

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023832.D
 Acq On : 07 Dec 2021 18:55
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:17:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148656	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	137607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76228	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	54138	4.436	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	40715	4.244	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.111	63	91108	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.918	46	47175	32.157	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.320%
24) Chloroform-d	4.352	84	102030	4.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.037	65	47193	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.050	84	194698	5.194	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.072	67	55842	5.314	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.317	98	183123	5.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
43) trans-1,3-Dichloroprop...	7.625	79	22580	5.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.091	63	98430	69.938	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	139.880%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40902	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	69920	5.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	63510	4.503	ug/L	99
3) Chloromethane	1.240	50	52538	4.285	ug/L	99
5) Vinyl chloride	1.310	62	55897	4.341	ug/L	97
6) Bromomethane	1.523	94	28008	3.836	ug/L	96
8) Chloroethane	1.587	64	35460	4.346	ug/L	97
9) Trichlorofluoromethane	1.754	101	92429	4.405	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	48575	4.620	ug/L	98
12) 1,1-Dichloroethene	2.121	96	45224	4.541	ug/L	98
13) Acetone	2.211	43	35581	26.953	ug/L	97
14) Carbon disulfide	2.294	76	139564	4.169	ug/L	100
15) Methyl Acetate	2.442	43	17304	5.775	ug/L	95
16) Methylene chloride	2.510	84	54148	3.810	ug/L	93
17) Methyl tert-butyl Ether	2.770	73	115576	5.662	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	53215	4.691	ug/L	96
19) 1,1-Dichloroethane	3.191	63	93951	4.925	ug/L	99
21) 2-Butanone	3.998	43	92329	55.259	ug/L	96
22) cis-1,2-Dichloroethene	3.915	96	57424	5.278	ug/L	100
23) Bromochloromethane	4.252	128	25138	4.923	ug/L	98
25) Chloroform	4.378	83	100873	4.747	ug/L	99

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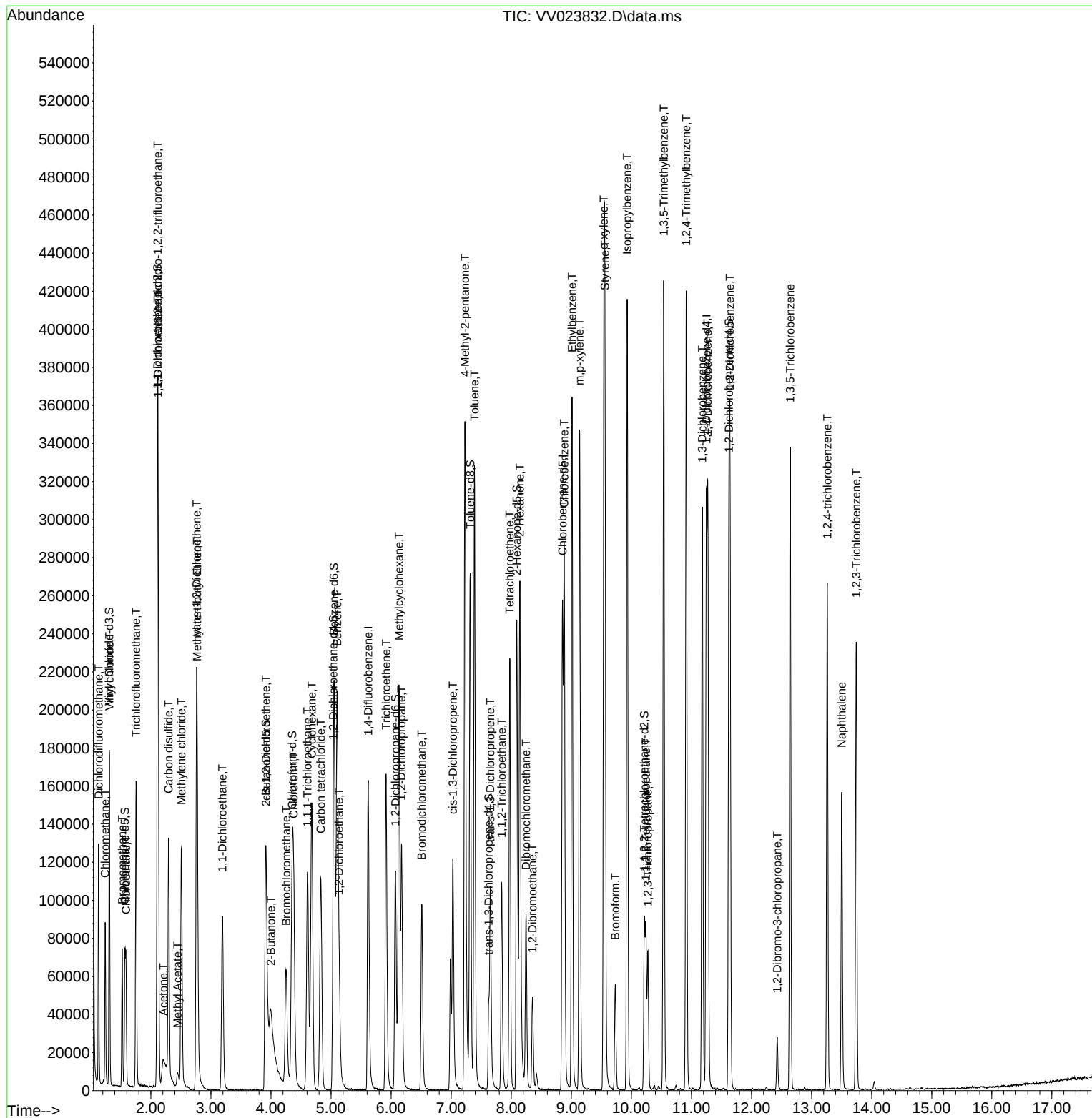
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	56851	5.032	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	95159	5.292	ug/L	99
30) Cyclohexane	4.680	56	83259	5.548	ug/L	99
31) Carbon tetrachloride	4.828	117	85400	5.184	ug/L	100
33) Benzene	5.101	78	213036	5.430	ug/L	100
34) Trichloroethene	5.915	95	57819	5.502	ug/L	97
35) Methylcyclohexane	6.130	83	91861	5.607	ug/L	98
37) 1,2-Dichloropropane	6.172	63	49217	5.278	ug/L	99
38) Bromodichloromethane	6.510	83	67908	5.366	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	72653	5.475	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	260678	58.559	ug/L	98
42) Toluene	7.387	91	235103	5.526	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	61772	5.538	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	35083	5.433	ug/L	98
47) Tetrachloroethene	7.976	164	51493	5.383	ug/L	99
48) 2-Hexanone	8.143	43	185582	56.405	ug/L	98
49) Dibromochloromethane	8.246	129	46253	5.227	ug/L	98
50) 1,2-Dibromoethane	8.352	107	32887	5.223	ug/L	91
51) Chlorobenzene	8.882	112	154080	5.463	ug/L	98
52) Ethylbenzene	9.011	91	257011	5.779	ug/L	100
53) m,p-xylene	9.136	106	98547	5.568	ug/L	98
54) o-xylene	9.542	106	96011	5.704	ug/L	97
55) Styrene	9.561	104	161485	5.694	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	38921	5.418	ug/L	98
59) Bromoform	9.731	173	25525	5.070	ug/L	100
60) Isopropylbenzene	9.931	105	267350	5.874	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	27939	5.168	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	221482	5.848	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	227616	6.077	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	128679	5.529	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	126233	5.397	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	115280	5.413	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6256	5.827	ug/L	94
69) 1,3,5-Trichlorobenzene	12.644	180	104695	5.763	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	80679	5.723	ug/L	96
71) Naphthalene	13.503	128	123552	6.512	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	72554	5.939	ug/L	98

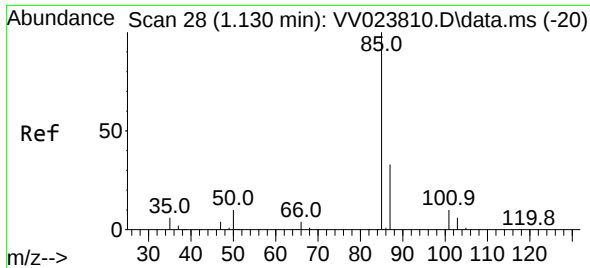
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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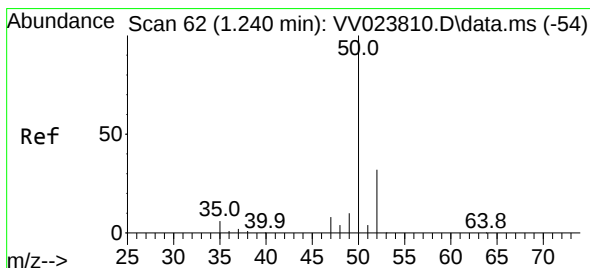
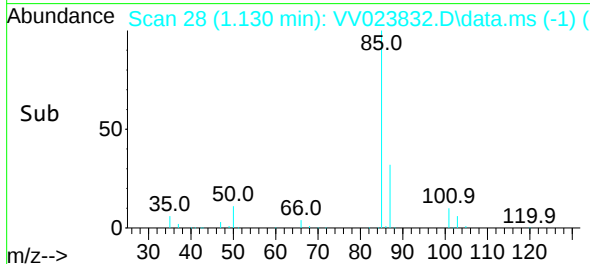
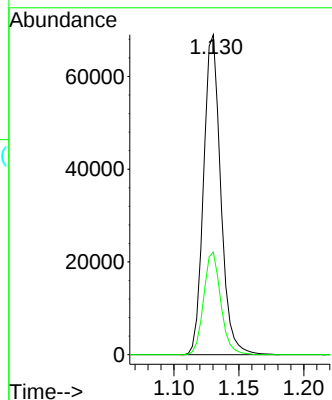
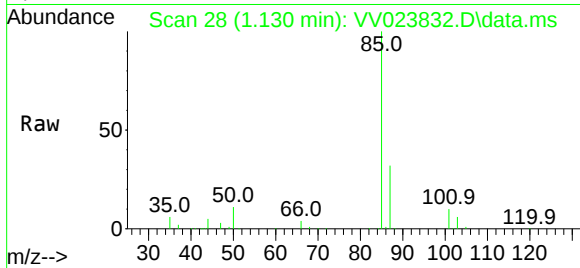




#2
 Dichlorodifluoromethane
 Concen: 4.503 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

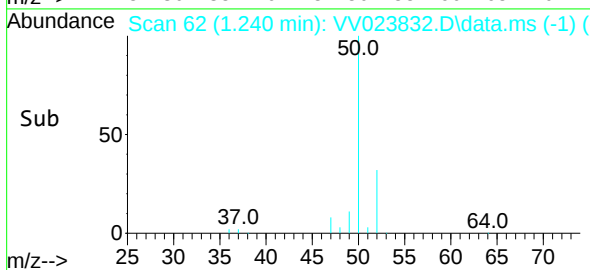
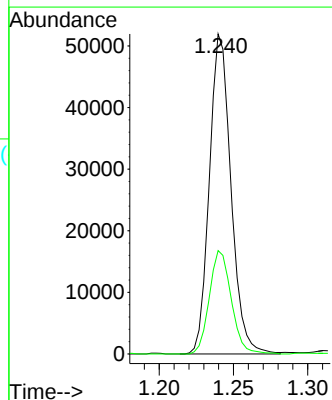
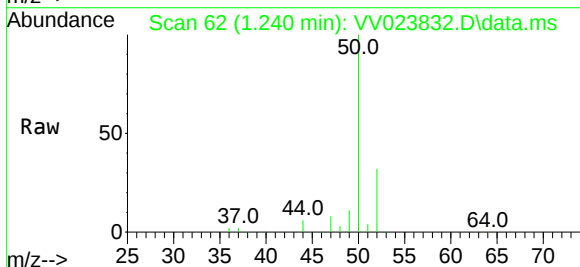
Instrument :
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 ClientSampleId :

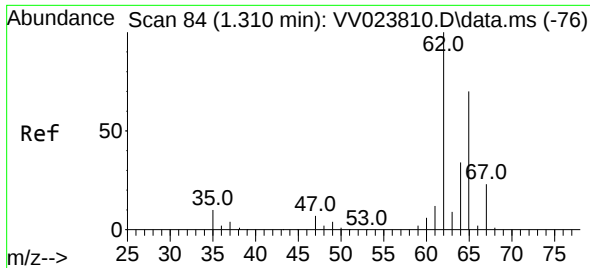
Tgt Ion: 85 Resp: 63510
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.0 39.0



#3
 Chloromethane
 Concen: 4.285 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

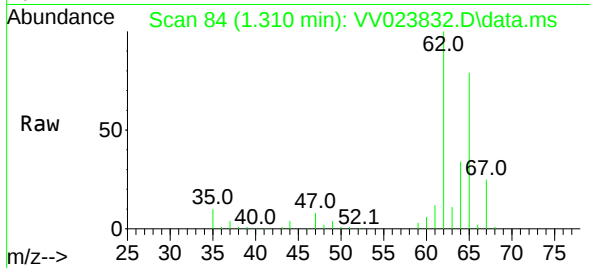
Tgt Ion: 50 Resp: 52538
 Ion Ratio Lower Upper
 50 100
 52 32.3 22.0 41.0



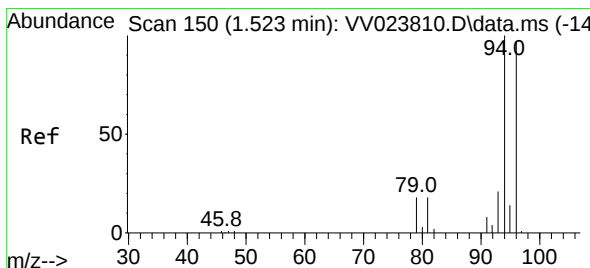
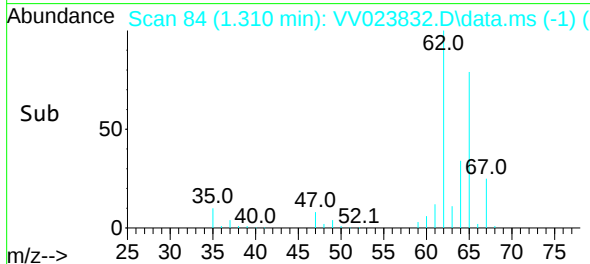
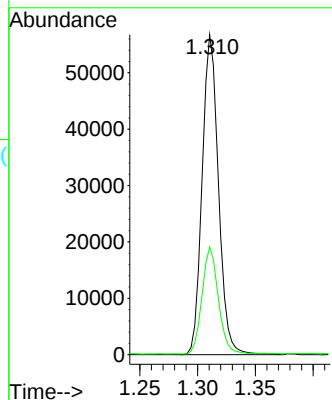


#5
 Vinyl chloride
 Concen: 4.341 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

Instrument :
 MSVOA_V
 ClientSampleId :

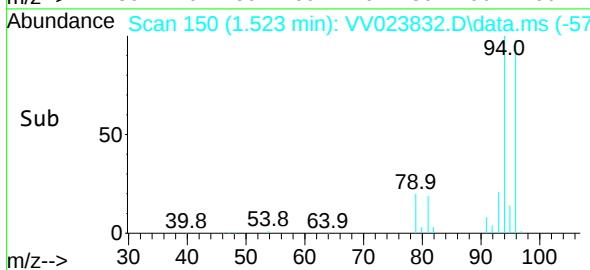
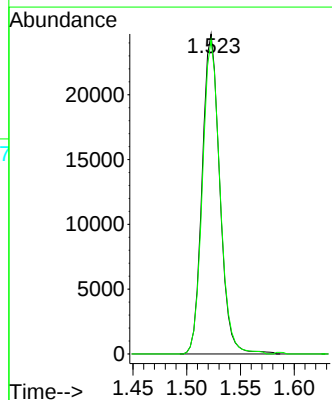
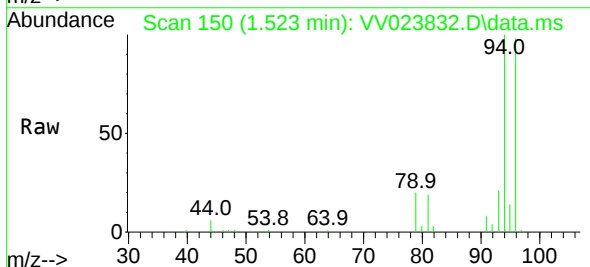


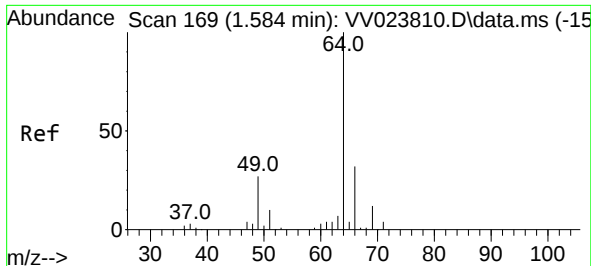
Tgt Ion: 62 Resp: 55897
 Ion Ratio Lower Upper
 62 100
 64 33.6 22.4 41.6



#6
 Bromomethane
 Concen: 3.836 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

Tgt Ion: 94 Resp: 28008
 Ion Ratio Lower Upper
 94 100
 96 98.1 66.2 123.0

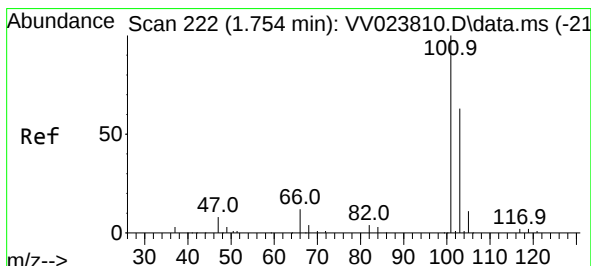
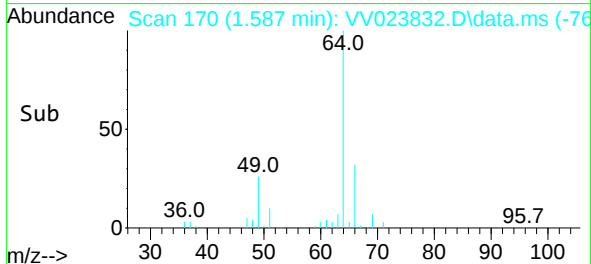
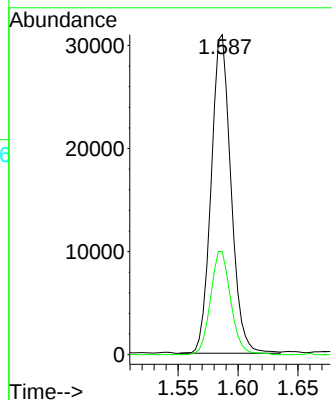
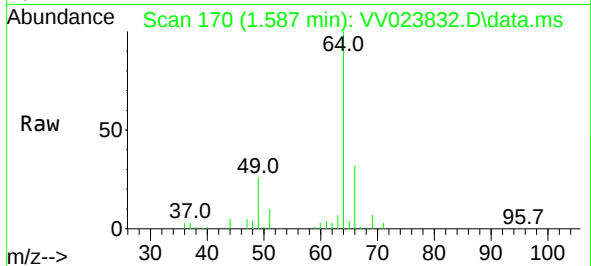




#8
Chloroethane
Concen: 4.346 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

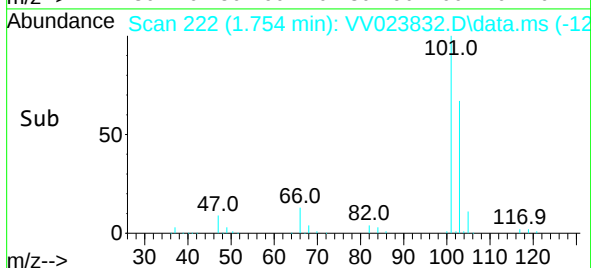
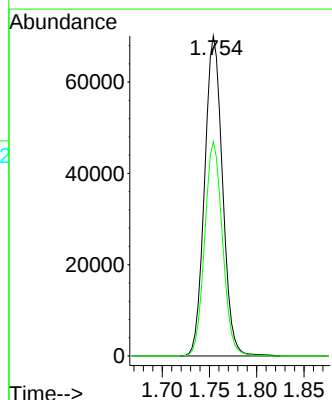
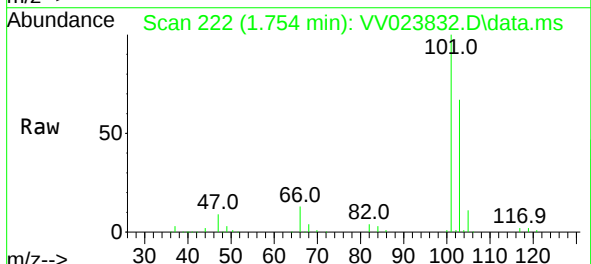
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ClientSampleId :

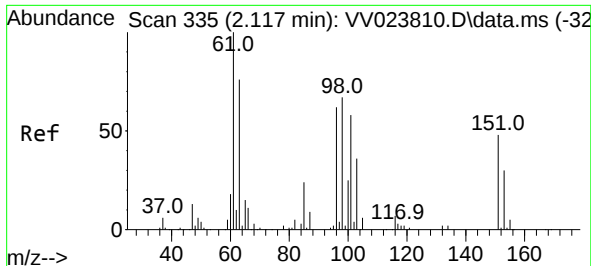
Tgt Ion: 64 Resp: 35460
Ion Ratio Lower Upper
64 100
66 32.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 4.405 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion:101 Resp: 92429
Ion Ratio Lower Upper
101 100
103 66.5 51.6 77.4





#10

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

Concen: 4.620 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

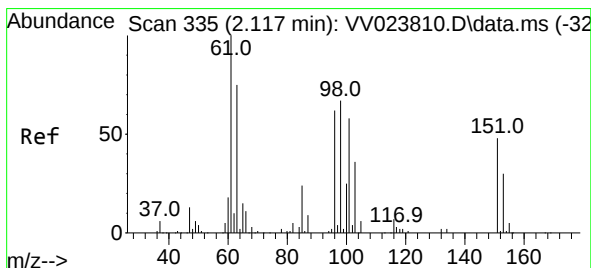
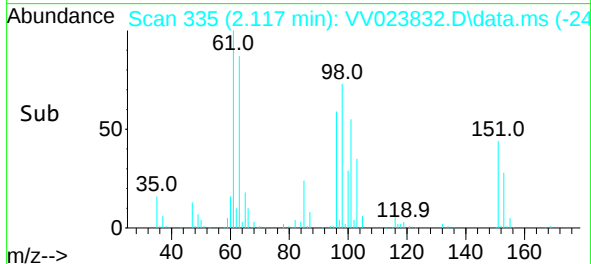
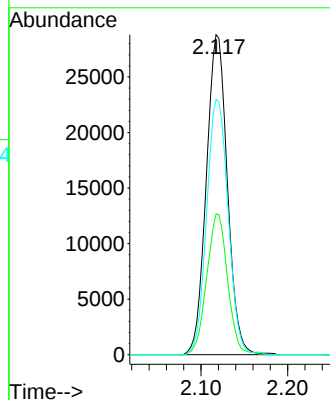
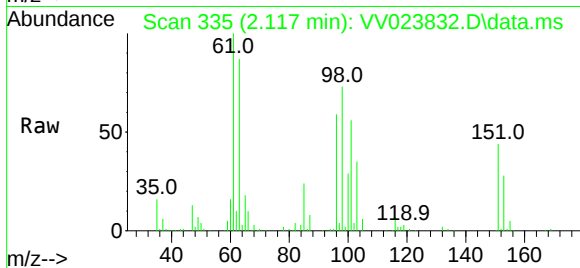
Tgt Ion:101 Resp: 48575

Ion Ratio Lower Upper

101 100

85 43.5 36.0 54.0

151 81.4 66.4 99.6



#12

1,1-Dichloroethene

Concen: 4.541 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV023832.D

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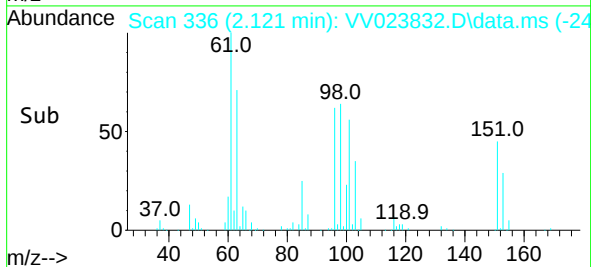
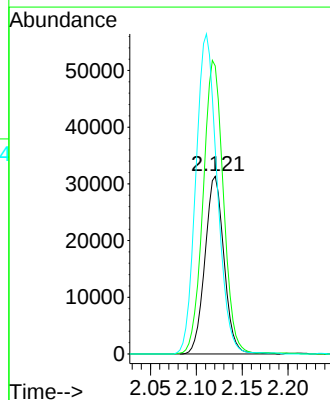
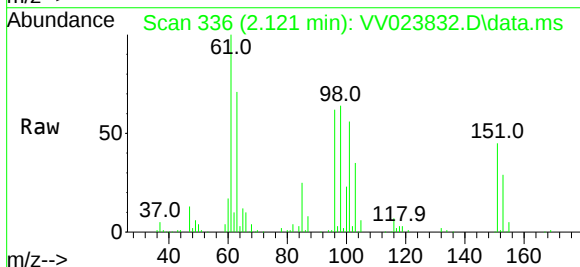
Tgt Ion: 96 Resp: 45224

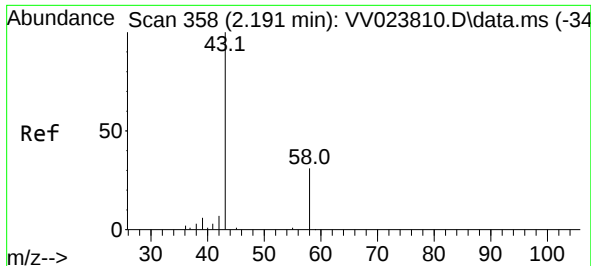
Ion Ratio Lower Upper

96 100

61 162.2 116.1 215.5

63 115.3 79.4 147.4

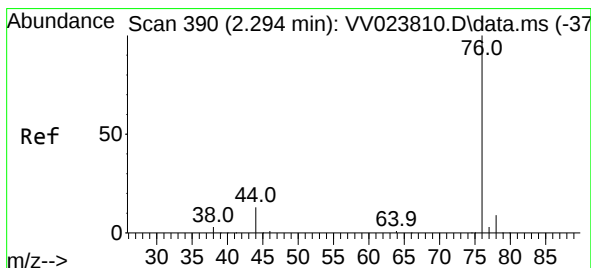
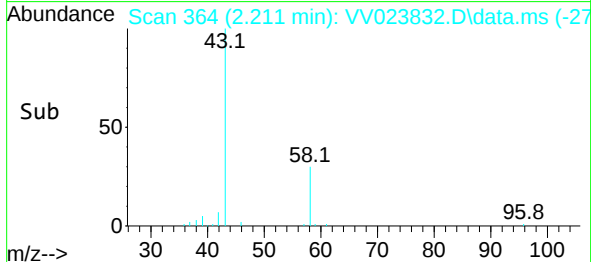
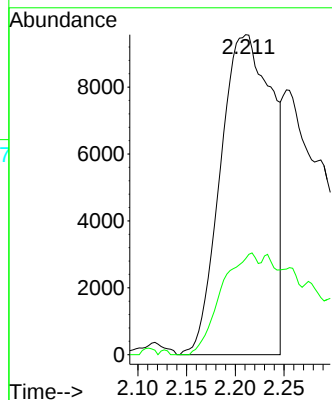
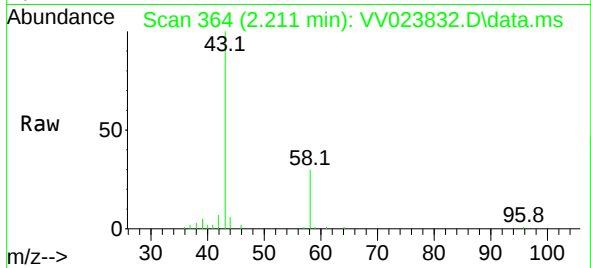




#13
Acetone
Concen: 26.953 ug/L
RT: 2.211 min Scan# 30
Delta R.T. -0.013 min
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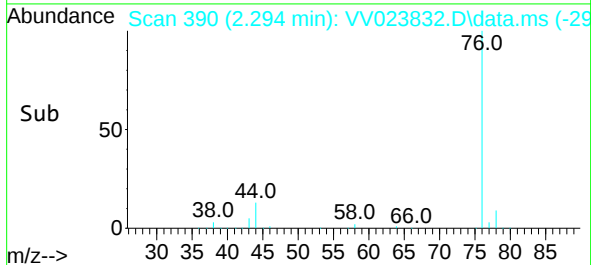
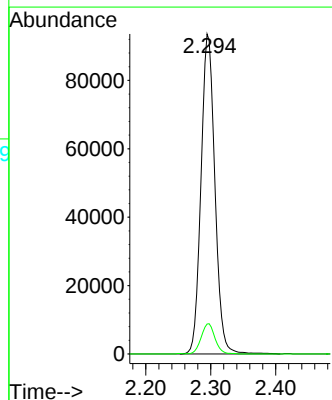
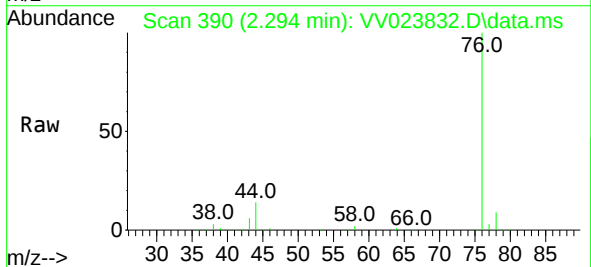
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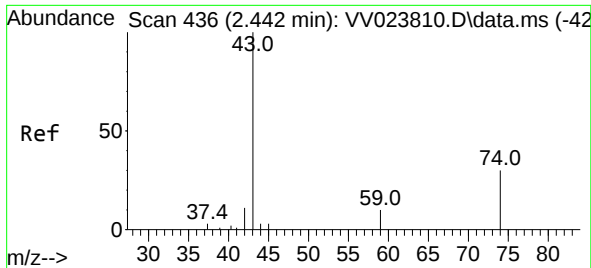
Tgt Ion: 43 Resp: 35581
Ion Ratio Lower Upper
43 100
58 22.0 0.0 41.4



#14
Carbon disulfide
Concen: 4.169 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.000 min
Lab File: VV023832.D
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Tgt Ion: 76 Resp: 139564
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

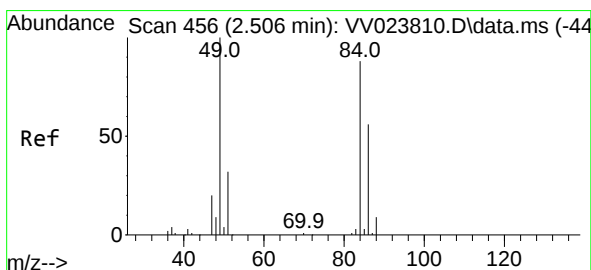
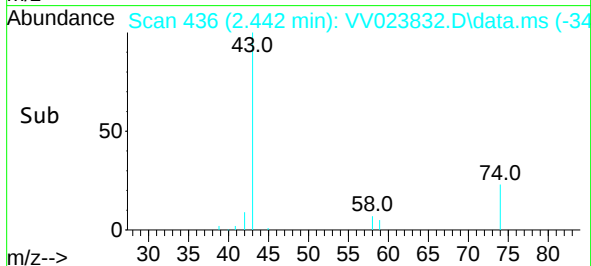
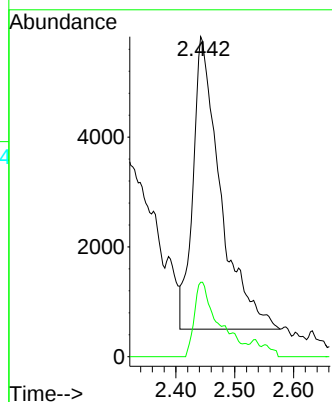
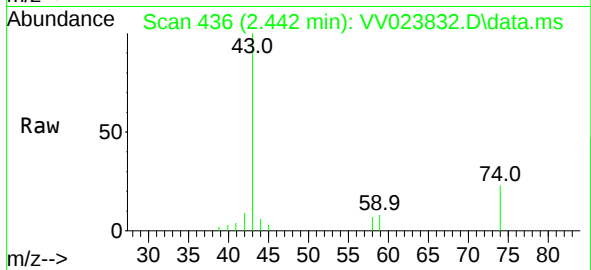




#15
Methyl Acetate
Concen: 5.775 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

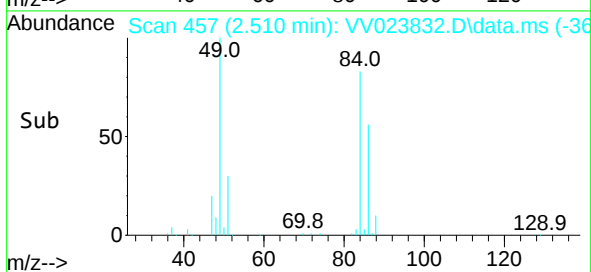
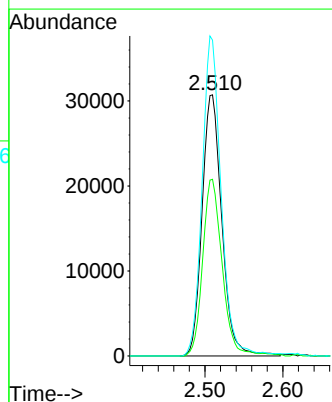
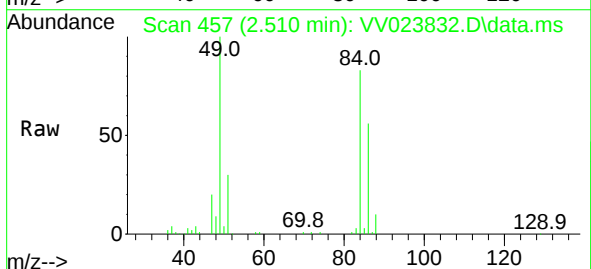
Instrument :
MSVOA_V
ClientSampleId :

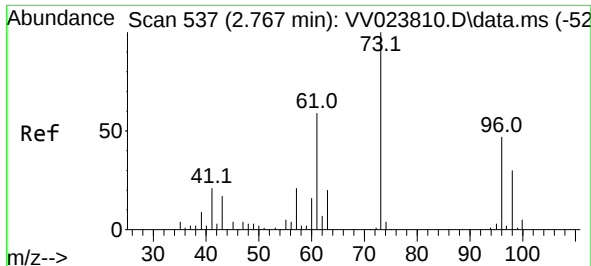
Tgt Ion: 43 Resp: 17304
Ion Ratio Lower Upper
43 100
74 22.9 20.2 30.2



#16
Methylene chloride
Concen: 3.810 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion: 84 Resp: 54148
Ion Ratio Lower Upper
84 100
86 67.7 42.6 79.0
49 121.0 79.7 147.9

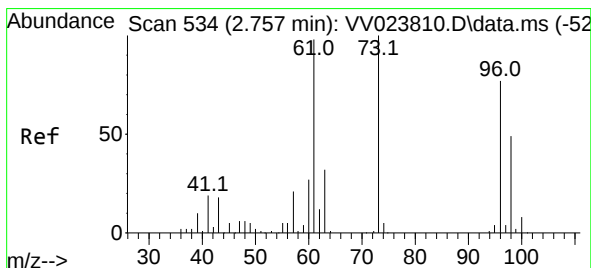
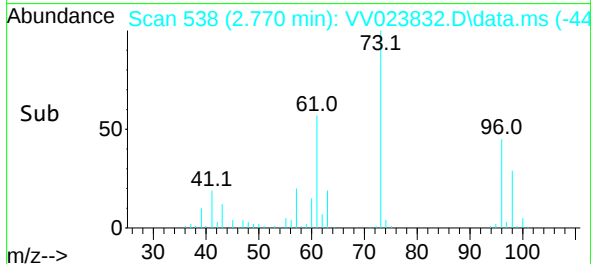
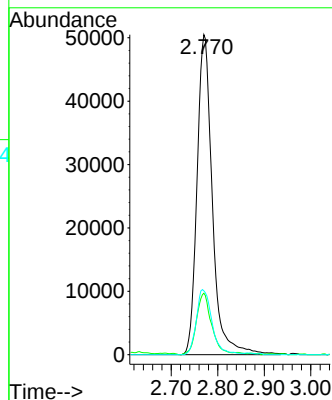
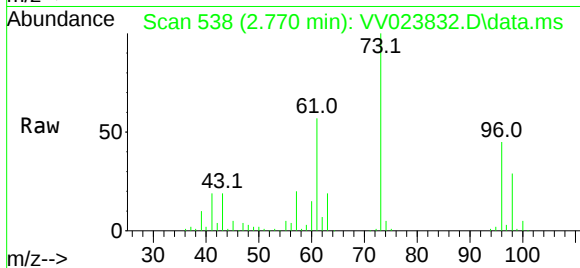




#17
Methyl tert-butyl Ether
Concen: 5.662 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

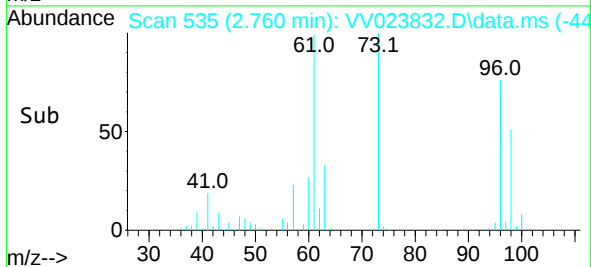
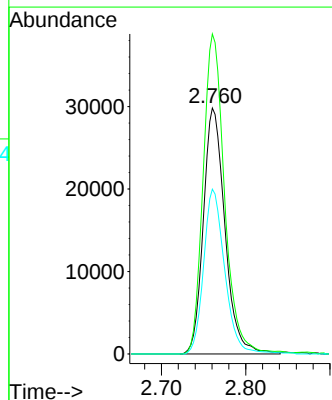
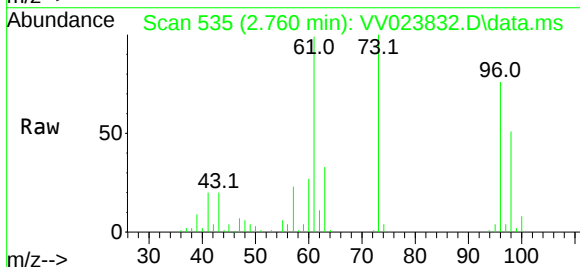
Instrument :
MSVOA_V
ClientSampleId :

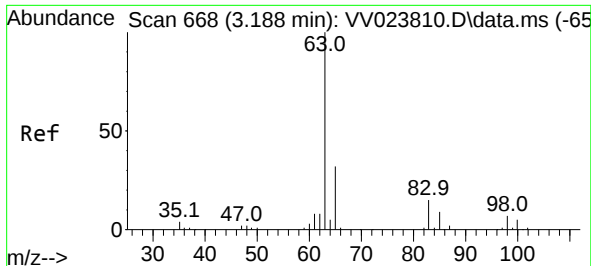
Tgt Ion: 73 Resp: 115576
Ion Ratio Lower Upper
73 100
43 18.8 15.5 23.3
57 20.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.691 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion: 96 Resp: 53215
Ion Ratio Lower Upper
96 100
61 130.1 88.2 163.8
98 67.0 44.9 83.5





#19

1,1-Dichloroethane

Concen: 4.925 ug/L

RT: 3.191 min Scan# 60

Delta R.T. 0.006 min

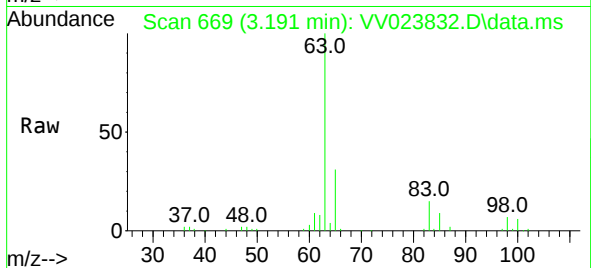
Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :



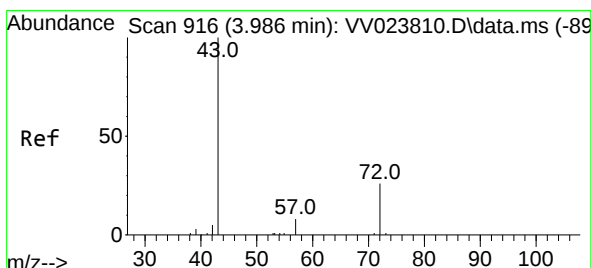
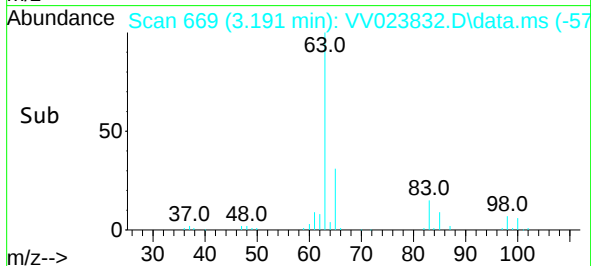
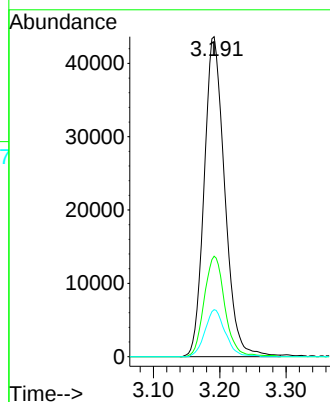
Tgt Ion: 63 Resp: 93951

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.3

83 14.7 10.7 19.9



#21

2-Butanone

Concen: 55.259 ug/L

RT: 3.998 min Scan# 920

Delta R.T. -0.003 min

Lab File: VV023832.D

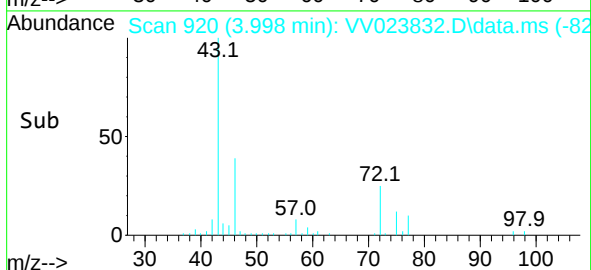
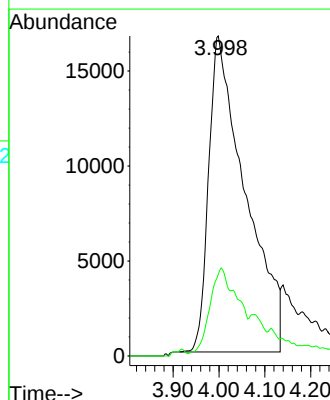
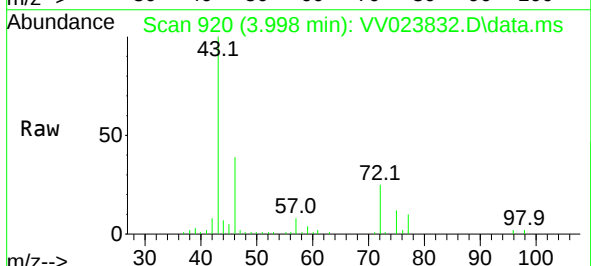
Acq: 07 Dec 2021 18:55

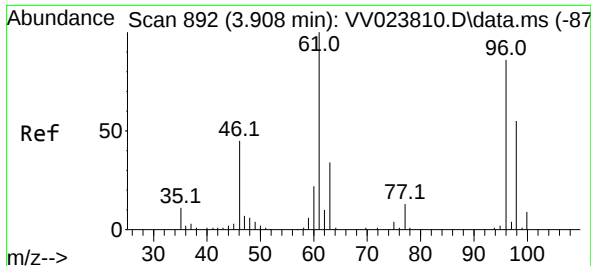
Tgt Ion: 43 Resp: 92329

Ion Ratio Lower Upper

43 100

72 20.3 11.1 33.1





#22

cis-1,2-Dichloroethene

Concen: 5.278 ug/L

RT: 3.915 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

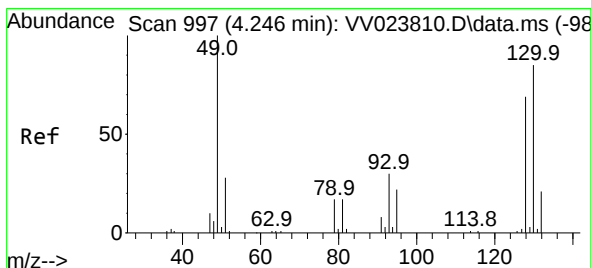
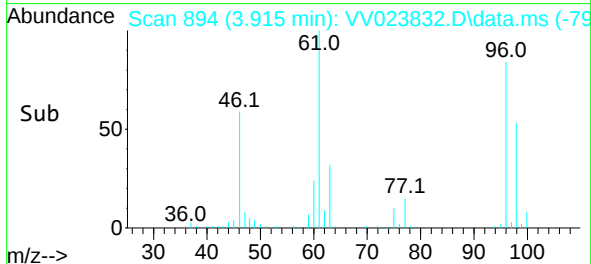
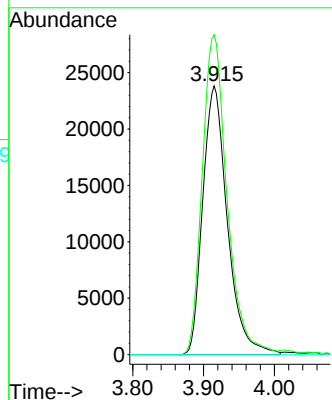
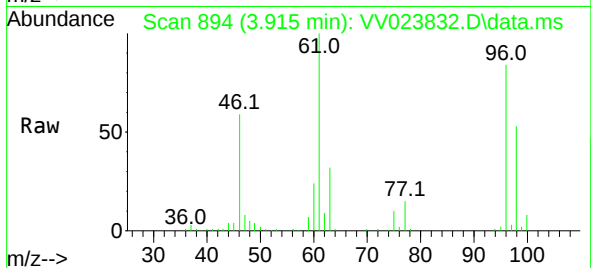
Tgt Ion: 96 Resp: 57424

Ion Ratio Lower Upper

96 100

61 119.1 83.4 154.8

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.923 ug/L

RT: 4.252 min Scan# 999

Delta R.T. 0.006 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Tgt Ion:128 Resp: 25138

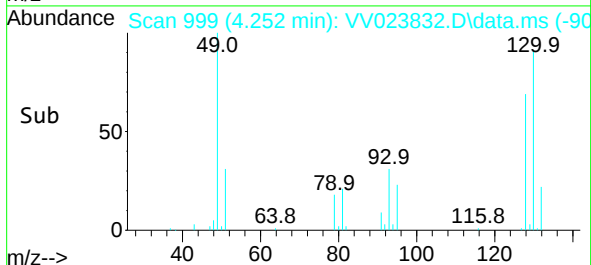
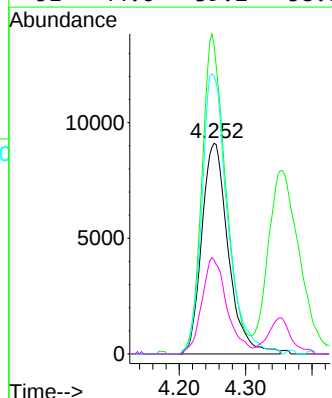
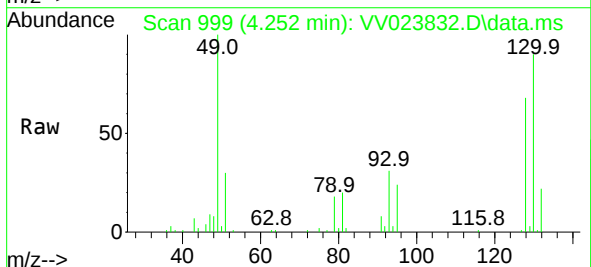
Ion Ratio Lower Upper

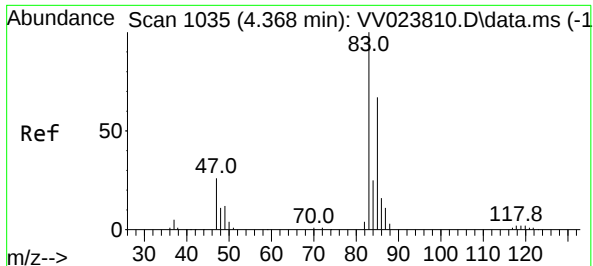
128 100

49 146.5 100.2 186.2

130 131.8 92.5 171.7

51 44.6 39.2 58.8





#25

Chloroform

Concen: 4.747 ug/L

RT: 4.378 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

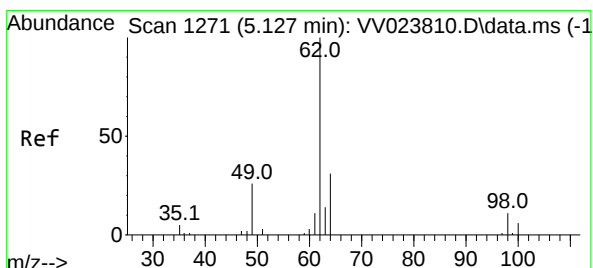
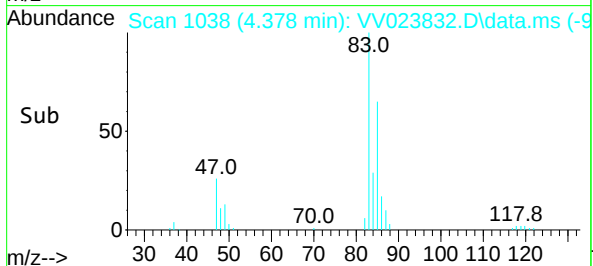
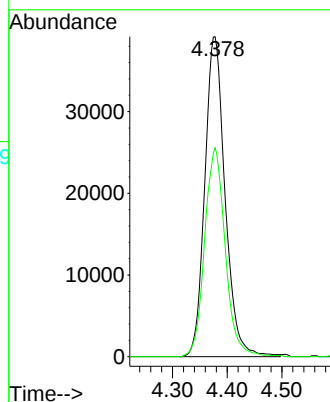
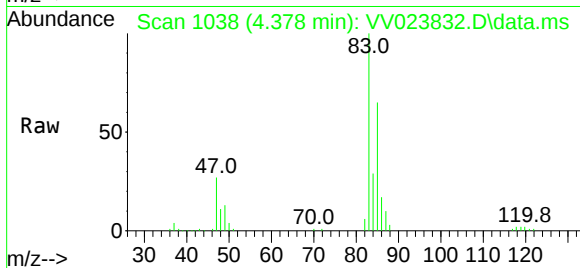
ClientSampleId :

Tgt Ion: 83 Resp: 100873

Ion Ratio Lower Upper

83 100

85 65.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.032 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.006 min

Lab File: VV023832.D

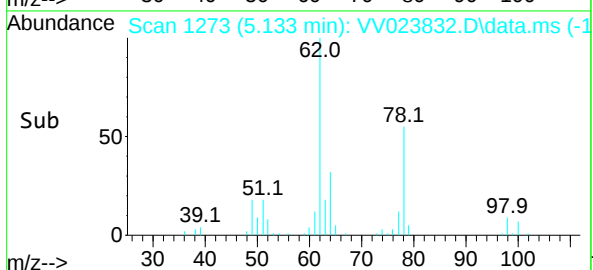
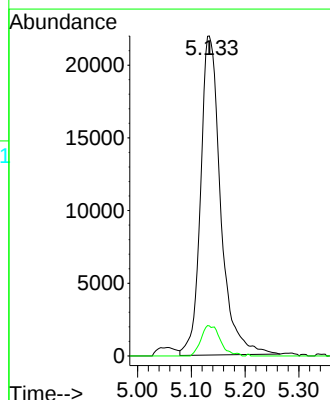
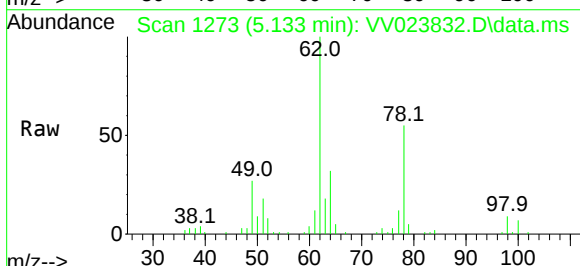
Acq: 07 Dec 2021 18:55

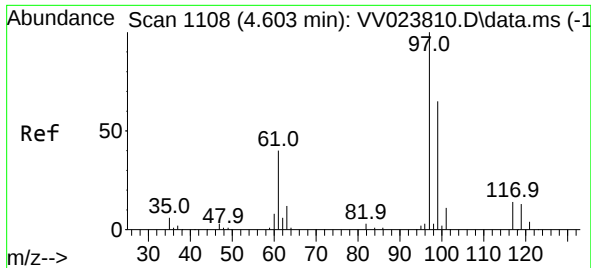
Tgt Ion: 62 Resp: 56851

Ion Ratio Lower Upper

62 100

98 9.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.292 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV023832.D

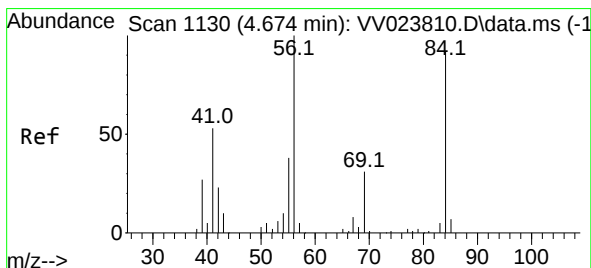
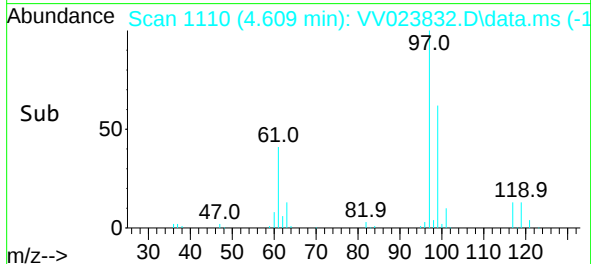
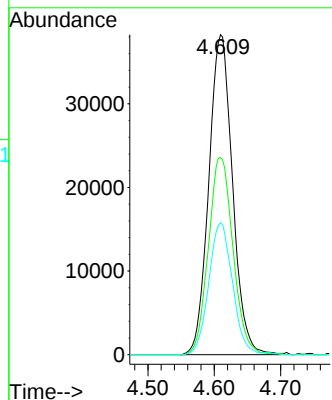
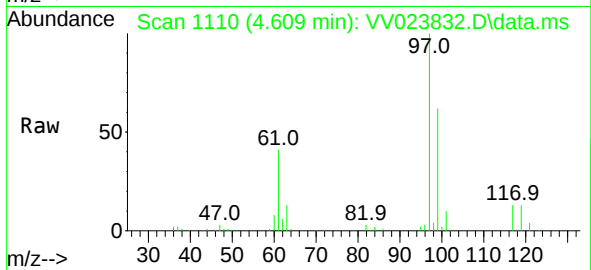
Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	95159
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.9	77.9
61	41.2	33.2	49.8



#30

Cyclohexane

Concen: 5.548 ug/L

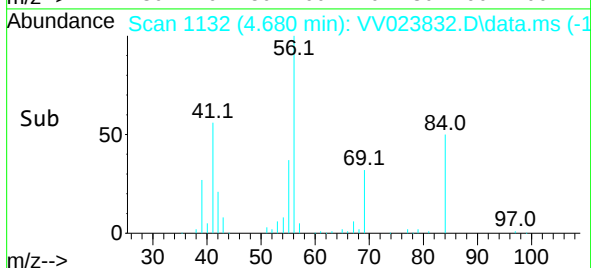
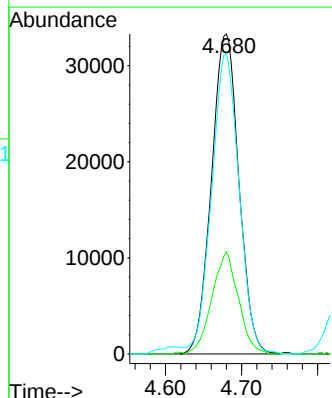
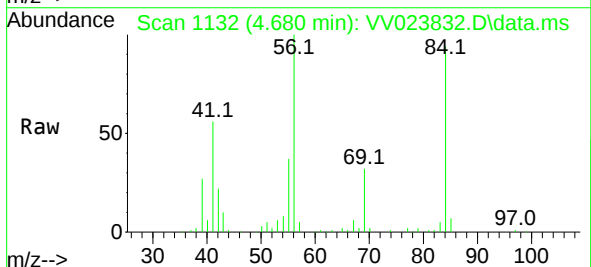
RT: 4.680 min Scan# 1132

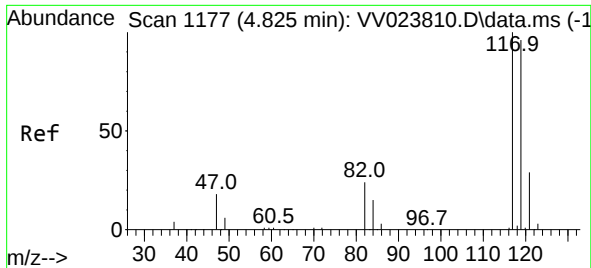
Delta R.T. 0.006 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Tgt Ion:	56	Resp:	83259
Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.8	37.2
84	94.1	75.9	113.9

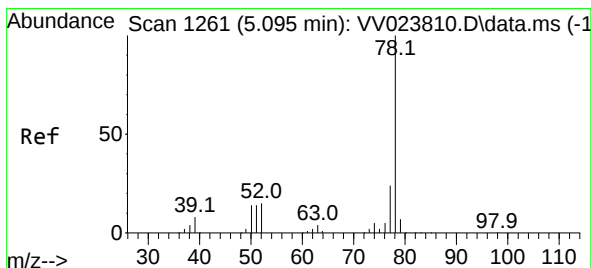
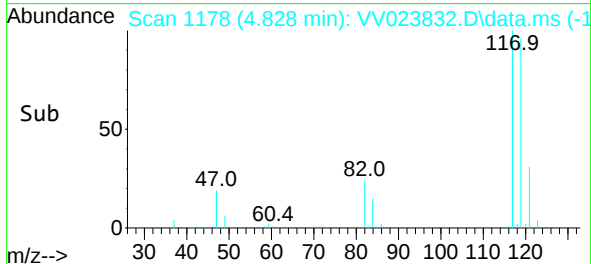
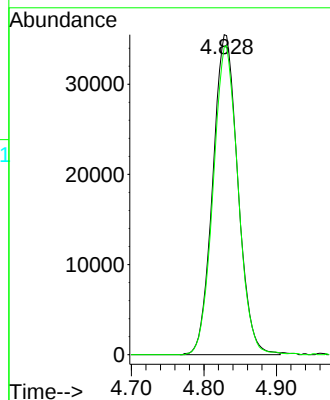
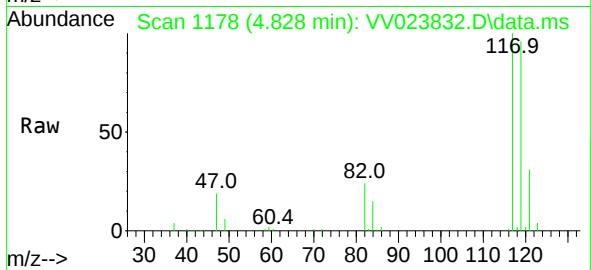




#31
Carbon tetrachloride
Concen: 5.184 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

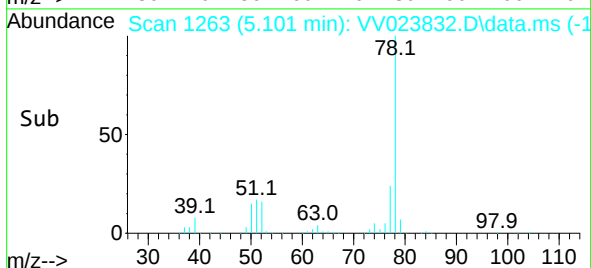
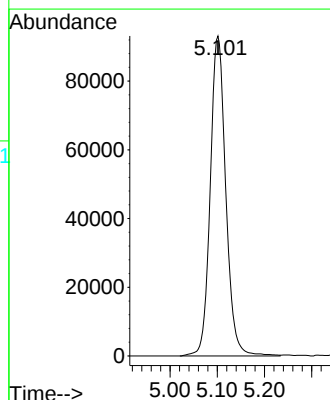
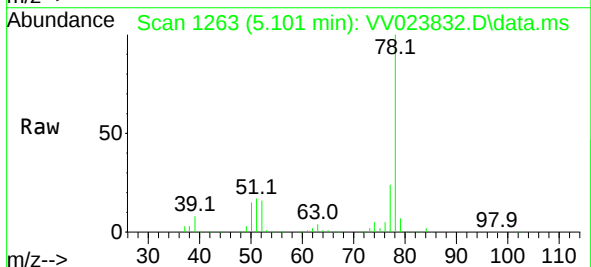
Instrument :
MSVOA_V
ClientSampleId :

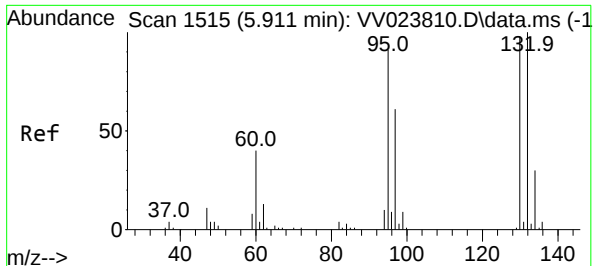
Tgt Ion:117 Resp: 85400
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8



#33
Benzene
Concen: 5.430 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

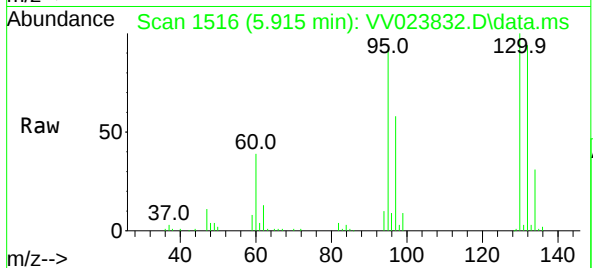
Tgt Ion: 78 Resp: 213036



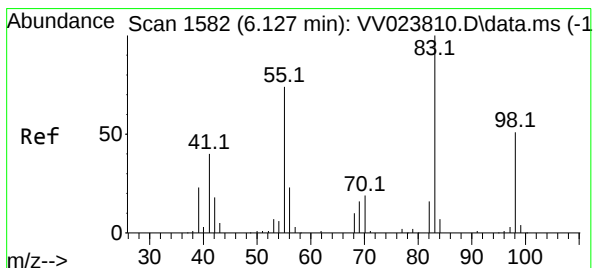
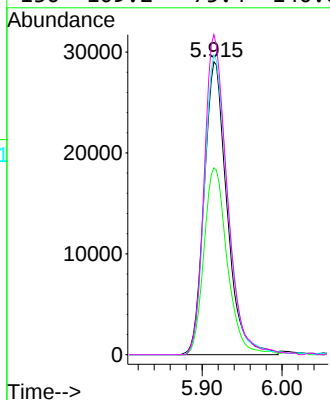
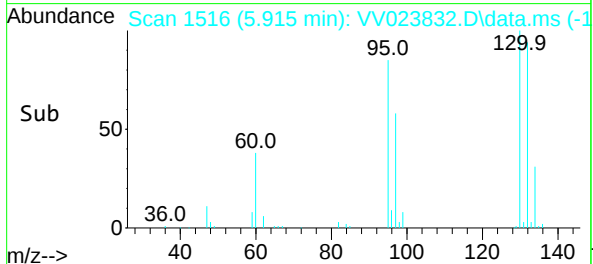


#34
Trichloroethene
Concen: 5.502 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

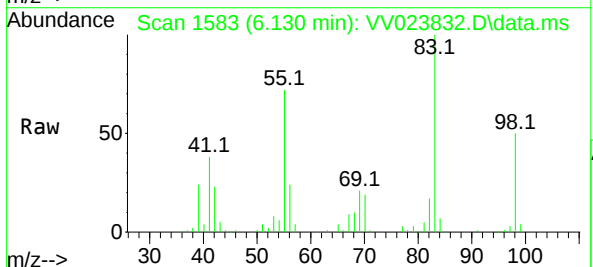
Instrument :
MSVOA_V
ClientSampleId :



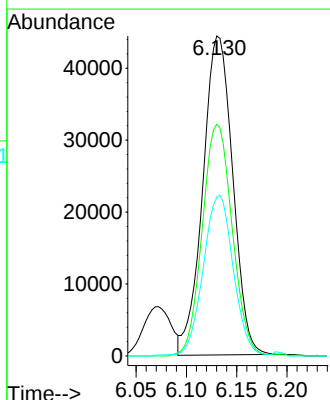
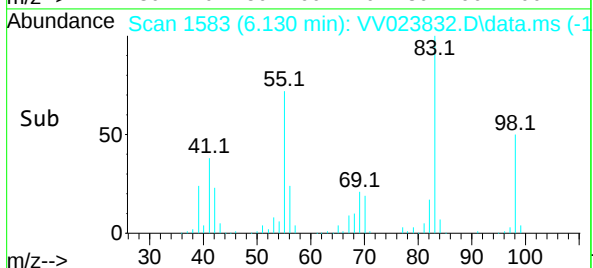
Tgt Ion: 95 Resp: 57819
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 102.3 76.1 141.3
130 109.2 75.4 140.0

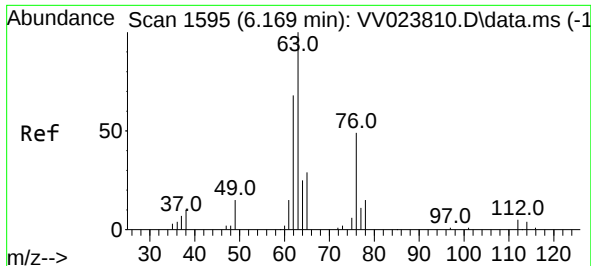


#35
Methylcyclohexane
Concen: 5.607 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55



Tgt Ion: 83 Resp: 91861
Ion Ratio Lower Upper
83 100
55 72.8 60.2 90.2
98 50.6 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.278 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

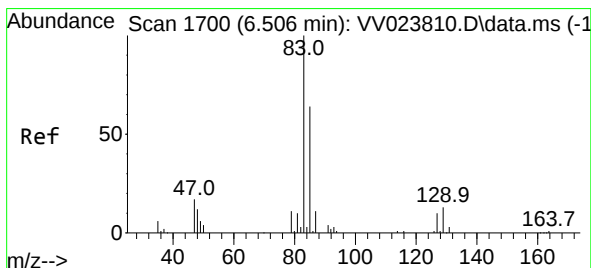
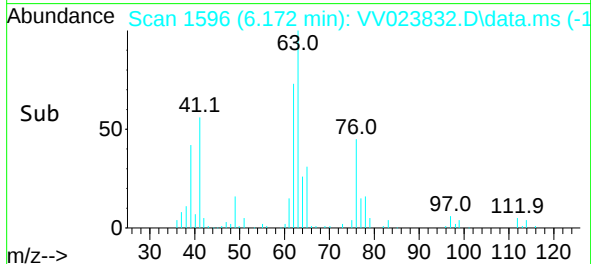
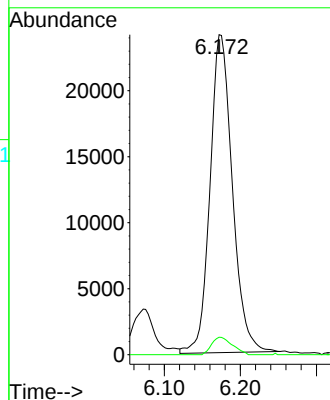
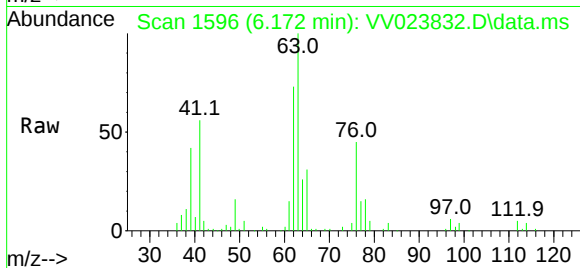
ClientSampleId :

Tgt Ion: 63 Resp: 49217

Ion Ratio Lower Upper

63 100

112 5.1 4.3 6.5



#38

Bromodichloromethane

Concen: 5.366 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

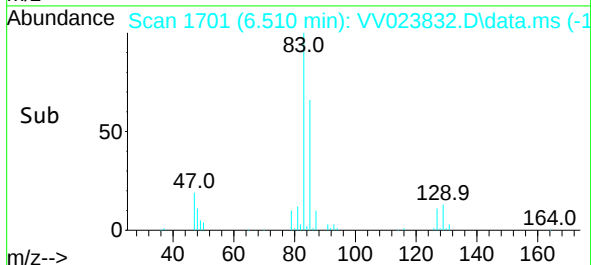
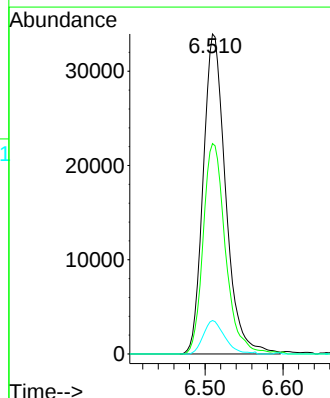
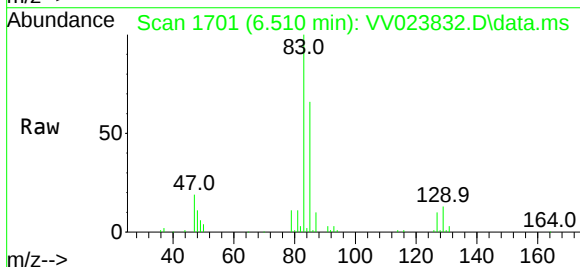
Tgt Ion: 83 Resp: 67908

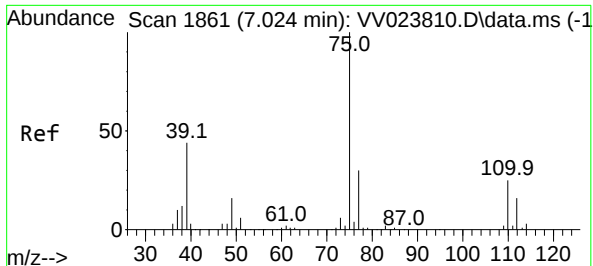
Ion Ratio Lower Upper

83 100

85 65.7 44.0 81.8

127 10.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.475 ug/L

RT: 7.027 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

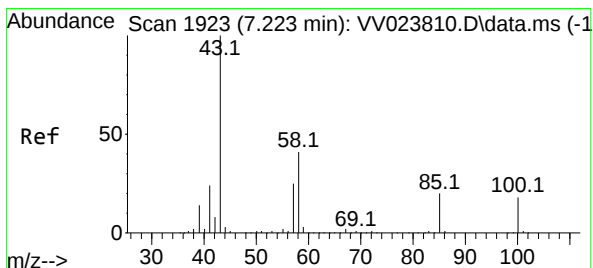
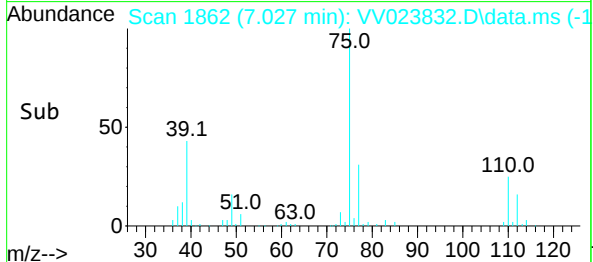
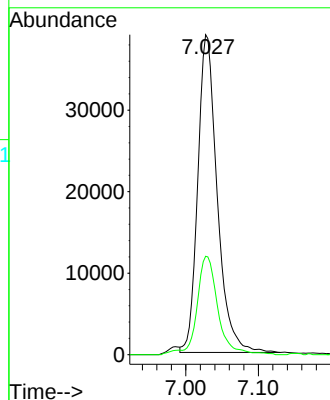
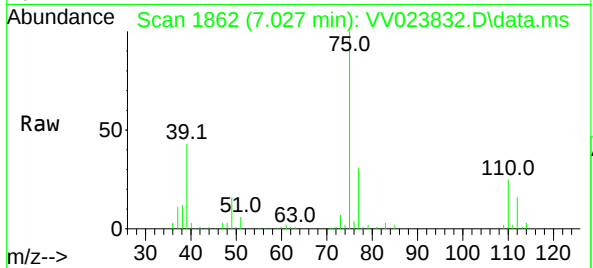
ClientSampleId :

Tgt Ion: 75 Resp: 72653

Ion Ratio Lower Upper

75 100

77 30.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 58.559 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

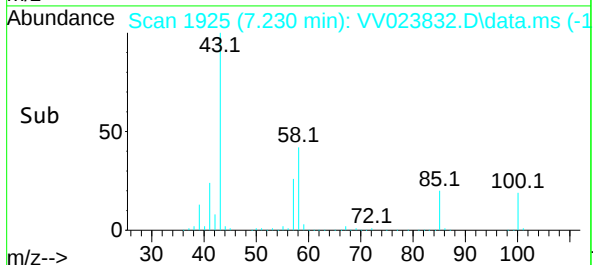
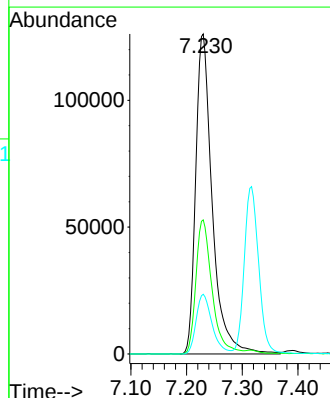
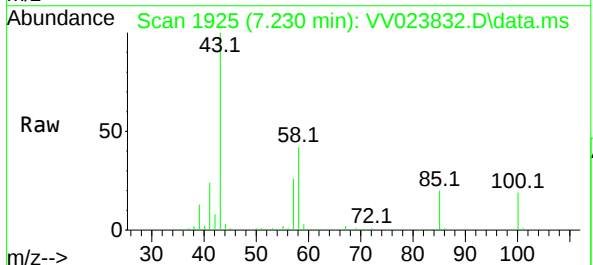
Tgt Ion: 43 Resp: 260678

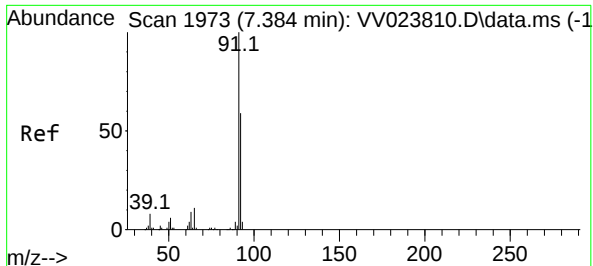
Ion Ratio Lower Upper

43 100

58 40.9 32.3 48.5

100 18.0 13.0 19.6





#42

Toluene

Concen: 5.526 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

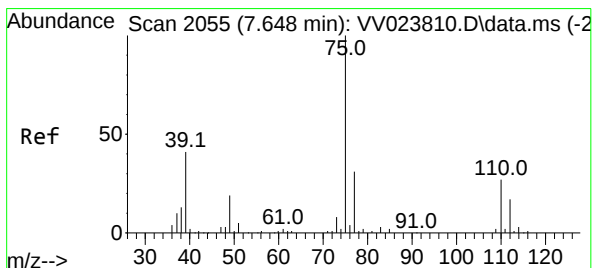
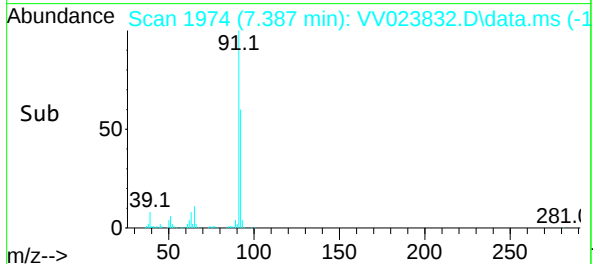
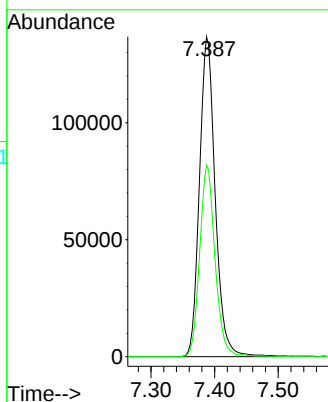
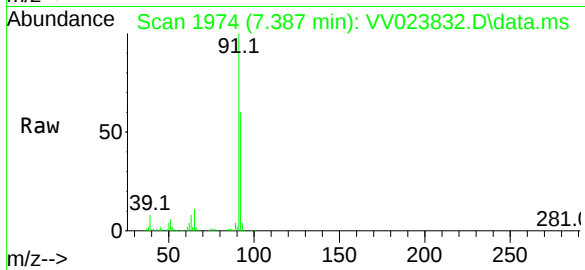
ClientSampleId :

Tgt Ion: 91 Resp: 235103

Ion Ratio Lower Upper

91 100

92 59.8 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.538 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023832.D

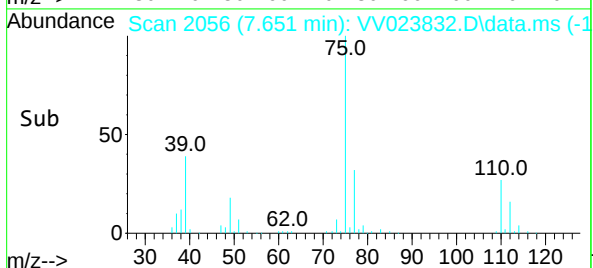
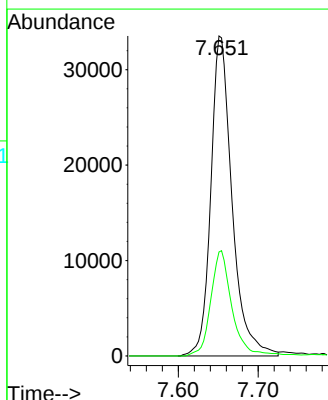
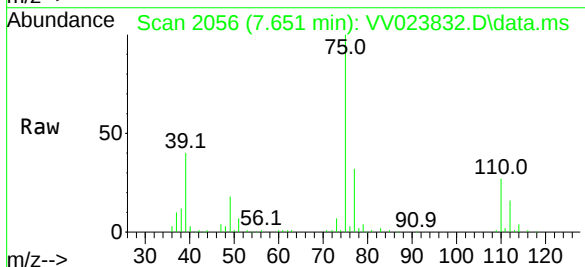
Acq: 07 Dec 2021 18:55

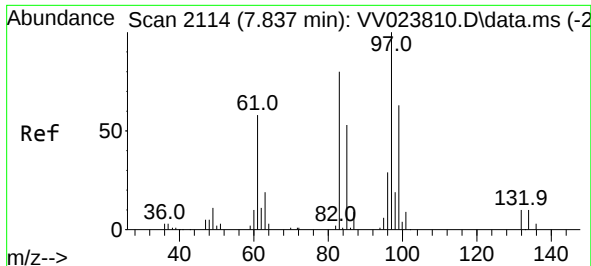
Tgt Ion: 75 Resp: 61772

Ion Ratio Lower Upper

75 100

77 32.5 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 5.433 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 35083

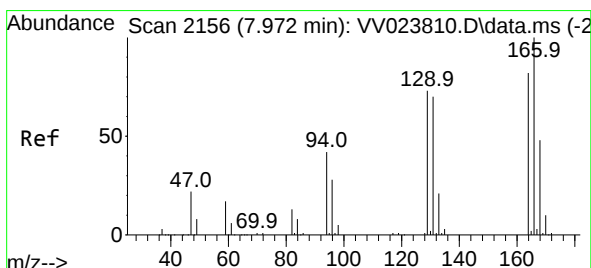
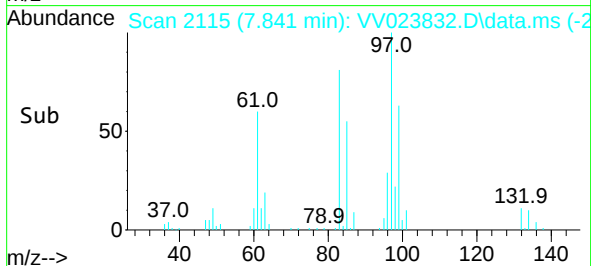
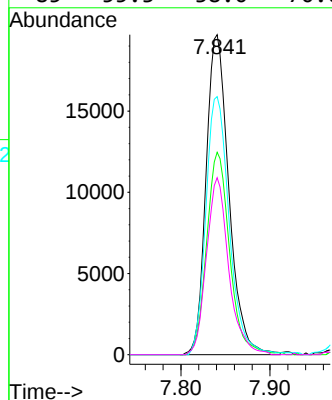
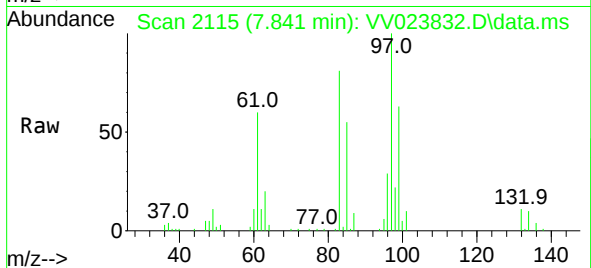
Ion Ratio Lower Upper

97 100

99 63.3 43.1 80.1

83 80.7 57.9 107.5

85 55.3 38.0 70.6



#47

Tetrachloroethene

Concen: 5.383 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Tgt Ion: 164 Resp: 51493

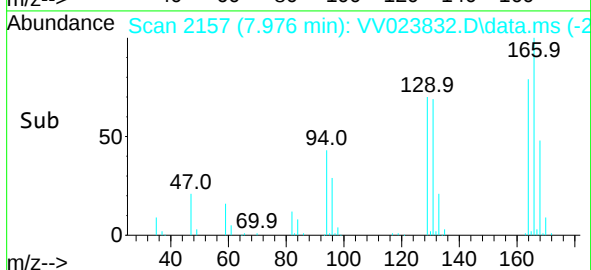
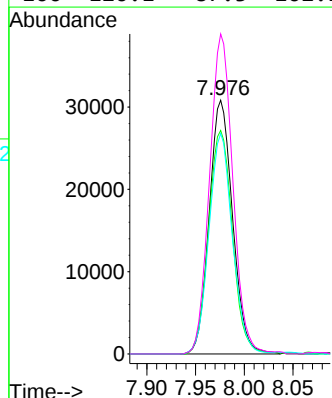
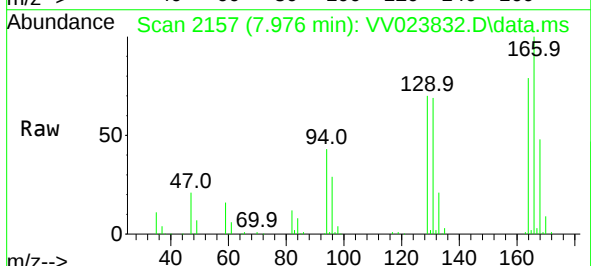
Ion Ratio Lower Upper

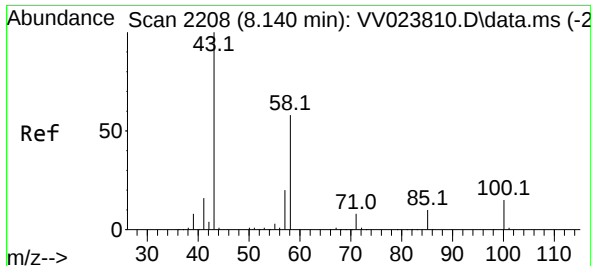
164 100

129 88.1 62.6 116.2

131 86.9 61.0 113.4

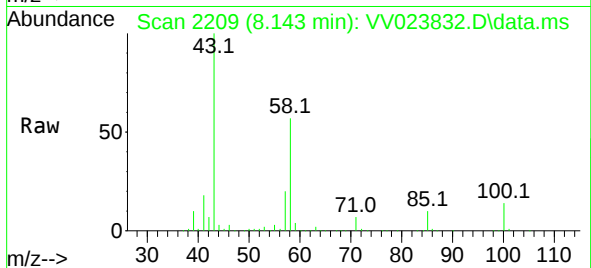
166 126.1 87.3 162.1



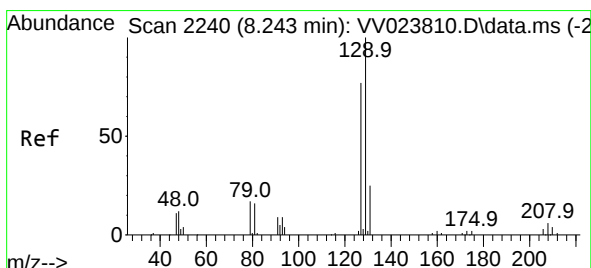
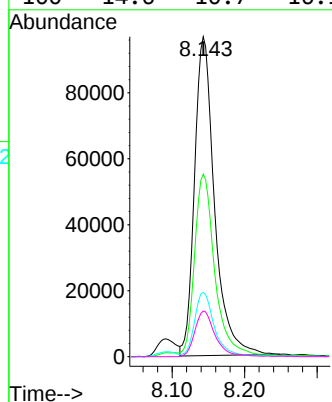
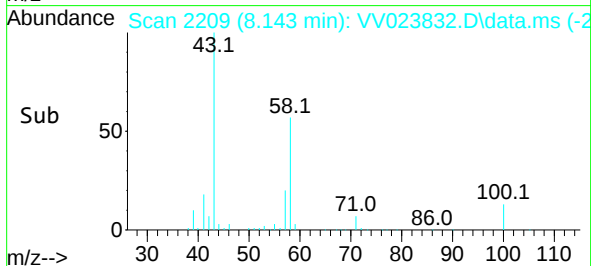


#48
2-Hexanone
Concen: 56.405 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Instrument :
MSVOA_V
ClientSampleId :

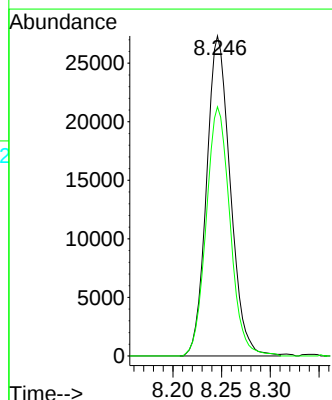
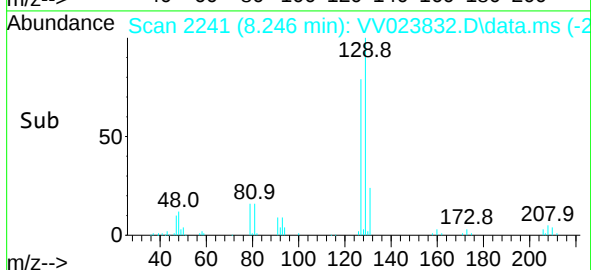
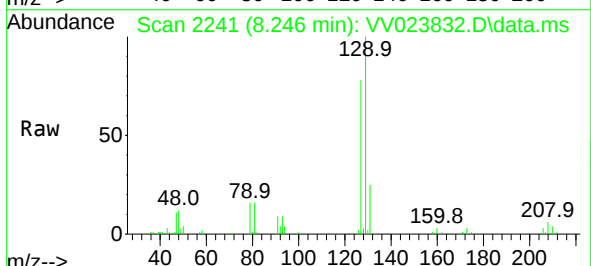


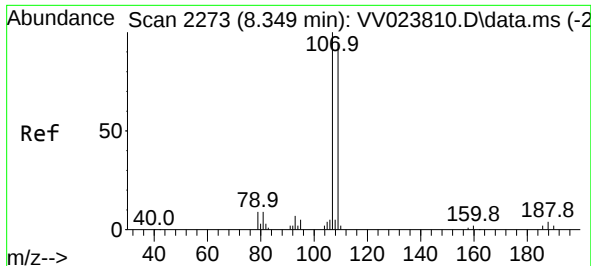
Tgt Ion: 43 Resp: 185582
Ion Ratio Lower Upper
43 100
58 57.0 44.5 66.7
57 19.4 15.1 22.7
100 14.6 10.7 16.1



#49
Dibromochloromethane
Concen: 5.227 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion: 129 Resp: 46253
Ion Ratio Lower Upper
129 100
127 77.8 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.223 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

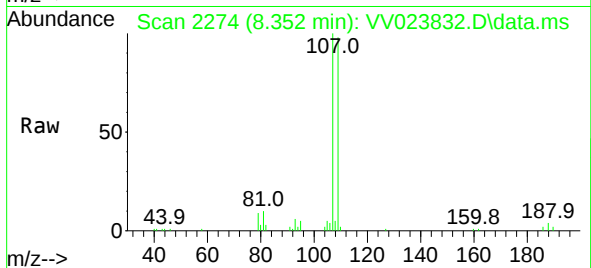
Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :



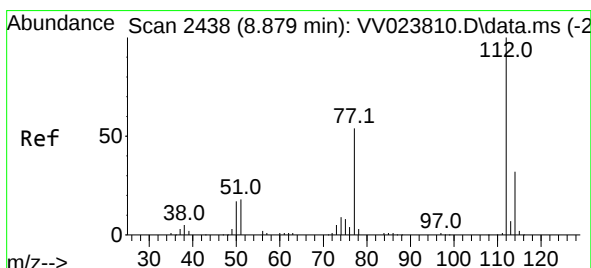
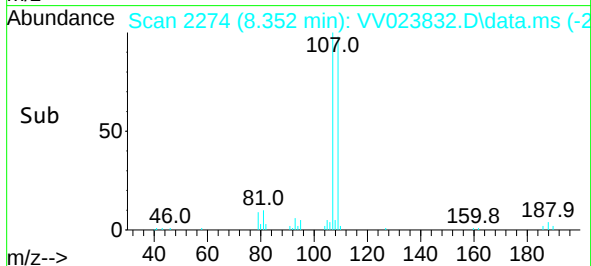
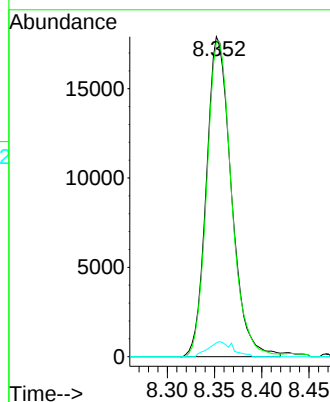
Tgt Ion:107 Resp: 32887

Ion Ratio Lower Upper

107 100

109 98.3 62.5 116.1

188 4.3 3.4 5.2



#51

Chlorobenzene

Concen: 5.463 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

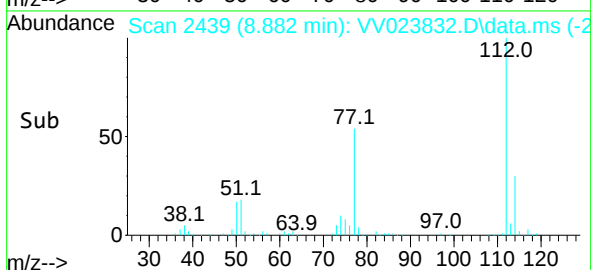
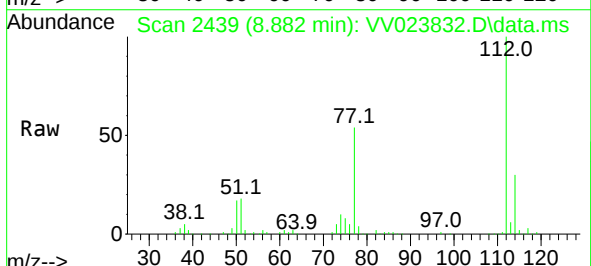
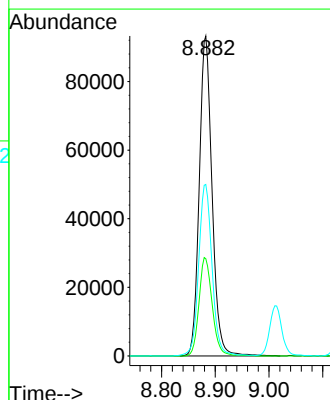
Tgt Ion:112 Resp: 154080

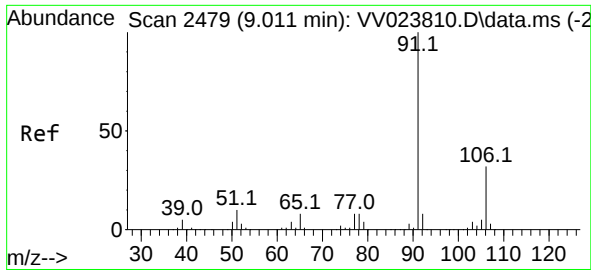
Ion Ratio Lower Upper

112 100

114 30.4 23.3 43.3

77 53.6 43.3 64.9

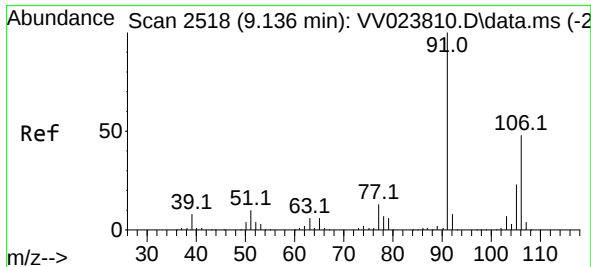
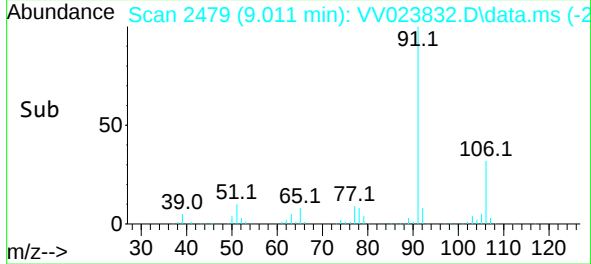
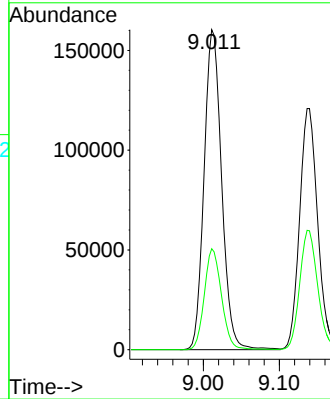
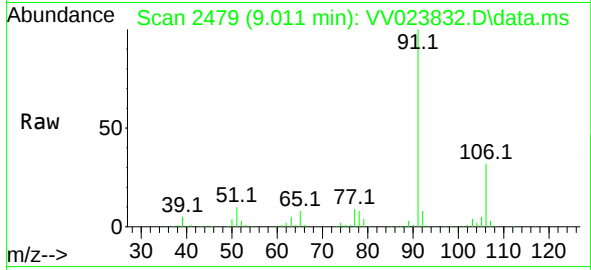




#52
Ethylbenzene
Concen: 5.779 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

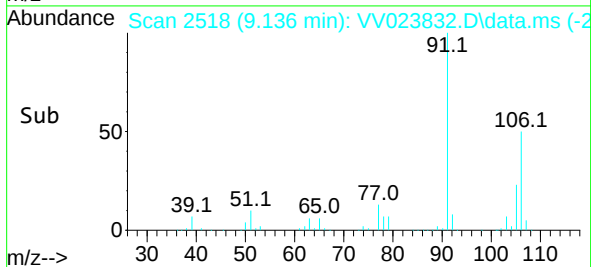
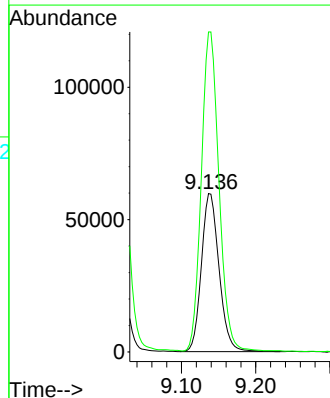
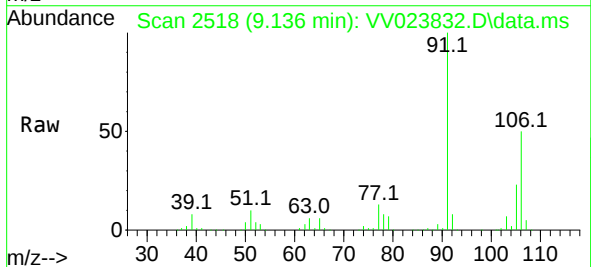
Instrument :
MSVOA_V
ClientSampleId :

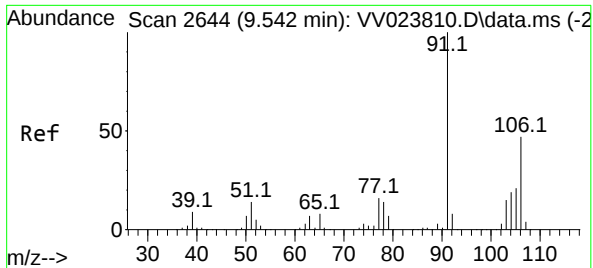
Tgt Ion: 91 Resp: 257011
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0



#53
m,p-xylene
Concen: 5.568 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion: 106 Resp: 98547
Ion Ratio Lower Upper
106 100
91 202.0 139.5 259.1

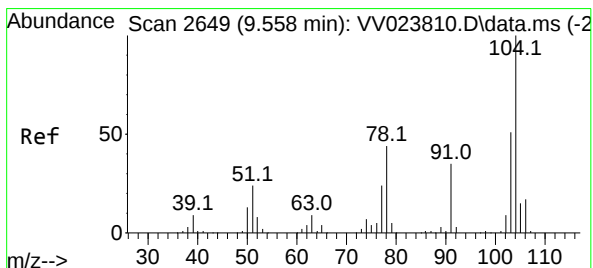
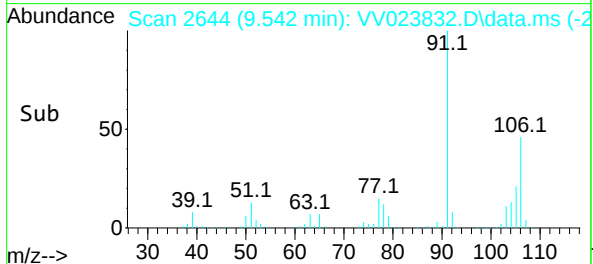
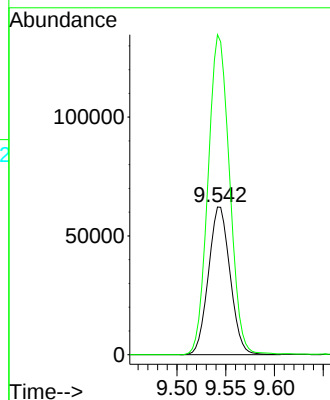
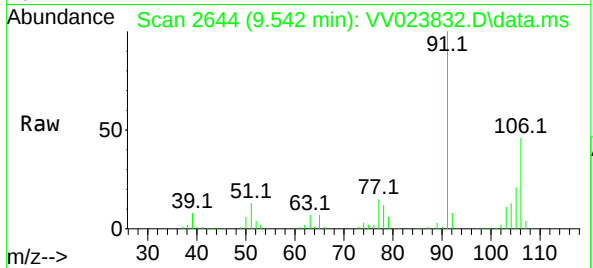




#54
o-xylene
Concen: 5.704 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

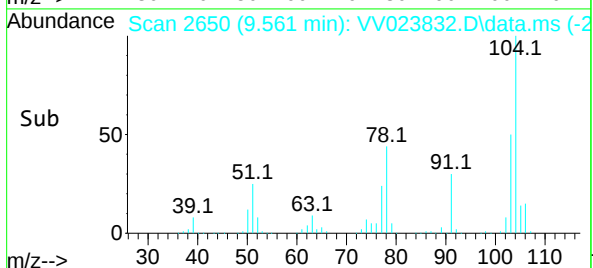
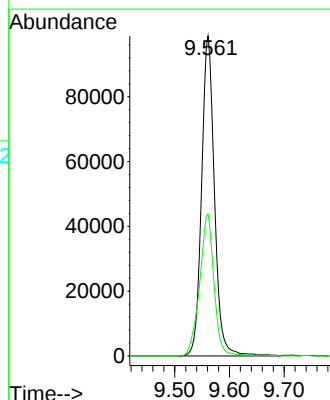
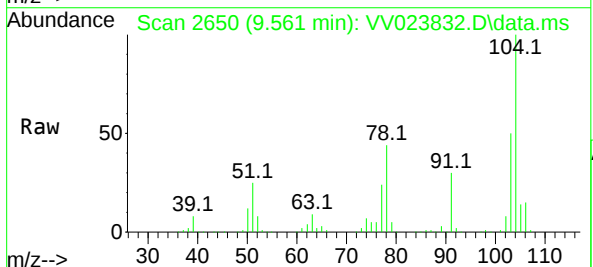
Instrument :
MSVOA_V
ClientSampleId :

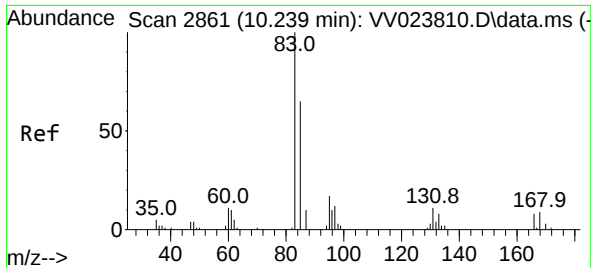
Tgt Ion:106 Resp: 96011
Ion Ratio Lower Upper
106 100
91 216.7 147.9 274.7



#55
Styrene
Concen: 5.694 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion:104 Resp: 161485
Ion Ratio Lower Upper
104 100
78 44.3 31.0 57.6

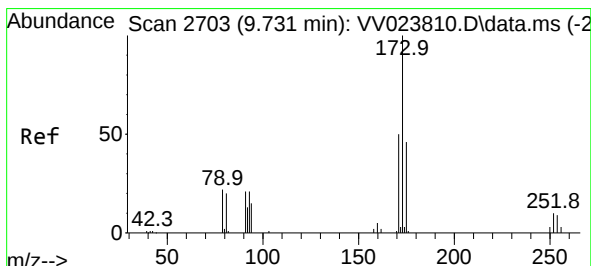
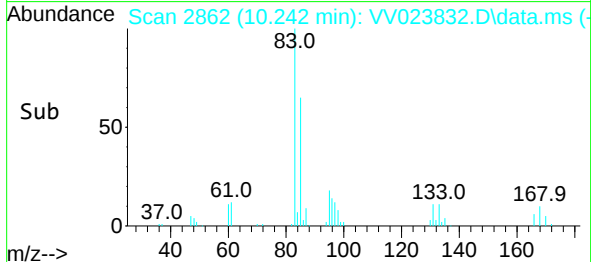
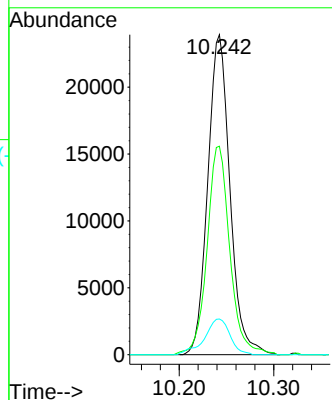
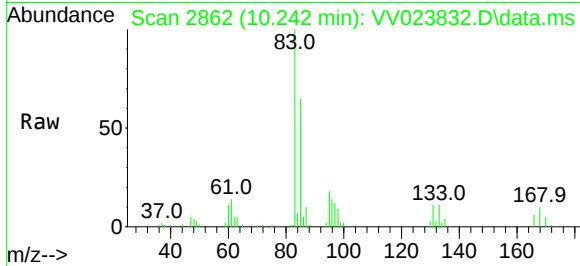




#57
1,1,2,2-Tetrachloroethane
Concen: 5.418 ug/L
RT: 10.242 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

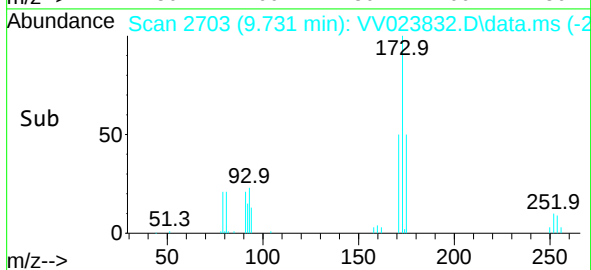
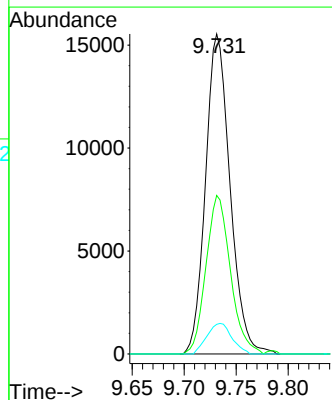
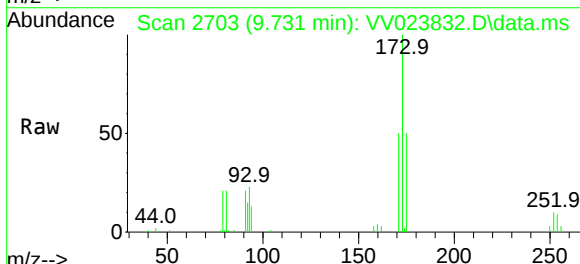
Instrument :
MSVOA_V
ClientSampleId :

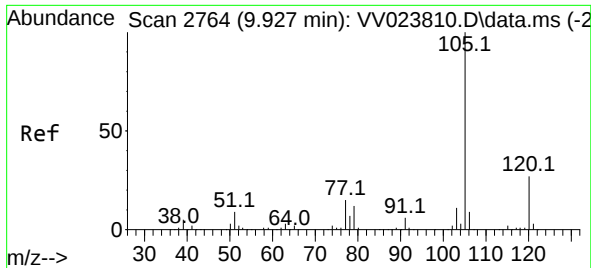
Tgt Ion: 83	Resp:	38921
Ion Ratio	Lower	Upper
83	100	
85	65.2	44.6 82.8
131	11.2	8.3 12.5



#59
Bromoform
Concen: 5.070 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

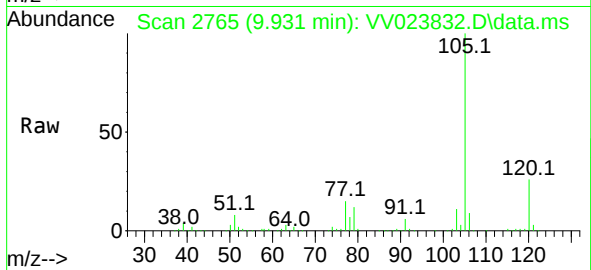
Tgt Ion: 173	Resp:	25525
Ion Ratio	Lower	Upper
173	100	
175	49.3	39.4 59.2
254	9.7	7.4 11.0



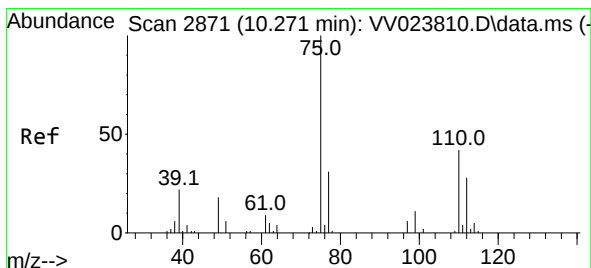
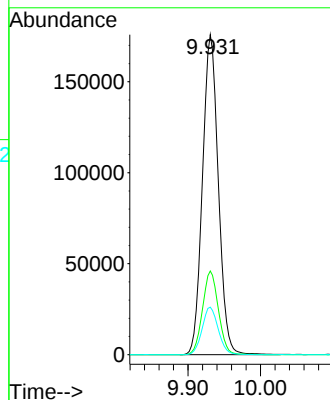
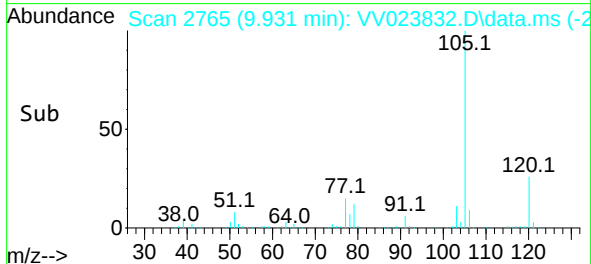


#60
Isopropylbenzene
Concen: 5.874 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

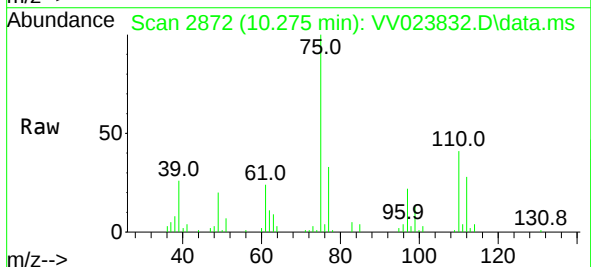
Instrument :
MSVOA_V
ClientSampleId :



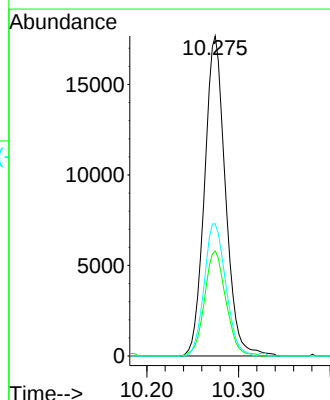
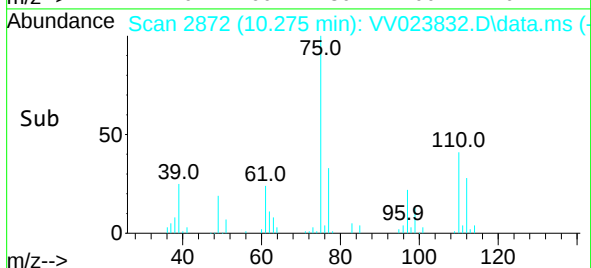
Tgt Ion:105 Resp: 267350
Ion Ratio Lower Upper
105 100
120 26.2 21.4 32.0
77 15.1 12.2 18.4

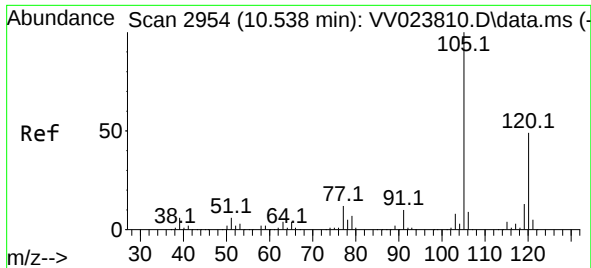


#61
1,2,3-Trichloropropane
Concen: 5.168 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55



Tgt Ion: 75 Resp: 27939
Ion Ratio Lower Upper
75 100
77 33.6 26.4 39.6
110 42.8 34.2 51.2

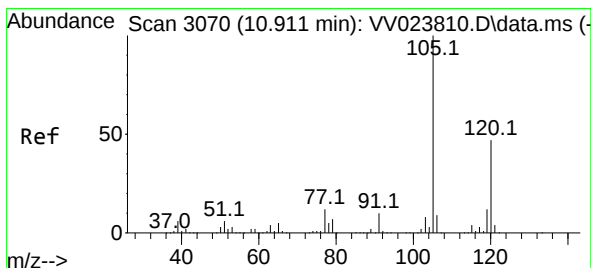
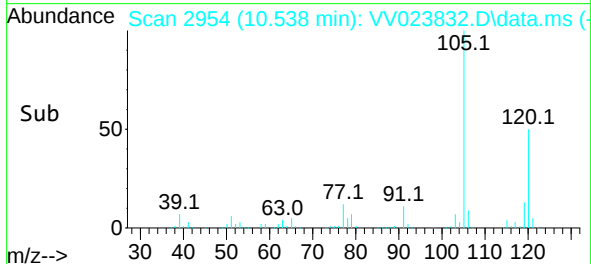
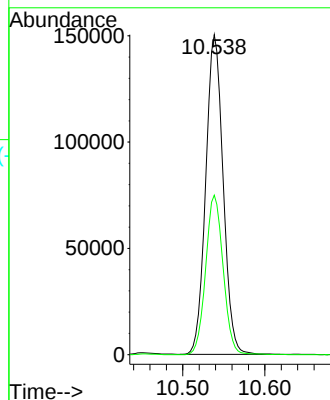
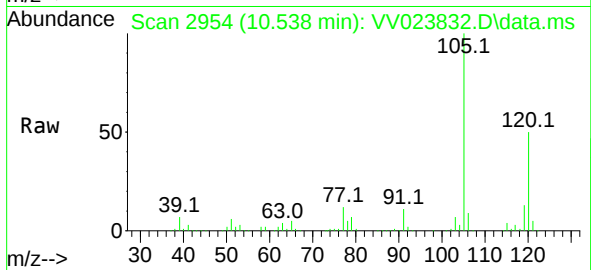




#62
 1,3,5-Trimethylbenzene
 Concen: 5.848 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

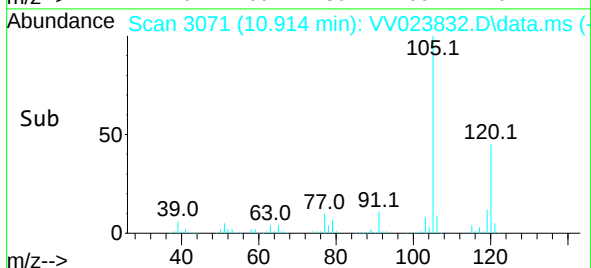
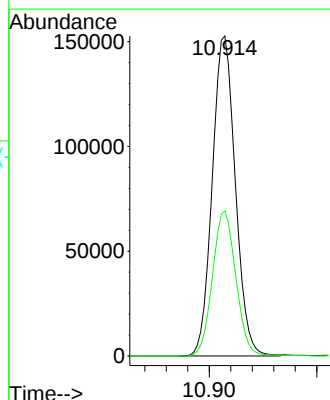
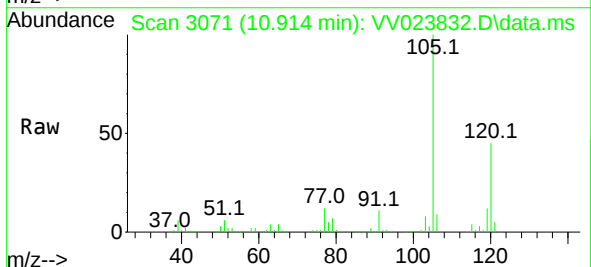
Instrument :
 MSVOA_V
 ClientSampleId :

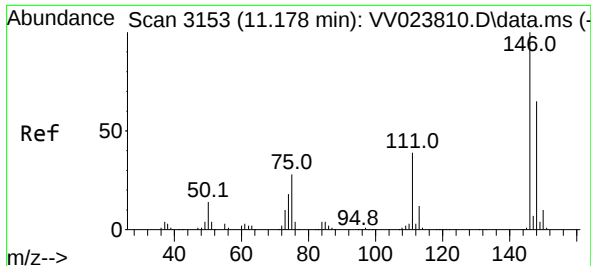
Tgt Ion:105 Resp: 221482
 Ion Ratio Lower Upper
 105 100
 120 50.1 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 6.077 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV023832.D
 Acq: 07 Dec 2021 18:55

Tgt Ion:105 Resp: 227616
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.7 55.1

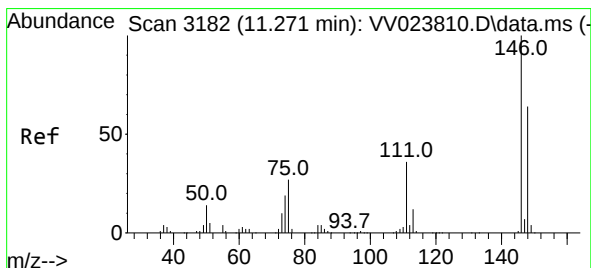
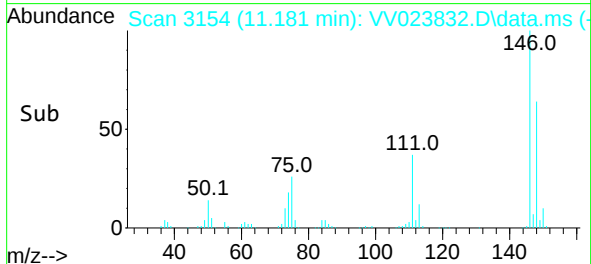
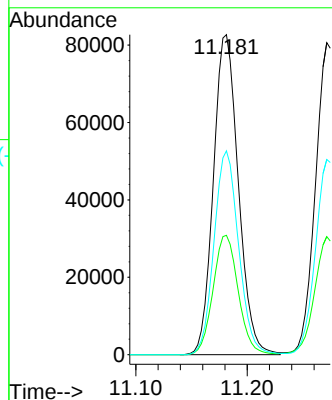
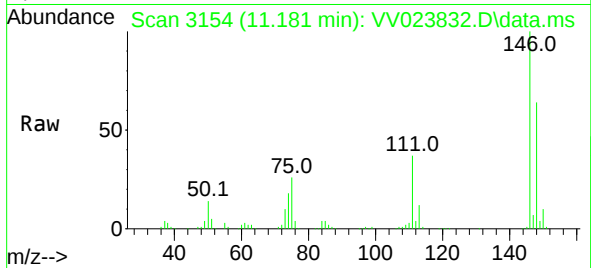




#64
1,3-Dichlorobenzene
Concen: 5.529 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

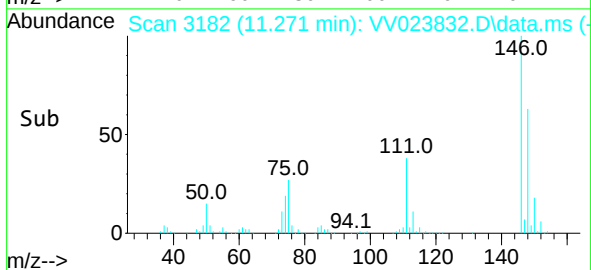
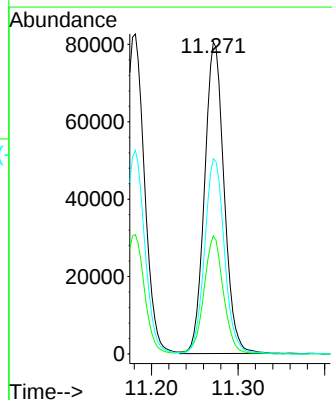
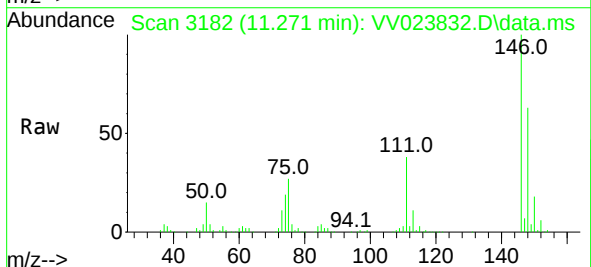
Instrument :
MSVOA_V
ClientSampleId :

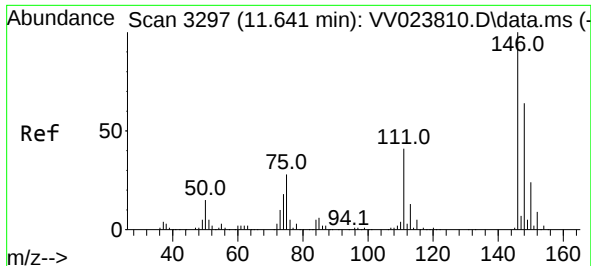
Tgt Ion:146 Resp: 128679
Ion Ratio Lower Upper
146 100
111 37.3 26.3 48.9
148 63.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.397 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion:146 Resp: 126233
Ion Ratio Lower Upper
146 100
111 37.9 25.6 47.6
148 62.5 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.413 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

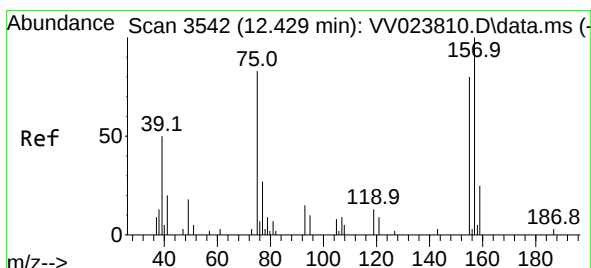
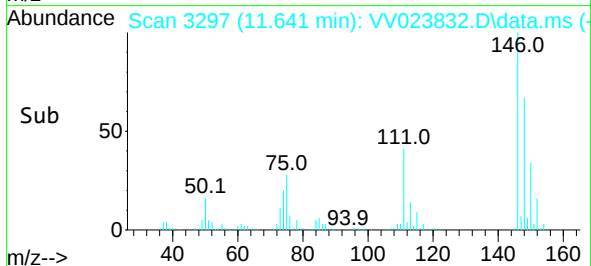
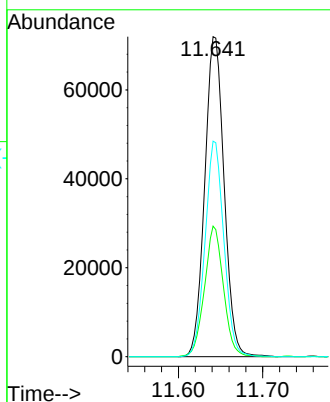
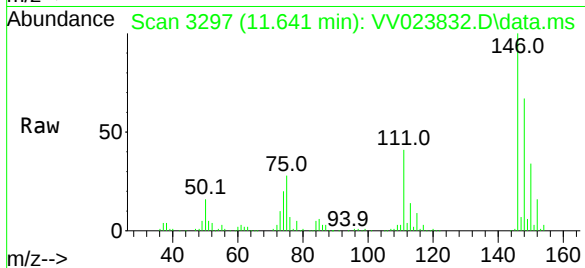
Tgt Ion:146 Resp: 115280

Ion Ratio Lower Upper

146 100

111 40.8 31.9 47.9

148 67.3 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.827 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

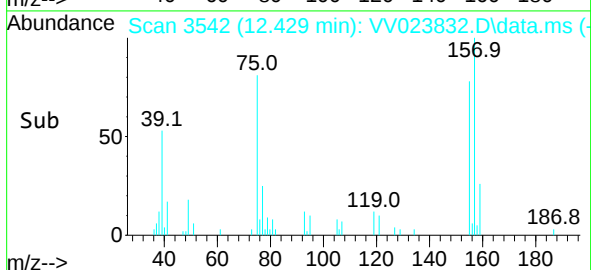
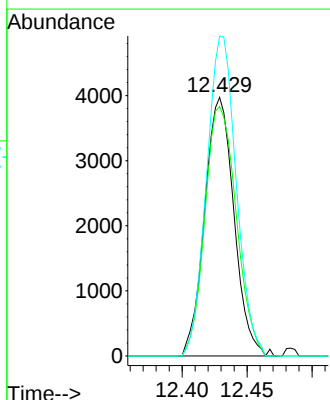
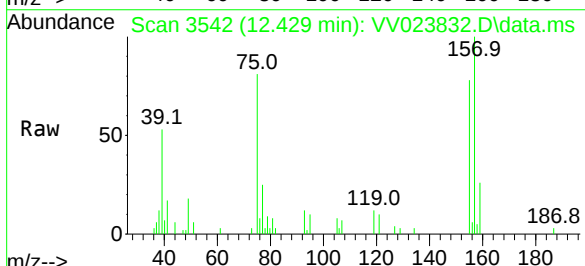
Tgt Ion: 75 Resp: 6256

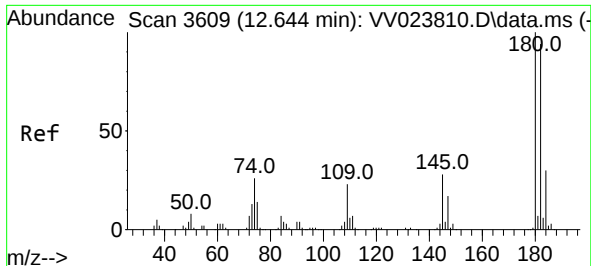
Ion Ratio Lower Upper

75 100

155 96.4 71.7 107.5

157 123.7 103.3 154.9





#69

1,3,5-Trichlorobenzene

Concen: 5.763 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 104695

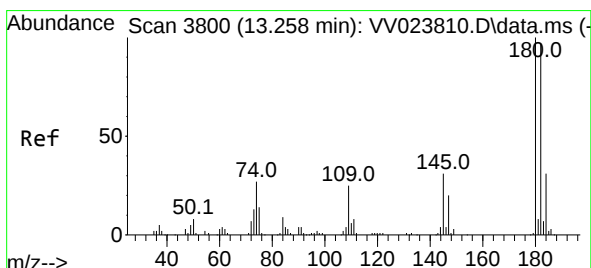
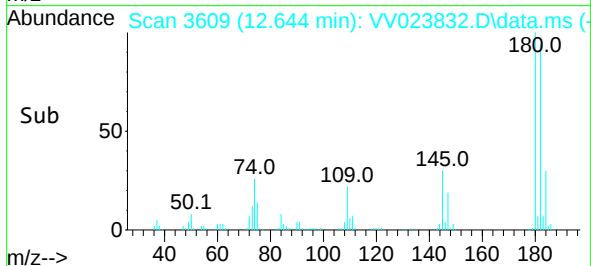
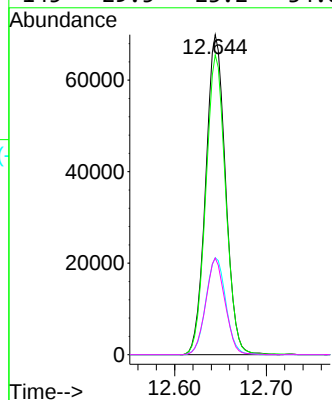
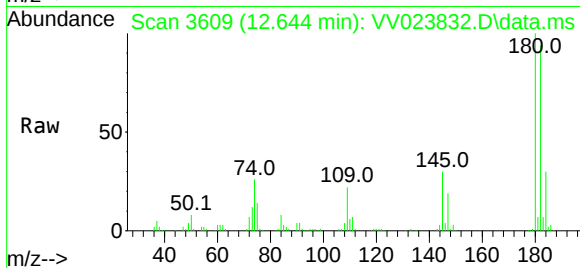
Ion Ratio Lower Upper

180 100

182 93.8 76.4 114.6

184 30.6 24.2 36.4

145 29.5 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.723 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV023832.D

Acq: 07 Dec 2021 18:55

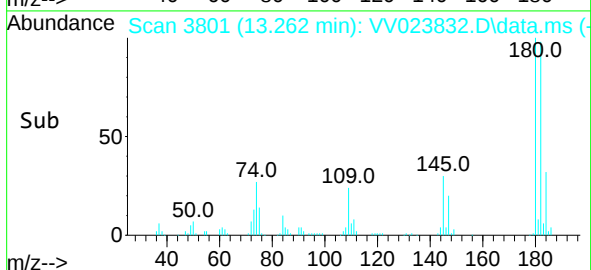
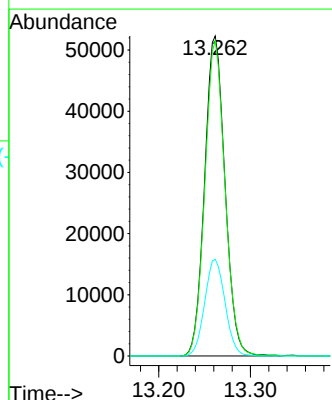
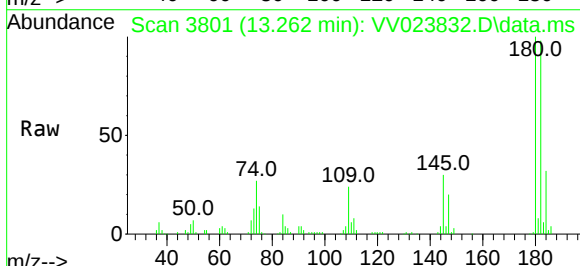
Tgt Ion:180 Resp: 80679

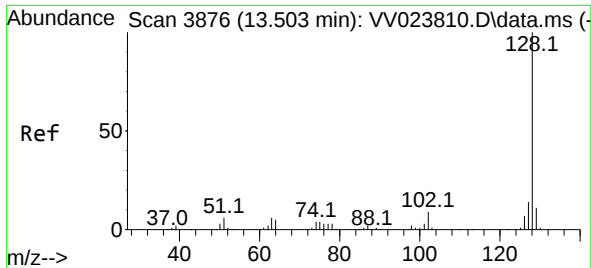
Ion Ratio Lower Upper

180 100

182 97.3 74.4 111.6

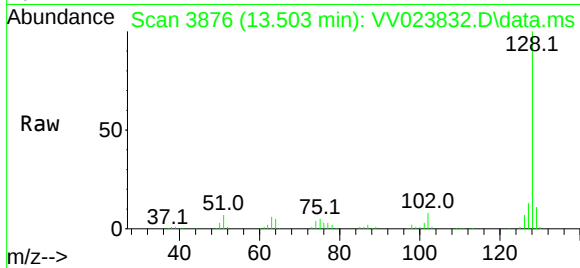
145 30.2 23.3 34.9



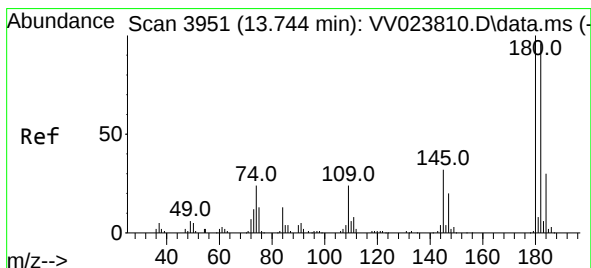
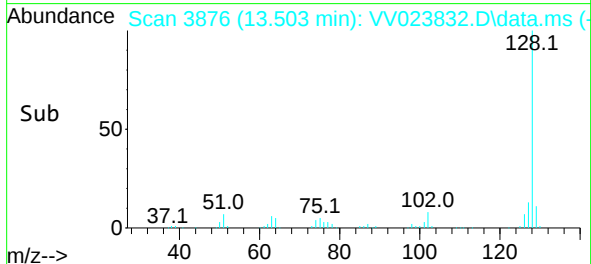
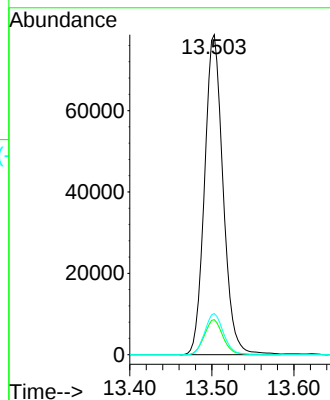


#71
Naphthalene
Concen: 6.512 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 123552
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.939 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV023832.D
Acq: 07 Dec 2021 18:55

Tgt Ion:180 Resp: 72554
Ion Ratio Lower Upper
180 100
182 94.2 76.8 115.2
145 31.6 25.8 38.6

