

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
 Data File : VV024080.D
 Acq On : 17 Dec 2021 21:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 18 01:49:56 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	5.619	114	88283	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	94354	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57772	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	21480	4.526	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	19255	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.111	63	50815	5.485	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%
20) 2-Butanone-d5	3.909	46	33949	36.613	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.220%
24) Chloroform-d	4.349	84	54660	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.034	65	26058	5.206	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	97743	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.069	67	27749	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.317	98	101038	6.005	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.200%
43) trans-1,3-Dichloroprop...	7.622	79	11058	4.728	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.600%
46) 2-Hexanone-d5	8.092	63	39934	38.138	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.280%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20974	4.484	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	38402	4.976	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	39460	5.135	ug/L	99
3) Chloromethane	1.240	50	34055	5.187	ug/L	97
5) Vinyl chloride	1.311	62	39081	5.488	ug/L	99
6) Bromomethane	1.523	94	24816	5.484	ug/L	100
8) Chloroethane	1.584	64	25302	5.461	ug/L	95
9) Trichlorofluoromethane	1.754	101	72498	5.859	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	36820	5.650	ug/L	99
12) 1,1-Dichloroethene	2.118	96	34305	5.792	ug/L	96
13) Acetone	2.192	43	27054	36.470	ug/L	90
14) Carbon disulfide	2.294	76	85324	4.966	ug/L	100
15) Methyl Acetate	2.442	43	7832	4.356	ug/L	91
16) Methylene chloride	2.507	84	38307	4.944	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	74555	5.566	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	35126	5.357	ug/L	94
19) 1,1-Dichloroethane	3.188	63	67960	5.775	ug/L	98
21) 2-Butanone	3.989	43	47392	44.713	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	38952	5.612	ug/L	94
23) Bromochloromethane	4.249	128	18153	5.756	ug/L	91
25) Chloroform	4.375	83	76083	5.816	ug/L	98

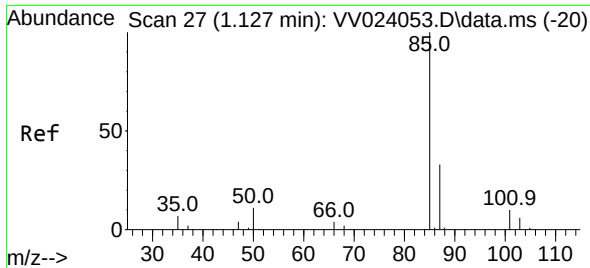
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121721\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	40614	5.730	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	70561	5.716	ug/L	99
30) Cyclohexane	4.680	56	48144	4.917	ug/L	98
31) Carbon tetrachloride	4.828	117	64330	5.544	ug/L	99
33) Benzene	5.098	78	150051	5.621	ug/L	100
34) Trichloroethene	5.915	95	39697	5.273	ug/L	96
35) Methylcyclohexane	6.130	83	54326	4.903	ug/L	98
37) 1,2-Dichloropropane	6.172	63	35586	5.609	ug/L	99
38) Bromodichloromethane	6.510	83	50962	5.671	ug/L #	97
39) cis-1,3-Dichloropropene	7.027	75	47461	5.039	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	176613	57.952	ug/L	99
42) Toluene	7.387	91	170360	5.671	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	42018	5.161	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	26532	5.653	ug/L	99
47) Tetrachloroethene	7.973	164	35988	5.430	ug/L	98
48) 2-Hexanone	8.140	43	128378	58.096	ug/L	99
49) Dibromochloromethane	8.246	129	34407	5.388	ug/L	97
50) 1,2-Dibromoethane	8.352	107	25066	5.752	ug/L	100
51) Chlorobenzene	8.879	112	110583	5.508	ug/L	98
52) Ethylbenzene	9.011	91	172951	5.457	ug/L	99
53) m,p-xylene	9.140	106	69213	5.522	ug/L	100
54) o-xylene	9.545	106	66435	5.481	ug/L	99
55) Styrene	9.561	104	116651	5.781	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	27517	5.354	ug/L #	98
59) Bromoform	9.731	173	18434	4.972	ug/L	96
60) Isopropylbenzene	9.931	105	182743	5.387	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	20924	5.317	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	146055	5.191	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	149524	5.334	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	93475	5.388	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	91701	5.263	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	83239	5.237	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4269	4.966	ug/L	93
69) 1,3,5-Trichlorobenzene	12.645	180	71585	5.017	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	52256	4.663	ug/L	97
71) Naphthalene	13.503	128	76502	4.750	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	49531	5.006	ug/L	99

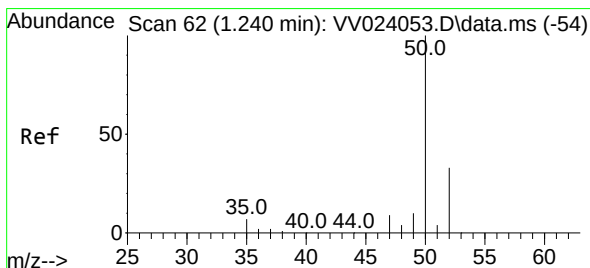
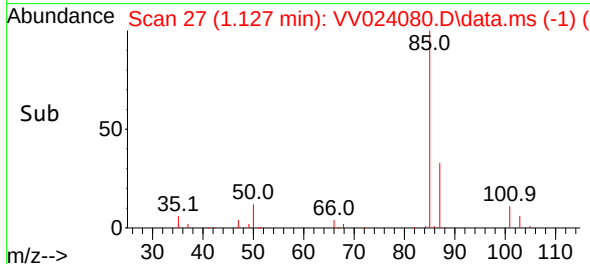
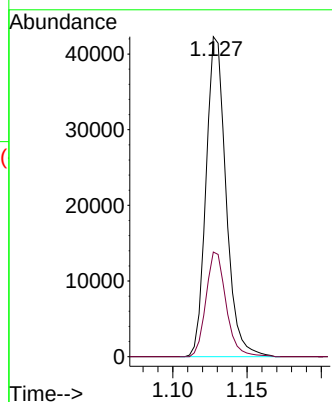
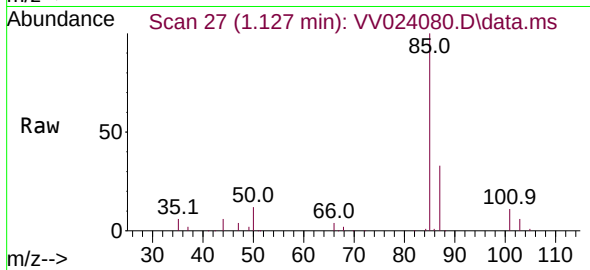
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.135 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

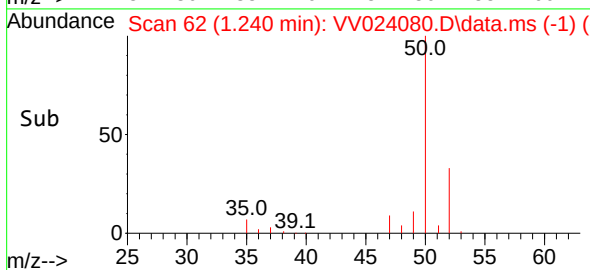
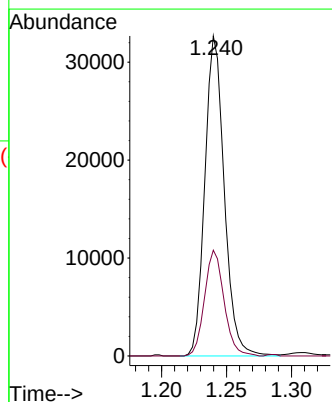
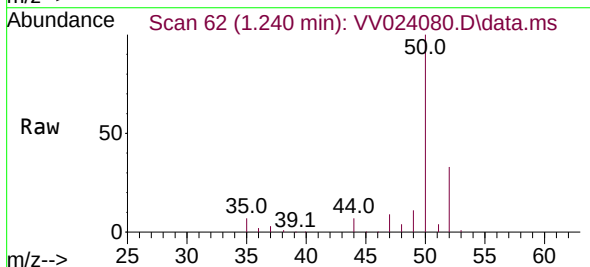
Instrument :
 MSVOA_V
 ClientSampleId :

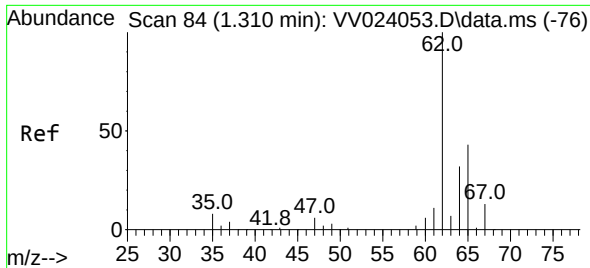
Tgt Ion: 85 Resp: 39460
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 5.187 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

Tgt Ion: 50 Resp: 34055
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.0 41.0

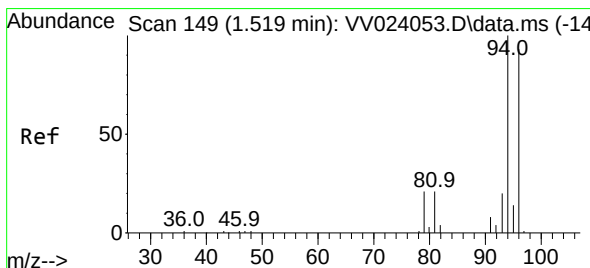
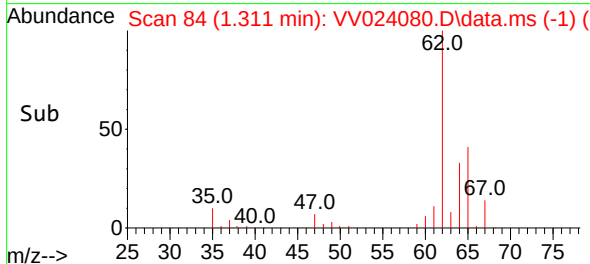
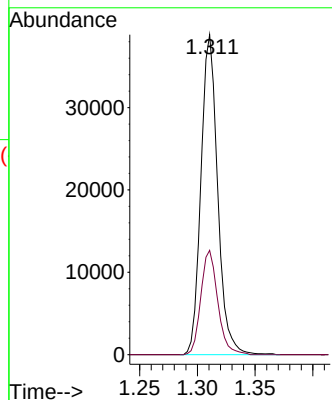
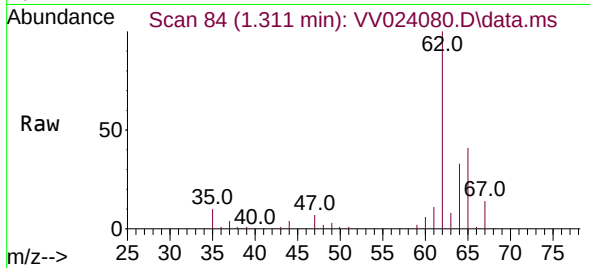




#5
 Vinyl chloride
 Concen: 5.488 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

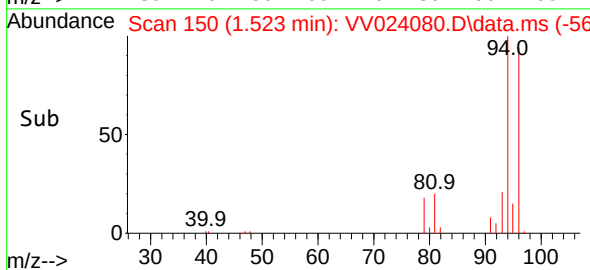
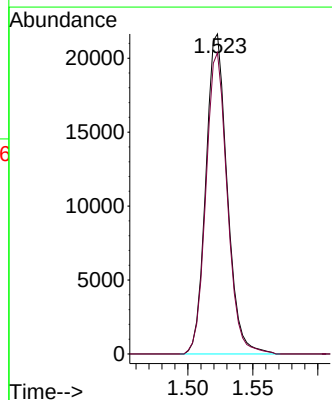
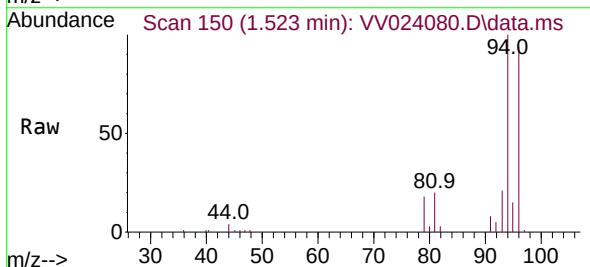
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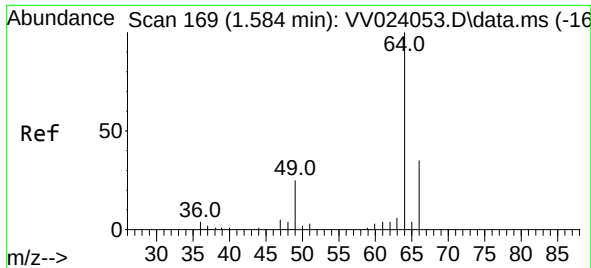
Tgt Ion: 62 Resp: 39081
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6



#6
 Bromomethane
 Concen: 5.484 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

Tgt Ion: 94 Resp: 24816
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.2 123.0

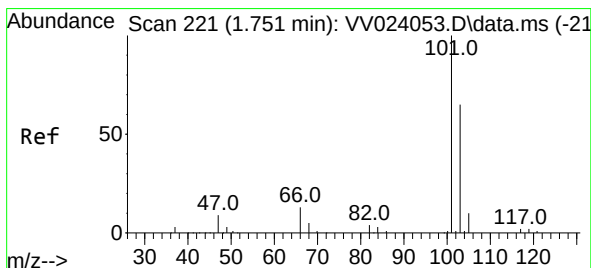
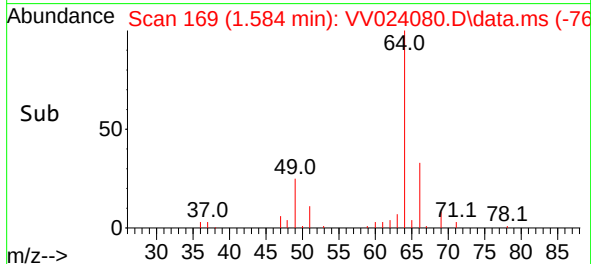
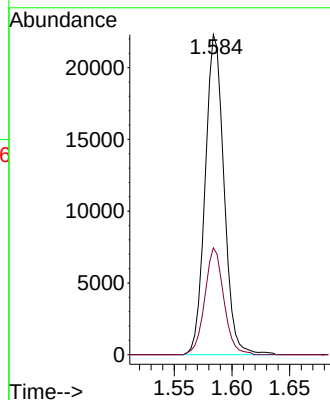
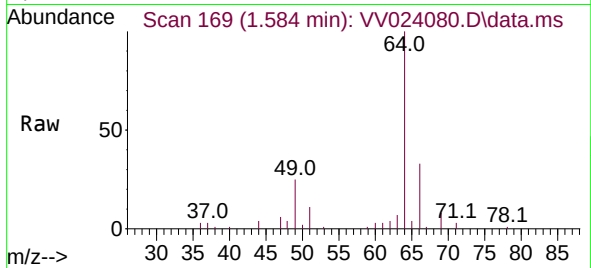




#8
Chloroethane
Concen: 5.461 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

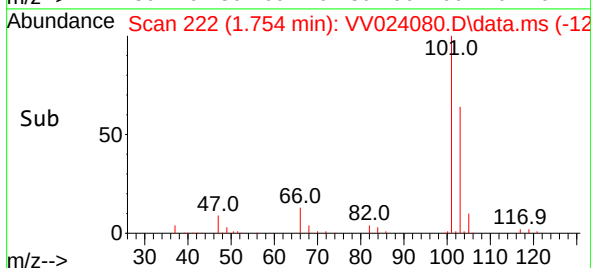
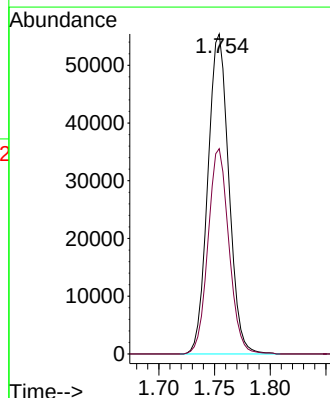
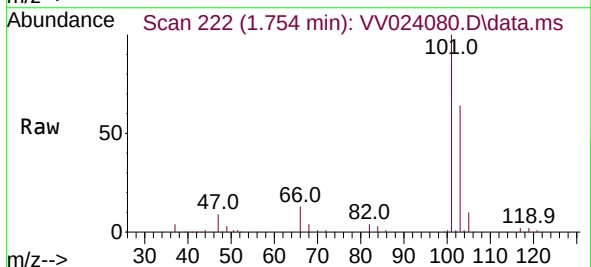
Instrument :
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ClientSampleId :

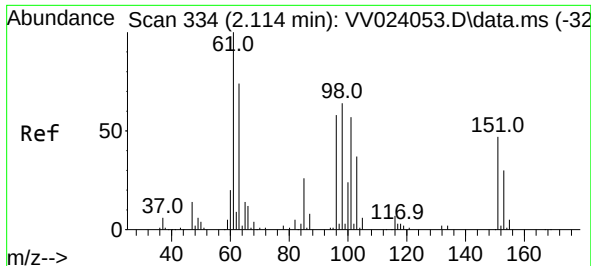
Tgt Ion: 64 Resp: 25302
Ion Ratio Lower Upper
64 100
66 33.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.859 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion:101 Resp: 72498
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4

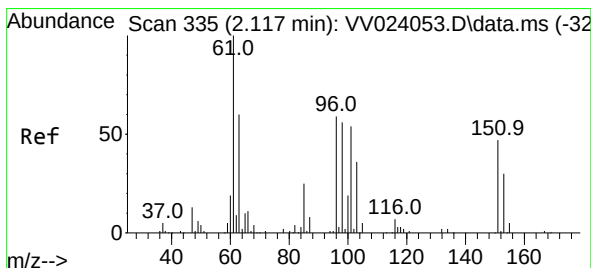
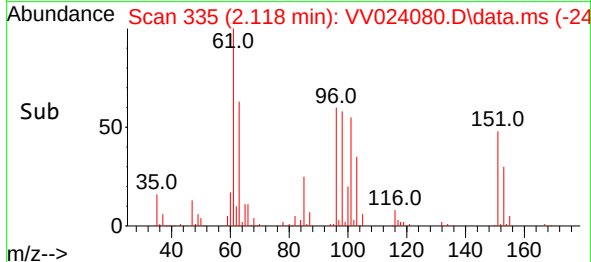
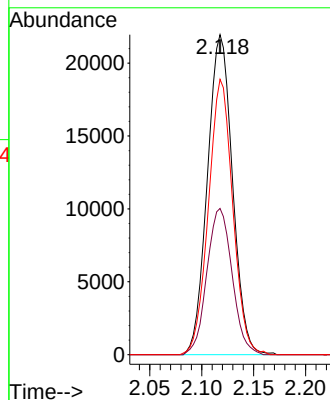
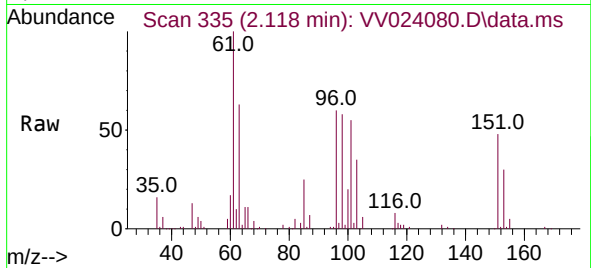




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.650 ug/L
 RT: 2.118 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

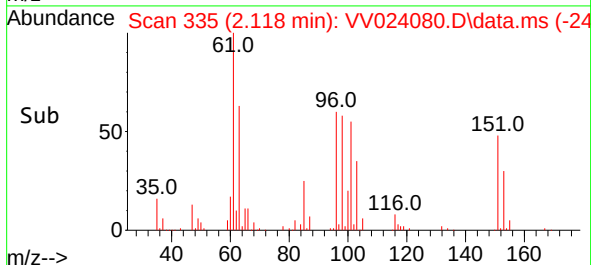
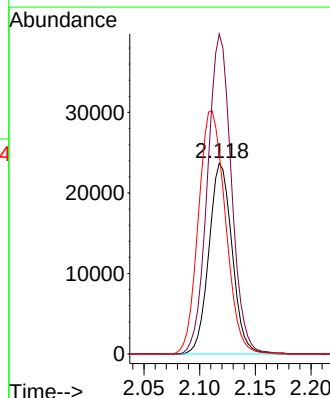
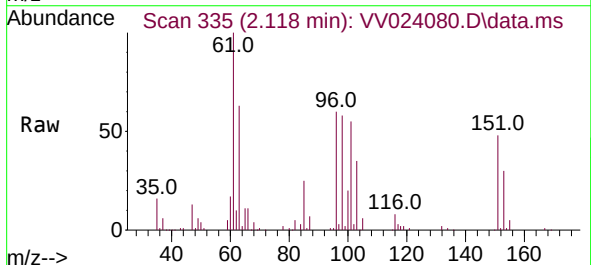
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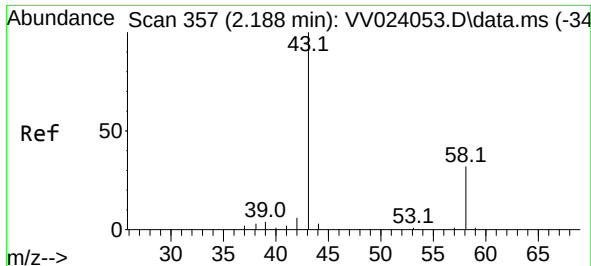
Tgt Ion:101 Resp: 36820
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.0 54.0
 151 83.6 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 5.792 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

Tgt Ion: 96 Resp: 34305
 Ion Ratio Lower Upper
 96 100
 61 167.7 116.1 215.5
 63 105.1 79.4 147.4





#13

Acetone

Concen: 36.470 ug/L

RT: 2.192 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

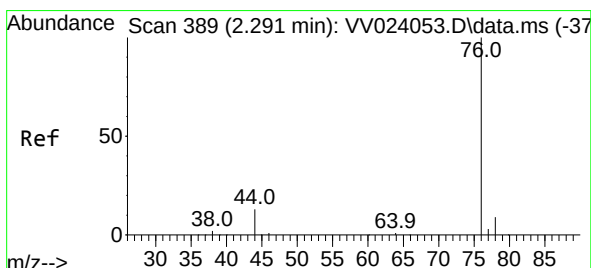
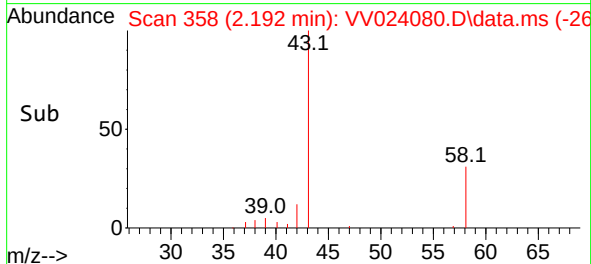
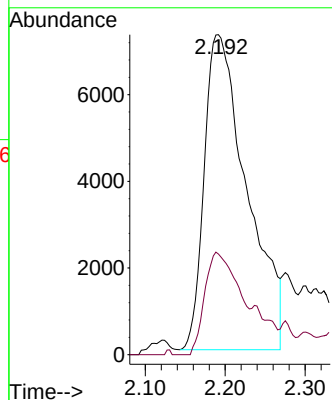
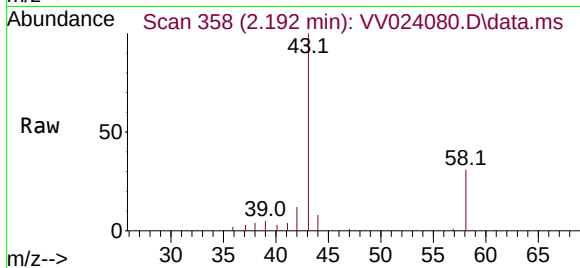
ClientSampleId :

Tgt Ion: 43 Resp: 27054

Ion Ratio Lower Upper

43 100

58 25.4 0.0 41.4



#14

Carbon disulfide

Concen: 4.966 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV024080.D

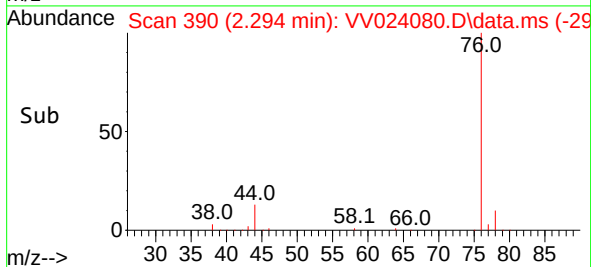
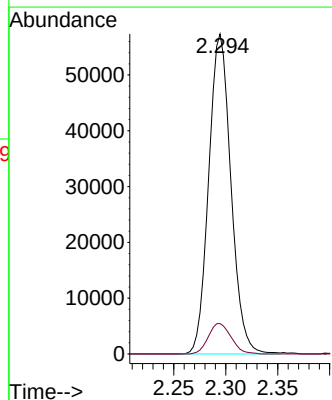
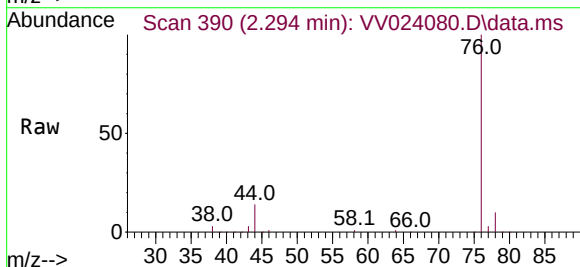
Acq: 17 Dec 2021 21:28

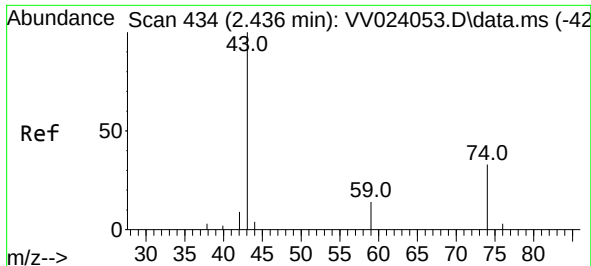
Tgt Ion: 76 Resp: 85324

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





#15

Methyl Acetate

Concen: 4.356 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.007 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

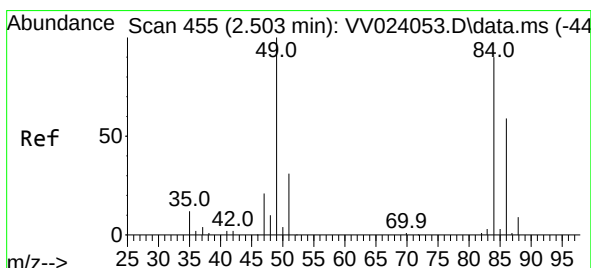
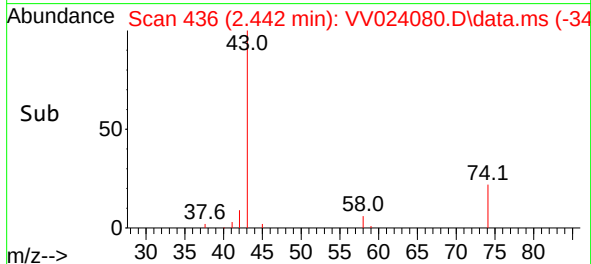
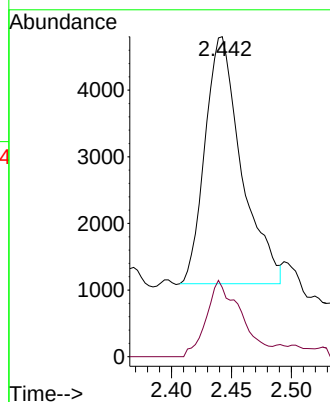
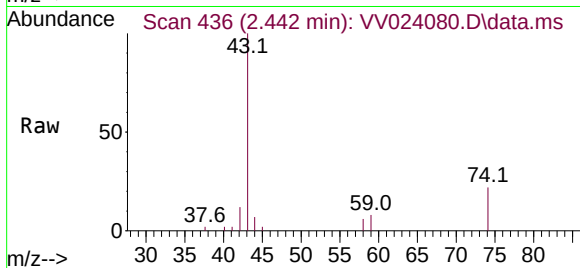
ClientSampleId :

Tgt Ion: 43 Resp: 7832

Ion Ratio Lower Upper

43 100

74 29.5 20.2 30.2



#16

Methylene chloride

Concen: 4.944 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

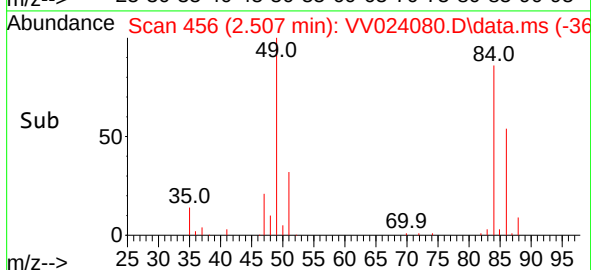
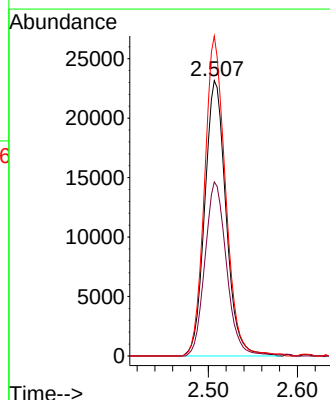
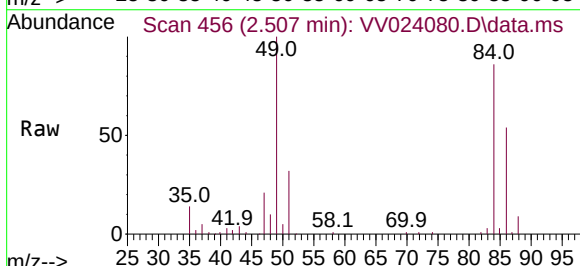
Tgt Ion: 84 Resp: 38307

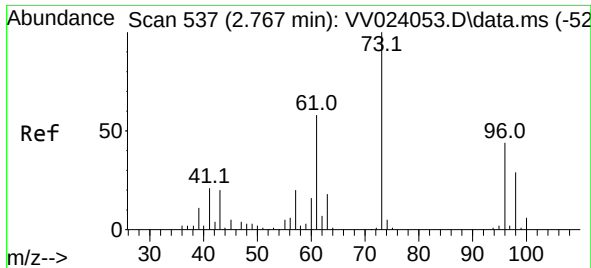
Ion Ratio Lower Upper

84 100

86 63.2 42.6 79.0

49 116.2 79.7 147.9

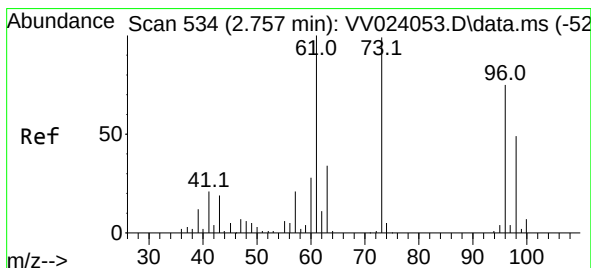
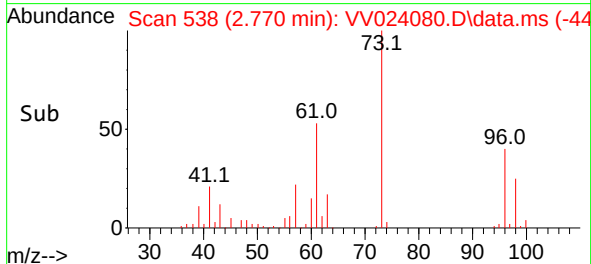
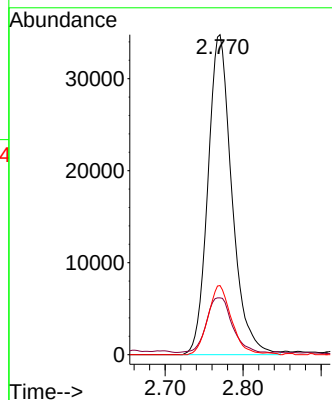
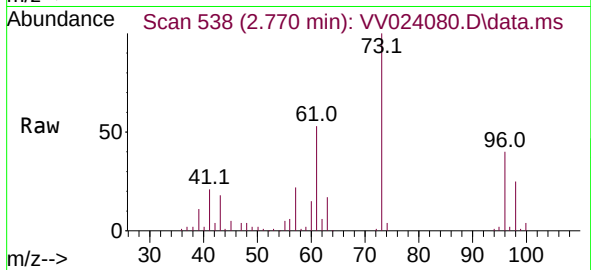




#17
Methyl tert-butyl Ether
Concen: 5.566 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

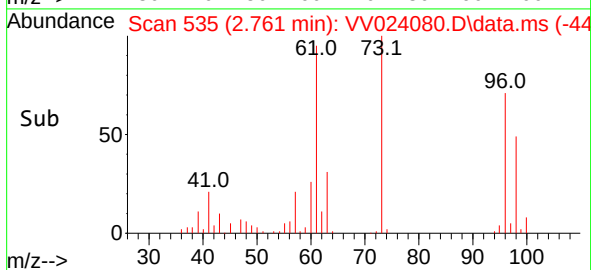
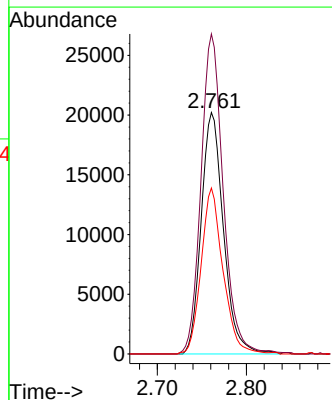
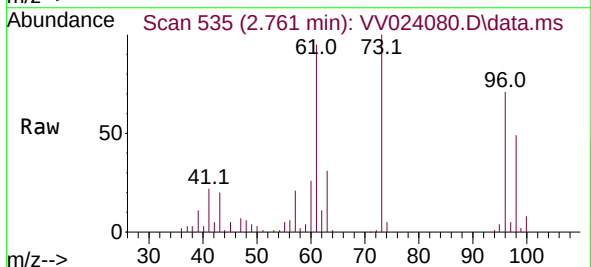
Instrument :
MSVOA_V
ClientSampleId :

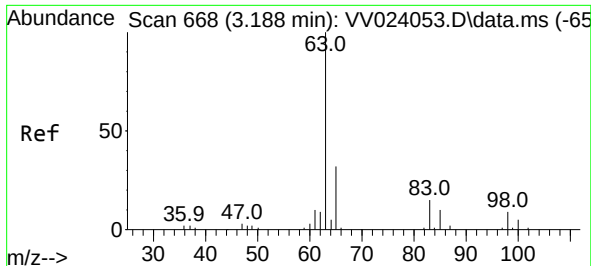
Tgt Ion: 73 Resp: 74555
Ion Ratio Lower Upper
73 100
43 18.3 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.357 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion: 96 Resp: 35126
Ion Ratio Lower Upper
96 100
61 132.5 88.2 163.8
98 68.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.775 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

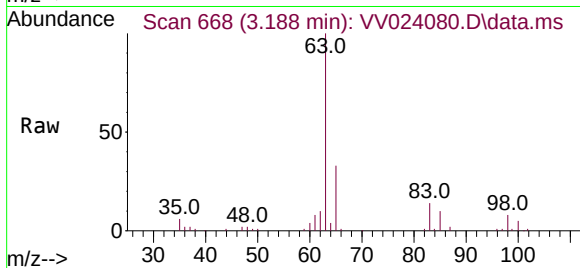
Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

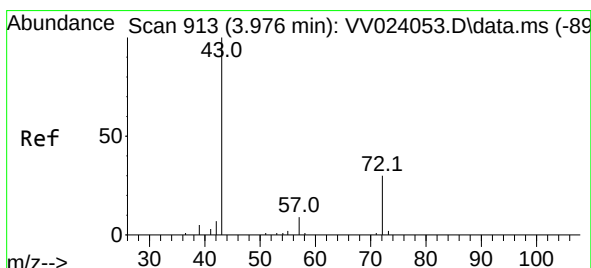
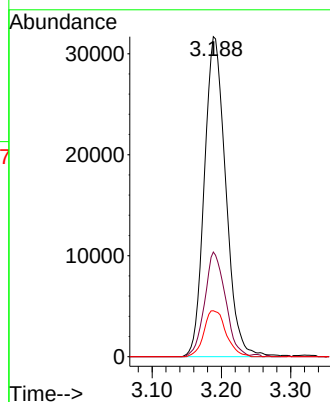
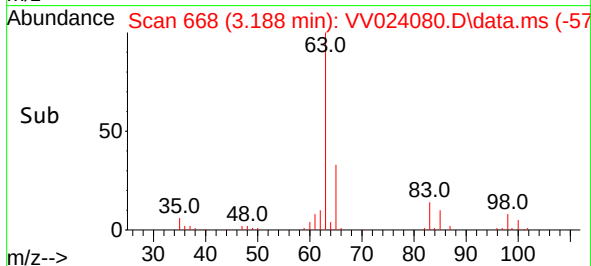
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	67960
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.3	41.3
83	14.3	10.7	19.9



#21

2-Butanone

Concen: 44.713 ug/L

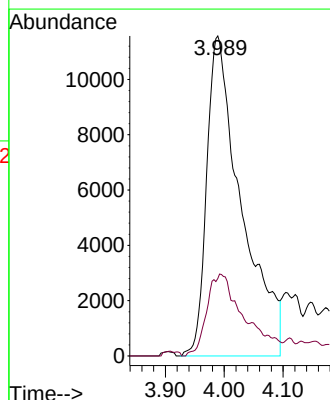
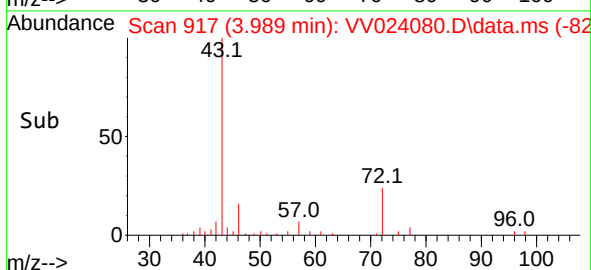
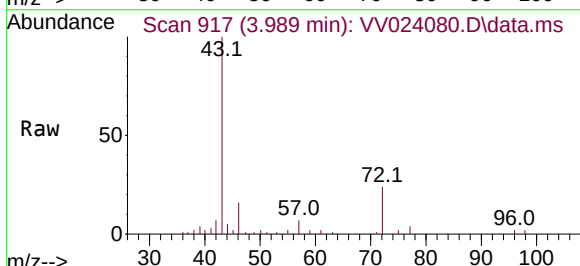
RT: 3.989 min Scan# 917

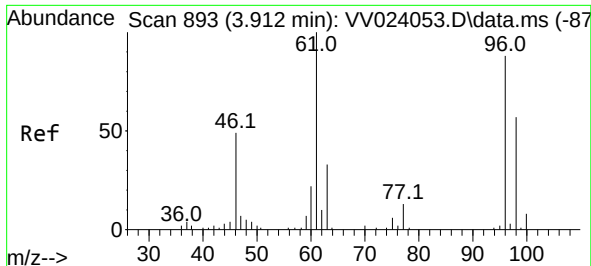
Delta R.T. 0.013 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

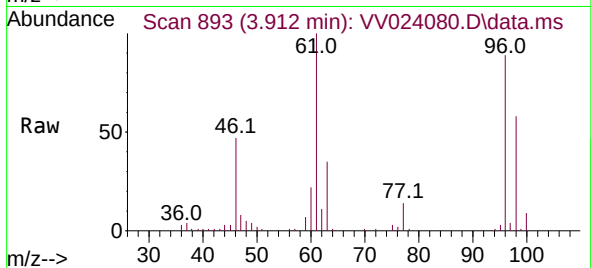
Tgt Ion:	43	Resp:	47392
Ion	Ratio	Lower	Upper
43	100		
72	22.1	11.1	33.1





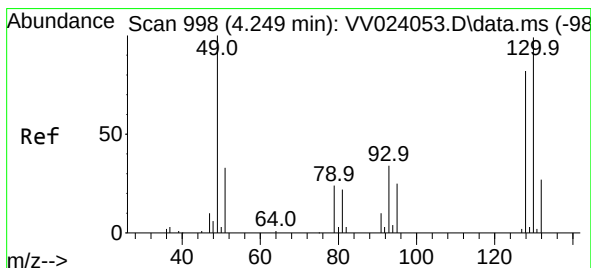
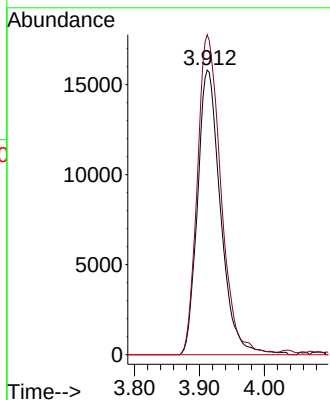
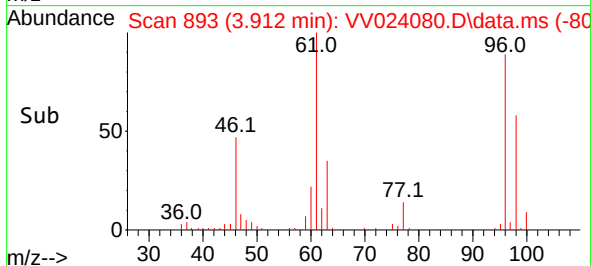
#22
 cis-1,2-Dichloroethene
 Concen: 5.612 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

Instrument :
 MSVOA_V
 ClientSampleId :

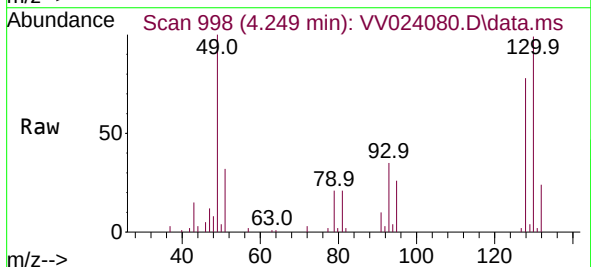


Tgt Ion: 96 Resp: 38952

Ion	Ratio	Lower	Upper
96	100		
61	112.4	83.4	154.8
68	0.0	0.0	0.0

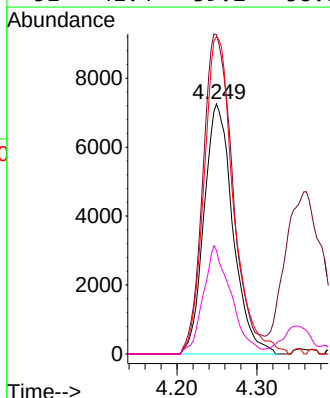
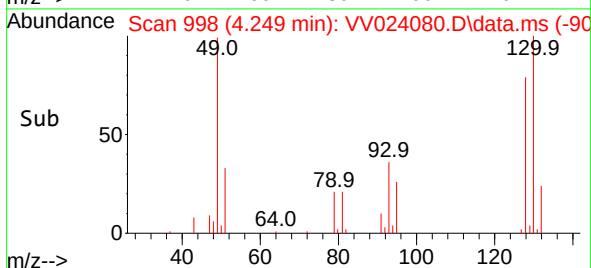


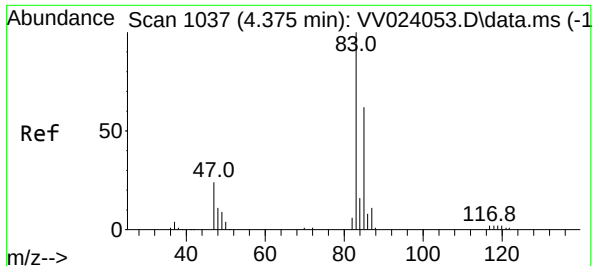
#23
 Bromochloromethane
 Concen: 5.756 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28



Tgt Ion: 128 Resp: 18153

Ion	Ratio	Lower	Upper
128	100		
49	127.7	100.2	186.2
130	126.9	92.5	171.7
51	41.4	39.2	58.8





#25

Chloroform

Concen: 5.816 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

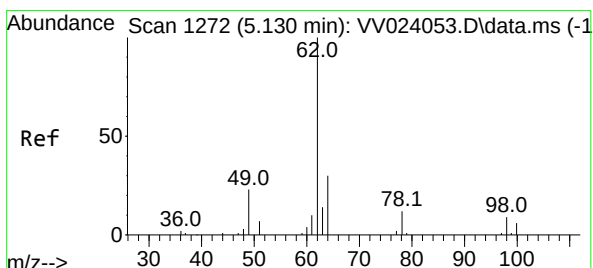
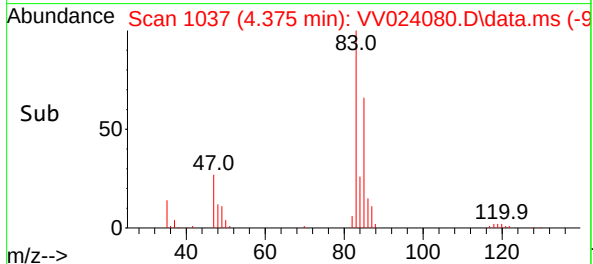
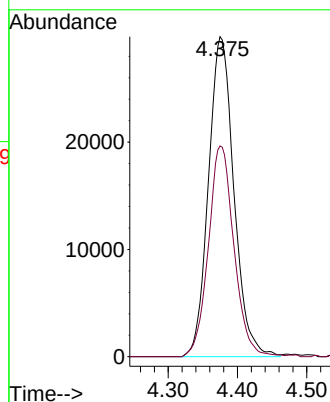
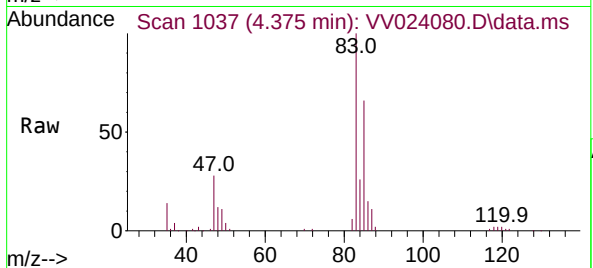
ClientSampleId :

Tgt Ion: 83 Resp: 76083

Ion Ratio Lower Upper

83 100

85 65.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.730 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024080.D

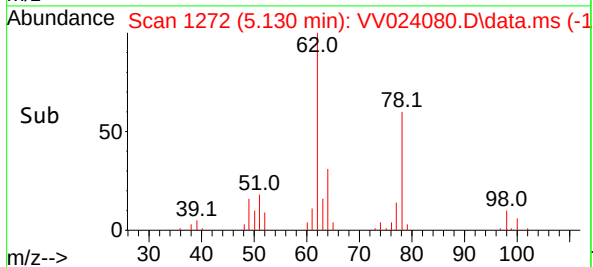
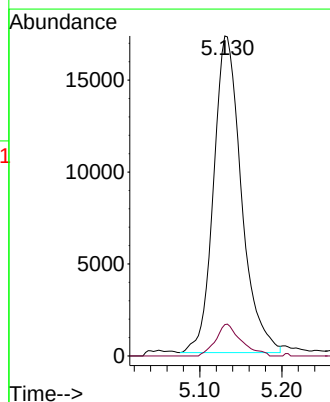
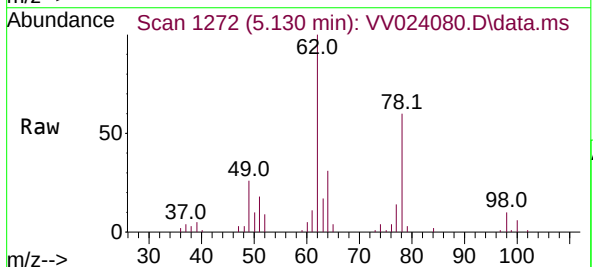
Acq: 17 Dec 2021 21:28

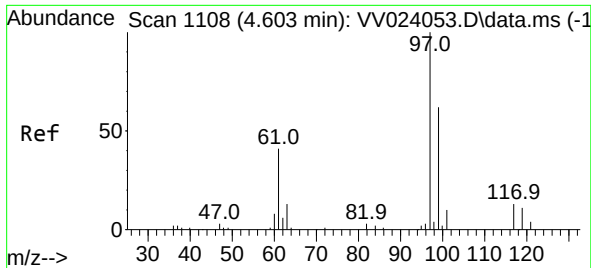
Tgt Ion: 62 Resp: 40614

Ion Ratio Lower Upper

62 100

98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.716 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

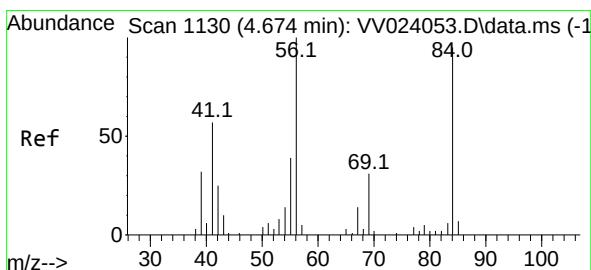
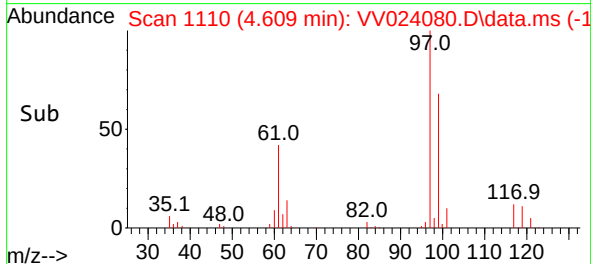
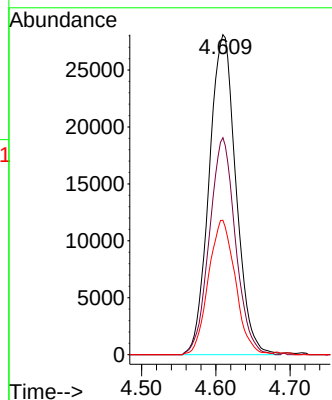
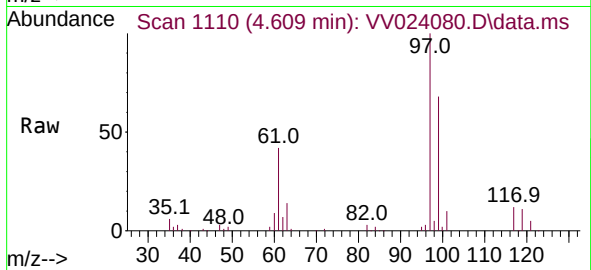
Tgt Ion: 97 Resp: 70561

Ion Ratio Lower Upper

97 100

99 66.0 51.9 77.9

61 42.1 33.2 49.8



#30

Cyclohexane

Concen: 4.917 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.007 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

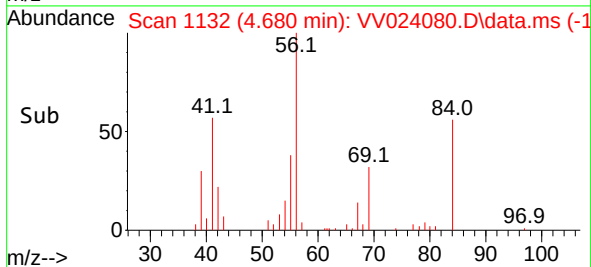
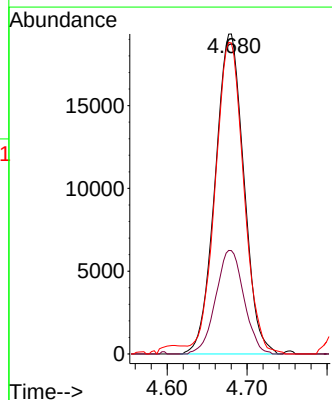
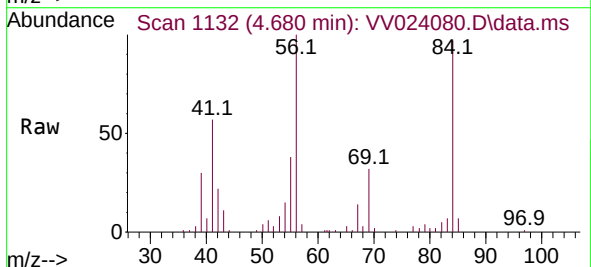
Tgt Ion: 56 Resp: 48144

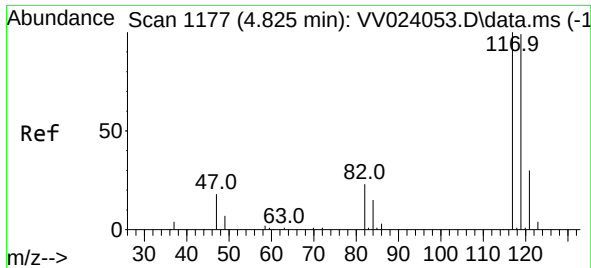
Ion Ratio Lower Upper

56 100

69 31.8 24.8 37.2

84 97.0 75.9 113.9

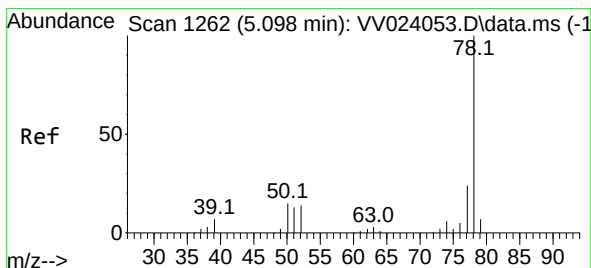
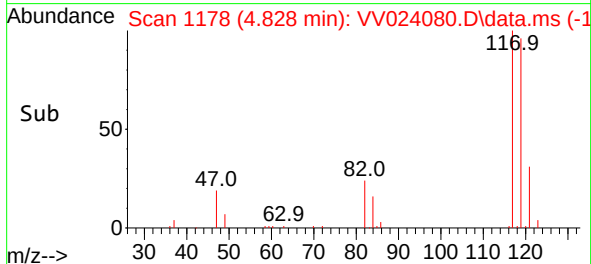
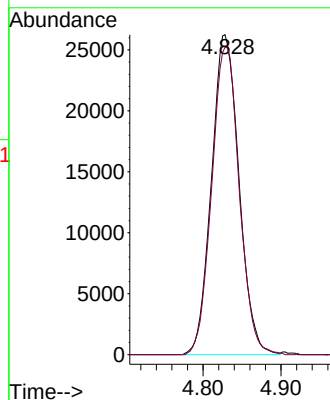
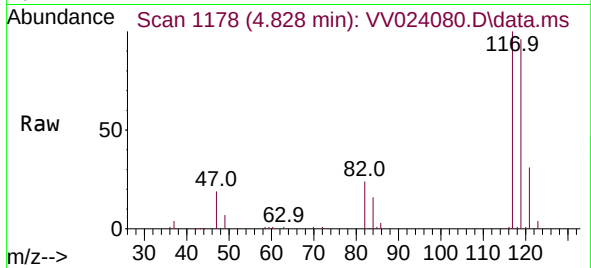




#31
Carbon tetrachloride
Concen: 5.544 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

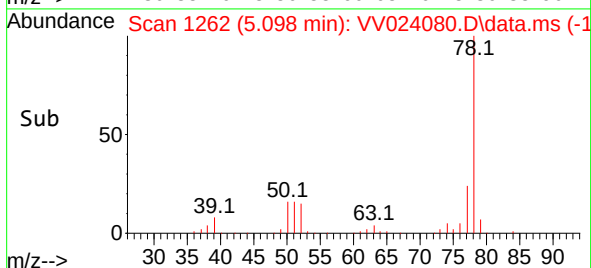
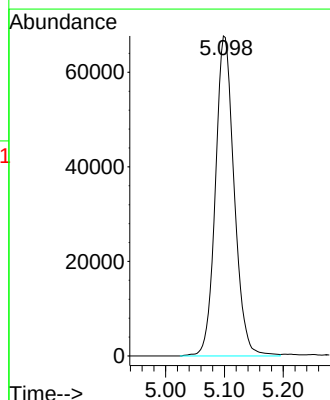
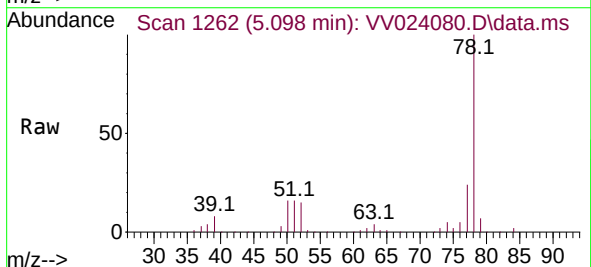
Instrument :
MSVOA_V
ClientSampleId :

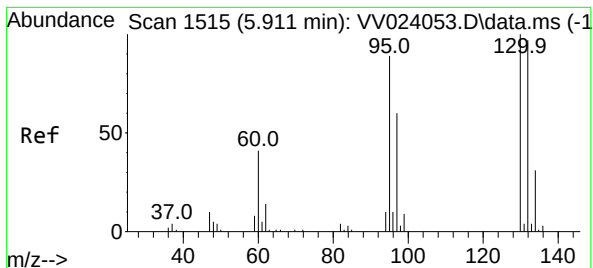
Tgt Ion:117 Resp: 64330
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 5.621 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion: 78 Resp: 150051





#34

Trichloroethene

Concen: 5.273 ug/L

RT: 5.915 min Scan# 1515

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 39697

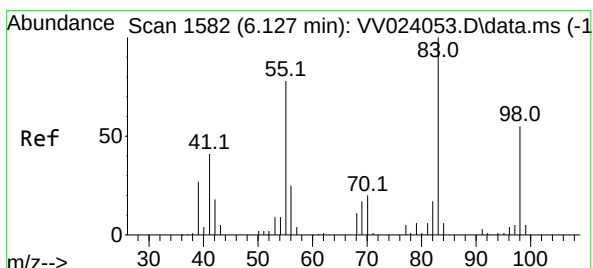
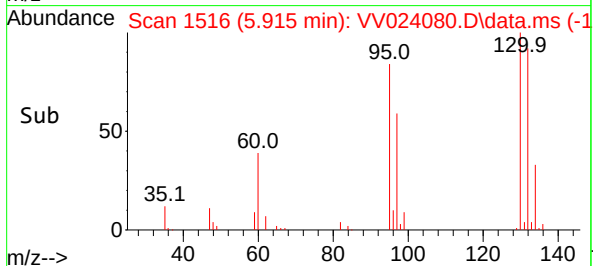
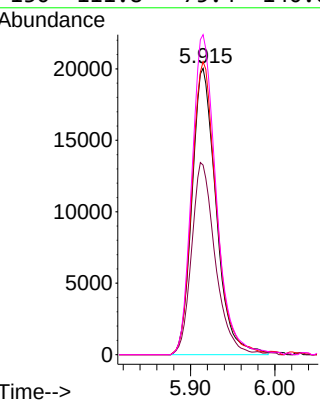
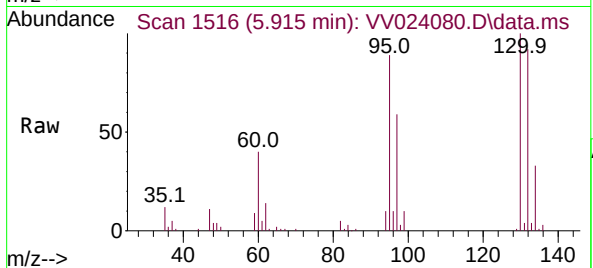
Ion Ratio Lower Upper

95 100

97 66.3 45.2 84.0

132 102.3 76.1 141.3

130 111.8 75.4 140.0



#35

Methylcyclohexane

Concen: 4.903 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

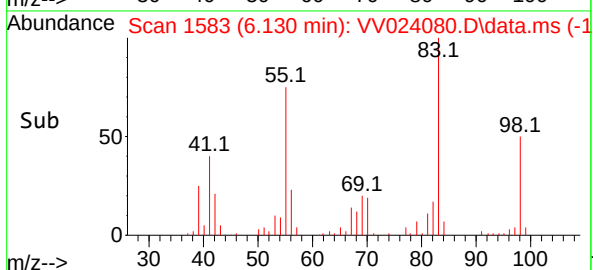
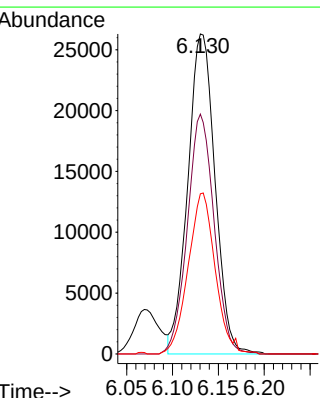
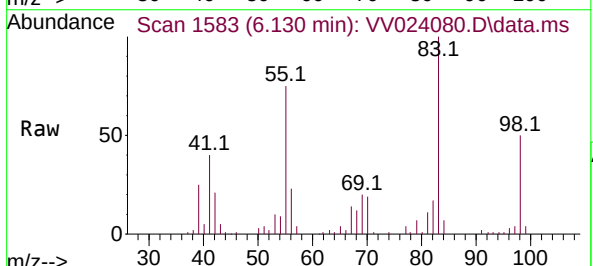
Tgt Ion: 83 Resp: 54326

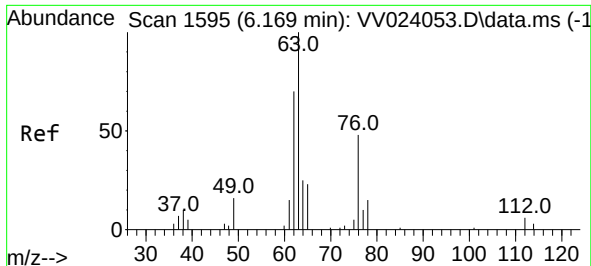
Ion Ratio Lower Upper

83 100

55 73.6 60.2 90.2

98 50.1 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.609 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

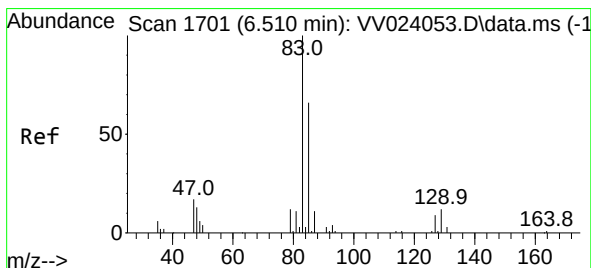
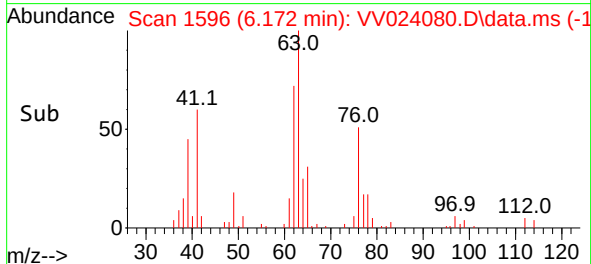
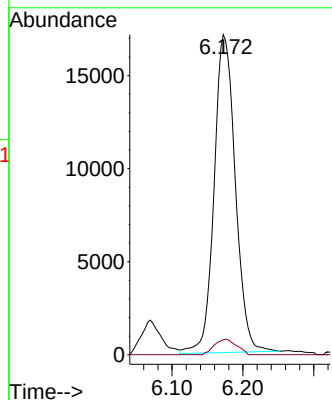
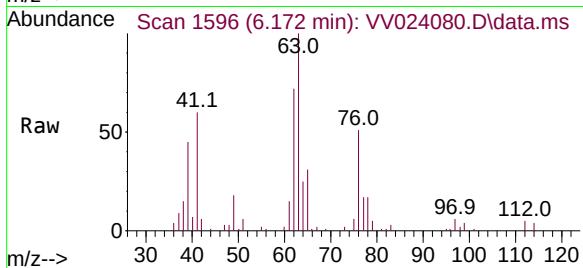
ClientSampleId :

Tgt Ion: 63 Resp: 35586

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 5.671 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

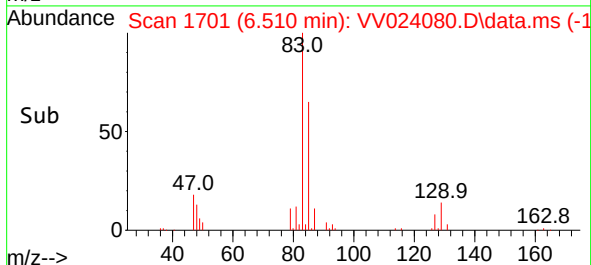
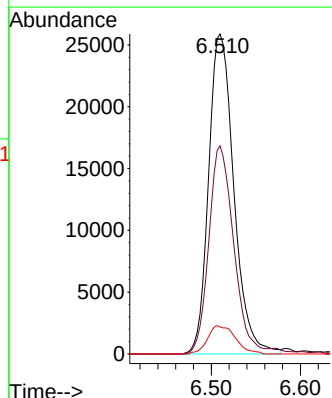
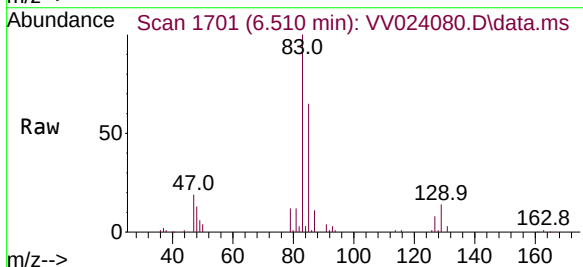
Tgt Ion: 83 Resp: 50962

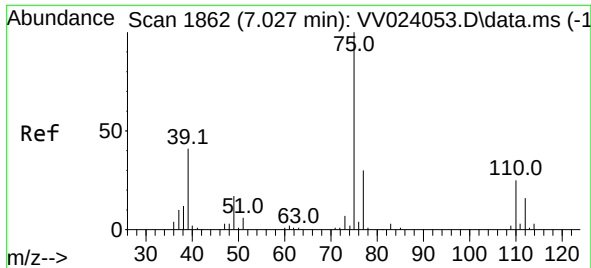
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 8.5 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 5.039 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

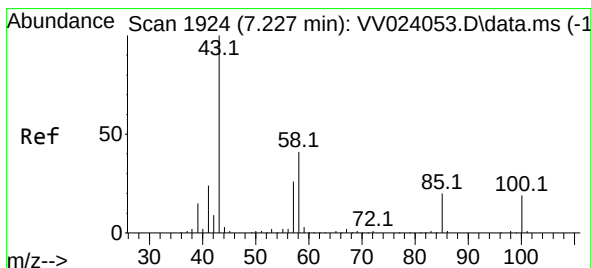
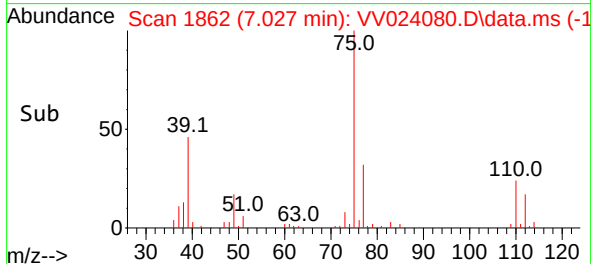
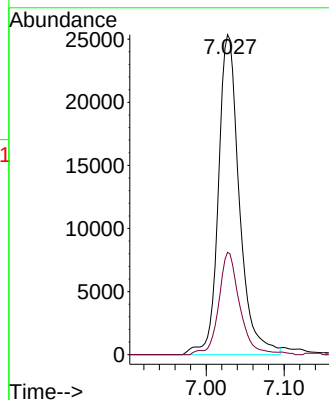
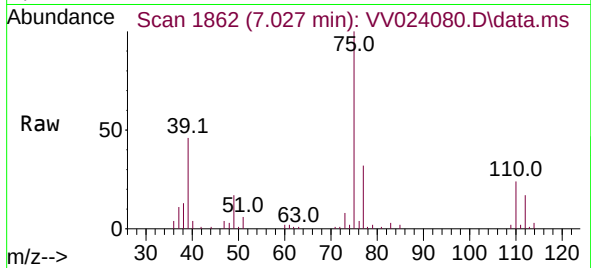
ClientSampleId :

Tgt Ion: 75 Resp: 47461

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 57.952 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

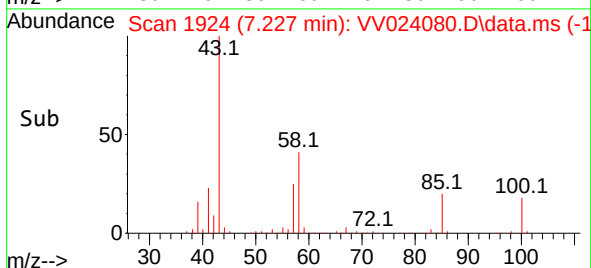
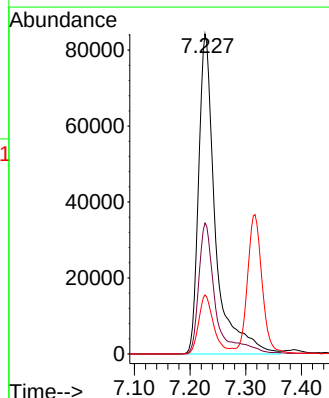
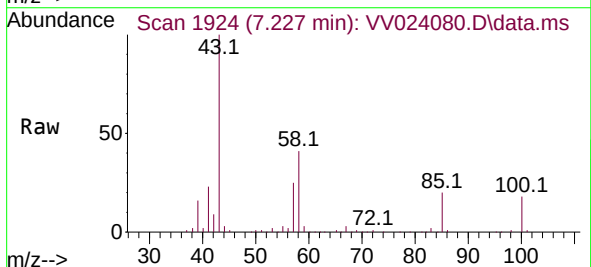
Tgt Ion: 43 Resp: 176613

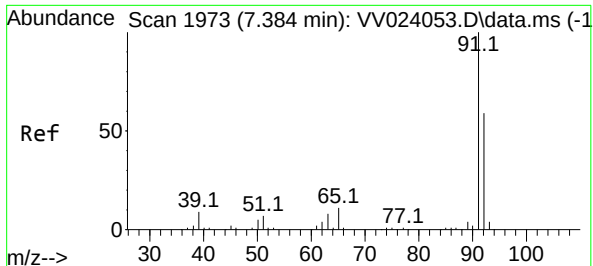
Ion Ratio Lower Upper

43 100

58 40.9 32.3 48.5

100 16.3 13.0 19.6





#42

Toluene

Concen: 5.671 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

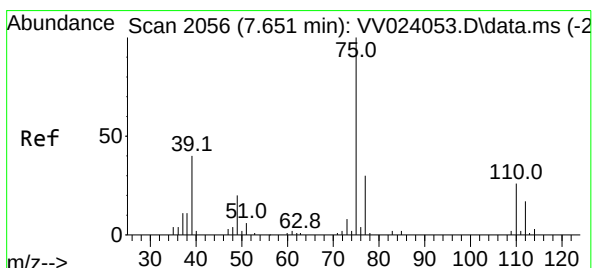
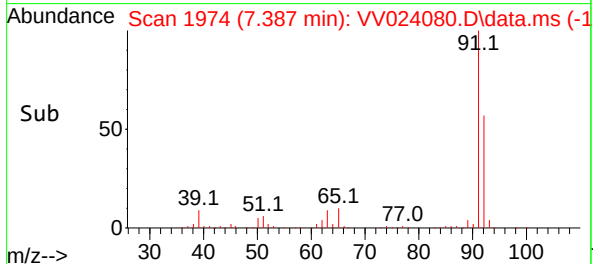
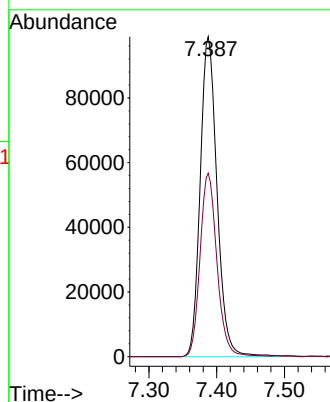
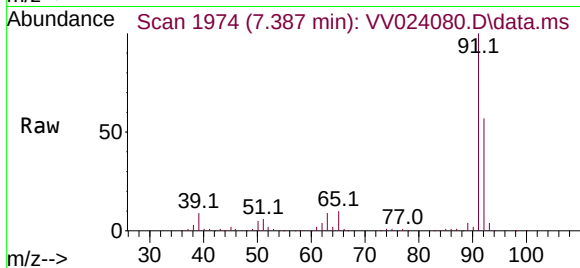
ClientSampleId :

Tgt Ion: 91 Resp: 170360

Ion Ratio Lower Upper

91 100

92 57.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.161 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024080.D

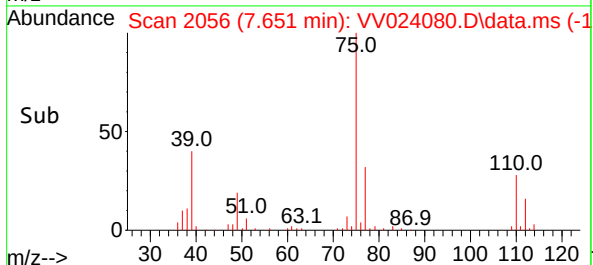
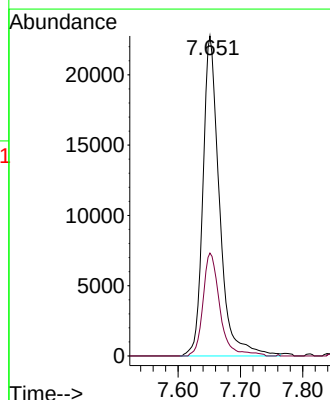
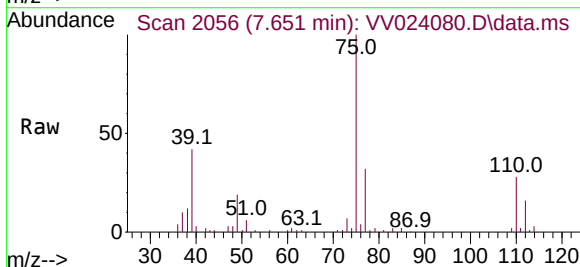
Acq: 17 Dec 2021 21:28

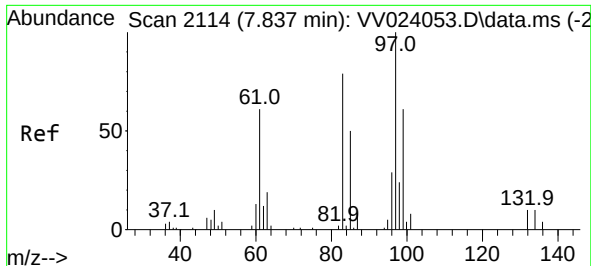
Tgt Ion: 75 Resp: 42018

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4

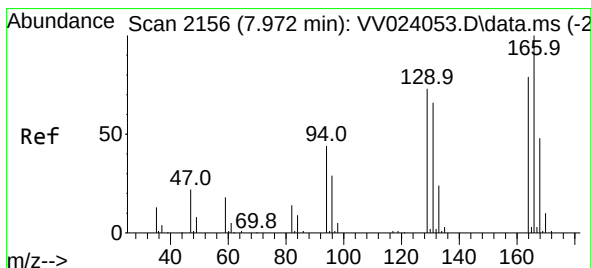
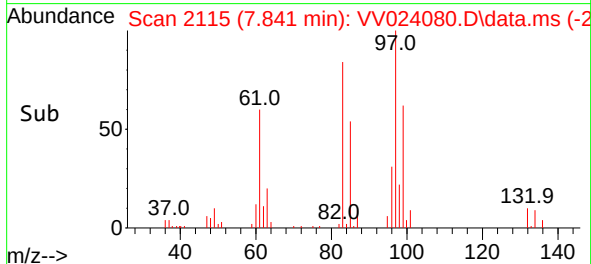
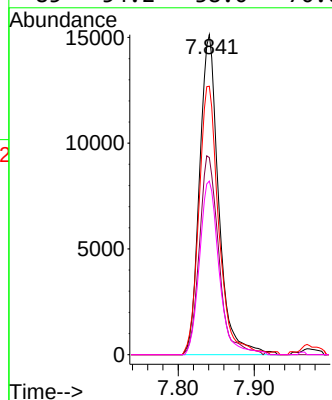
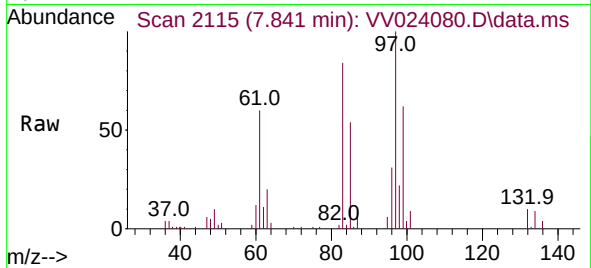




#45
1,1,2-Trichloroethane
Concen: 5.653 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

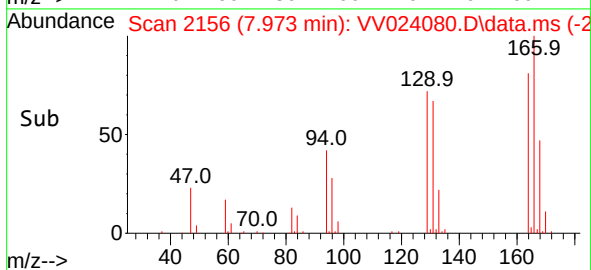
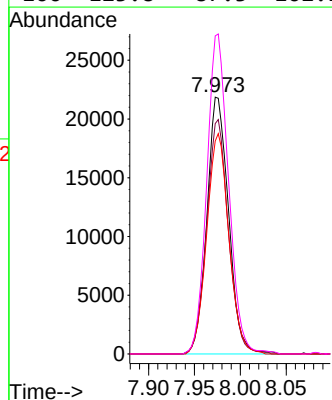
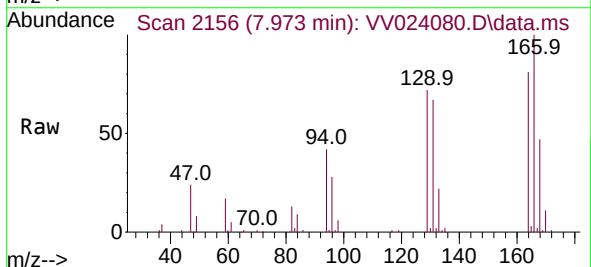
Instrument :
MSVOA_V
ClientSampleId :

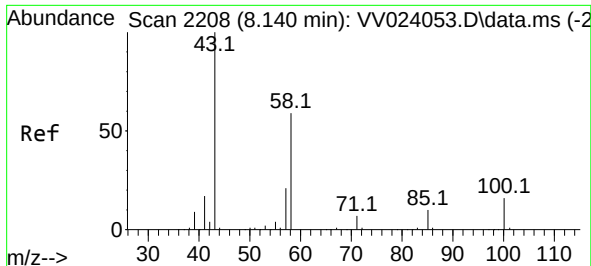
Tgt Ion: 97	Resp: 26532
Ion Ratio	Lower Upper
97 100	
99 61.6	43.1 80.1
83 83.9	57.9 107.5
85 54.2	38.0 70.6



#47
Tetrachloroethene
Concen: 5.430 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

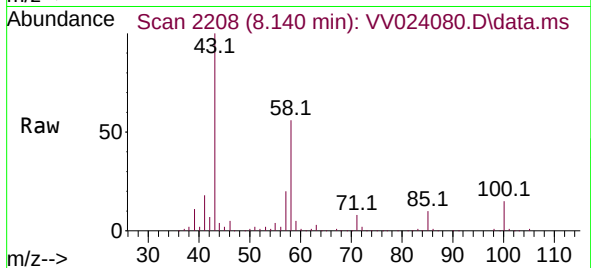
Tgt	Ion:164	Resp:	35988
Ion	Ratio	Lower	Upper
164	100		
129	89.7	62.6	116.2
131	82.9	61.0	113.4
166	123.8	87.3	162.1



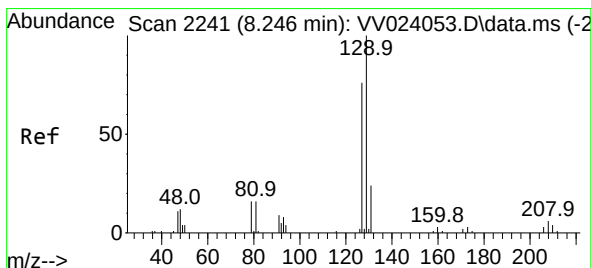
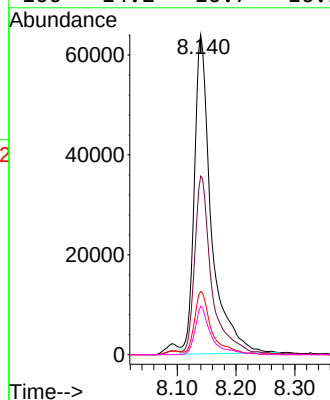
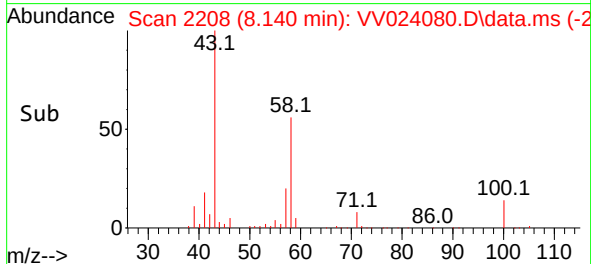


#48
2-Hexanone
Concen: 58.096 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Instrument :
MSVOA_V
ClientSampleId :

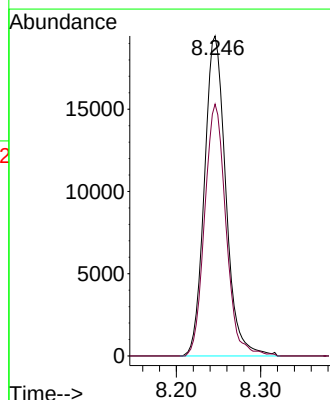
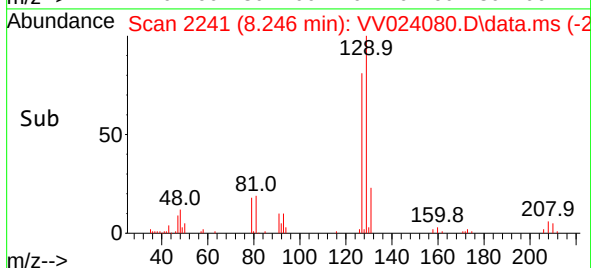
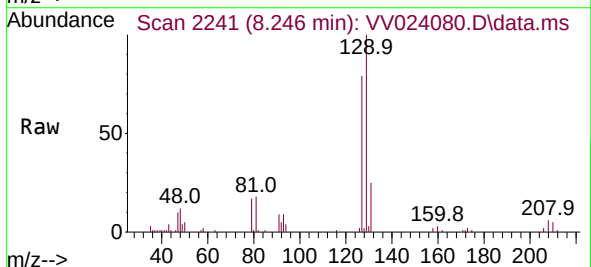


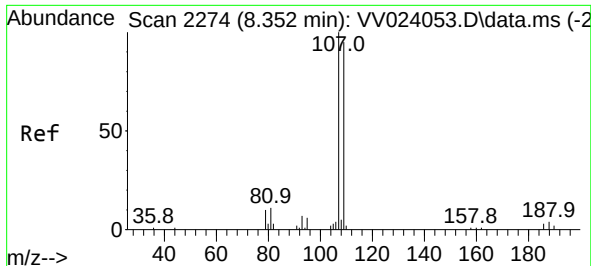
Tgt Ion: 43 Resp: 128378
Ion Ratio Lower Upper
43 100
58 55.9 44.5 66.7
57 18.7 15.1 22.7
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 5.388 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion: 129 Resp: 34407
Ion Ratio Lower Upper
129 100
127 78.7 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.752 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024080.D

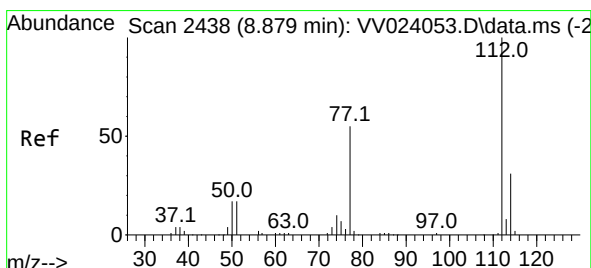
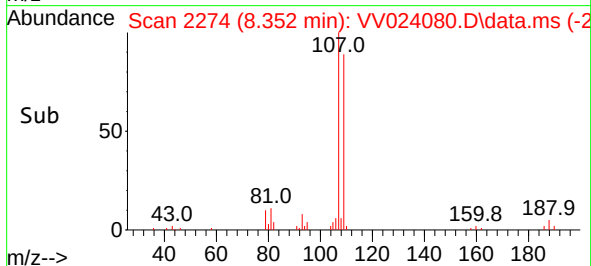
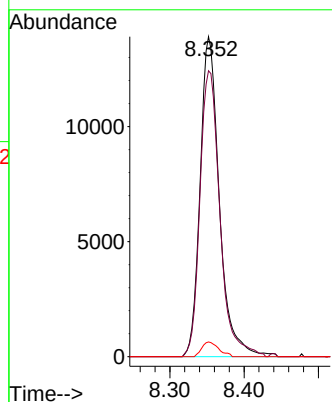
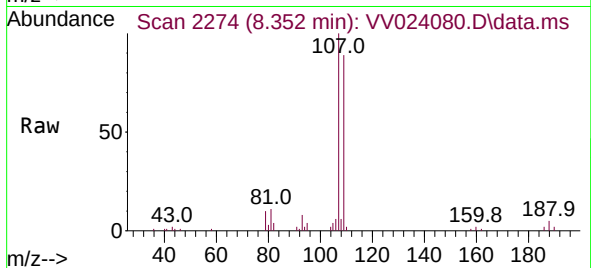
Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25066
Ion Ratio	Lower	Upper
107	100	
109	89.3	62.5 116.1
188	4.6	3.4 5.2



#51

Chlorobenzene

Concen: 5.508 ug/L

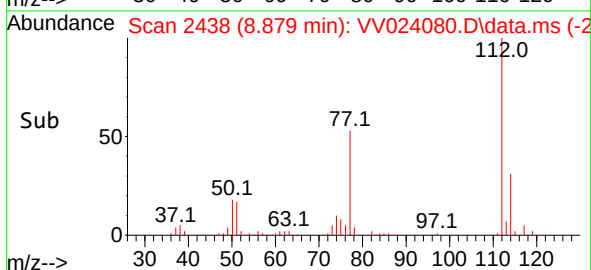
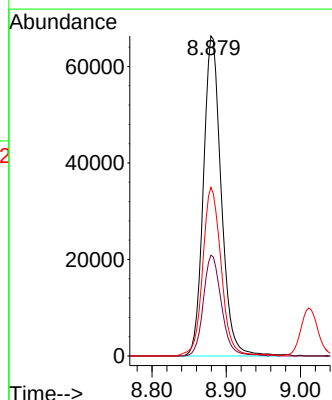
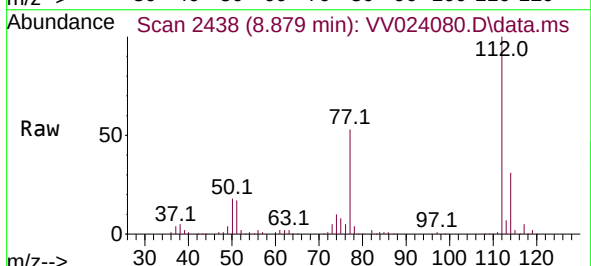
RT: 8.879 min Scan# 2438

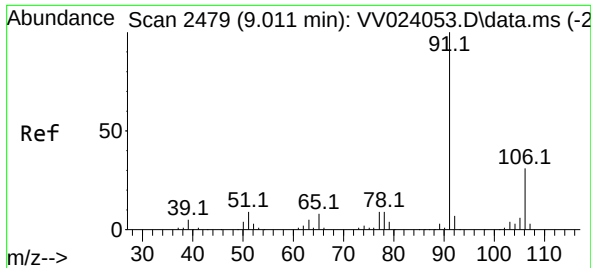
Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Tgt Ion:112	Resp:	110583
Ion Ratio	Lower	Upper
112	100	
114	31.5	23.3 43.3
77	52.7	43.3 64.9

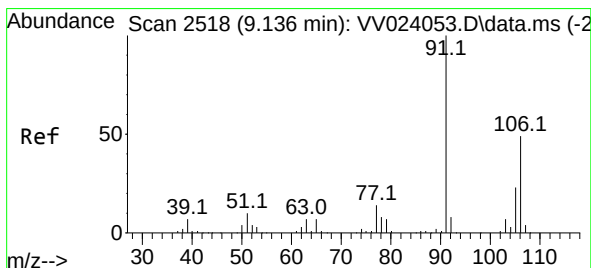
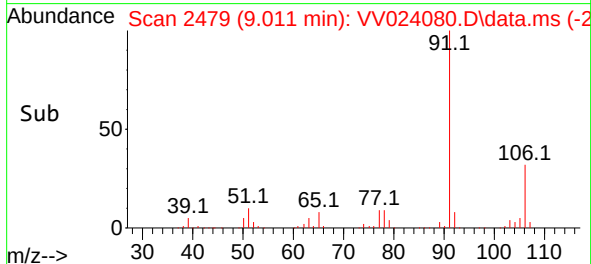
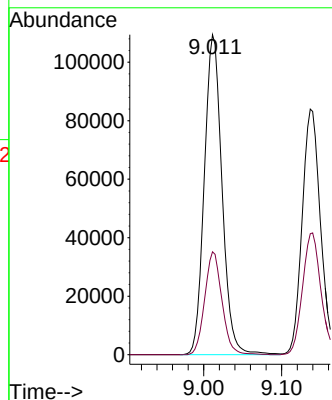
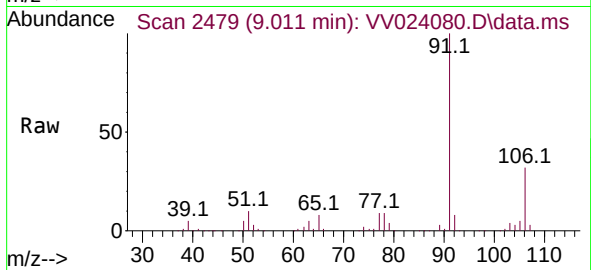




#52
Ethylbenzene
Concen: 5.457 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

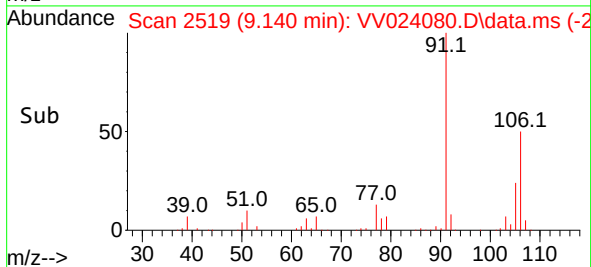
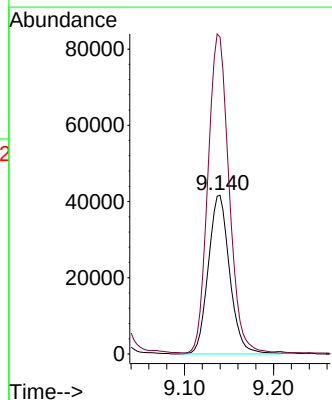
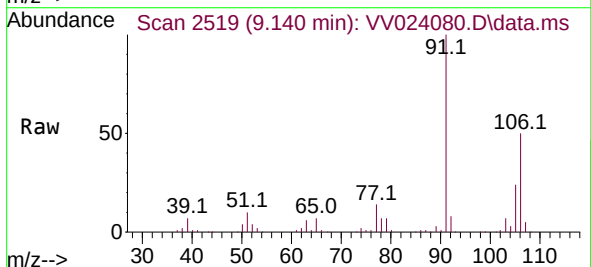
Instrument :
MSVOA_V
ClientSampleId :

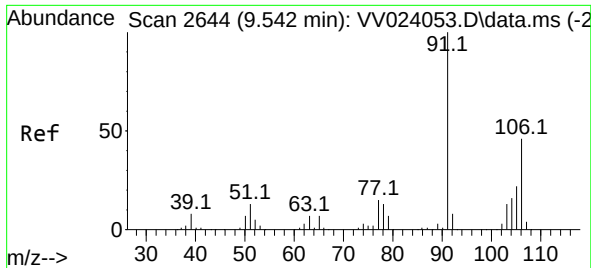
Tgt Ion: 91 Resp: 172951
Ion Ratio Lower Upper
91 100
106 32.2 22.0 41.0



#53
m,p-xylene
Concen: 5.522 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion: 106 Resp: 69213
Ion Ratio Lower Upper
106 100
91 199.7 139.5 259.1

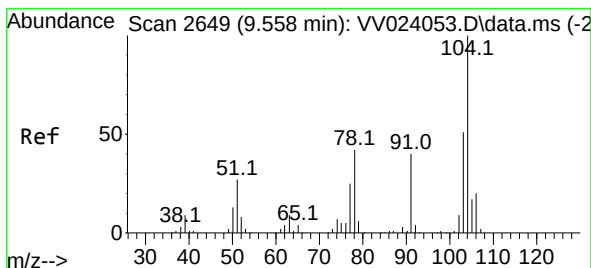
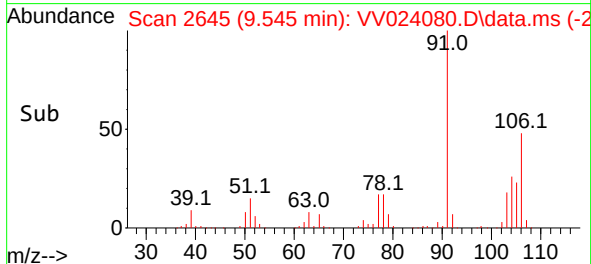
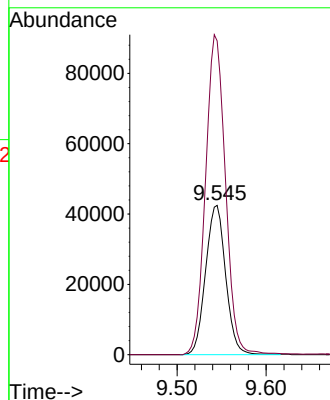
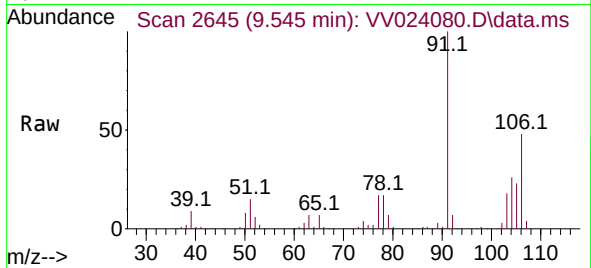




#54
o-xylene
Concen: 5.481 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

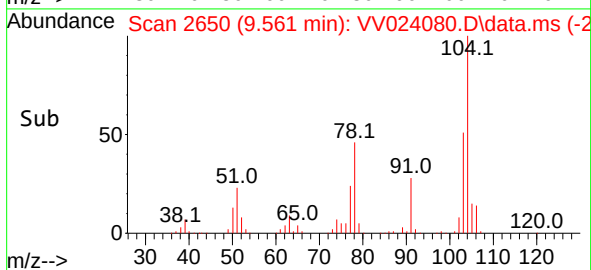
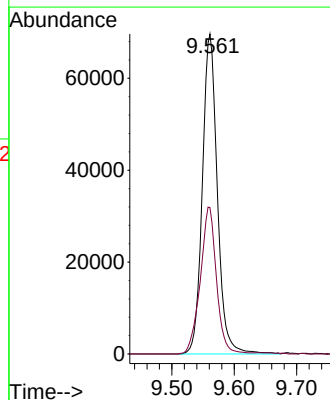
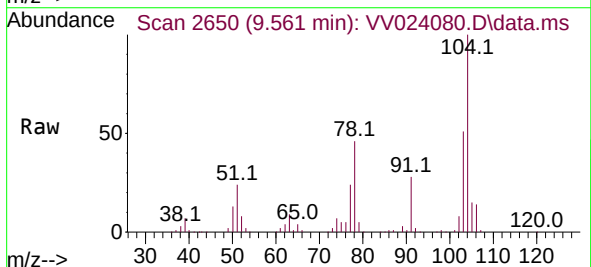
Instrument :
MSVOA_V
ClientSampleId :

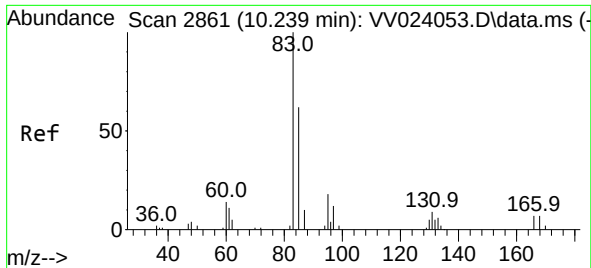
Tgt Ion:106 Resp: 66435
Ion Ratio Lower Upper
106 100
91 210.1 147.9 274.7



#55
Styrene
Concen: 5.781 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion:104 Resp: 116651
Ion Ratio Lower Upper
104 100
78 45.8 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: VV024080.D

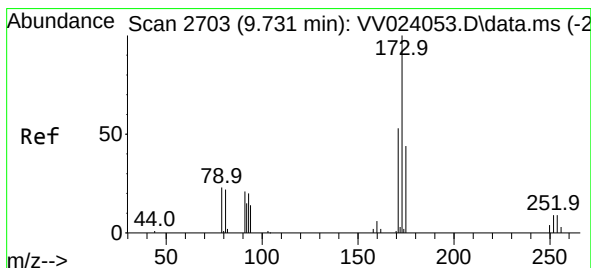
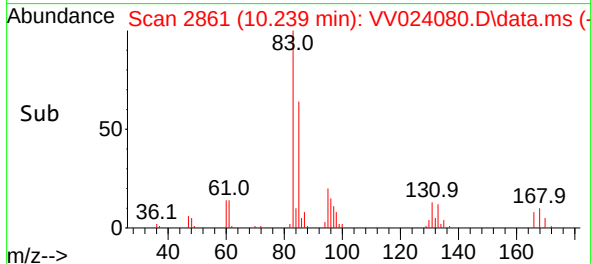
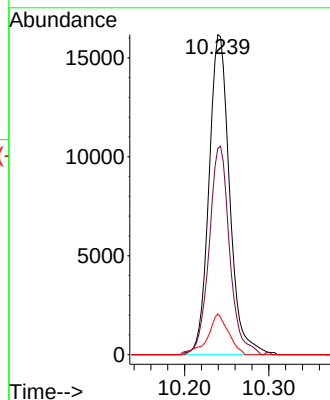
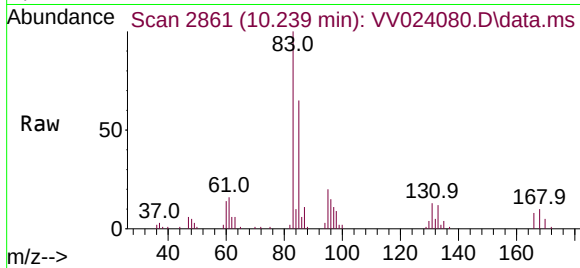
Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	27517
Ion	Ratio	Lower	Upper
83	100		
85	64.5	44.6	82.8
131	12.7	8.3	12.5



#59

Bromoform

Concen: 4.972 ug/L

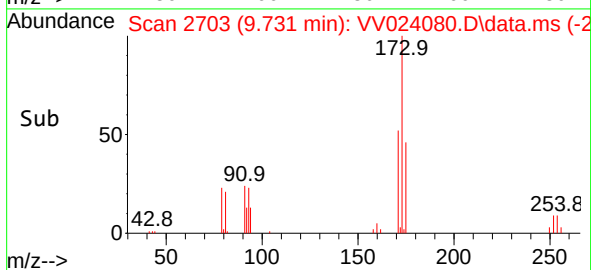
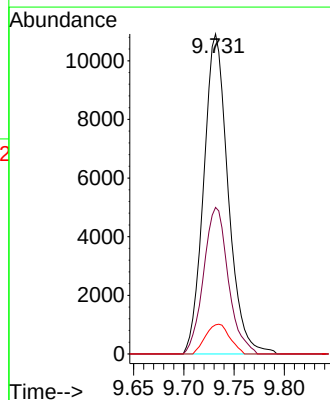
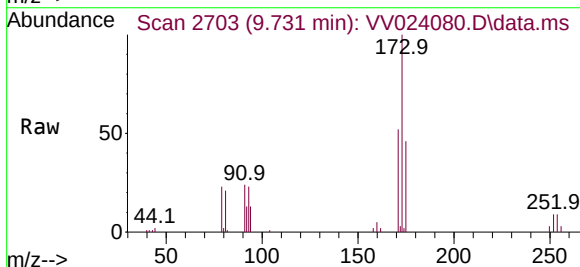
RT: 9.731 min Scan# 2703

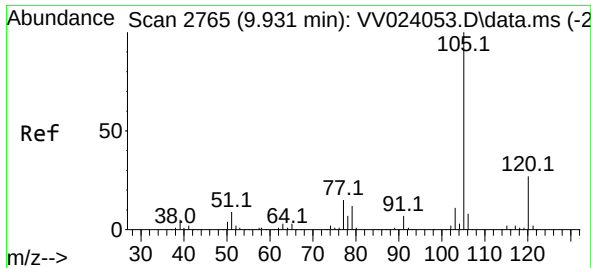
Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Tgt Ion:	173	Resp:	18434
Ion	Ratio	Lower	Upper
173	100		
175	46.3	39.4	59.2
254	9.2	7.4	11.0

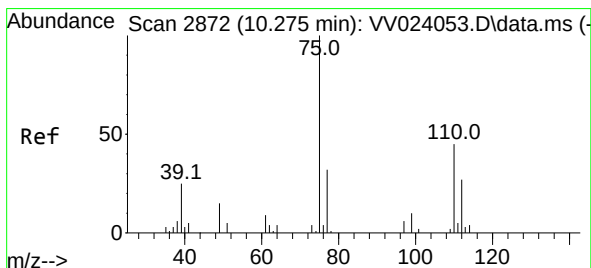
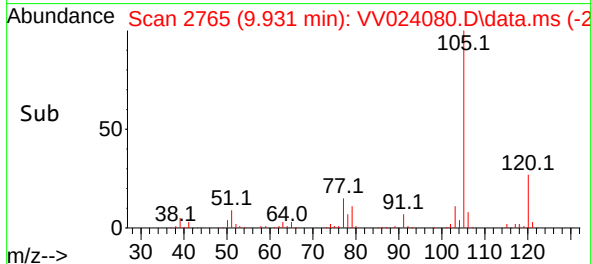
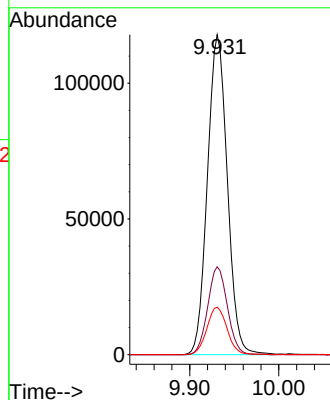
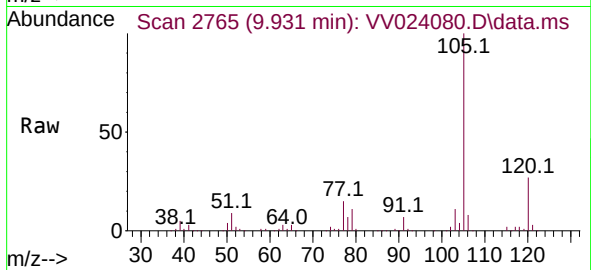




#60
Isopropylbenzene
Concen: 5.387 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

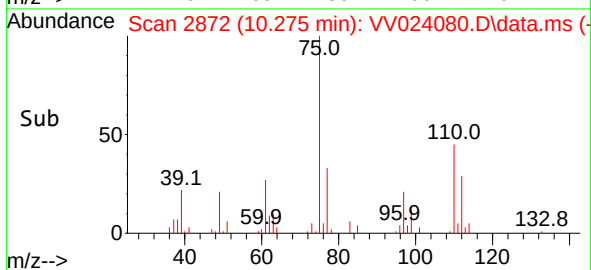
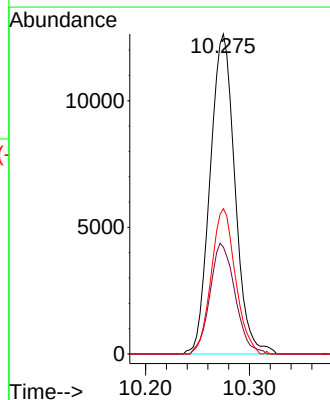
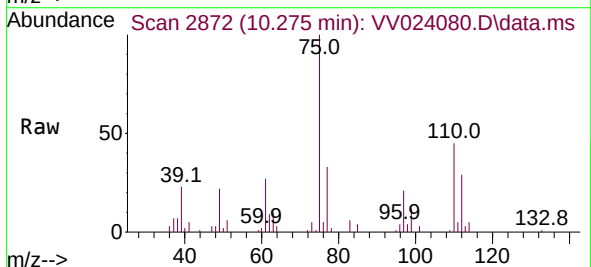
Instrument :
MSVOA_V
ClientSampleId :

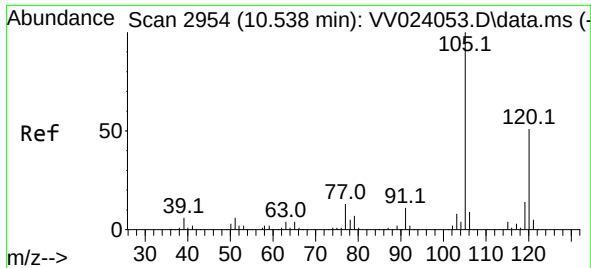
Tgt Ion:105 Resp: 182743
Ion Ratio Lower Upper
105 100
120 27.2 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.317 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion: 75 Resp: 20924
Ion Ratio Lower Upper
75 100
77 34.9 26.4 39.6
110 44.2 34.2 51.2

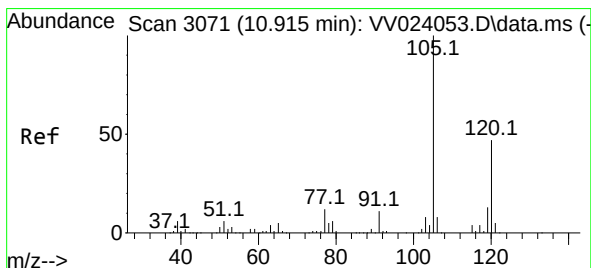
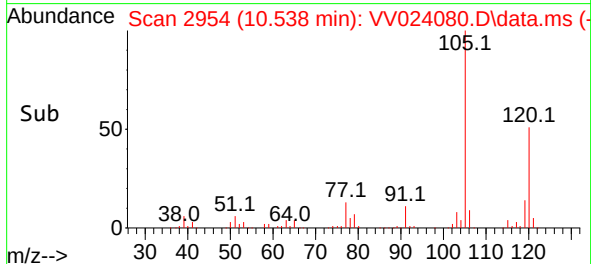
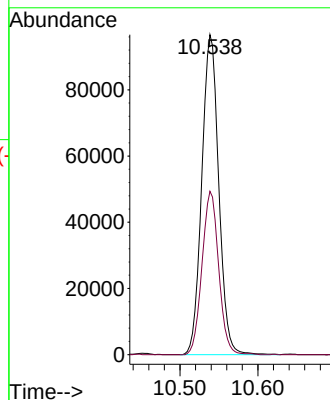
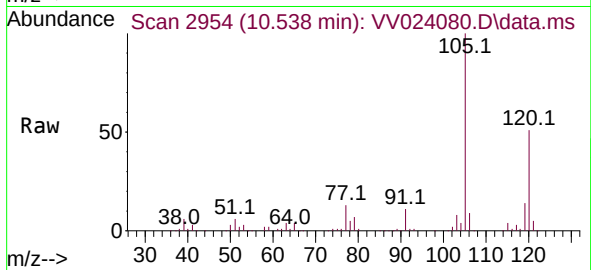




#62
 1,3,5-Trimethylbenzene
 Concen: 5.191 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

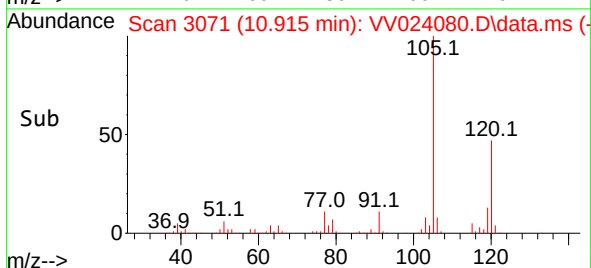
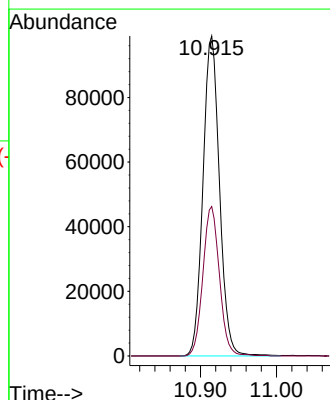
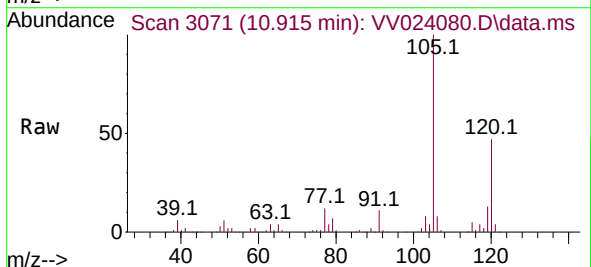
Instrument :
 MSVOA_V
 ClientSampleId :

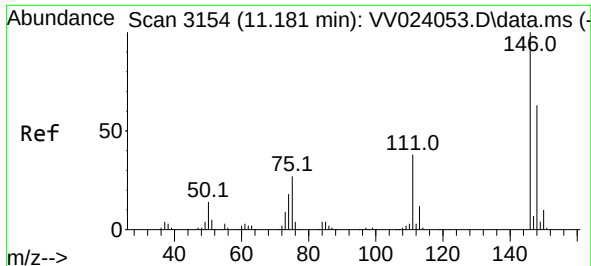
Tgt Ion:105 Resp: 146055
 Ion Ratio Lower Upper
 105 100
 120 50.2 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.334 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

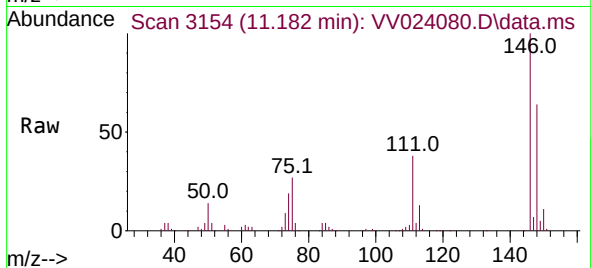
Tgt Ion:105 Resp: 149524
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.7 55.1



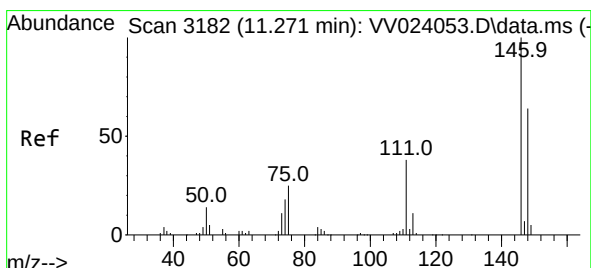
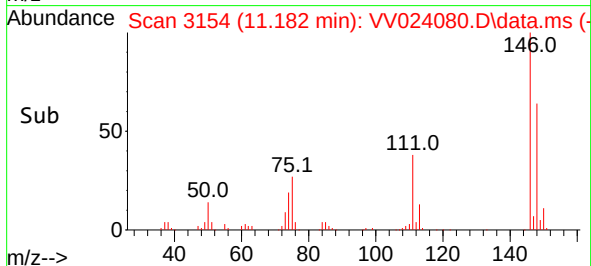
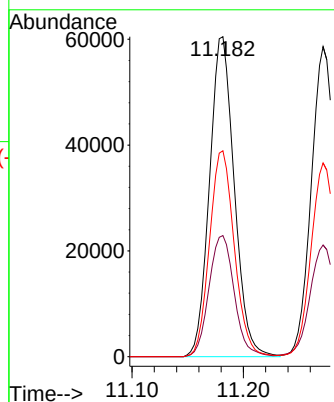


#64
 1,3-Dichlorobenzene
 Concen: 5.388 ug/L
 RT: 11.182 min Scan# 3154
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28

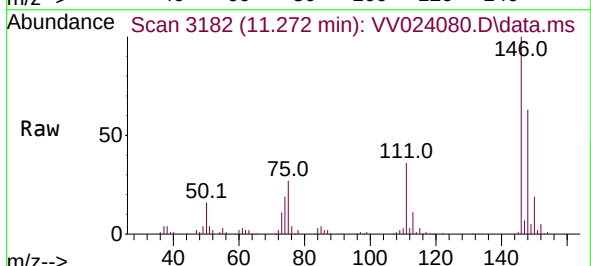
Instrument :
 MSVOA_V
 ClientSampleId :



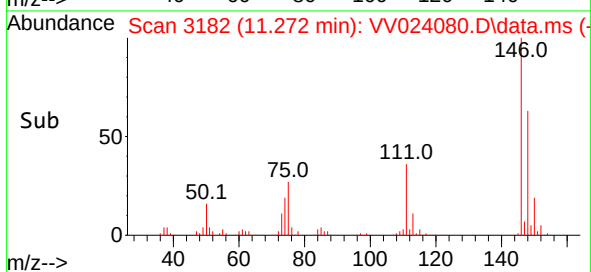
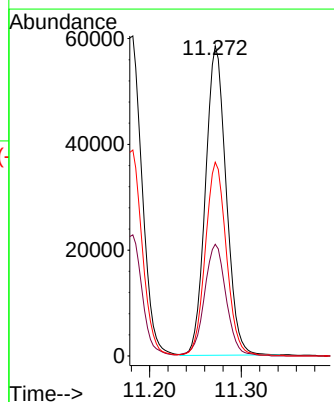
Tgt Ion:146 Resp: 93475
 Ion Ratio Lower Upper
 146 100
 111 37.9 26.3 48.9
 148 64.4 44.4 82.5

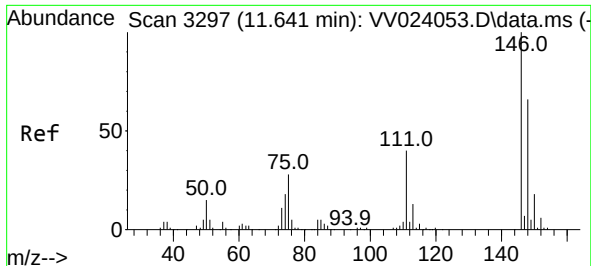


#65
 1,4-Dichlorobenzene
 Concen: 5.263 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV024080.D
 Acq: 17 Dec 2021 21:28



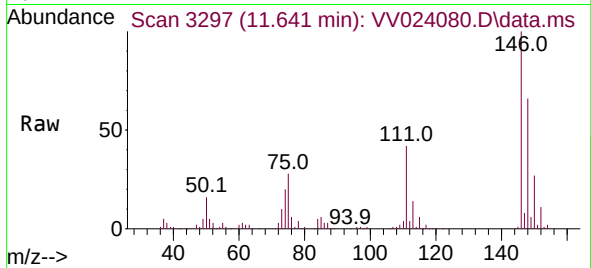
Tgt Ion:146 Resp: 91701
 Ion Ratio Lower Upper
 146 100
 111 36.0 25.6 47.6
 148 62.5 44.8 83.2



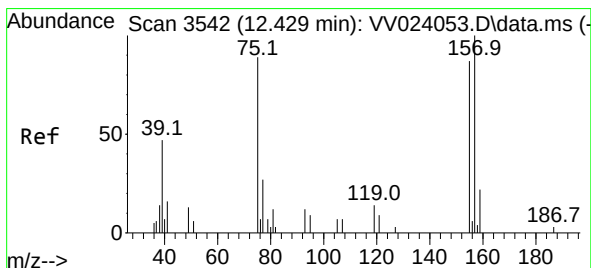
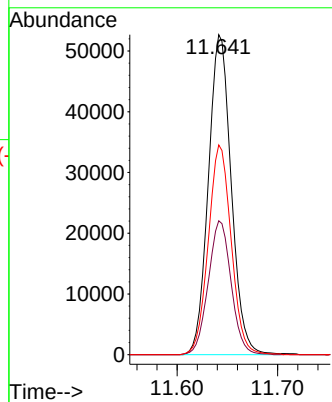
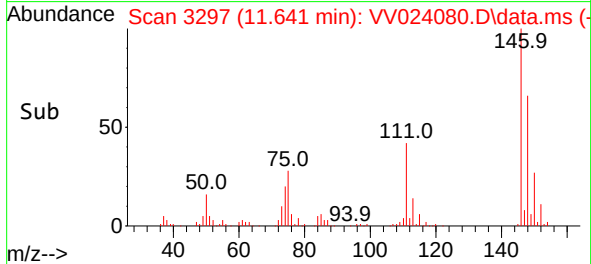


#67
1,2-Dichlorobenzene
Concen: 5.237 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

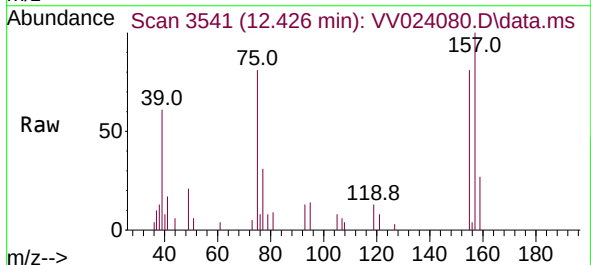
Instrument :
MSVOA_V
ClientSampleId :



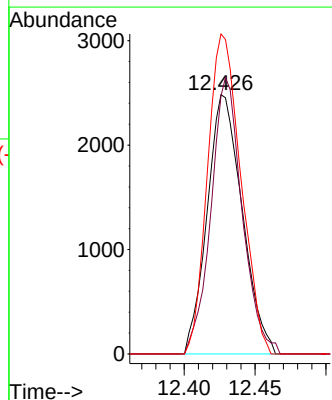
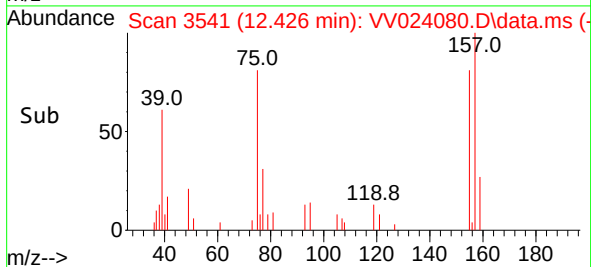
Tgt Ion:146 Resp: 83239
Ion Ratio Lower Upper
146 100
111 41.8 31.9 47.9
148 65.6 50.5 75.7

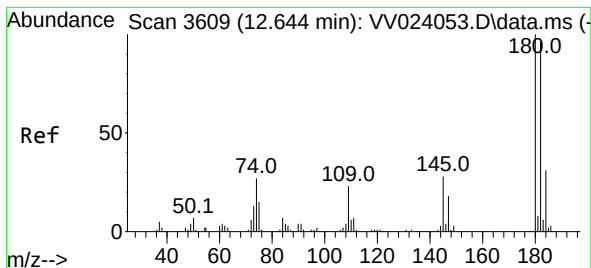


#68
1,2-Dibromo-3-chloropropane
Concen: 4.966 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28



Tgt Ion: 75 Resp: 4269
Ion Ratio Lower Upper
75 100
155 99.4 71.7 107.5
157 123.4 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.017 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

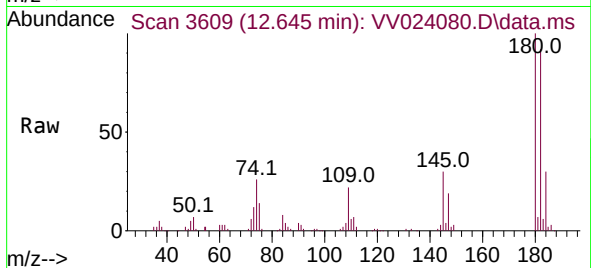
Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 71585

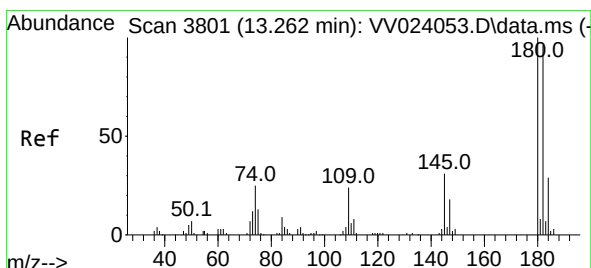
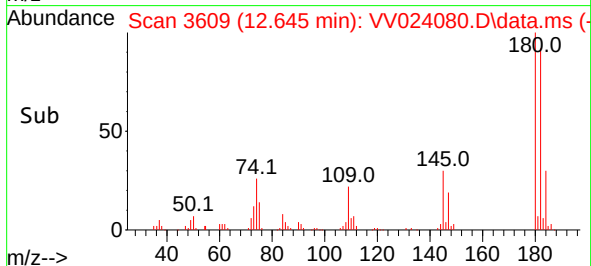
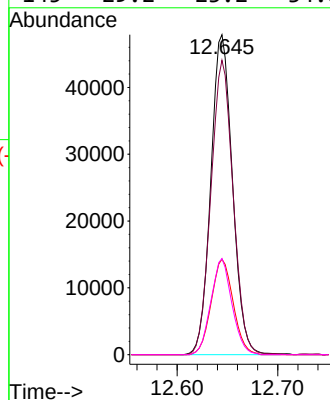
Ion Ratio Lower Upper

180 100

182 94.2 76.4 114.6

184 30.3 24.2 36.4

145 29.2 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 4.663 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV024080.D

Acq: 17 Dec 2021 21:28

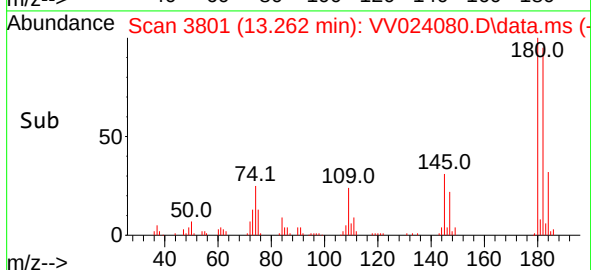
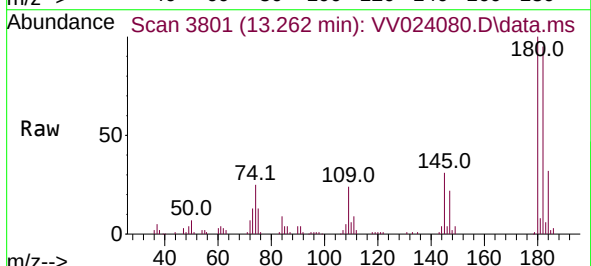
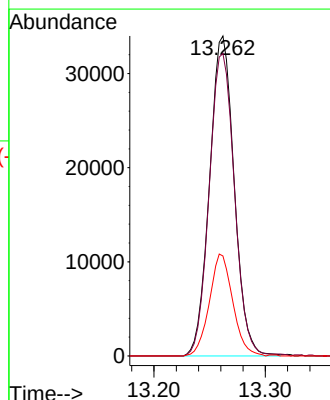
Tgt Ion:180 Resp: 52256

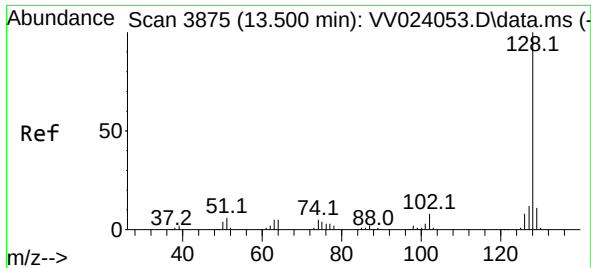
Ion Ratio Lower Upper

180 100

182 96.6 74.4 111.6

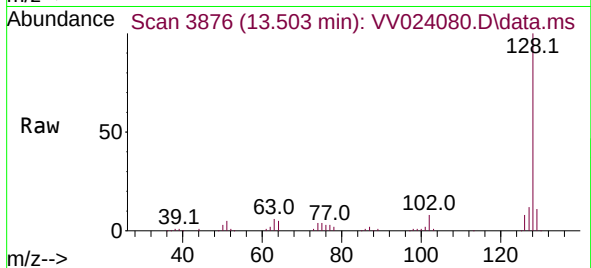
145 30.2 23.3 34.9



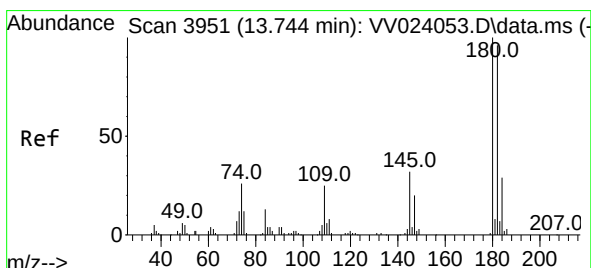
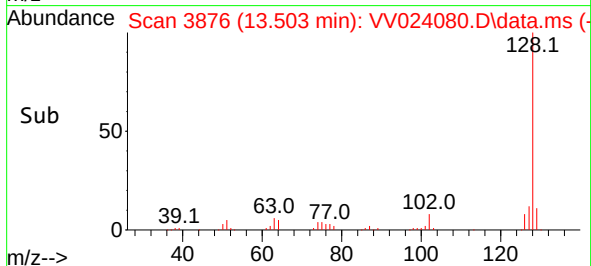
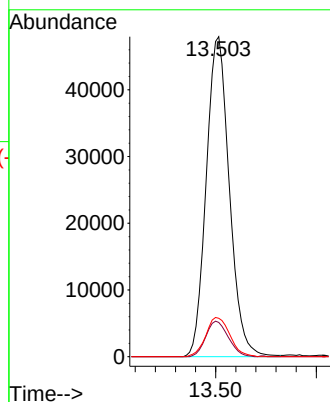


#71
Naphthalene
Concen: 4.750 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 76502
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.006 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024080.D
Acq: 17 Dec 2021 21:28

Tgt Ion:180 Resp: 49531
Ion Ratio Lower Upper
180 100
182 96.4 76.8 115.2
145 32.9 25.8 38.6

