

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024122.D
 Acq On : 20 Dec 2021 04:58
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 20 05:39:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	92815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	97663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	60641	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	20130	4.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.561	69	18506	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.105	63	50651	5.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.000%
20) 2-Butanone-d5	4.002	46	42174	43.263	ug/L	0.09
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.520%
24) Chloroform-d	4.346	84	57241	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.037	65	27428	5.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.047	84	96760	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.072	67	29005	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.313	98	98017	5.628	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.600%
43) trans-1,3-Dichloroprop...	7.622	79	10447	4.315	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.101	63	44003	40.600	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23002	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	38340	4.733	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	39499	4.889	ug/L	99
3) Chloromethane	1.233	50	32920	4.770	ug/L	98
5) Vinyl chloride	1.304	62	36187	4.834	ug/L	98
6) Bromomethane	1.516	94	21202	4.457	ug/L	99
8) Chloroethane	1.577	64	23132	4.749	ug/L	96
9) Trichlorofluoromethane	1.744	101	72077	5.541	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	35490	5.180	ug/L	99
12) 1,1-Dichloroethene	2.111	96	33078	5.312	ug/L	97
13) Acetone	2.294	43	10818	13.871	ug/L	99
14) Carbon disulfide	2.288	76	70910	3.926	ug/L	100
15) Methyl Acetate	2.468	43	13808	7.304	ug/L #	72
16) Methylene chloride	2.503	84	38184	4.687	ug/L	99
17) Methyl tert-butyl Ether	2.777	73	82660	5.870	ug/L	98
18) trans-1,2-Dichloroethene	2.751	96	35719	5.182	ug/L	97
19) 1,1-Dichloroethane	3.185	63	69626	5.628	ug/L	99
21) 2-Butanone	4.085	43	68401	61.383	ug/L #	73
22) cis-1,2-Dichloroethene	3.905	96	42560	5.833	ug/L	99
23) Bromochloromethane	4.246	128	18800	5.670	ug/L	96
25) Chloroform	4.375	83	78007	5.672	ug/L	99

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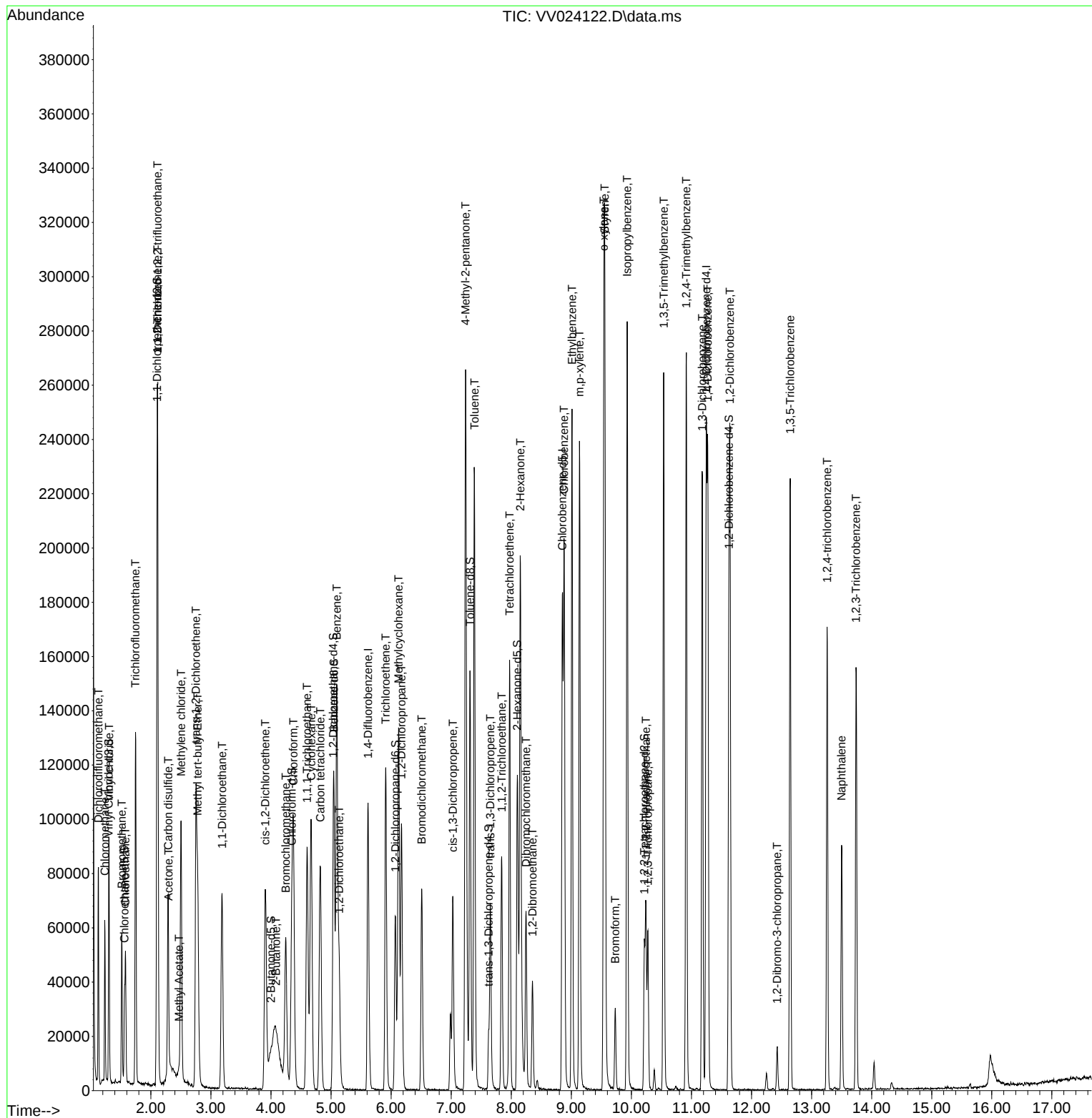
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	44593	5.985	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	70416	5.511	ug/L	99
30) Cyclohexane	4.670	56	48550	4.791	ug/L	97
31) Carbon tetrachloride	4.821	117	63082	5.252	ug/L	99
33) Benzene	5.095	78	147683	5.345	ug/L	100
34) Trichloroethene	5.908	95	39304	5.044	ug/L	97
35) Methylcyclohexane	6.124	83	52526	4.580	ug/L	99
37) 1,2-Dichloropropane	6.172	63	36683	5.586	ug/L	99
38) Bromodichloromethane	6.510	83	48361	5.199	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	42471	4.357	ug/L	100
40) 4-Methyl-2-pentanone	7.239	43	189777	60.162	ug/L	99
42) Toluene	7.387	91	166147	5.343	ug/L	95
44) trans-1,3-Dichloropropene	7.651	75	37236	4.419	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	27178	5.594	ug/L	98
47) Tetrachloroethene	7.972	164	34694	5.057	ug/L	97
48) 2-Hexanone	8.149	43	137235	60.000	ug/L	98
49) Dibromochloromethane	8.246	129	31350	4.743	ug/L	98
50) 1,2-Dibromoethane	8.352	107	25088	5.562	ug/L	93
51) Chlorobenzene	8.879	112	106665	5.133	ug/L	99
52) Ethylbenzene	9.011	91	164563	5.016	ug/L	99
53) m,p-xylene	9.136	106	66671	5.139	ug/L	99
54) o-xylene	9.542	106	64877	5.171	ug/L	100
55) Styrene	9.558	104	115173	5.514	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	29500	5.545	ug/L	99
59) Bromoform	9.731	173	13117	3.370	ug/L	98
60) Isopropylbenzene	9.931	105	173014	4.859	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	22012	5.328	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	137998	4.672	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	143561	4.879	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	93681	5.145	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	91706	5.014	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	85770	5.141	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3638	4.032	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	70302	4.694	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	51355	4.366	ug/L	95
71) Naphthalene	13.500	128	73099	4.324	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	47893	4.612	ug/L	97

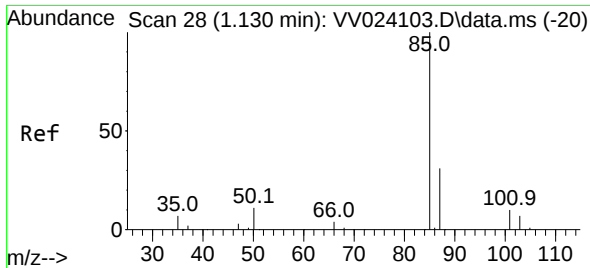
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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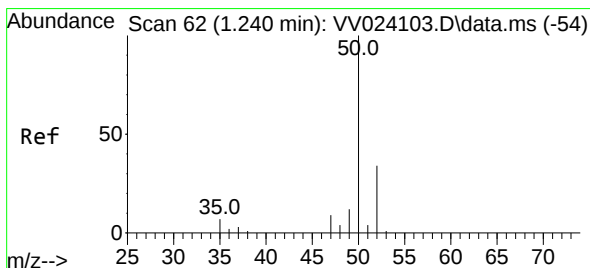
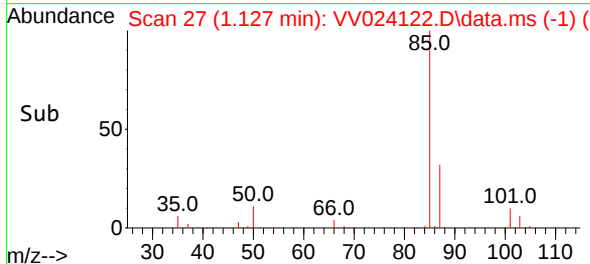
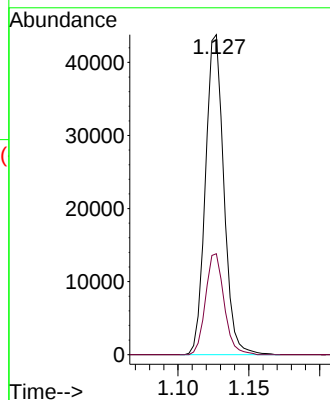
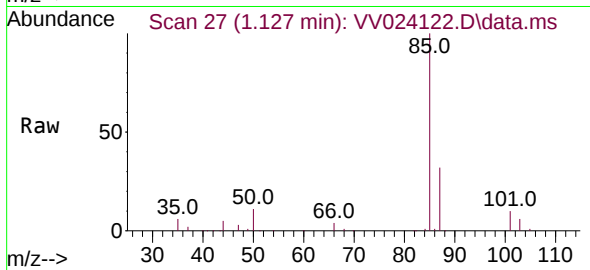




#2
 Dichlorodifluoromethane
 Concen: 4.889 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

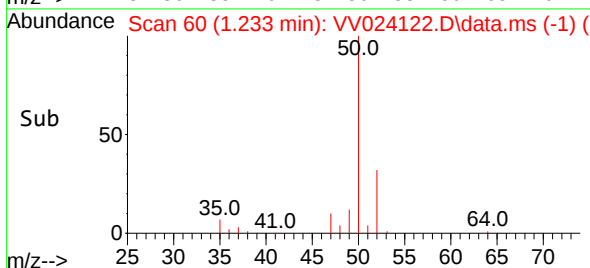
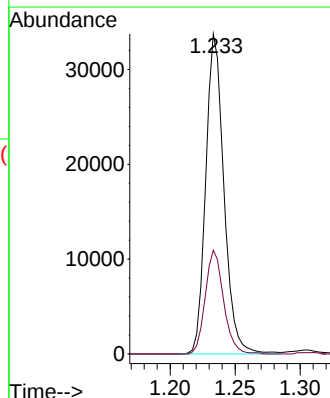
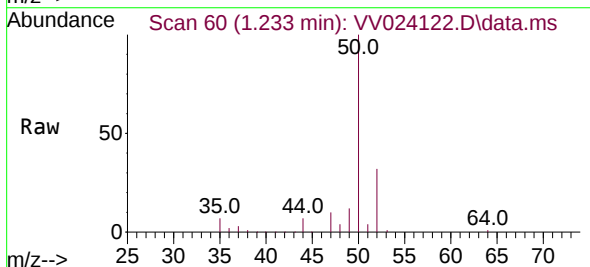
Instrument :
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 ClientSampleId :

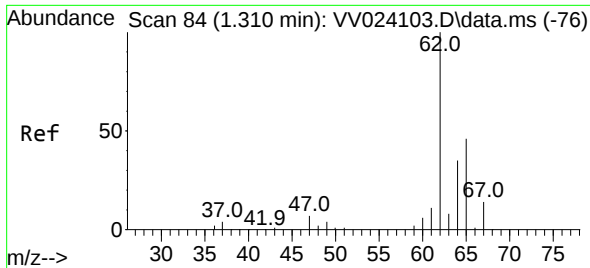
Tgt Ion: 85 Resp: 39499
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.770 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

Tgt Ion: 50 Resp: 32920
 Ion Ratio Lower Upper
 50 100
 52 32.5 22.0 41.0

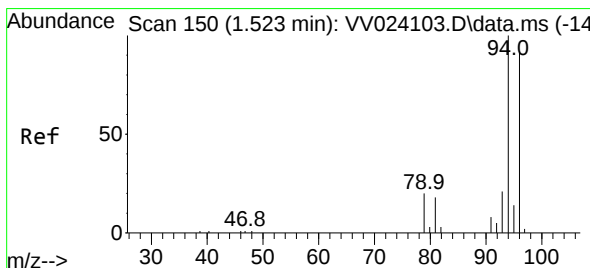
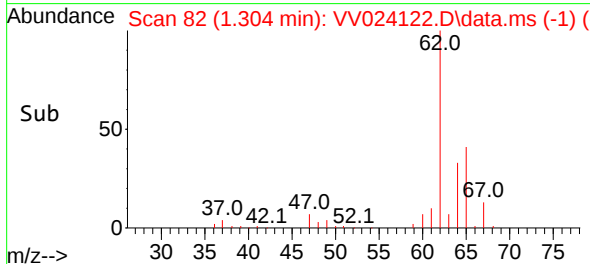
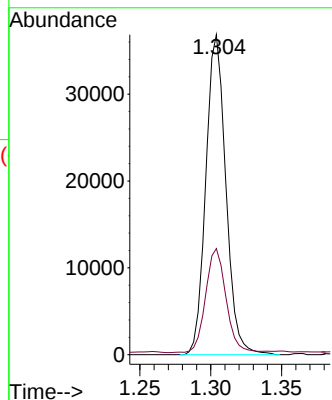
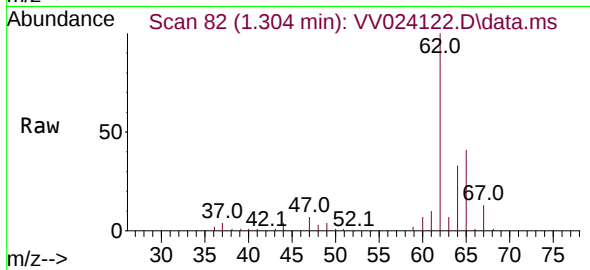




#5
 Vinyl chloride
 Concen: 4.834 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

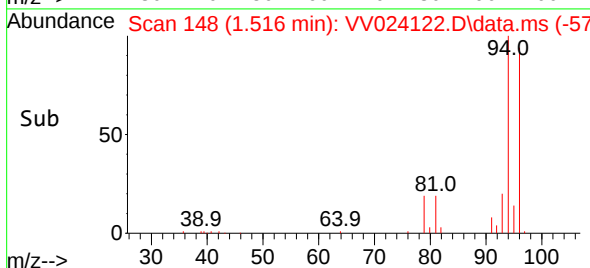
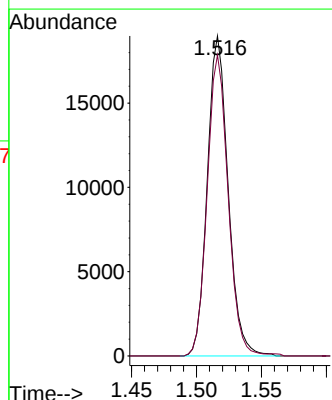
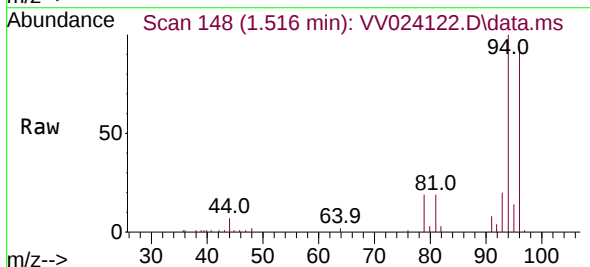
Instrument :
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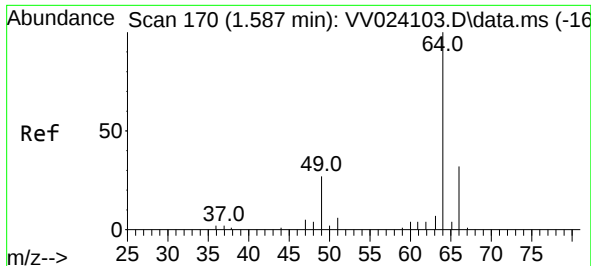
Tgt Ion: 62 Resp: 36187
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.4 41.6



#6
 Bromomethane
 Concen: 4.457 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.007 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

Tgt Ion: 94 Resp: 21202
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.2 123.0

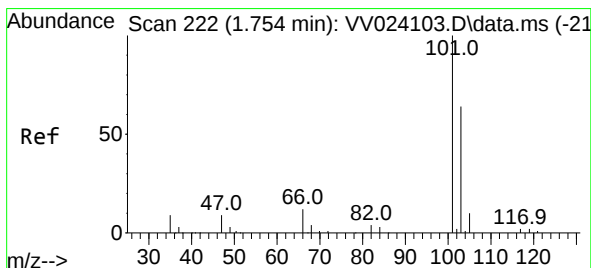
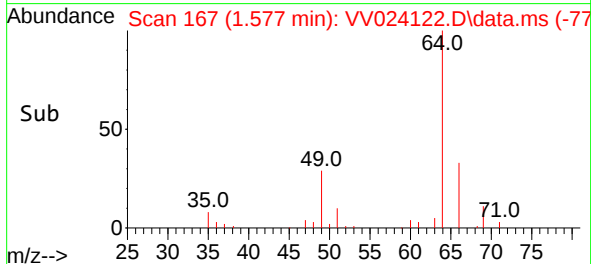
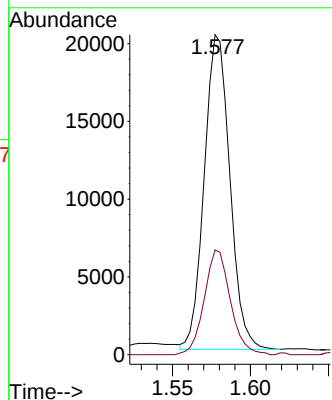
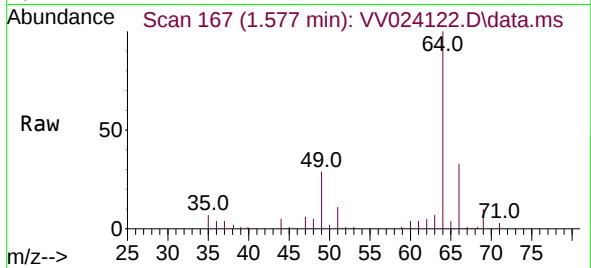




#8
Chloroethane
Concen: 4.749 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.010 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

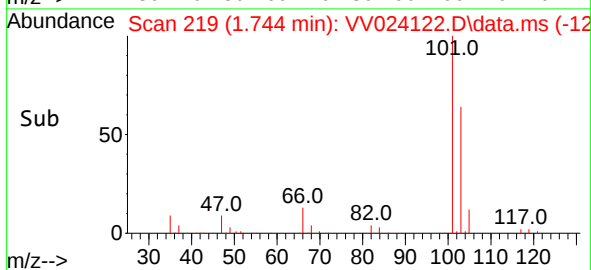
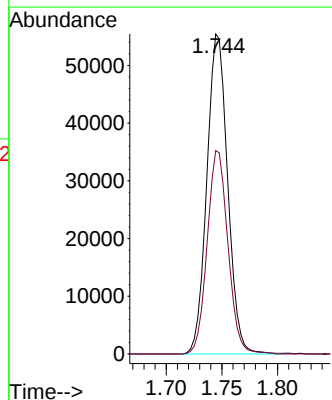
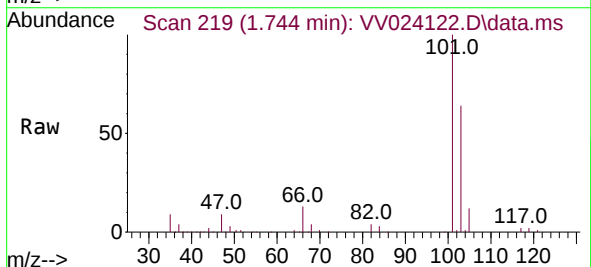
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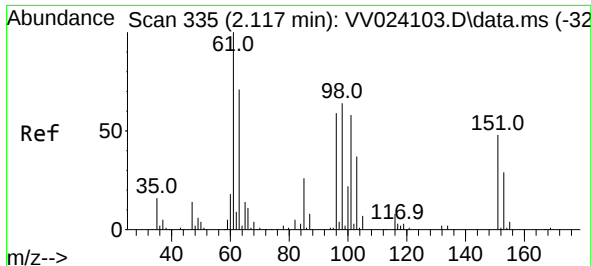
Tgt Ion: 64 Resp: 23132
Ion Ratio Lower Upper
64 100
66 32.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.541 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.010 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion:101 Resp: 72077
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

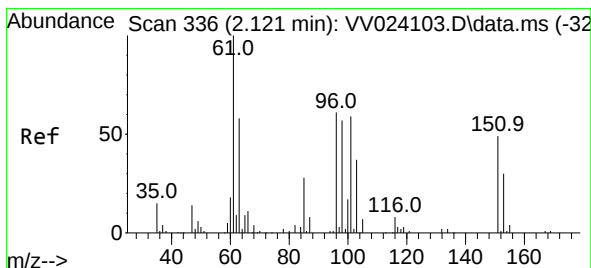
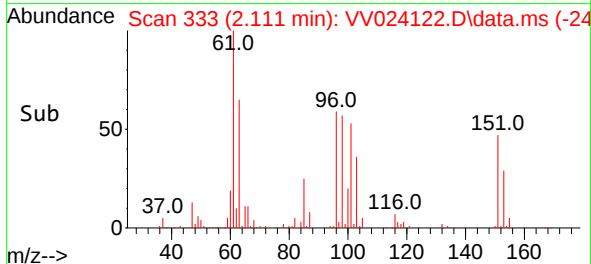
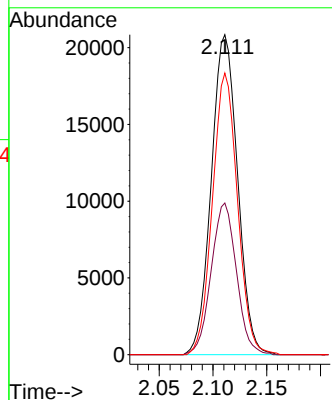
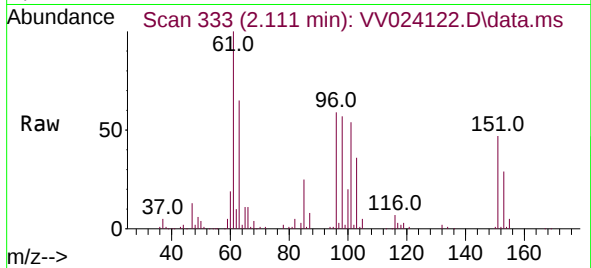




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.180 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

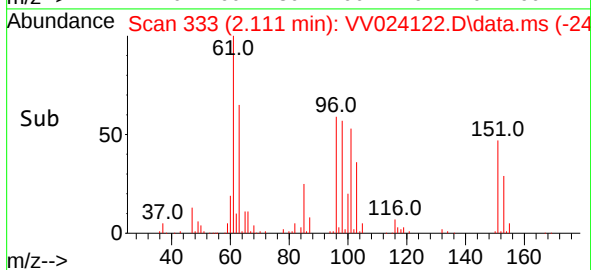
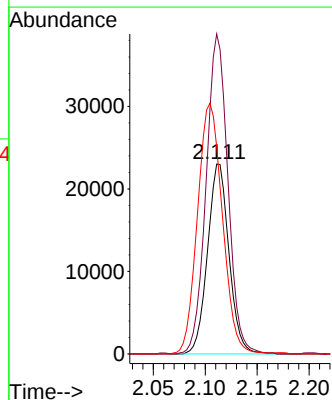
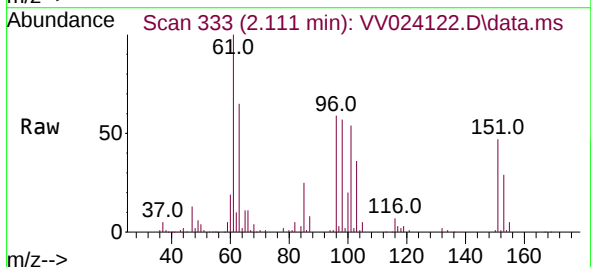
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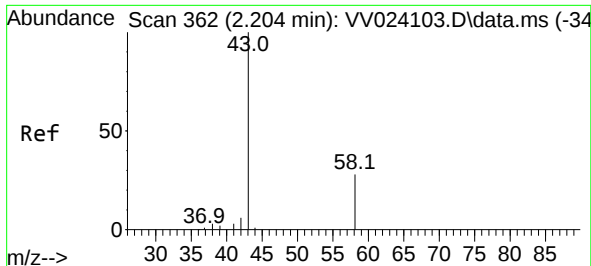
Tgt Ion:101 Resp: 35490
Ion Ratio Lower Upper
101 100
85 45.5 36.0 54.0
151 83.9 66.4 99.6



#12
1,1-Dichloroethene
Concen: 5.312 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 96 Resp: 33078
Ion Ratio Lower Upper
96 100
61 168.5 116.1 215.5
63 109.1 79.4 147.4





#13

Acetone

Concen: 13.871 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.090 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

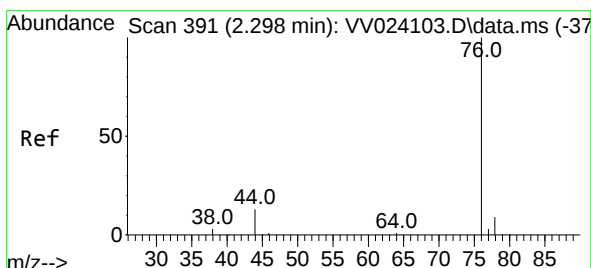
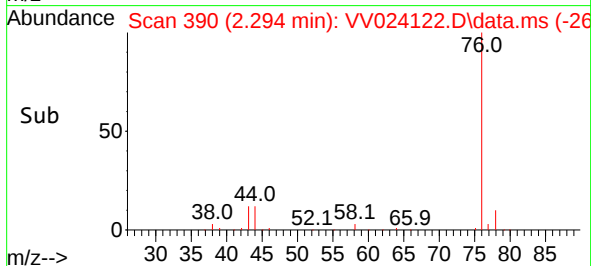
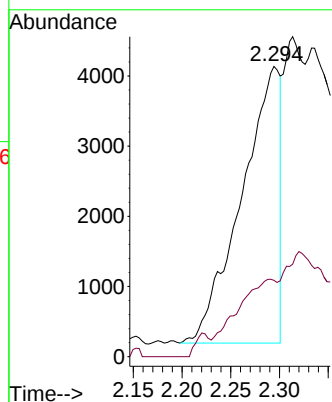
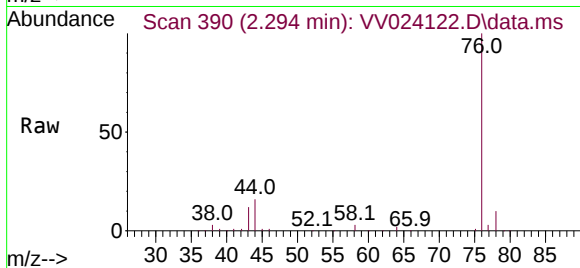
ClientSampleId :

Tgt Ion: 43 Resp: 10818

Ion Ratio Lower Upper

43 100

58 21.1 0.0 41.4



#14

Carbon disulfide

Concen: 3.926 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.010 min

Lab File: VV024122.D

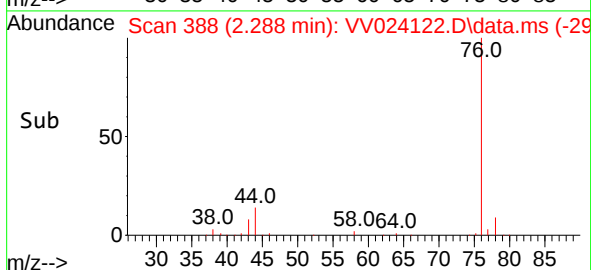
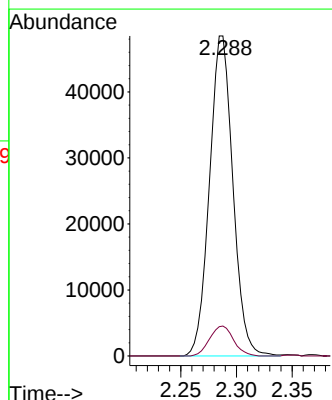
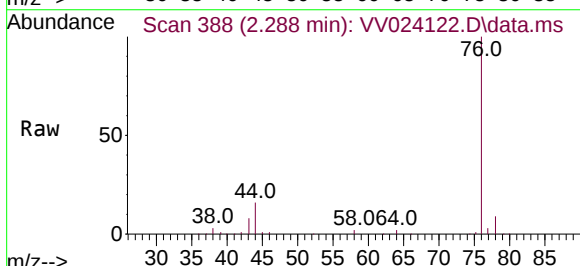
Acq: 20 Dec 2021 04:58

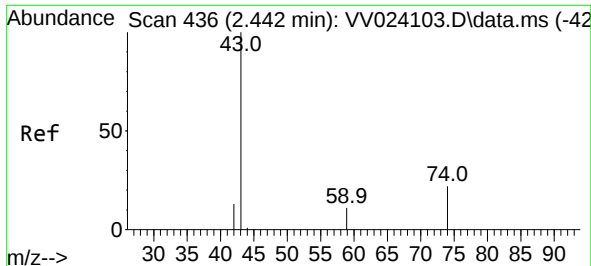
Tgt Ion: 76 Resp: 70910

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





#15

Methyl Acetate

Concen: 7.304 ug/L

RT: 2.468 min Scan# 44

Delta R.T. 0.026 min

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MSVOA_V

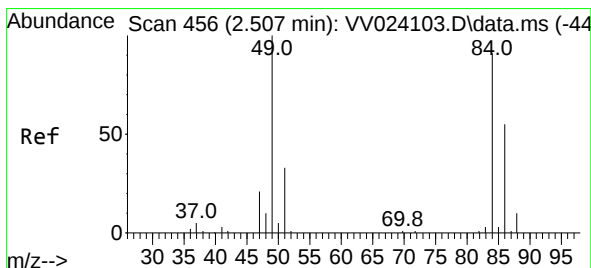
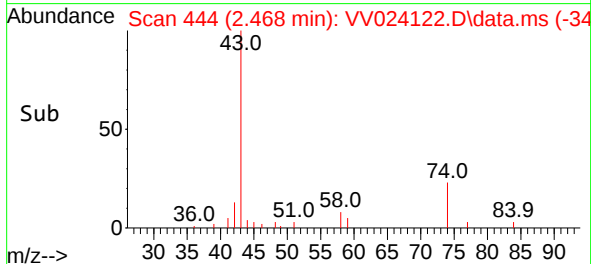
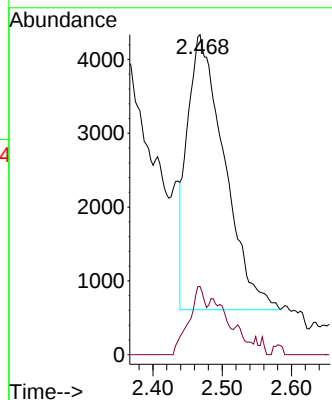
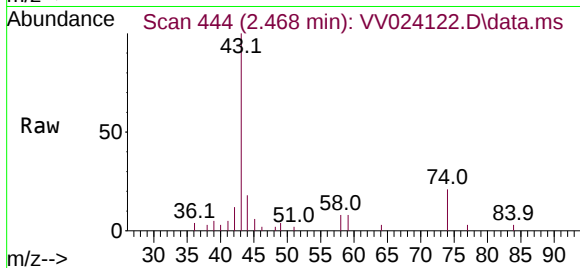
ClientSampleId :

Tgt Ion: 43 Resp: 13808

Ion Ratio Lower Upper

43 100

74 11.1 20.2 30.2#



#16

Methylene chloride

Concen: 4.687 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.003 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

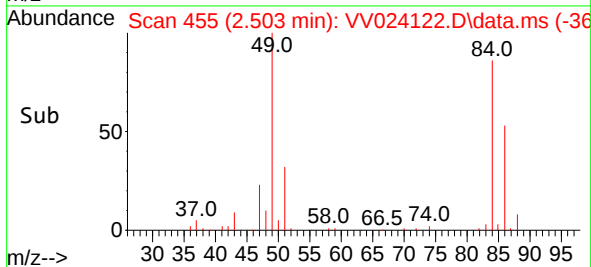
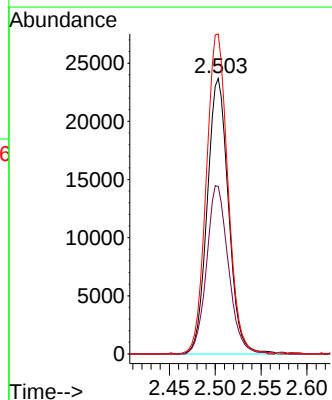
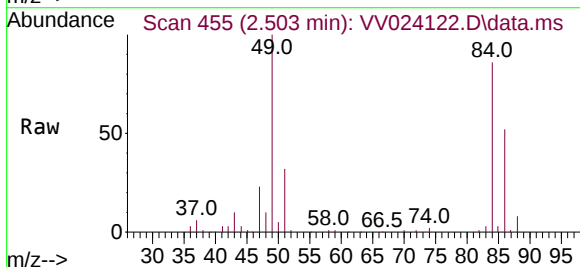
Tgt Ion: 84 Resp: 38184

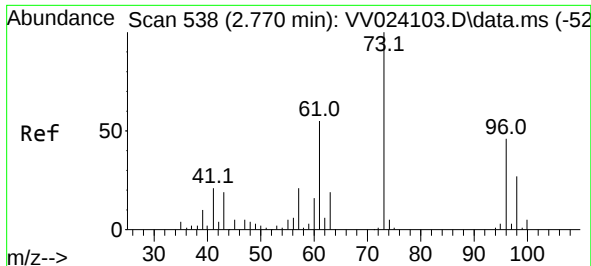
Ion Ratio Lower Upper

84 100

86 60.8 42.6 79.0

49 116.1 79.7 147.9

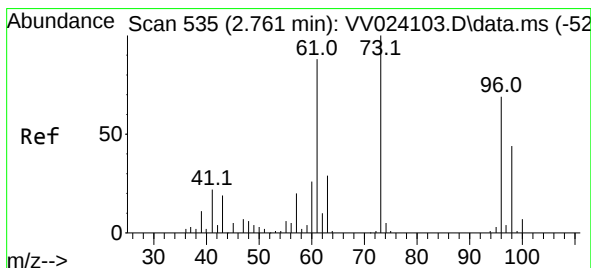
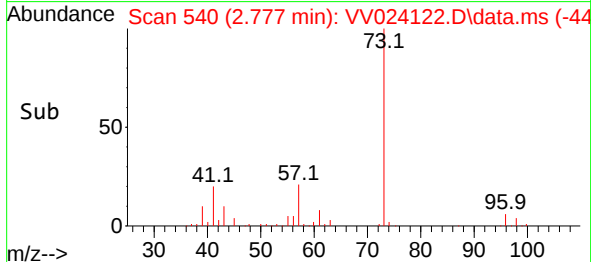
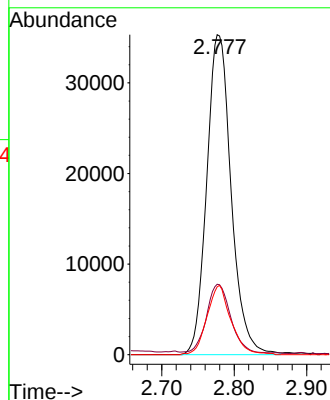
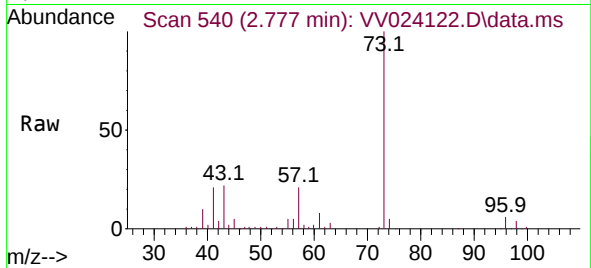




#17
Methyl tert-butyl Ether
Concen: 5.870 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.006 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

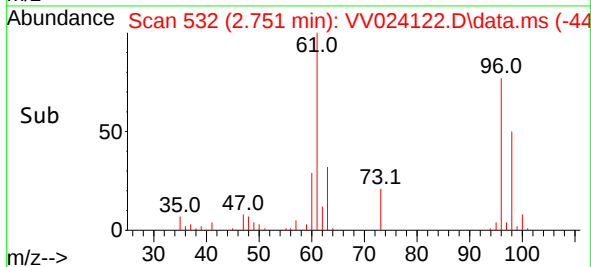
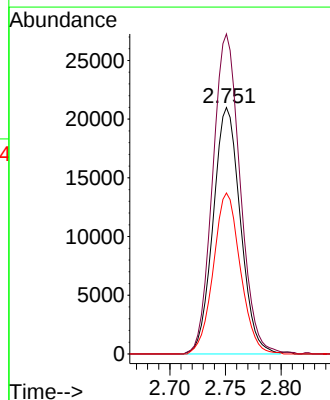
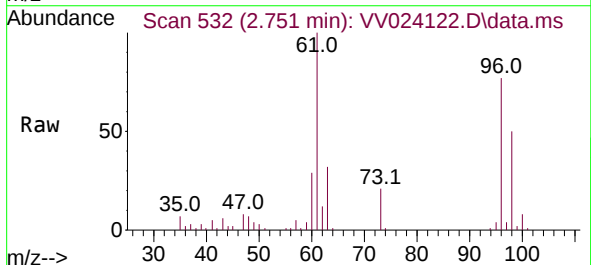
Instrument :
MSVOA_V
ClientSampleId :

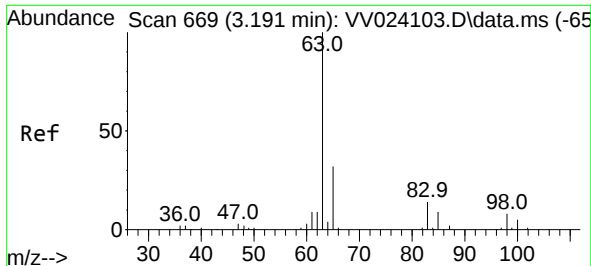
Tgt Ion: 73 Resp: 82660
Ion Ratio Lower Upper
73 100
43 21.1 15.5 23.3
57 21.3 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.182 ug/L
RT: 2.751 min Scan# 532
Delta R.T. -0.010 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 96 Resp: 35719
Ion Ratio Lower Upper
96 100
61 129.9 88.2 163.8
98 65.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.628 ug/L

RT: 3.185 min Scan# 6

Delta R.T. -0.006 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

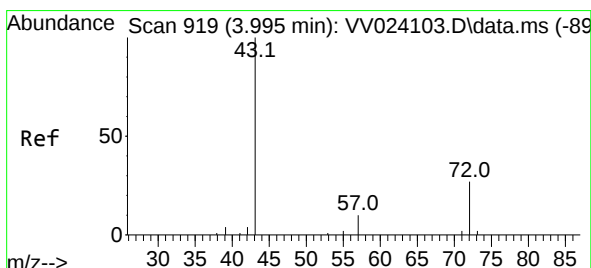
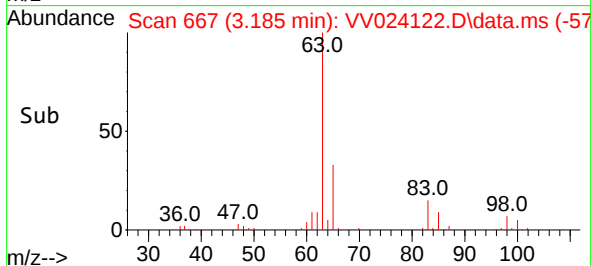
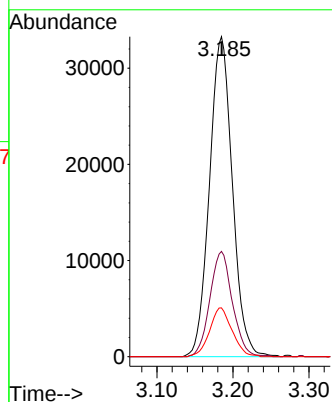
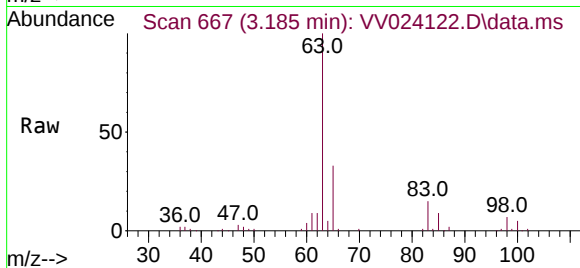
Tgt Ion: 63 Resp: 69626

Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.3

83 15.3 10.7 19.9



#21

2-Butanone

Concen: 61.383 ug/L

RT: 4.085 min Scan# 947

Delta R.T. 0.090 min

Lab File: VV024122.D

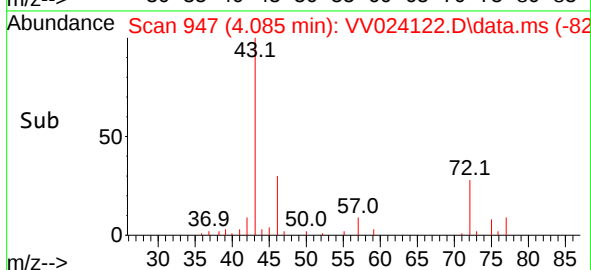
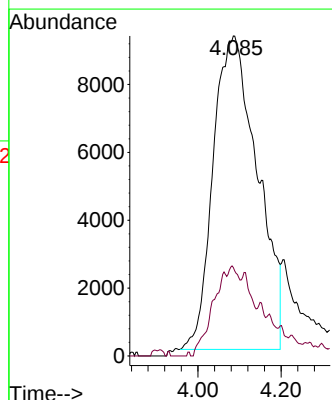
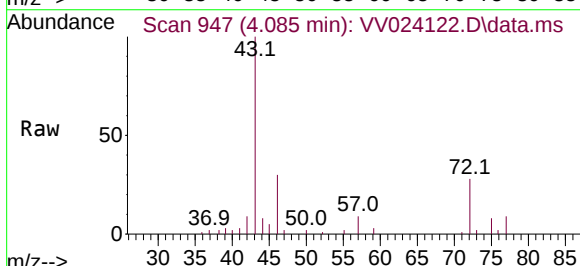
Acq: 20 Dec 2021 04:58

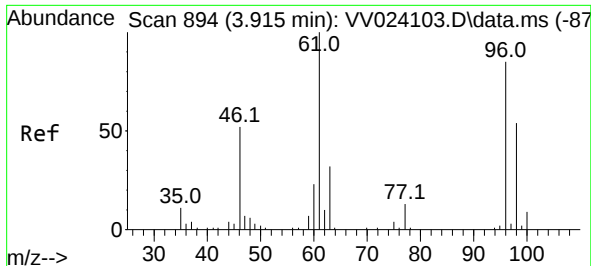
Tgt Ion: 43 Resp: 68401

Ion Ratio Lower Upper

43 100

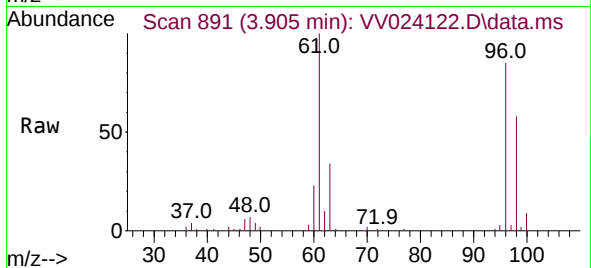
72 9.1 11.1 33.1#



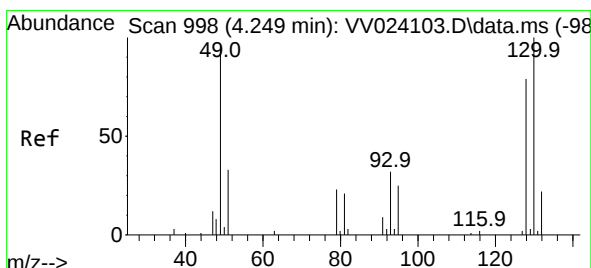
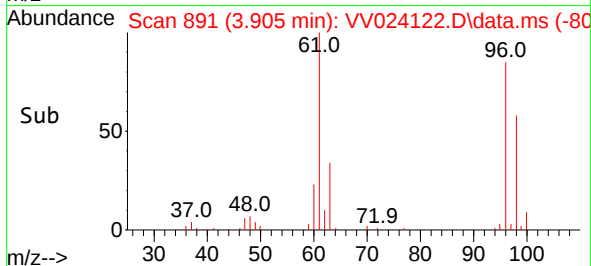
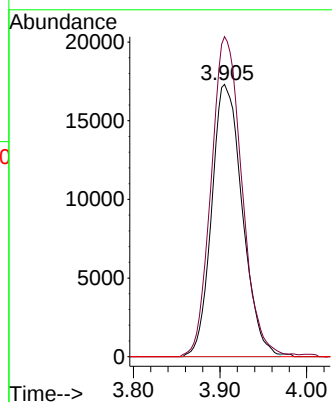


#22
 cis-1,2-Dichloroethene
 Concen: 5.833 ug/L
 RT: 3.905 min Scan# 894
 Delta R.T. -0.010 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

Instrument :
 MSVOA_V
 ClientSampleId :

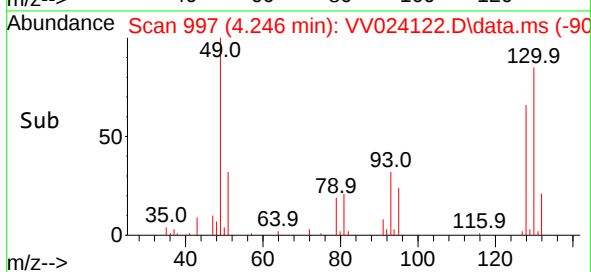
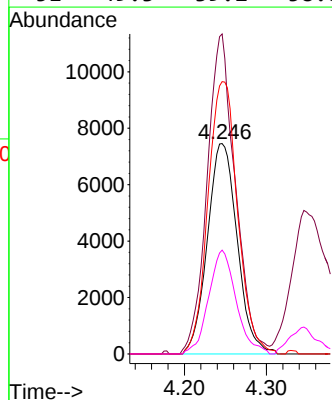
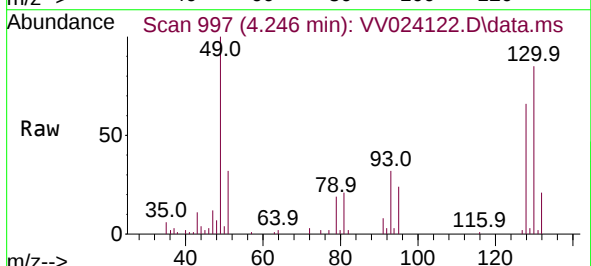


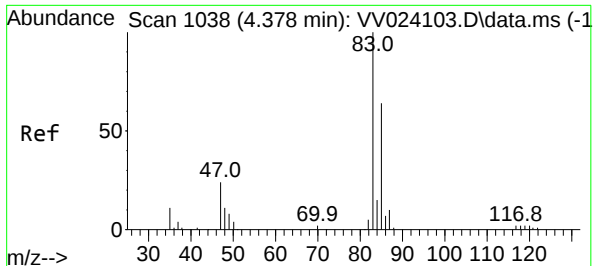
Tgt Ion: 96 Resp: 42560
 Ion Ratio Lower Upper
 96 100
 61 117.5 83.4 154.8
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.670 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

Tgt Ion: 128 Resp: 18800
 Ion Ratio Lower Upper
 128 100
 49 152.1 100.2 186.2
 130 129.4 92.5 171.7
 51 49.3 39.2 58.8





#25

Chloroform

Concen: 5.672 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

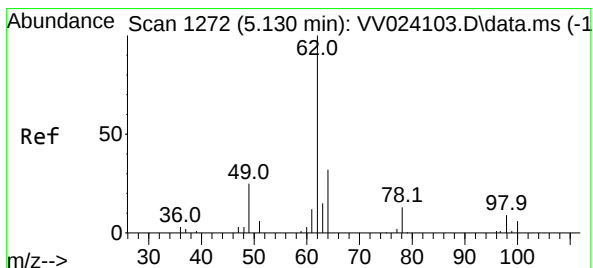
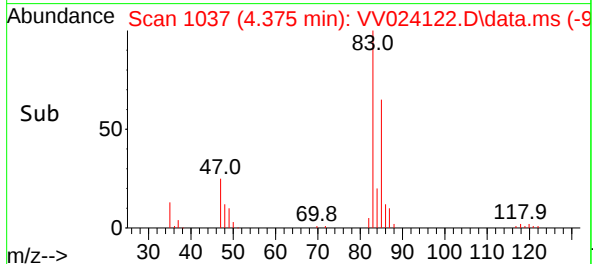
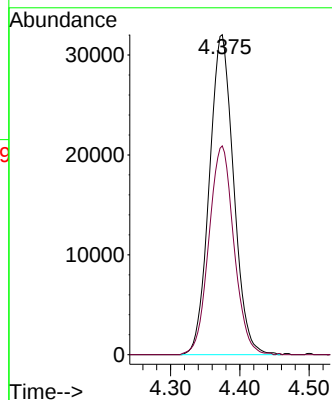
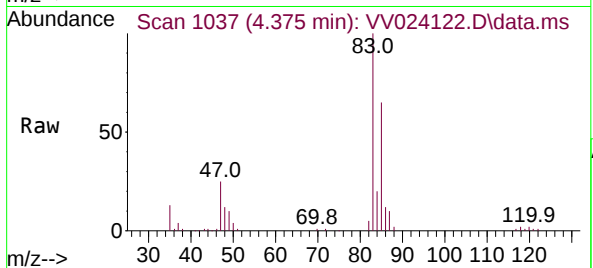
ClientSampleId :

Tgt Ion: 83 Resp: 78007

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.985 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VV024122.D

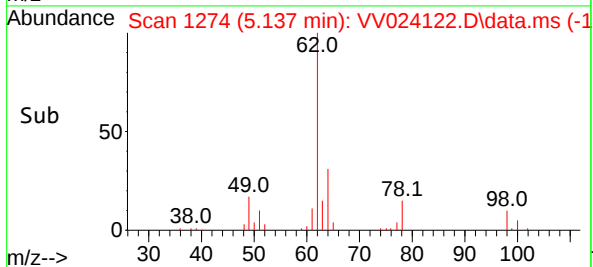
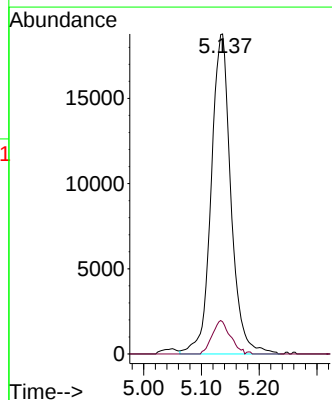
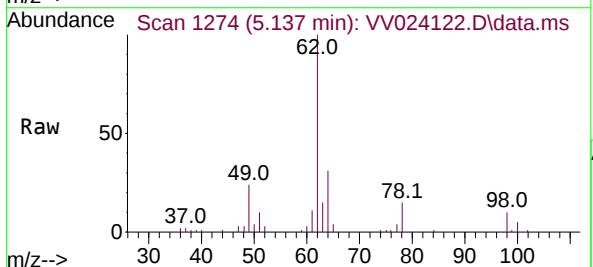
Acq: 20 Dec 2021 04:58

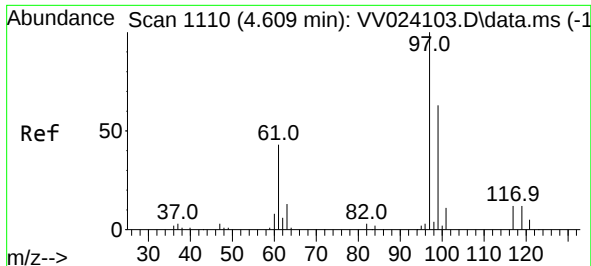
Tgt Ion: 62 Resp: 44593

Ion Ratio Lower Upper

62 100

98 10.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.511 ug/L

RT: 4.600 min Scan# 1110

Delta R.T. -0.010 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

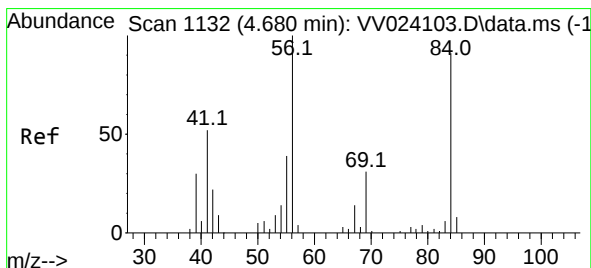
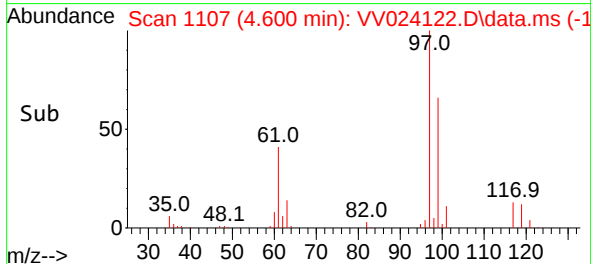
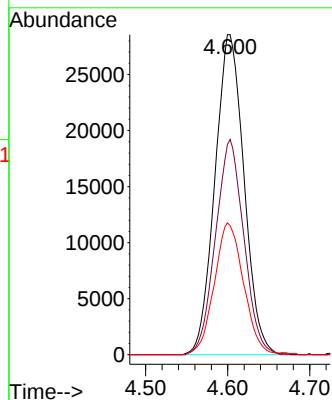
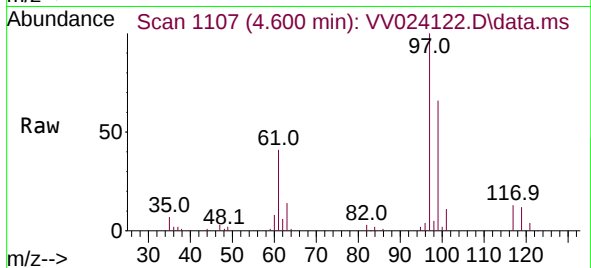
Tgt Ion: 97 Resp: 70416

Ion Ratio Lower Upper

97 100

99 65.5 51.9 77.9

61 41.3 33.2 49.8



#30

Cyclohexane

Concen: 4.791 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.010 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

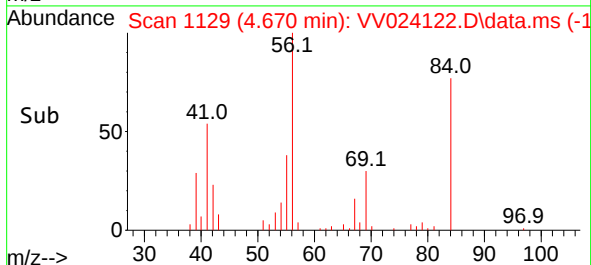
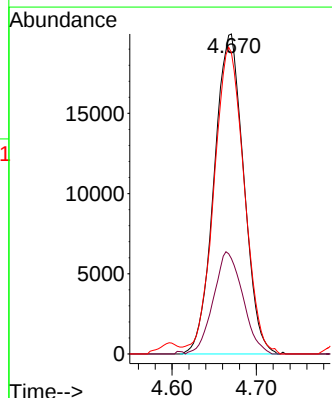
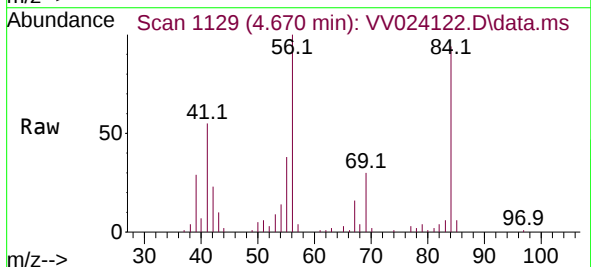
Tgt Ion: 56 Resp: 48550

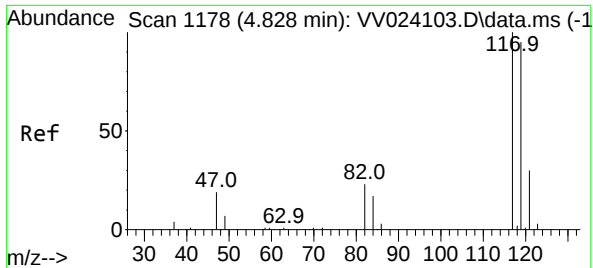
Ion Ratio Lower Upper

56 100

69 31.7 24.8 37.2

84 97.9 75.9 113.9

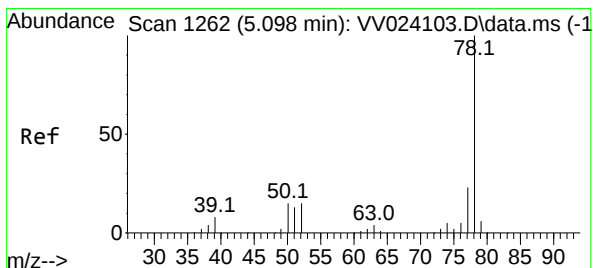
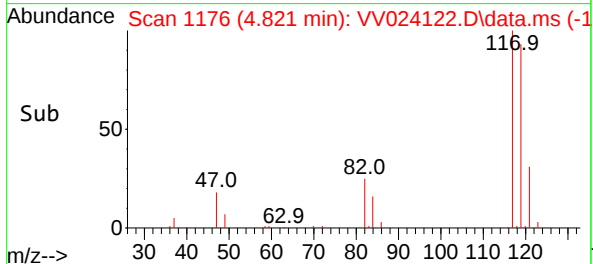
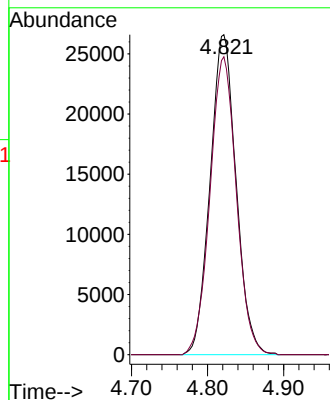
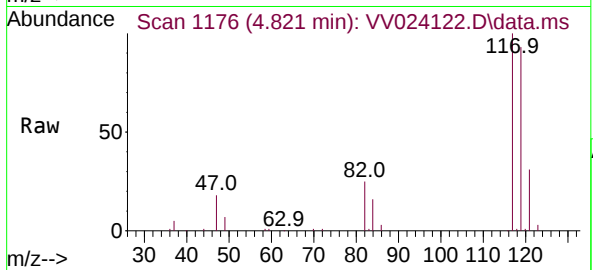




#31
Carbon tetrachloride
Concen: 5.252 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

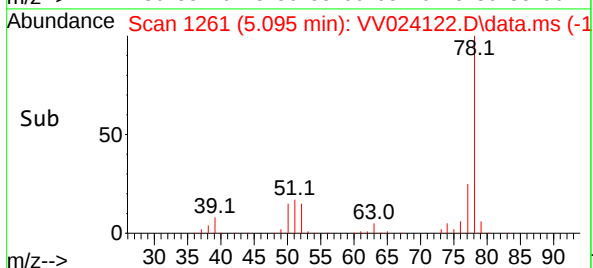
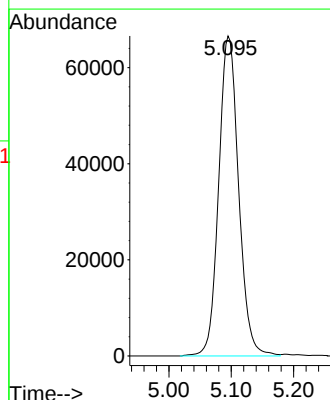
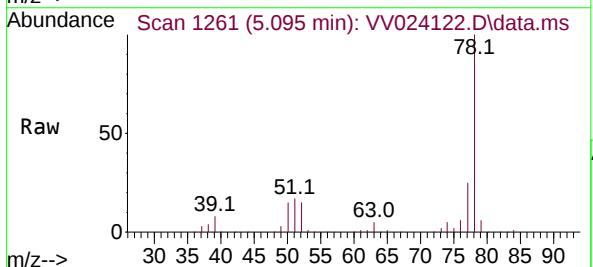
Instrument :
MSVOA_V
ClientSampleId :

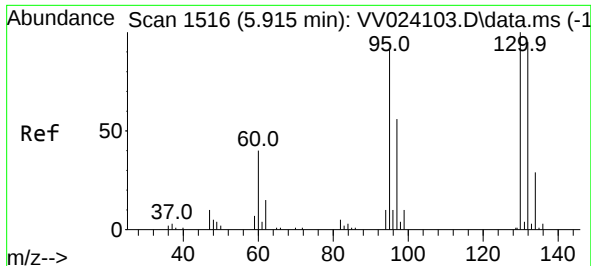
Tgt Ion:117 Resp: 63082
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8



#33
Benzene
Concen: 5.345 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 78 Resp: 147683

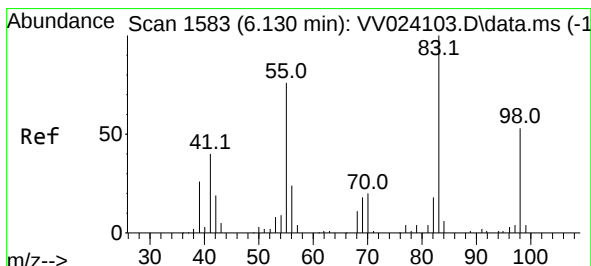
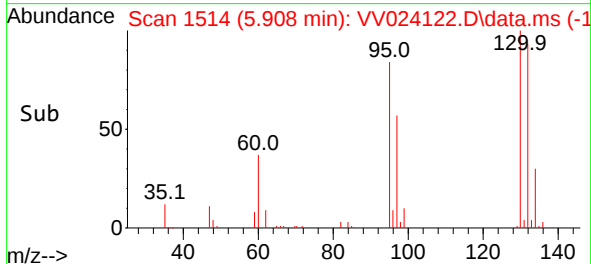
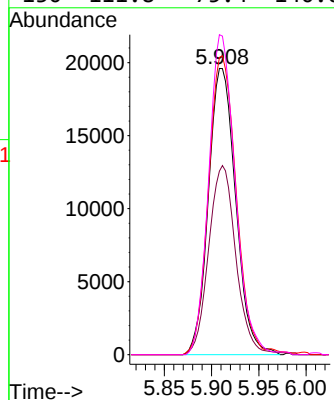
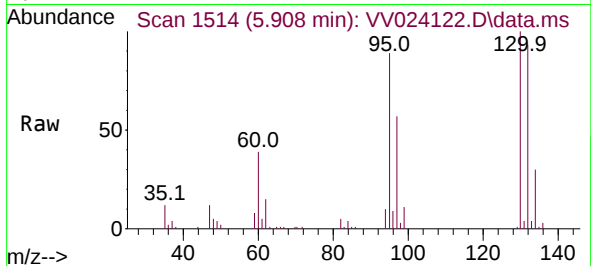




#34
Trichloroethene
Concen: 5.044 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

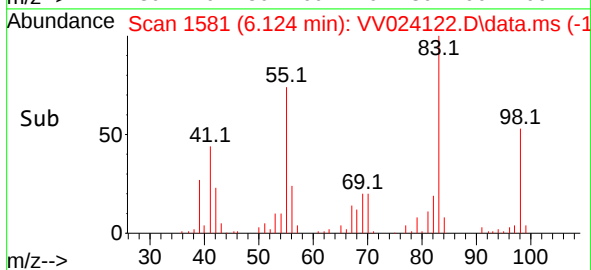
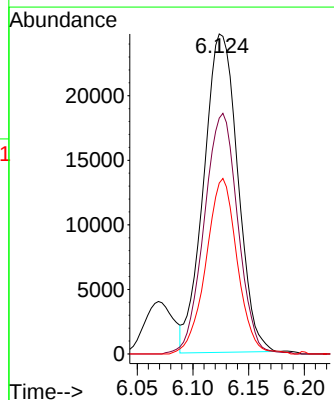
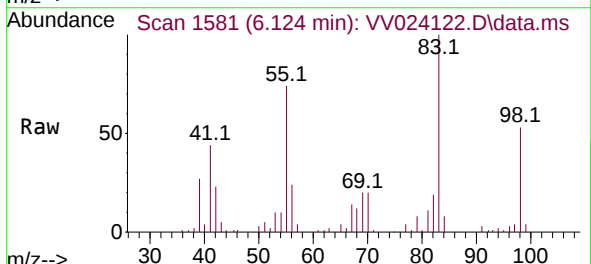
Instrument :
MSVOA_V
ClientSampleId :

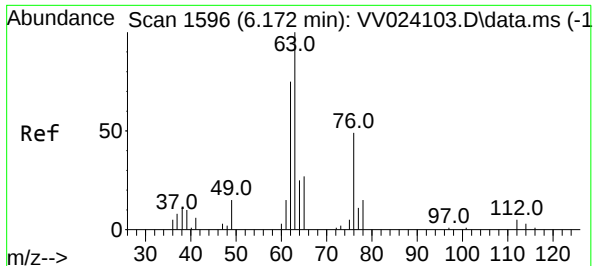
Tgt Ion: 95 Resp: 39304
Ion Ratio Lower Upper
95 100
97 64.1 45.2 84.0
132 103.8 76.1 141.3
130 111.8 75.4 140.0



#35
Methylcyclohexane
Concen: 4.580 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.007 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 83 Resp: 52526
Ion Ratio Lower Upper
83 100
55 74.7 60.2 90.2
98 50.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.586 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

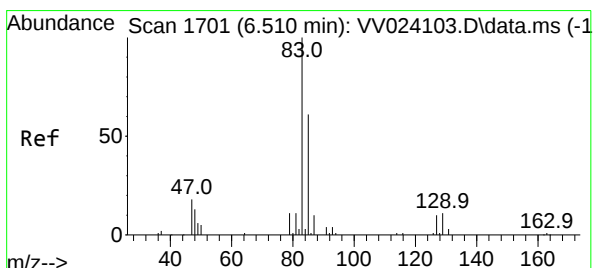
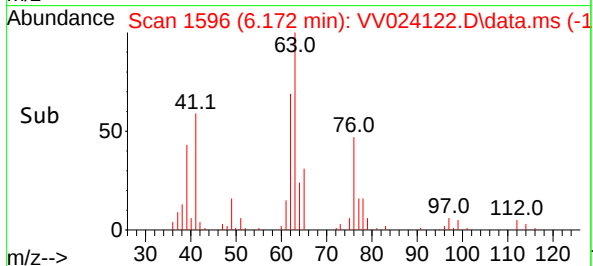
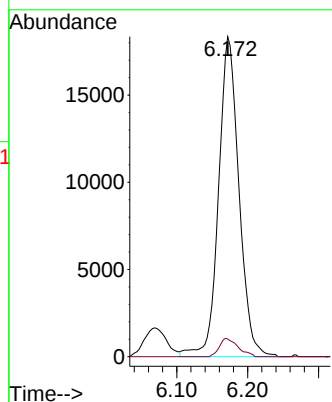
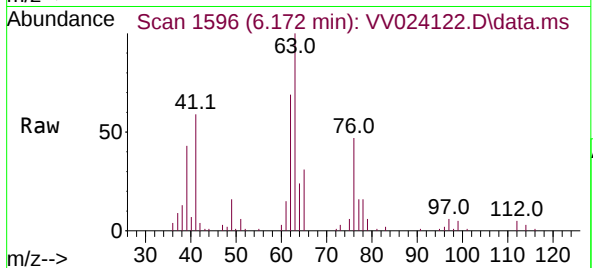
ClientSampleId :

Tgt Ion: 63 Resp: 36683

Ion Ratio Lower Upper

63 100

112 5.2 4.3 6.5



#38

Bromodichloromethane

Concen: 5.199 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

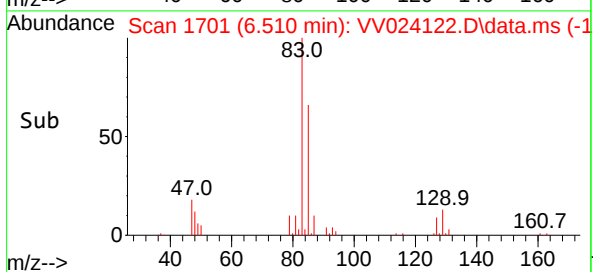
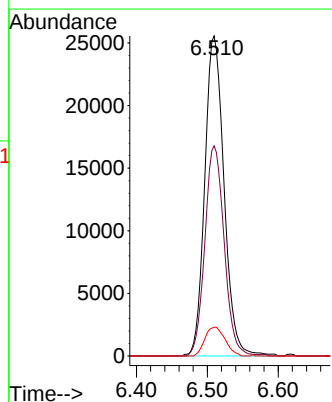
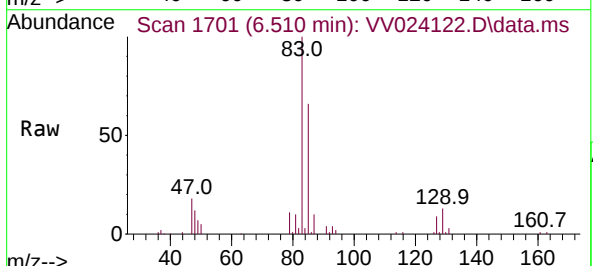
Tgt Ion: 83 Resp: 48361

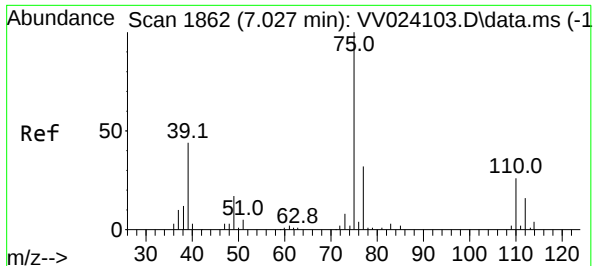
Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.8

127 9.0 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.357 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

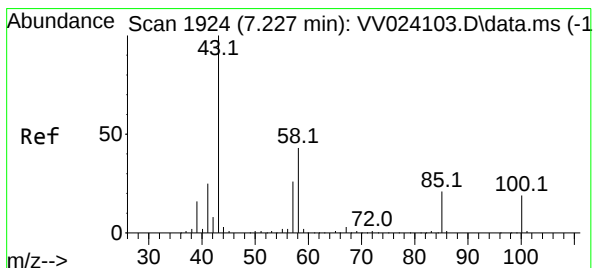
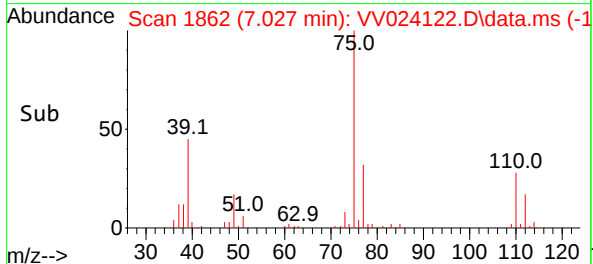
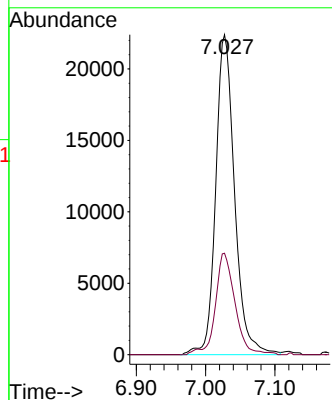
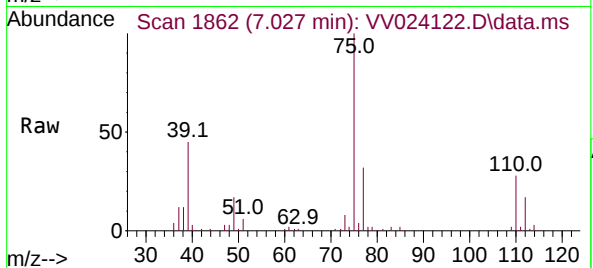
ClientSampleId :

Tgt Ion: 75 Resp: 42471

Ion Ratio Lower Upper

75 100

77 31.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 60.162 ug/L

RT: 7.239 min Scan# 1928

Delta R.T. 0.013 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

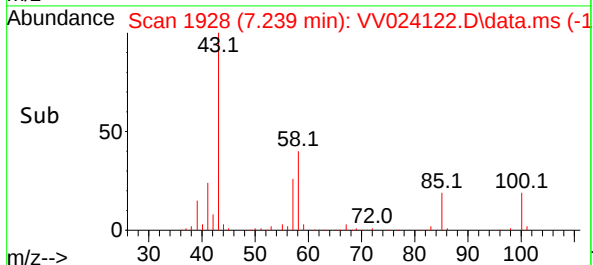
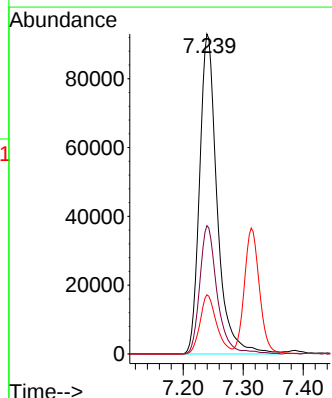
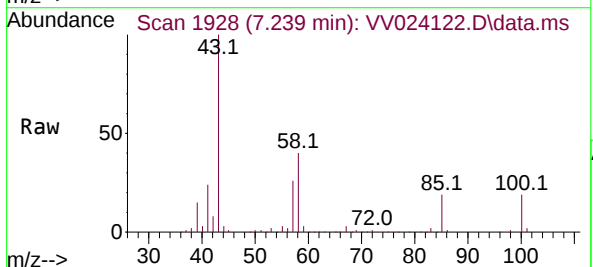
Tgt Ion: 43 Resp: 189777

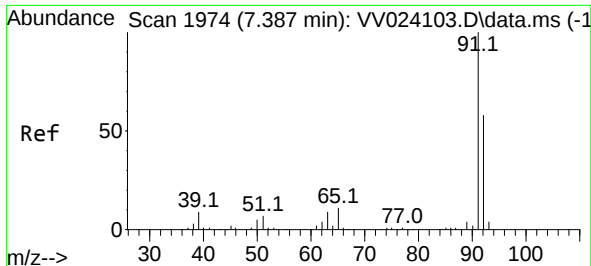
Ion Ratio Lower Upper

43 100

58 40.0 32.3 48.5

100 17.5 13.0 19.6





#42

Toluene

Concen: 5.343 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

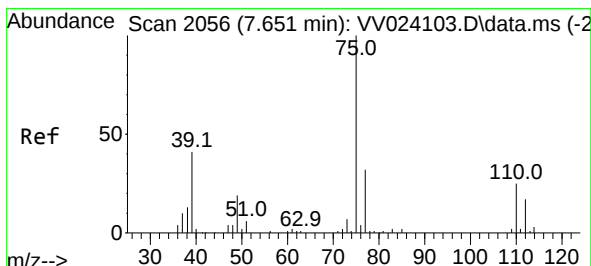
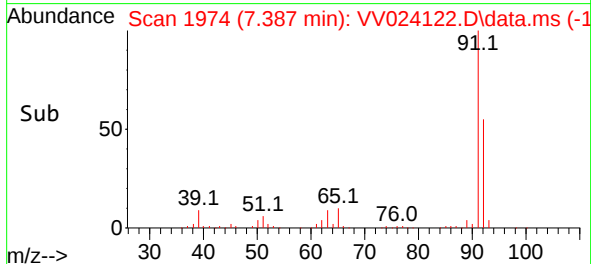
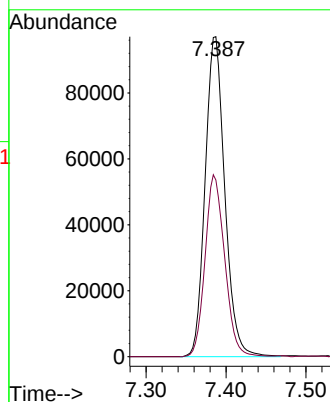
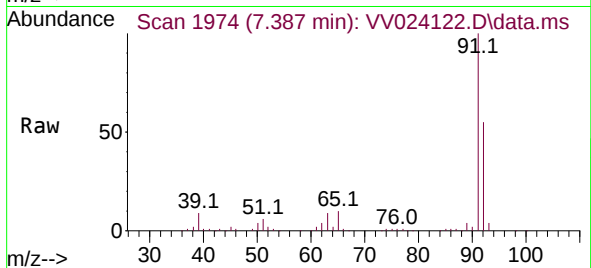
ClientSampleId :

Tgt Ion: 91 Resp: 166147

Ion Ratio Lower Upper

91 100

92 55.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.419 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024122.D

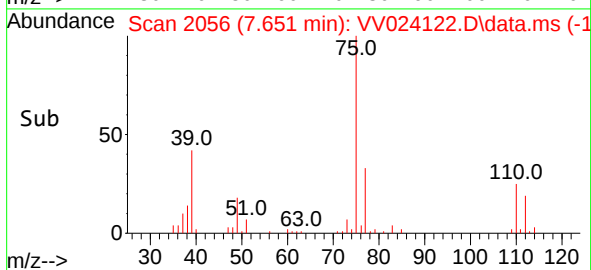
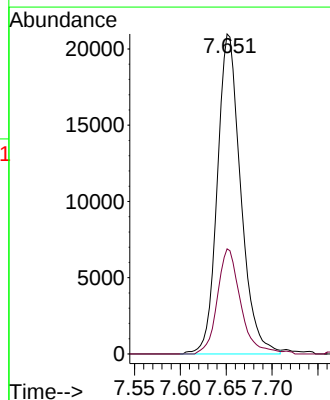
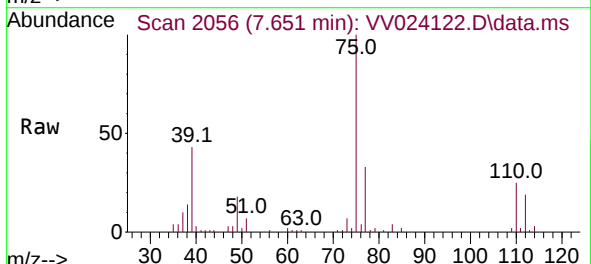
Acq: 20 Dec 2021 04:58

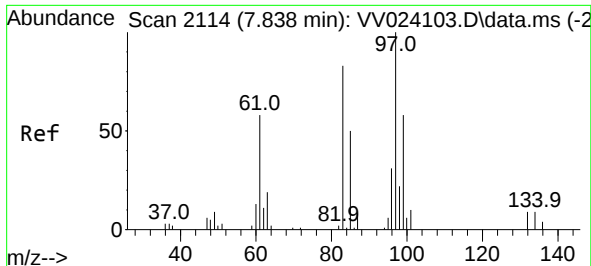
Tgt Ion: 75 Resp: 37236

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.594 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 27178

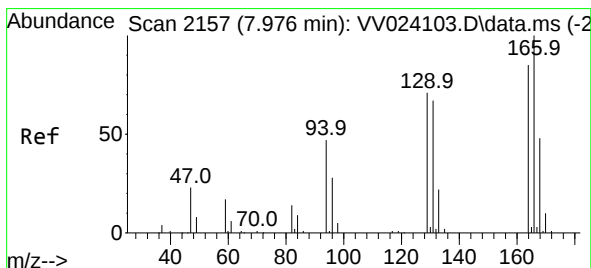
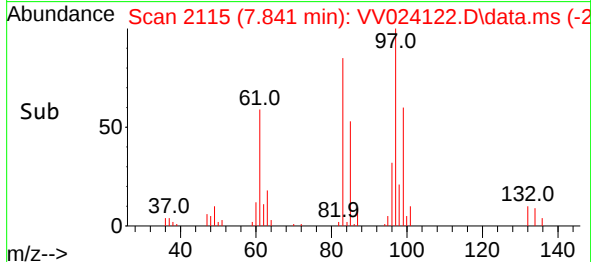
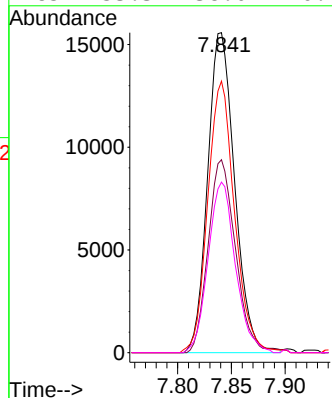
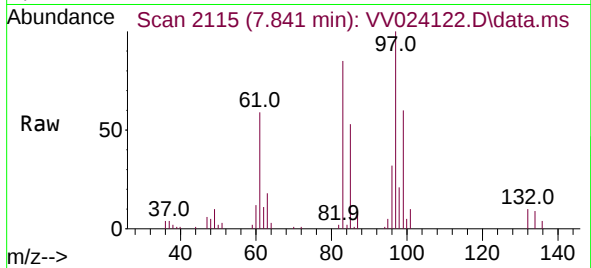
Ion Ratio Lower Upper

97 100

99 60.3 43.1 80.1

83 84.9 57.9 107.5

85 53.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.057 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Tgt Ion:164 Resp: 34694

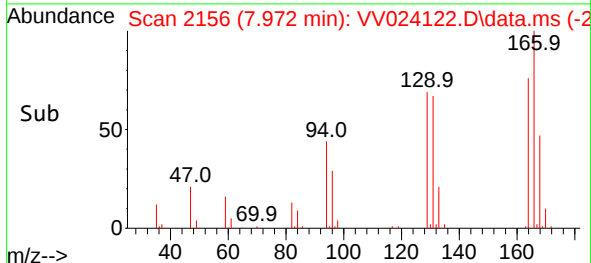
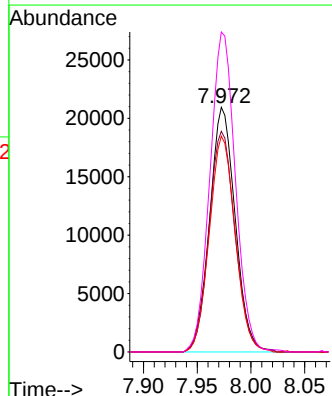
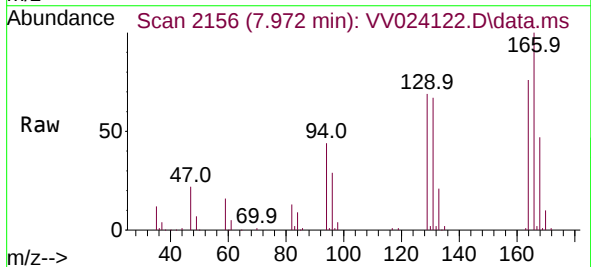
Ion Ratio Lower Upper

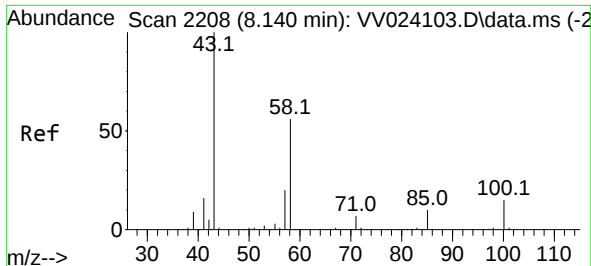
164 100

129 90.2 62.6 116.2

131 88.3 61.0 113.4

166 130.8 87.3 162.1

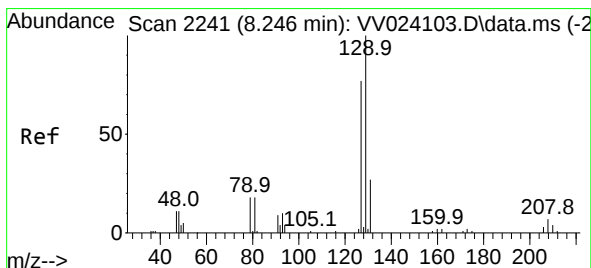
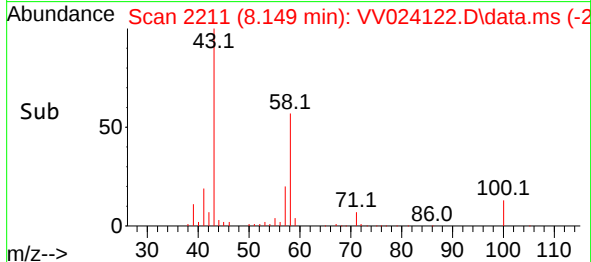
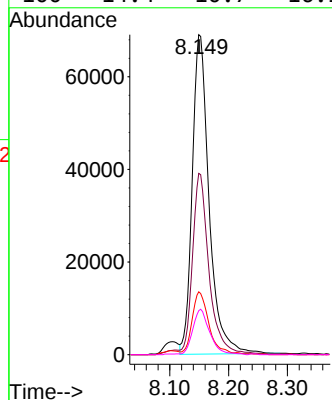
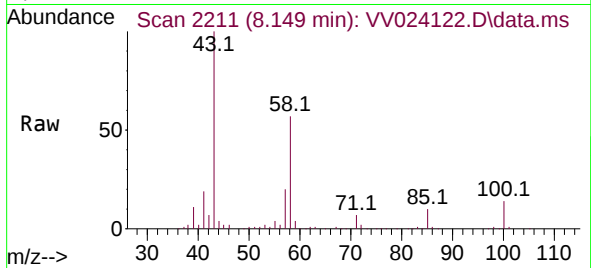




#48
2-Hexanone
Concen: 60.000 ug/L
RT: 8.149 min Scan# 211
Delta R.T. 0.010 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

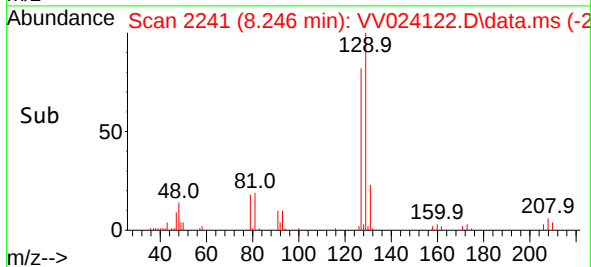
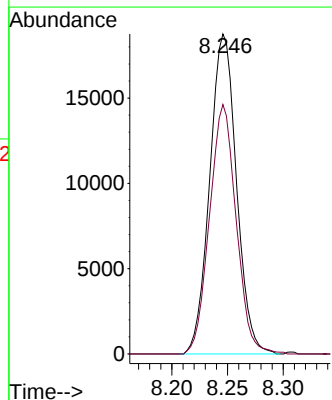
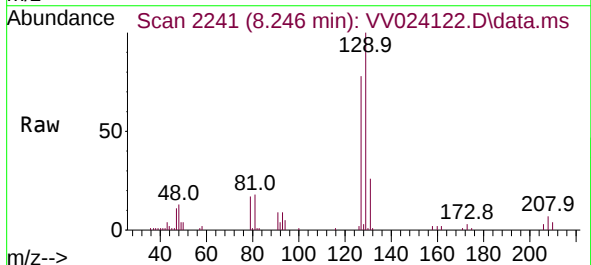
Instrument :
MSVOA_V
ClientSampleId :

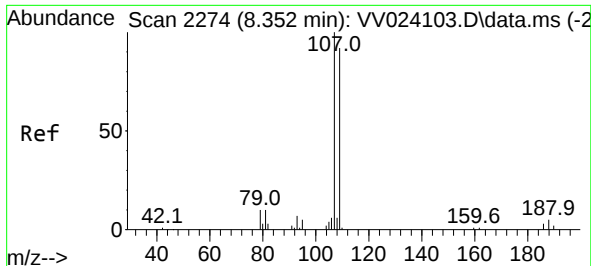
Tgt Ion: 43 Resp: 137235
Ion Ratio Lower Upper
43 100
58 56.9 44.5 66.7
57 19.2 15.1 22.7
100 14.4 10.7 16.1



#49
Dibromochloromethane
Concen: 4.743 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion:129 Resp: 31350
Ion Ratio Lower Upper
129 100
127 78.0 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.562 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024122.D

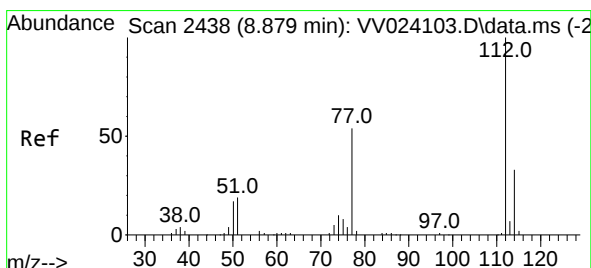
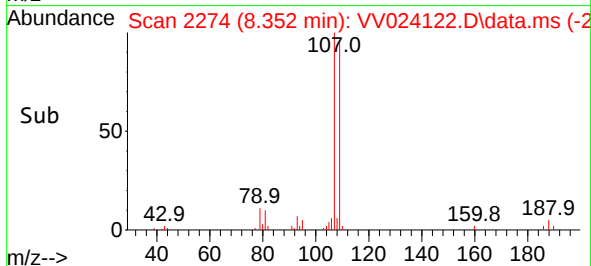
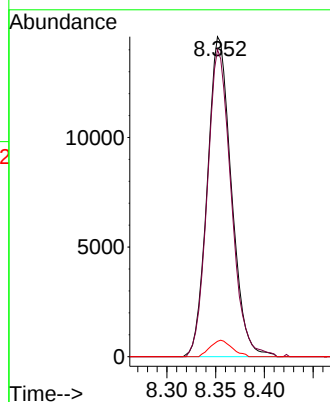
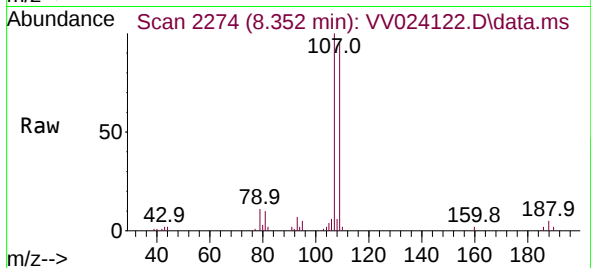
Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	25088
Ion Ratio	Lower	Upper
107	100	
109	96.0	62.5 116.1
188	4.8	3.4 5.2



#51

Chlorobenzene

Concen: 5.133 ug/L

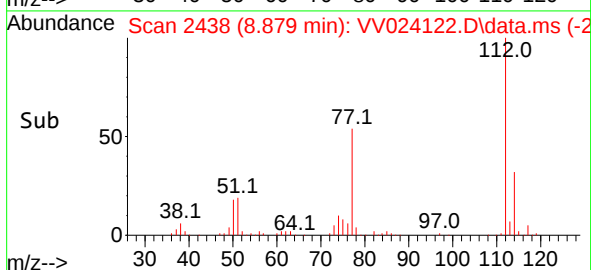
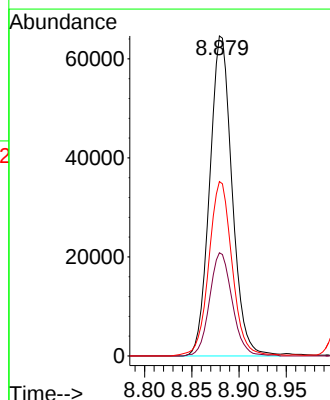
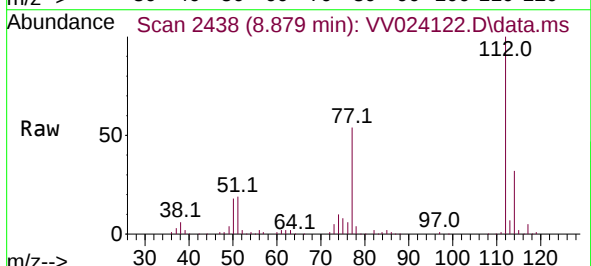
RT: 8.879 min Scan# 2438

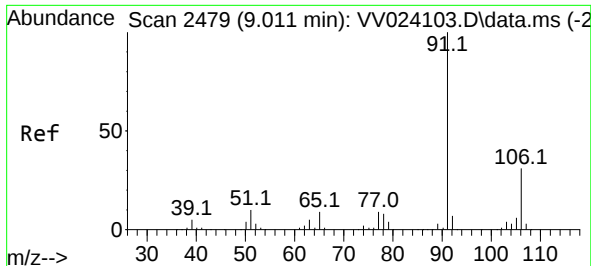
Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Tgt Ion:112	Resp:	106665
Ion Ratio	Lower	Upper
112	100	
114	32.2	23.3 43.3
77	54.5	43.3 64.9

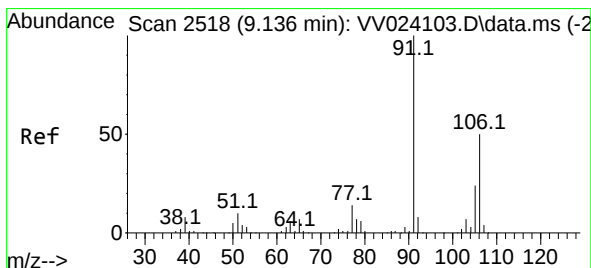
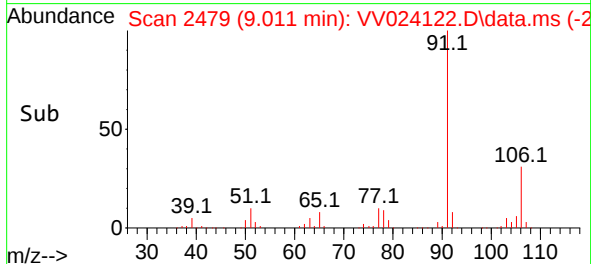
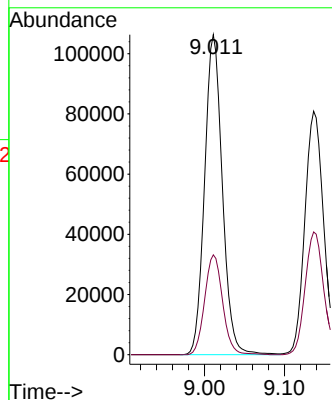
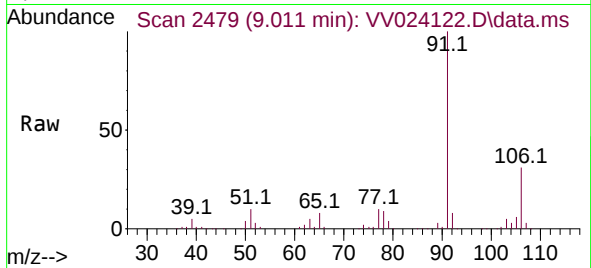




#52
Ethylbenzene
Concen: 5.016 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

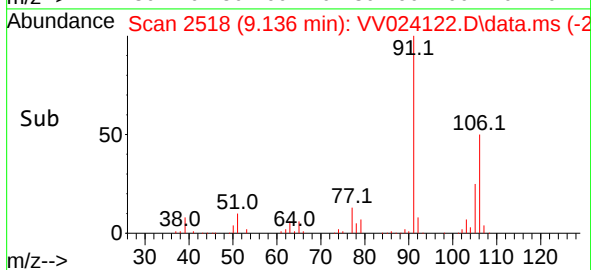
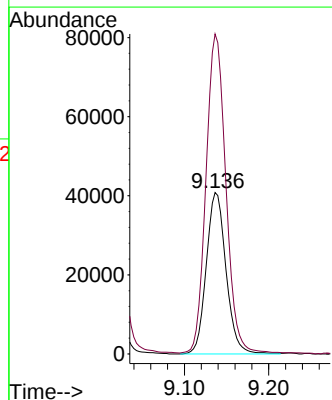
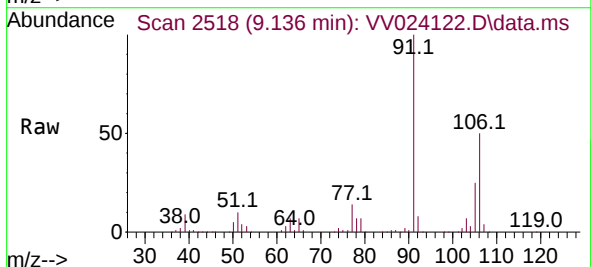
Instrument :
MSVOA_V
ClientSampleId :

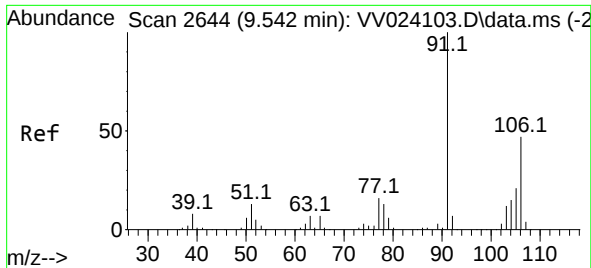
Tgt Ion: 91 Resp: 164563
Ion Ratio Lower Upper
91 100
106 31.2 22.0 41.0



#53
m,p-xylene
Concen: 5.139 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 106 Resp: 66671
Ion Ratio Lower Upper
106 100
91 198.3 139.5 259.1

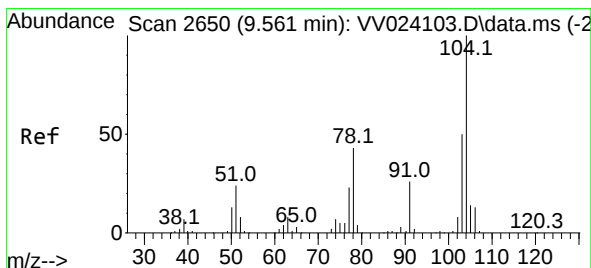
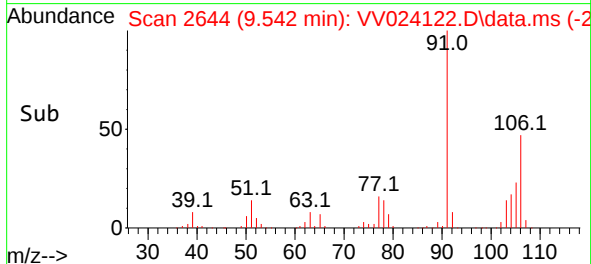
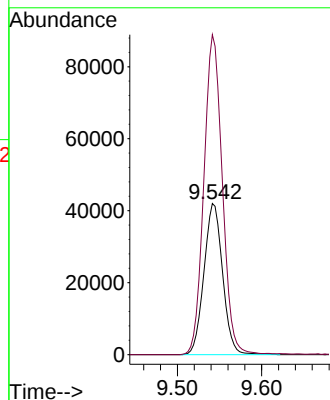
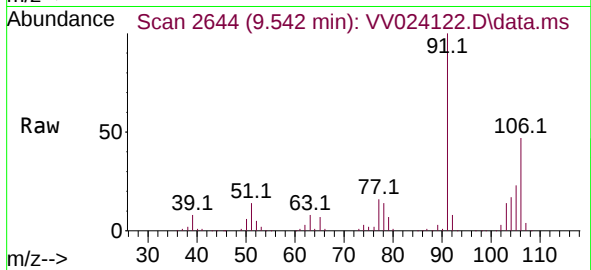




#54
o-xylene
Concen: 5.171 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

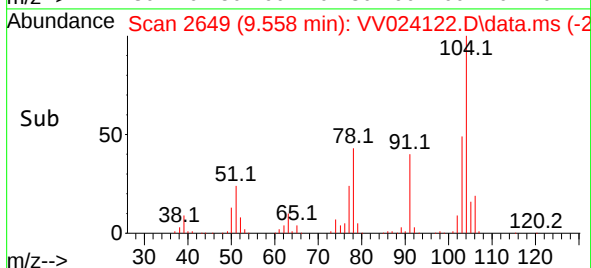
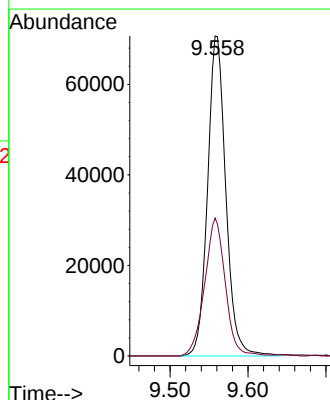
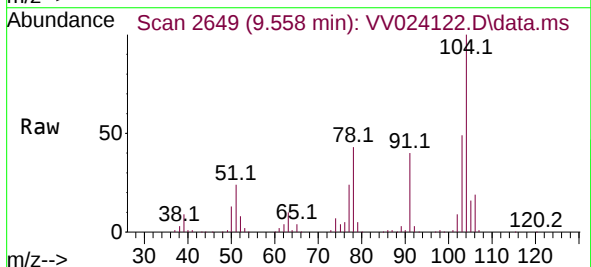
Instrument :
MSVOA_V
ClientSampleId :

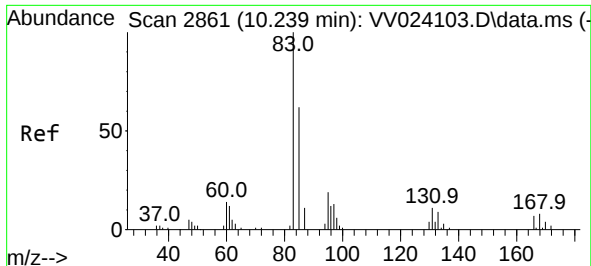
Tgt Ion:106 Resp: 64877
Ion Ratio Lower Upper
106 100
91 211.6 147.9 274.7



#55
Styrene
Concen: 5.514 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion:104 Resp: 115173
Ion Ratio Lower Upper
104 100
78 43.1 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.545 ug/L

RT: 10.242 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

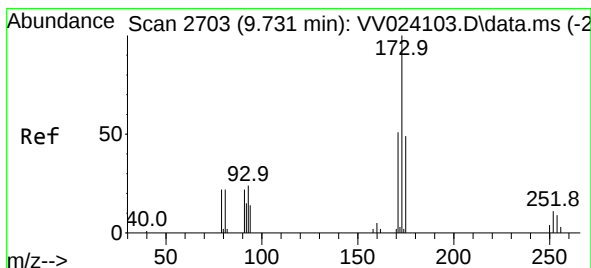
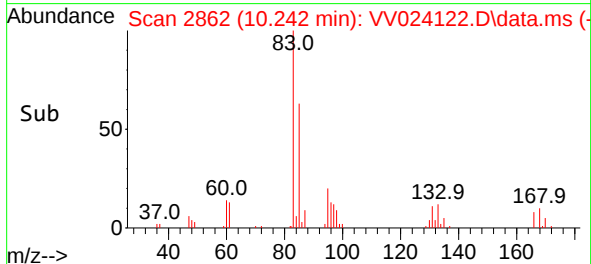
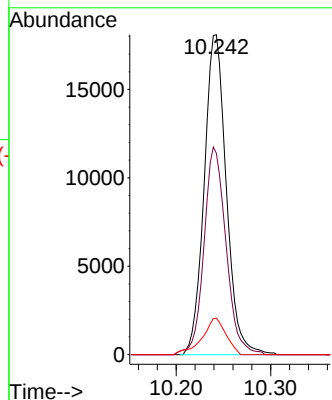
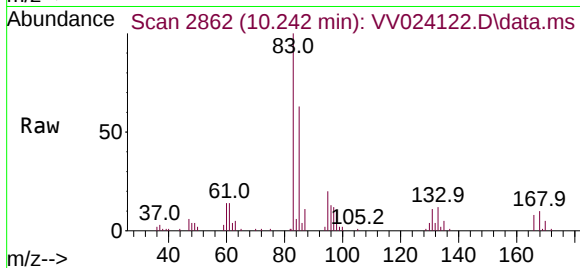
Tgt Ion: 83 Resp: 29500

Ion Ratio Lower Upper

83 100

85 62.9 44.6 82.8

131 11.4 8.3 12.5



#59

Bromoform

Concen: 3.370 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

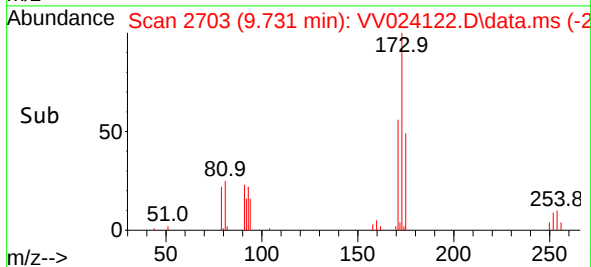
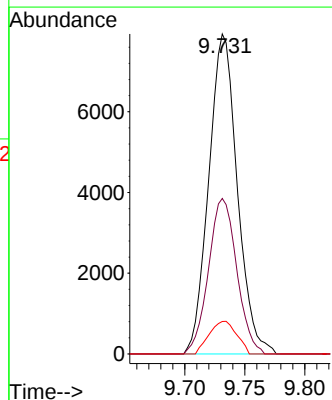
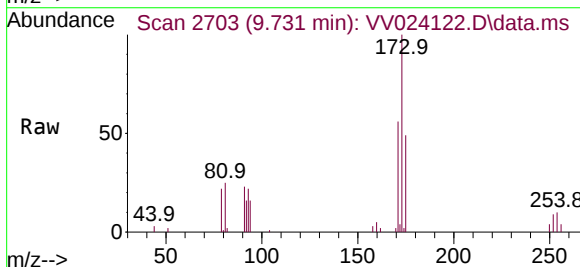
Tgt Ion: 173 Resp: 13117

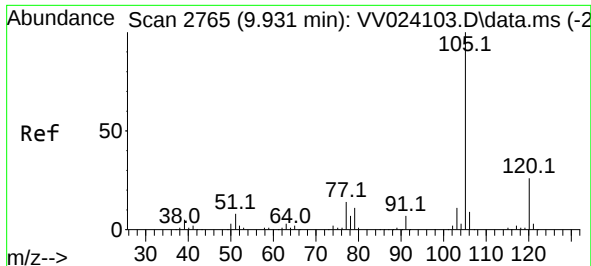
Ion Ratio Lower Upper

173 100

175 48.2 39.4 59.2

254 9.8 7.4 11.0

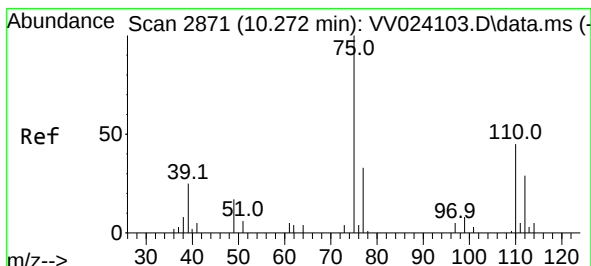
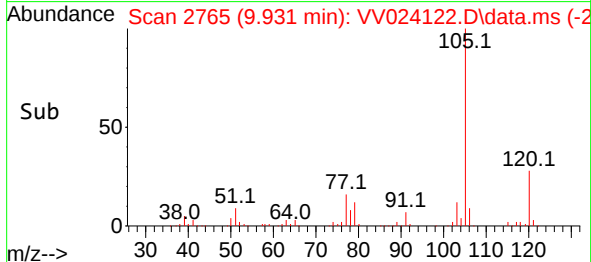
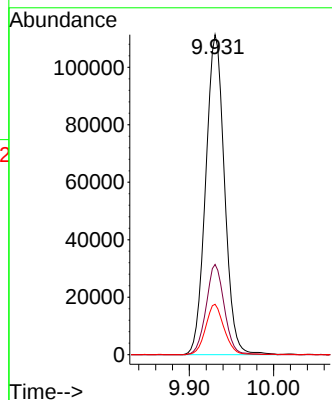
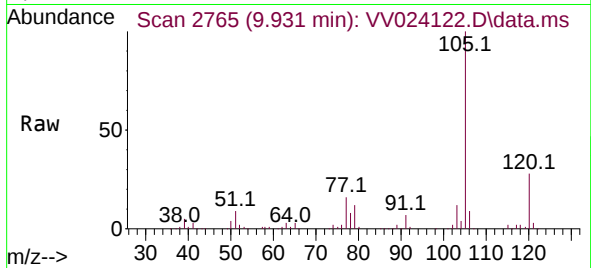




#60
Isopropylbenzene
Concen: 4.859 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

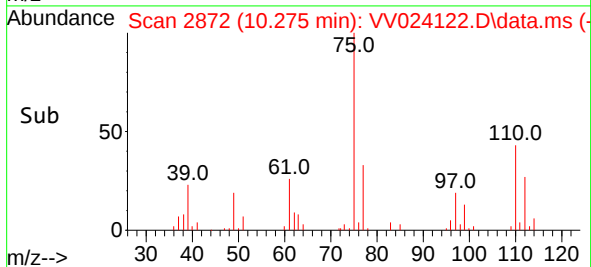
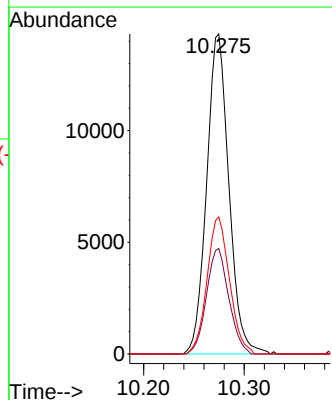
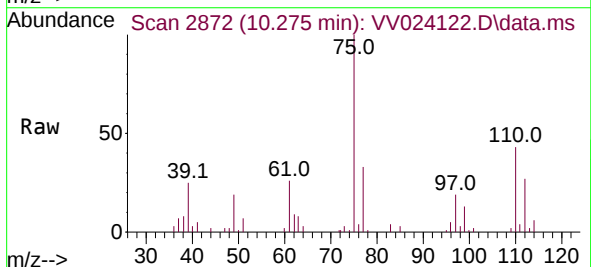
Instrument :
MSVOA_V
ClientSampleId :

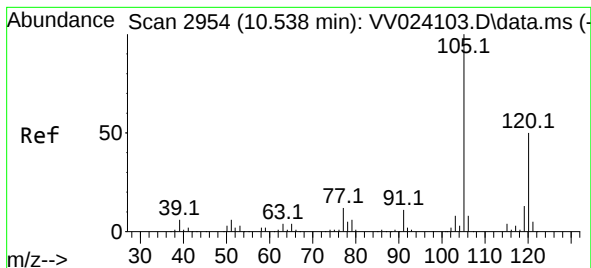
Tgt Ion:105 Resp: 173014
Ion Ratio Lower Upper
105 100
120 27.3 21.4 32.0
77 15.5 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.328 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion: 75 Resp: 22012
Ion Ratio Lower Upper
75 100
77 33.0 26.4 39.6
110 43.3 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 4.672 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

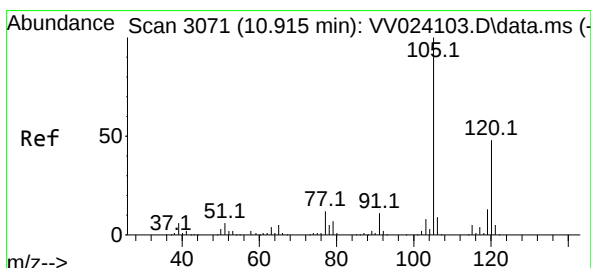
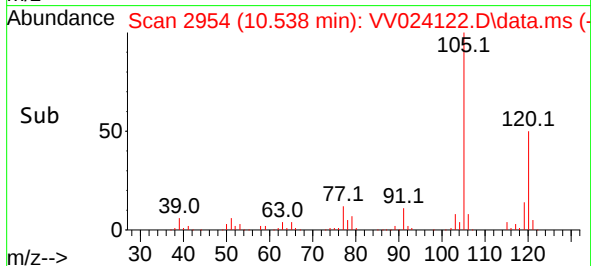
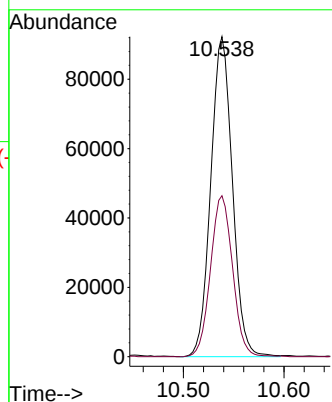
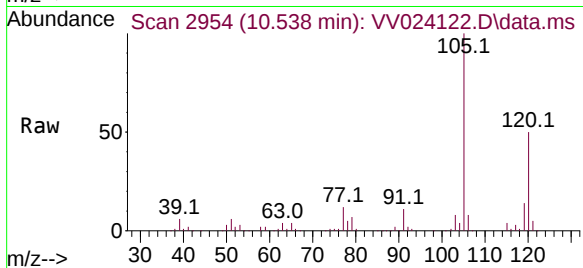
ClientSampleId :

Tgt Ion:105 Resp: 137998

Ion Ratio Lower Upper

105 100

120 51.3 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.879 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. -0.000 min

Lab File: VV024122.D

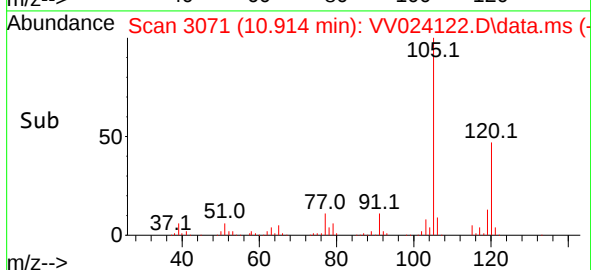
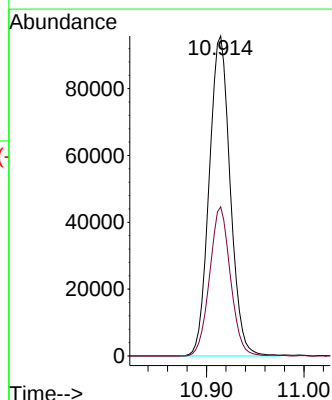
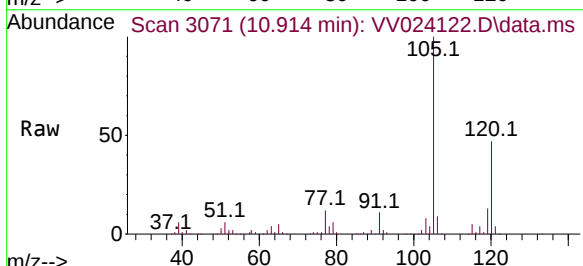
Acq: 20 Dec 2021 04:58

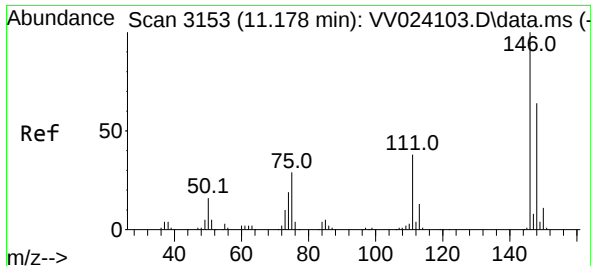
Tgt Ion:105 Resp: 143561

Ion Ratio Lower Upper

105 100

120 46.0 36.7 55.1

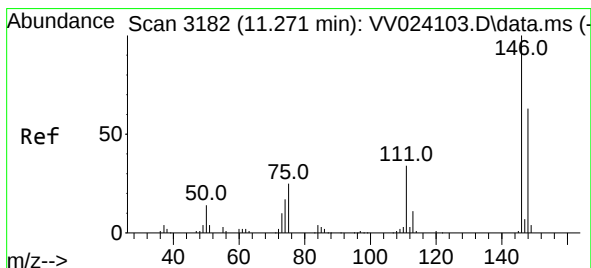
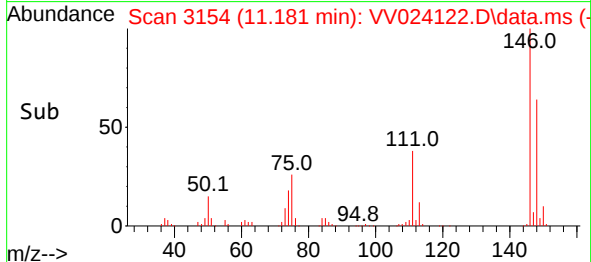
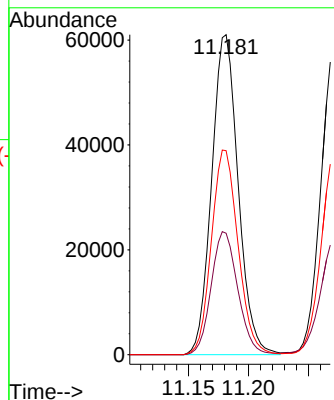
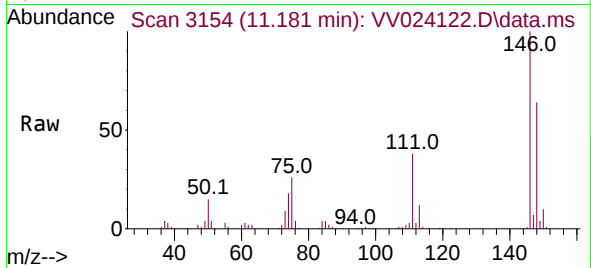




#64
1,3-Dichlorobenzene
Concen: 5.145 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

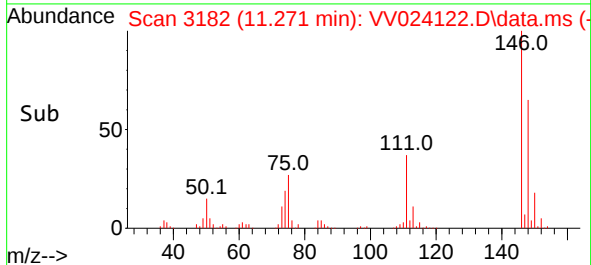
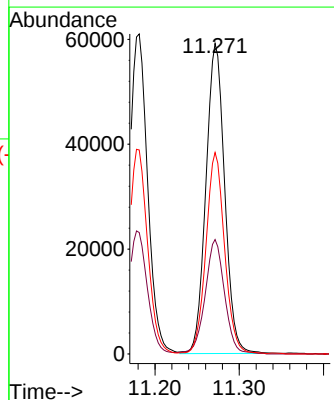
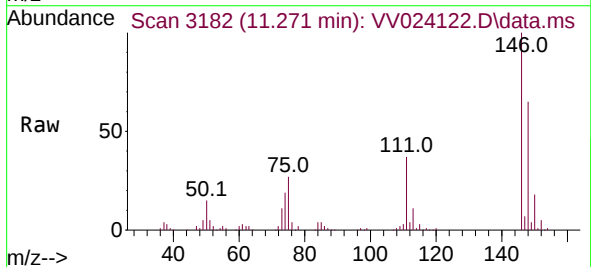
Instrument :
MSVOA_V
ClientSampleId :

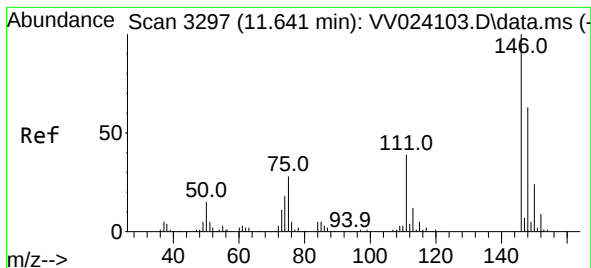
Tgt Ion:146 Resp: 93681
Ion Ratio Lower Upper
146 100
111 38.0 26.3 48.9
148 63.8 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.014 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion:146 Resp: 91706
Ion Ratio Lower Upper
146 100
111 36.8 25.6 47.6
148 64.9 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.141 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

Instrument :

MSVOA_V

ClientSampleId :

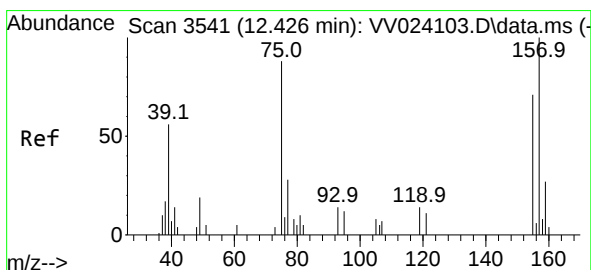
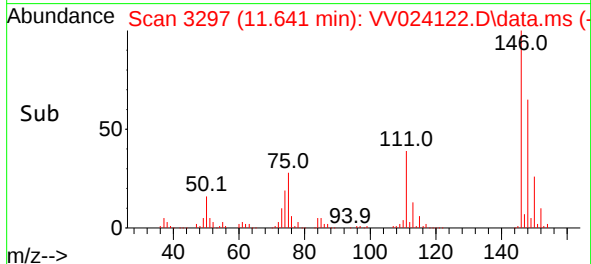
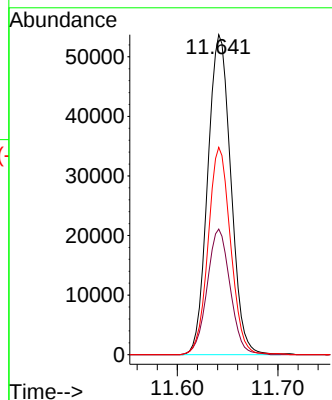
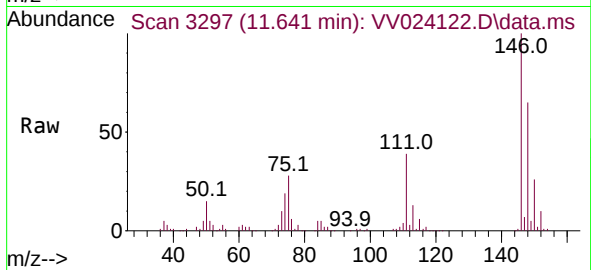
Tgt Ion:146 Resp: 85770

Ion Ratio Lower Upper

146 100

111 39.3 31.9 47.9

148 64.8 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.032 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV024122.D

Acq: 20 Dec 2021 04:58

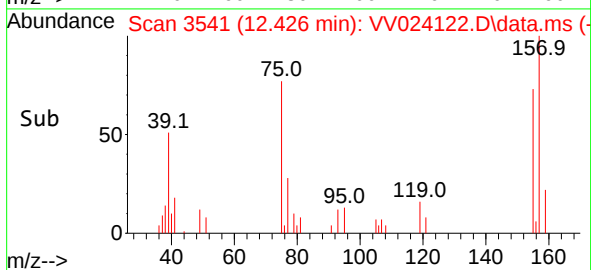
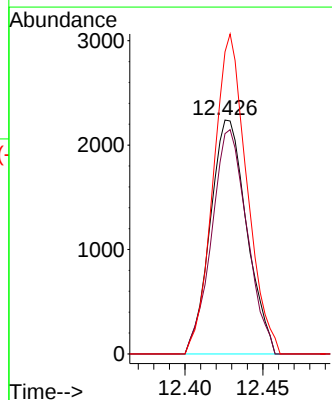
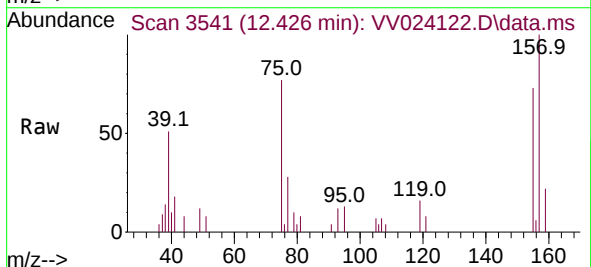
Tgt Ion: 75 Resp: 3638

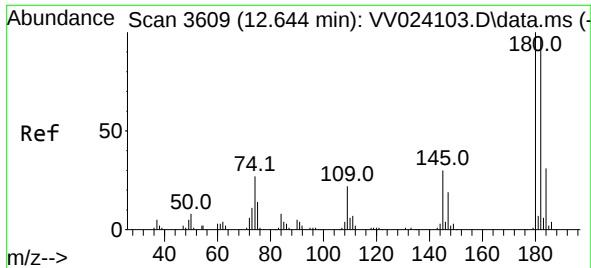
Ion Ratio Lower Upper

75 100

155 94.2 71.7 107.5

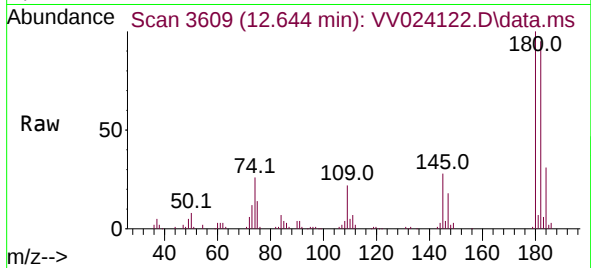
157 129.1 103.3 154.9



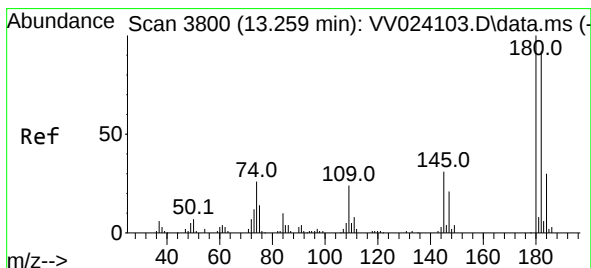
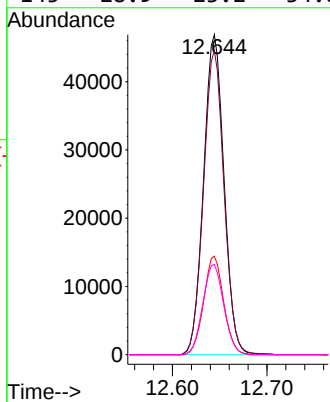
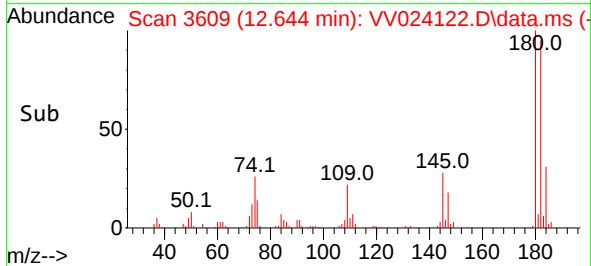


#69
 1,3,5-Trichlorobenzene
 Concen: 4.694 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58

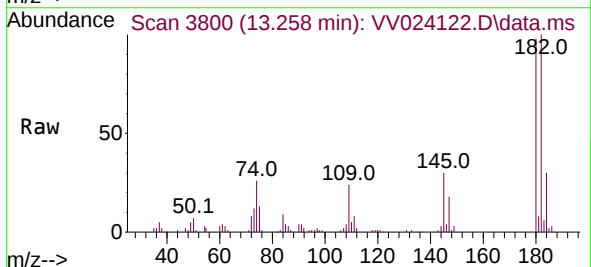
Instrument :
 MSVOA_V
 ClientSampleId :



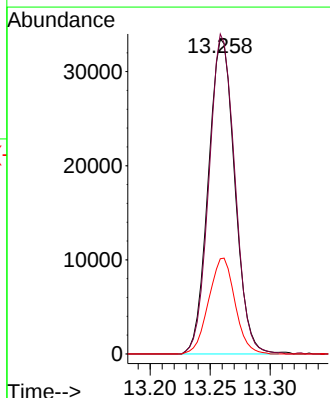
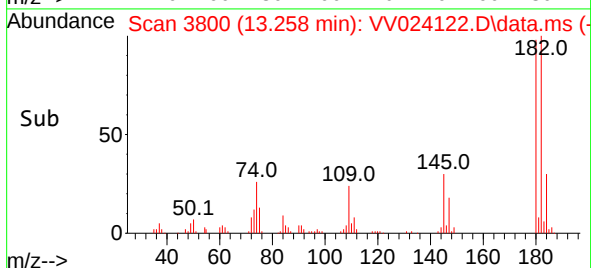
Tgt Ion:180 Resp: 70302
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.4 114.6
 184 30.2 24.2 36.4
 145 28.9 23.2 34.8

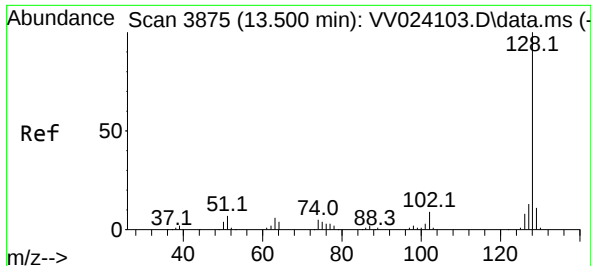


#70
 1,2,4-trichlorobenzene
 Concen: 4.366 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV024122.D
 Acq: 20 Dec 2021 04:58



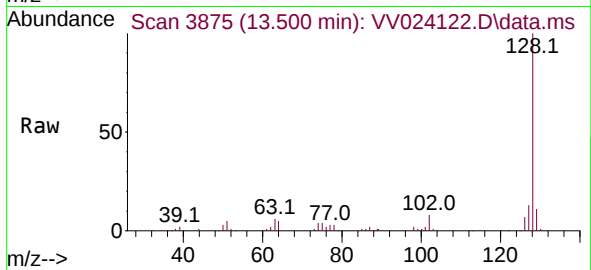
Tgt Ion:180 Resp: 51355
 Ion Ratio Lower Upper
 180 100
 182 99.2 74.4 111.6
 145 30.3 23.3 34.9



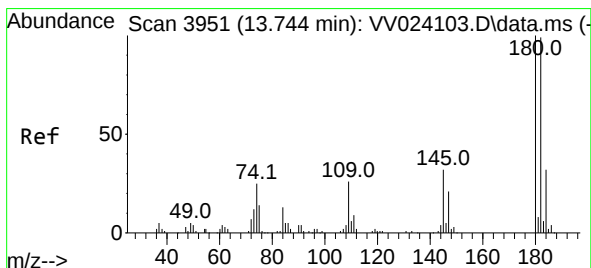
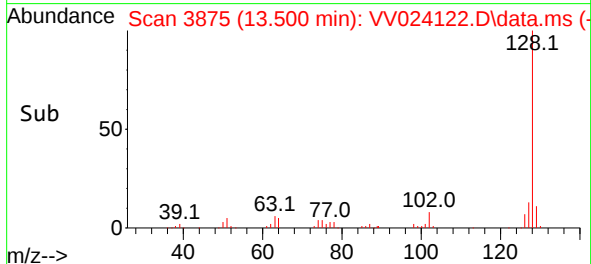
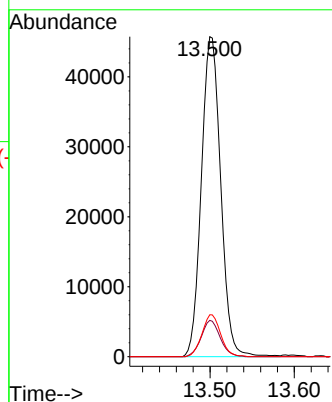


#71
Naphthalene
Concen: 4.324 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 73099
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.612 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024122.D
Acq: 20 Dec 2021 04:58

Tgt Ion:180 Resp: 47893
Ion Ratio Lower Upper
180 100
182 92.4 76.8 115.2
145 31.3 25.8 38.6

