

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VV024051.D
 Acq On : 17 Dec 2021 07:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 07:45:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	97289	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	99222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58945	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	24599	4.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.565	69	19956	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.108	63	55001	5.387	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	3.912	46	38732	37.905	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.800%
24) Chloroform-d	4.349	84	57383	4.844	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.037	65	26082	4.729	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.050	84	101344	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.072	67	27909	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	100693	5.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	7.625	79	11584	4.709	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.092	63	43140	39.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.360%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	20755	4.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	38872	4.937	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	44230	5.223	ug/L	98
3) Chloromethane	1.240	50	36377	5.028	ug/L	97
5) Vinyl chloride	1.307	62	40789	5.198	ug/L	99
6) Bromomethane	1.520	94	25956	5.205	ug/L	99
8) Chloroethane	1.584	64	26009	5.094	ug/L	97
9) Trichlorofluoromethane	1.751	101	75390	5.529	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	38535	5.366	ug/L	98
12) 1,1-Dichloroethene	2.118	96	35191	5.391	ug/L	93
13) Acetone	2.198	43	33661	41.176	ug/L	90
14) Carbon disulfide	2.291	76	92261	4.873	ug/L	99
15) Methyl Acetate	2.442	43	10089	5.092	ug/L	96
16) Methylene chloride	2.507	84	45487	5.327	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	80574	5.459	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	39076	5.408	ug/L	98
19) 1,1-Dichloroethane	3.188	63	71124	5.485	ug/L	100
21) 2-Butanone	3.995	43	52555	44.994	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	41181	5.384	ug/L	99
23) Bromochloromethane	4.249	128	19215	5.528	ug/L	95
25) Chloroform	4.375	83	79538	5.517	ug/L	98

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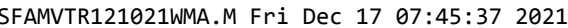
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 ClientSampleId :

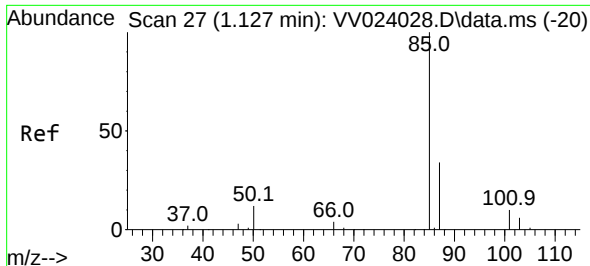
Quant Time: Dec 17 07:45:33 2021
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	43367	5.552	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	74553	5.743	ug/L	99
30) Cyclohexane	4.677	56	52551	5.104	ug/L	100
31) Carbon tetrachloride	4.828	117	66693	5.465	ug/L	99
33) Benzene	5.098	78	159180	5.671	ug/L	100
34) Trichloroethene	5.915	95	42207	5.331	ug/L	99
35) Methylcyclohexane	6.130	83	58153	4.991	ug/L	99
37) 1,2-Dichloropropane	6.172	63	37456	5.614	ug/L	100
38) Bromodichloromethane	6.510	83	53007	5.609	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	47888	4.835	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	188085	58.689	ug/L	97
42) Toluene	7.388	91	177254	5.611	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	43115	5.036	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	27560	5.584	ug/L	97
47) Tetrachloroethene	7.976	164	37537	5.385	ug/L	97
48) 2-Hexanone	8.140	43	135419	58.276	ug/L	98
49) Dibromochloromethane	8.246	129	36804	5.481	ug/L	94
50) 1,2-Dibromoethane	8.355	107	25967	5.667	ug/L	93
51) Chlorobenzene	8.883	112	113549	5.378	ug/L	100
52) Ethylbenzene	9.011	91	183567	5.507	ug/L	99
53) m,p-xylene	9.140	106	72193	5.477	ug/L	100
54) o-xylene	9.545	106	70334	5.518	ug/L	98
55) Styrene	9.561	104	122519	5.774	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	28257	5.228	ug/L	92
59) Bromoform	9.731	173	19012	5.026	ug/L	99
60) Isopropylbenzene	9.931	105	191036	5.520	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22139	5.513	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	156586	5.454	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	158423	5.539	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	99669	5.631	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	95989	5.400	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	90138	5.559	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	4937	5.629	ug/L	83
69) 1,3,5-Trichlorobenzene	12.645	180	75660	5.197	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	57452	5.025	ug/L	98
71) Naphthalene	13.503	128	84639	5.150	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	54196	5.369	ug/L	97

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

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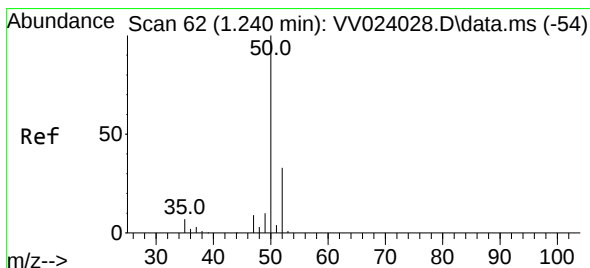
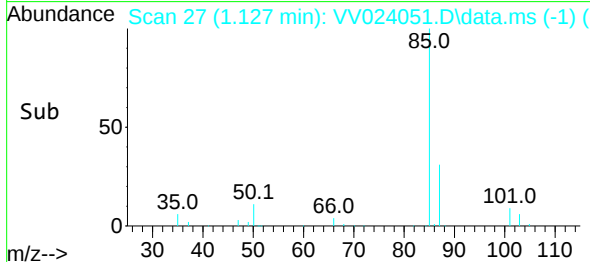
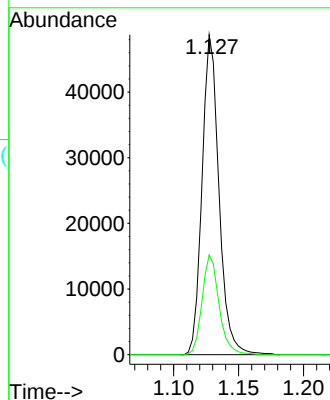
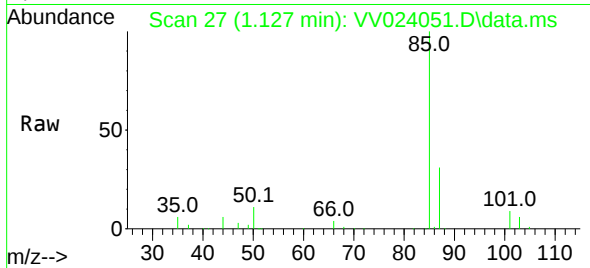




#2
 Dichlorodifluoromethane
 Concen: 5.223 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

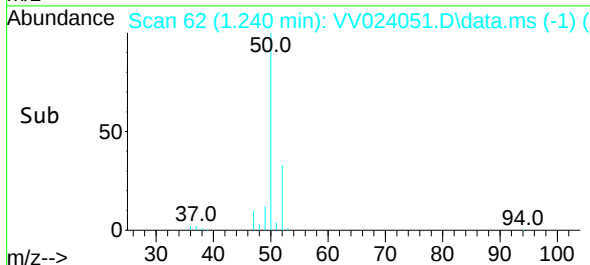
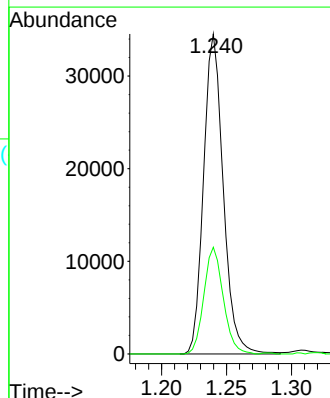
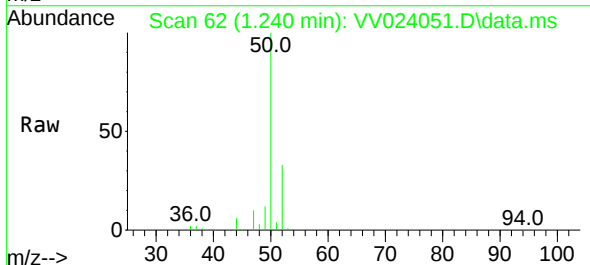
Instrument :
 MSVOA_V
 ClientSampleId :

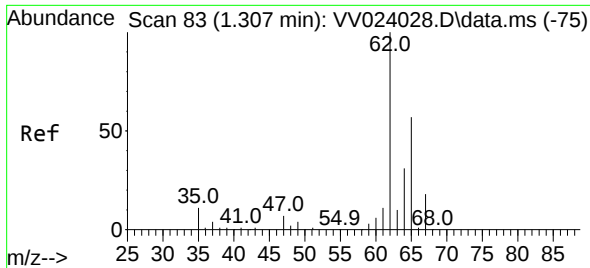
Tgt Ion: 85 Resp: 44230
 Ion Ratio Lower Upper
 85 100
 87 31.2 26.0 39.0



#3
 Chloromethane
 Concen: 5.028 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

Tgt Ion: 50 Resp: 36377
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.0 41.0

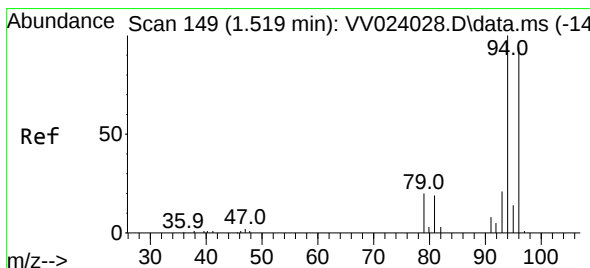
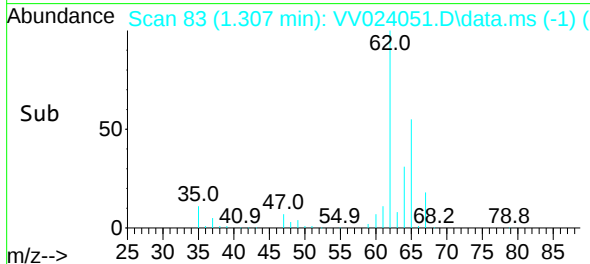
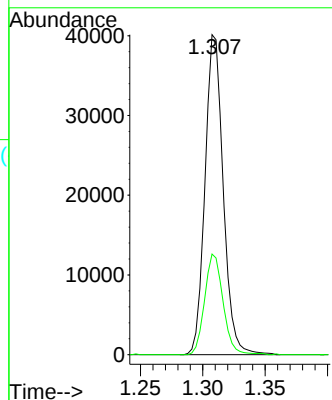
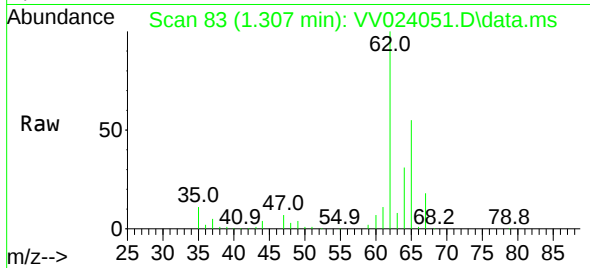




#5
 Vinyl chloride
 Concen: 5.198 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

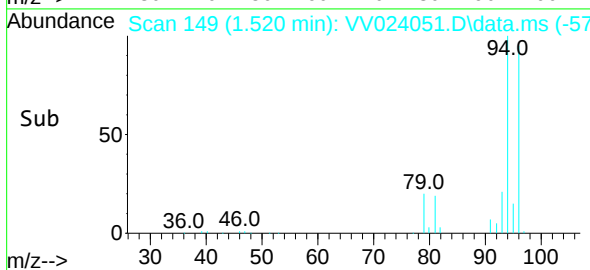
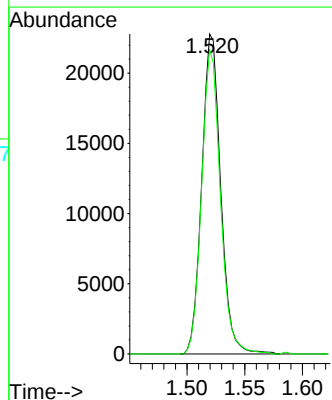
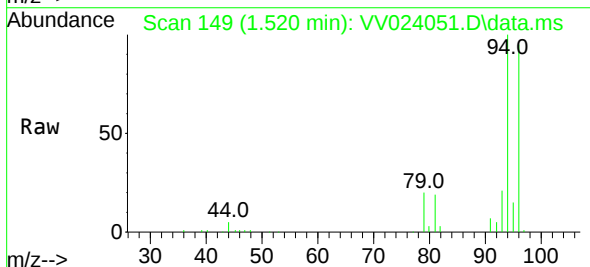
Instrument :
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 ClientSampleId :

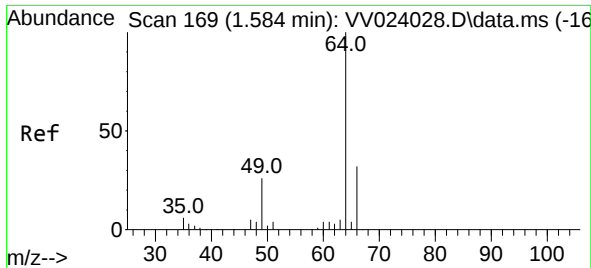
Tgt Ion: 62 Resp: 40789
 Ion Ratio Lower Upper
 62 100
 64 31.4 22.4 41.6



#6
 Bromomethane
 Concen: 5.205 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

Tgt Ion: 94 Resp: 25956
 Ion Ratio Lower Upper
 94 100
 96 95.2 66.2 123.0

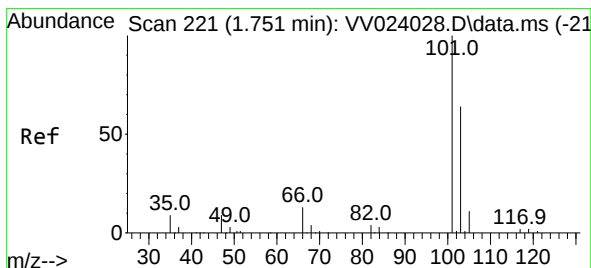
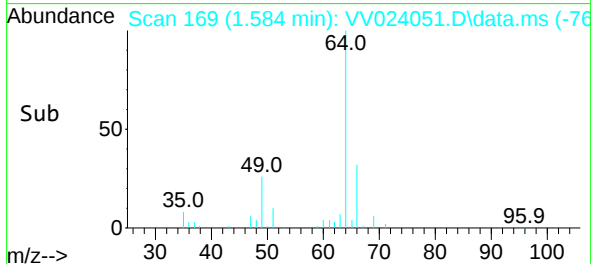
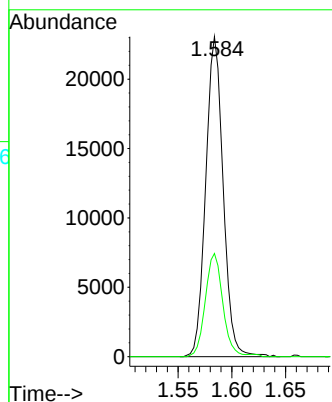
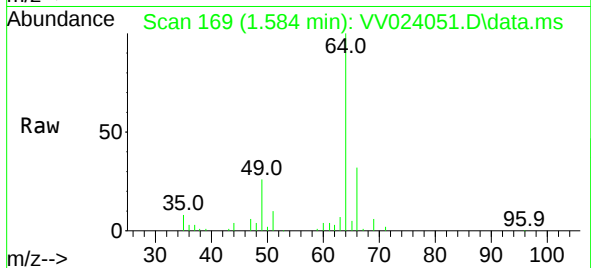




#8
Chloroethane
Concen: 5.094 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

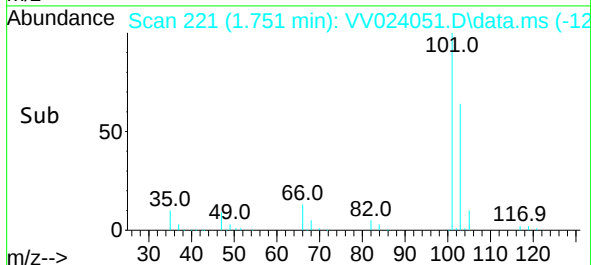
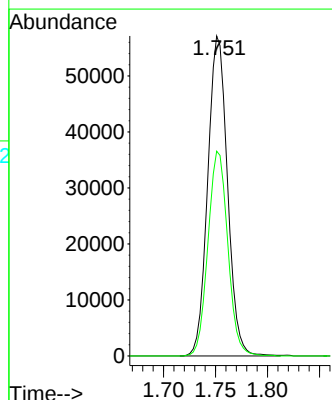
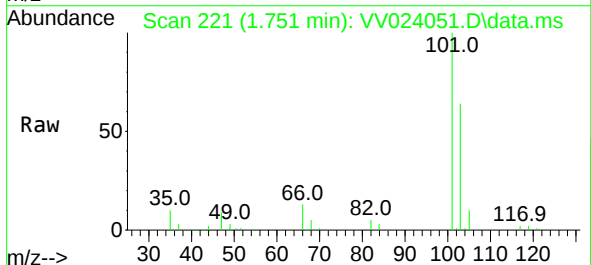
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ClientSampleId :

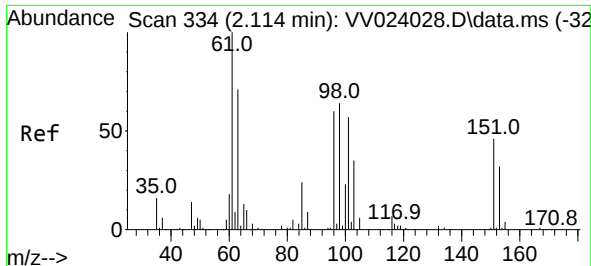
Tgt Ion: 64 Resp: 26009
Ion Ratio Lower Upper
64 100
66 32.3 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.529 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion:101 Resp: 75390
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.366 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :

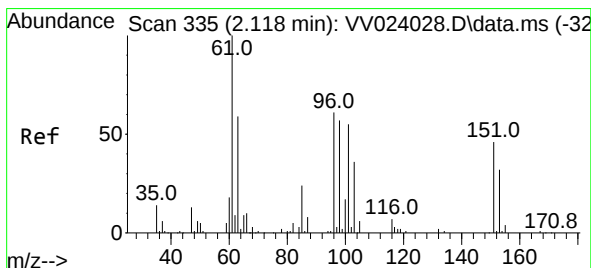
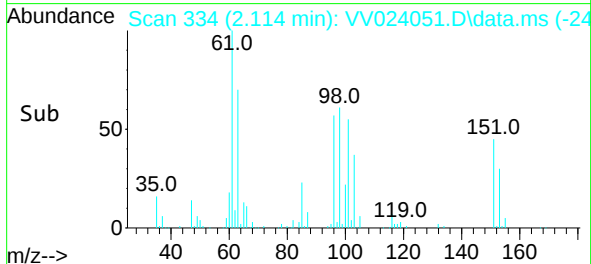
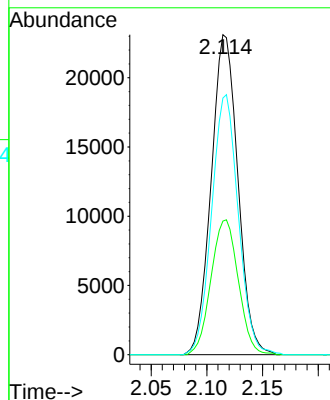
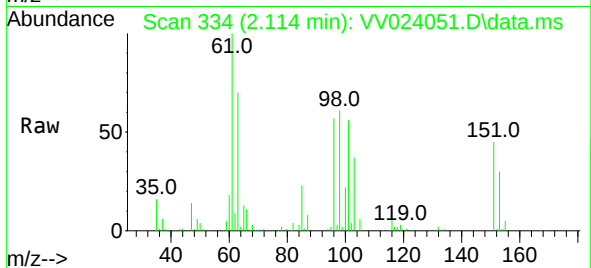
Tgt Ion:101 Resp: 38535

Ion Ratio Lower Upper

101 100

85 43.1 36.0 54.0

151 81.2 66.4 99.6



#12

1,1-Dichloroethene

Concen: 5.391 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

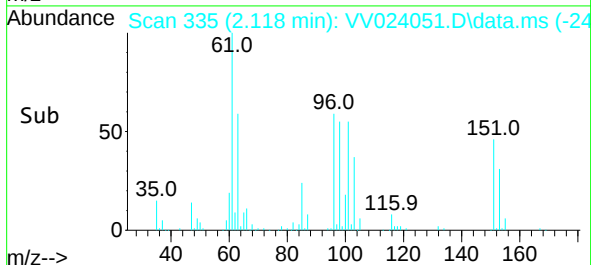
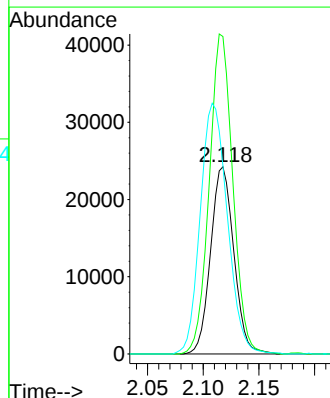
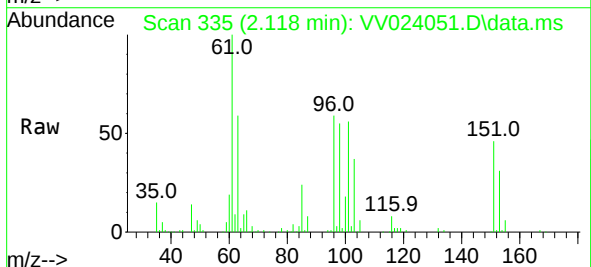
Tgt Ion: 96 Resp: 35191

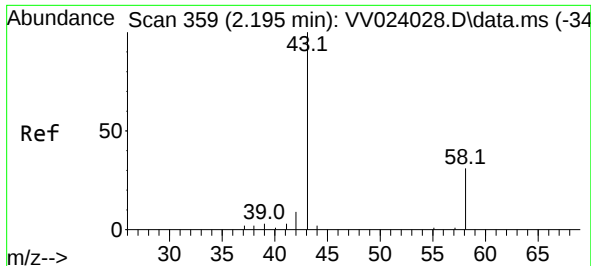
Ion Ratio Lower Upper

96 100

61 169.6 116.1 215.5

63 100.6 79.4 147.4





#13

Acetone

Concen: 41.176 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

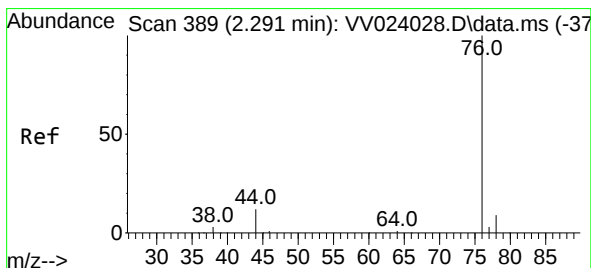
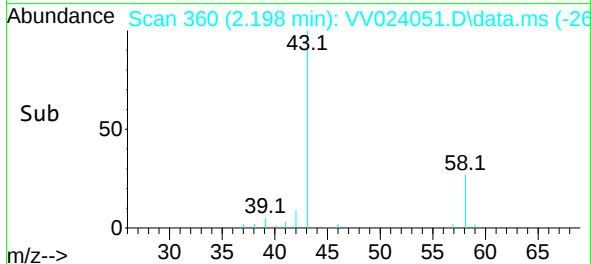
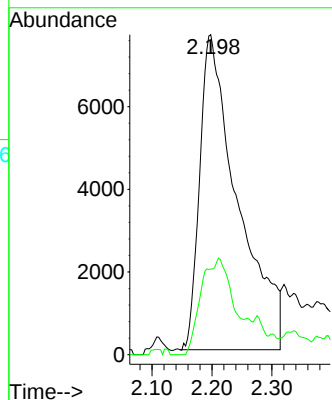
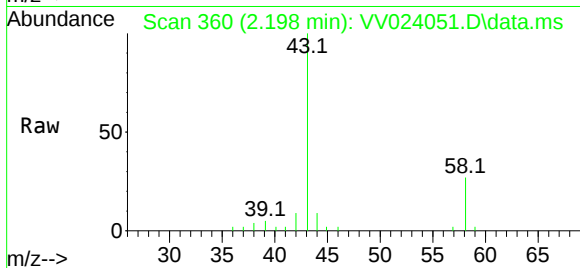
ClientSampleId :

Tgt Ion: 43 Resp: 33661

Ion Ratio Lower Upper

43 100

58 25.2 0.0 41.4



#14

Carbon disulfide

Concen: 4.873 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024051.D

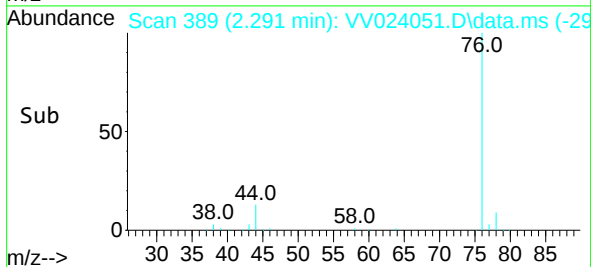
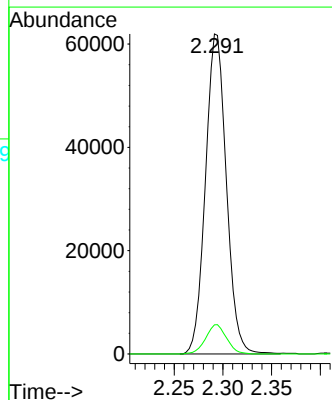
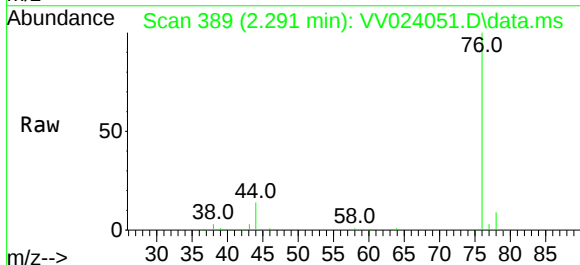
Acq: 17 Dec 2021 07:17

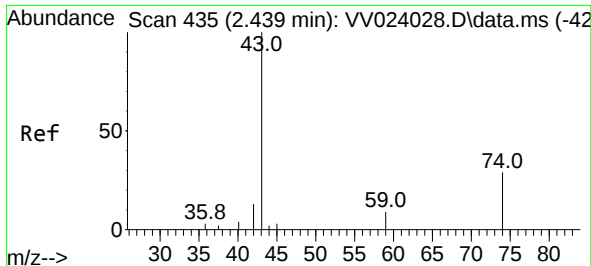
Tgt Ion: 76 Resp: 92261

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 5.092 ug/L

RT: 2.442 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

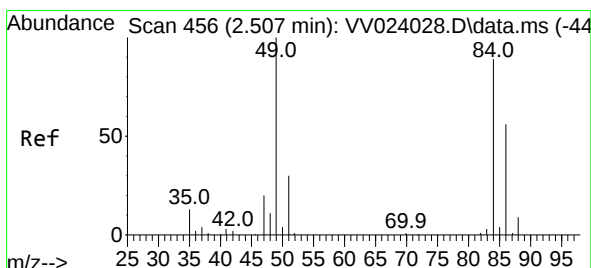
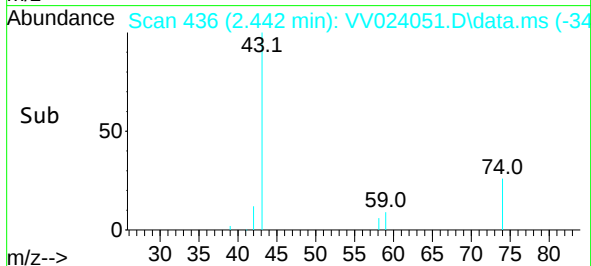
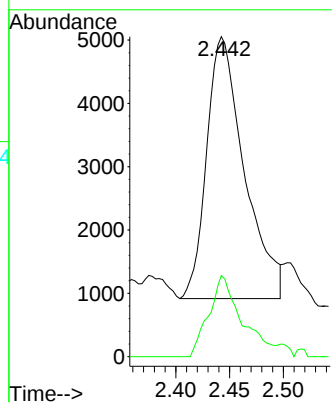
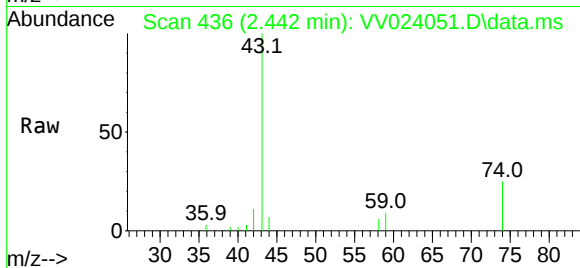
ClientSampleId :

Tgt Ion: 43 Resp: 10089

Ion Ratio Lower Upper

43 100

74 27.3 20.2 30.2



#16

Methylene chloride

Concen: 5.327 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

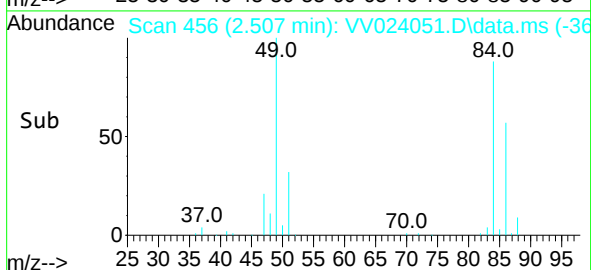
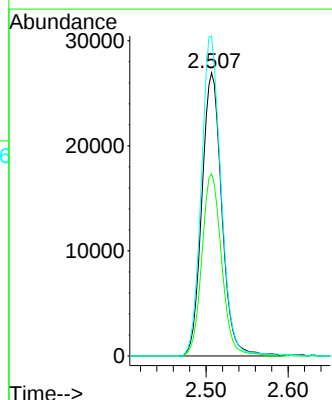
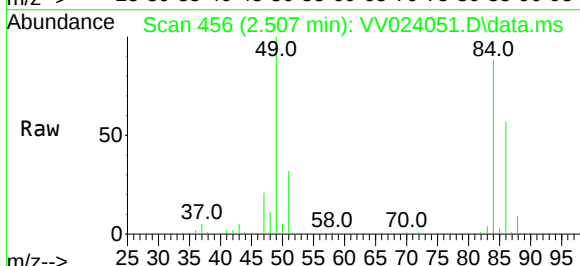
Tgt Ion: 84 Resp: 45487

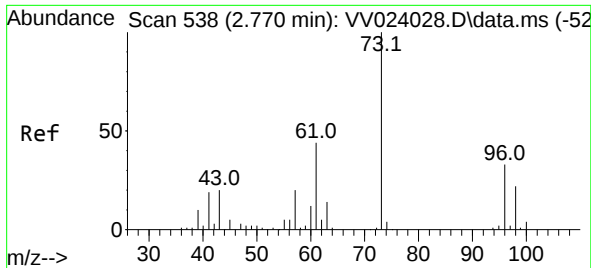
Ion Ratio Lower Upper

84 100

86 64.4 42.6 79.0

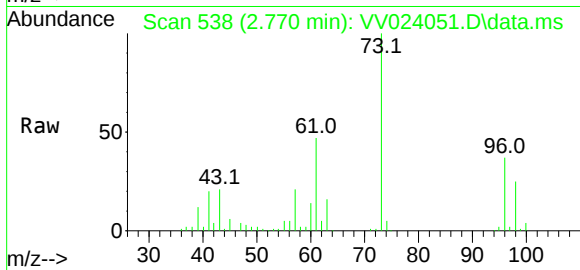
49 113.0 79.7 147.9



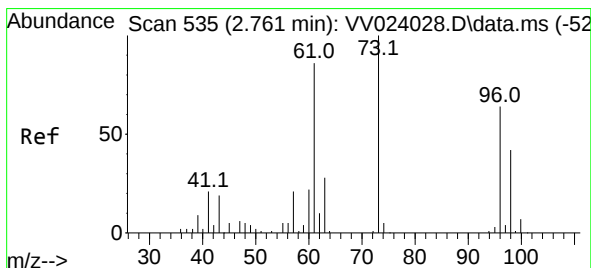
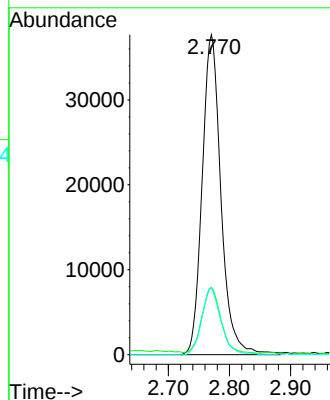
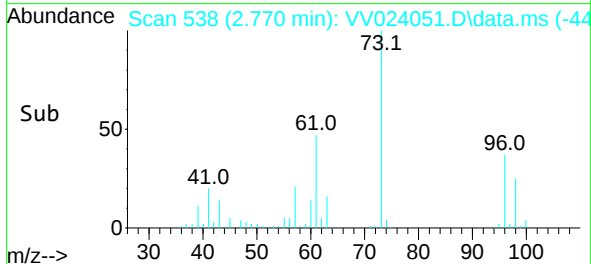


#17
Methyl tert-butyl Ether
Concen: 5.459 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :

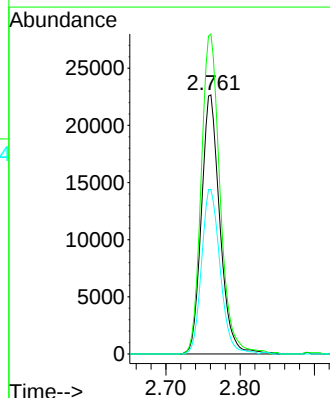
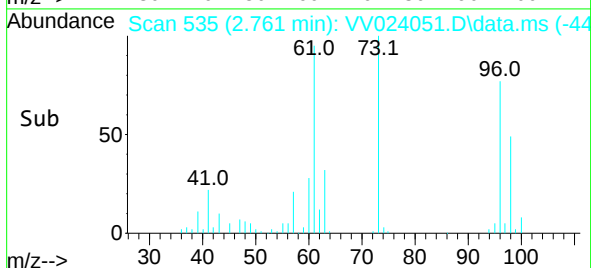
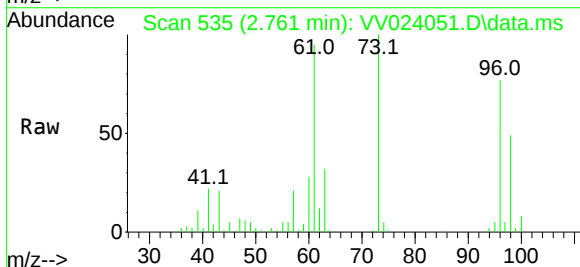


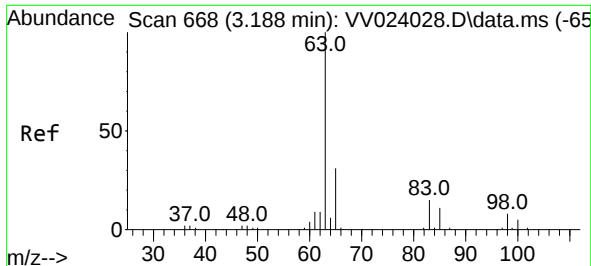
Tgt Ion: 73 Resp: 80574
Ion Ratio Lower Upper
73 100
43 20.6 15.5 23.3
57 21.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.408 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 96 Resp: 39076
Ion Ratio Lower Upper
96 100
61 123.5 88.2 163.8
98 63.5 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.485 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :

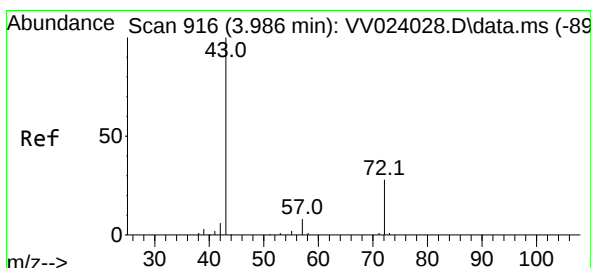
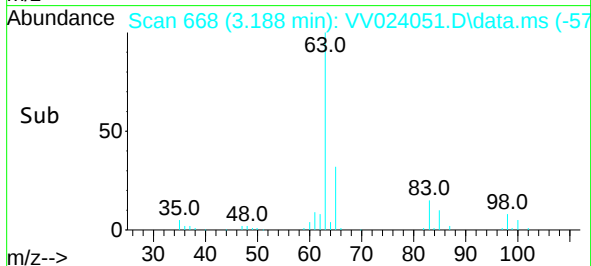
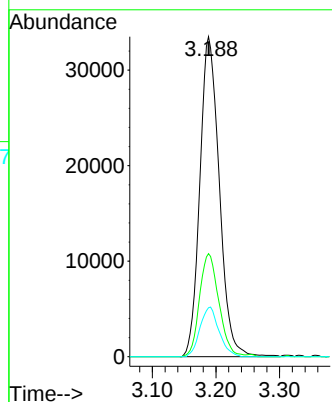
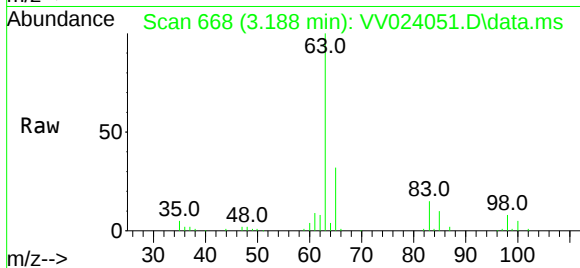
Tgt Ion: 63 Resp: 71124

Ion Ratio Lower Upper

63 100

65 32.2 22.3 41.3

83 15.3 10.7 19.9



#21

2-Butanone

Concen: 44.994 ug/L

RT: 3.995 min Scan# 919

Delta R.T. 0.007 min

Lab File: VV024051.D

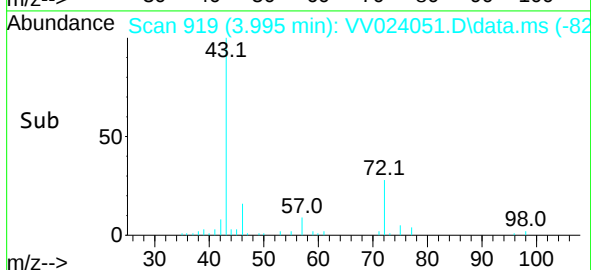
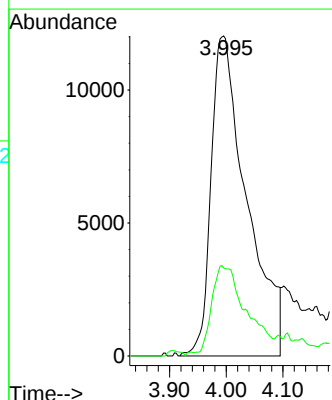
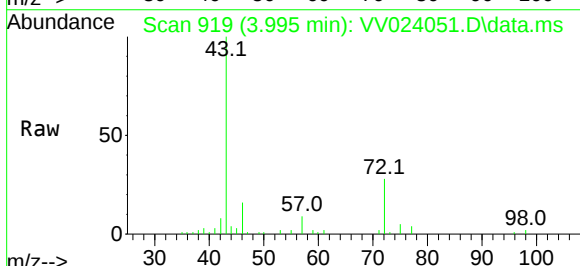
Acq: 17 Dec 2021 07:17

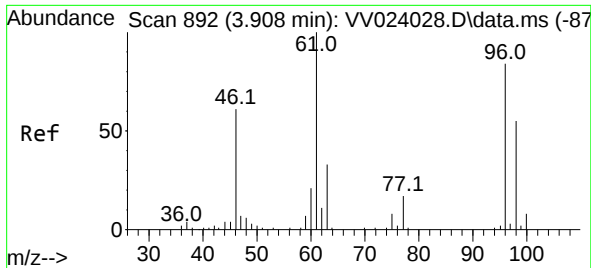
Tgt Ion: 43 Resp: 52555

Ion Ratio Lower Upper

43 100

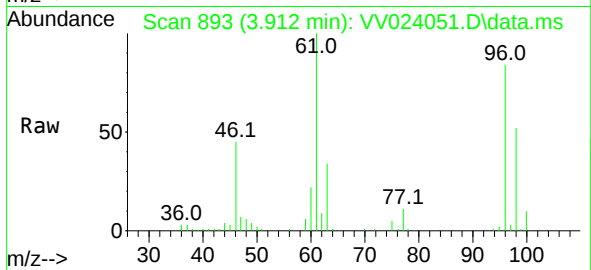
72 25.5 11.1 33.1



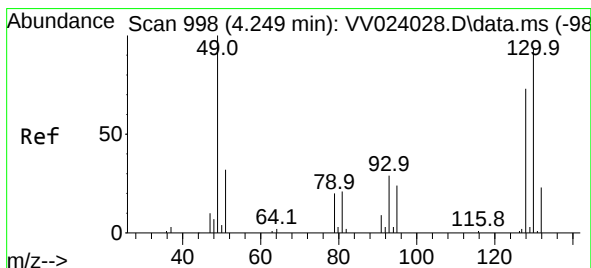
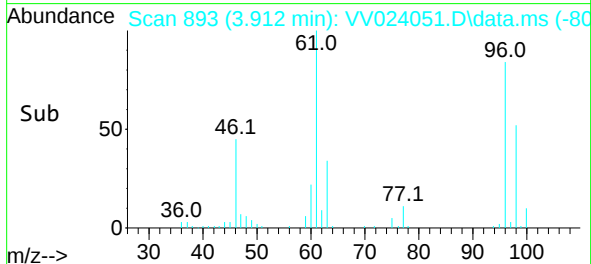
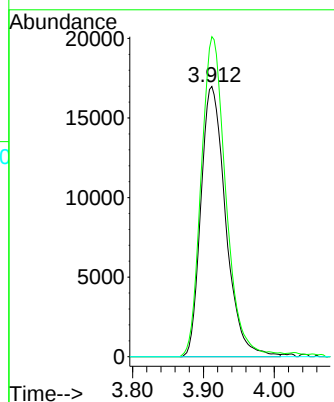


#22
 cis-1,2-Dichloroethene
 Concen: 5.384 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

Instrument :
 MSVOA_V
 ClientSampleId :

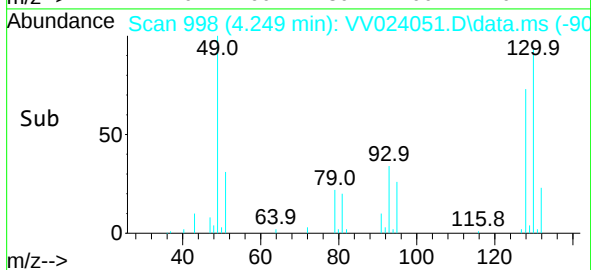
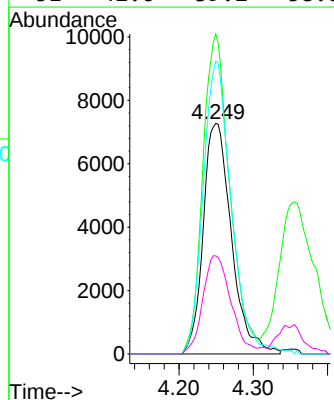
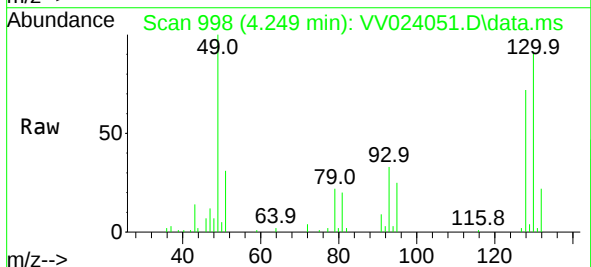


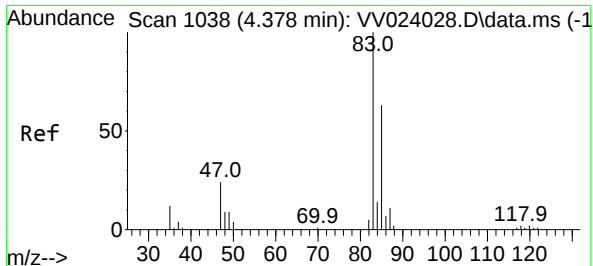
Tgt Ion: 96 Resp: 41181
 Ion Ratio Lower Upper
 96 100
 61 118.4 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.528 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV024051.D
 Acq: 17 Dec 2021 07:17

Tgt Ion:128 Resp: 19215
 Ion Ratio Lower Upper
 128 100
 49 138.8 100.2 186.2
 130 127.0 92.5 171.7
 51 42.6 39.2 58.8





#25

Chloroform

Concen: 5.517 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

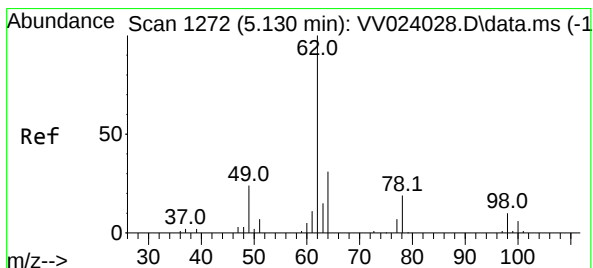
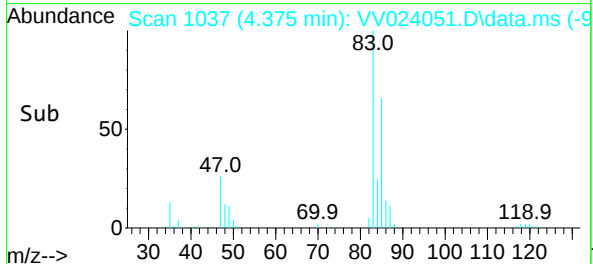
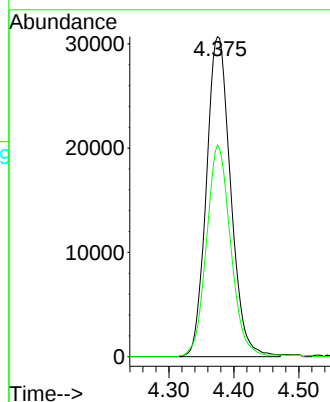
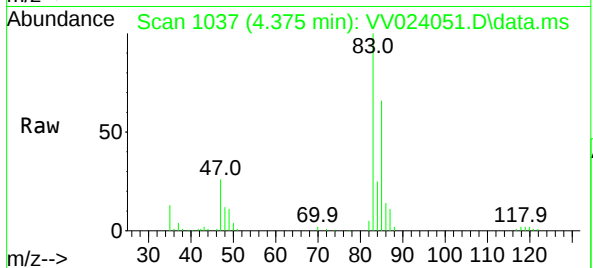
ClientSampleId :

Tgt Ion: 83 Resp: 79538

Ion Ratio Lower Upper

83 100

85 66.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.552 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV024051.D

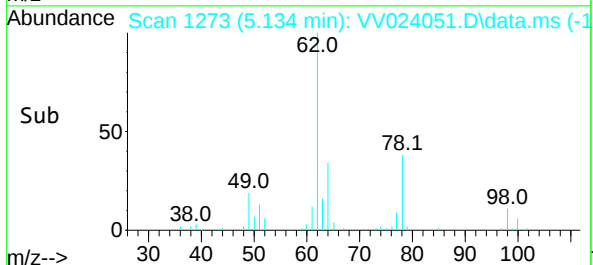
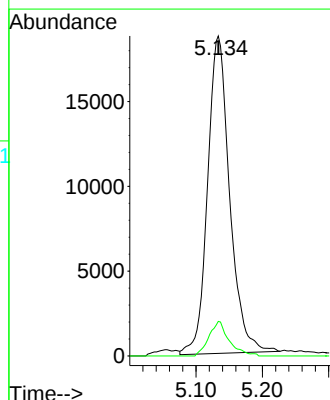
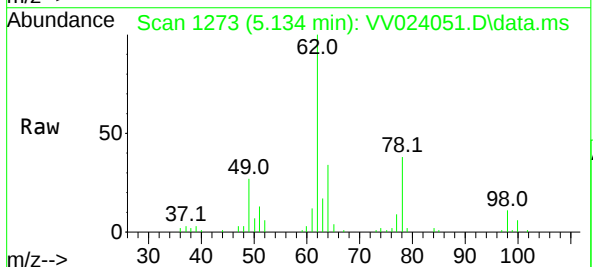
Acq: 17 Dec 2021 07:17

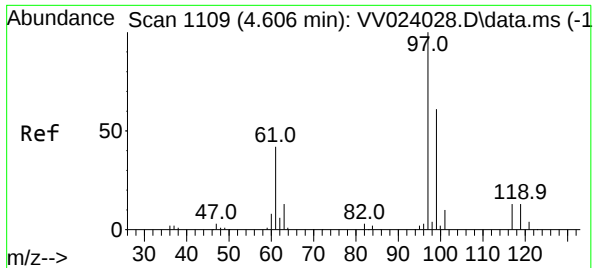
Tgt Ion: 62 Resp: 43367

Ion Ratio Lower Upper

62 100

98 10.8 8.1 12.1

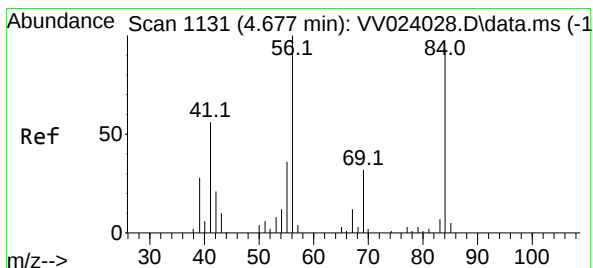
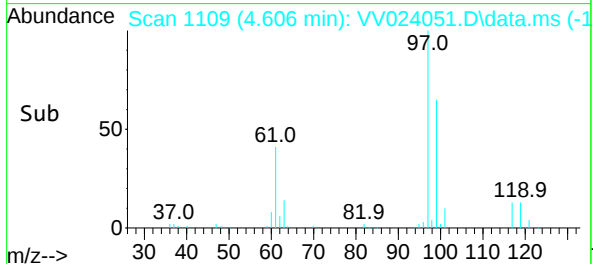
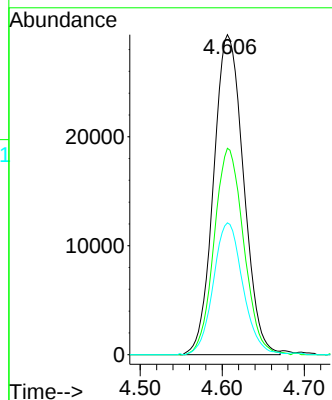
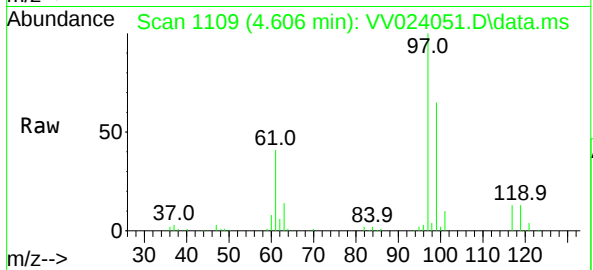




#29
1,1,1-Trichloroethane
Concen: 5.743 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

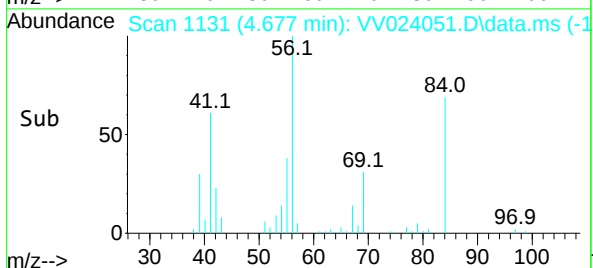
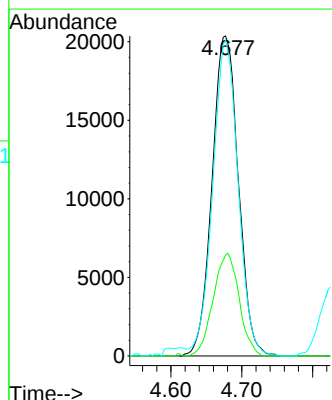
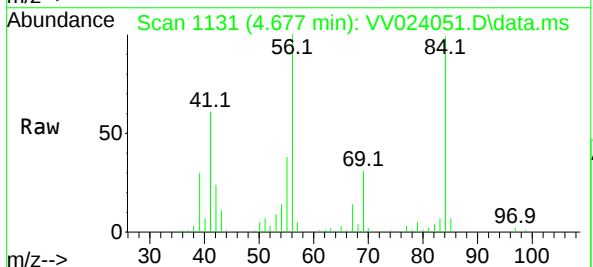
Instrument :
MSVOA_V
ClientSampleId :

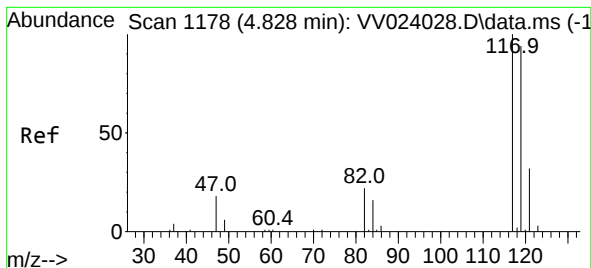
Tgt Ion: 97 Resp: 74553
Ion Ratio Lower Upper
97 100
99 63.7 51.9 77.9
61 40.6 33.2 49.8



#30
Cyclohexane
Concen: 5.104 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 56 Resp: 52551
Ion Ratio Lower Upper
56 100
69 31.5 24.8 37.2
84 95.3 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.465 ug/L

RT: 4.828 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

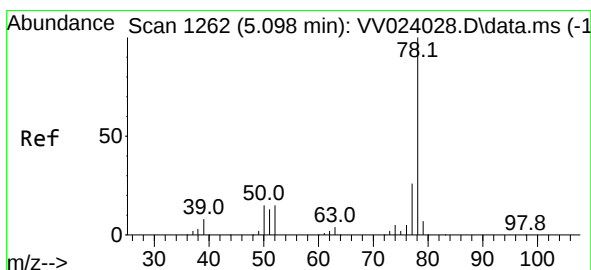
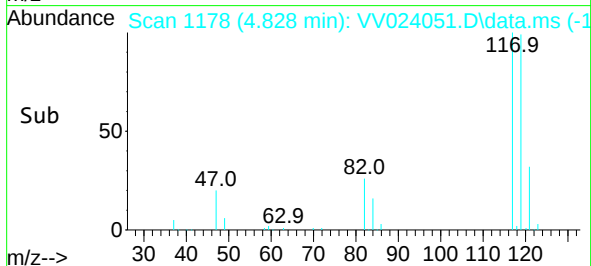
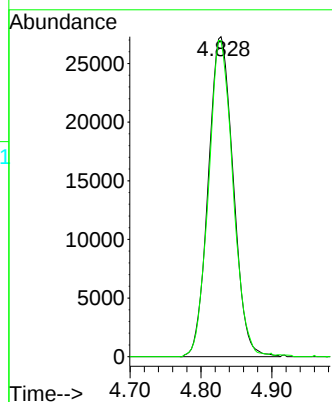
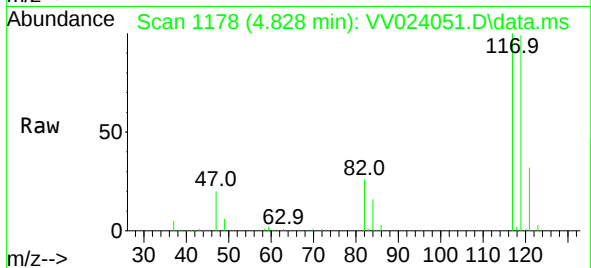
ClientSampleId :

Tgt Ion:117 Resp: 66693

Ion Ratio Lower Upper

117 100

119 97.1 76.6 114.8



#33

Benzene

Concen: 5.671 ug/L

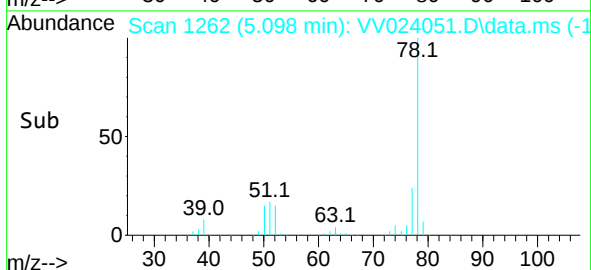
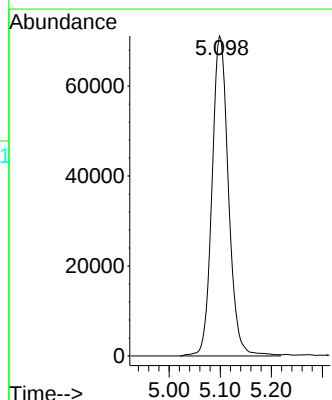
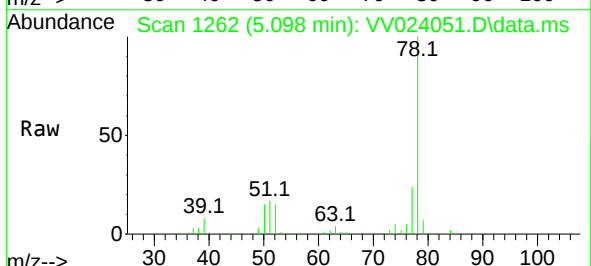
RT: 5.098 min Scan# 1262

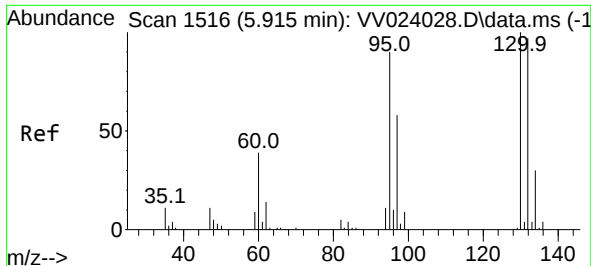
Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

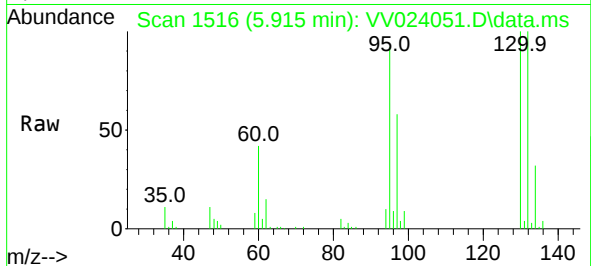
Tgt Ion: 78 Resp: 159180



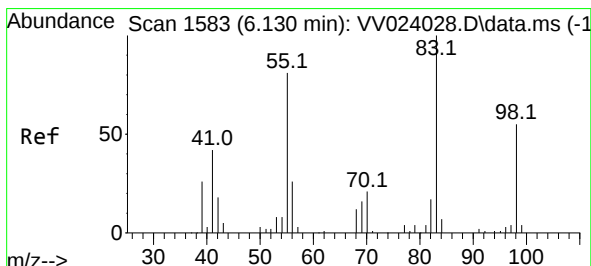
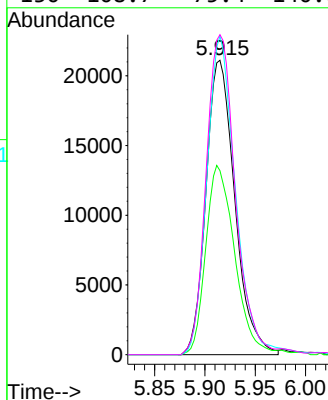
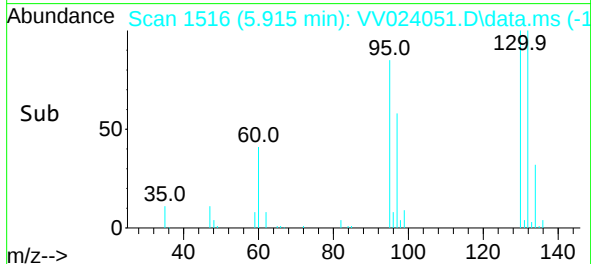


#34
Trichloroethene
Concen: 5.331 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

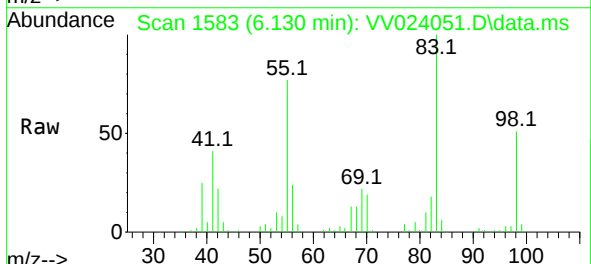
Instrument :
MSVOA_V
ClientSampleId :



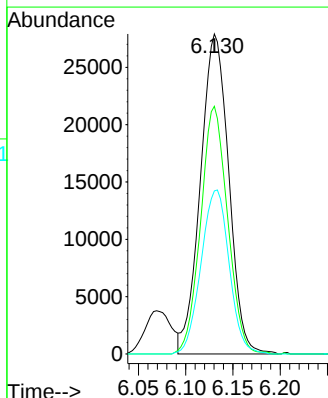
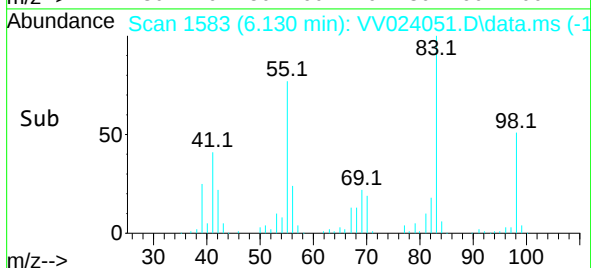
Tgt Ion: 95 Resp: 42207
Ion Ratio Lower Upper
95 100
97 62.5 45.2 84.0
132 108.2 76.1 141.3
130 108.7 75.4 140.0

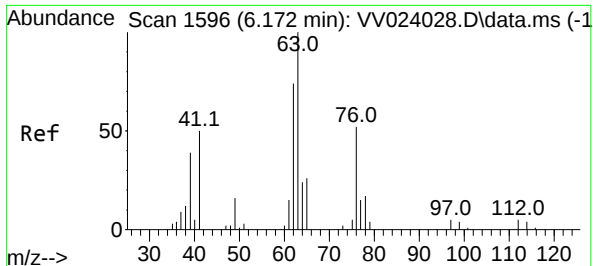


#35
Methylcyclohexane
Concen: 4.991 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17



Tgt Ion: 83 Resp: 58153
Ion Ratio Lower Upper
83 100
55 73.8 60.2 90.2
98 50.9 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.614 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

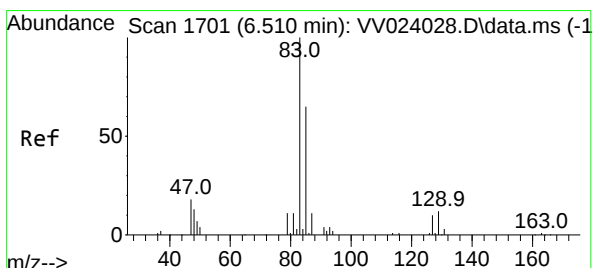
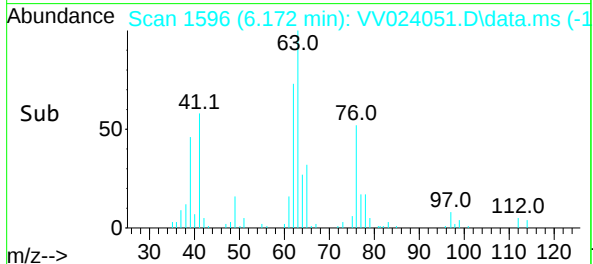
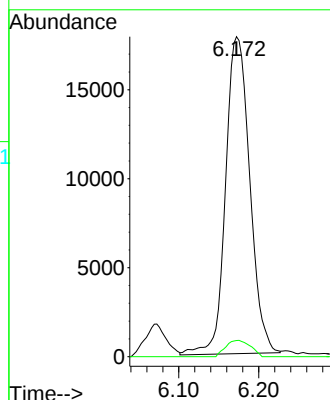
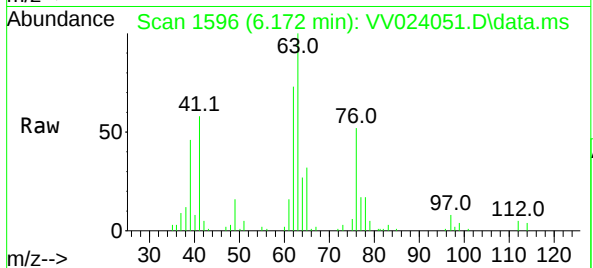
ClientSampleId :

Tgt Ion: 63 Resp: 37456

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 5.609 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

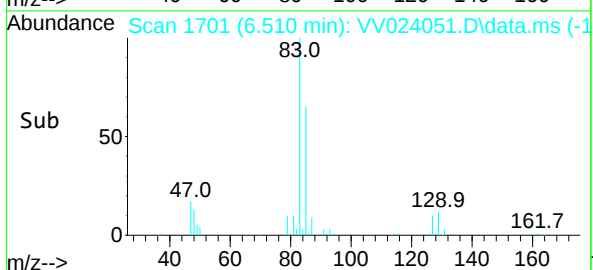
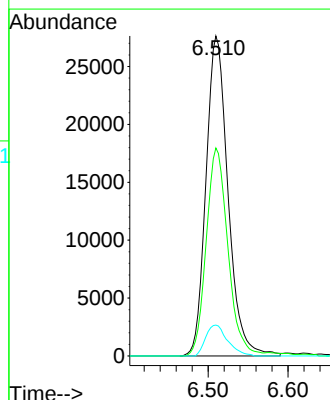
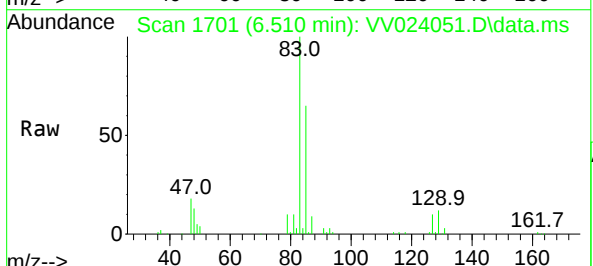
Tgt Ion: 83 Resp: 53007

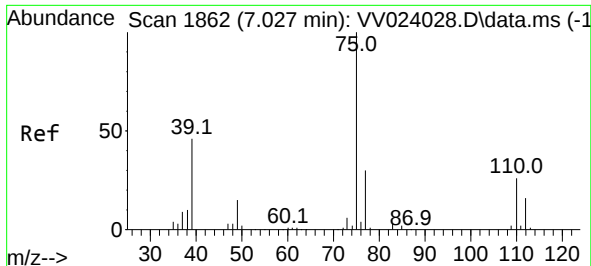
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 9.6 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.835 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

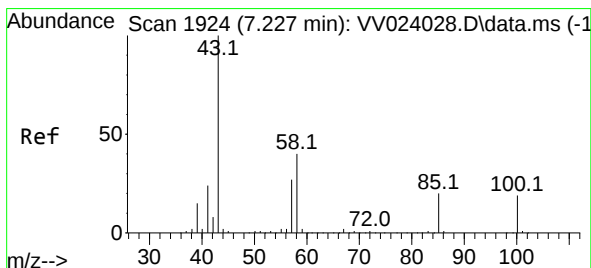
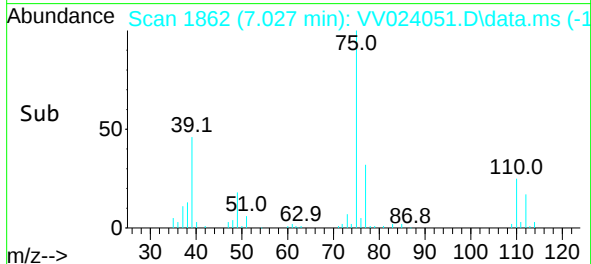
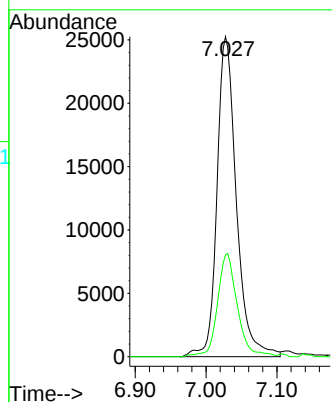
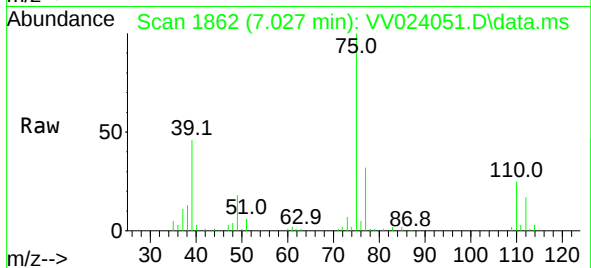
ClientSampleId :

Tgt Ion: 75 Resp: 47888

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 58.689 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

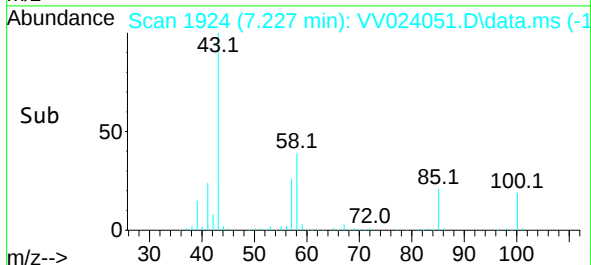
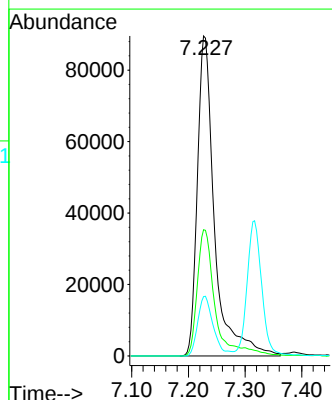
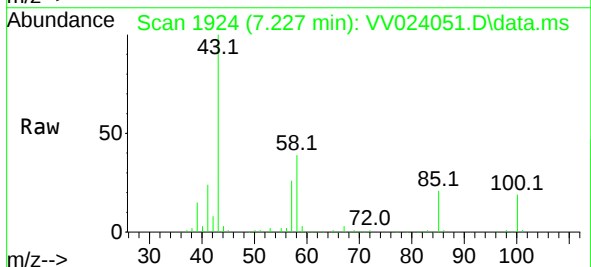
Tgt Ion: 43 Resp: 188085

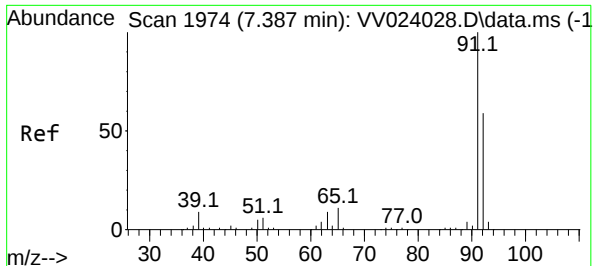
Ion Ratio Lower Upper

43 100

58 38.6 32.3 48.5

100 17.0 13.0 19.6





#42

Toluene

Concen: 5.611 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

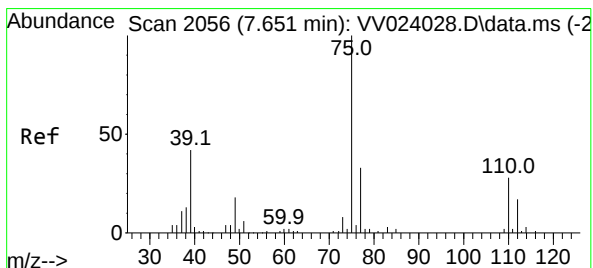
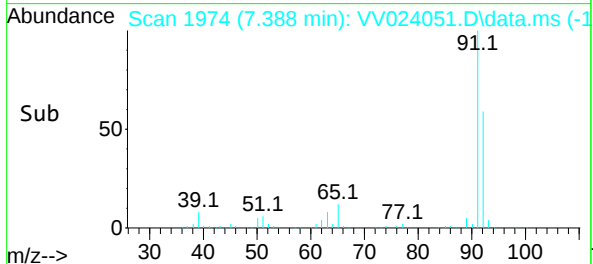
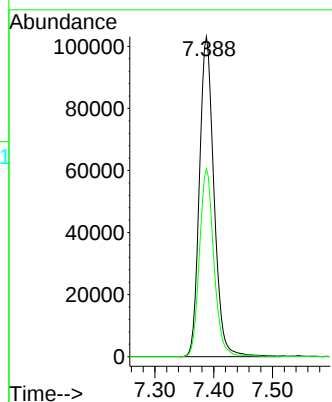
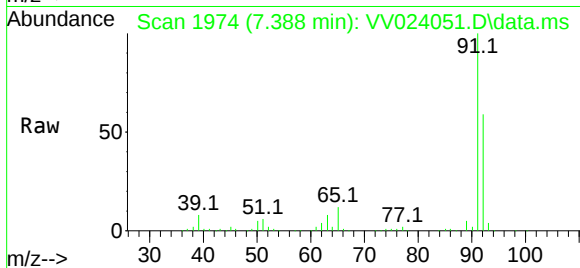
ClientSampleId :

Tgt Ion: 91 Resp: 177254

Ion Ratio Lower Upper

91 100

92 58.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.036 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024051.D

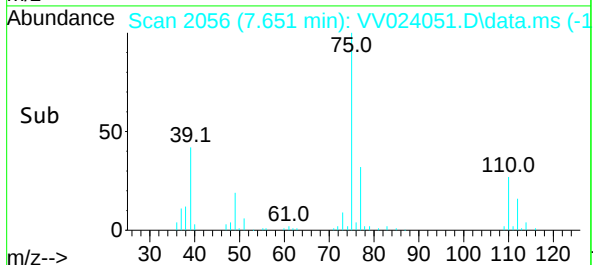
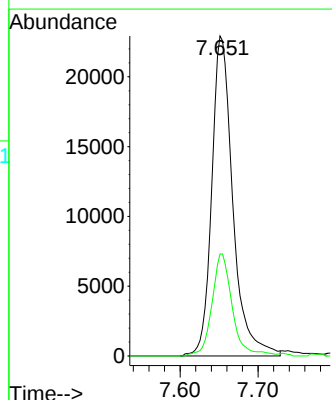
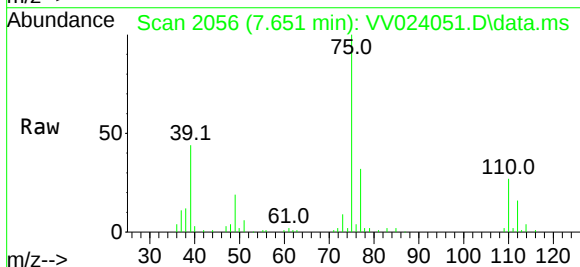
Acq: 17 Dec 2021 07:17

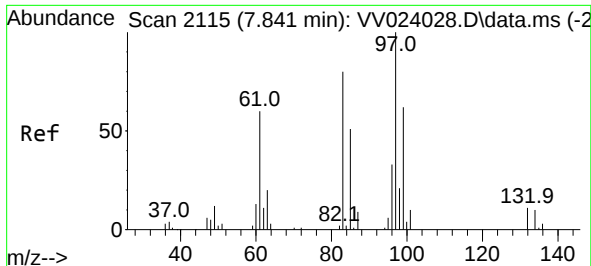
Tgt Ion: 75 Resp: 43115

Ion Ratio Lower Upper

75 100

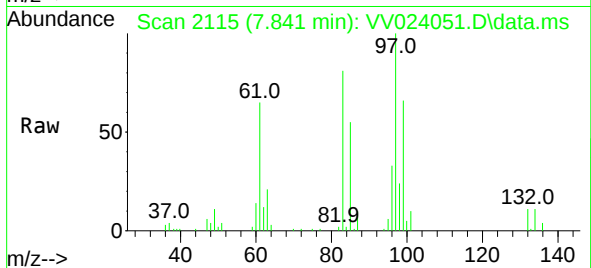
77 31.9 21.8 40.4



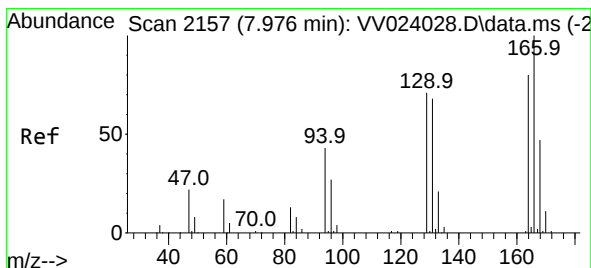
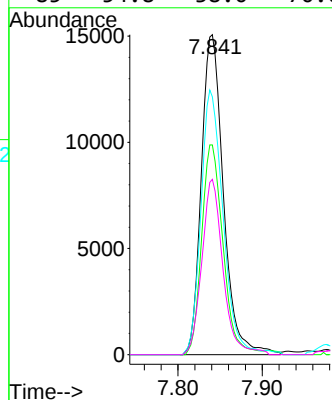
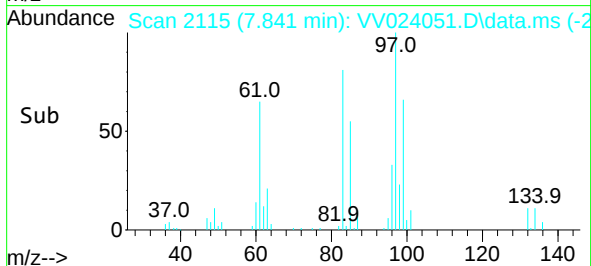


#45
1,1,2-Trichloroethane
Concen: 5.584 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

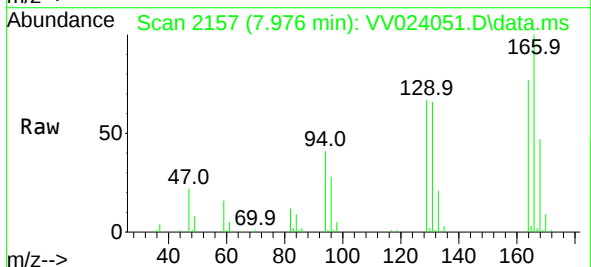
Instrument :
MSVOA_V
ClientSampleId :



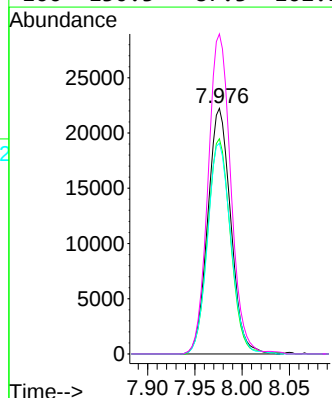
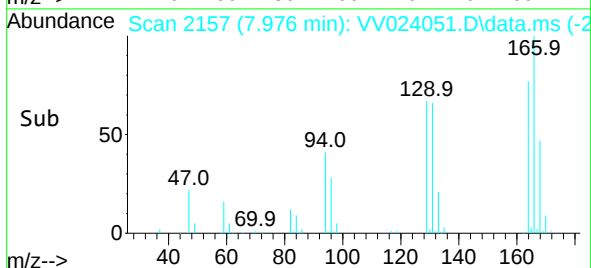
Tgt Ion: 97	Resp: 27560
Ion Ratio	Lower Upper
97 100	
99 65.6	43.1 80.1
83 80.6	57.9 107.5
85 54.8	38.0 70.6

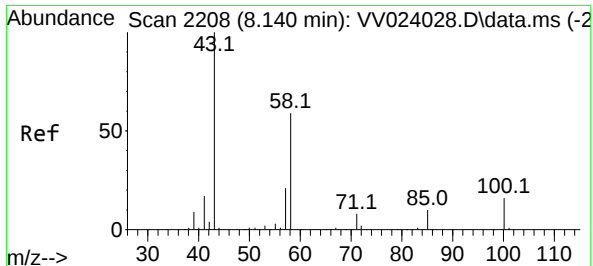


#47
Tetrachloroethene
Concen: 5.385 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17



Tgt	Ion:164	Resp:	37537
Ion	Ratio	Lower	Upper
164	100		
129	87.6	62.6	116.2
131	85.8	61.0	113.4
166	130.3	87.3	162.1

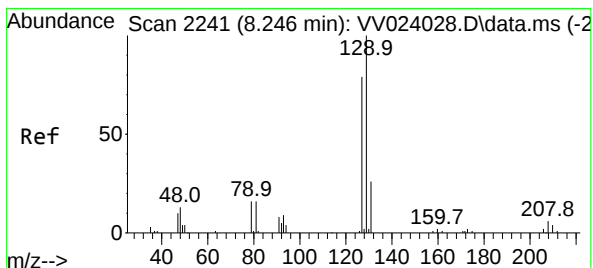
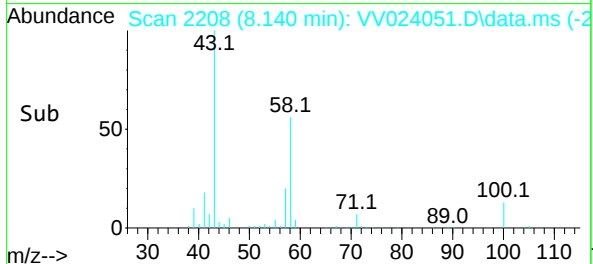
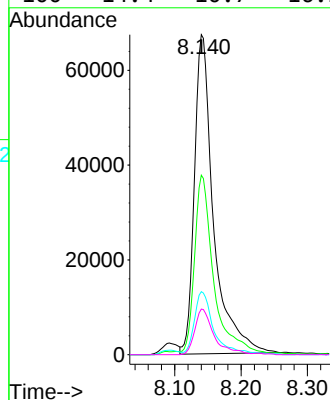
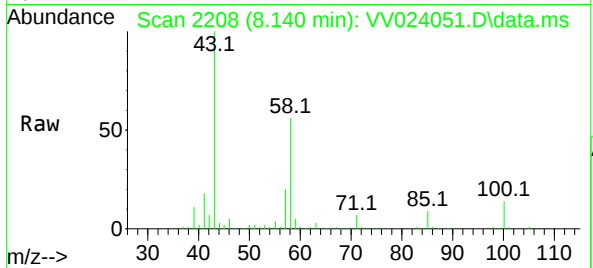




#48
2-Hexanone
Concen: 58.276 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

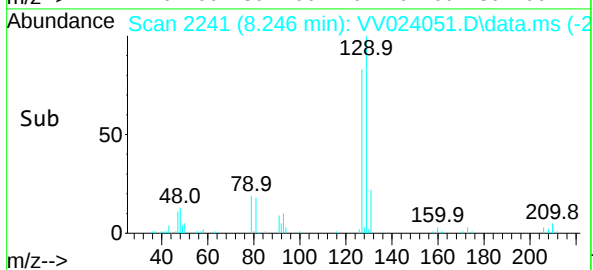
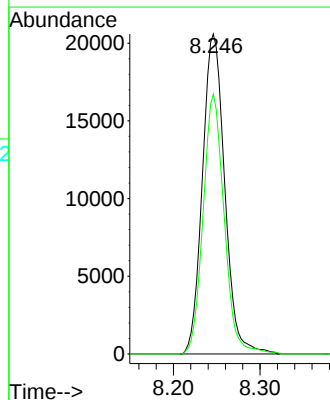
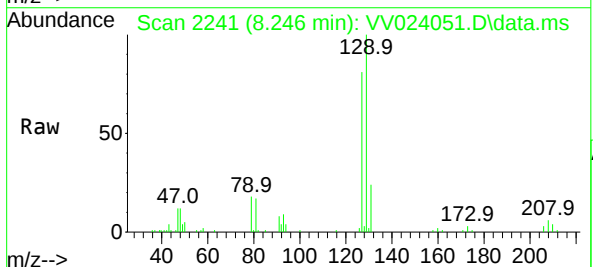
Instrument :
MSVOA_V
ClientSampleId :

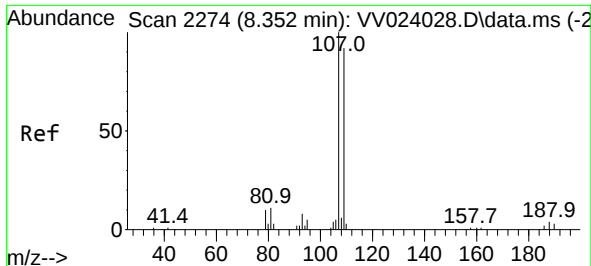
Tgt Ion: 43 Resp: 135419
Ion Ratio Lower Upper
43 100
58 54.4 44.5 66.7
57 20.3 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 5.481 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 129 Resp: 36804
Ion Ratio Lower Upper
129 100
127 81.2 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.667 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024051.D

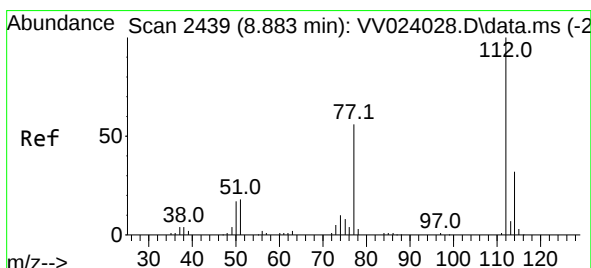
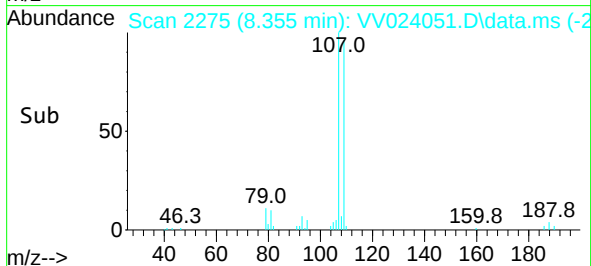
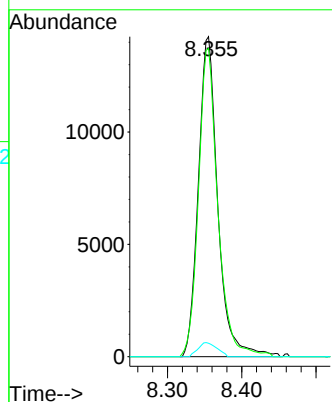
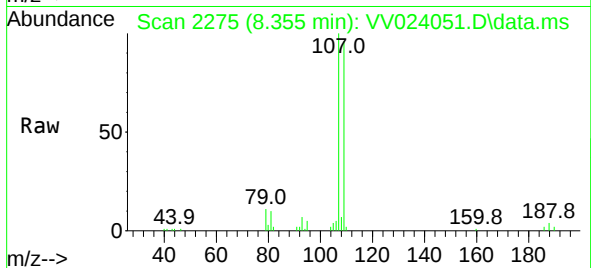
Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	25967
Ion	Ratio	Lower	Upper
107	100		
109	96.4	62.5	116.1
188	4.2	3.4	5.2



#51

Chlorobenzene

Concen: 5.378 ug/L

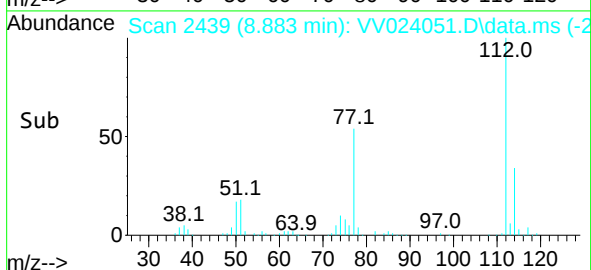
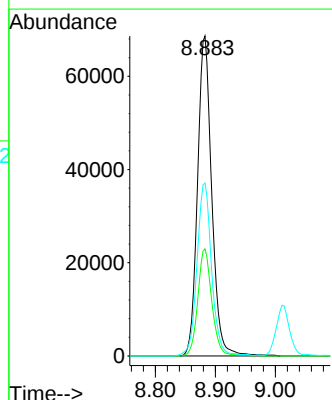
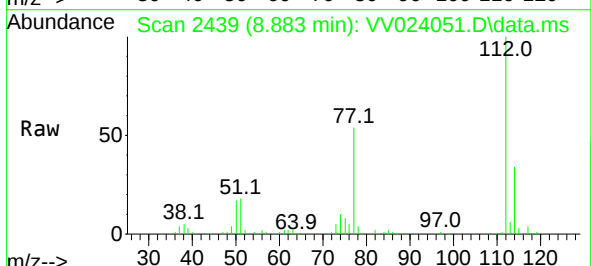
RT: 8.883 min Scan# 2439

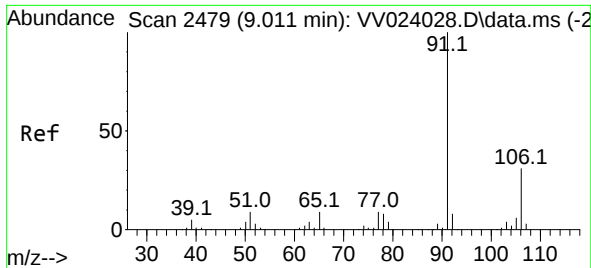
Delta R.T. 0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Tgt Ion:	112	Resp:	113549
Ion	Ratio	Lower	Upper
112	100		
114	33.5	23.3	43.3
77	54.1	43.3	64.9

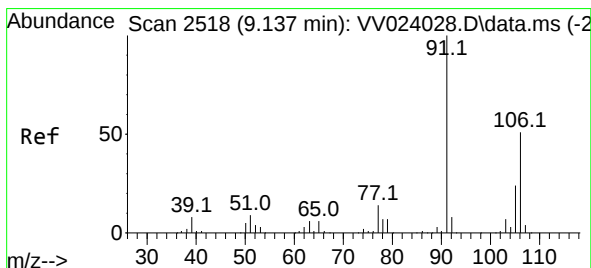
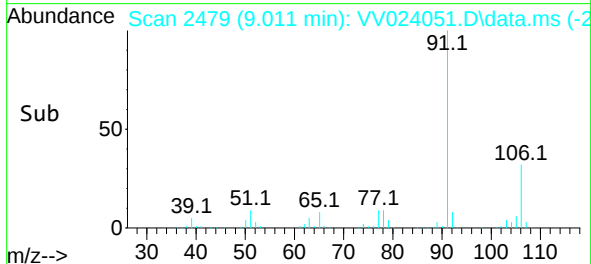
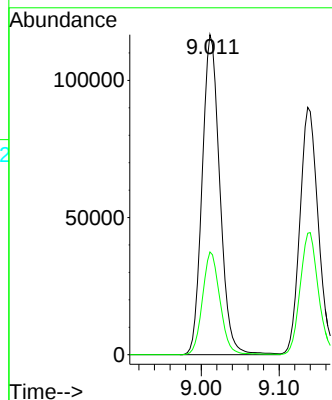
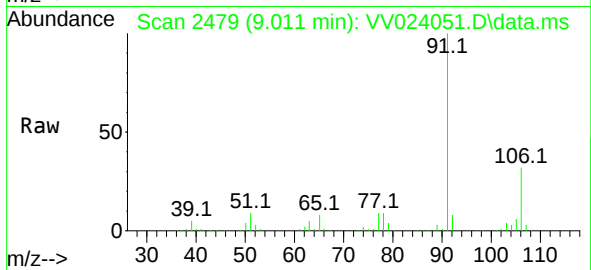




#52
Ethylbenzene
Concen: 5.507 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

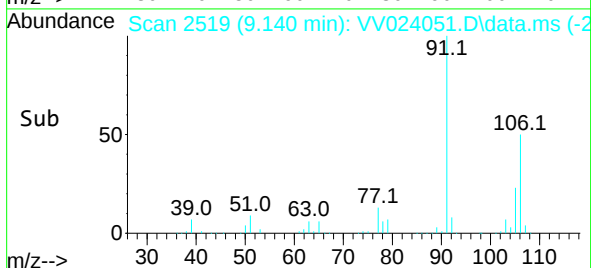
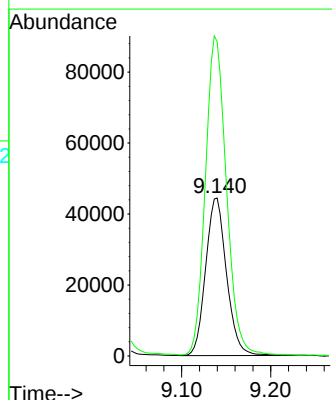
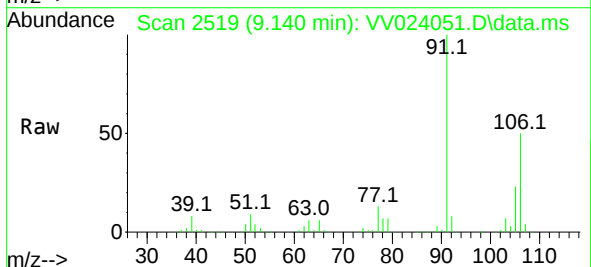
Instrument :
MSVOA_V
ClientSampleId :

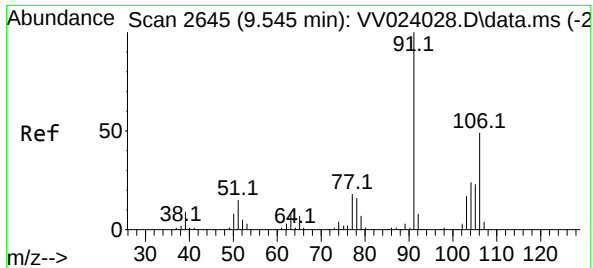
Tgt Ion: 91 Resp: 183567
Ion Ratio Lower Upper
91 100
106 32.1 22.0 41.0



#53
m,p-xylene
Concen: 5.477 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 106 Resp: 72193
Ion Ratio Lower Upper
106 100
91 199.1 139.5 259.1

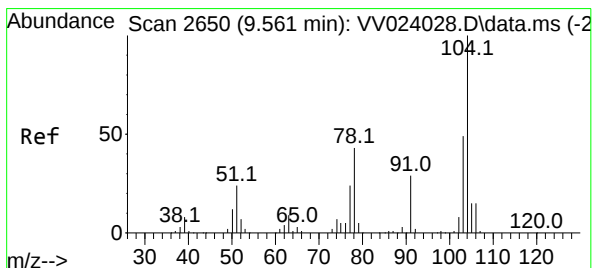
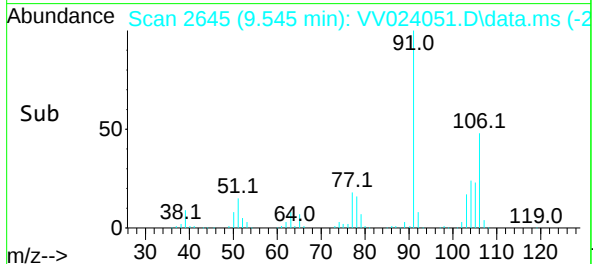
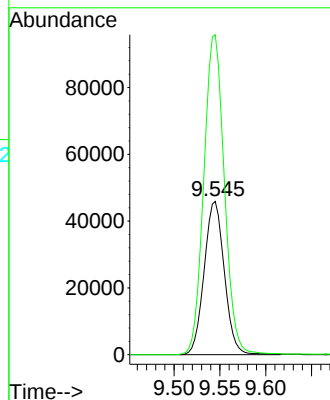
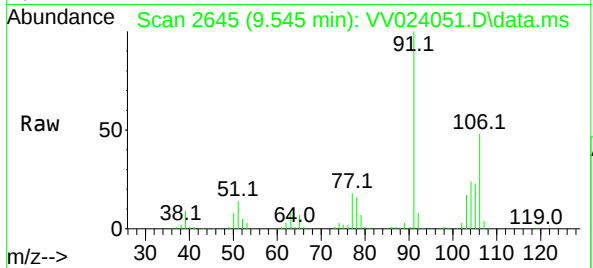




#54
o-xylene
Concen: 5.518 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

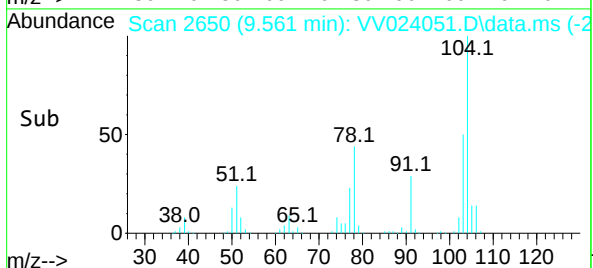
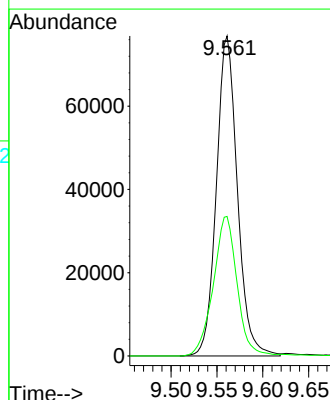
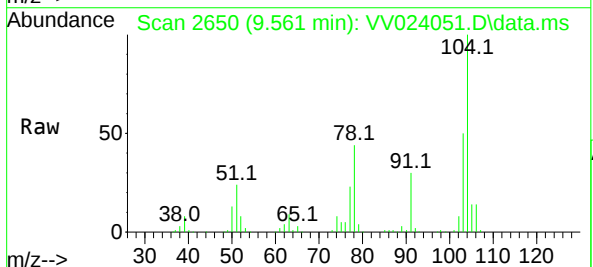
Instrument :
MSVOA_V
ClientSampleId :

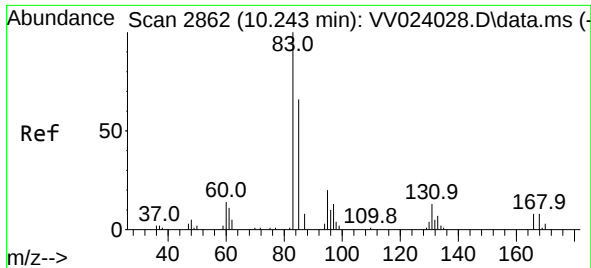
Tgt Ion:106 Resp: 70334
Ion Ratio Lower Upper
106 100
91 208.8 147.9 274.7



#55
Styrene
Concen: 5.774 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion:104 Resp: 122519
Ion Ratio Lower Upper
104 100
78 43.6 31.0 57.6

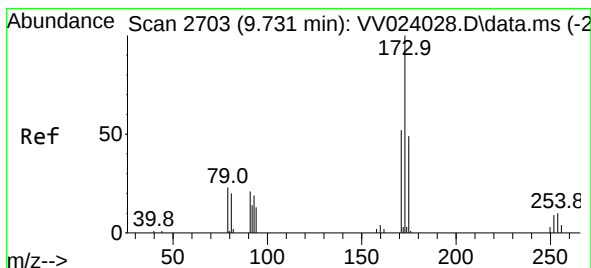
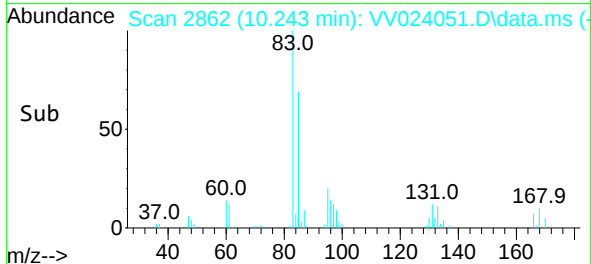
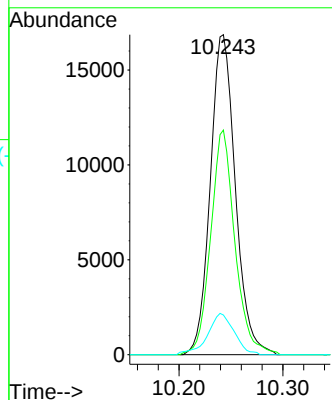
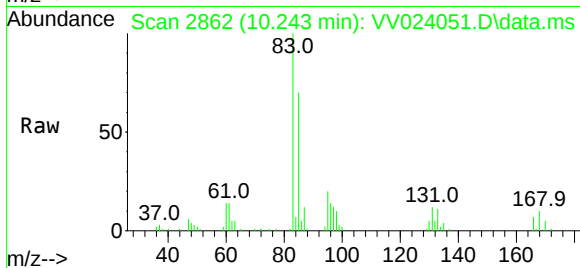




#57
1,1,2,2-Tetrachloroethane
Concen: 5.228 ug/L
RT: 10.243 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

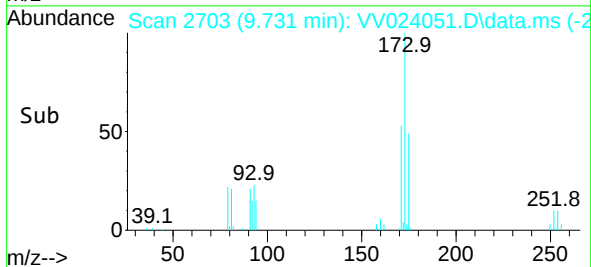
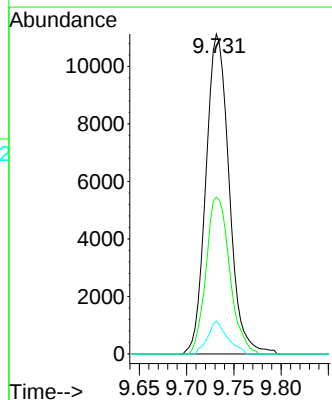
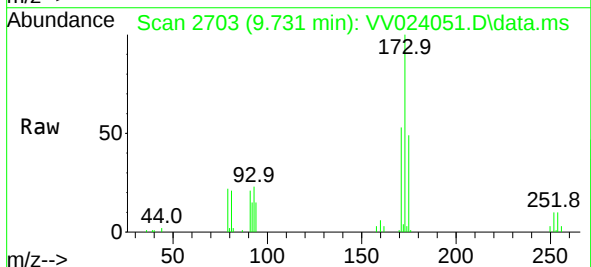
Instrument :
MSVOA_V
ClientSampleId :

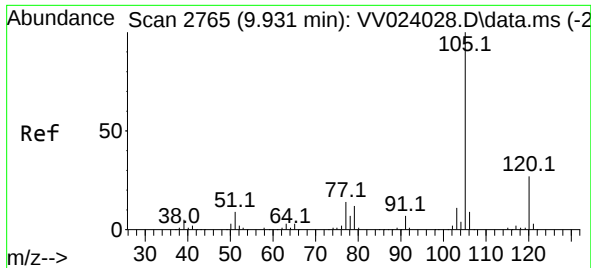
Tgt Ion: 83 Resp: 28257
Ion Ratio Lower Upper
83 100
85 70.2 44.6 82.8
131 12.4 8.3 12.5



#59
Bromoform
Concen: 5.026 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 173 Resp: 19012
Ion Ratio Lower Upper
173 100
175 49.7 39.4 59.2
254 8.7 7.4 11.0

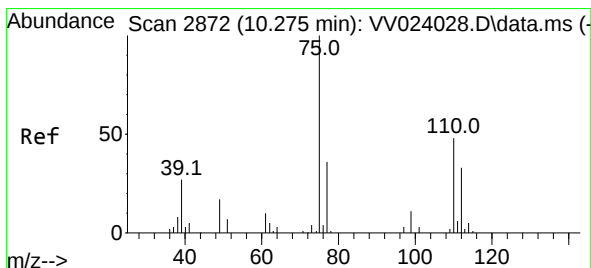
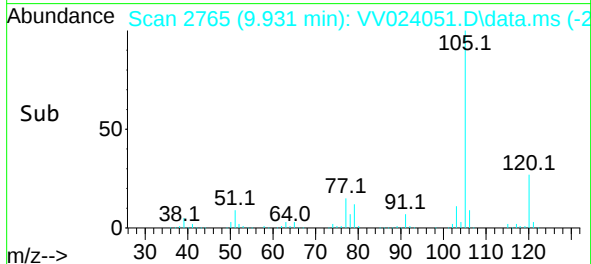
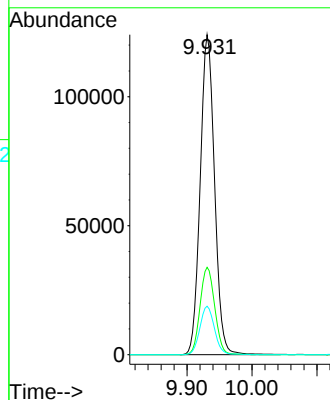
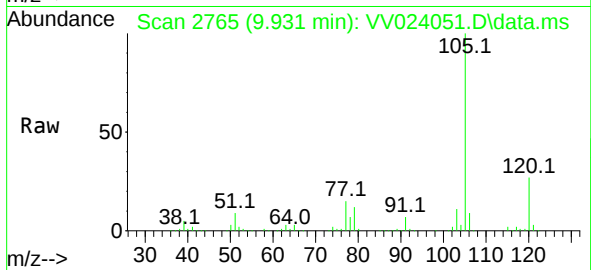




#60
Isopropylbenzene
Concen: 5.520 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

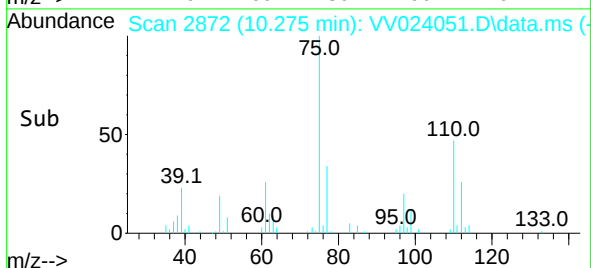
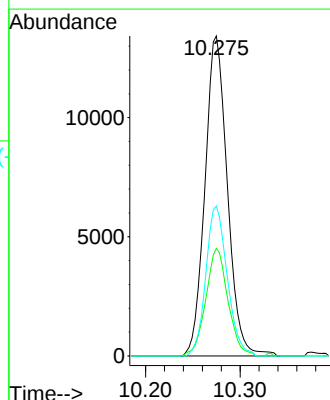
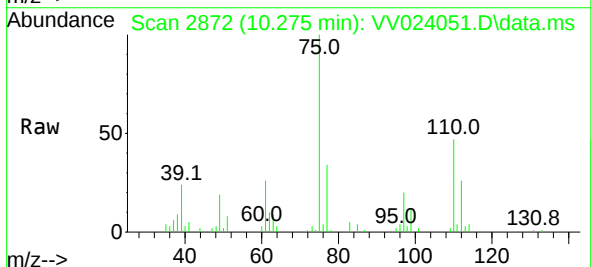
Instrument :
MSVOA_V
ClientSampleId :

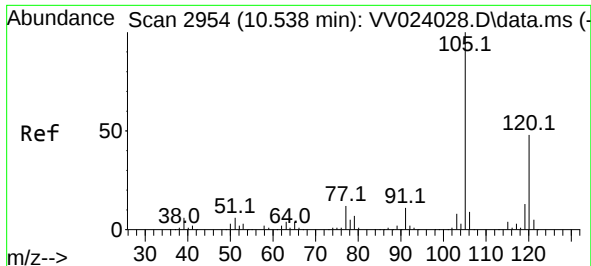
Tgt Ion:105 Resp: 191036
Ion Ratio Lower Upper
105 100
120 27.8 21.4 32.0
77 15.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.513 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 75 Resp: 22139
Ion Ratio Lower Upper
75 100
77 33.1 26.4 39.6
110 44.8 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.454 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

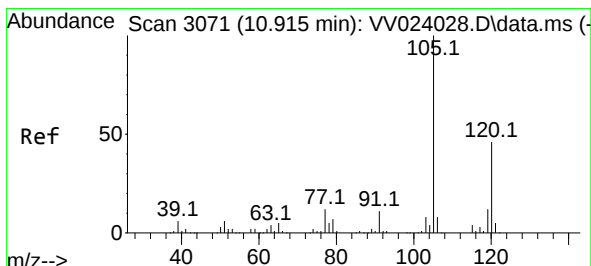
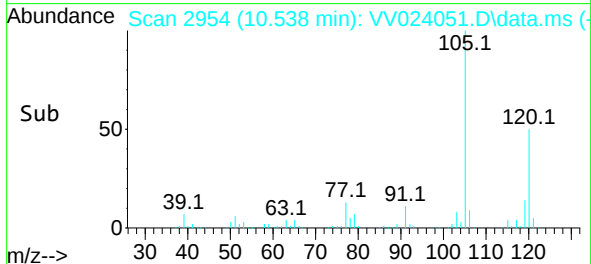
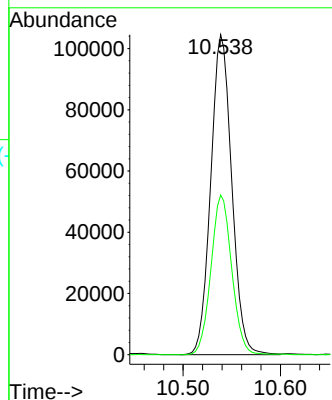
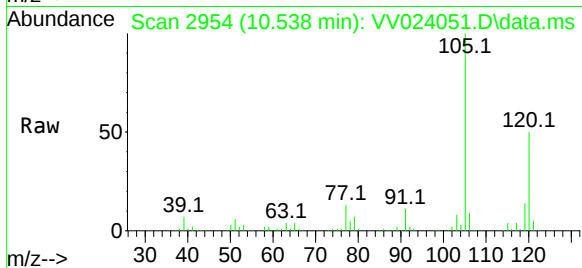
ClientSampleId :

Tgt Ion:105 Resp: 156586

Ion Ratio Lower Upper

105 100

120 49.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.539 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024051.D

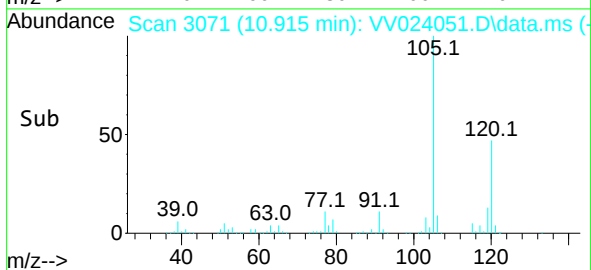
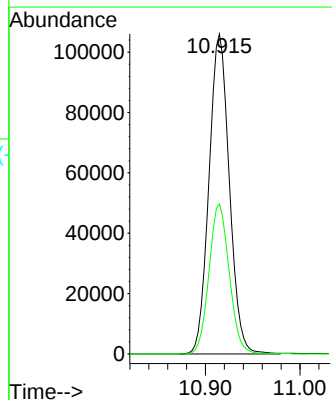
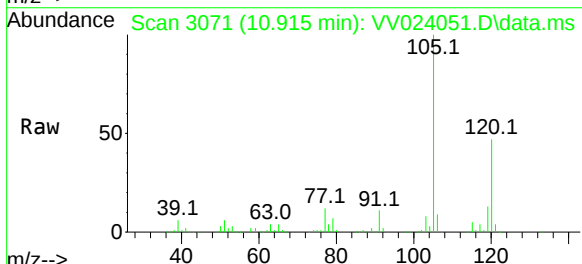
Acq: 17 Dec 2021 07:17

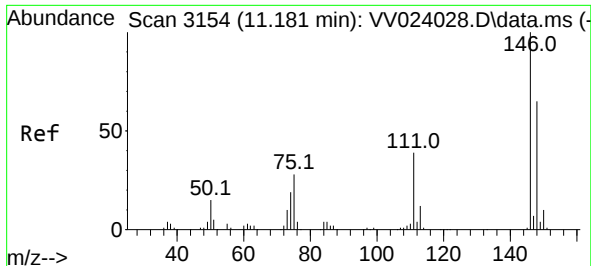
Tgt Ion:105 Resp: 158423

Ion Ratio Lower Upper

105 100

120 46.7 36.7 55.1

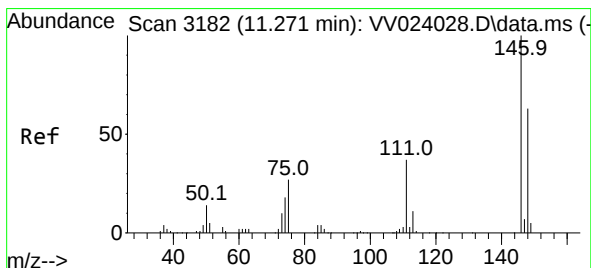
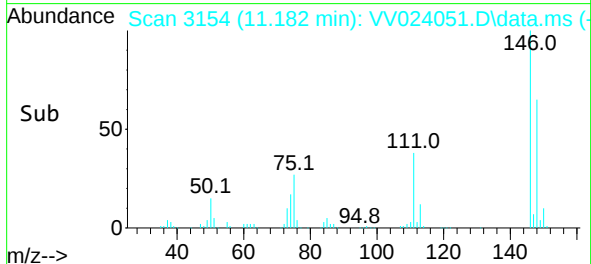
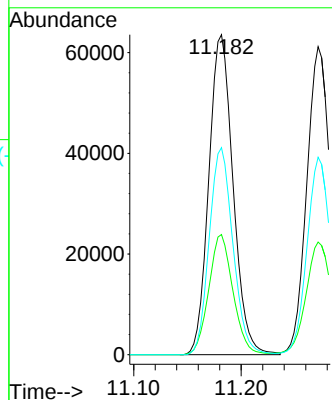
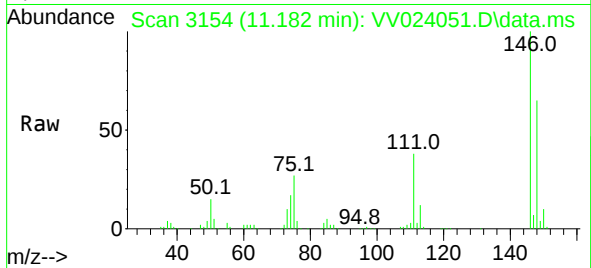




#64
1,3-Dichlorobenzene
Concen: 5.631 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

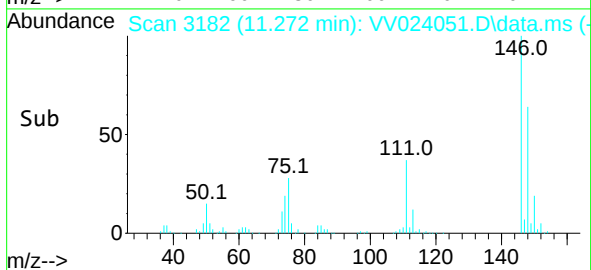
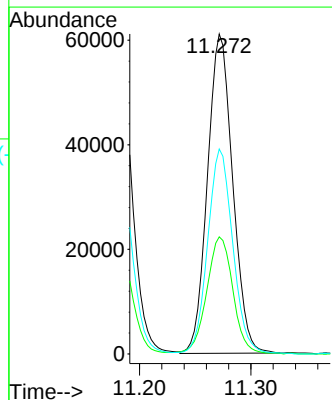
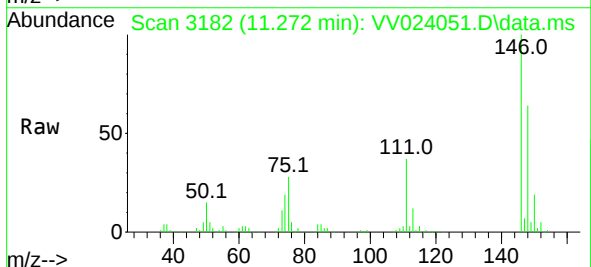
Instrument :
MSVOA_V
ClientSampleId :

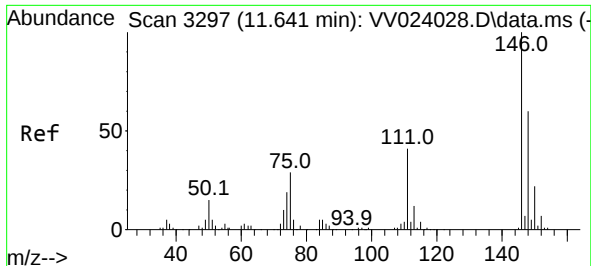
Tgt Ion:146 Resp: 99669
Ion Ratio Lower Upper
146 100
111 37.5 26.3 48.9
148 64.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.400 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

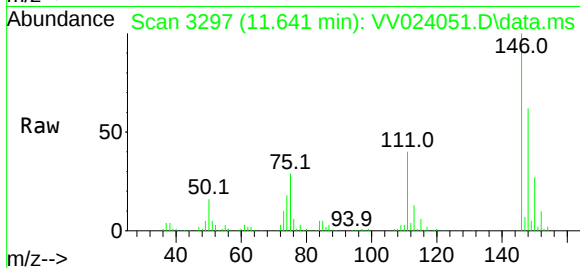
Tgt Ion:146 Resp: 95989
Ion Ratio Lower Upper
146 100
111 36.6 25.6 47.6
148 64.1 44.8 83.2



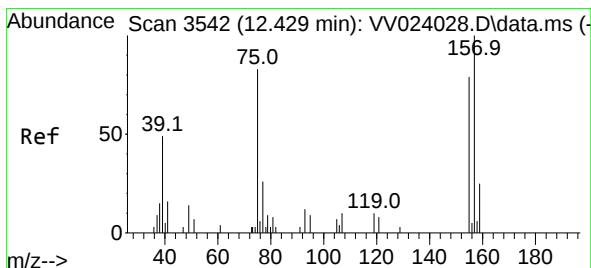
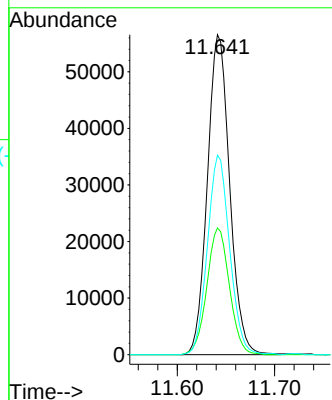
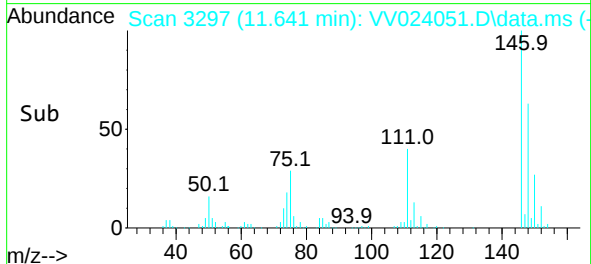


#67
1,2-Dichlorobenzene
Concen: 5.559 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Instrument :
MSVOA_V
ClientSampleId :

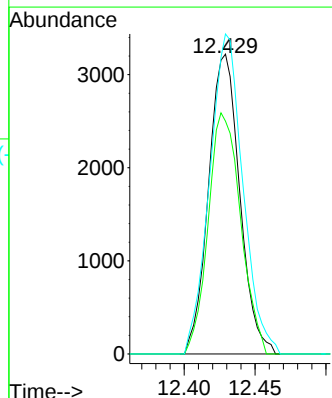
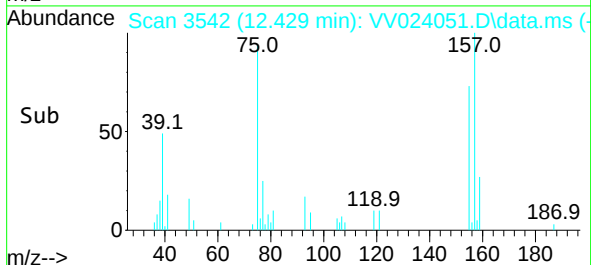
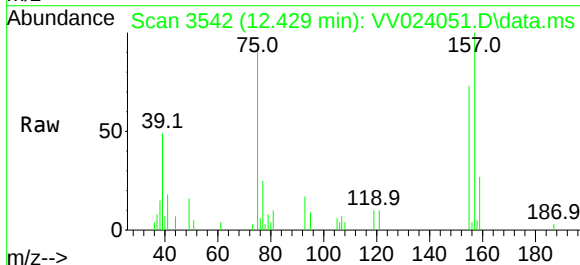


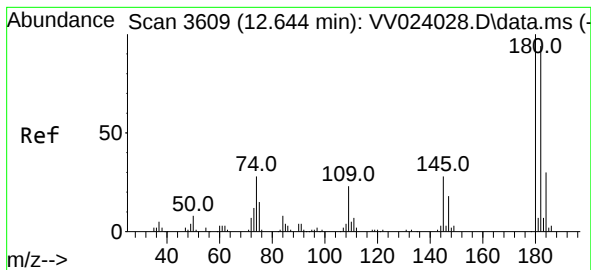
Tgt Ion:146 Resp: 90138
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 62.4 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.629 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV024051.D
Acq: 17 Dec 2021 07:17

Tgt Ion: 75 Resp: 4937
Ion Ratio Lower Upper
75 100
155 77.6 71.7 107.5
157 106.7 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.197 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

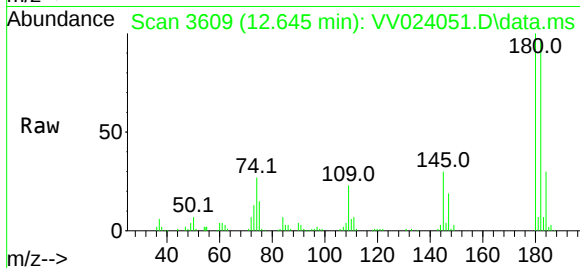
Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 75660

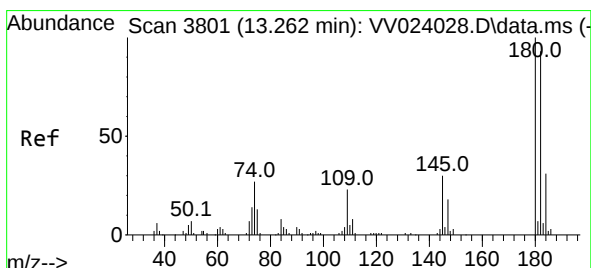
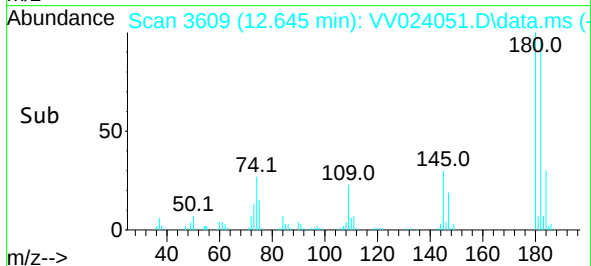
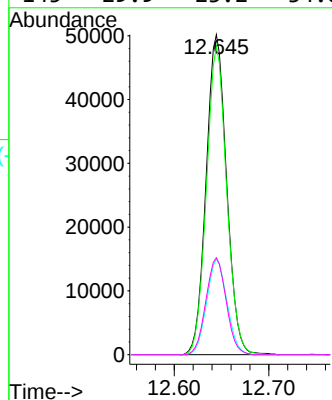
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

184 29.5 24.2 36.4

145 29.9 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.025 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

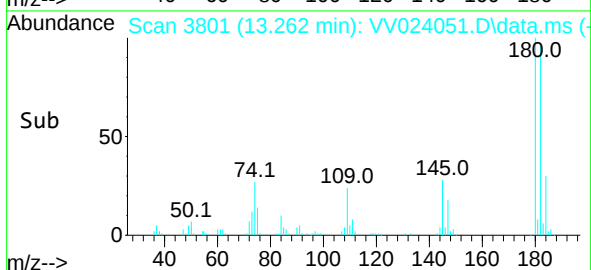
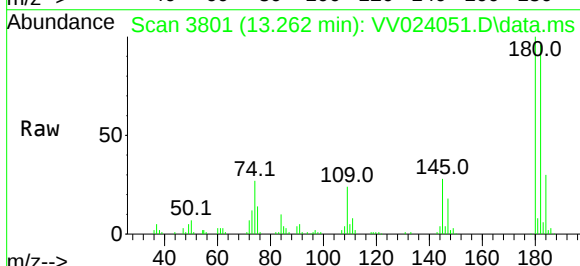
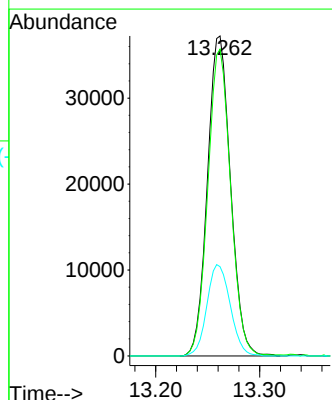
Tgt Ion:180 Resp: 57452

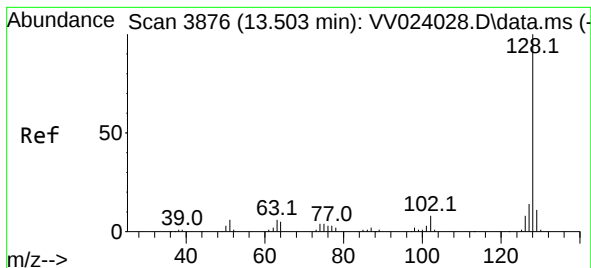
Ion Ratio Lower Upper

180 100

182 94.8 74.4 111.6

145 28.9 23.3 34.9





#71

Naphthalene

Concen: 5.150 ug/L

RT: 13.503 min Scan# 3876

Delta R.T. 0.003 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Instrument :

MSVOA_V

ClientSampleId :

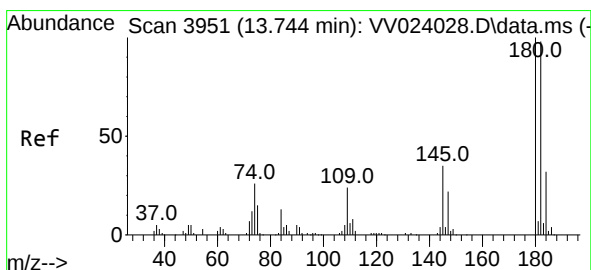
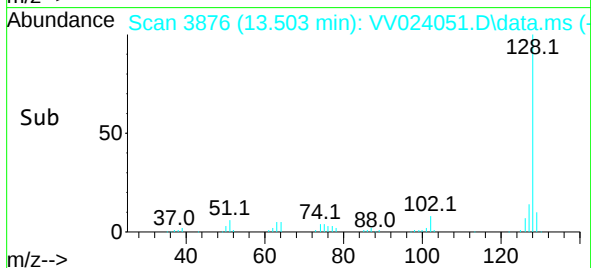
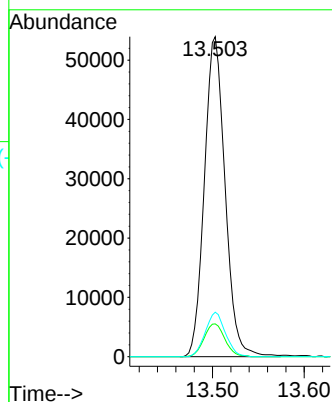
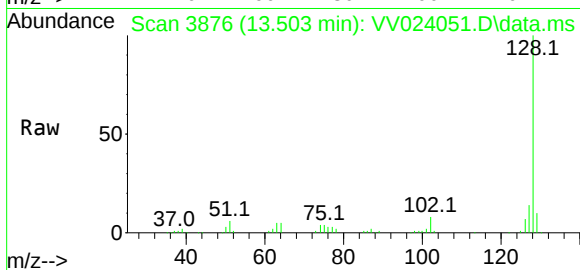
Tgt Ion:128 Resp: 84639

Ion Ratio Lower Upper

128 100

129 10.3 9.0 13.4

127 13.4 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.369 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.000 min

Lab File: VV024051.D

Acq: 17 Dec 2021 07:17

Tgt Ion:180 Resp: 54196

Ion Ratio Lower Upper

180 100

182 93.1 76.8 115.2

145 30.4 25.8 38.6

