

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023668.D
 Acq On : 23 Nov 2021 13:44
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 24 04:31:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:22:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	177997	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	174225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	97101	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	56251	3.850	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.565	69	42323	3.685	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.108	63	107019	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.902	46	59541	33.896	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.800%
24) Chloroform-d	4.343	84	100465	3.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	5.031	65	45419	3.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.047	84	193089	4.069	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
36) 1,2-Dichloropropane-d6	6.066	67	53468	4.019	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.400%
41) Toluene-d8	7.314	98	188985	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
43) trans-1,3-Dichloroprop...	7.619	79	22504	4.196	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.000%
46) 2-Hexanone-d5	8.088	63	77475	43.479	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38303	4.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	70459	4.104	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	84662	5.013	ug/L	99
3) Chloromethane	1.240	50	70671	4.814	ug/L	98
5) Vinyl chloride	1.307	62	76275	4.947	ug/L	99
6) Bromomethane	1.520	94	44333	5.071	ug/L	99
8) Chloroethane	1.584	64	45668	4.674	ug/L	93
9) Trichlorofluoromethane	1.751	101	123259	4.906	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	62836	4.991	ug/L	98
12) 1,1-Dichloroethene	2.118	96	60209	5.049	ug/L	95
13) Acetone	2.192	43	56887	35.990	ug/L	76
14) Carbon disulfide	2.291	76	200772	5.008	ug/L	100
15) Methyl Acetate	2.439	43	15866	4.422	ug/L	97
16) Methylene chloride	2.503	84	71367	4.194	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	128881	5.273	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	69074	5.085	ug/L	97
19) 1,1-Dichloroethane	3.185	63	115432	5.054	ug/L	99
21) 2-Butanone	3.982	43	78824	39.400	ug/L	91
22) cis-1,2-Dichloroethene	3.909	96	68189	5.235	ug/L	99
23) Bromochloromethane	4.246	128	31551	5.161	ug/L	94
25) Chloroform	4.368	83	123226	4.843	ug/L	99

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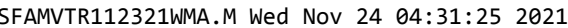
Instrument :
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 ClientSampleId :

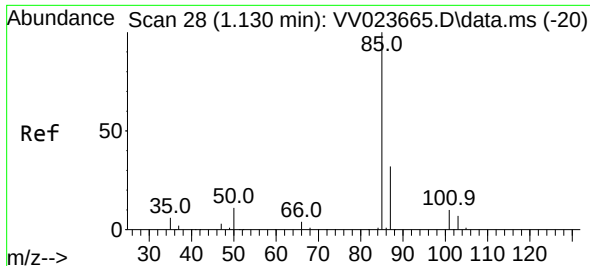
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:22:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66536	4.919	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	115617	5.078	ug/L	99
30) Cyclohexane	4.674	56	101833	5.360	ug/L	99
31) Carbon tetrachloride	4.825	117	107755	5.167	ug/L	98
33) Benzene	5.095	78	263803	5.311	ug/L	100
34) Trichloroethene	5.908	95	70790	5.320	ug/L	96
35) Methylcyclohexane	6.127	83	114008	5.496	ug/L	97
37) 1,2-Dichloropropane	6.169	63	60319	5.109	ug/L	100
38) Bromodichloromethane	6.506	83	82712	5.162	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	89835	5.347	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	303313	53.816	ug/L	99
42) Toluene	7.384	91	293462	5.448	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76533	5.420	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	43350	5.303	ug/L	97
47) Tetrachloroethene	7.973	164	63019	5.204	ug/L	97
48) 2-Hexanone	8.140	43	221210	53.103	ug/L	97
49) Dibromochloromethane	8.243	129	58008	5.178	ug/L	98
50) 1,2-Dibromoethane	8.349	107	40802	5.118	ug/L	99
51) Chlorobenzene	8.879	112	189144	5.296	ug/L	98
52) Ethylbenzene	9.011	91	310250	5.510	ug/L	99
53) m,p-xylene	9.137	106	122073	5.447	ug/L	97
54) o-xylene	9.542	106	117453	5.511	ug/L	99
55) Styrene	9.558	104	203349	5.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46098	5.068	ug/L	100
59) Bromoform	9.731	173	32473	5.064	ug/L	100
60) Isopropylbenzene	9.931	105	317323	5.473	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33782	4.906	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	268972	5.575	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	270310	5.666	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	159169	5.369	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	158169	5.309	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	141580	5.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7034	5.144	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	125463	5.421	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	97357	5.421	ug/L	97
71) Naphthalene	13.503	128	136908	5.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	88202	5.668	ug/L	99

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

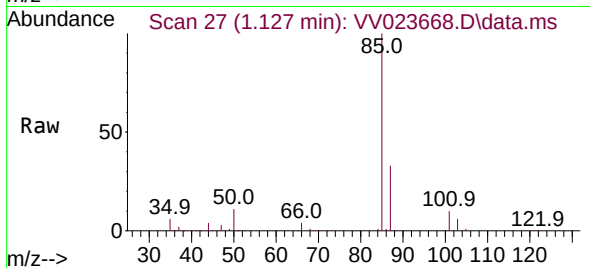
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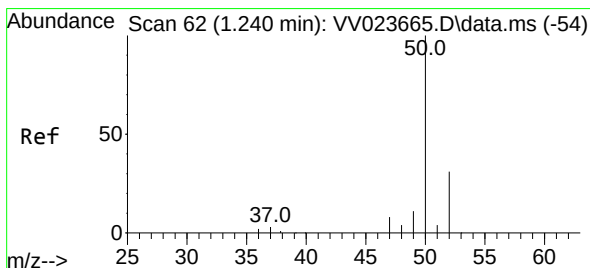
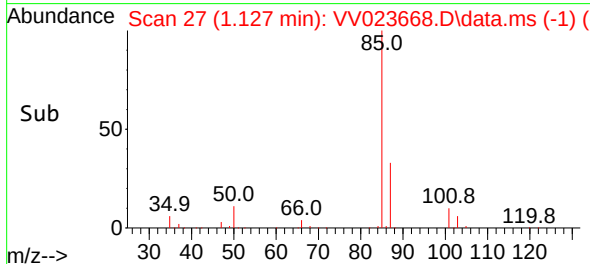
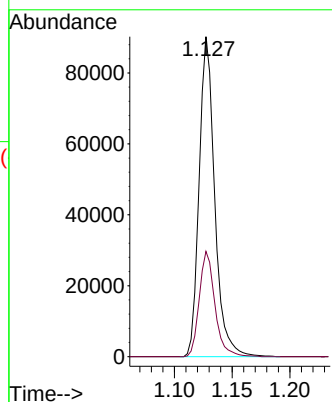


#2
 Dichlorodifluoromethane
 Concen: 5.013 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Instrument :
 MSVOA_V
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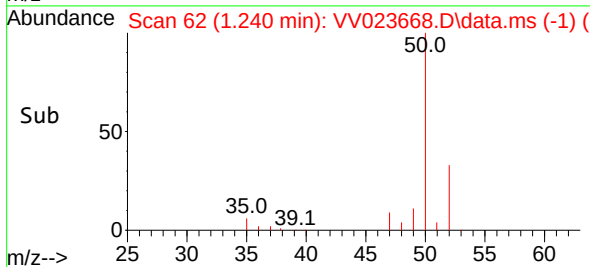
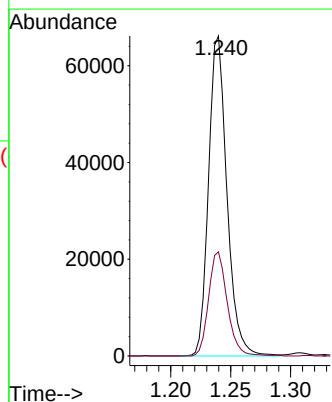
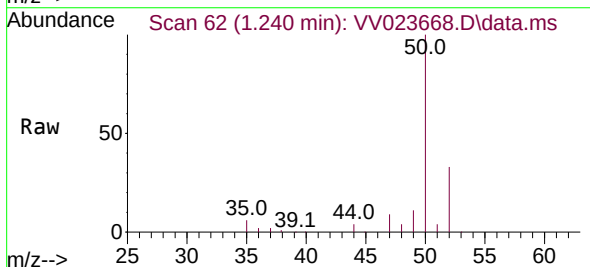


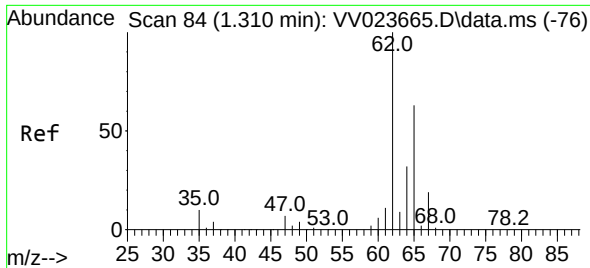
Tgt Ion: 85 Resp: 84662
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.814 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion: 50 Resp: 70671
 Ion Ratio Lower Upper
 50 100
 52 32.6 22.0 41.0

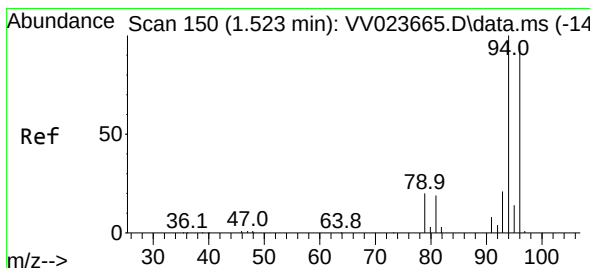
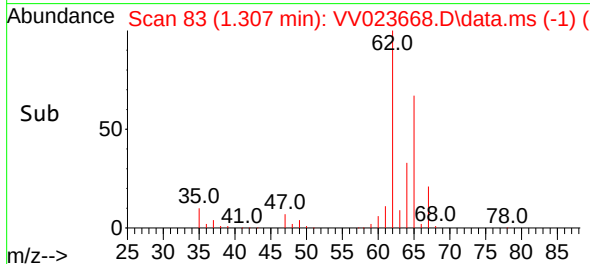
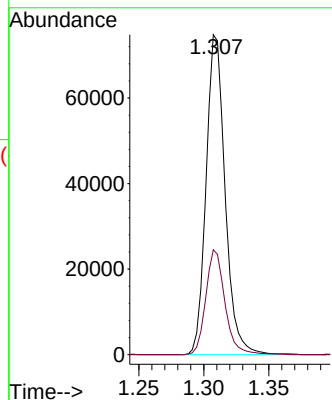
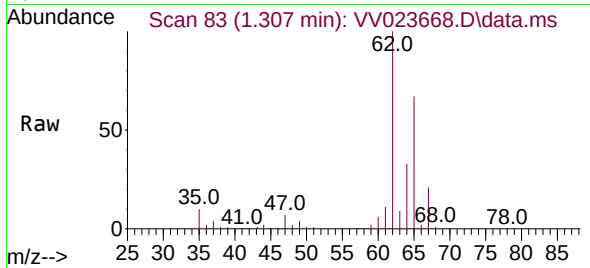




#5
 Vinyl chloride
 Concen: 4.947 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

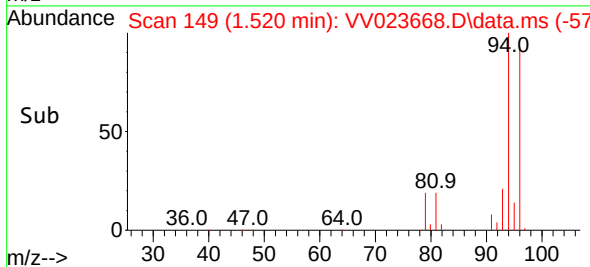
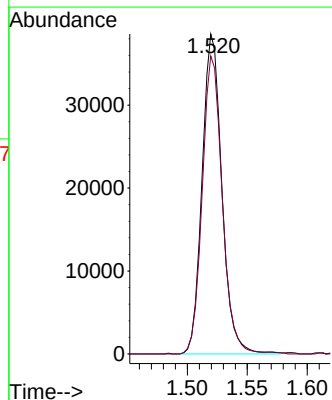
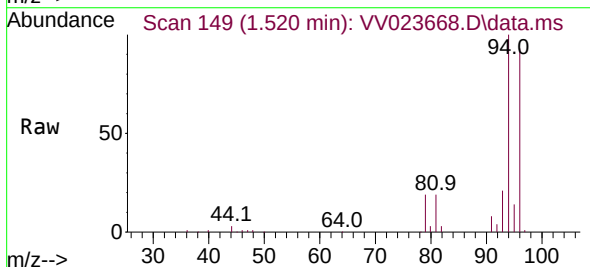
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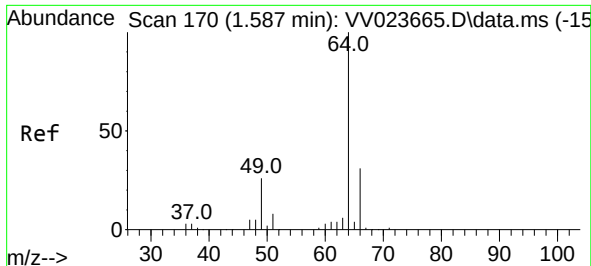
Tgt Ion: 62 Resp: 76275
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.4 41.6



#6
 Bromomethane
 Concen: 5.071 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion: 94 Resp: 44333
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.2 123.0

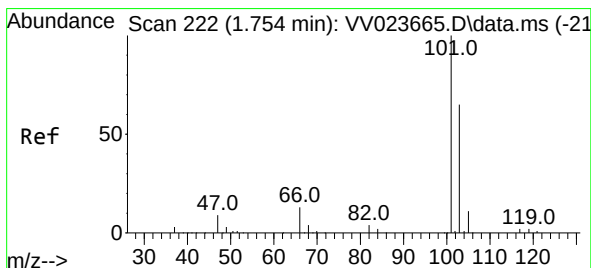
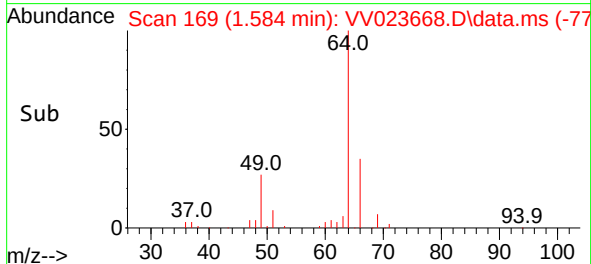
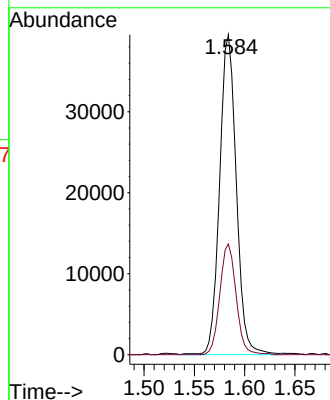
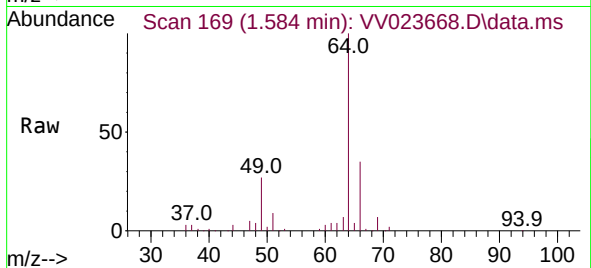




#8
Chloroethane
Concen: 4.674 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

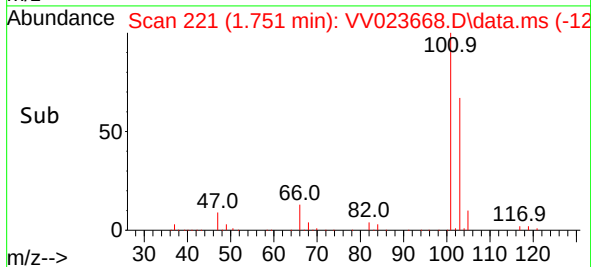
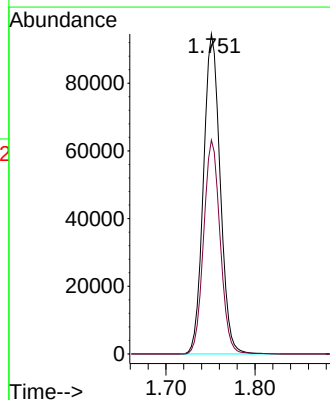
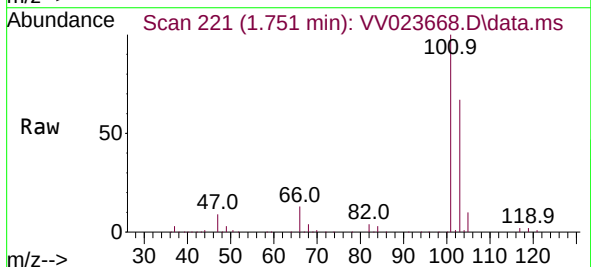
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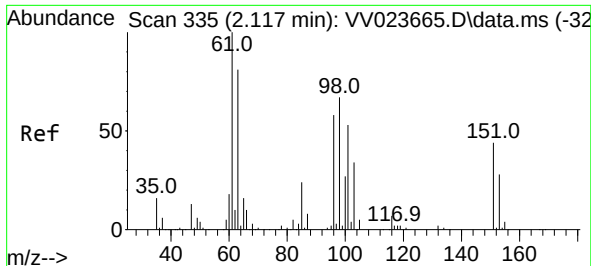
Tgt Ion: 64 Resp: 45668
Ion Ratio Lower Upper
64 100
66 34.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.906 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion:101 Resp: 123259
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

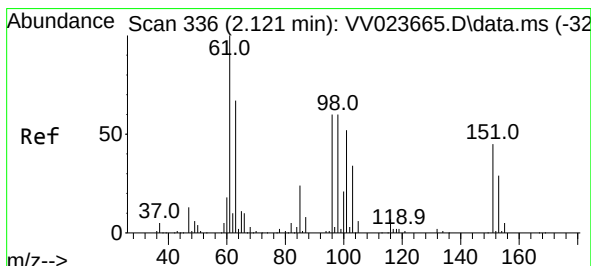
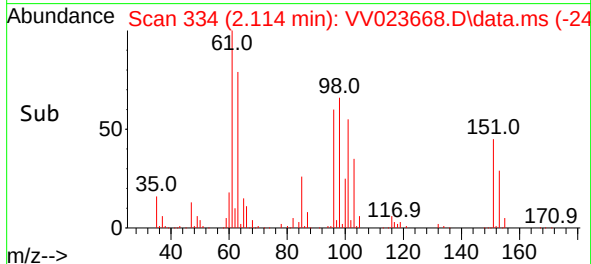
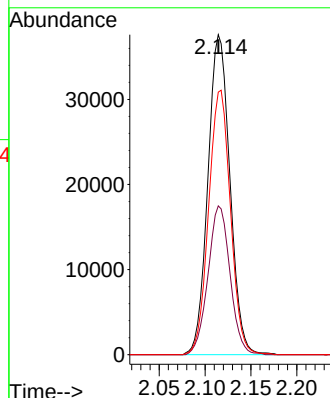
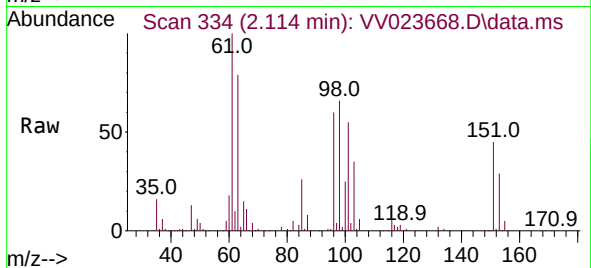




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.991 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

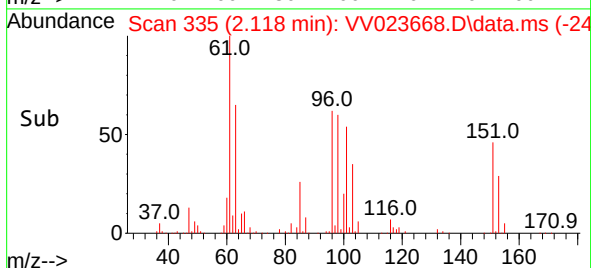
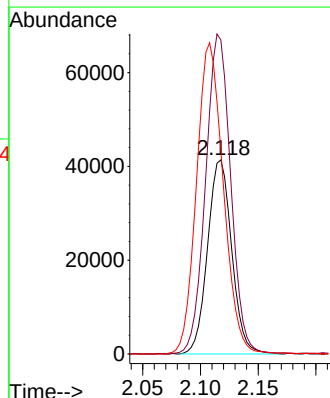
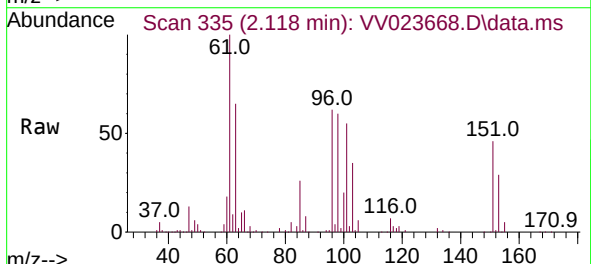
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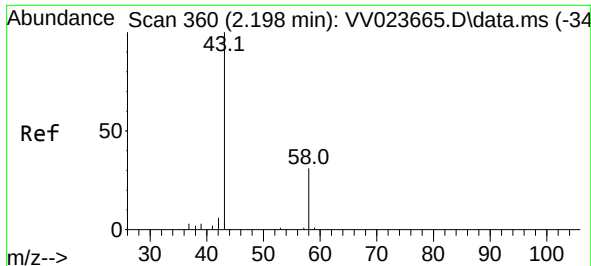
Tgt Ion:101 Resp: 62836
 Ion Ratio Lower Upper
 101 100
 85 46.5 36.0 54.0
 151 82.0 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.049 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion: 96 Resp: 60209
 Ion Ratio Lower Upper
 96 100
 61 161.8 116.1 215.5
 63 105.0 79.4 147.4





#13

Acetone

Concen: 35.990 ug/L

RT: 2.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

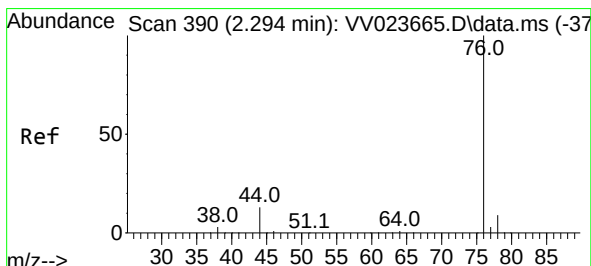
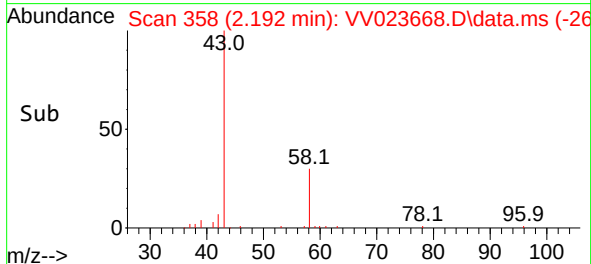
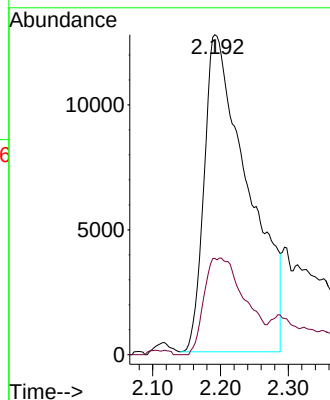
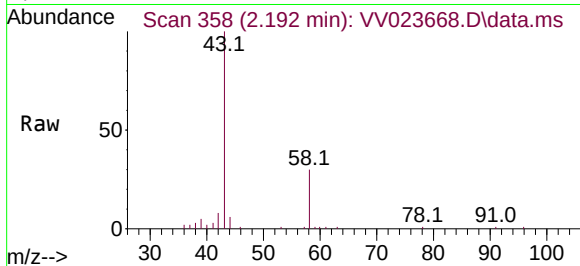
ClientSampleId :

Tgt Ion: 43 Resp: 56887

Ion Ratio Lower Upper

43 100

58 9.6 0.0 41.4



#14

Carbon disulfide

Concen: 5.008 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV023668.D

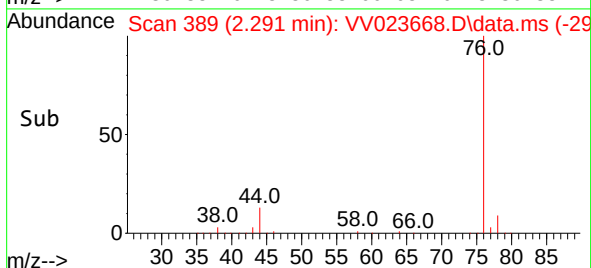
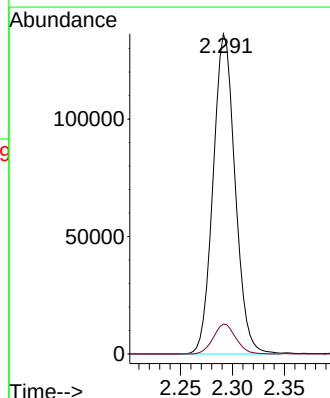
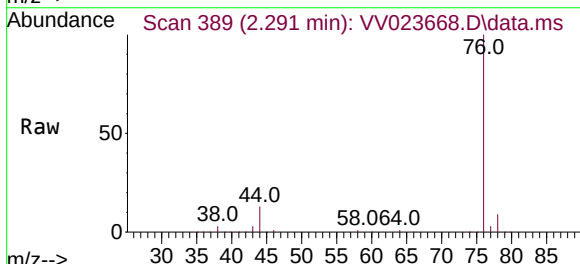
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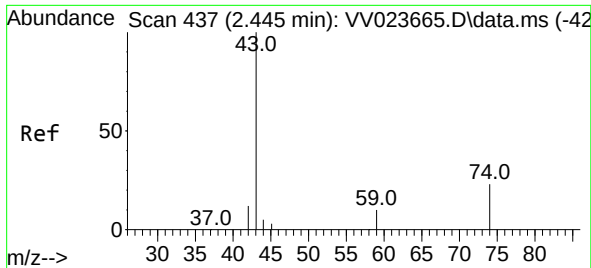
Tgt Ion: 76 Resp: 200772

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3

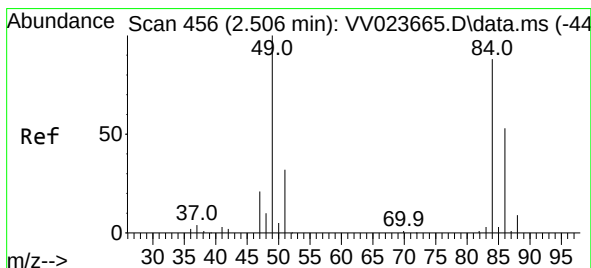
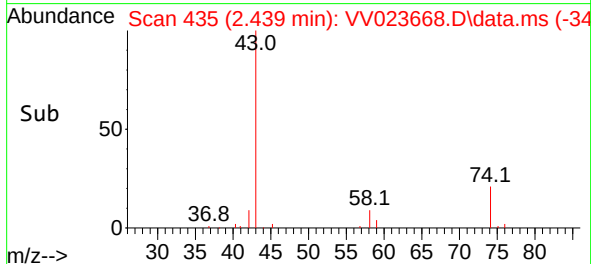
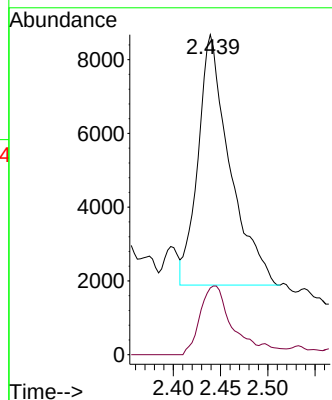
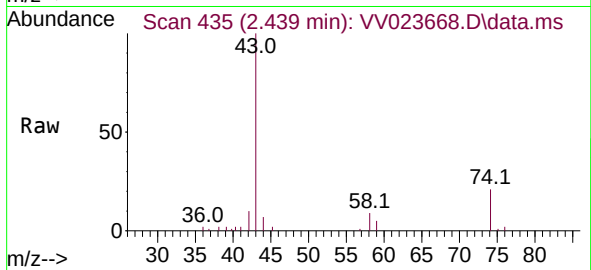




#15
Methyl Acetate
Concen: 4.422 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

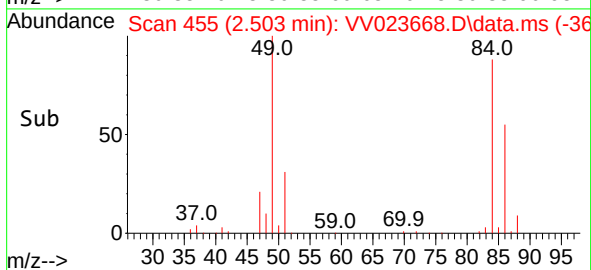
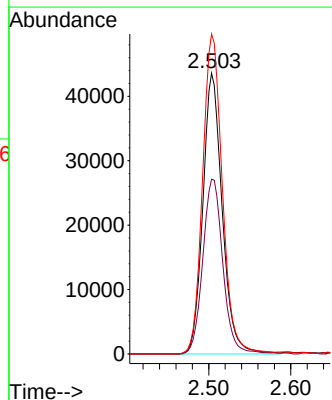
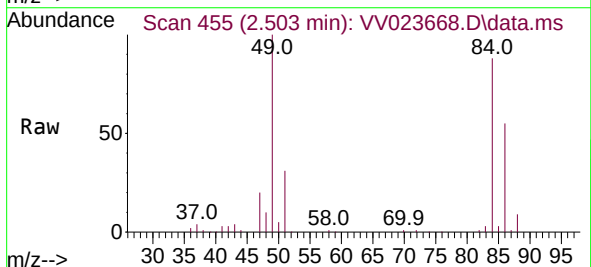
Instrument :
MSVOA_V
ClientSampleId :

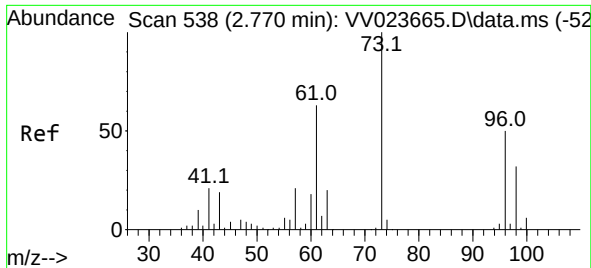
Tgt Ion: 43 Resp: 15866
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.2



#16
Methylene chloride
Concen: 4.194 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 84 Resp: 71367
Ion Ratio Lower Upper
84 100
86 62.2 42.6 79.0
49 114.0 79.7 147.9

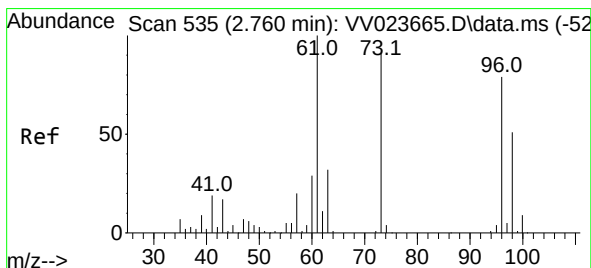
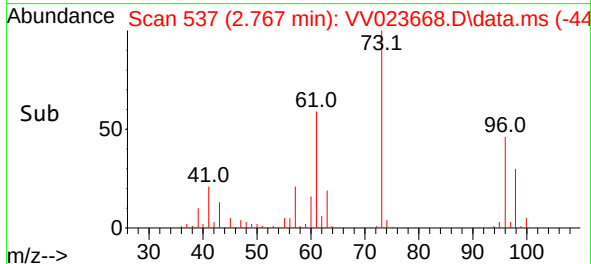
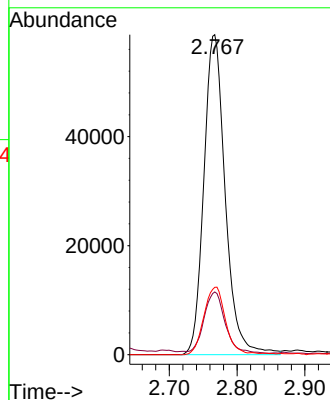
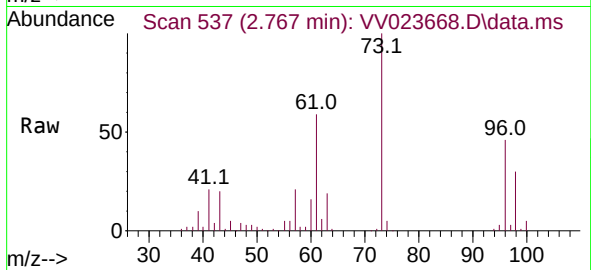




#17
Methyl tert-butyl Ether
Concen: 5.273 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

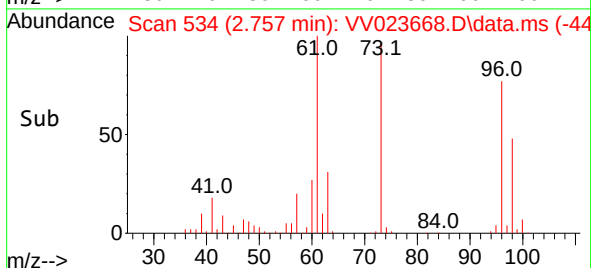
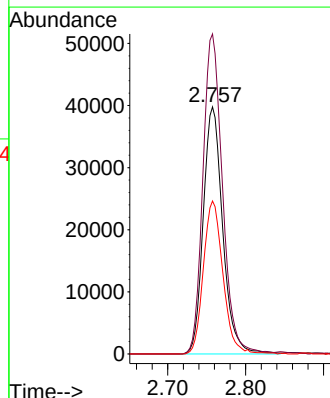
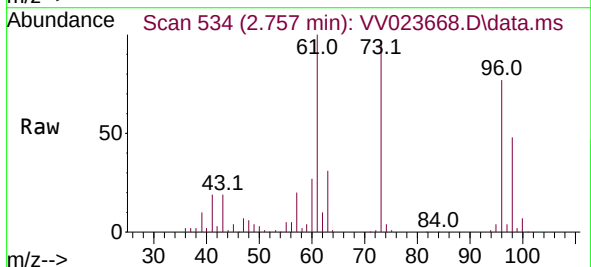
Instrument :
MSVOA_V
ClientSampleId :

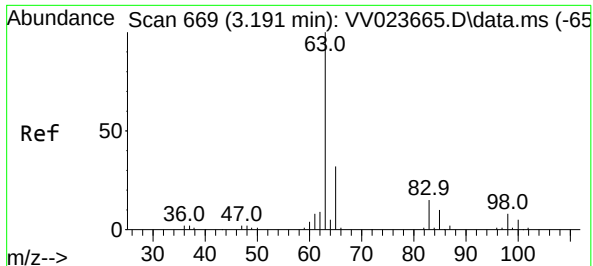
Tgt Ion: 73 Resp: 128881
Ion Ratio Lower Upper
73 100
43 18.8 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.085 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 96 Resp: 69074
Ion Ratio Lower Upper
96 100
61 129.5 88.2 163.8
98 61.9 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.054 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

ClientSampleId :

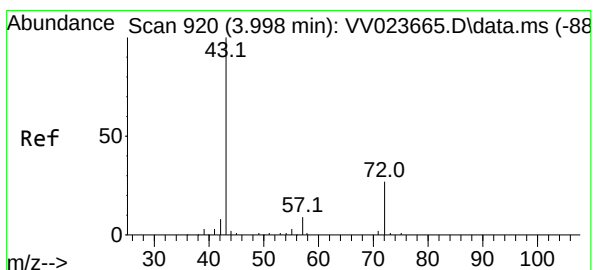
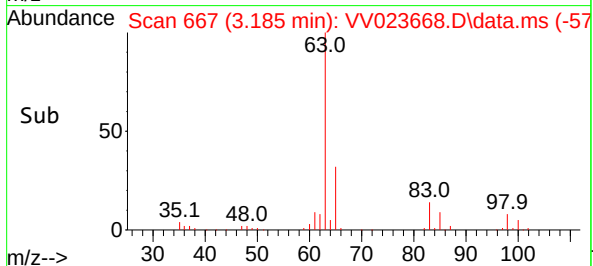
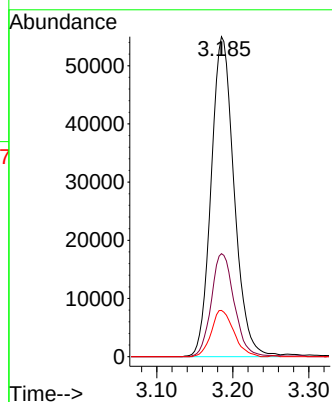
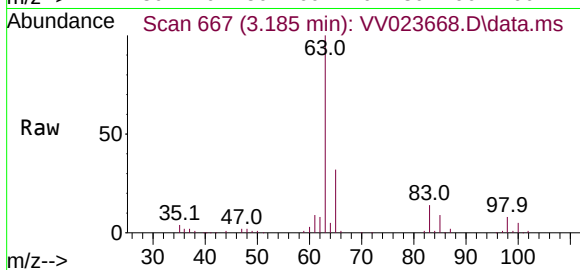
Tgt Ion: 63 Resp: 115432

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 14.4 10.7 19.9



#21

2-Butanone

Concen: 39.400 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.016 min

Lab File: VV023668.D

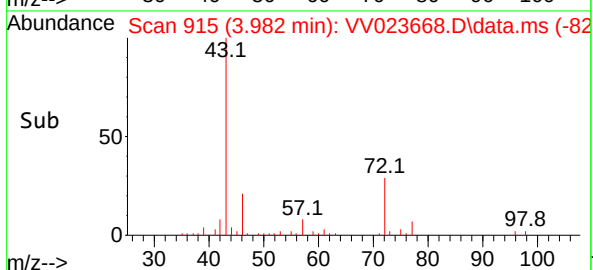
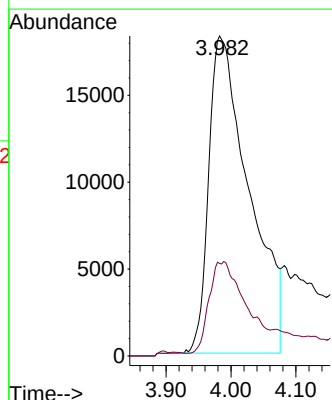
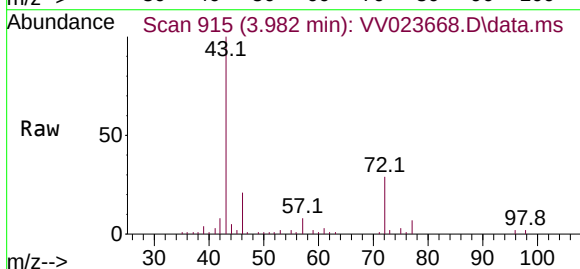
Acq: 23 Nov 2021 13:44

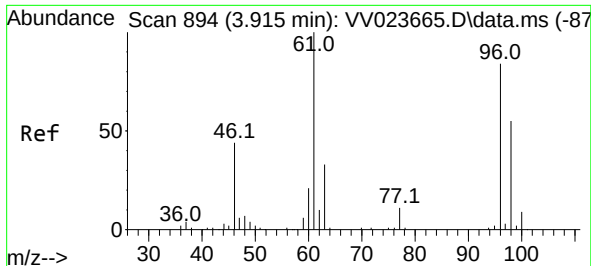
Tgt Ion: 43 Resp: 78824

Ion Ratio Lower Upper

43 100

72 26.2 11.1 33.1

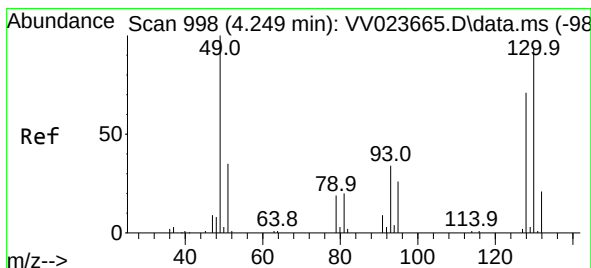
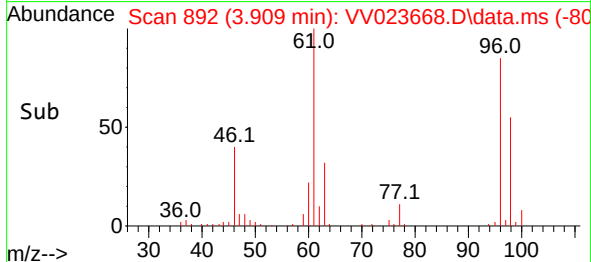
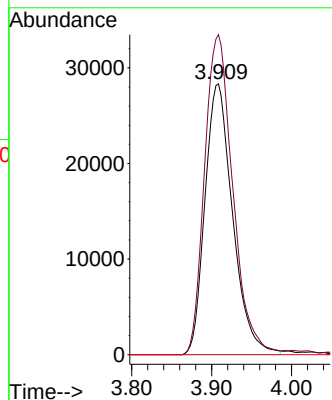
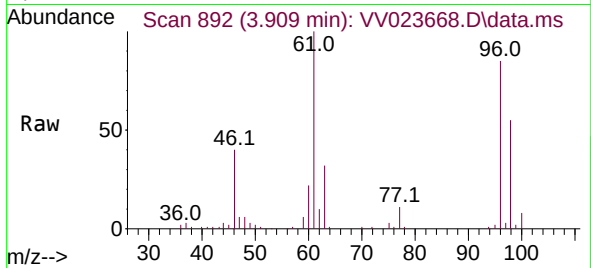




#22
 cis-1,2-Dichloroethene
 Concen: 5.235 ug/L
 RT: 3.909 min Scan# 894
 Delta R.T. -0.006 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

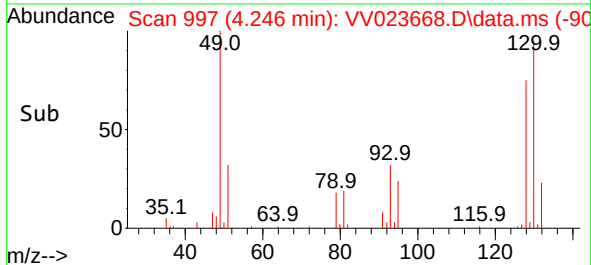
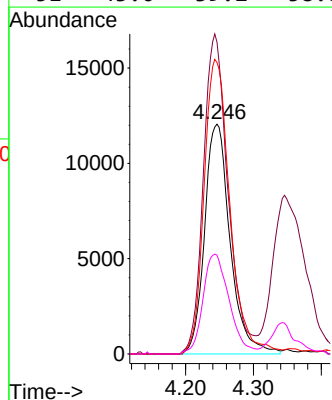
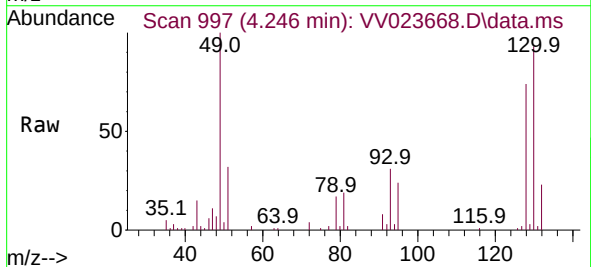
Instrument :
 MSVOA_V
 ClientSampleId :

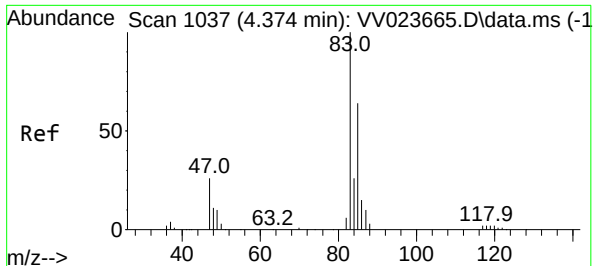
Tgt Ion: 96 Resp: 68189
 Ion Ratio Lower Upper
 96 100
 61 118.2 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.161 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion: 128 Resp: 31551
 Ion Ratio Lower Upper
 128 100
 49 135.7 100.2 186.2
 130 126.9 92.5 171.7
 51 43.0 39.2 58.8





#25

Chloroform

Concen: 4.843 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

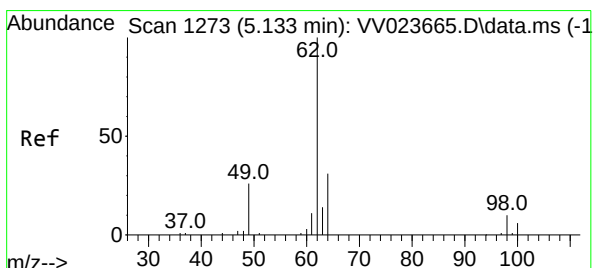
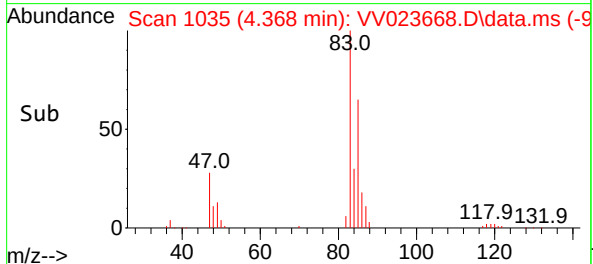
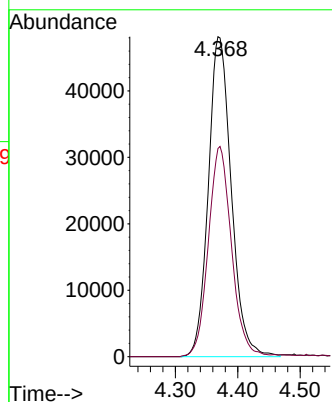
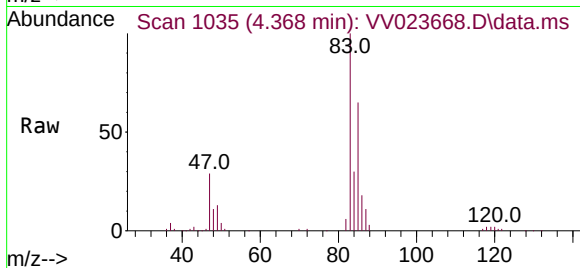
ClientSampleId :

Tgt Ion: 83 Resp: 123226

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.919 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.006 min

Lab File: VV023668.D

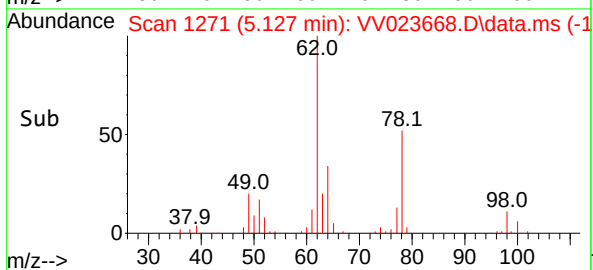
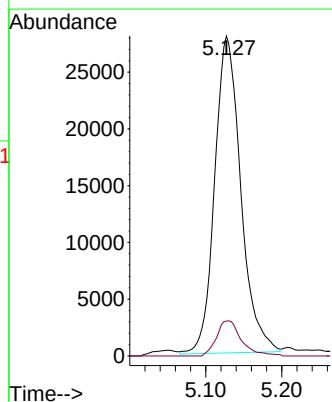
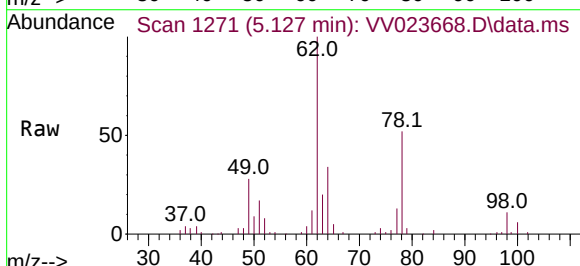
Acq: 23 Nov 2021 13:44

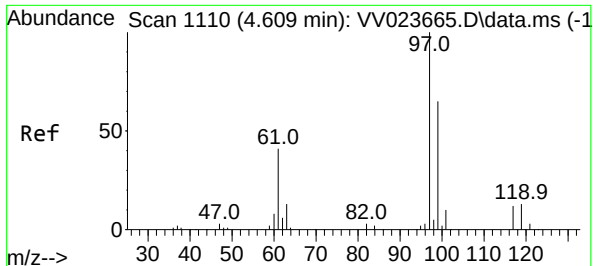
Tgt Ion: 62 Resp: 66536

Ion Ratio Lower Upper

62 100

98 10.9 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.078 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

ClientSampleId :

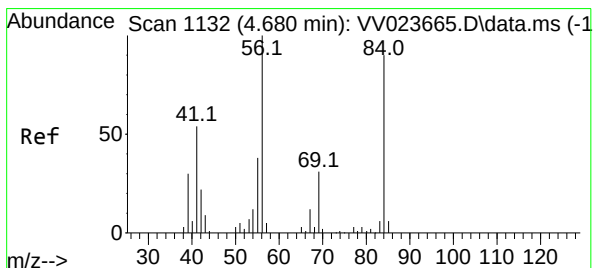
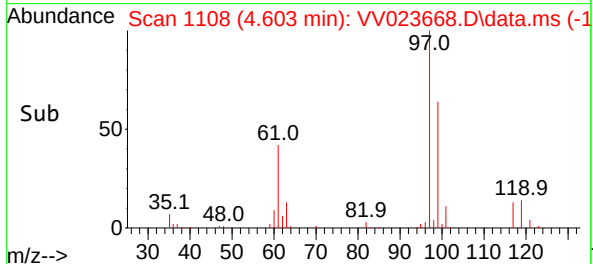
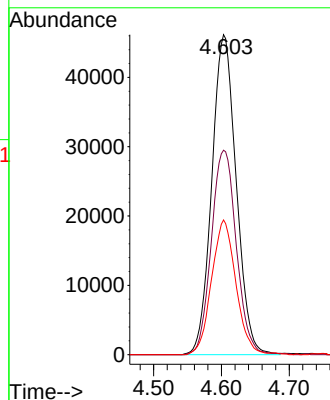
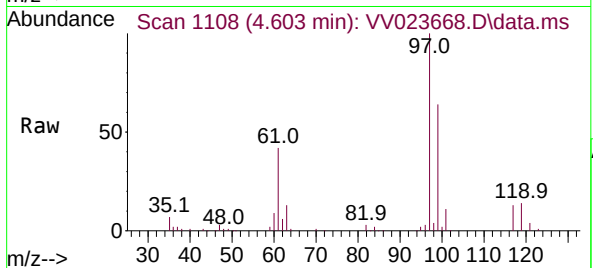
Tgt Ion: 97 Resp: 115617

Ion Ratio Lower Upper

97 100

99 65.4 51.9 77.9

61 41.9 33.2 49.8



#30

Cyclohexane

Concen: 5.360 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

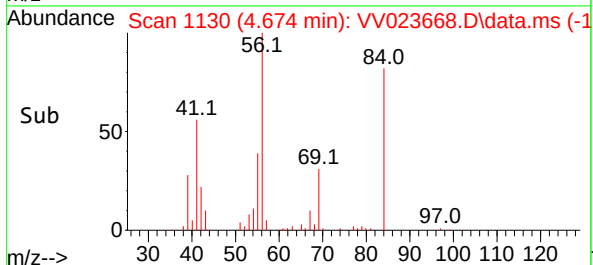
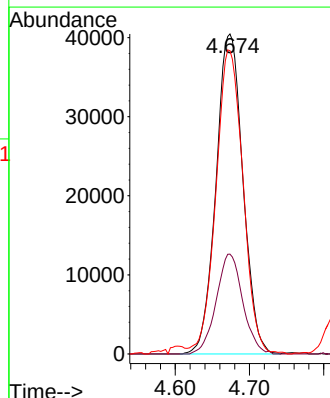
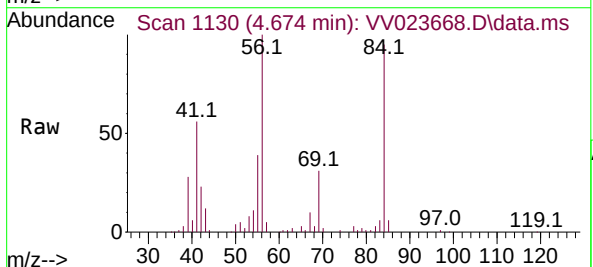
Tgt Ion: 56 Resp: 101833

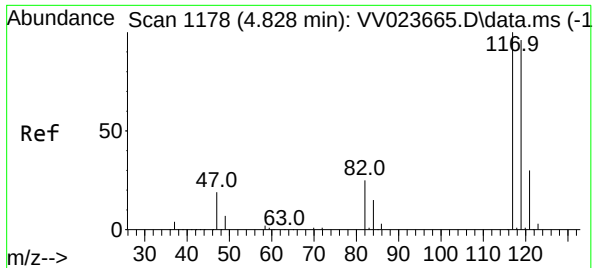
Ion Ratio Lower Upper

56 100

69 30.8 24.8 37.2

84 95.8 75.9 113.9

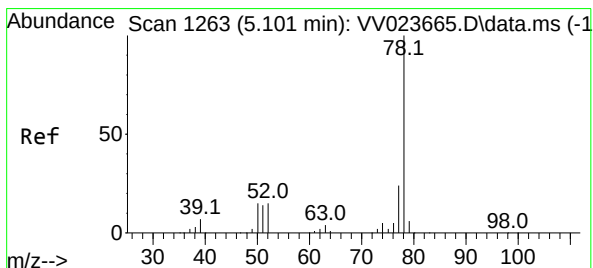
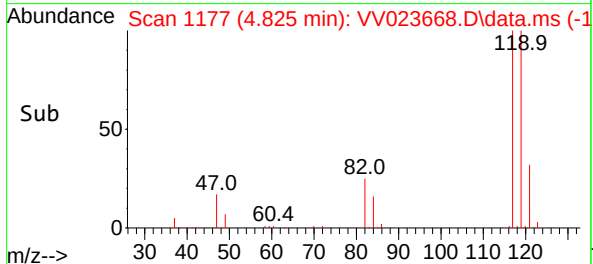
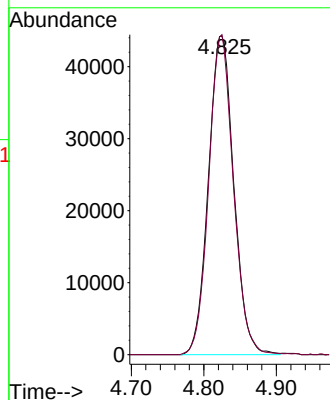
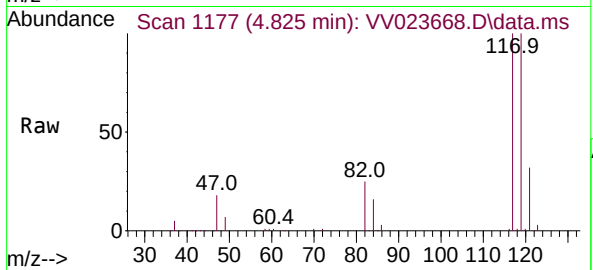




#31
Carbon tetrachloride
Concen: 5.167 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

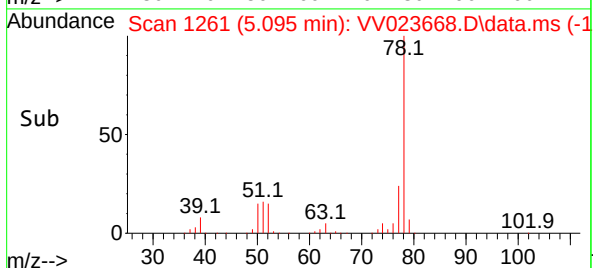
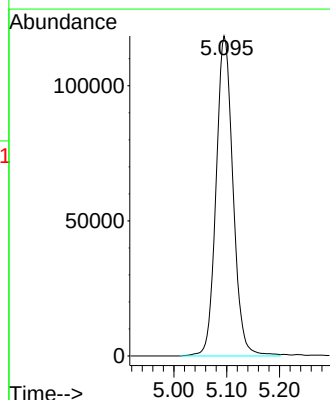
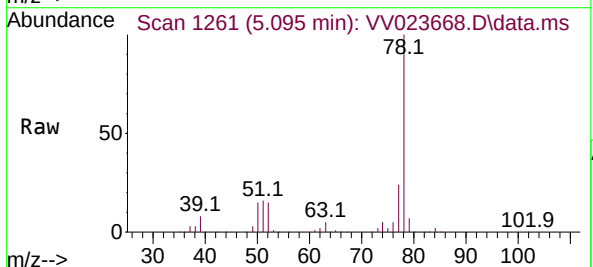
Instrument :
MSVOA_V
ClientSampleId :

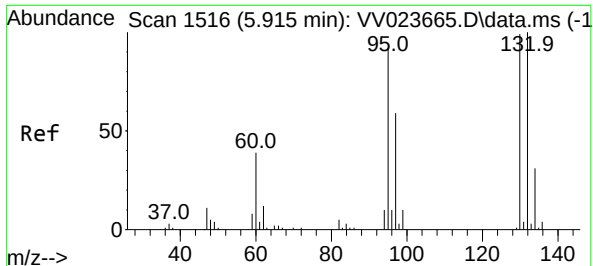
Tgt Ion:117 Resp: 107755
Ion Ratio Lower Upper
117 100
119 97.2 76.6 114.8



#33
Benzene
Concen: 5.311 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 78 Resp: 263803

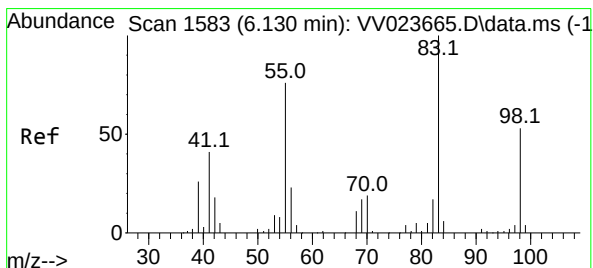
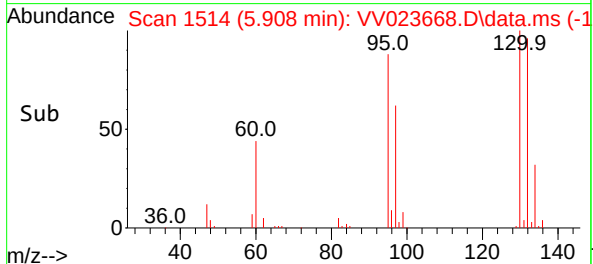
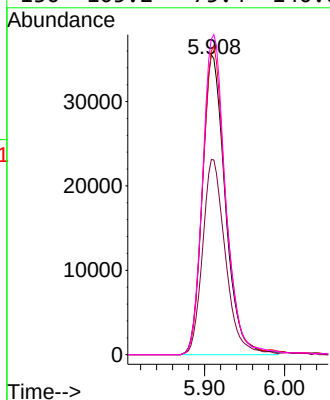
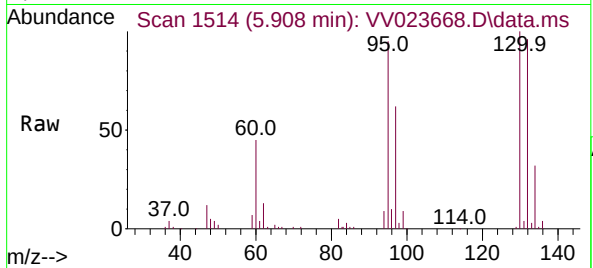




#34
Trichloroethene
Concen: 5.320 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

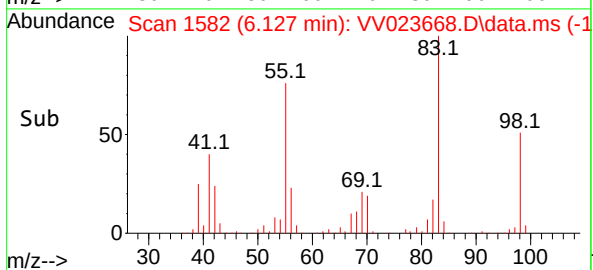
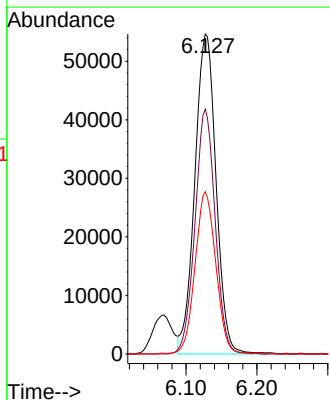
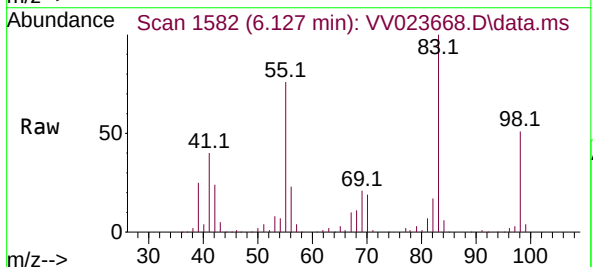
Instrument :
MSVOA_V
ClientSampleId :

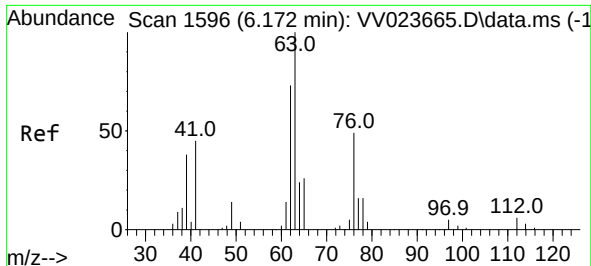
Tgt Ion: 95 Resp: 70790
Ion Ratio Lower Upper
95 100
97 65.1 45.2 84.0
132 101.2 76.1 141.3
130 105.2 75.4 140.0



#35
Methylcyclohexane
Concen: 5.496 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 83 Resp: 114008
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.2
98 49.6 41.0 61.4

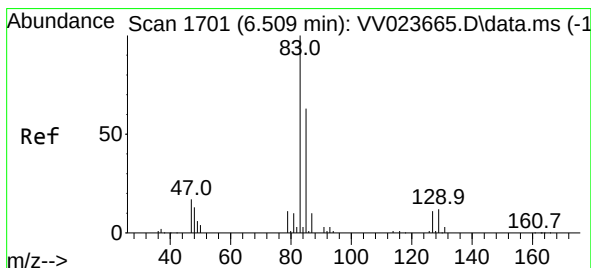
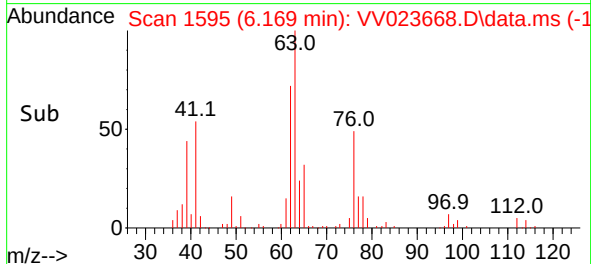
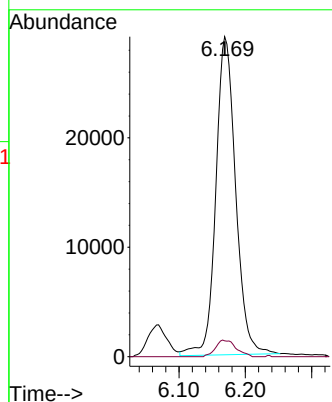
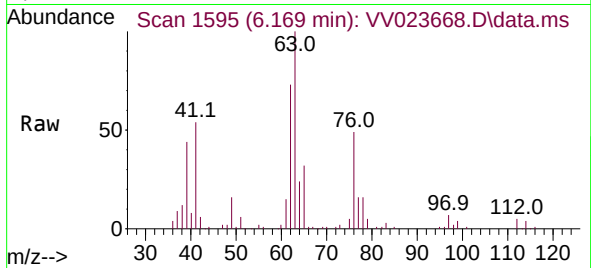




#37
1,2-Dichloropropane
Concen: 5.109 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

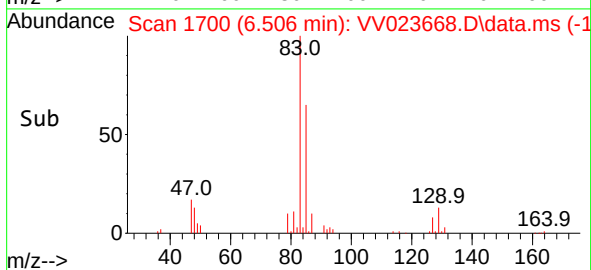
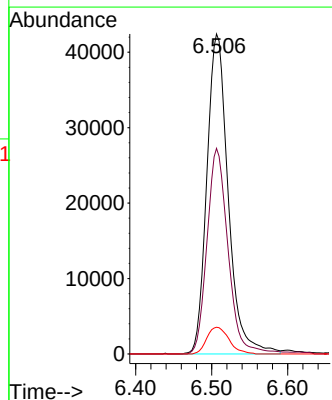
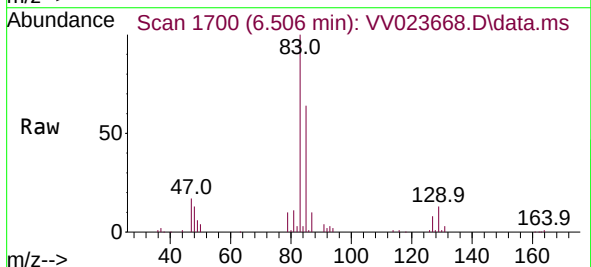
Instrument :
MSVOA_V
ClientSampleId :

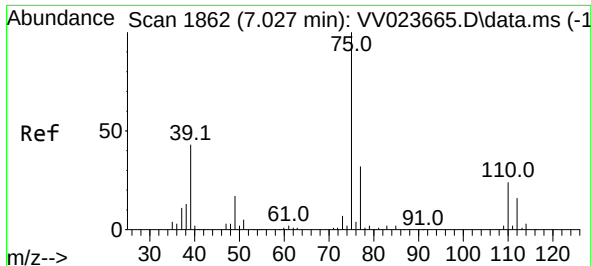
Tgt Ion: 63 Resp: 60319
Ion Ratio Lower Upper
63 100
112 5.4 4.3 6.5



#38
Bromodichloromethane
Concen: 5.162 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 83 Resp: 82712
Ion Ratio Lower Upper
83 100
85 64.2 44.0 81.8
127 8.3 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.347 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

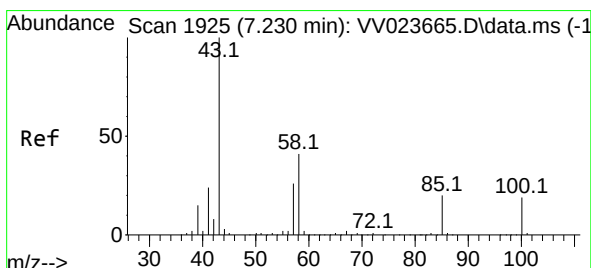
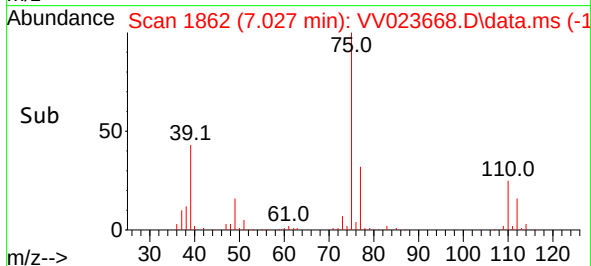
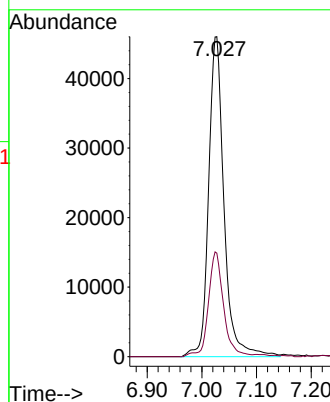
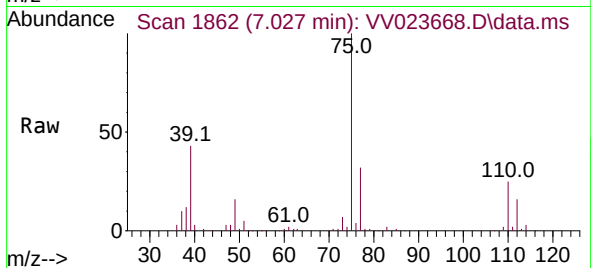
ClientSampleId :

Tgt Ion: 75 Resp: 89835

Ion Ratio Lower Upper

75 100

77 32.3 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.816 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.006 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

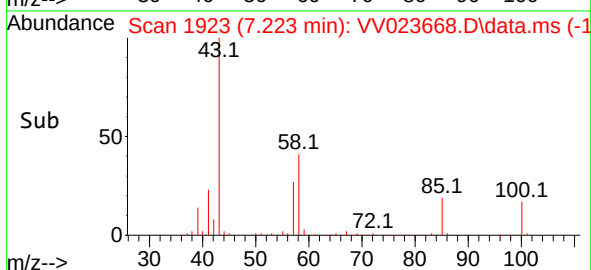
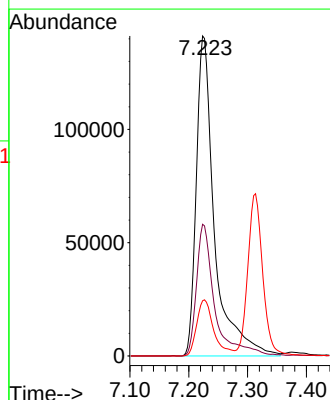
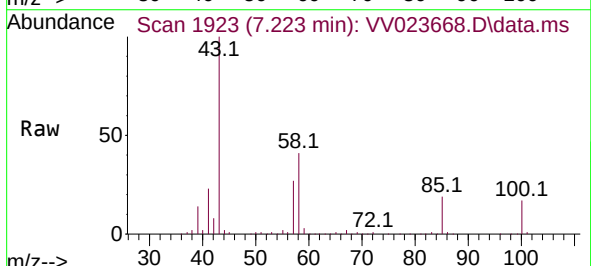
Tgt Ion: 43 Resp: 303313

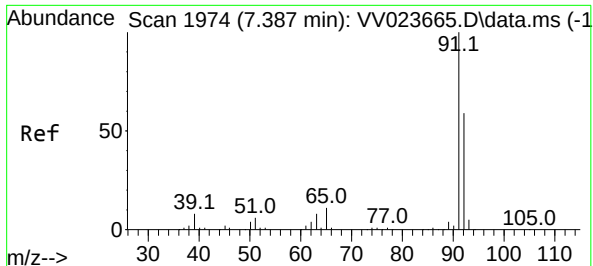
Ion Ratio Lower Upper

43 100

58 41.3 32.3 48.5

100 16.6 13.0 19.6

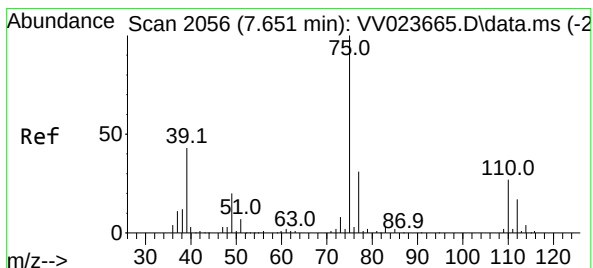
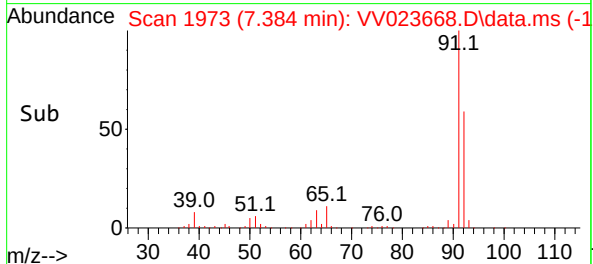
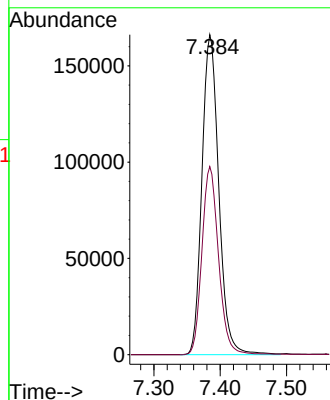
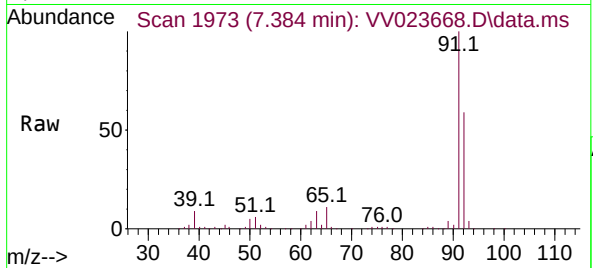




#42
Toluene
Concen: 5.448 ug/L
RT: 7.384 min Scan# 1974
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

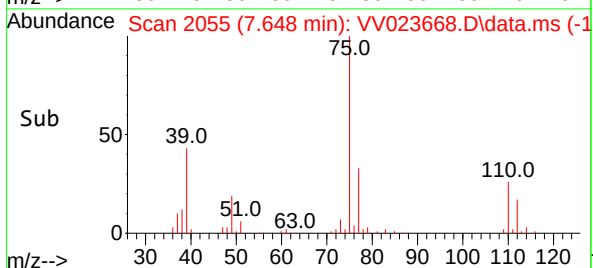
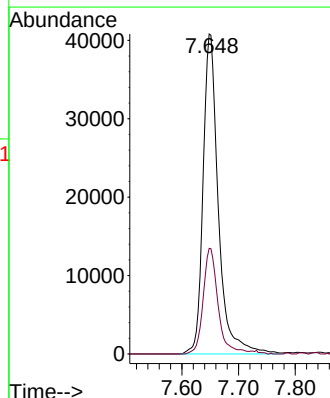
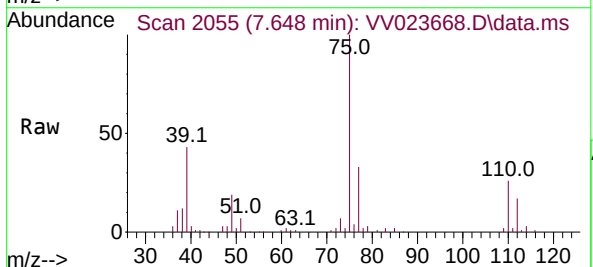
Instrument :
MSVOA_V
ClientSampleId :

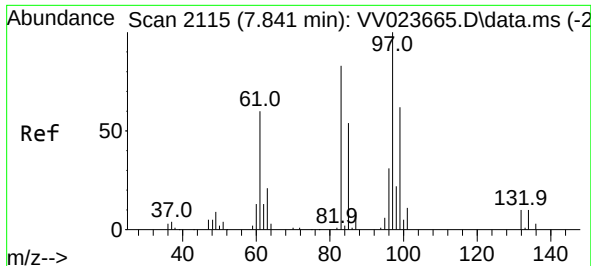
Tgt Ion: 91 Resp: 293462
Ion Ratio Lower Upper
91 100
92 58.8 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.420 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

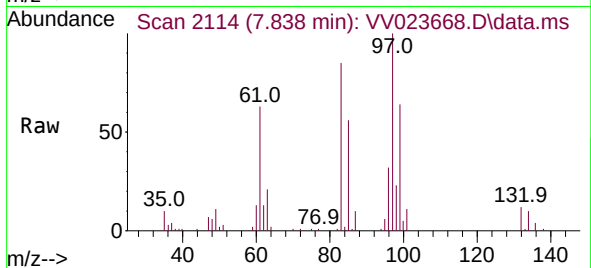
Tgt Ion: 75 Resp: 76533
Ion Ratio Lower Upper
75 100
77 33.0 21.8 40.4



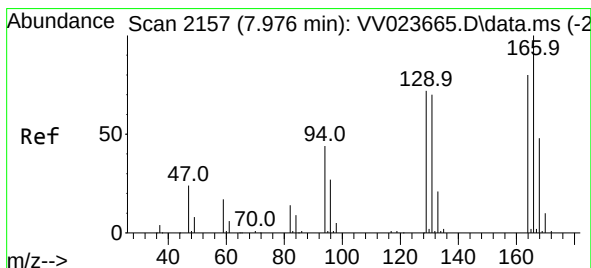
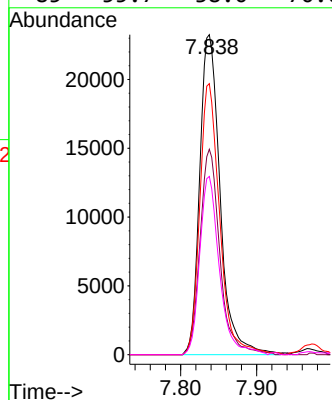
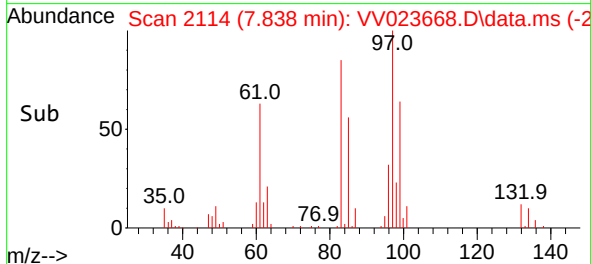


#45
1,1,2-Trichloroethane
Concen: 5.303 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

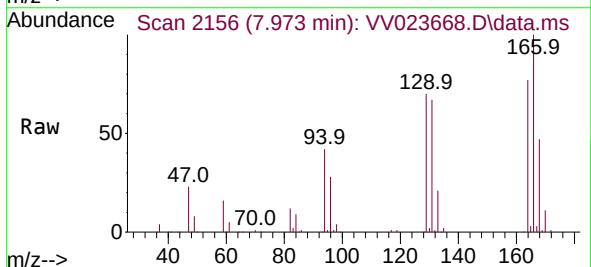
Instrument :
MSVOA_V
ClientSampleId :



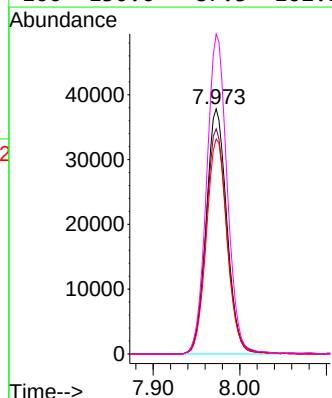
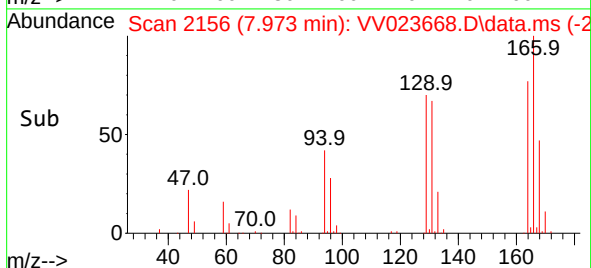
Tgt Ion:	97	Resp:	43350
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.1	80.1
83	84.7	57.9	107.5
85	55.7	38.0	70.6

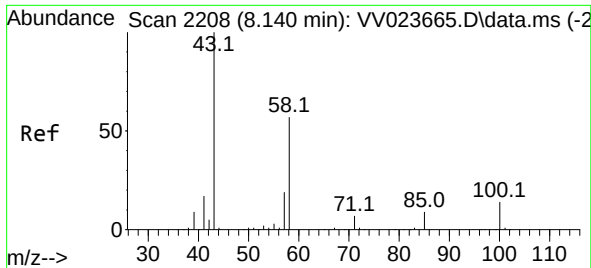


#47
Tetrachloroethene
Concen: 5.204 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44



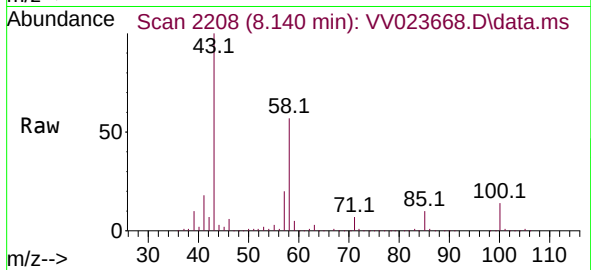
Tgt Ion:	164	Resp:	63019
Ion	Ratio	Lower	Upper
164	100		
129	91.9	62.6	116.2
131	87.8	61.0	113.4
166	130.6	87.3	162.1



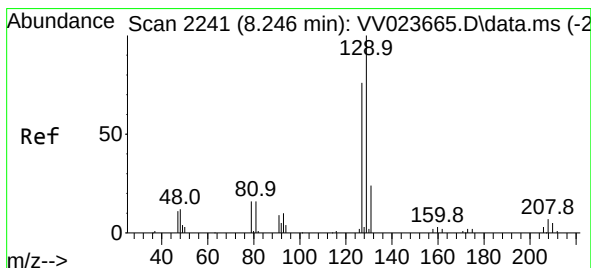
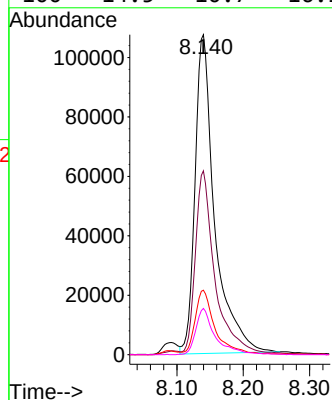
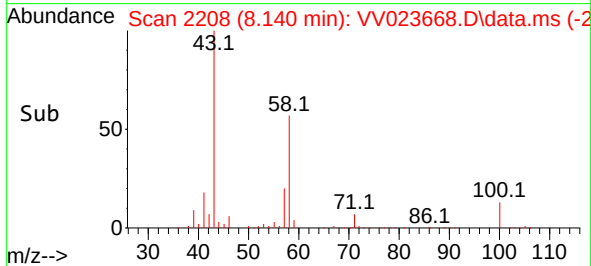


#48
2-Hexanone
Concen: 53.103 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Instrument :
MSVOA_V
ClientSampleId :

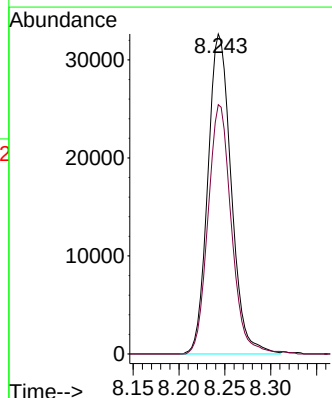
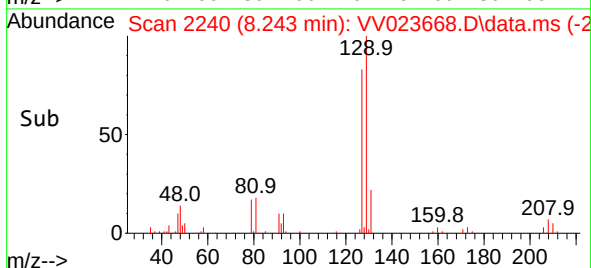
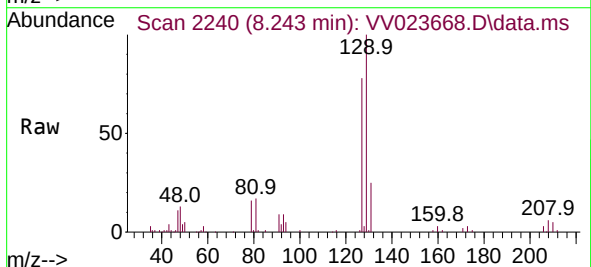


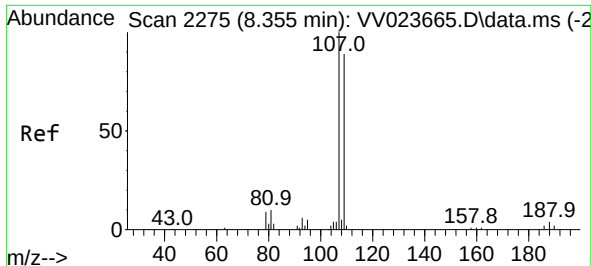
Tgt Ion: 43 Resp: 221210
Ion Ratio Lower Upper
43 100
58 57.4 44.5 66.7
57 20.3 15.1 22.7
100 14.5 10.7 16.1



#49
Dibromochloromethane
Concen: 5.178 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 129 Resp: 58008
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.118 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.006 min

Lab File: VV023668.D

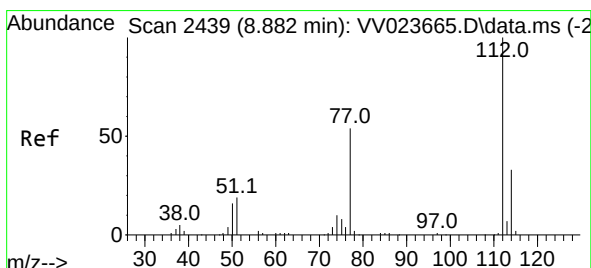
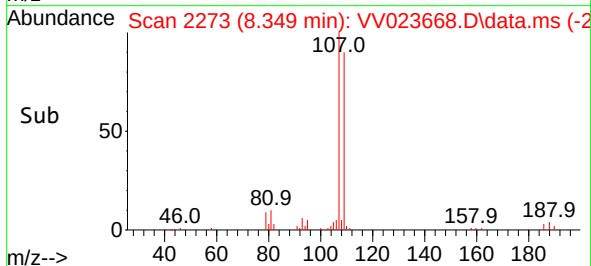
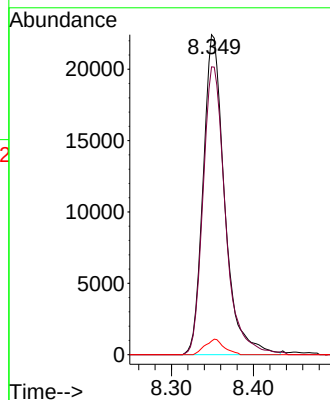
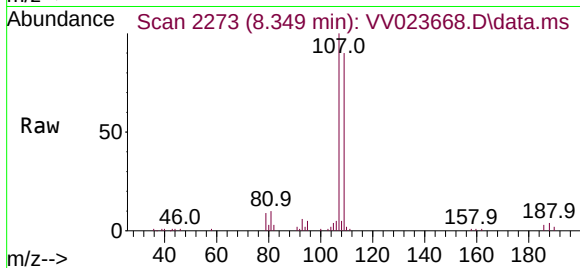
Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	40802
Ion	Ratio	Lower Upper
107	100	
109	89.9	62.5 116.1
188	4.2	3.4 5.2



#51

Chlorobenzene

Concen: 5.296 ug/L

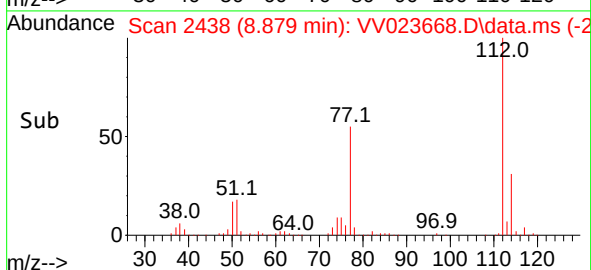
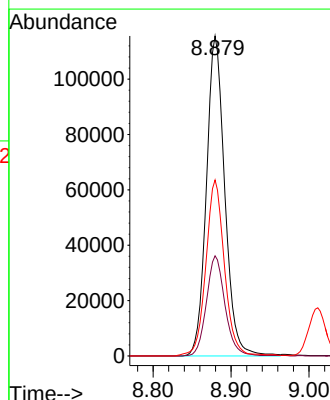
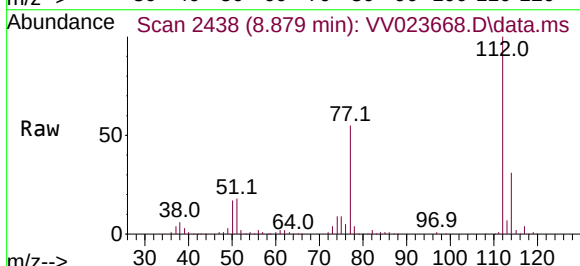
RT: 8.879 min Scan# 2438

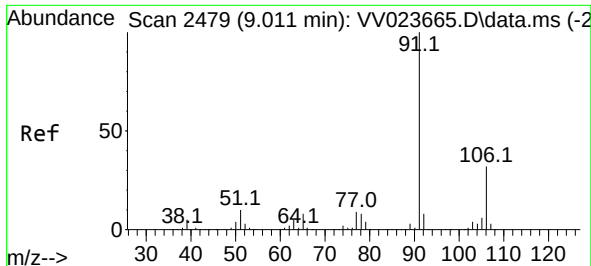
Delta R.T. -0.003 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Tgt Ion:112	Resp:	189144
Ion	Ratio	Lower Upper
112	100	
114	31.3	23.3 43.3
77	55.0	43.3 64.9





#52

Ethylbenzene

Concen: 5.510 ug/L

RT: 9.011 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

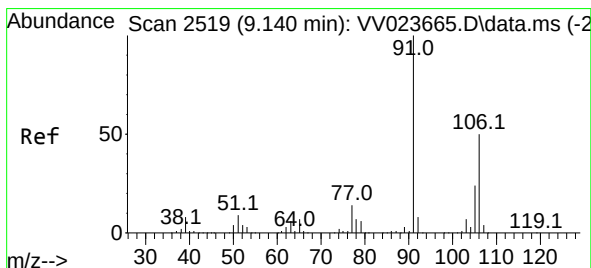
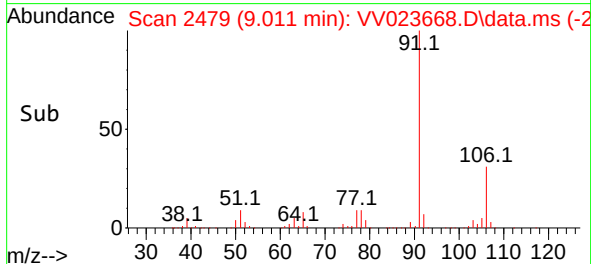
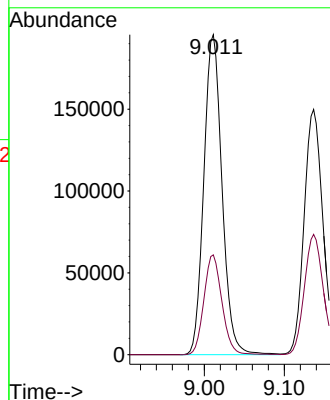
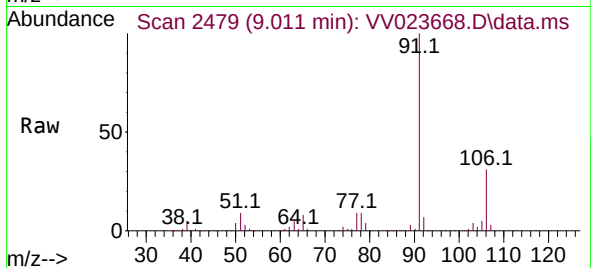
ClientSampleId :

Tgt Ion: 91 Resp: 310250

Ion Ratio Lower Upper

91 100

106 31.2 22.0 41.0



#53

m,p-xylene

Concen: 5.447 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. -0.003 min

Lab File: VV023668.D

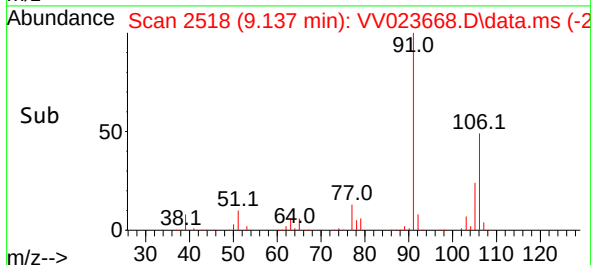
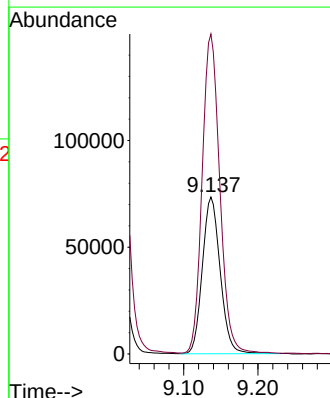
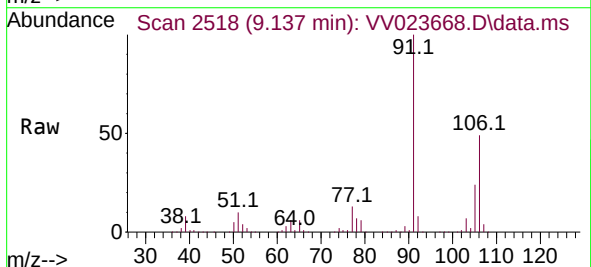
Acq: 23 Nov 2021 13:44

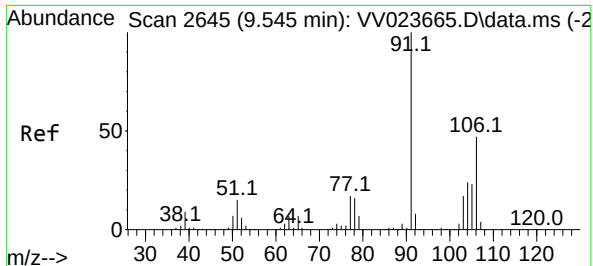
Tgt Ion: 106 Resp: 122073

Ion Ratio Lower Upper

106 100

91 204.0 139.5 259.1

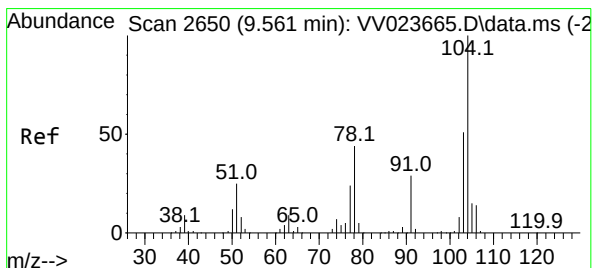
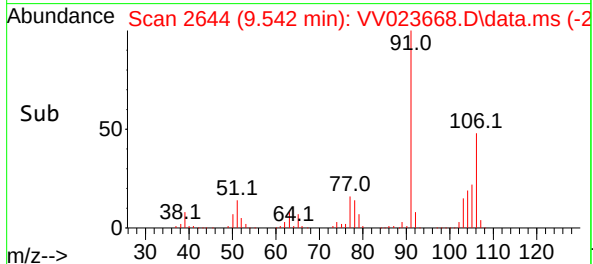
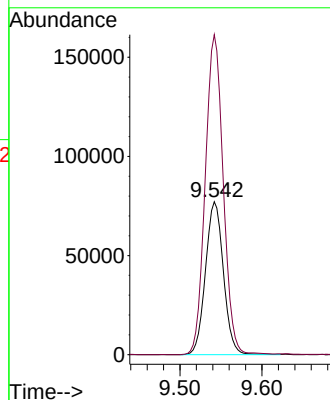
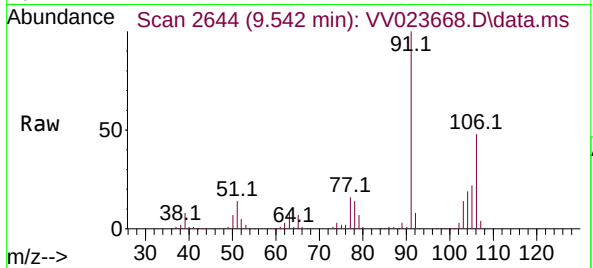




#54
o-xylene
Concen: 5.511 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

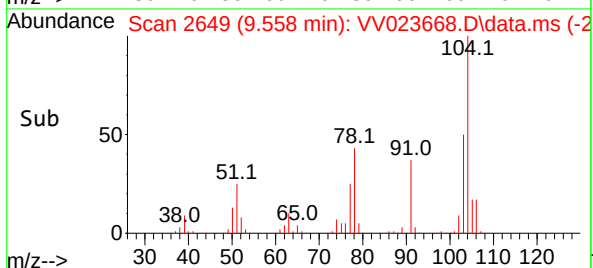
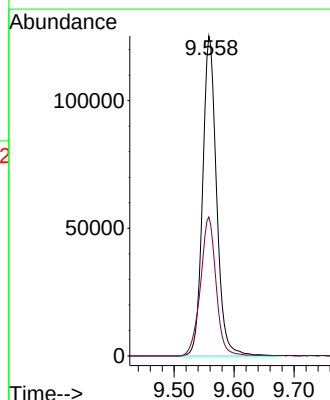
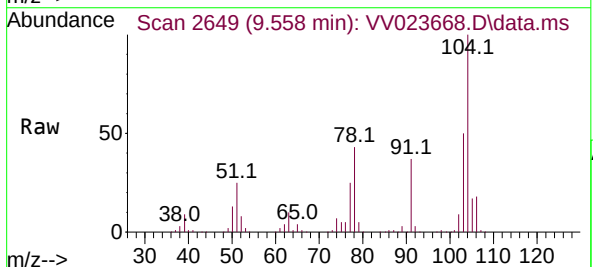
Instrument :
MSVOA_V
ClientSampleId :

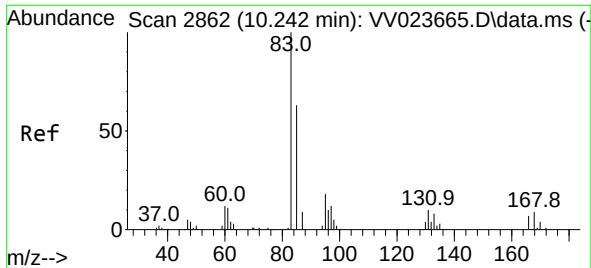
Tgt Ion:106 Resp: 117453
Ion Ratio Lower Upper
106 100
91 209.2 147.9 274.7



#55
Styrene
Concen: 5.663 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion:104 Resp: 203349
Ion Ratio Lower Upper
104 100
78 43.5 31.0 57.6

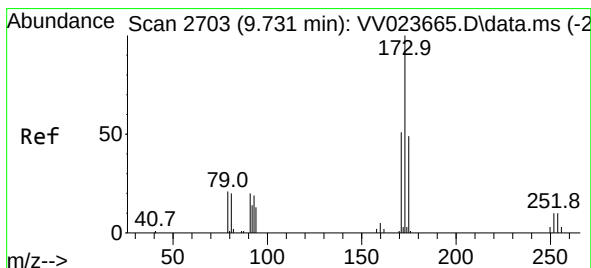
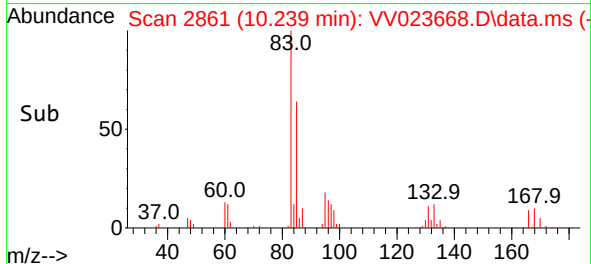
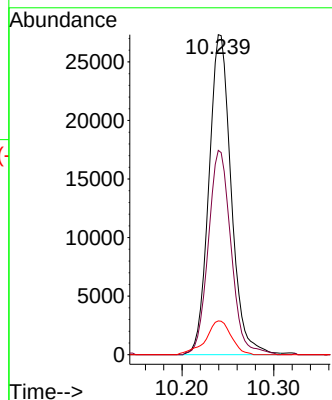
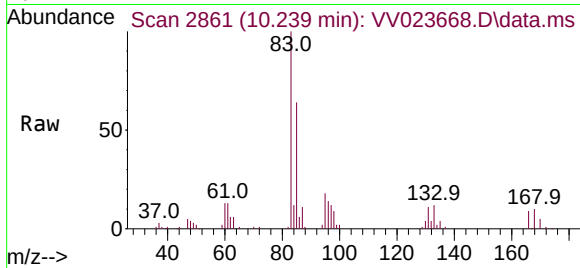




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.068 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.003 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

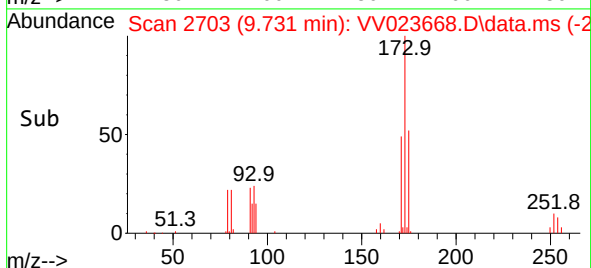
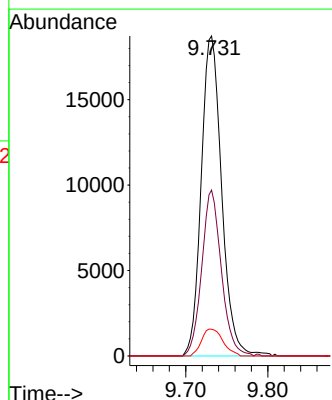
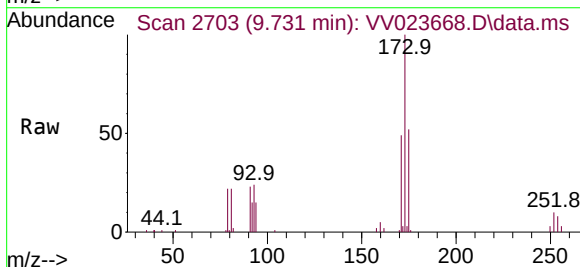
Instrument :
 MSVOA_V
 ClientSampleId :

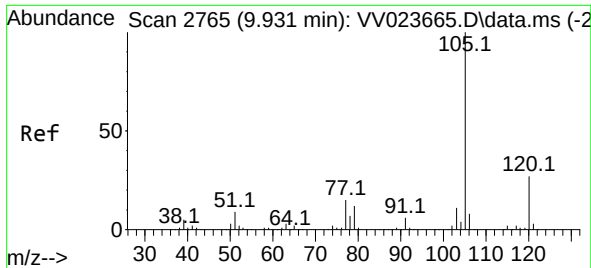
Tgt Ion: 83 Resp: 46098
 Ion Ratio Lower Upper
 83 100
 85 63.8 44.6 82.8
 131 10.5 8.3 12.5



#59
 Bromoform
 Concen: 5.064 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion: 173 Resp: 32473
 Ion Ratio Lower Upper
 173 100
 175 49.6 39.4 59.2
 254 8.8 7.4 11.0

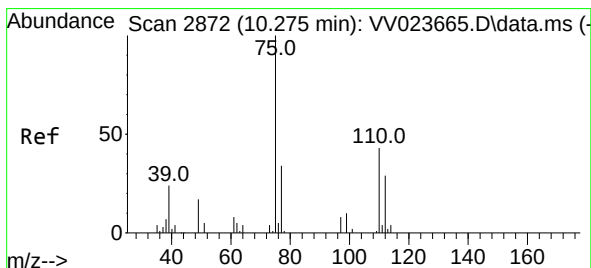
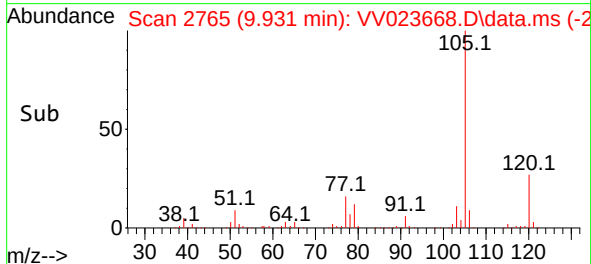
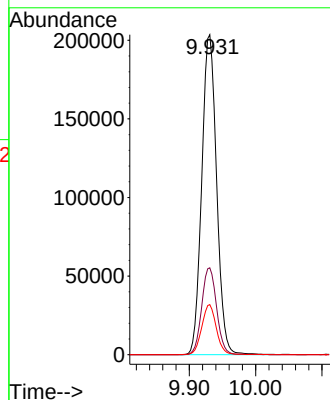
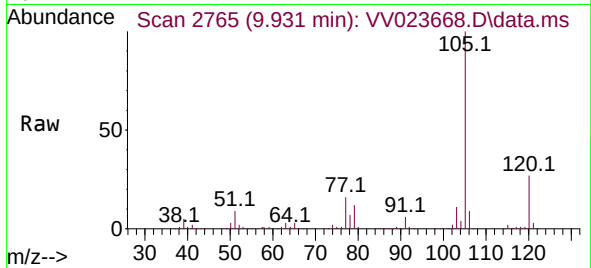




#60
Isopropylbenzene
Concen: 5.473 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

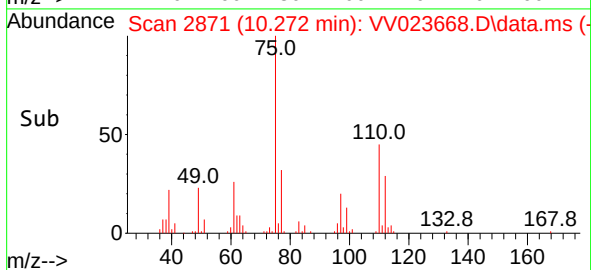
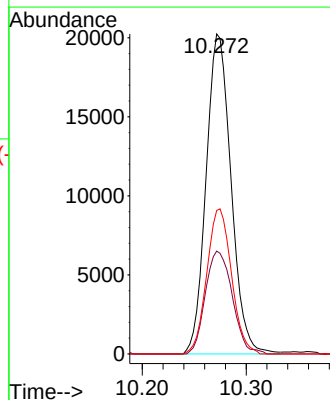
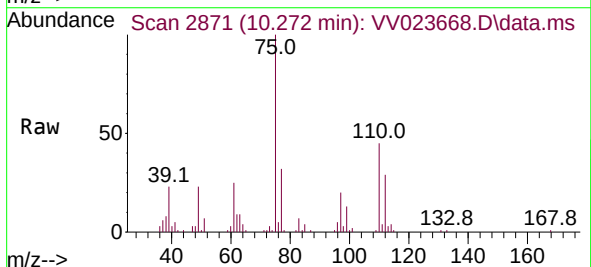
Instrument :
MSVOA_V
ClientSampleId :

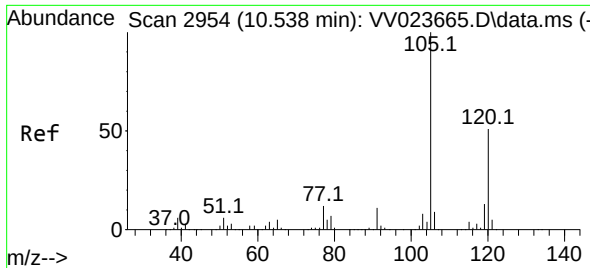
Tgt Ion:105 Resp: 317323
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 4.906 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 75 Resp: 33782
Ion Ratio Lower Upper
75 100
77 34.6 26.4 39.6
110 44.9 34.2 51.2

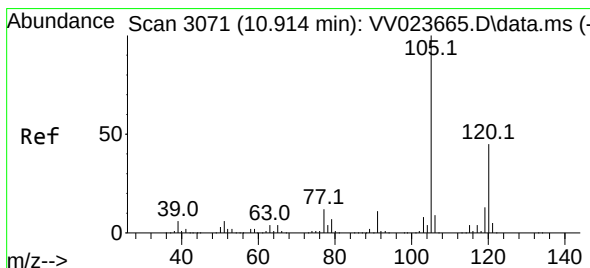
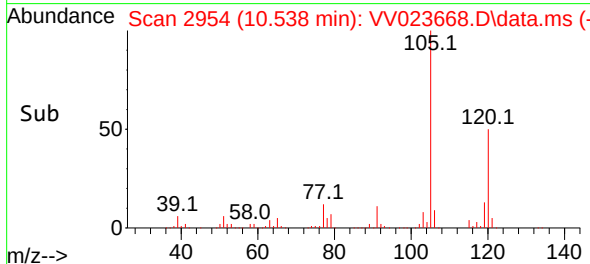
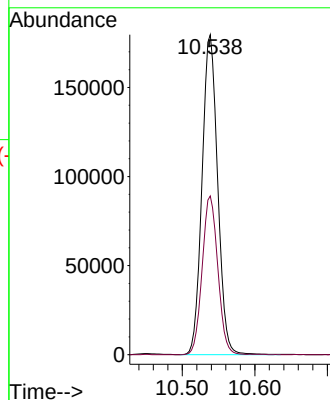
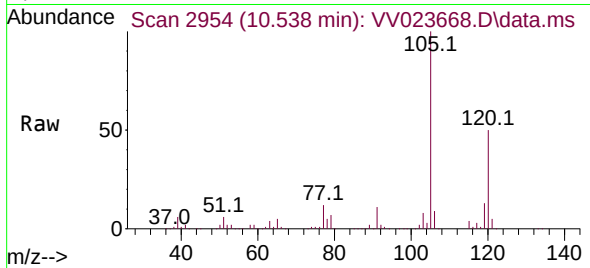




#62
 1,3,5-Trimethylbenzene
 Concen: 5.575 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

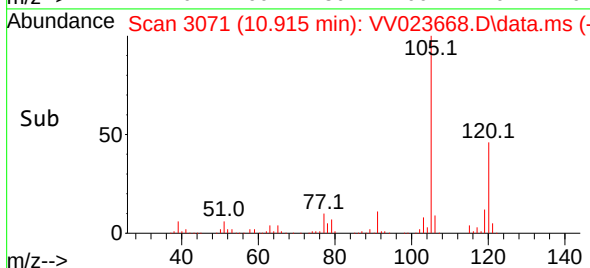
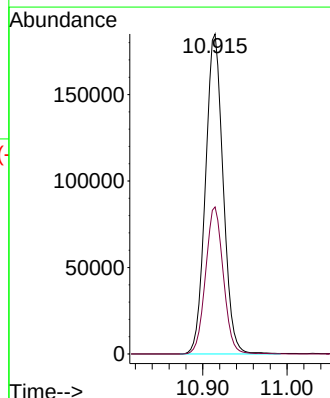
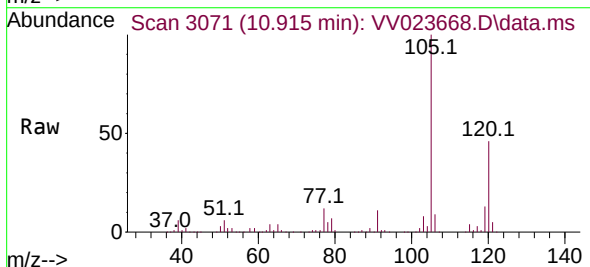
Instrument :
 MSVOA_V
 ClientSampleId :

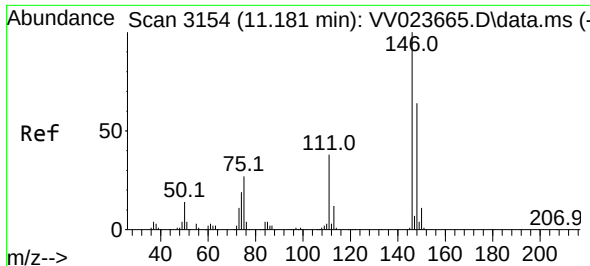
Tgt Ion:105 Resp: 268972
 Ion Ratio Lower Upper
 105 100
 120 49.5 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.666 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023668.D
 Acq: 23 Nov 2021 13:44

Tgt Ion:105 Resp: 270310
 Ion Ratio Lower Upper
 105 100
 120 46.2 36.7 55.1

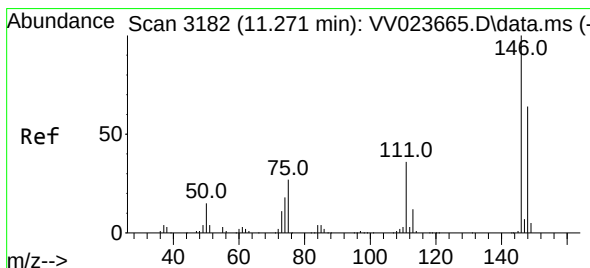
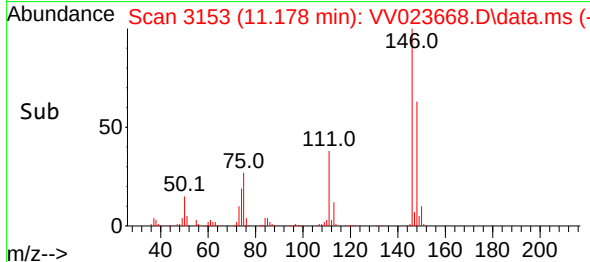
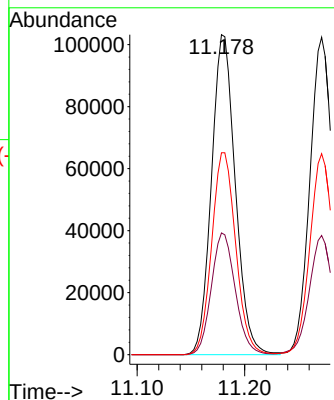
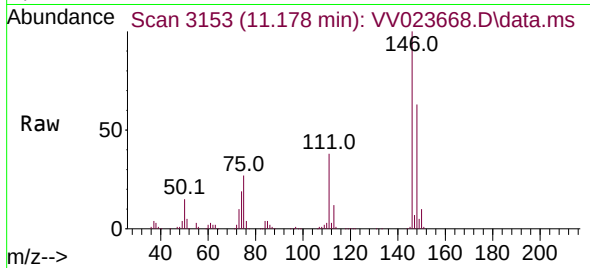




#64
1,3-Dichlorobenzene
Concen: 5.369 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

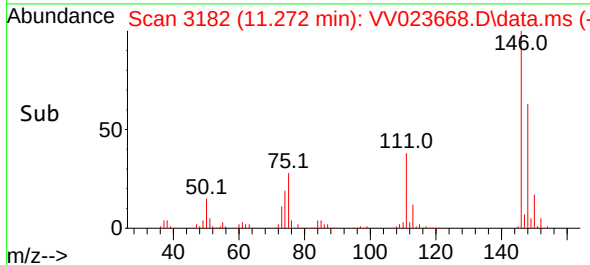
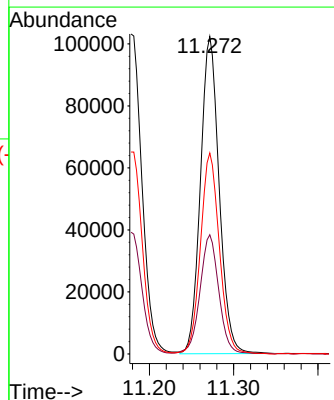
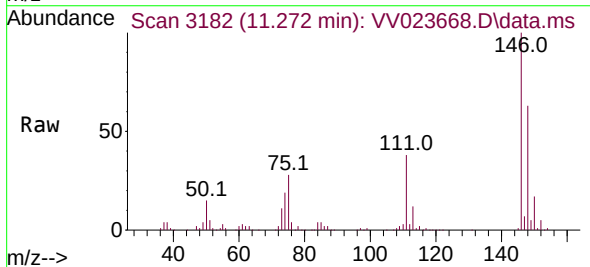
Instrument :
MSVOA_V
ClientSampleId :

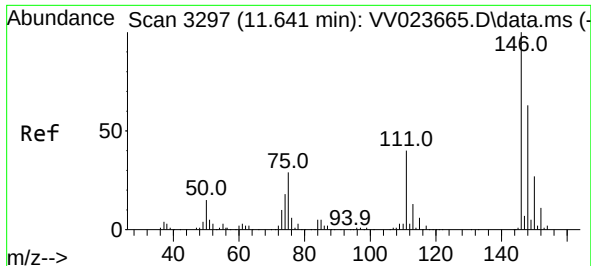
Tgt Ion:146 Resp: 159169
Ion Ratio Lower Upper
146 100
111 38.1 26.3 48.9
148 63.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.309 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion:146 Resp: 158169
Ion Ratio Lower Upper
146 100
111 37.6 25.6 47.6
148 63.3 44.8 83.2

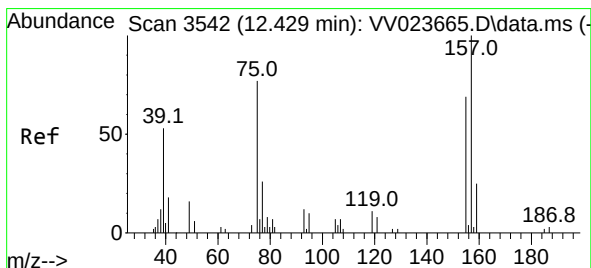
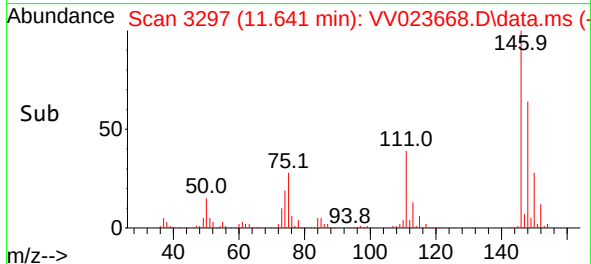
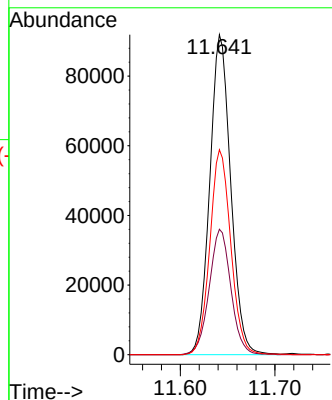
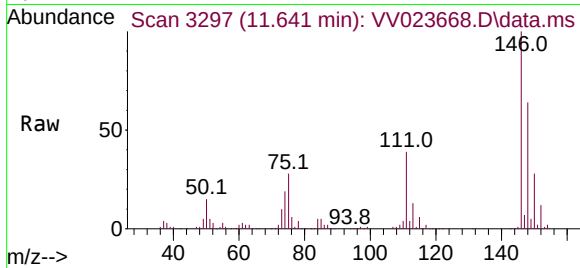




#67
1,2-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

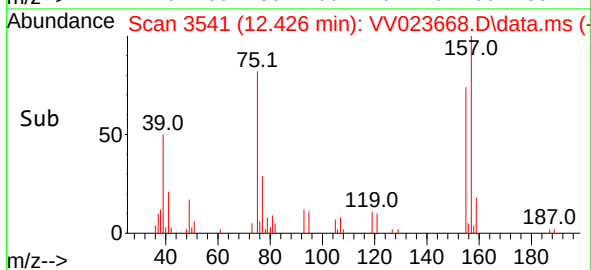
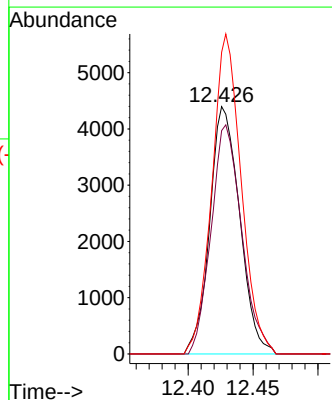
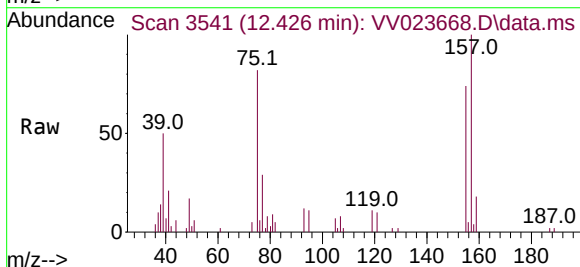
Instrument :
MSVOA_V
ClientSampleId :

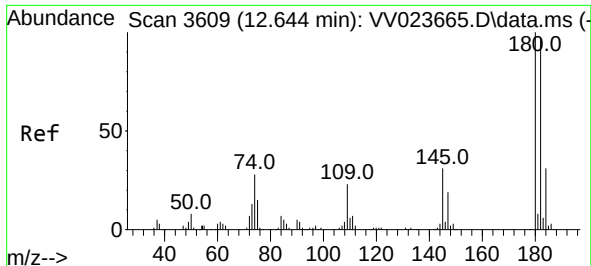
Tgt Ion:146 Resp: 141580
Ion Ratio Lower Upper
146 100
111 39.2 31.9 47.9
148 64.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.144 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV023668.D
Acq: 23 Nov 2021 13:44

Tgt Ion: 75 Resp: 7034
Ion Ratio Lower Upper
75 100
155 90.3 71.7 107.5
157 122.0 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.421 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

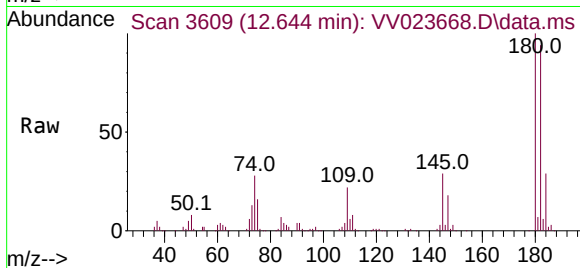
Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 125463

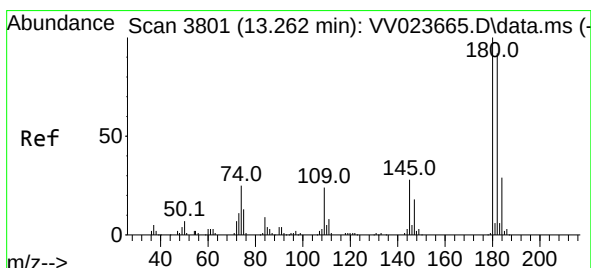
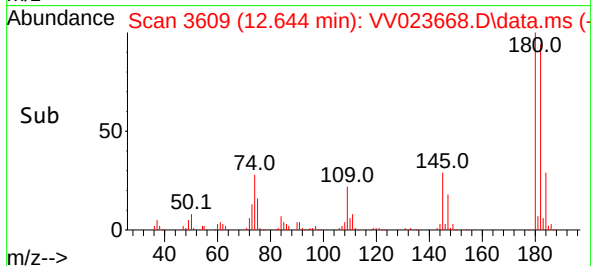
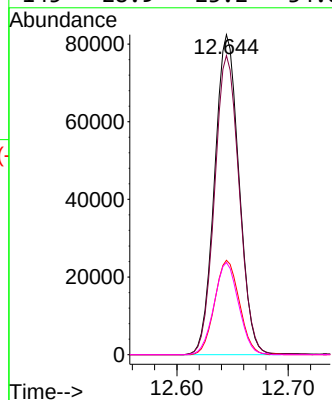
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

184 29.7 24.2 36.4

145 28.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.421 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

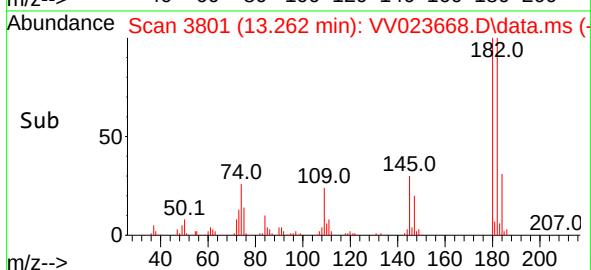
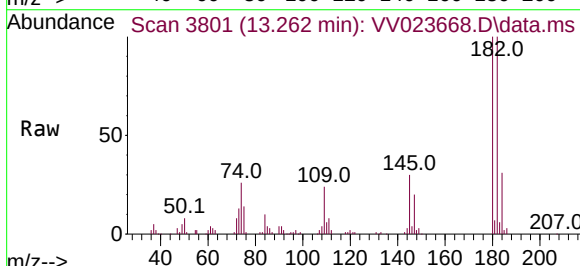
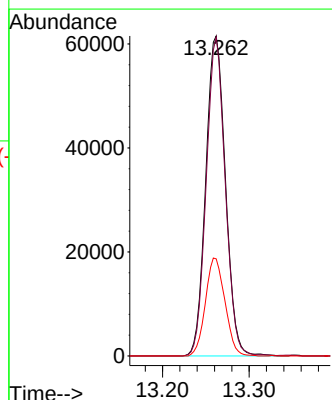
Tgt Ion:180 Resp: 97357

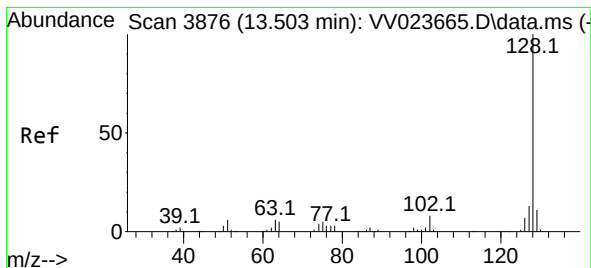
Ion Ratio Lower Upper

180 100

182 95.8 74.4 111.6

145 30.2 23.3 34.9





#71

Naphthalene

Concen: 5.665 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.000 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Instrument :

MSVOA_V

ClientSampleId :

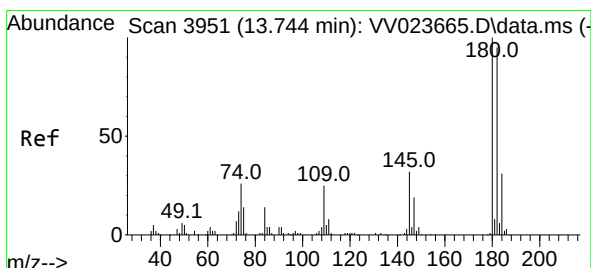
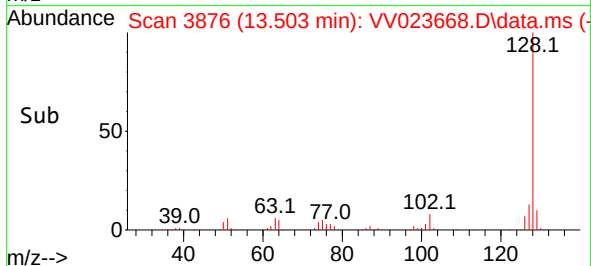
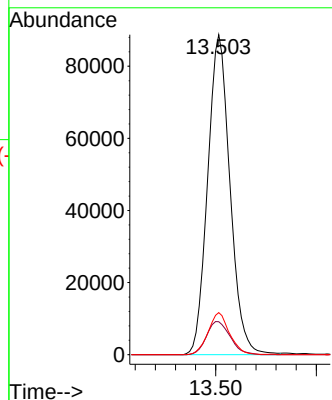
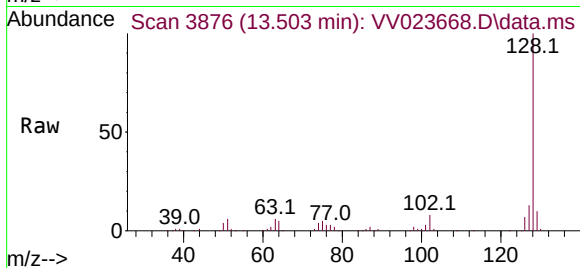
Tgt Ion:128 Resp: 136908

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.4

127 12.6 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.668 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV023668.D

Acq: 23 Nov 2021 13:44

Tgt Ion:180 Resp: 88202

Ion Ratio Lower Upper

180 100

182 95.3 76.8 115.2

145 31.9 25.8 38.6

