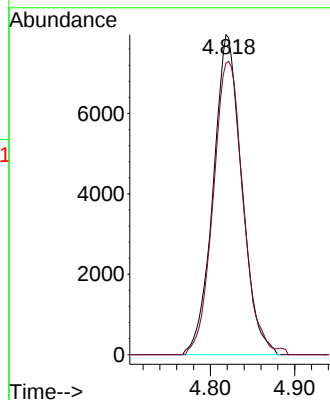
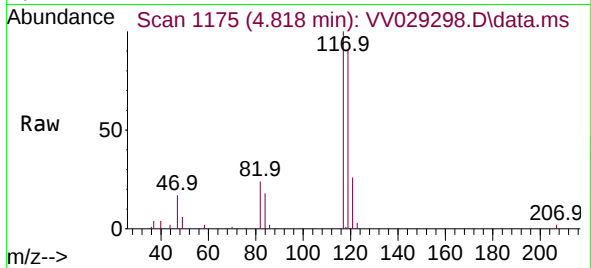




#31
Carbon tetrachloride
Concen: 0.815 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

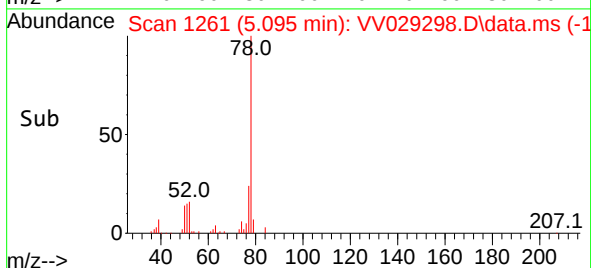
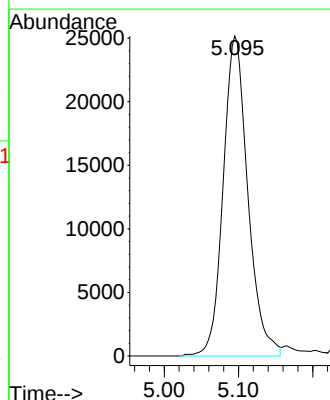
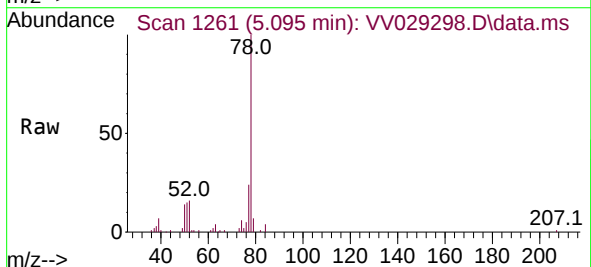
Instrument :
MSVOA_V
ClientSampleId :

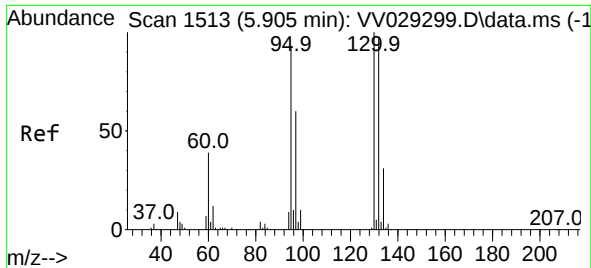
Tgt Ion:117 Resp: 18748
Ion Ratio Lower Upper
117 100
119 95.2 75.7 113.5



#33
Benzene
Concen: 0.822 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

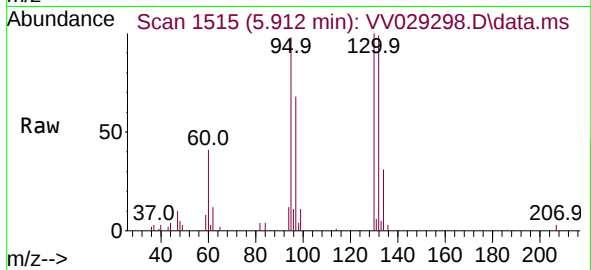
Tgt Ion: 78 Resp: 58135





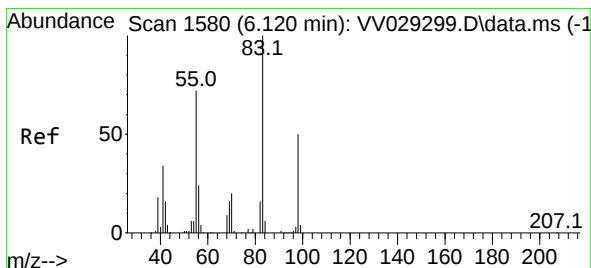
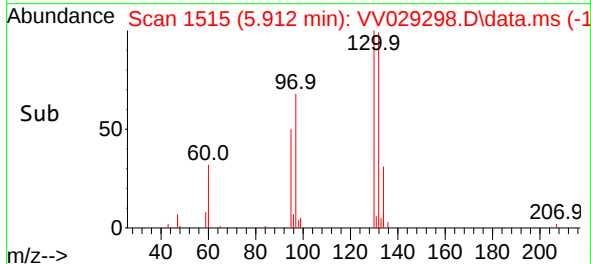
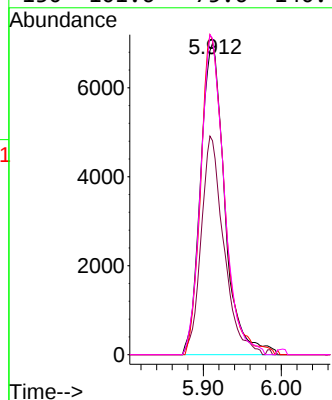
#34
 Trichloroethene
 Concen: 0.836 ug/L
 RT: 5.912 min Scan# 1515
 Delta R.T. 0.007 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 15082

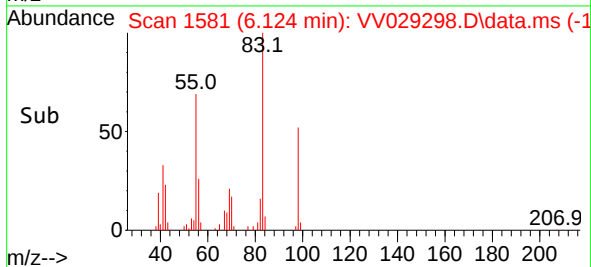
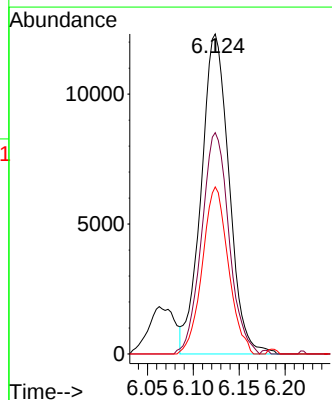
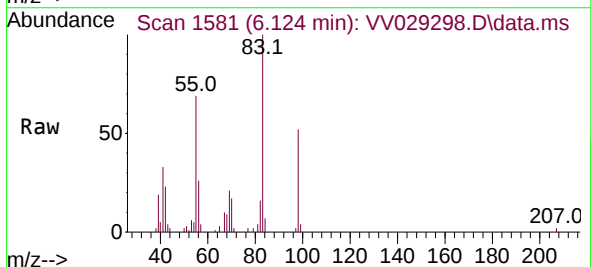
Ion	Ratio	Lower	Upper
95	100		
97	68.7	45.4	84.4
132	101.0	73.3	136.1
130	101.6	75.6	140.4

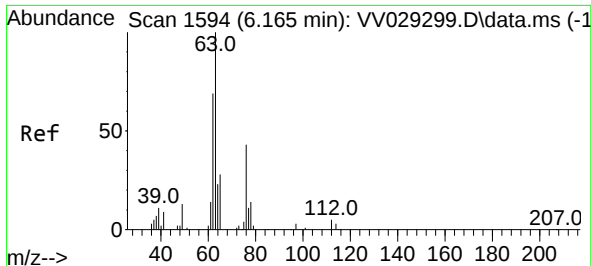


#35
 Methylcyclohexane
 Concen: 0.855 ug/L
 RT: 6.124 min Scan# 1581
 Delta R.T. 0.003 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Tgt Ion: 83 Resp: 26042

Ion	Ratio	Lower	Upper
83	100		
55	68.0	55.4	83.2
98	48.6	39.4	59.2





#37

1,2-Dichloropropane

Concen: 0.846 ug/L

RT: 6.169 min Scan# 1594

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

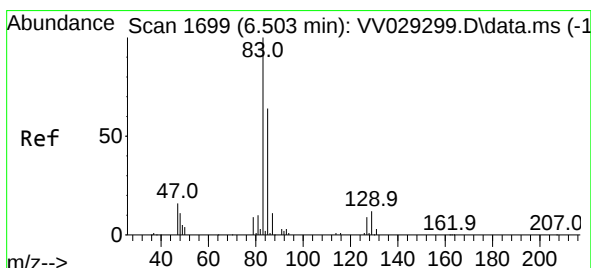
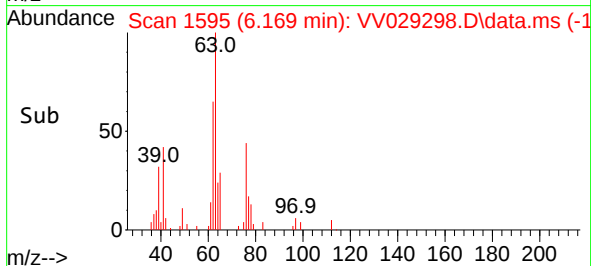
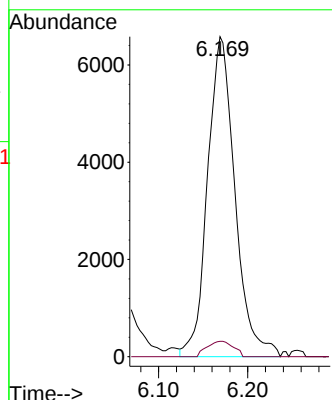
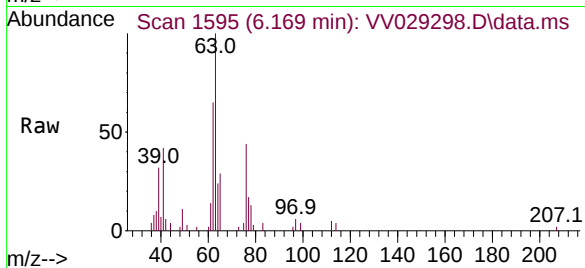
ClientSampleId :

Tgt Ion: 63 Resp: 14087

Ion Ratio Lower Upper

63 100

112 4.6 4.1 6.1



#38

Bromodichloromethane

Concen: 0.805 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

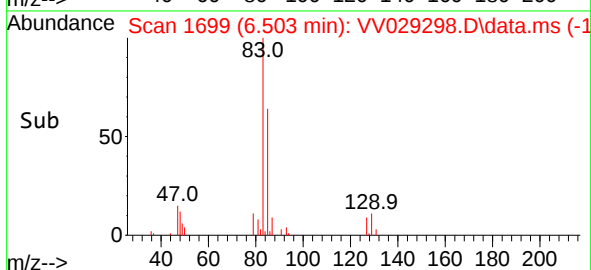
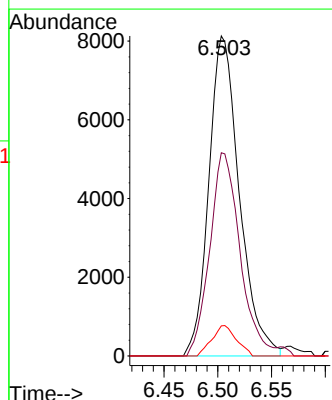
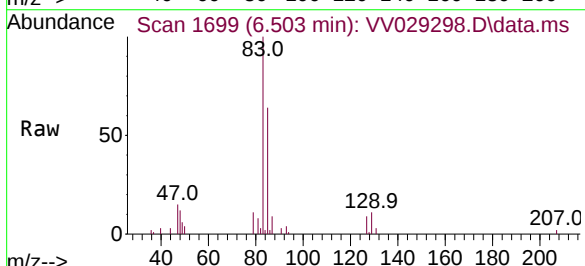
Tgt Ion: 83 Resp: 16053

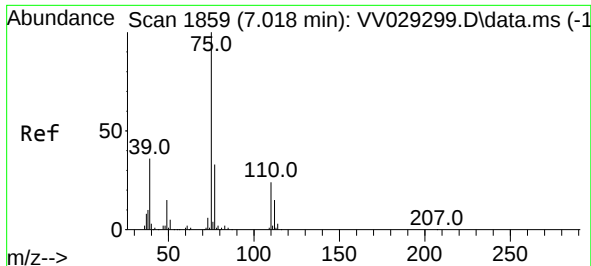
Ion Ratio Lower Upper

83 100

85 63.5 44.7 83.1

127 9.4 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.007 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

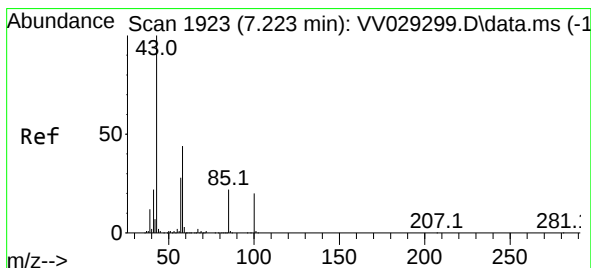
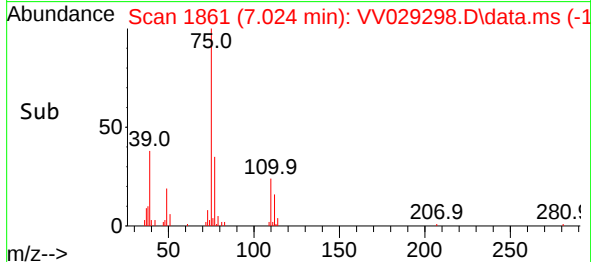
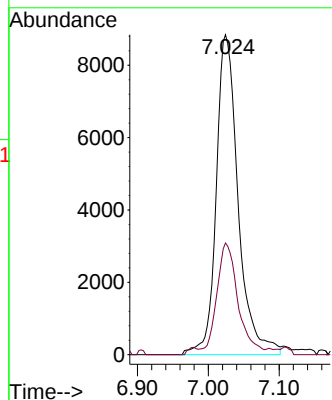
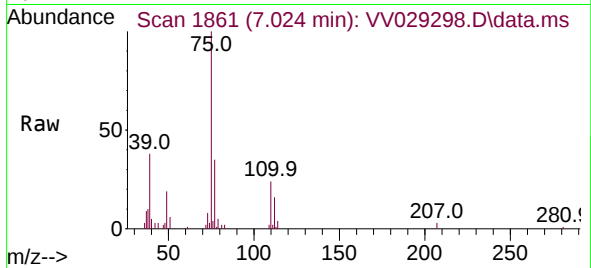
ClientSampleId :

Tgt Ion: 75 Resp: 19042

Ion Ratio Lower Upper

75 100

77 34.9 22.7 42.3



#40

4-Methyl-2-pentanone

Concen: 8.054 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

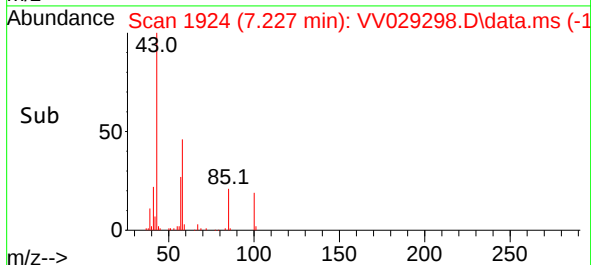
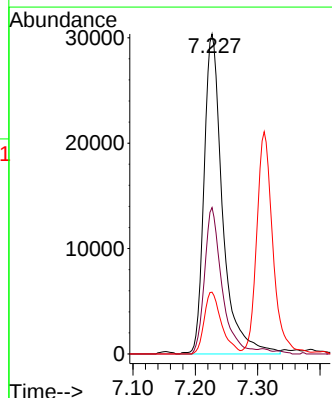
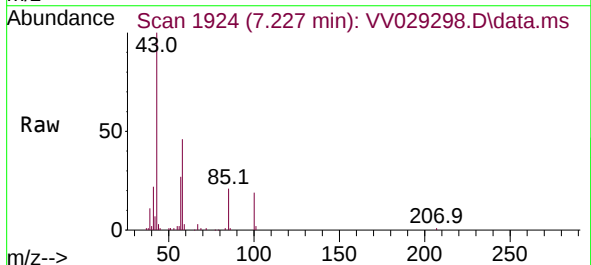
Tgt Ion: 43 Resp: 62789

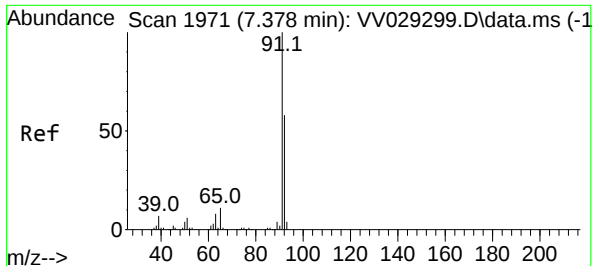
Ion Ratio Lower Upper

43 100

58 43.2 35.3 52.9

100 18.1 15.3 22.9





#42

Toluene

Concen: 0.830 ug/L

RT: 7.381 min Scan# 1971

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

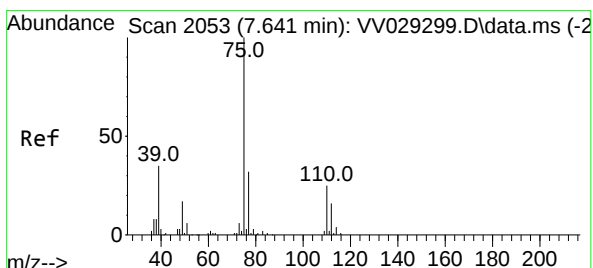
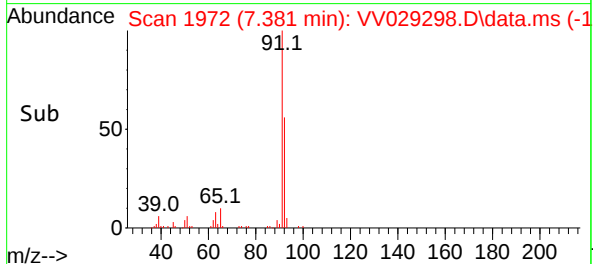
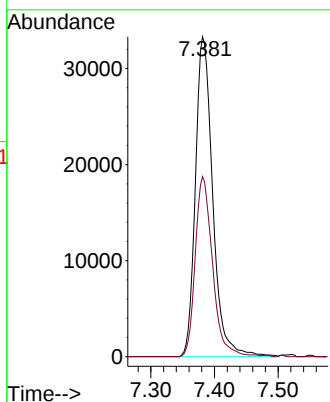
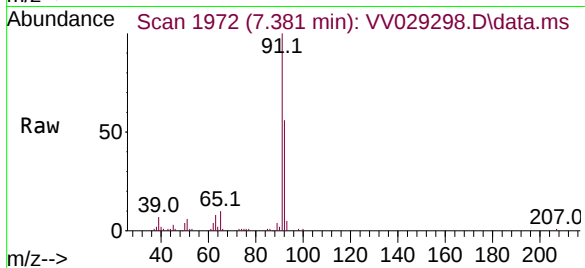
ClientSampleId :

Tgt Ion: 91 Resp: 63001

Ion Ratio Lower Upper

91 100

92 56.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.752 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.007 min

Lab File: VV029298.D

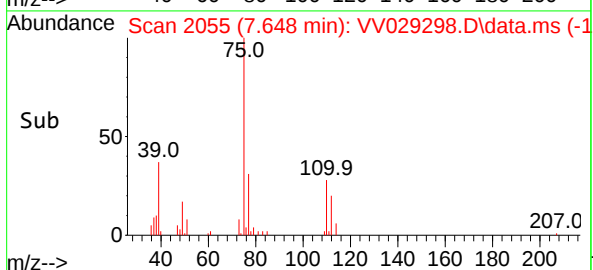
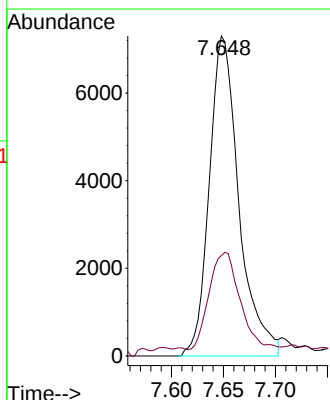
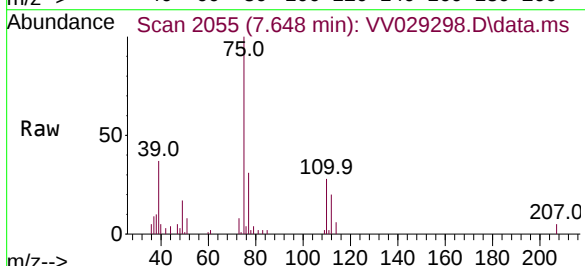
Acq: 23 Nov 2022 16:34

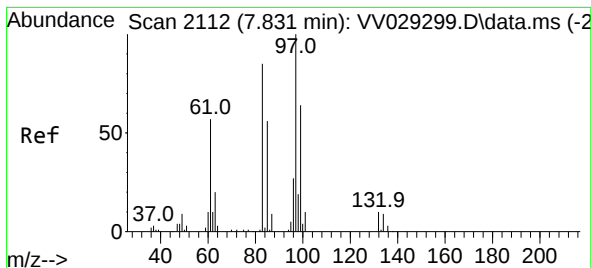
Tgt Ion: 75 Resp: 14498

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 0.784 ug/L

RT: 7.834 min Scan# 2112

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 8839

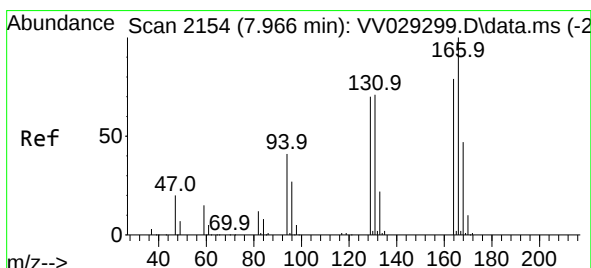
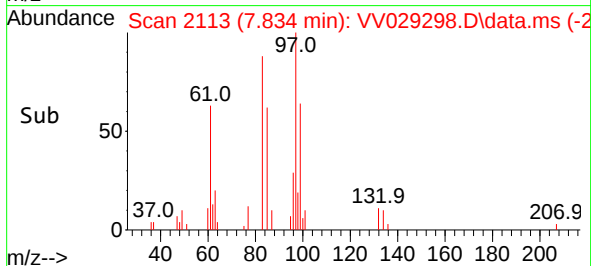
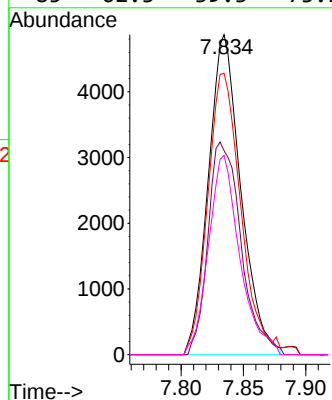
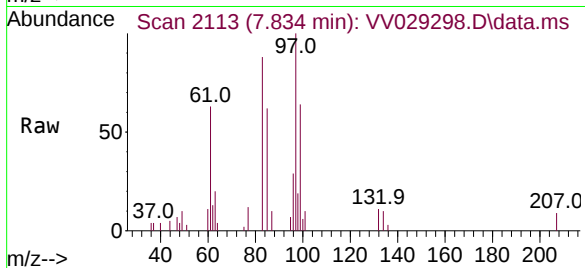
Ion Ratio Lower Upper

97 100

99 63.8 44.4 82.5

83 88.0 59.5 110.5

85 62.3 39.3 73.1



#47

Tetrachloroethene

Concen: 0.832 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Tgt Ion:164 Resp: 12306

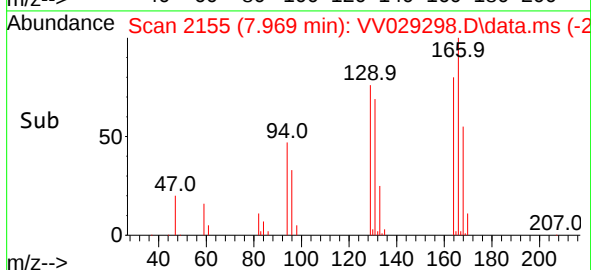
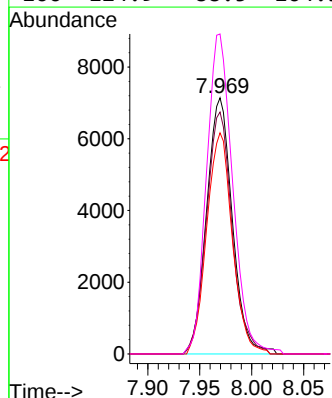
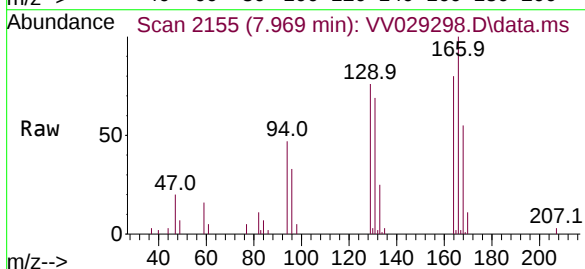
Ion Ratio Lower Upper

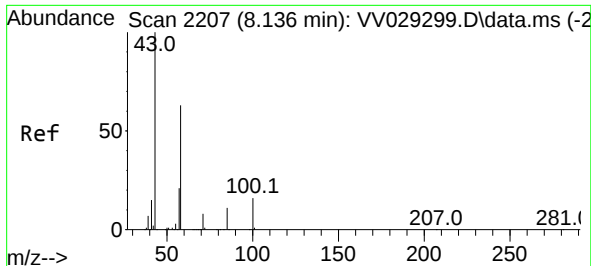
164 100

129 94.4 61.7 114.7

131 86.3 62.9 116.9

166 124.9 88.5 164.3

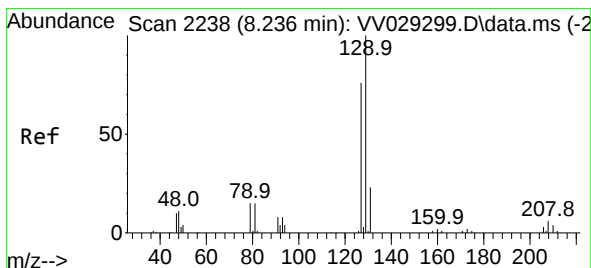
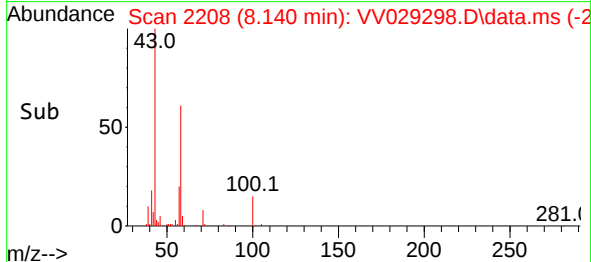
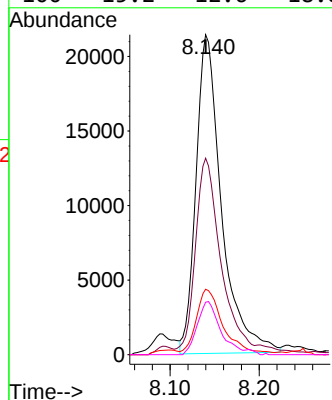
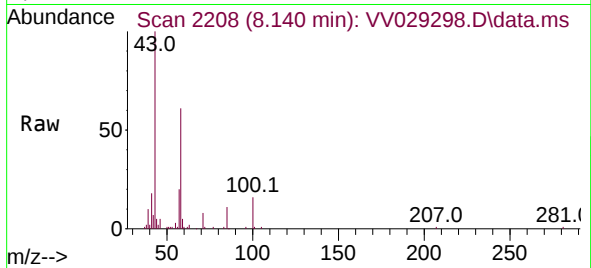




#48
2-Hexanone
Concen: 7.809 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

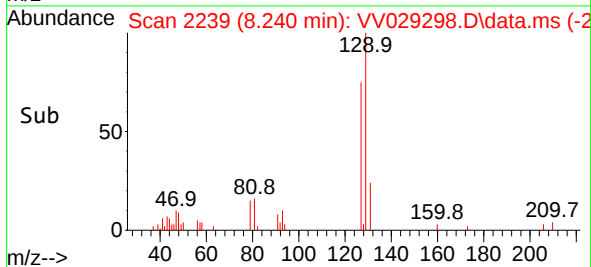
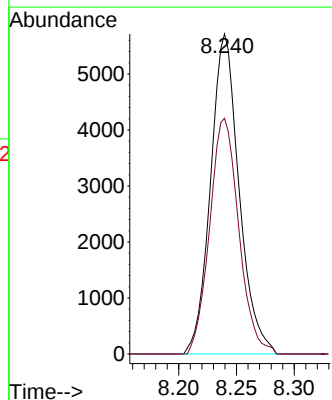
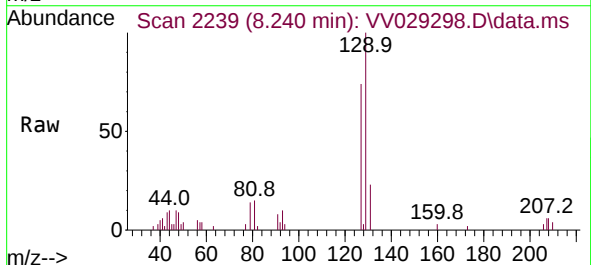
Instrument :
MSVOA_V
ClientSampleId :

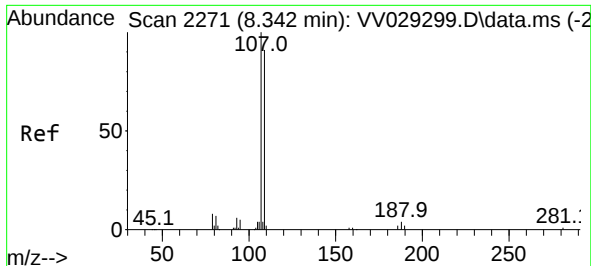
Tgt Ion: 43 Resp: 42700
Ion Ratio Lower Upper
43 100
58 62.6 49.4 74.0
57 21.8 16.9 25.3
100 15.2 12.6 18.8



#49
Dibromochloromethane
Concen: 0.773 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 129 Resp: 9813
Ion Ratio Lower Upper
129 100
127 73.7 53.1 98.7





#50

1,2-Dibromoethane

Concen: 0.813 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

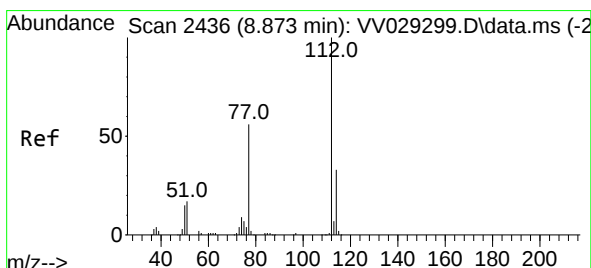
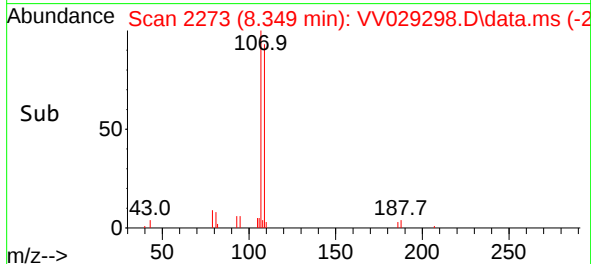
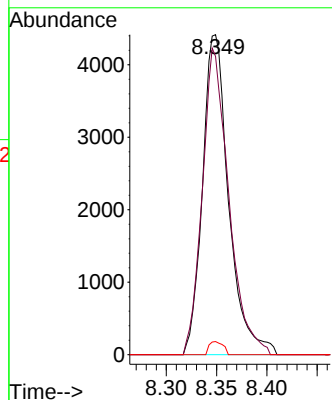
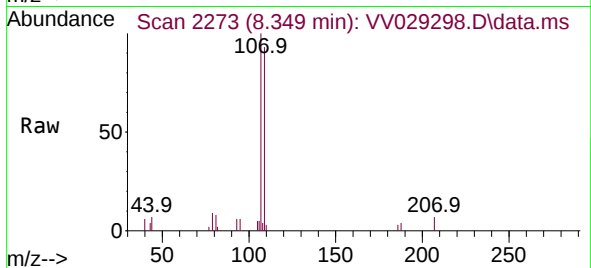
Tgt Ion:107 Resp: 8003

Ion Ratio Lower Upper

107 100

109 93.2 64.0 118.8

188 4.1 3.0 4.4



#51

Chlorobenzene

Concen: 0.858 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

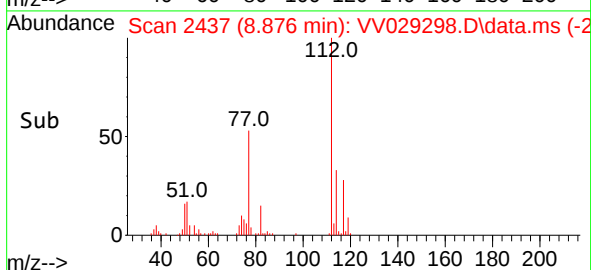
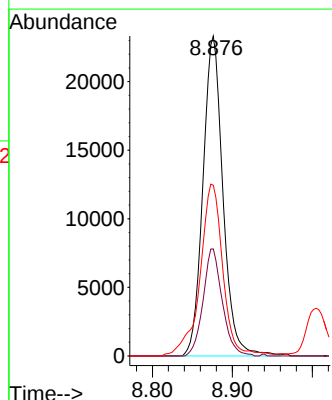
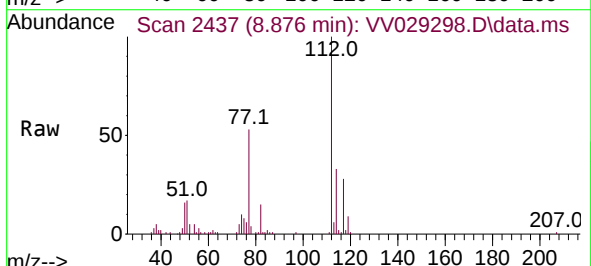
Tgt Ion:112 Resp: 40718

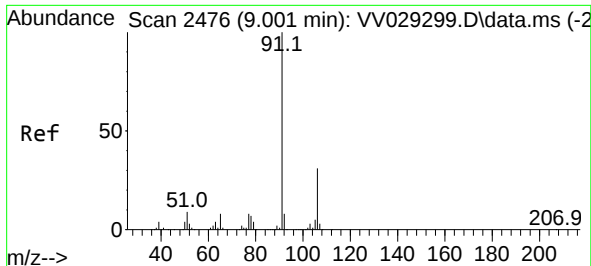
Ion Ratio Lower Upper

112 100

114 33.5 22.9 42.5

77 53.4 45.3 67.9

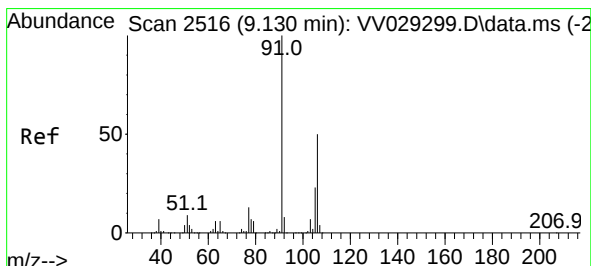
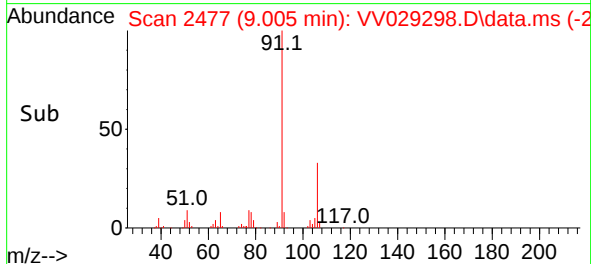
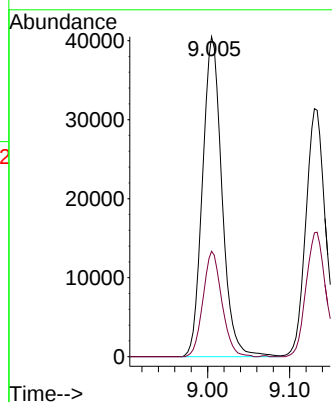
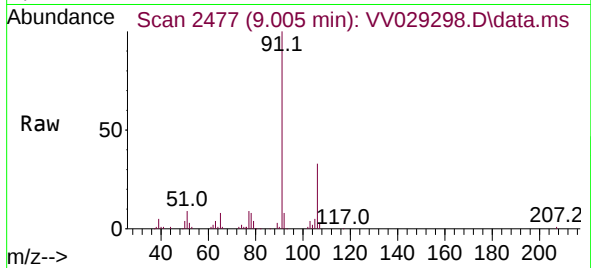




#52
Ethylbenzene
Concen: 0.842 ug/L
RT: 9.005 min Scan# 2476
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

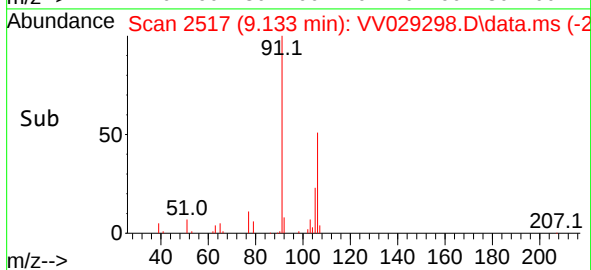
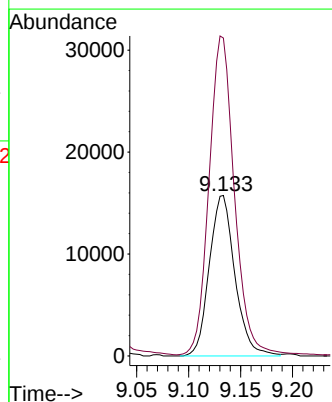
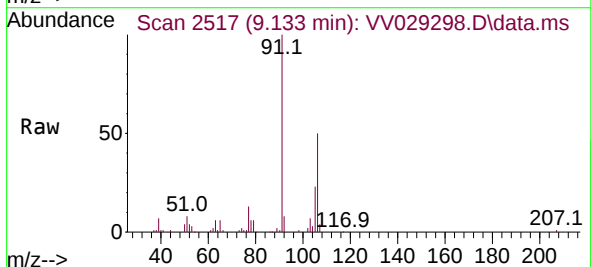
Instrument :
MSVOA_V
ClientSampleId :

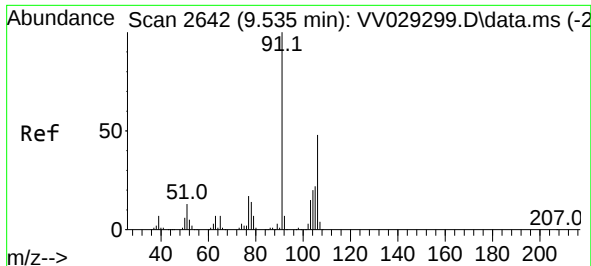
Tgt Ion: 91 Resp: 66658
Ion Ratio Lower Upper
91 100
106 33.0 21.9 40.7



#53
m,p-Xylene
Concen: 0.864 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 106 Resp: 26980
Ion Ratio Lower Upper
106 100
91 198.1 140.6 261.2

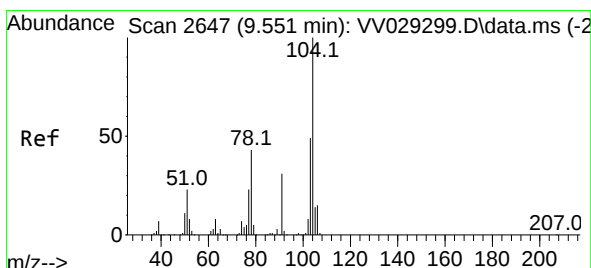
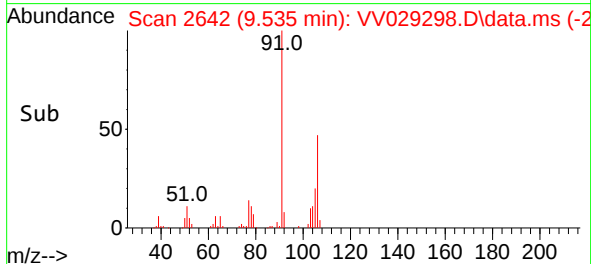
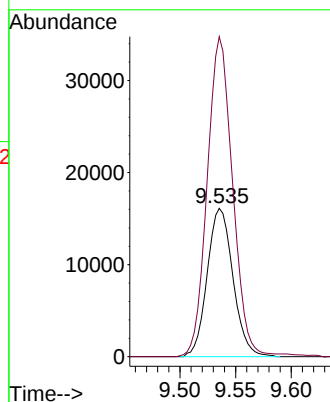
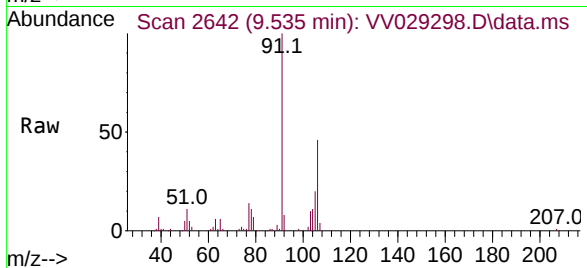




#54
o-Xylene
Concen: 0.845 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

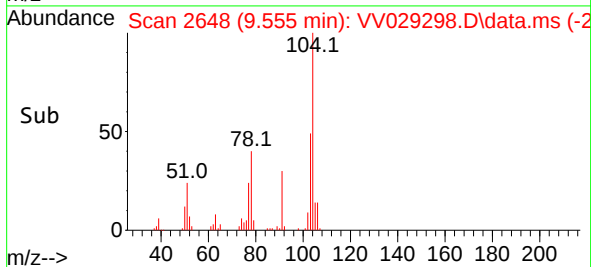
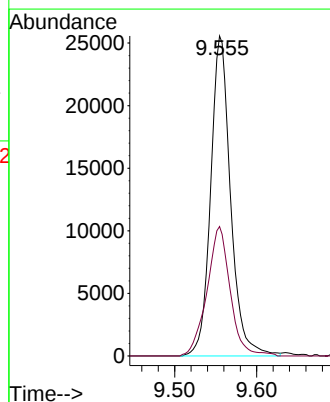
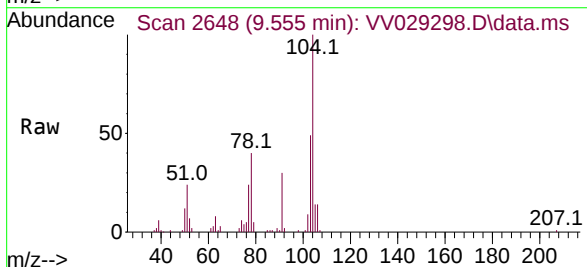
Instrument :
MSVOA_V
ClientSampleId :

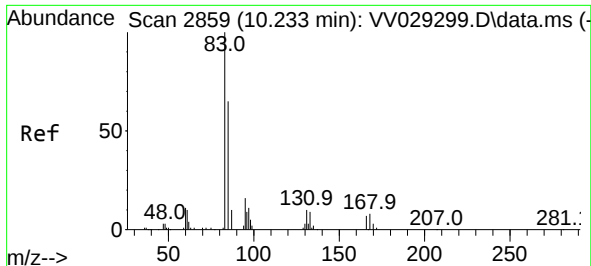
Tgt Ion:106 Resp: 25921
Ion Ratio Lower Upper
106 100
91 215.7 146.9 272.9



#55
Styrene
Concen: 0.836 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion:104 Resp: 43269
Ion Ratio Lower Upper
104 100
78 40.5 29.9 55.5





#57

1,1,2,2-Tetrachloroethane

Concen: 0.851 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

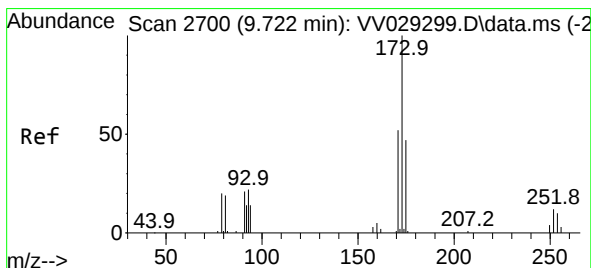
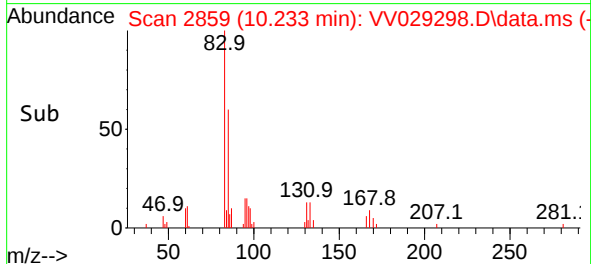
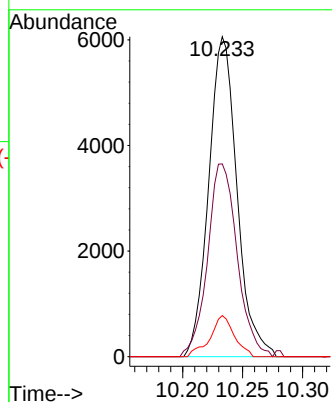
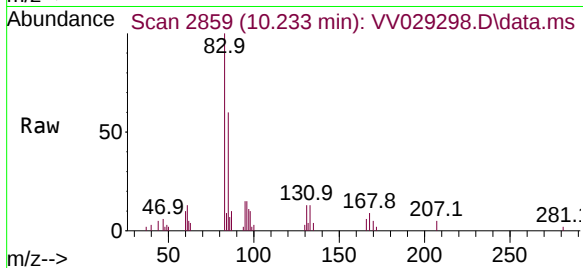
Tgt Ion: 83 Resp: 9931

Ion Ratio Lower Upper

83 100

85 60.2 45.5 84.5

131 12.9 8.2 12.2#



#59

Bromoform

Concen: 0.847 ug/L

RT: 9.722 min Scan# 2700

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

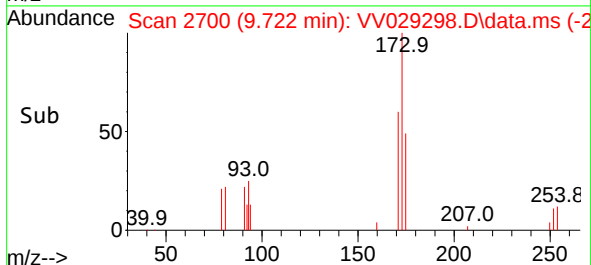
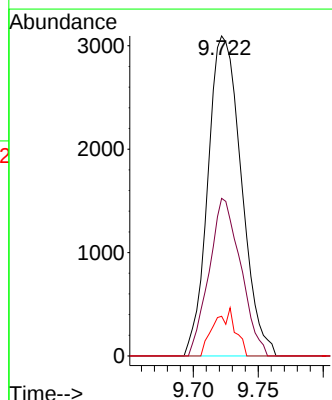
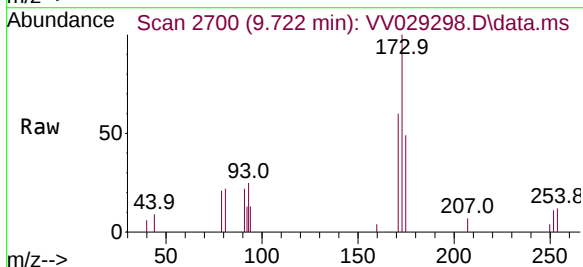
Tgt Ion: 173 Resp: 5530

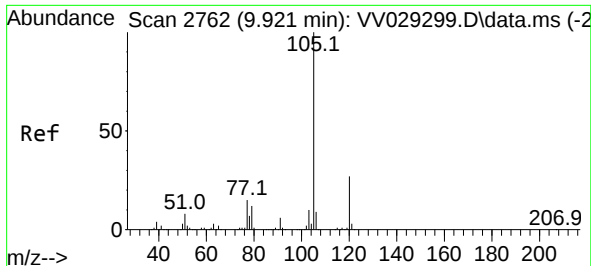
Ion Ratio Lower Upper

173 100

175 46.6 38.6 58.0

254 9.7 8.3 12.5

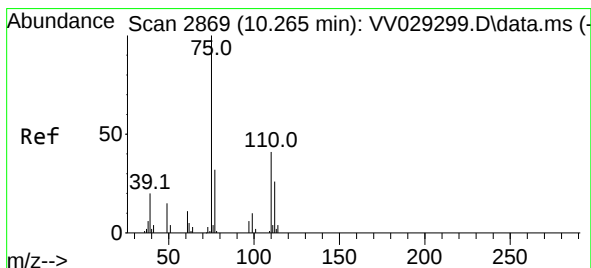
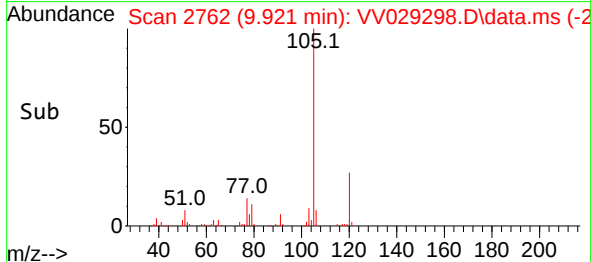
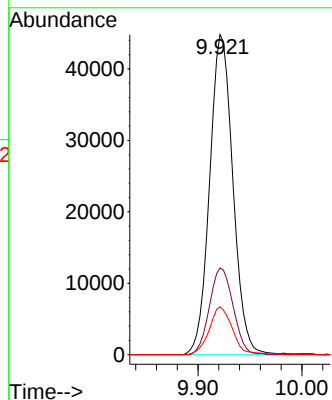
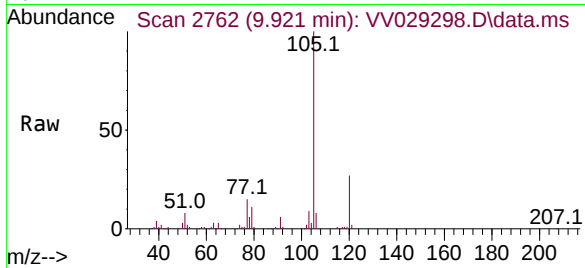




#60
Isopropylbenzene
Concen: 0.867 ug/L
RT: 9.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

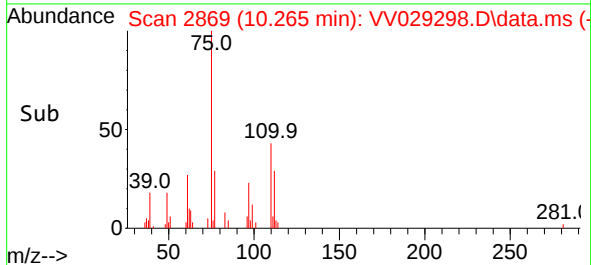
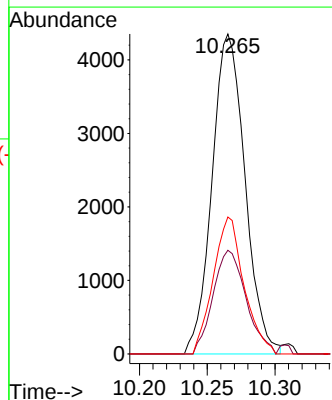
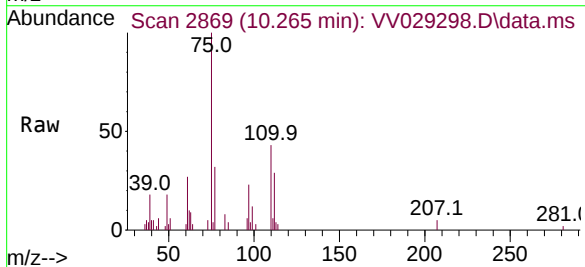
Instrument :
MSVOA_V
ClientSampleId :

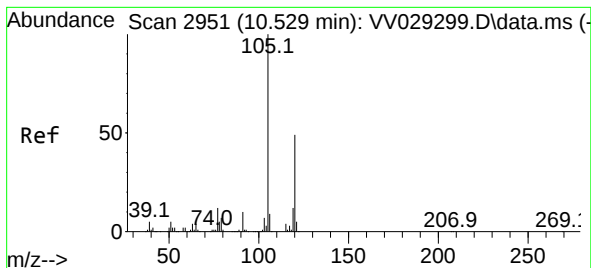
Tgt Ion:105 Resp: 69643
Ion Ratio Lower Upper
105 100
120 27.5 21.4 32.2
77 15.0 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 0.854 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion: 75 Resp: 7362
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
110 40.0 32.2 48.4

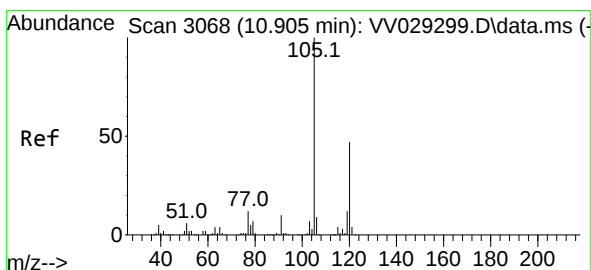
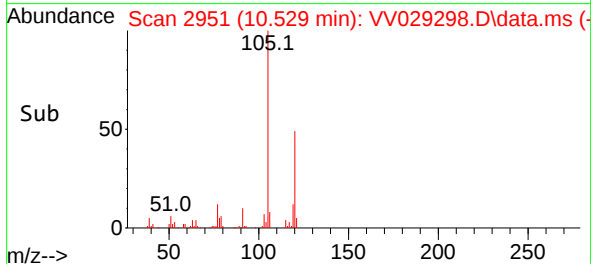
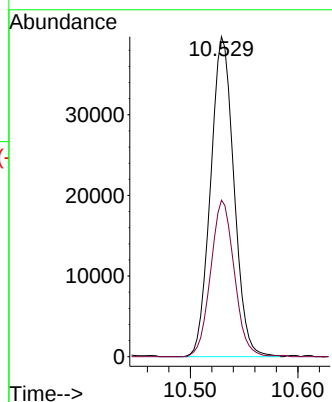
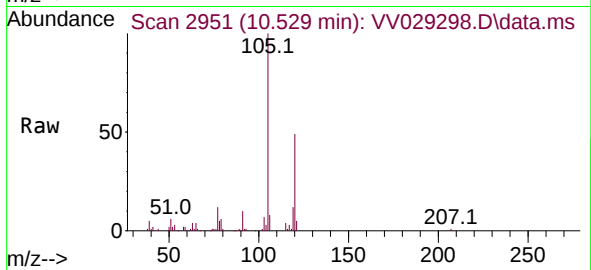




#62
 1,3,5-Trimethylbenzene
 Concen: 0.861 ug/L
 RT: 10.529 min Scan# 2951
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

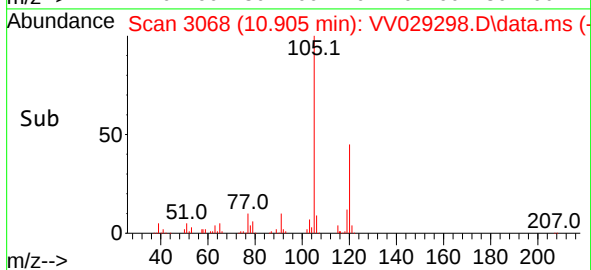
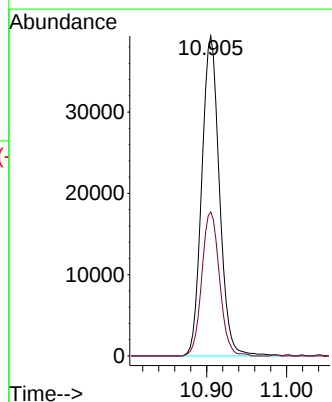
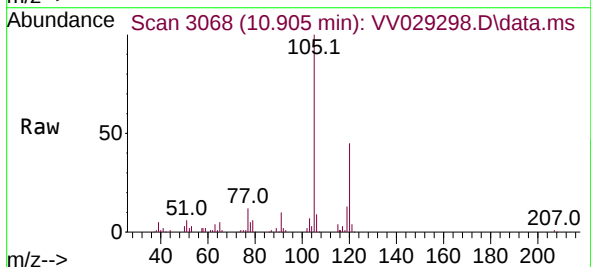
Instrument :
 MSVOA_V
 ClientSampleId :

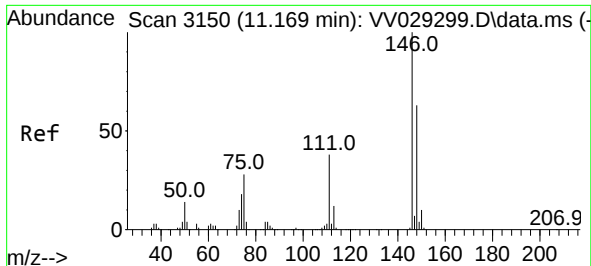
Tgt Ion:105 Resp: 59855
 Ion Ratio Lower Upper
 105 100
 120 49.4 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.865 ug/L
 RT: 10.905 min Scan# 3068
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

Tgt Ion:105 Resp: 60517
 Ion Ratio Lower Upper
 105 100
 120 45.2 37.2 55.8

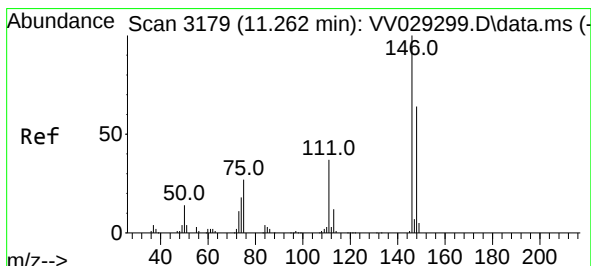
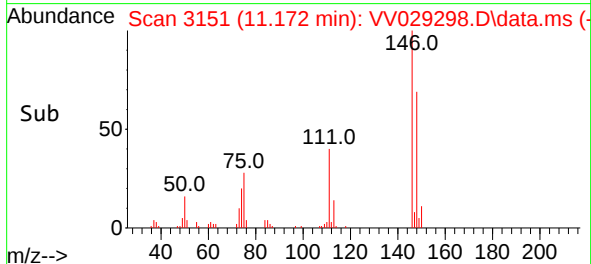
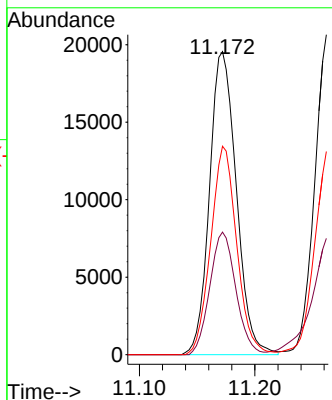
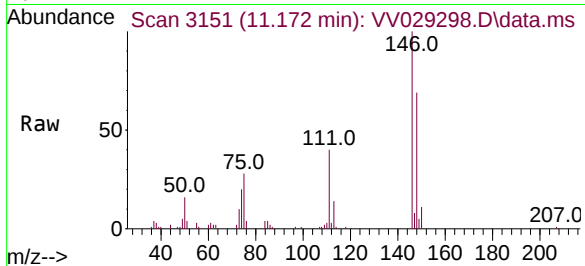




#64
1,3-Dichlorobenzene
Concen: 0.842 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

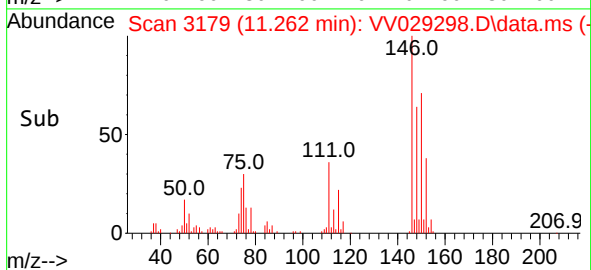
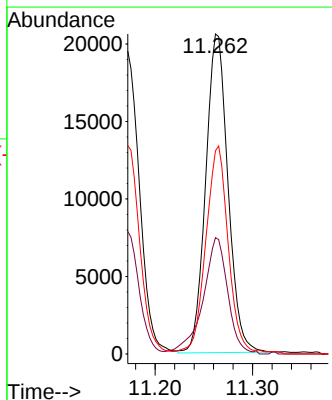
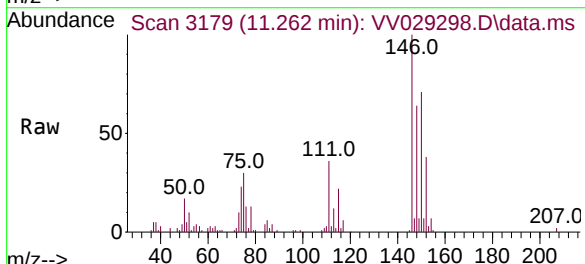
Instrument :
MSVOA_V
ClientSampleId :

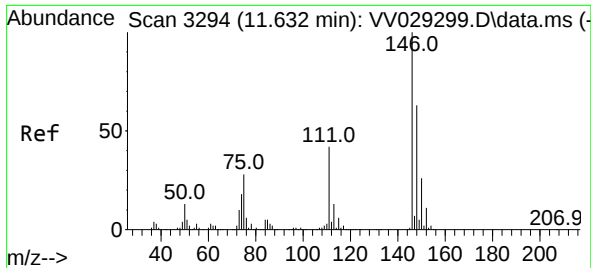
Tgt Ion:146 Resp: 31536
Ion Ratio Lower Upper
146 100
111 40.5 26.3 48.9
148 68.8 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 0.881 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

Tgt Ion:146 Resp: 32656
Ion Ratio Lower Upper
146 100
111 36.3 26.0 48.4
148 63.5 44.7 82.9

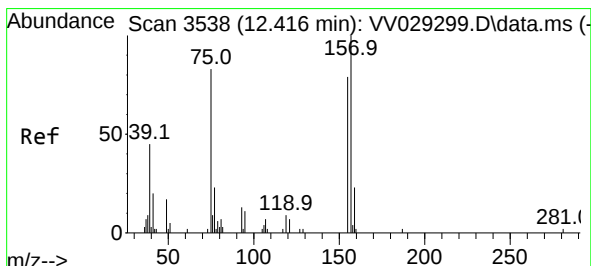
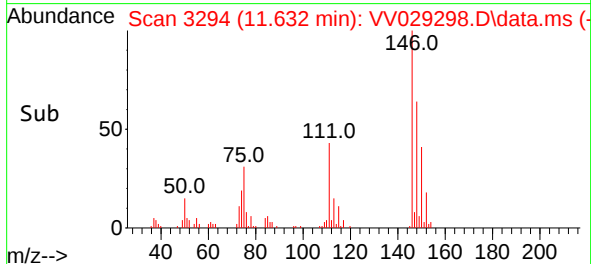
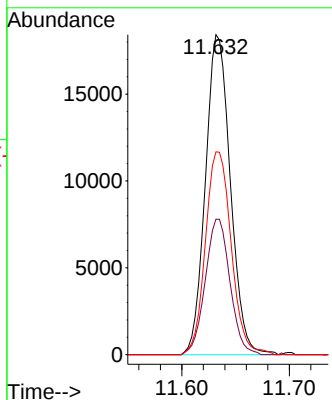
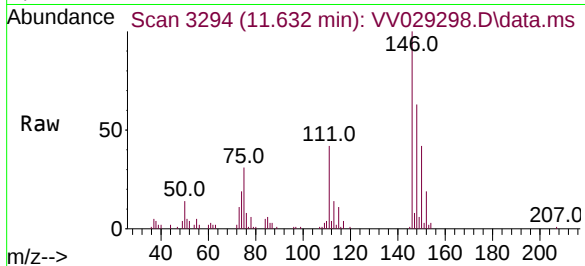




#67
1,2-Dichlorobenzene
Concen: 0.861 ug/L
RT: 11.632 min Scan# 3294
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

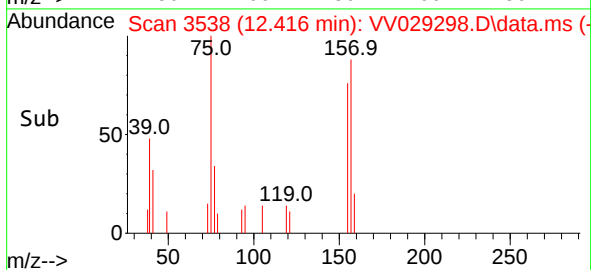
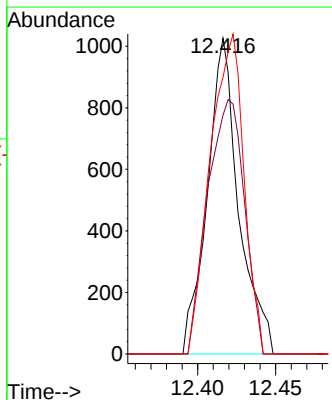
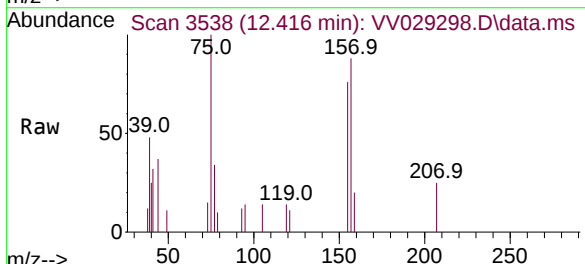
Instrument :
MSVOA_V
ClientSampleId :

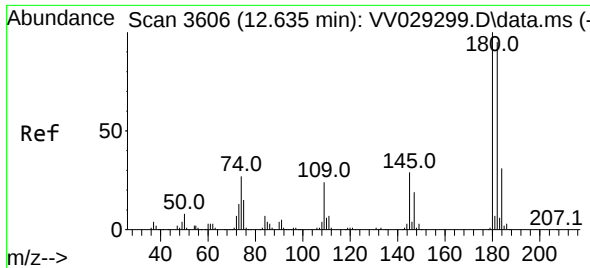
Tgt Ion:146	Resp:	29711
Ion Ratio	Lower	Upper
146	100	
111	42.3	33.5 50.3
148	63.4	50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.850 ug/L
RT: 12.416 min Scan# 3538
Delta R.T. 0.000 min
Lab File: VV029298.D
Acq: 23 Nov 2022 16:34

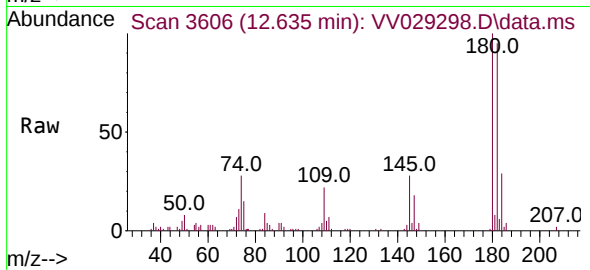
Tgt Ion: 75	Resp:	1438
Ion Ratio	Lower	Upper
75	100	
155	75.6	76.6 115.0#
157	87.6	96.9 145.3#



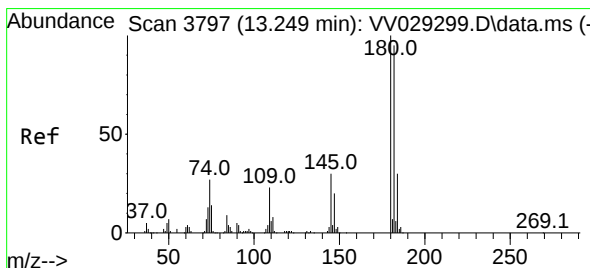
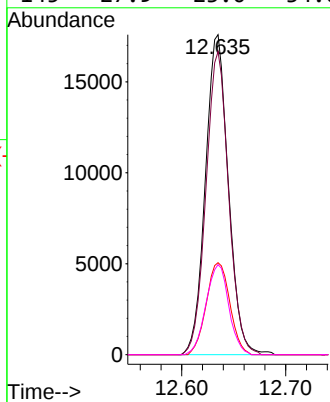
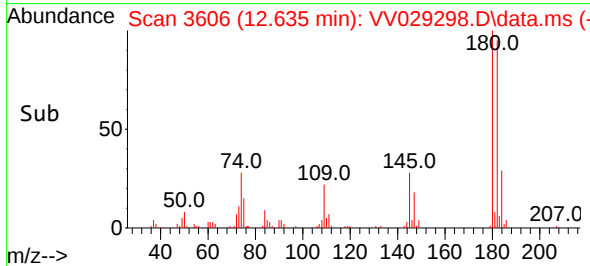


#69
 1,3,5-Trichlorobenzene
 Concen: 0.875 ug/L
 RT: 12.635 min Scan# 3606
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34

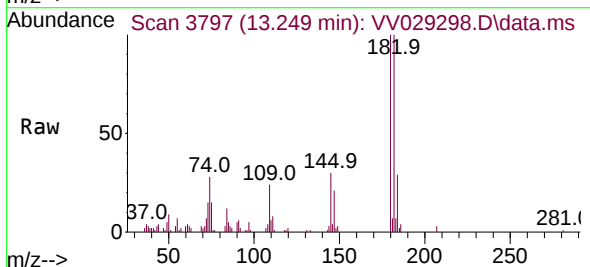
Instrument :
 MSVOA_V
 ClientSampleId :



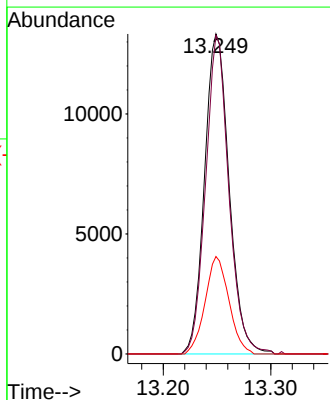
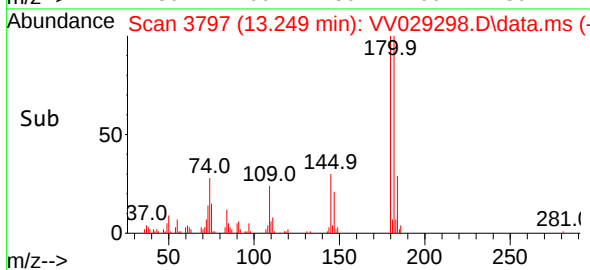
Tgt Ion:180 Resp: 27018
 Ion Ratio Lower Upper
 180 100
 182 93.2 77.0 115.6
 184 29.5 24.4 36.6
 145 27.9 23.0 34.6

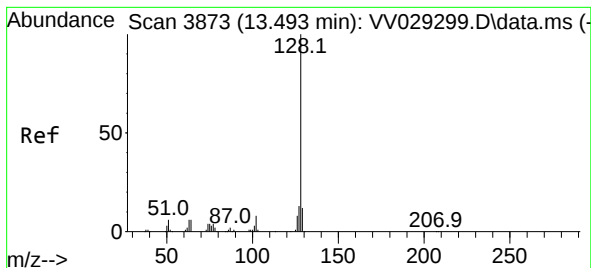


#70
 1,2,4-trichlorobenzene
 Concen: 0.846 ug/L
 RT: 13.249 min Scan# 3797
 Delta R.T. 0.000 min
 Lab File: VV029298.D
 Acq: 23 Nov 2022 16:34



Tgt Ion:180 Resp: 21161
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.2 114.4
 145 29.5 23.4 35.0





#71

Naphthalene

Concen: 0.900 ug/L

RT: 13.497 min Scan# 3873

Delta R.T. 0.003 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Instrument :

MSVOA_V

ClientSampleId :

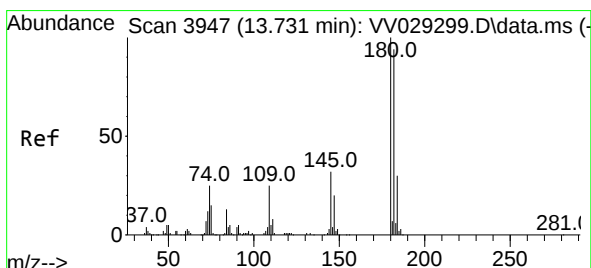
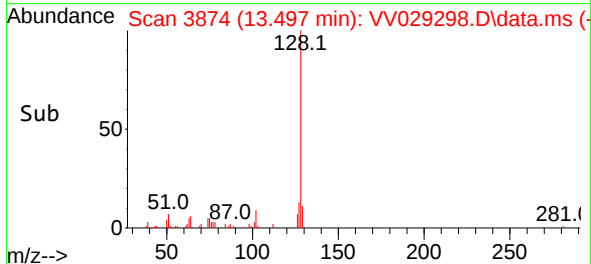
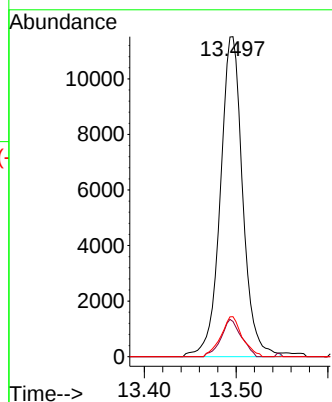
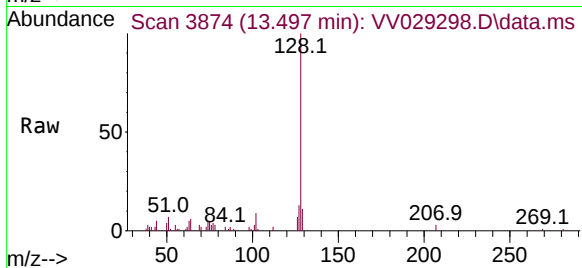
Tgt Ion:128 Resp: 19497

Ion Ratio Lower Upper

128 100

129 10.5 8.9 13.3

127 12.0 10.6 15.8



#72

1,2,3-Trichlorobenzene

Concen: 0.854 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029298.D

Acq: 23 Nov 2022 16:34

Tgt Ion:180 Resp: 17402

Ion Ratio Lower Upper

180 100

182 94.1 75.0 112.4

145 31.3 25.2 37.8

