

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024082.D
 Acq On : 19 Dec 2021 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 01:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	111159	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	115859	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25984	4.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.567	69	23322	4.678	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.108	63	62330	5.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.800%
20) 2-Butanone-d5	3.908	46	42234	36.175	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.340%
24) Chloroform-d	4.346	84	66775	4.933	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.030	65	30929	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.046	84	116569	5.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.066	67	33229	4.800	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.313	98	117226	5.674	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.400%
43) trans-1,3-Dichloroprop...	7.619	79	14221	4.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.088	63	52408	40.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.520%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	25362	4.416	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	47018	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	50674	5.238	ug/L	100
3) Chloromethane	1.240	50	42948	5.196	ug/L	97
5) Vinyl chloride	1.310	62	48108	5.366	ug/L	99
6) Bromomethane	1.522	94	31340	5.501	ug/L	98
8) Chloroethane	1.584	64	31399	5.382	ug/L	97
9) Trichlorofluoromethane	1.754	101	90322	5.798	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	47650	5.807	ug/L	100
12) 1,1-Dichloroethene	2.117	96	43203	5.793	ug/L	92
13) Acetone	2.204	43	44679	47.834	ug/L	80
14) Carbon disulfide	2.294	76	107355	4.963	ug/L	98
15) Methyl Acetate	2.445	43	10471	4.625	ug/L	99
16) Methylene chloride	2.506	84	49279	5.051	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	92455	5.482	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	45548	5.517	ug/L	98
19) 1,1-Dichloroethane	3.185	63	81954	5.531	ug/L	100
21) 2-Butanone	3.992	43	63934	47.906	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	48670	5.569	ug/L	99
23) Bromochloromethane	4.246	128	22861	5.757	ug/L	93
25) Chloroform	4.371	83	92786	5.633	ug/L	98

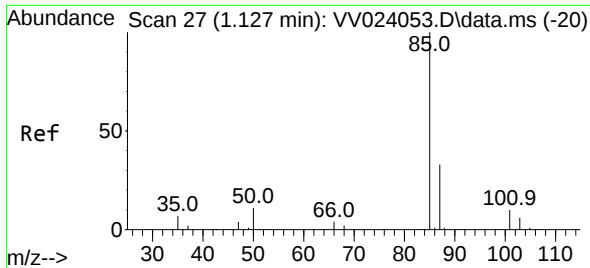
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
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Quant Time: Dec 20 01:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 18 01:42:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	52214	5.851	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	88884	5.864	ug/L	99
30) Cyclohexane	4.673	56	62135	5.168	ug/L	97
31) Carbon tetrachloride	4.825	117	79992	5.614	ug/L	100
33) Benzene	5.095	78	185274	5.653	ug/L	100
34) Trichloroethene	5.908	95	48970	5.297	ug/L	98
35) Methylcyclohexane	6.127	83	71468	5.253	ug/L	98
37) 1,2-Dichloropropane	6.169	63	42231	5.421	ug/L	98
38) Bromodichloromethane	6.506	83	63091	5.717	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	63160	5.462	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	226421	60.506	ug/L	99
42) Toluene	7.384	91	211357	5.730	ug/L	97
44) trans-1,3-Dichloropropene	7.648	75	55471	5.549	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	32993	5.725	ug/L	99
47) Tetrachloroethene	7.972	164	45864	5.635	ug/L	98
48) 2-Hexanone	8.140	43	171571	63.231	ug/L	97
49) Dibromochloromethane	8.242	129	44199	5.637	ug/L	97
50) 1,2-Dibromoethane	8.349	107	31194	5.830	ug/L #	95
51) Chlorobenzene	8.879	112	139302	5.650	ug/L	99
52) Ethylbenzene	9.008	91	219458	5.639	ug/L	100
53) m,p-xylene	9.136	106	87981	5.716	ug/L	96
54) o-xylene	9.541	106	83728	5.625	ug/L	99
55) Styrene	9.558	104	149219	6.022	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	33787	5.354	ug/L	99
59) Bromoform	9.728	173	24124	5.224	ug/L	99
60) Isopropylbenzene	9.931	105	231202	5.472	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	26269	5.359	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	190698	5.441	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	194677	5.576	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	119113	5.513	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	118407	5.456	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108525	5.482	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5569	5.202	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	94295	5.306	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	72085	5.165	ug/L	99
71) Naphthalene	13.499	128	100674	5.018	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	64959	5.272	ug/L	100

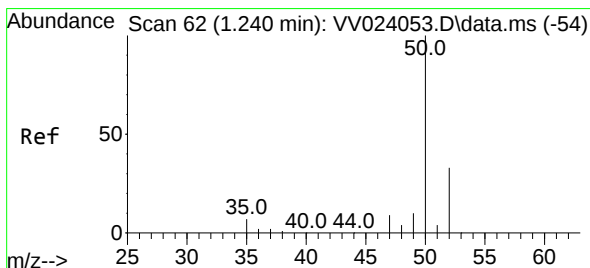
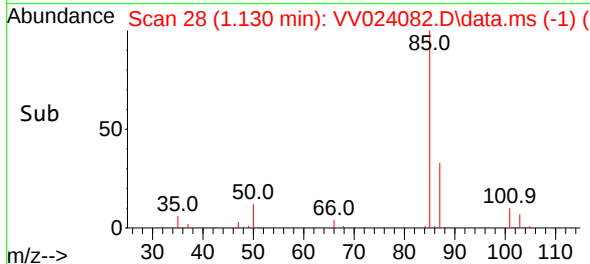
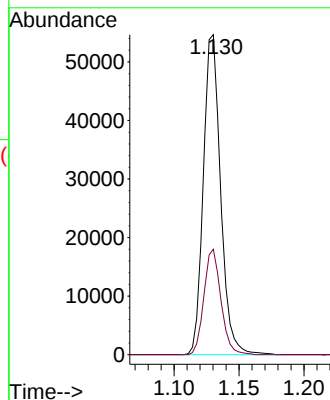
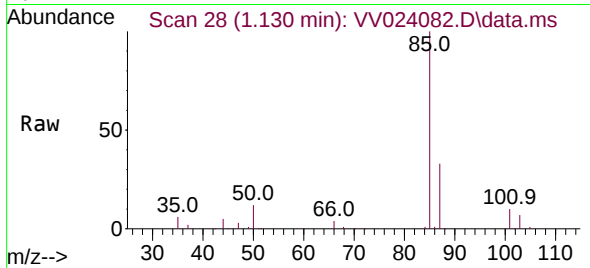
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#2
 Dichlorodifluoromethane
 Concen: 5.238 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

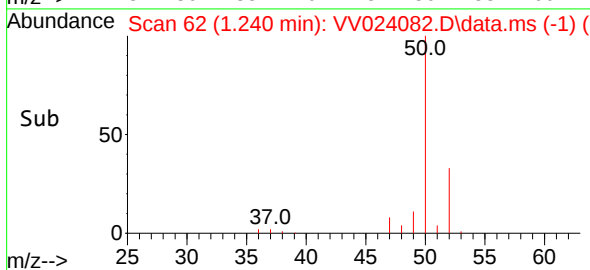
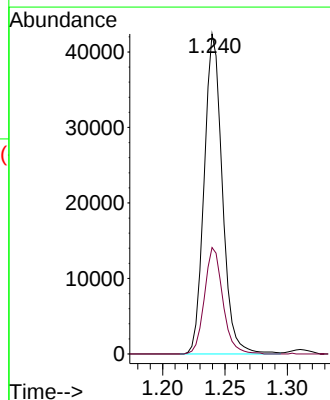
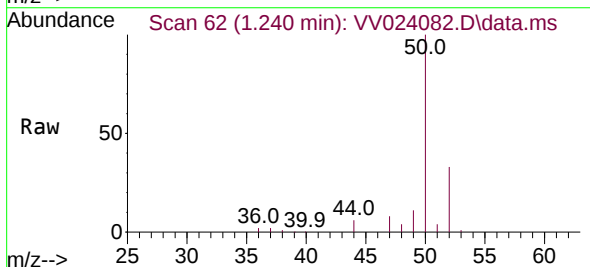
Instrument :
 MSVOA_V
 ClientSampleId :

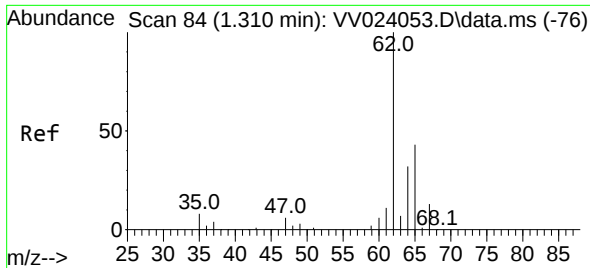
Tgt Ion: 85 Resp: 50674
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 5.196 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

Tgt Ion: 50 Resp: 42948
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0

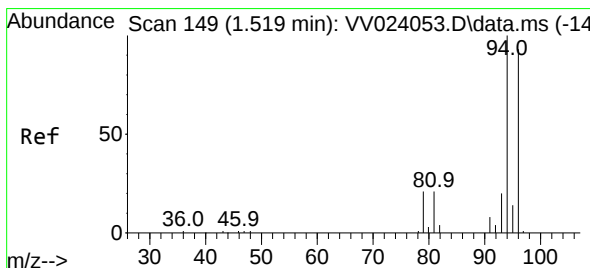
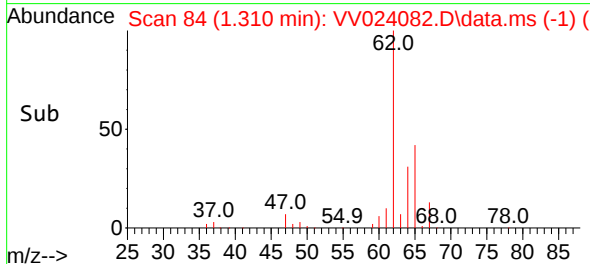
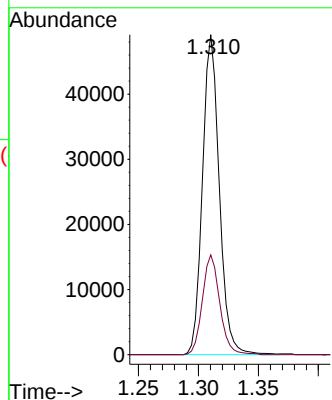
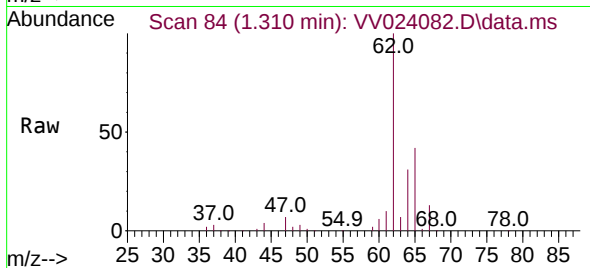




#5
 Vinyl chloride
 Concen: 5.366 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

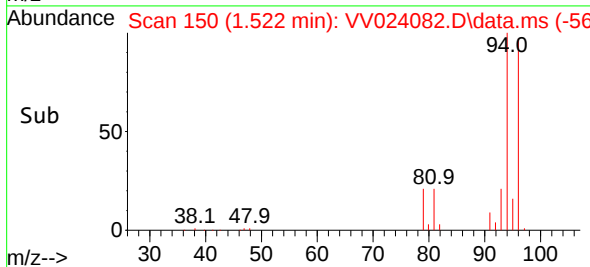
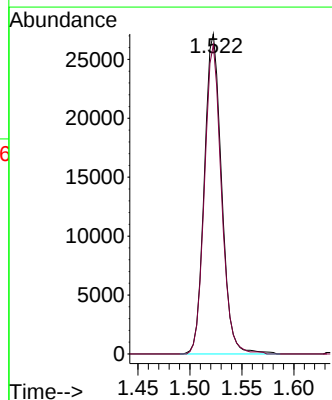
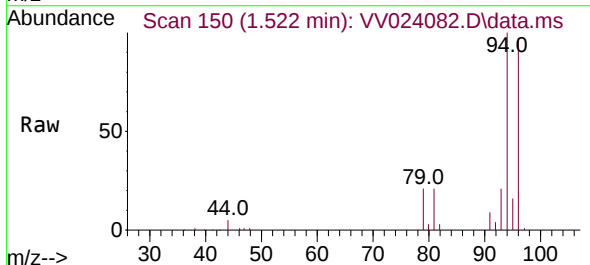
Instrument :
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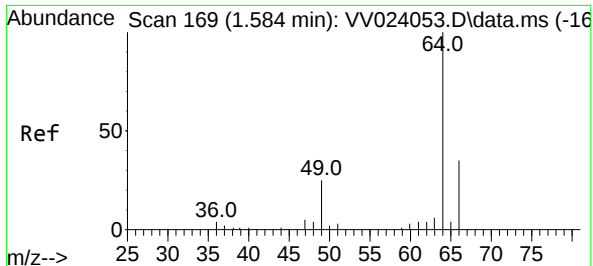
Tgt Ion: 62 Resp: 48108
 Ion Ratio Lower Upper
 62 100
 64 31.2 22.4 41.6



#6
 Bromomethane
 Concen: 5.501 ug/L
 RT: 1.522 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

Tgt Ion: 94 Resp: 31340
 Ion Ratio Lower Upper
 94 100
 96 96.6 66.2 123.0

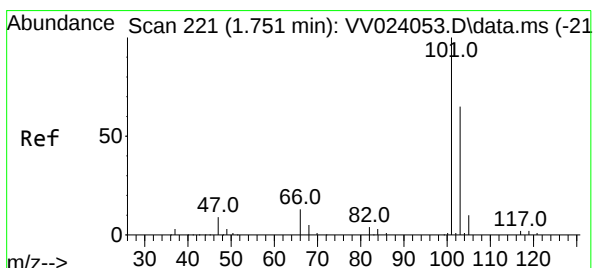
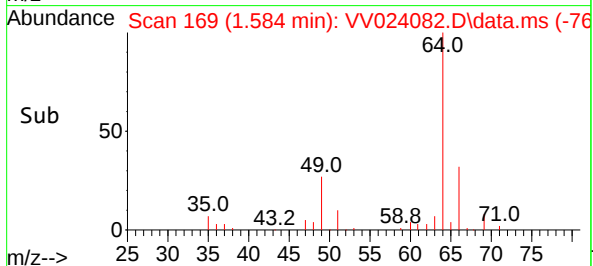
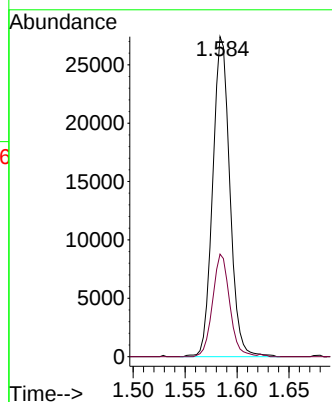
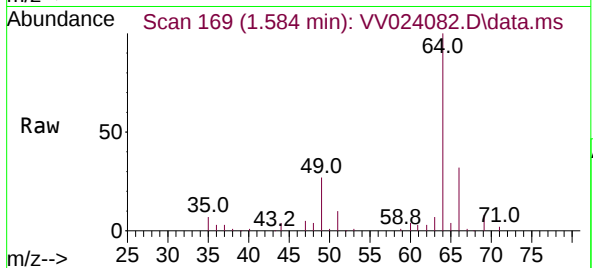




#8
Chloroethane
Concen: 5.382 ug/L
RT: 1.584 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

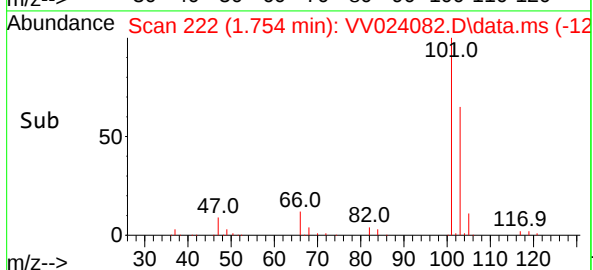
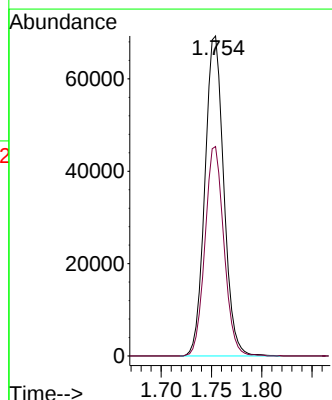
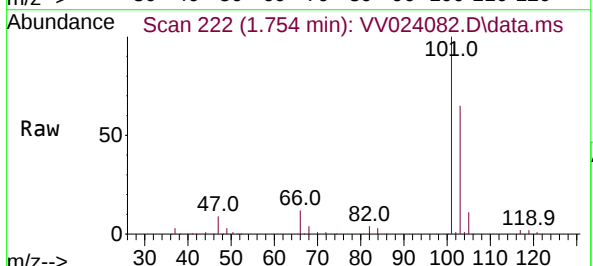
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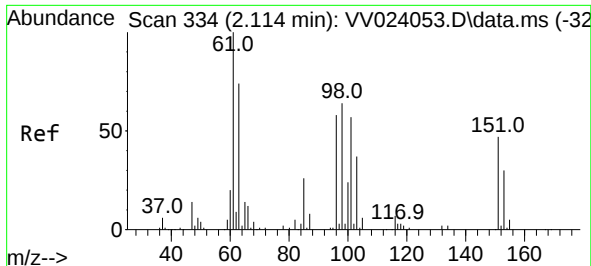
Tgt Ion: 64 Resp: 31399
Ion Ratio Lower Upper
64 100
66 32.1 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.798 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion:101 Resp: 90322
Ion Ratio Lower Upper
101 100
103 65.8 51.6 77.4

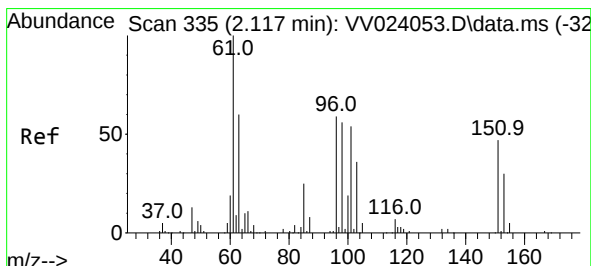
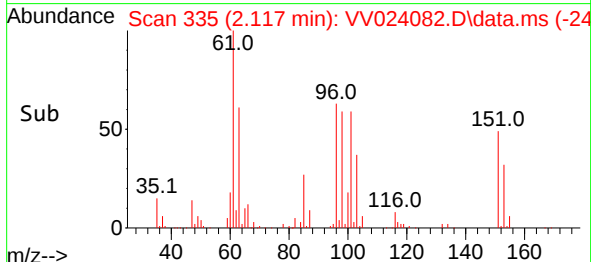
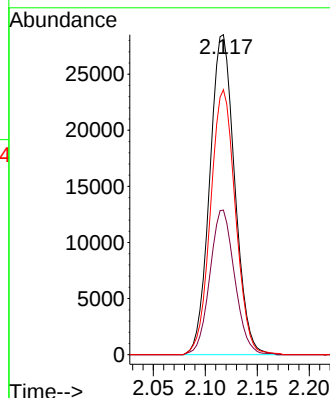
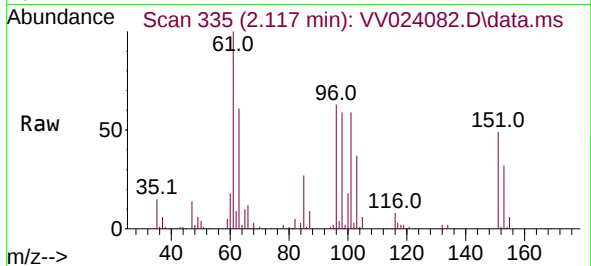




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.807 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

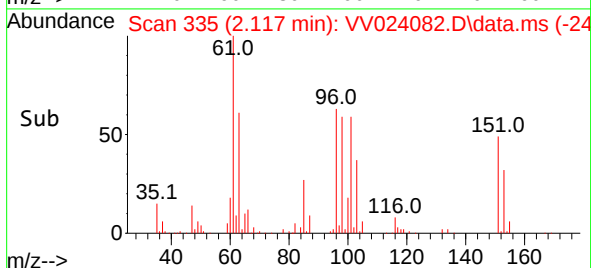
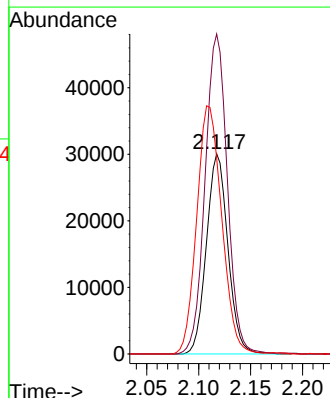
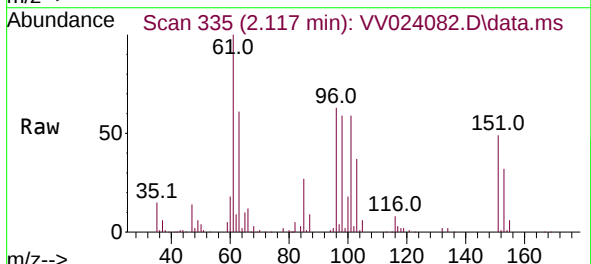
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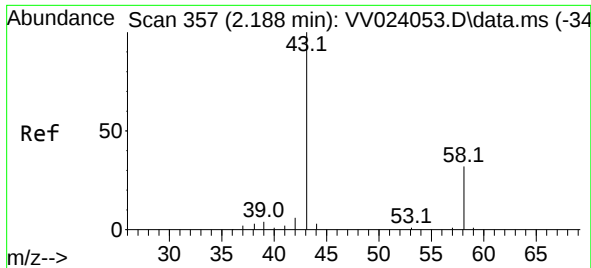
Tgt Ion:101 Resp: 47650
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.0 54.0
 151 82.6 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.793 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

Tgt Ion: 96 Resp: 43203
 Ion Ratio Lower Upper
 96 100
 61 159.8 116.1 215.5
 63 97.8 79.4 147.4





#13

Acetone

Concen: 47.834 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.016 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

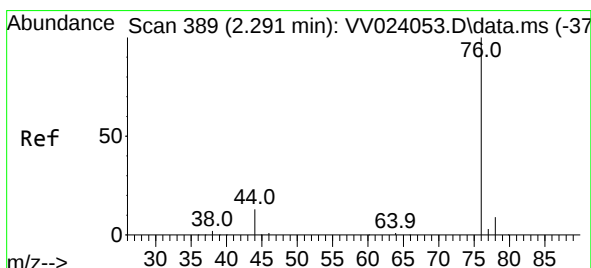
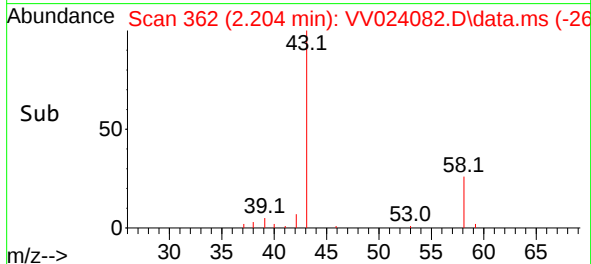
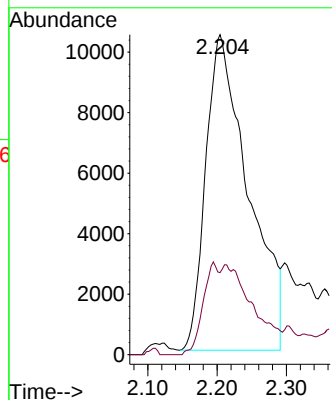
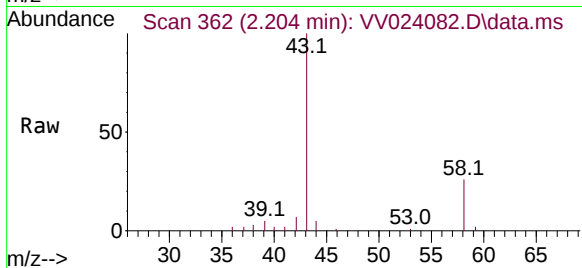
ClientSampleId :

Tgt Ion: 43 Resp: 44679

Ion Ratio Lower Upper

43 100

58 11.3 0.0 41.4



#14

Carbon disulfide

Concen: 4.963 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV024082.D

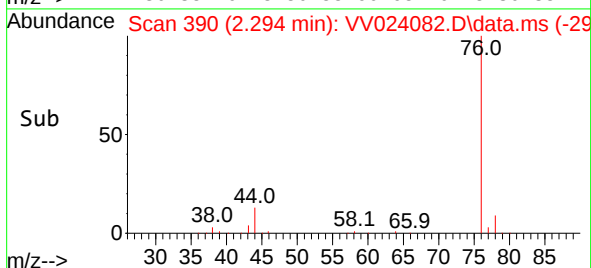
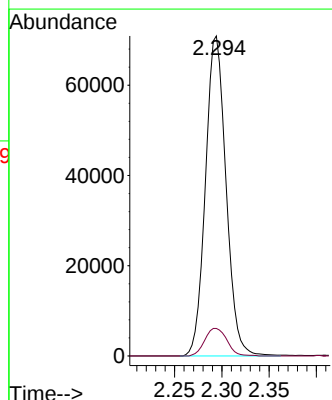
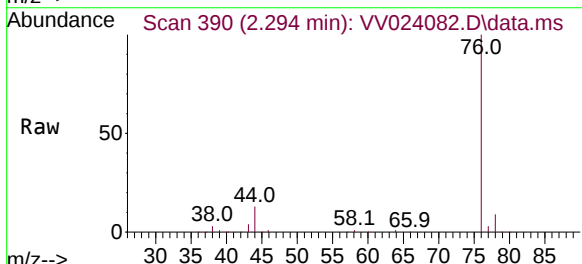
Acq: 19 Dec 2021 10:57

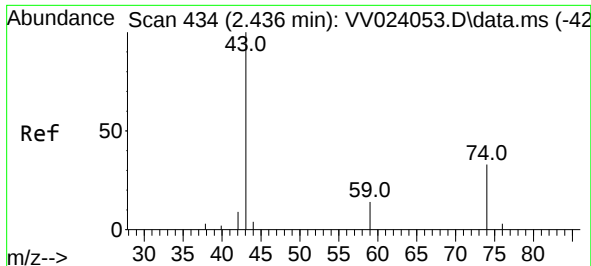
Tgt Ion: 76 Resp: 107355

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3

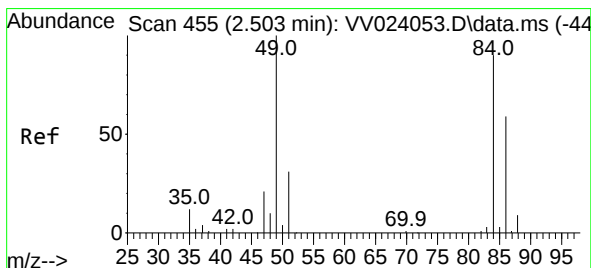
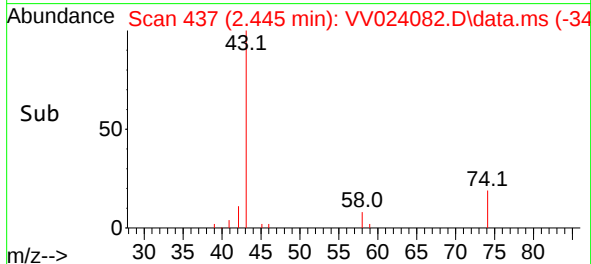
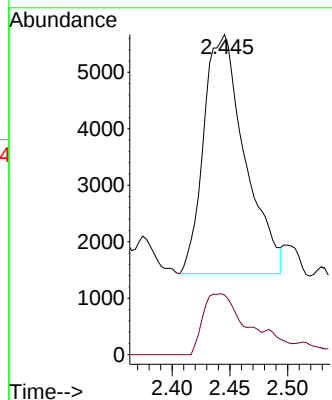
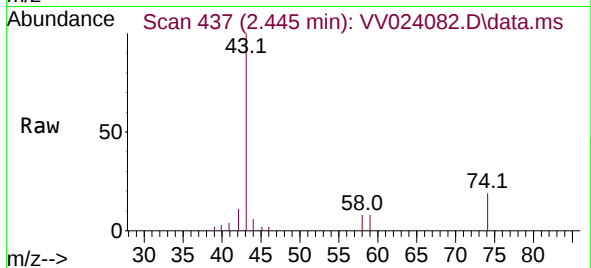




#15
Methyl Acetate
Concen: 4.625 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

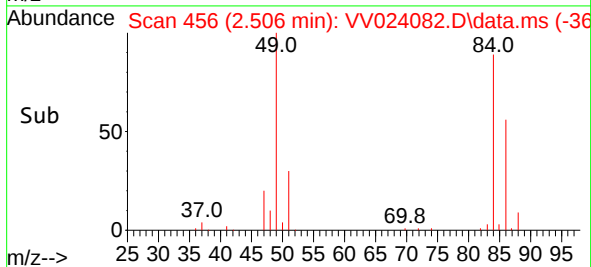
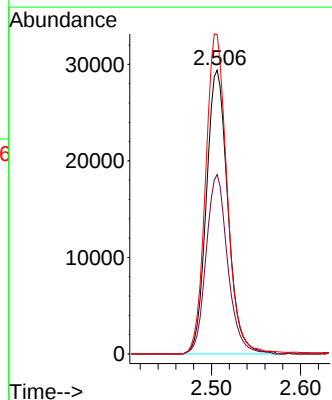
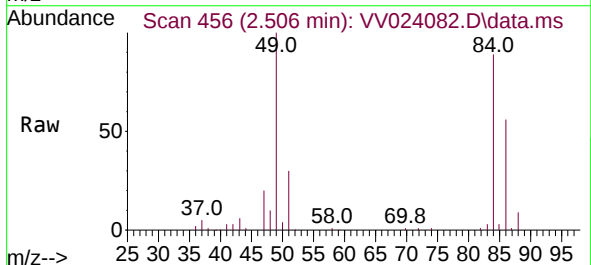
Instrument :
MSVOA_V
ClientSampleId :

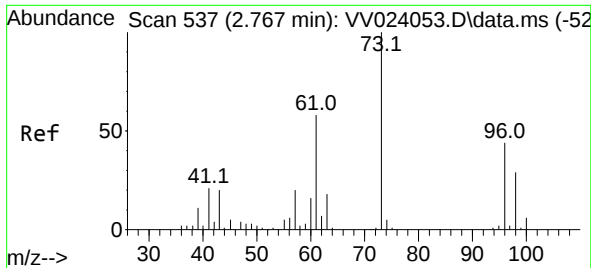
Tgt Ion: 43 Resp: 10471
Ion Ratio Lower Upper
43 100
74 24.6 20.2 30.2



#16
Methylene chloride
Concen: 5.051 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion: 84 Resp: 49279
Ion Ratio Lower Upper
84 100
86 63.2 42.6 79.0
49 112.6 79.7 147.9

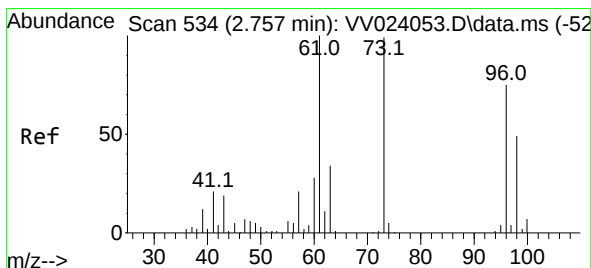
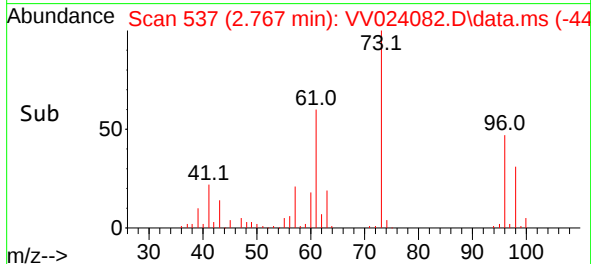
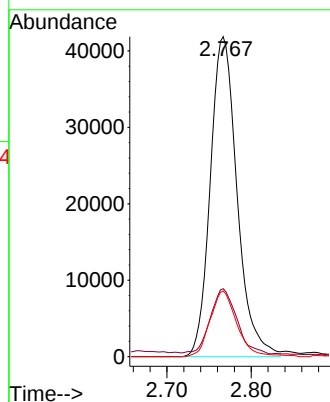
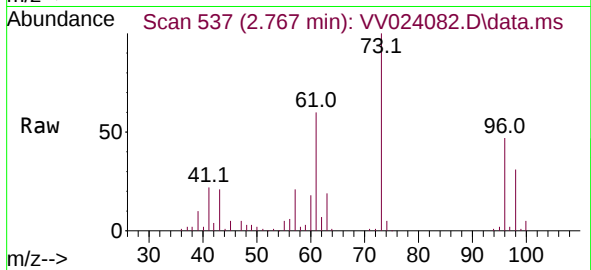




#17
Methyl tert-butyl Ether
Concen: 5.482 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

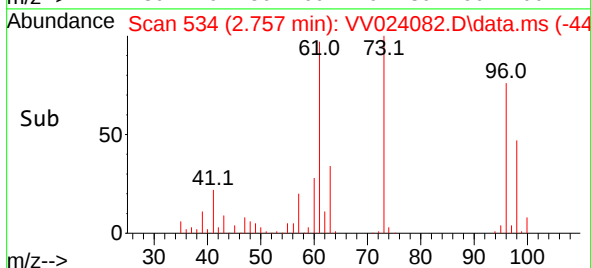
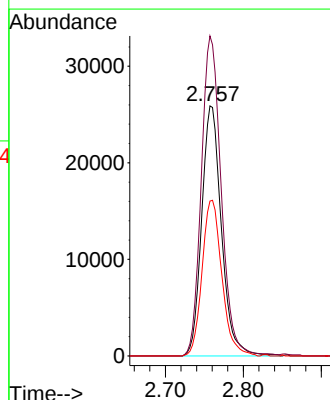
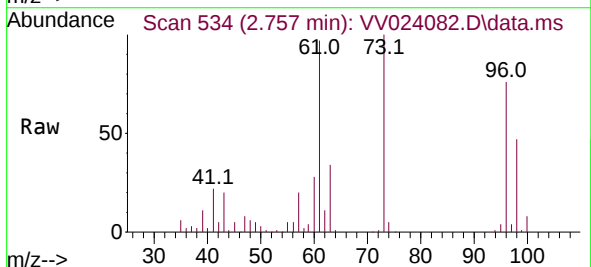
Instrument :
MSVOA_V
ClientSampleId :

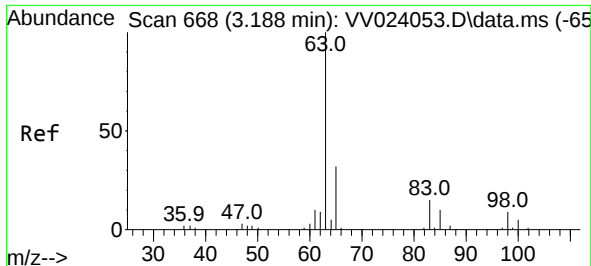
Tgt Ion: 73	Resp:	92455
Ion	Ratio	Lower Upper
73	100	
43	20.0	15.5 23.3
57	20.6	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.517 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion: 96	Resp:	45548
Ion	Ratio	Lower Upper
96	100	
61	127.9	88.2 163.8
98	61.9	44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.531 ug/L

RT: 3.185 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV024082.D

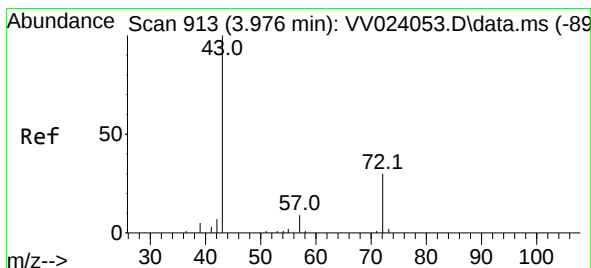
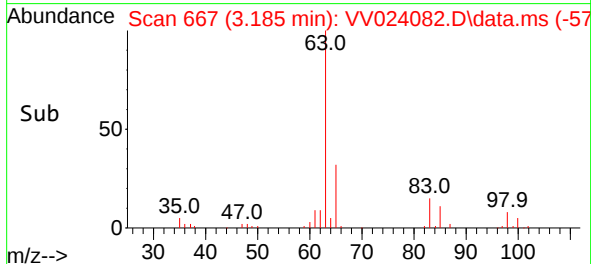
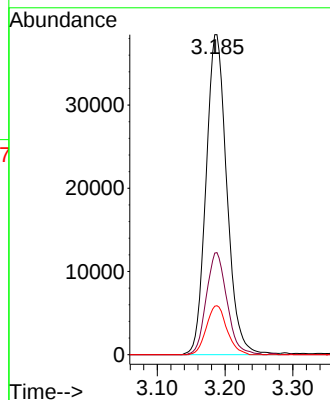
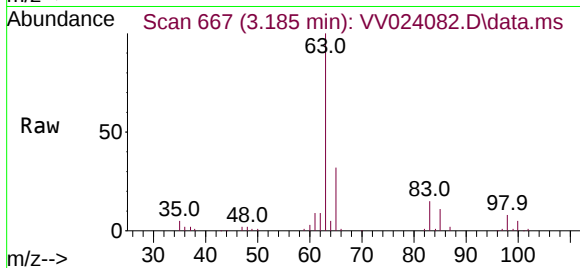
Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	81954
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.3	41.3
83	15.1	10.7	19.9



#21

2-Butanone

Concen: 47.906 ug/L

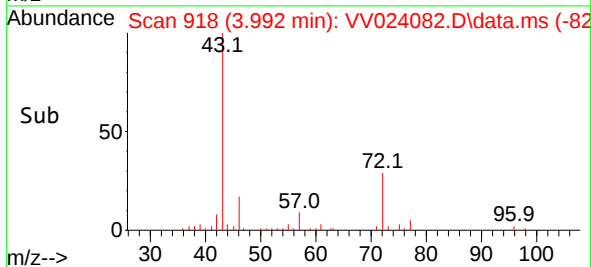
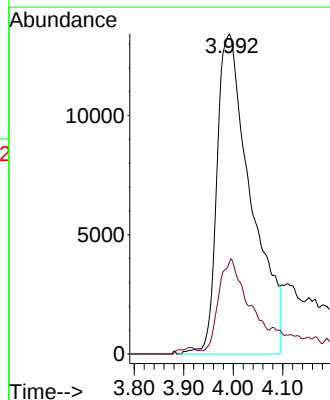
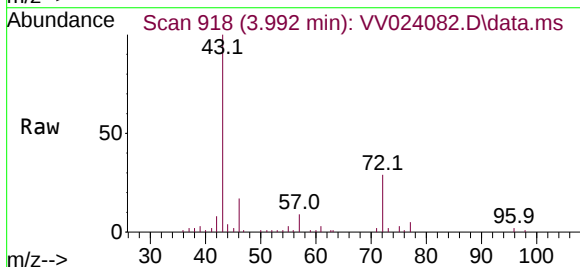
RT: 3.992 min Scan# 918

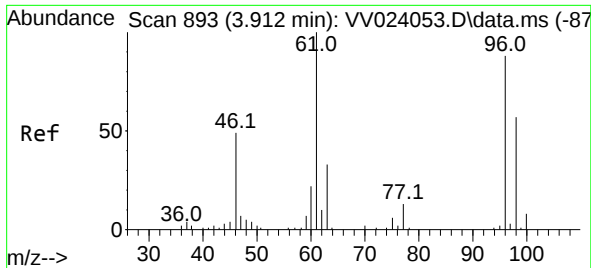
Delta R.T. 0.016 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

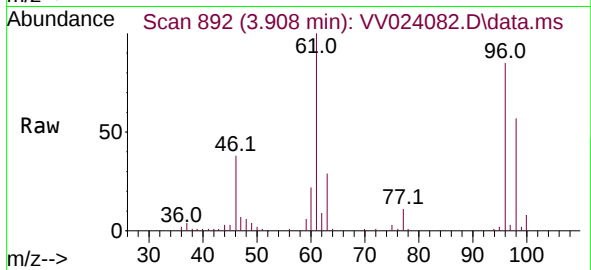
Tgt Ion:	43	Resp:	63934
Ion	Ratio	Lower	Upper
43	100		
72	24.8	11.1	33.1



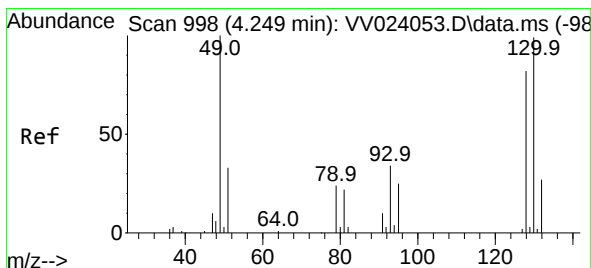
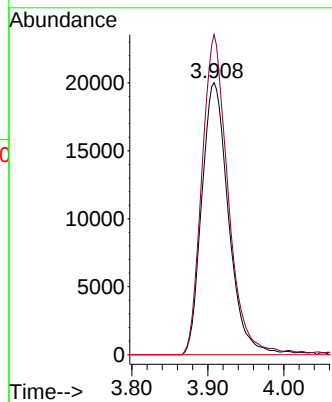
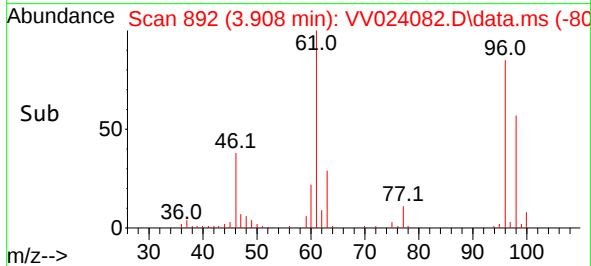


#22
 cis-1,2-Dichloroethene
 Concen: 5.569 ug/L
 RT: 3.908 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

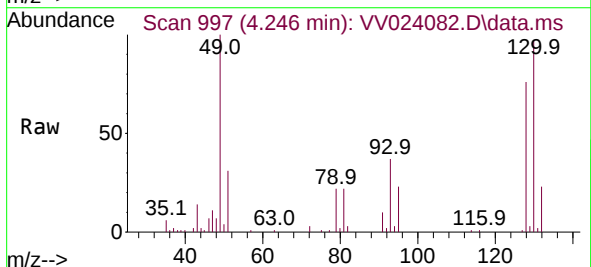
Instrument :
 MSVOA_V
 ClientSampleId :



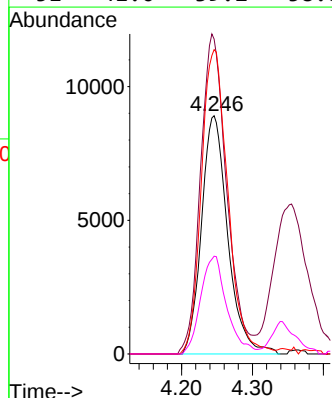
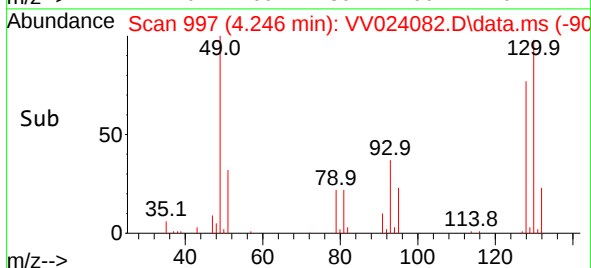
Tgt Ion: 96 Resp: 48670
 Ion Ratio Lower Upper
 96 100
 61 117.6 83.4 154.8
 68 0.0 0.0 0.0

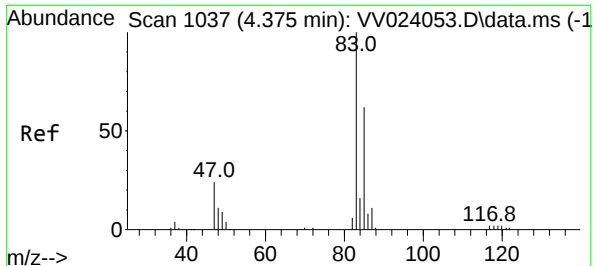


#23
 Bromochloromethane
 Concen: 5.757 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57



Tgt Ion: 128 Resp: 22861
 Ion Ratio Lower Upper
 128 100
 49 132.2 100.2 186.2
 130 127.8 92.5 171.7
 51 41.0 39.2 58.8





#25

Chloroform

Concen: 5.633 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

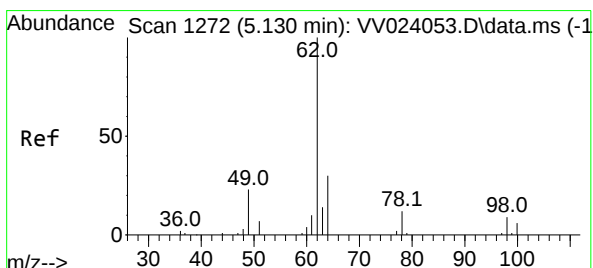
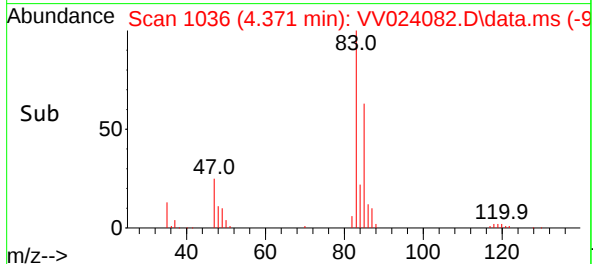
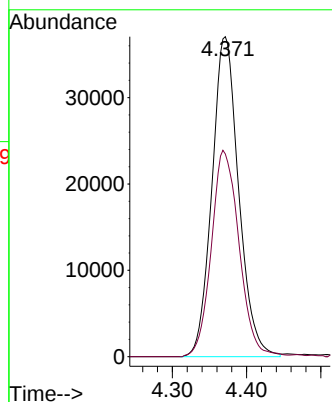
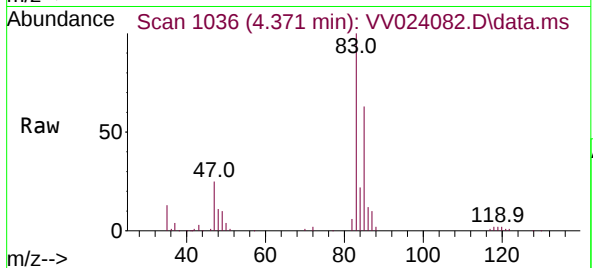
ClientSampleId :

Tgt Ion: 83 Resp: 92786

Ion Ratio Lower Upper

83 100

85 63.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.851 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV024082.D

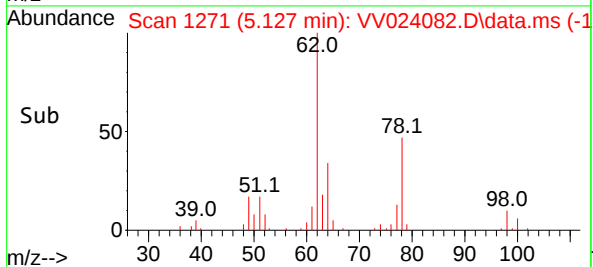
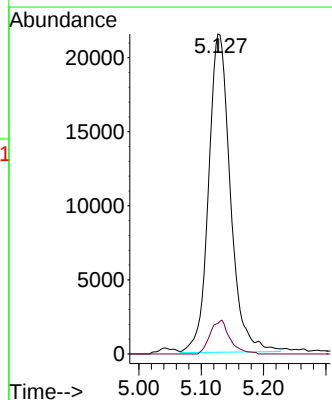
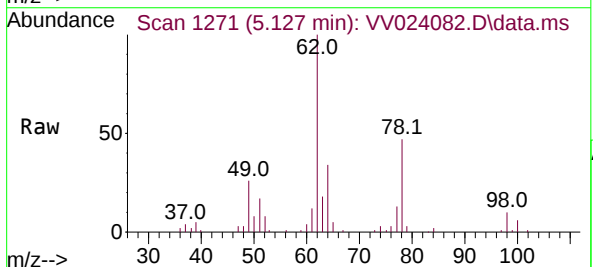
Acq: 19 Dec 2021 10:57

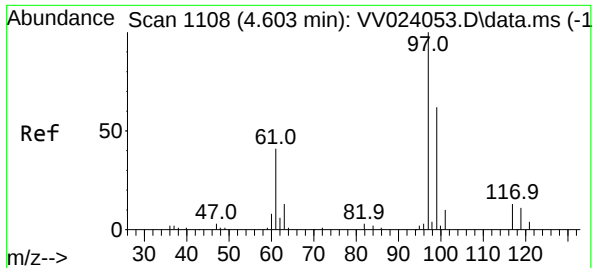
Tgt Ion: 62 Resp: 52214

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.864 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

ClientSampleId :

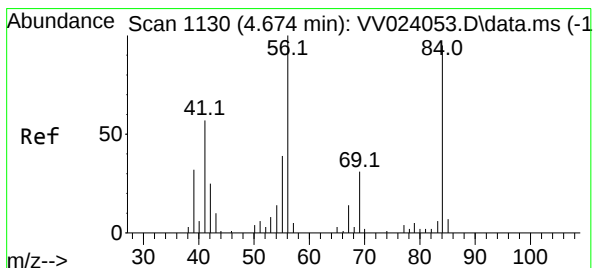
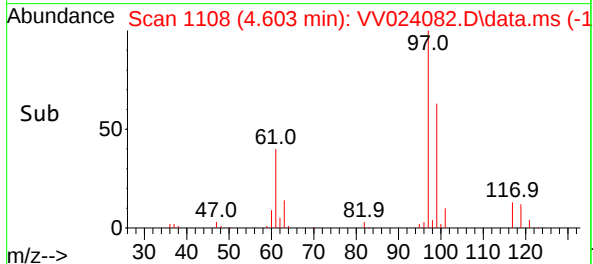
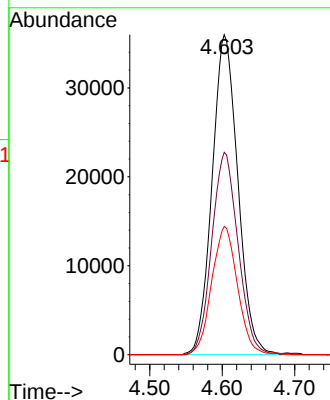
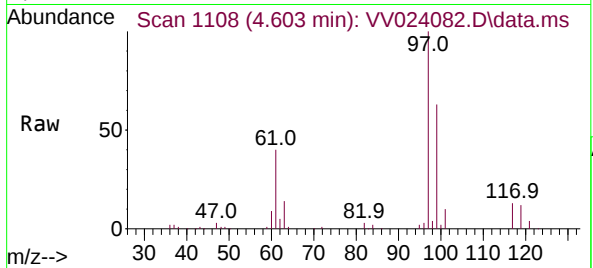
Tgt Ion: 97 Resp: 88884

Ion Ratio Lower Upper

97 100

99 64.5 51.9 77.9

61 40.0 33.2 49.8



#30

Cyclohexane

Concen: 5.168 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

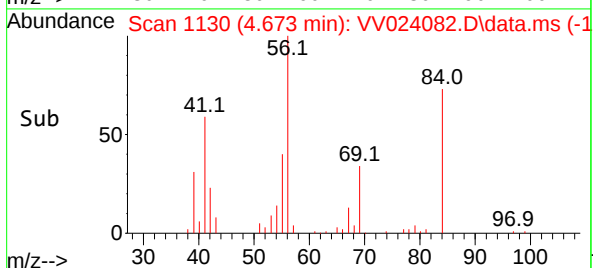
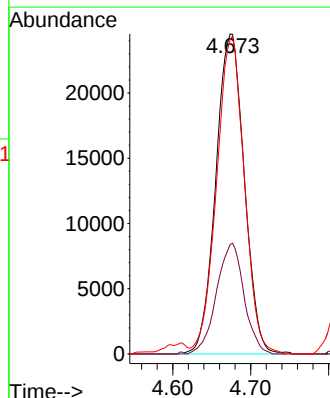
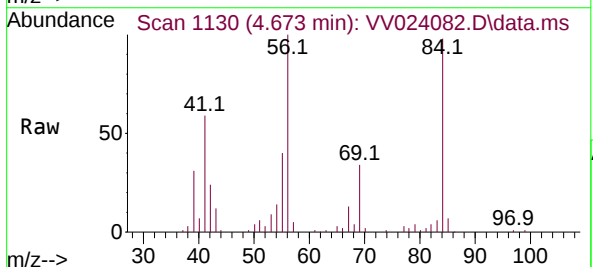
Tgt Ion: 56 Resp: 62135

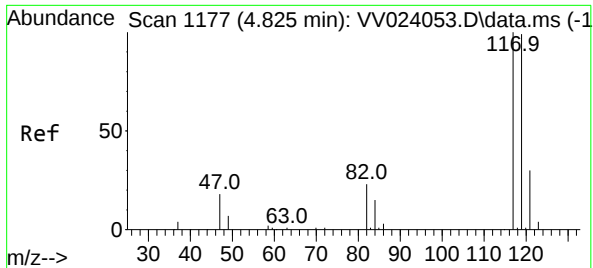
Ion Ratio Lower Upper

56 100

69 33.5 24.8 37.2

84 96.9 75.9 113.9

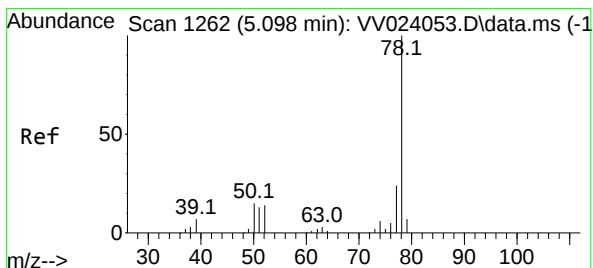
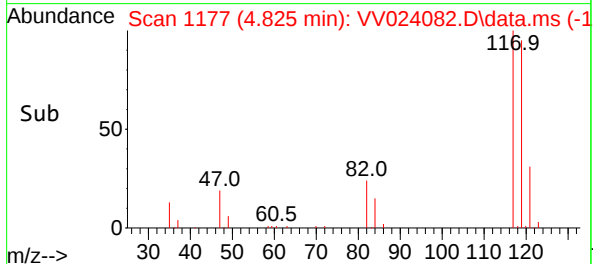
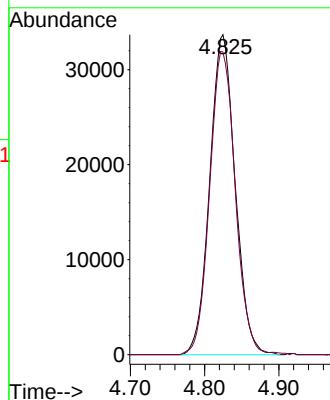
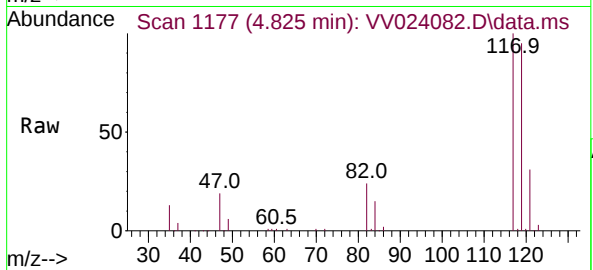




#31
Carbon tetrachloride
Concen: 5.614 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

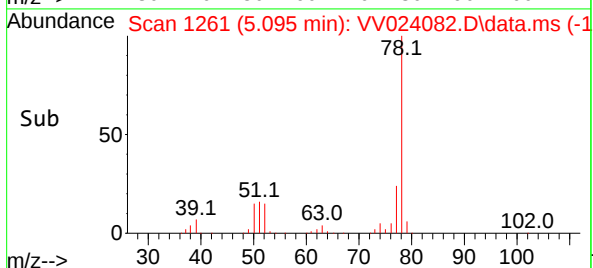
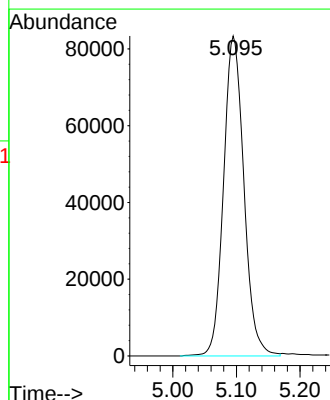
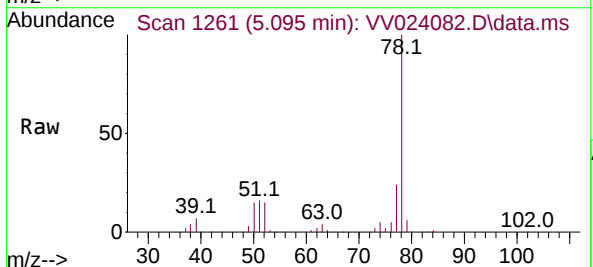
Instrument :
MSVOA_V
ClientSampleId :

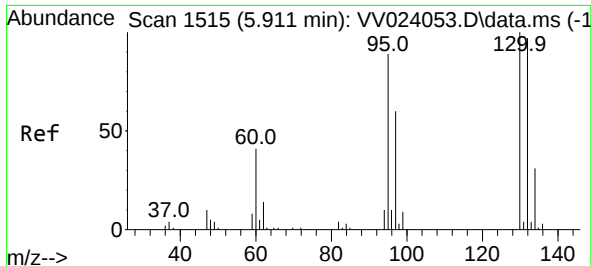
Tgt Ion:117 Resp: 79992
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 5.653 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

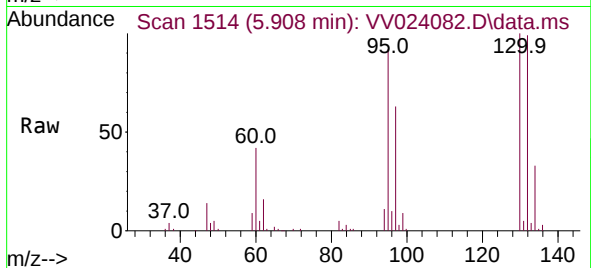
Tgt Ion: 78 Resp: 185274



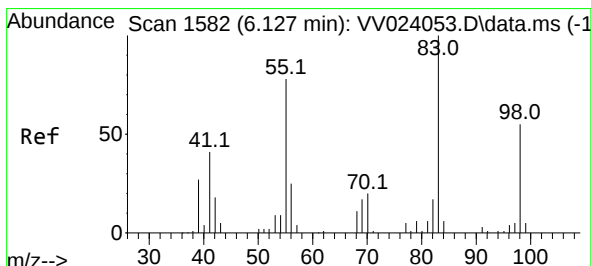
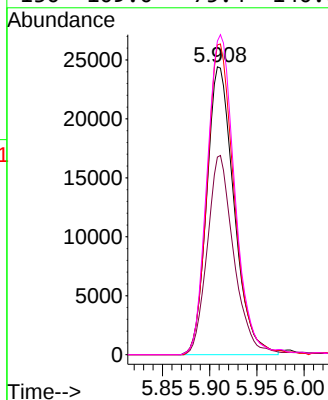
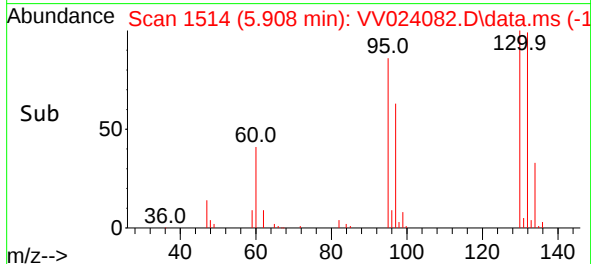


#34
Trichloroethene
Concen: 5.297 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

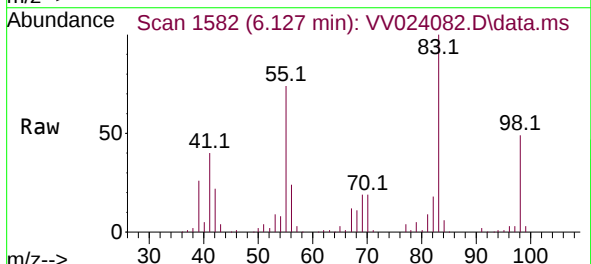
Instrument :
MSVOA_V
ClientSampleId :



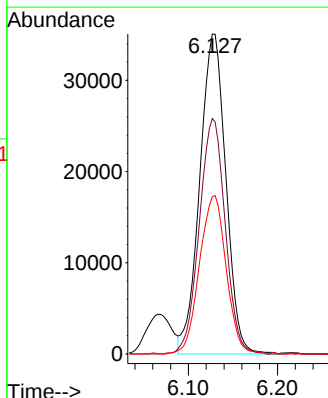
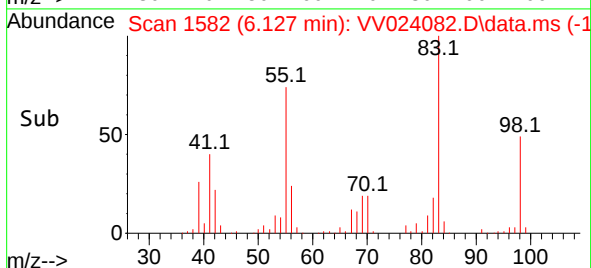
Tgt Ion: 95 Resp: 48970
Ion Ratio Lower Upper
95 100
97 68.7 45.2 84.0
132 107.6 76.1 141.3
130 109.0 75.4 140.0

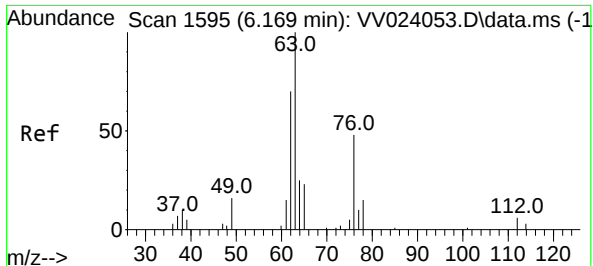


#35
Methylcyclohexane
Concen: 5.253 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57



Tgt Ion: 83 Resp: 71468
Ion Ratio Lower Upper
83 100
55 73.1 60.2 90.2
98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.421 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

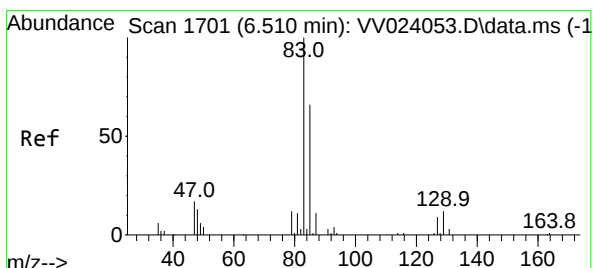
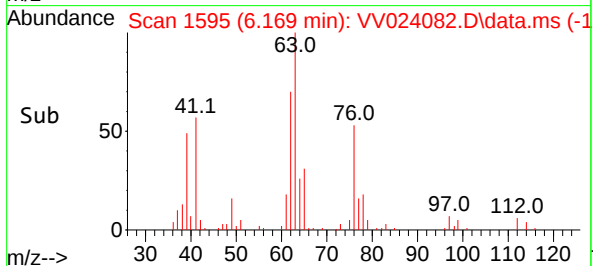
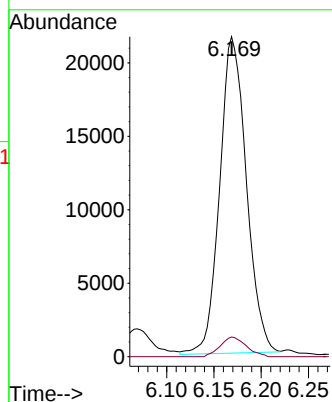
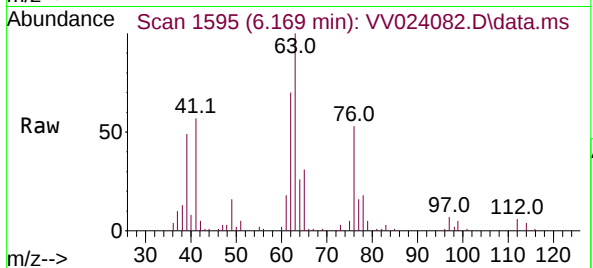
ClientSampleId :

Tgt Ion: 63 Resp: 42231

Ion Ratio Lower Upper

63 100

112 6.0 4.3 6.5



#38

Bromodichloromethane

Concen: 5.717 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

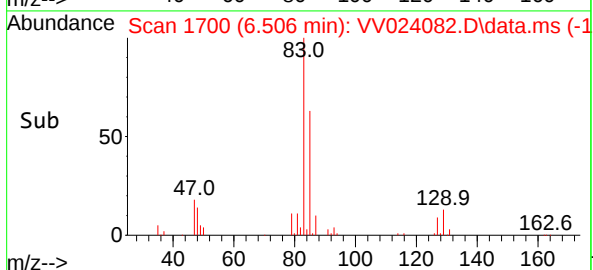
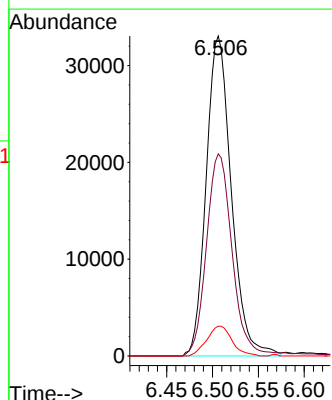
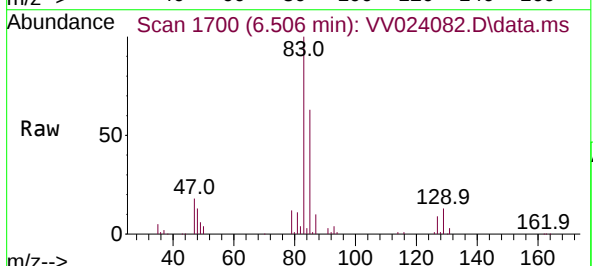
Tgt Ion: 83 Resp: 63091

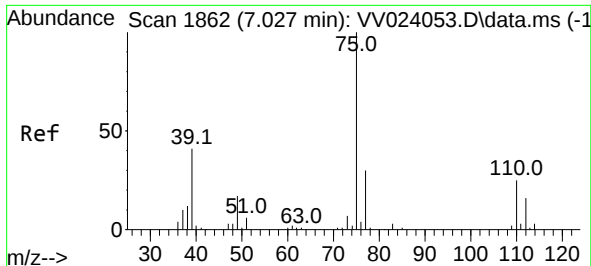
Ion Ratio Lower Upper

83 100

85 63.2 44.0 81.8

127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.462 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

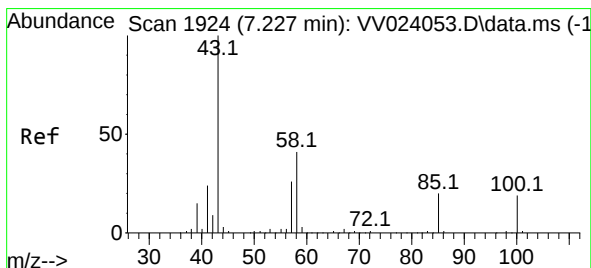
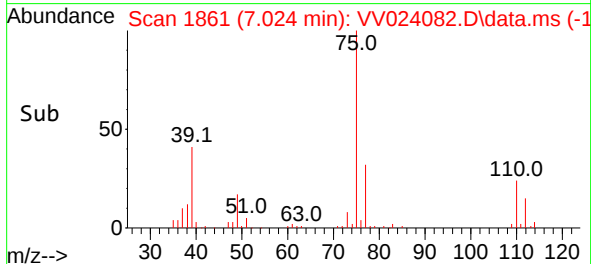
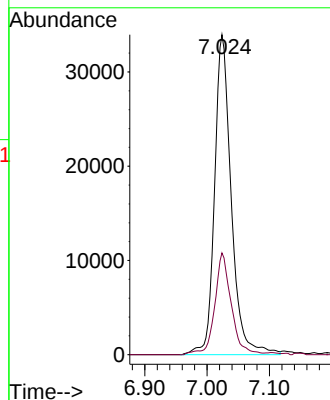
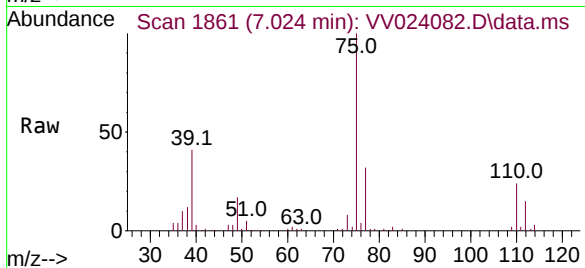
ClientSampleId :

Tgt Ion: 75 Resp: 63160

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 60.506 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

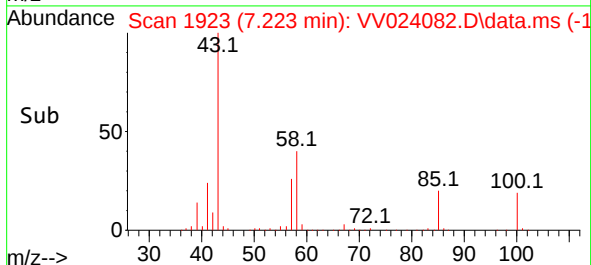
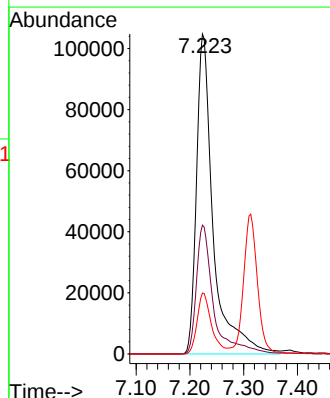
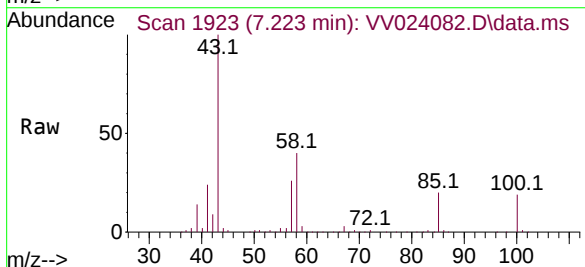
Tgt Ion: 43 Resp: 226421

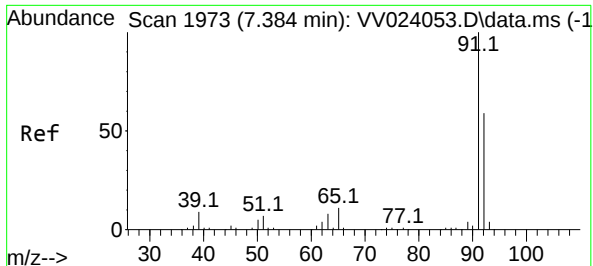
Ion Ratio Lower Upper

43 100

58 41.2 32.3 48.5

100 16.4 13.0 19.6

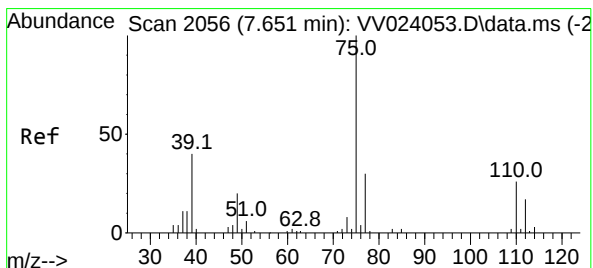
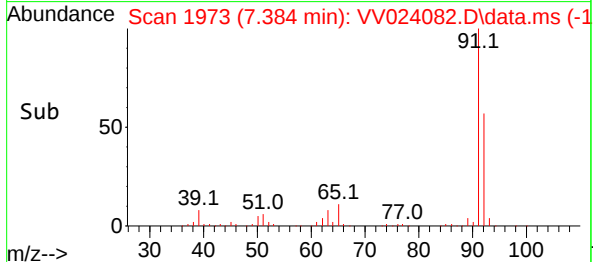
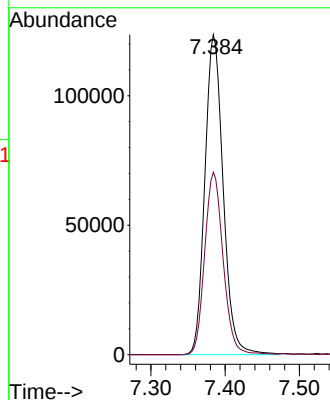
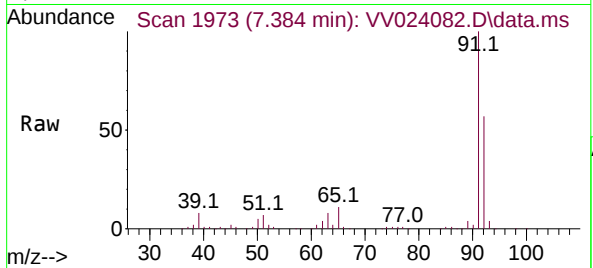




#42
Toluene
Concen: 5.730 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

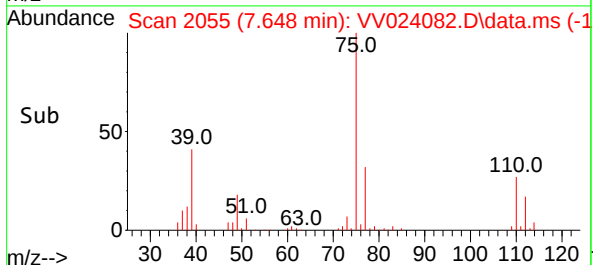
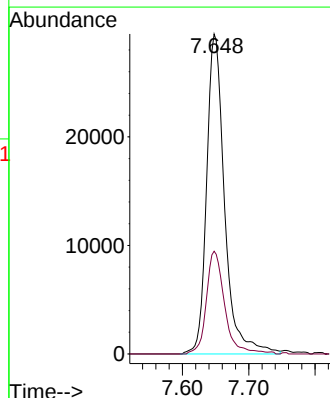
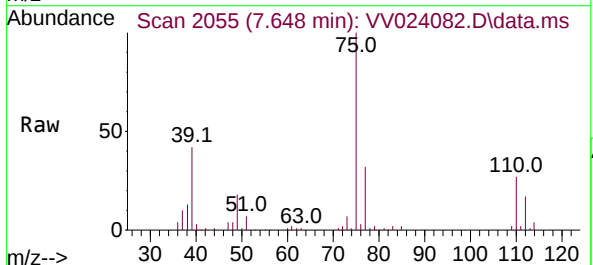
Instrument :
MSVOA_V
ClientSampleId :

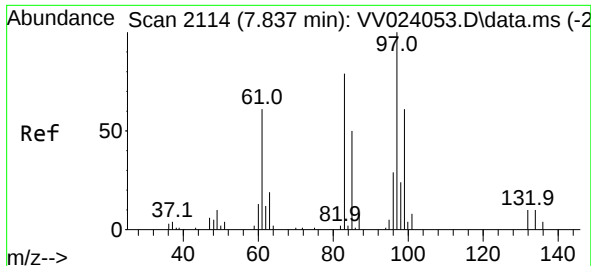
Tgt Ion: 91 Resp: 211357
Ion Ratio Lower Upper
91 100
92 57.0 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 5.549 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion: 75 Resp: 55471
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.4

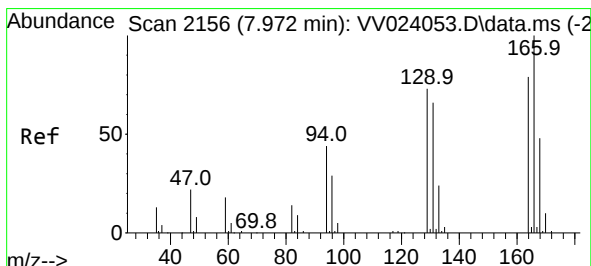
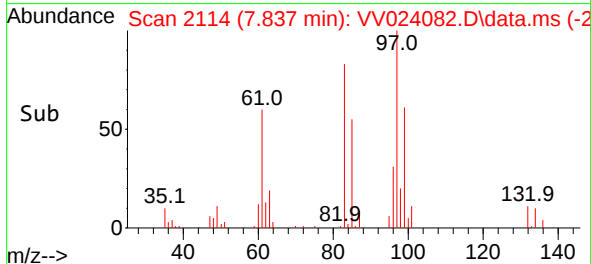
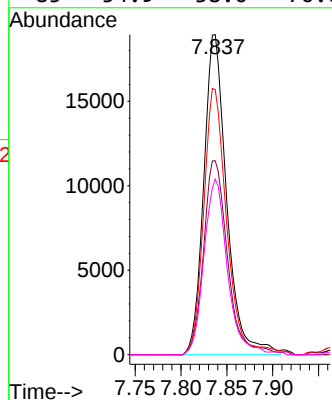
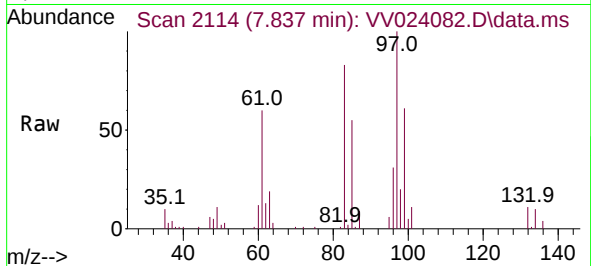




#45
 1,1,2-Trichloroethane
 Concen: 5.725 ug/L
 RT: 7.837 min Scan# 2114
 Delta R.T. -0.000 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

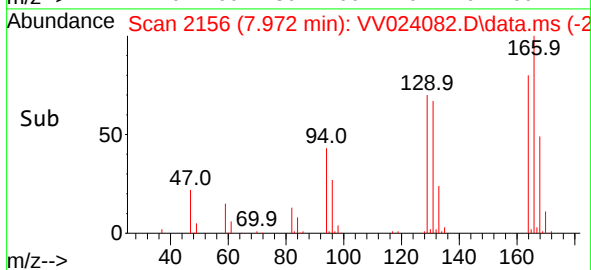
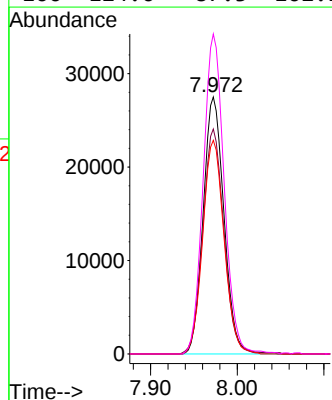
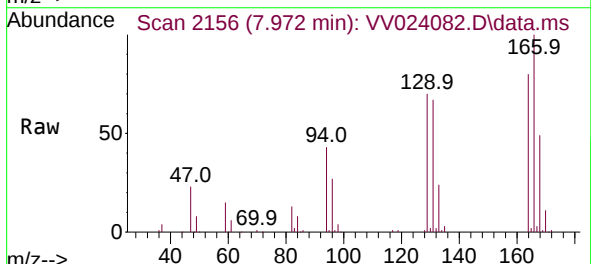
Instrument :
 MSVOA_V
 ClientSampleId :

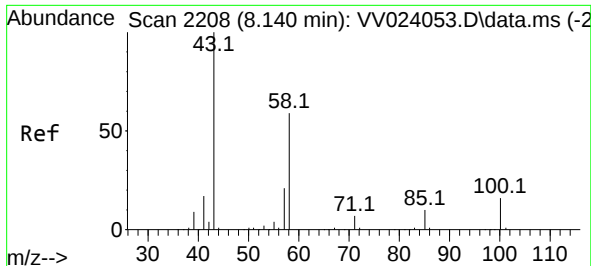
Tgt Ion: 97	Resp: 32993
Ion Ratio	Lower Upper
97 100	
99 60.6	43.1 80.1
83 82.9	57.9 107.5
85 54.9	38.0 70.6



#47
 Tetrachloroethene
 Concen: 5.635 ug/L
 RT: 7.972 min Scan# 2156
 Delta R.T. -0.000 min
 Lab File: VV024082.D
 Acq: 19 Dec 2021 10:57

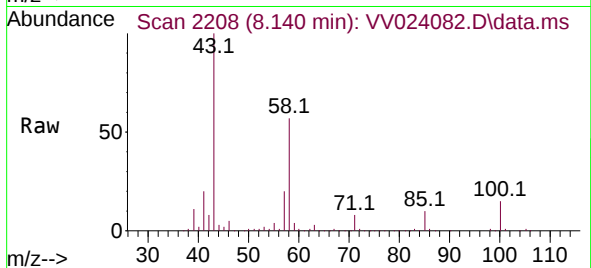
Tgt	Ion:164	Resp:	45864
Ion	Ratio	Lower	Upper
164	100		
129	87.6	62.6	116.2
131	83.2	61.0	113.4
166	124.6	87.3	162.1



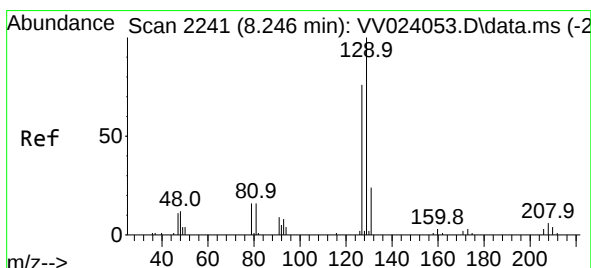
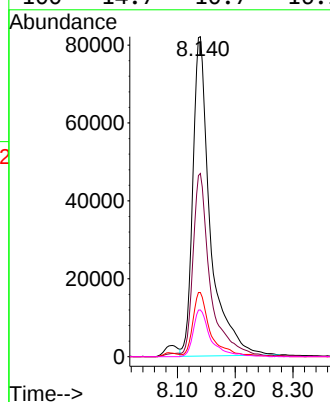
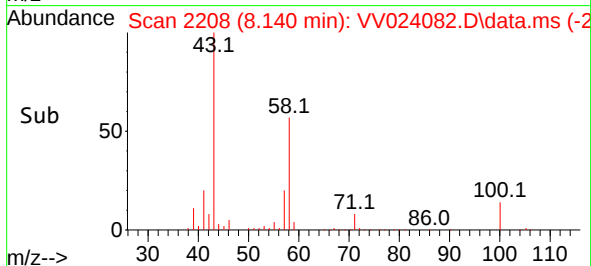


#48
2-Hexanone
Concen: 63.231 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :

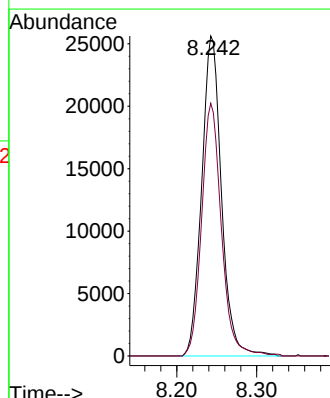
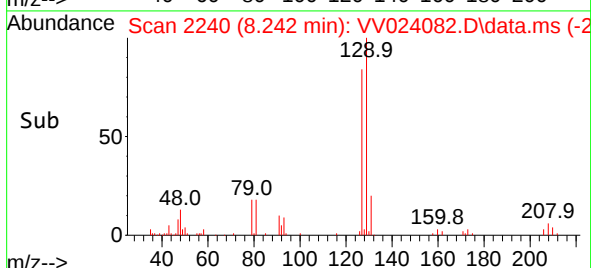
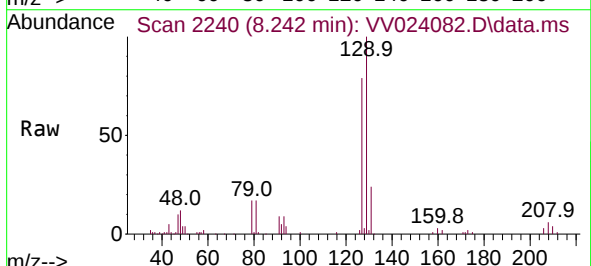


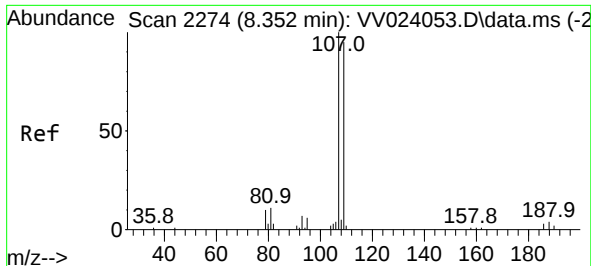
Tgt Ion: 43 Resp: 171571
Ion Ratio Lower Upper
43 100
58 57.8 44.5 66.7
57 18.6 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.637 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion: 129 Resp: 44199
Ion Ratio Lower Upper
129 100
127 79.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.830 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV024082.D

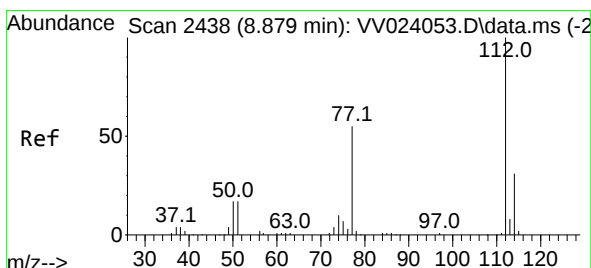
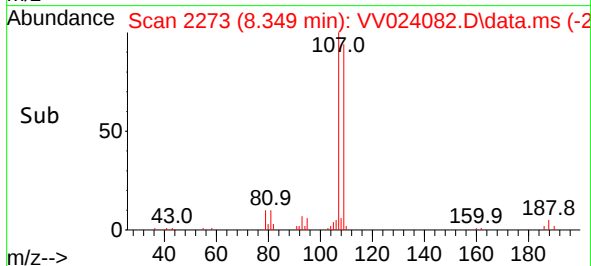
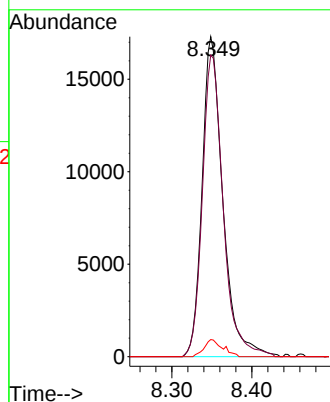
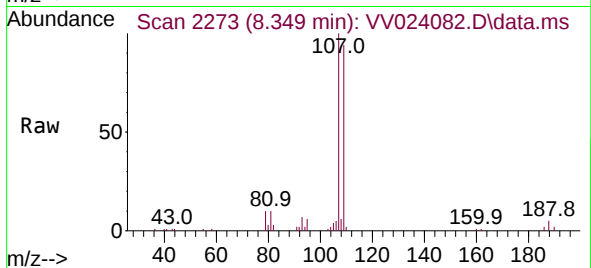
Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	31194
Ion Ratio	Lower	Upper
107	100	
109	94.2	62.5 116.1
188	5.3	3.4 5.2#



#51

Chlorobenzene

Concen: 5.650 ug/L

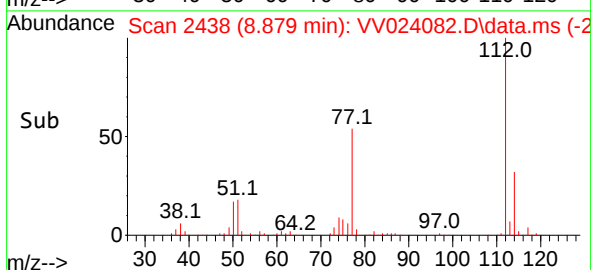
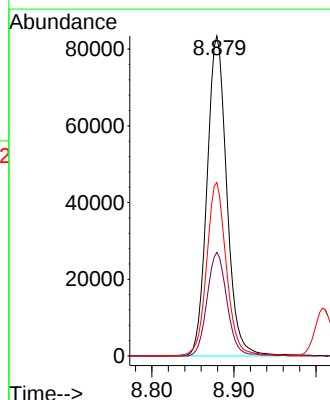
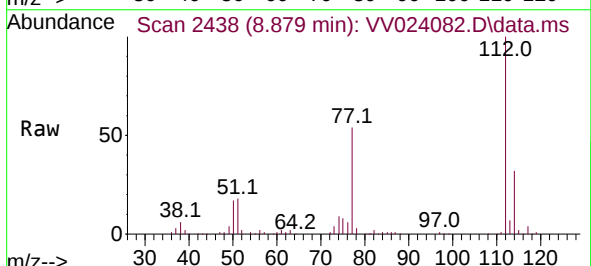
RT: 8.879 min Scan# 2438

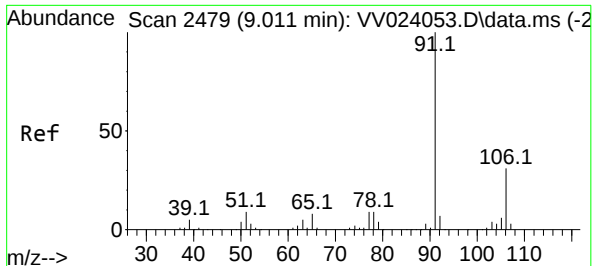
Delta R.T. -0.000 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Tgt Ion:112	Resp:	139302
Ion Ratio	Lower	Upper
112	100	
114	32.3	23.3 43.3
77	54.2	43.3 64.9

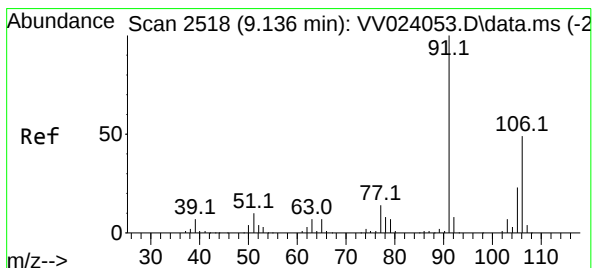
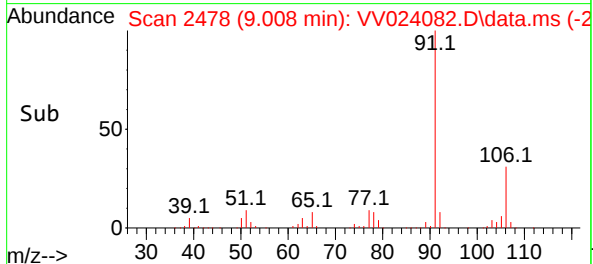
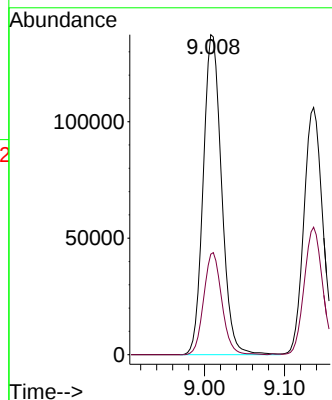
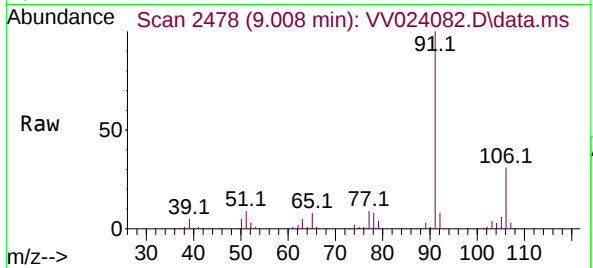




#52
Ethylbenzene
Concen: 5.639 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

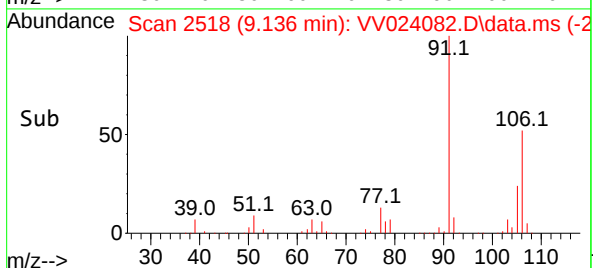
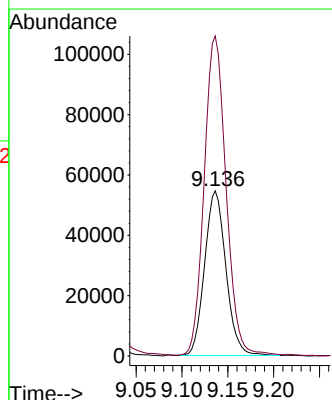
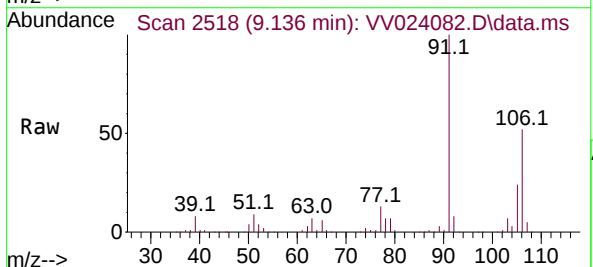
Instrument :
MSVOA_V
ClientSampleId :

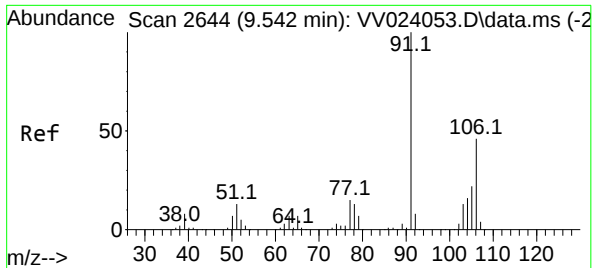
Tgt Ion: 91 Resp: 219458
Ion Ratio Lower Upper
91 100
106 31.4 22.0 41.0



#53
m,p-xylene
Concen: 5.716 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion:106 Resp: 87981
Ion Ratio Lower Upper
106 100
91 193.8 139.5 259.1

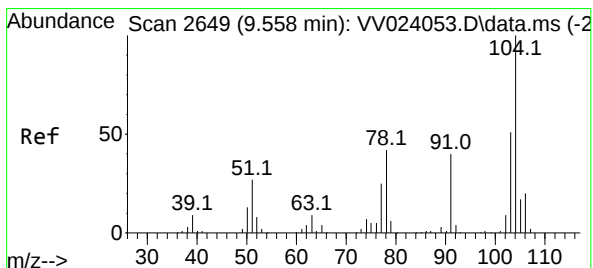
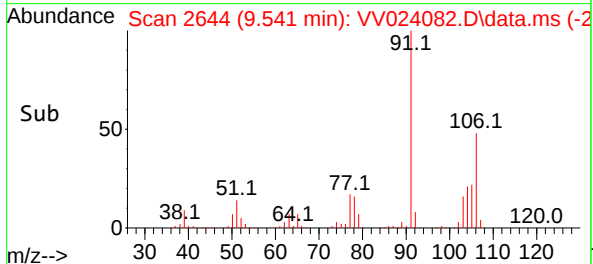
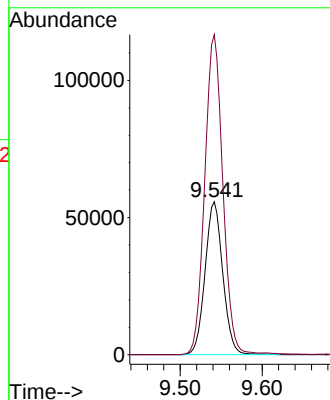
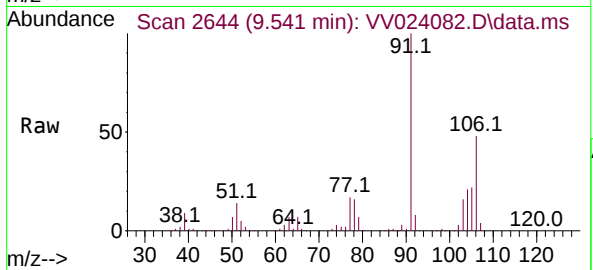




#54
o-xylene
Concen: 5.625 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

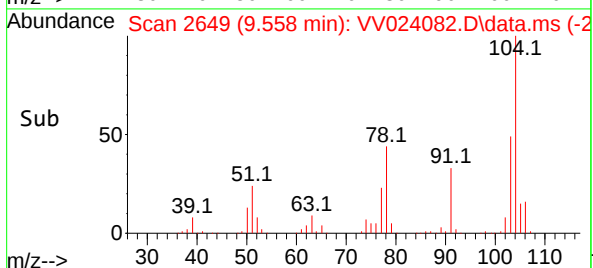
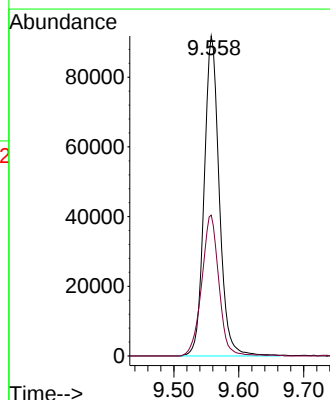
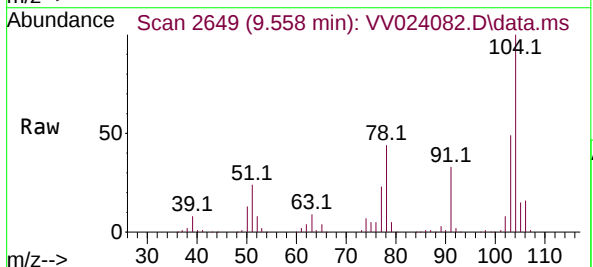
Instrument :
MSVOA_V
ClientSampleId :

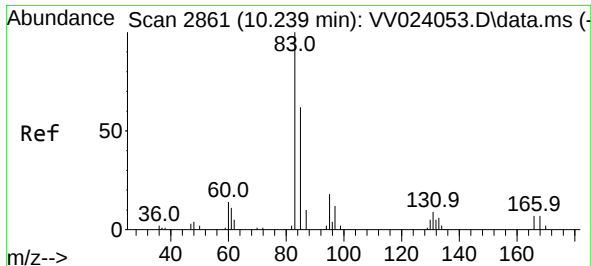
Tgt Ion:106 Resp: 83728
Ion Ratio Lower Upper
106 100
91 209.2 147.9 274.7



#55
Styrene
Concen: 6.022 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion:104 Resp: 149219
Ion Ratio Lower Upper
104 100
78 44.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.354 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

ClientSampleId :

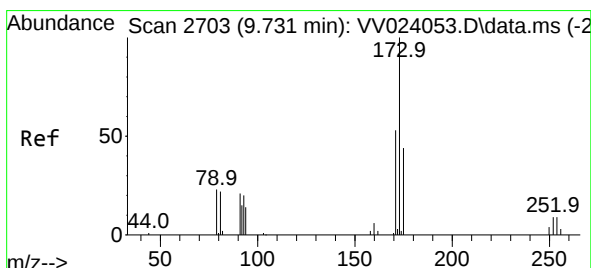
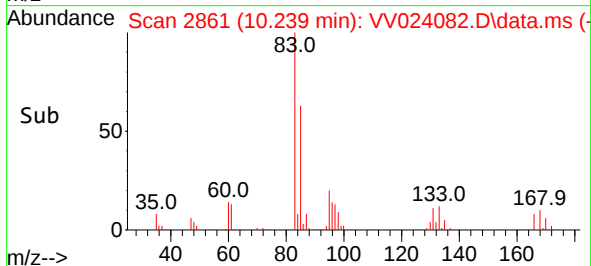
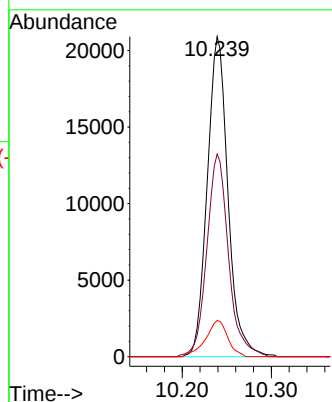
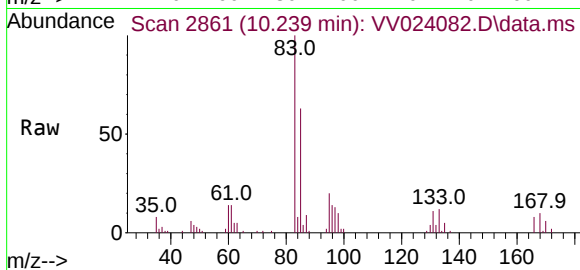
Tgt Ion: 83 Resp: 33787

Ion Ratio Lower Upper

83 100

85 63.3 44.6 82.8

131 11.3 8.3 12.5



#59

Bromoform

Concen: 5.224 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

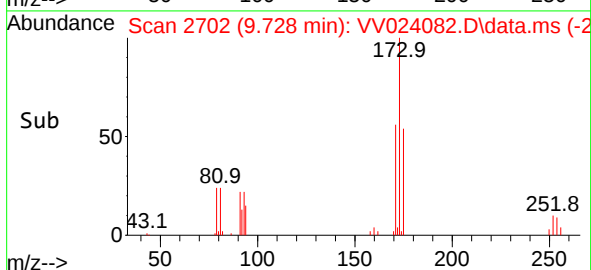
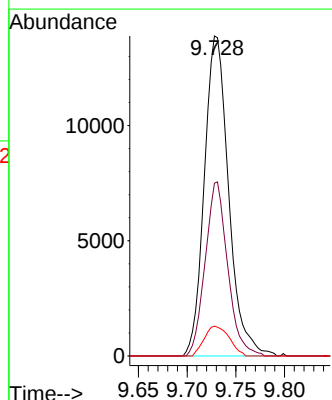
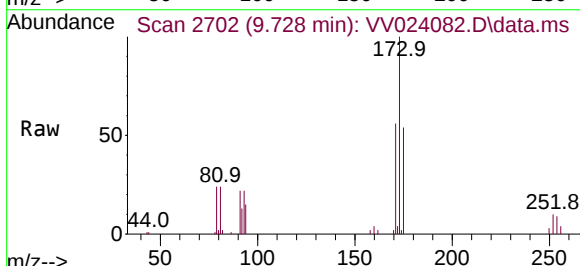
Tgt Ion: 173 Resp: 24124

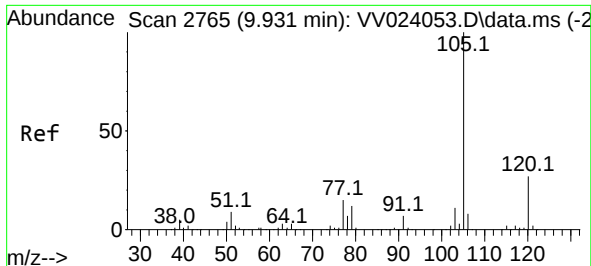
Ion Ratio Lower Upper

173 100

175 50.2 39.4 59.2

254 9.5 7.4 11.0

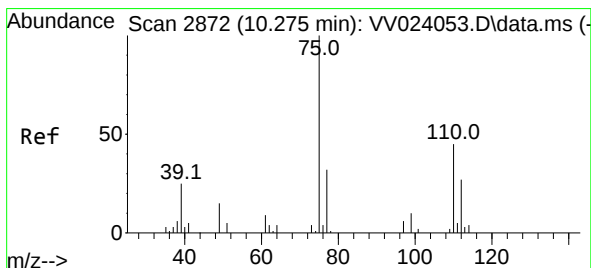
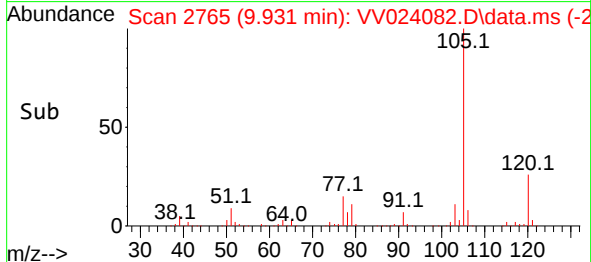
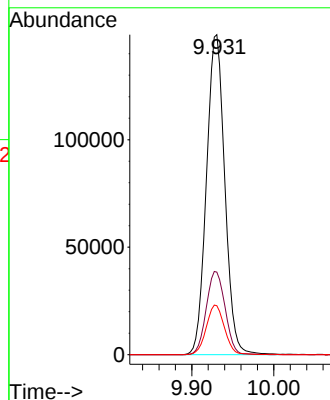
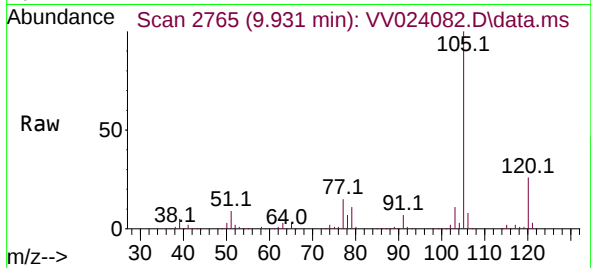




#60
Isopropylbenzene
Concen: 5.472 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

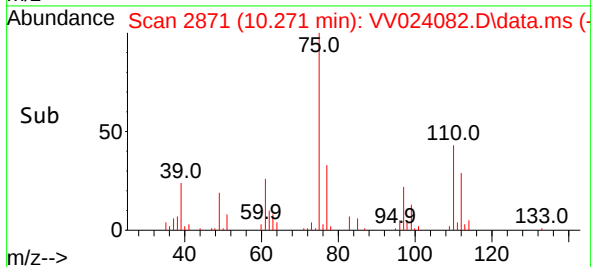
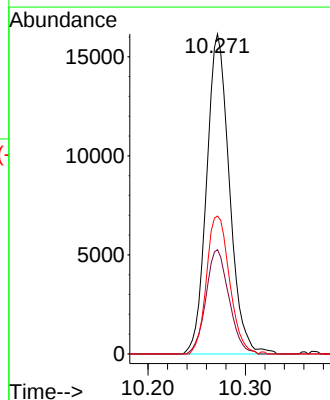
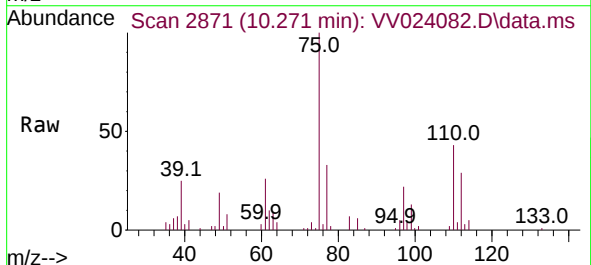
Instrument :
MSVOA_V
ClientSampleId :

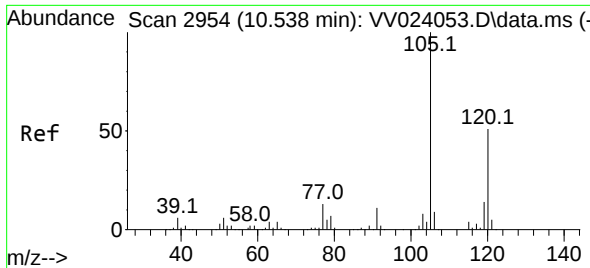
Tgt Ion:105 Resp: 231202
Ion Ratio Lower Upper
105 100
120 26.7 21.4 32.0
77 15.4 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.359 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion: 75 Resp: 26269
Ion Ratio Lower Upper
75 100
77 32.9 26.4 39.6
110 43.5 34.2 51.2

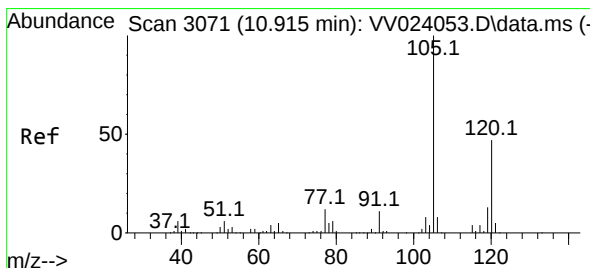
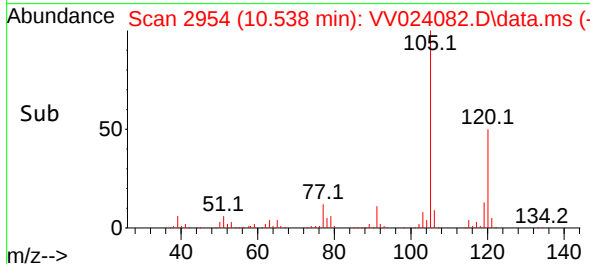
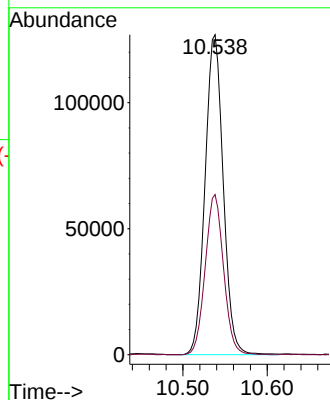
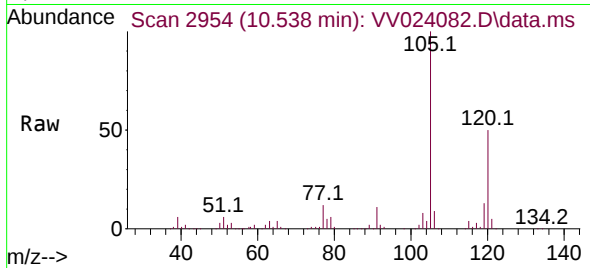




#62
1,3,5-Trimethylbenzene
Concen: 5.441 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

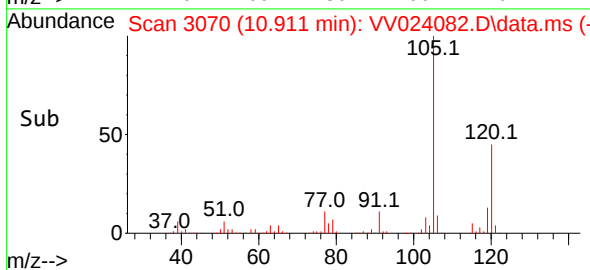
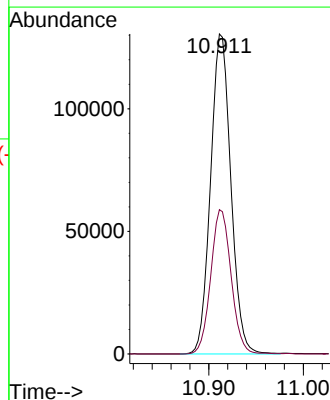
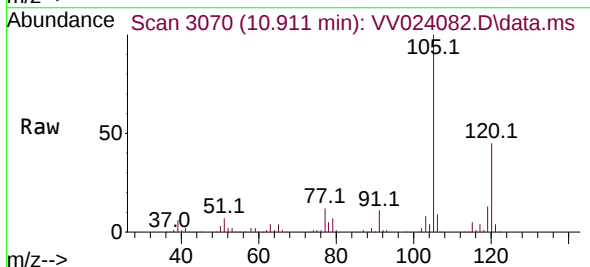
Instrument :
MSVOA_V
ClientSampleId :

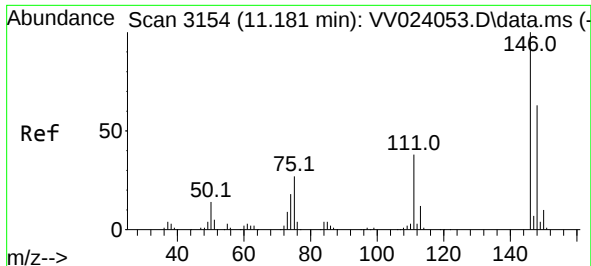
Tgt Ion:105 Resp: 190698
Ion Ratio Lower Upper
105 100
120 50.6 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.576 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion:105 Resp: 194677
Ion Ratio Lower Upper
105 100
120 45.3 36.7 55.1

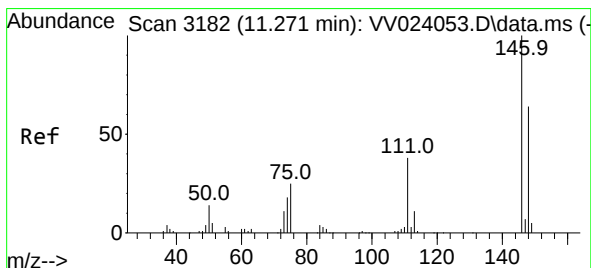
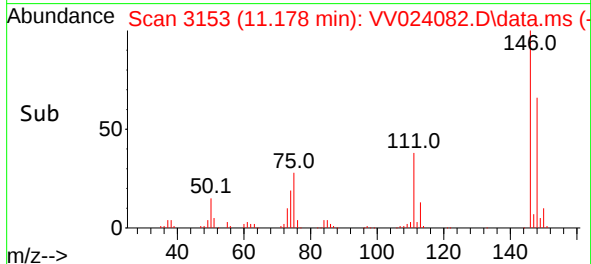
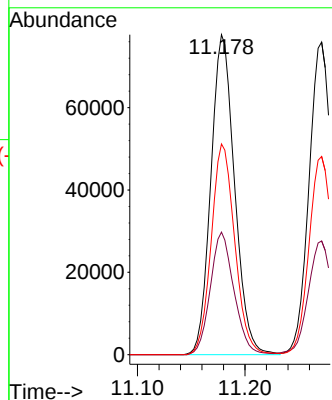
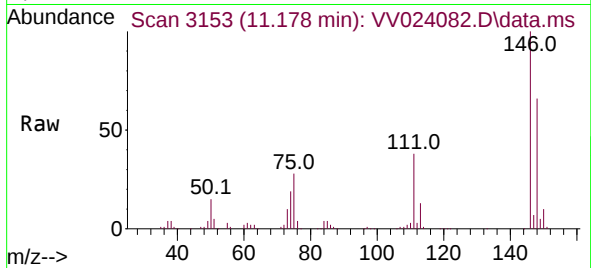




#64
1,3-Dichlorobenzene
Concen: 5.513 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

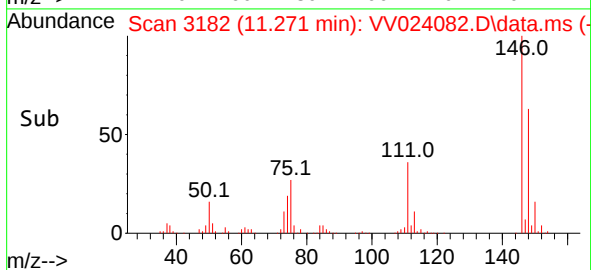
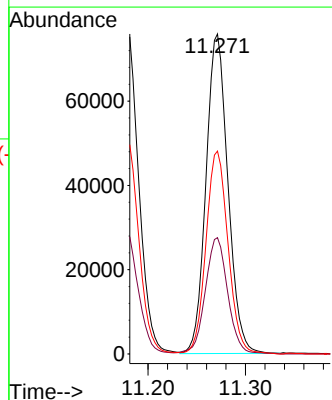
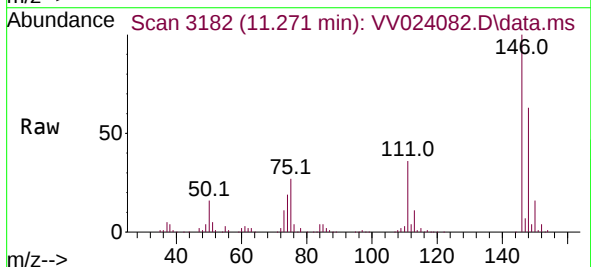
Instrument :
MSVOA_V
ClientSampleId :

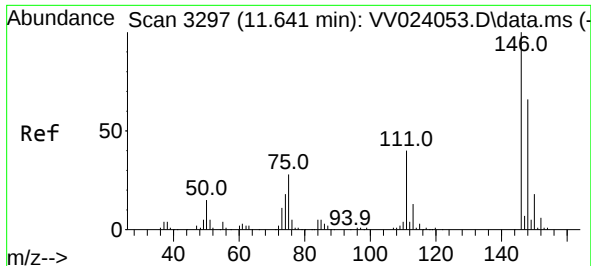
Tgt Ion:146 Resp: 119113
Ion Ratio Lower Upper
146 100
111 38.3 26.3 48.9
148 65.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.456 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

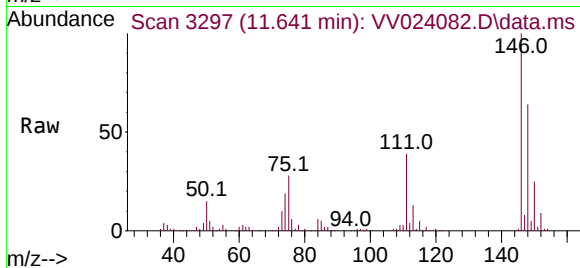
Tgt Ion:146 Resp: 118407
Ion Ratio Lower Upper
146 100
111 36.4 25.6 47.6
148 63.4 44.8 83.2



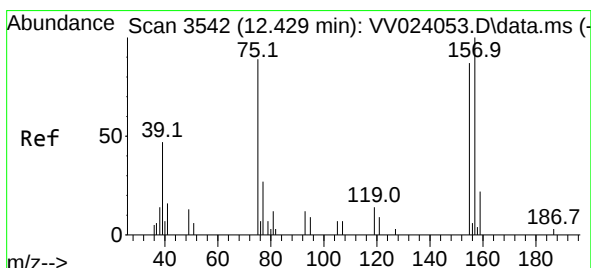
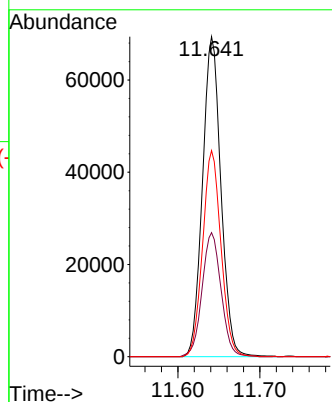
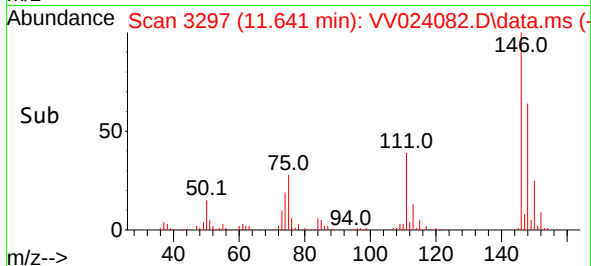


#67
1,2-Dichlorobenzene
Concen: 5.482 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

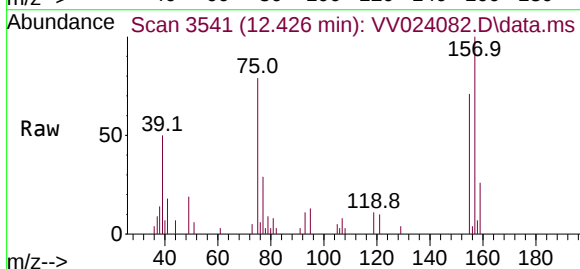
Instrument :
MSVOA_V
ClientSampleId :



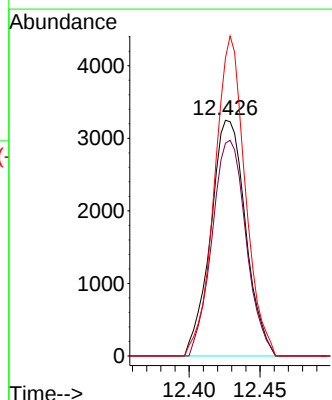
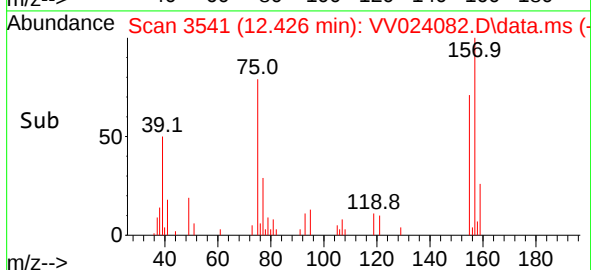
Tgt Ion:146 Resp: 108525
Ion Ratio Lower Upper
146 100
111 38.7 31.9 47.9
148 64.4 50.5 75.7

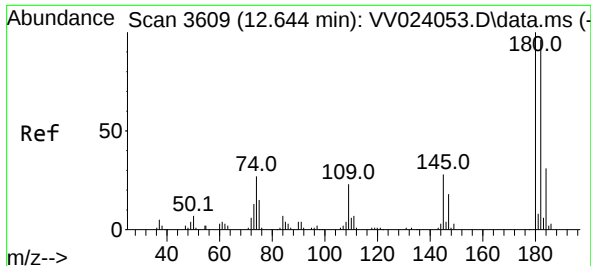


#68
1,2-Dibromo-3-chloropropane
Concen: 5.202 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57



Tgt Ion: 75 Resp: 5569
Ion Ratio Lower Upper
75 100
155 90.3 71.7 107.5
157 126.6 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.306 ug/L

RT: 12.644 min Scan# 30

Delta R.T. -0.000 min

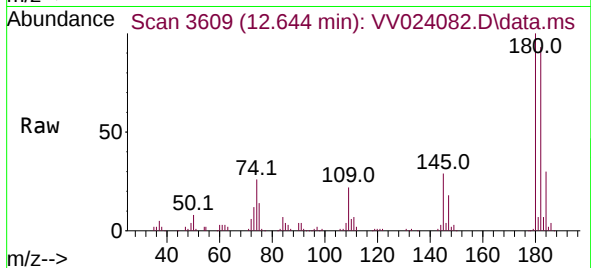
Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 94295

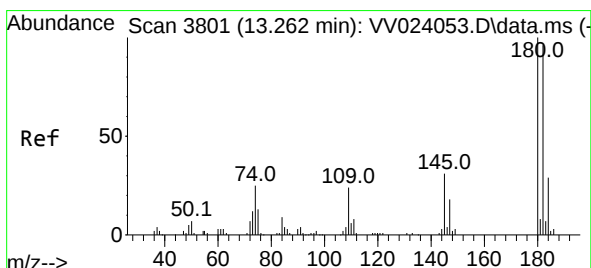
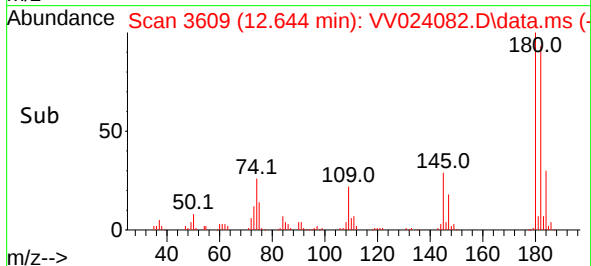
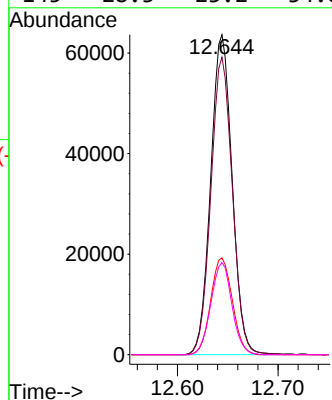
Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

184 30.5 24.2 36.4

145 28.3 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.165 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV024082.D

Acq: 19 Dec 2021 10:57

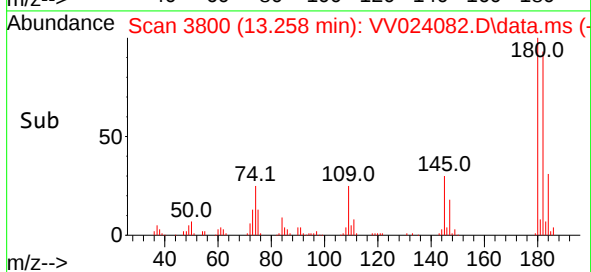
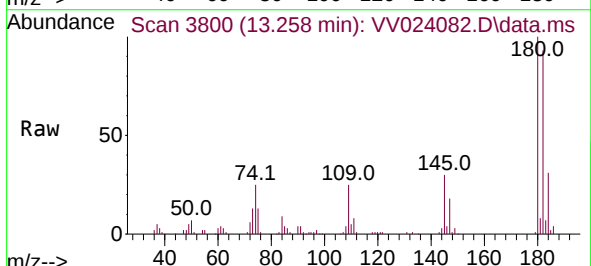
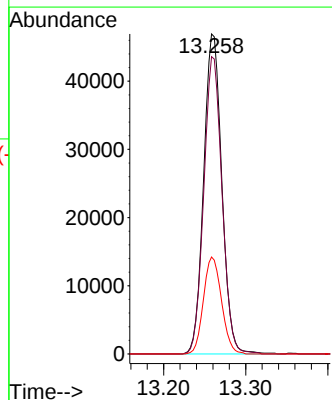
Tgt Ion:180 Resp: 72085

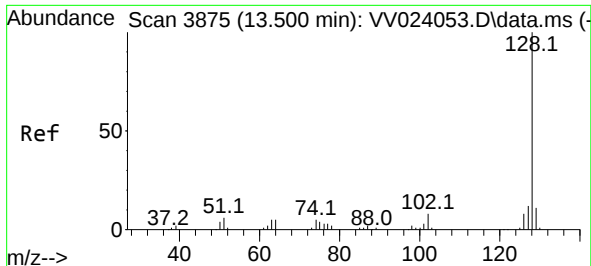
Ion Ratio Lower Upper

180 100

182 93.3 74.4 111.6

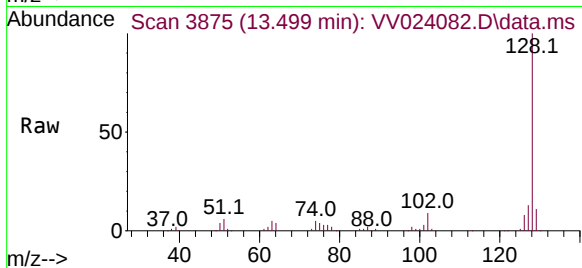
145 30.1 23.3 34.9



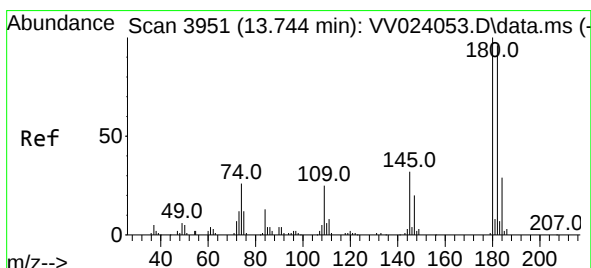
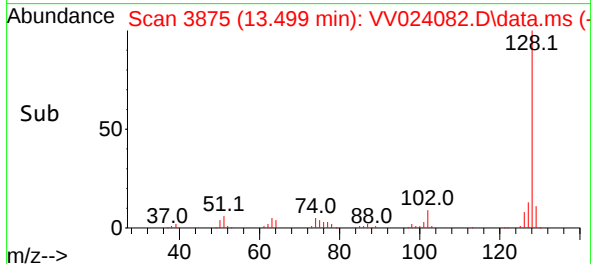
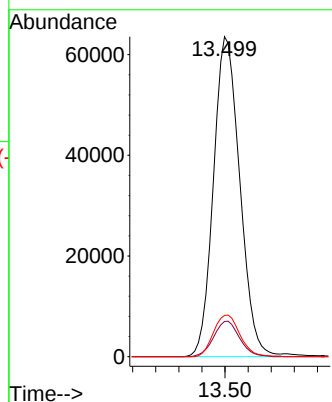


#71
Naphthalene
Concen: 5.018 ug/L
RT: 13.499 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 100674
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.272 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024082.D
Acq: 19 Dec 2021 10:57

Tgt Ion:180 Resp: 64959
Ion Ratio Lower Upper
180 100
182 95.9 76.8 115.2
145 31.7 25.8 38.6

