

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VW024261.D
 Acq On : 31 Dec 2021 03:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 31 06:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	250782	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	236071	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	131669	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88826	49.215	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.440%		
7) Chloroethane-d5	1.568	69	65792	47.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.980%		
11) 1,1-Dichloroethene-d2	2.111	63	162323	48.122	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.240%		
21) 2-Butanone-d5	3.886	46	98198	97.655	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.660%		
24) Chloroform-d	4.349	84	158232	47.969	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.940%		
26) 1,2-Dichloroethane-d4	5.031	65	107305	48.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.180%		
32) Benzene-d6	5.050	84	302355	49.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.160%		
36) 1,2-Dichloropropane-d6	6.069	67	83605	48.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.840%		
41) Toluene-d8	7.317	98	295704	49.576	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.160%		
43) trans-1,3-Dichloroprop...	7.622	79	48014	48.296	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.600%		
47) 2-Hexanone-d5	8.088	63	74691	99.576	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.580%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	115044	46.628	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.260%		
66) 1,2-Dichlorobenzene-d4	11.622	152	126382	48.155	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.131	85	96507	47.700	ug/L	99
3) Chloromethane	1.243	50	86345	50.797	ug/L	98
5) Vinyl chloride	1.311	62	92348	51.346	ug/L	99
6) Bromomethane	1.523	94	59601	58.154	ug/L	99
8) Chloroethane	1.587	64	56054	50.493	ug/L	97
9) Trichlorofluoromethane	1.754	101	159704	49.400	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	72766	46.055	ug/L	99
12) 1,1-Dichloroethene	2.121	96	76076	49.802	ug/L	95
13) Acetone	2.182	43	72060	72.581	ug/L	100
14) Carbon disulfide	2.298	76	216423	48.795	ug/L	100
15) Methyl Acetate	2.433	43	70572	48.872	ug/L	99
16) Methylene chloride	2.507	84	81546	49.021	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	79544	50.534	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	251668	51.876	ug/L	100
19) 1,1-Dichloroethane	3.192	63	131355	50.312	ug/L	100
20) cis-1,2-Dichloroethene	3.912	96	84583	50.314	ug/L	98
22) 2-Butanone	3.970	43	97100	92.071	ug/L	95
23) Bromochloromethane	4.249	128	48219	49.779	ug/L	97
25) Chloroform	4.375	83	150711	49.372	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW123121\
 Data File : VV024261.D
 Acq On : 31 Dec 2021 03:45
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

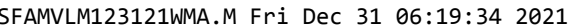
Instrument :
 MSVOA_V
 ClientSampleId :

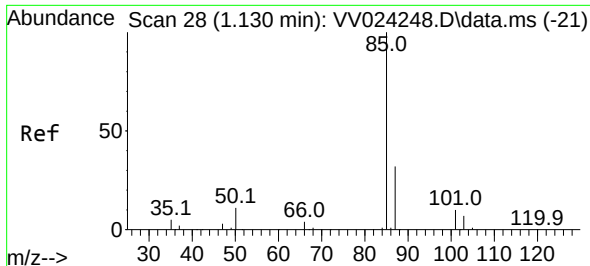
Quant Time: Dec 31 06:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 31 06:12:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	124392	50.101	ug/L	99
29) Cyclohexane	4.680	56	102363	48.507	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	146215	50.338	ug/L	99
31) Carbon tetrachloride	4.828	117	132531	49.182	ug/L	98
33) Benzene	5.101	78	302121	50.331	ug/L	100
34) Trichloroethene	5.915	95	84182	50.856	ug/L	99
35) Methylcyclohexane	6.134	83	111081	45.248	ug/L	99
37) 1,2-Dichloropropane	6.172	63	70351	49.828	ug/L	100
38) Bromodichloromethane	6.510	83	111926	50.518	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	123256	51.933	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	190080	103.244	ug/L	99
42) Toluene	7.388	91	347390	51.556	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	122066	50.701	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	78354	49.504	ug/L	98
46) Tetrachloroethene	7.976	164	74992	49.775	ug/L	97
48) 2-Hexanone	8.140	43	152386	103.051	ug/L	99
49) Dibromochloromethane	8.246	129	100261	50.535	ug/L	99
50) 1,2-Dibromoethane	8.352	107	85186	50.108	ug/L	98
51) Chlorobenzene	8.879	112	227654	50.161	ug/L	98
52) Ethylbenzene	9.011	91	367653	51.074	ug/L	100
53) m,p-Xylene	9.137	106	145886	50.560	ug/L	97
54) o-Xylene	9.542	106	146913	53.338	ug/L	98
55) Styrene	9.558	104	253981	53.098	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	110682	47.890	ug/L	99
59) Bromoform	9.731	173	74125	49.371	ug/L	99
60) Isopropylbenzene	9.931	105	379089	52.030	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	95925	49.614	ug/L	98
62) 1,3,5-Trimethylbenzene	10.539	105	331966	52.968	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	333294	53.268	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	192650	51.282	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	198320	51.190	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	193830	50.063	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	26652	47.862	ug/L	92
69) 1,3,5-Trichlorobenzene	12.645	180	145360	50.305	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	128142	51.853	ug/L	100
71) Naphthalene	13.500	128	382348	53.476	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	134200	52.542	ug/L	100

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

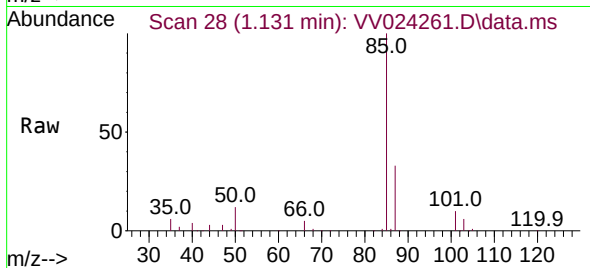
Quant Time: Dec 31 06:19:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 31 06:12:03 2021
Response via : Initial Calibration



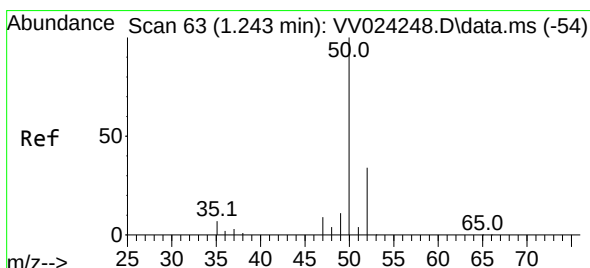
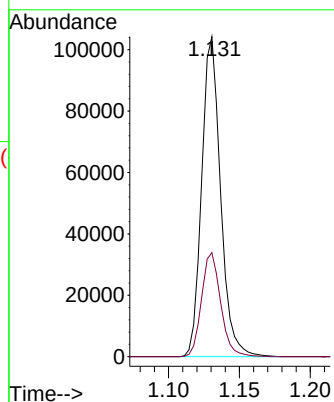
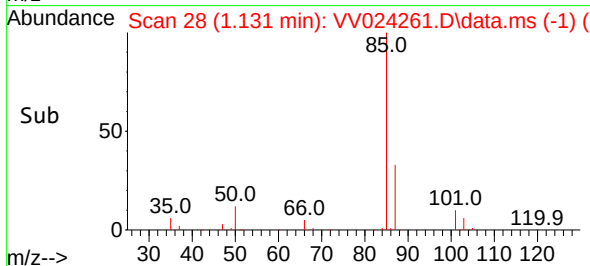


#2
 Dichlorodifluoromethane
 Concen: 47.700 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

Instrument :
 MSVOA_V
 ClientSampleId :

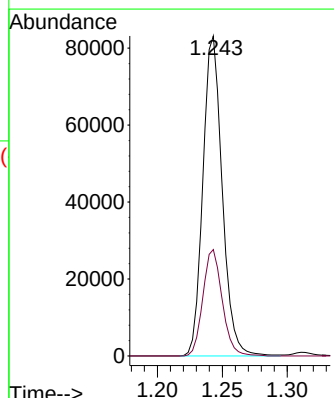
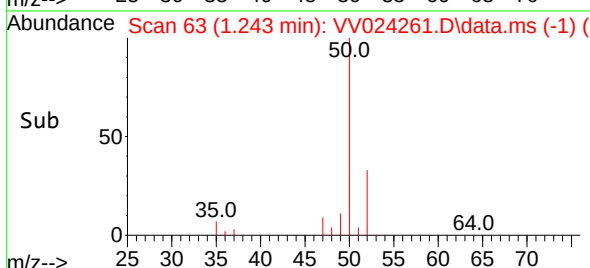
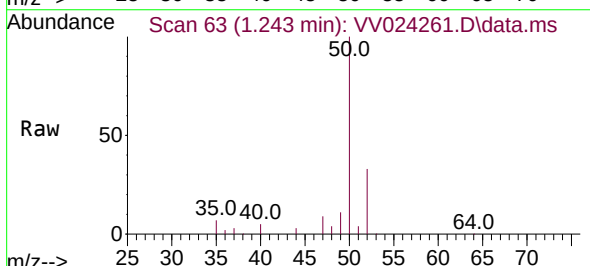


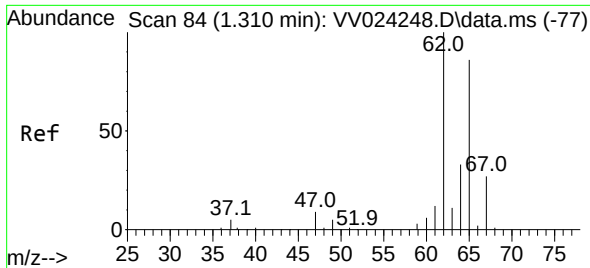
Tgt Ion: 85 Resp: 96507
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.8 38.8



#3
 Chloromethane
 Concen: 50.797 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

Tgt Ion: 50 Resp: 86345
 Ion Ratio Lower Upper
 50 100
 52 33.2 24.1 44.7

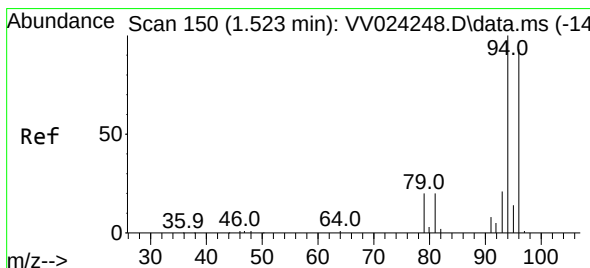
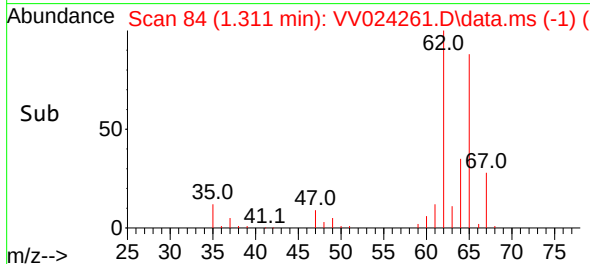
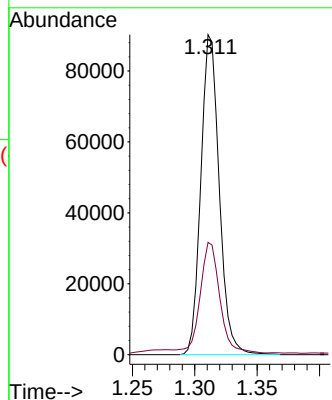
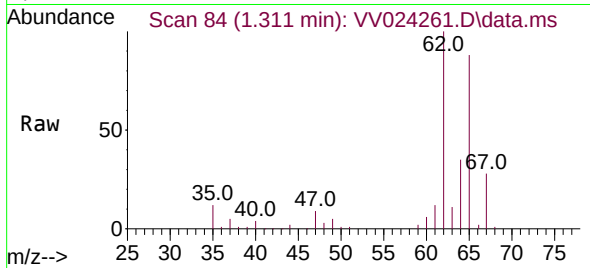




#5
 Vinyl chloride
 Concen: 51.346 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

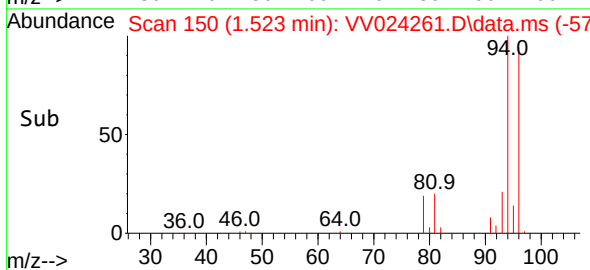
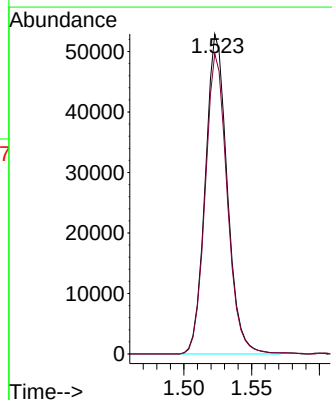
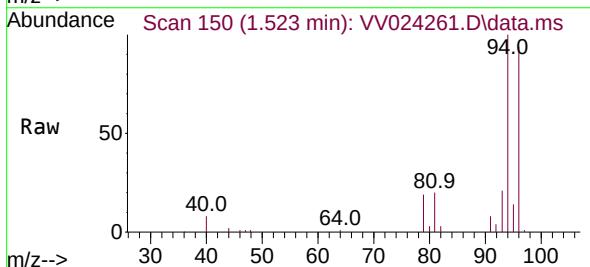
Instrument :
 MSVOA_V
 ClientSampleId :

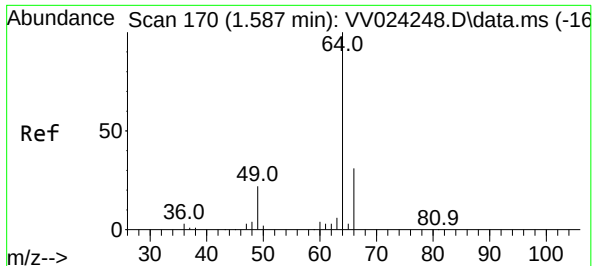
Tgt Ion: 62 Resp: 92348
 Ion Ratio Lower Upper
 62 100
 64 35.1 25.0 46.4



#6
 Bromomethane
 Concen: 58.154 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

Tgt Ion: 94 Resp: 59601
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.0 120.6

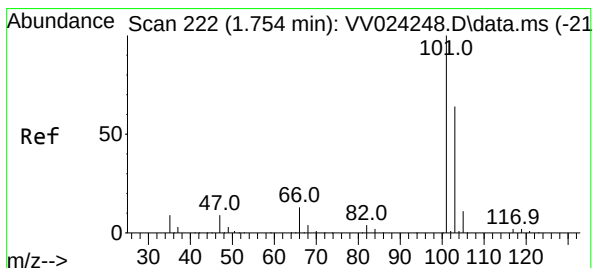
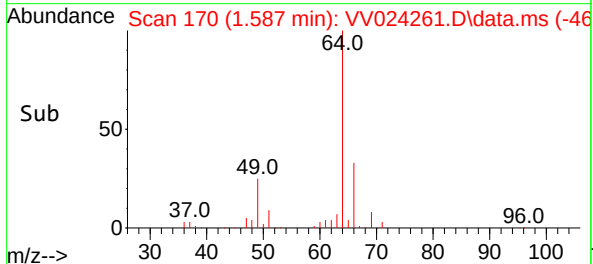
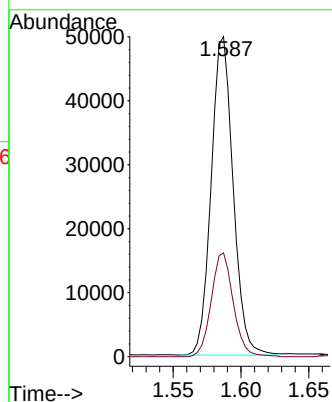
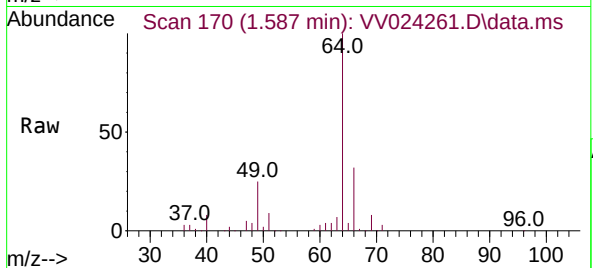




#8
Chloroethane
Concen: 50.493 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

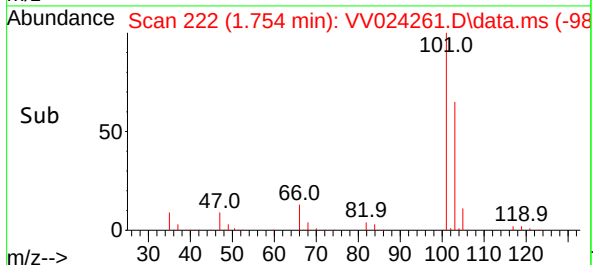
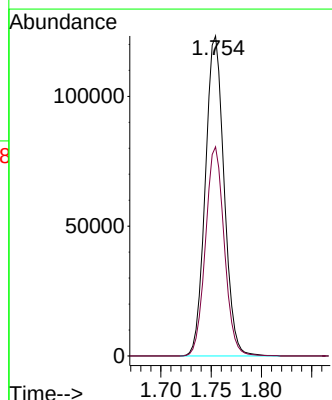
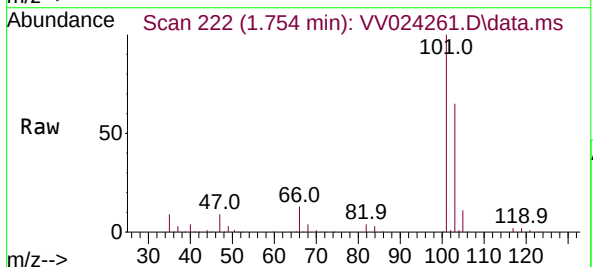
Instrument :
MSVOA_V
ClientSampleId :

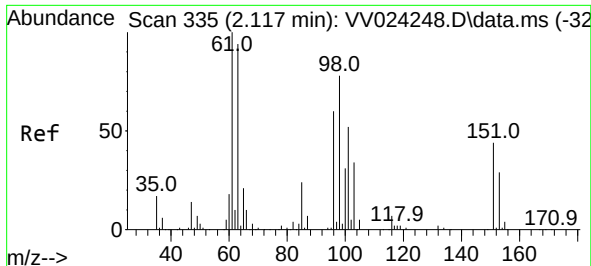
Tgt Ion: 64 Resp: 56054
Ion Ratio Lower Upper
64 100
66 32.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 49.400 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion:101 Resp: 159704
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0





#10

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

Concen: 46.055 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :

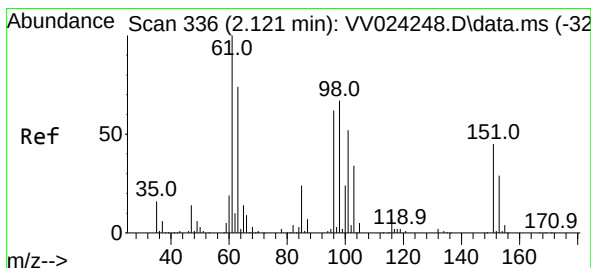
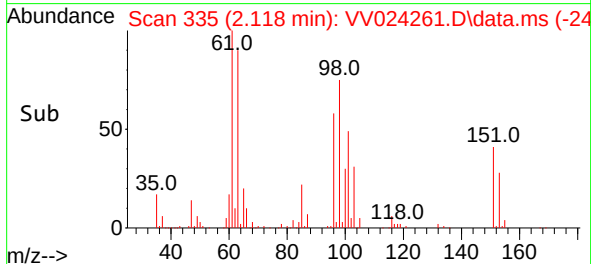
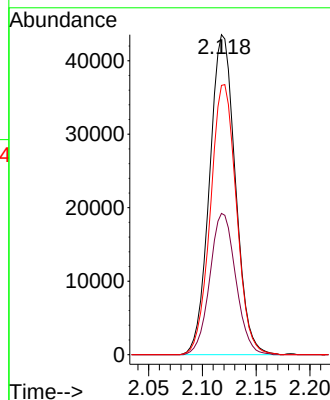
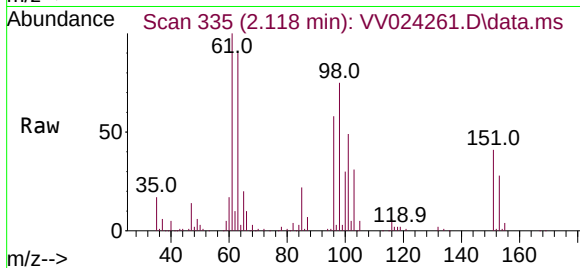
Tgt Ion:101 Resp: 72766

Ion Ratio Lower Upper

101 100

85 44.3 35.3 52.9

151 84.9 67.1 100.7



#12

1,1-Dichloroethene

Concen: 49.802 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

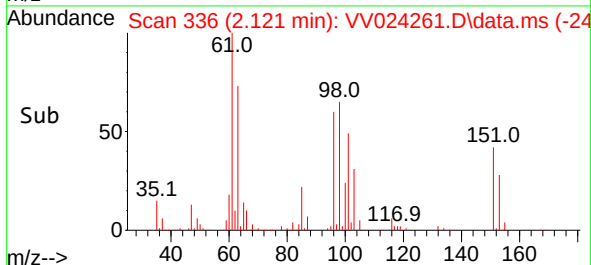
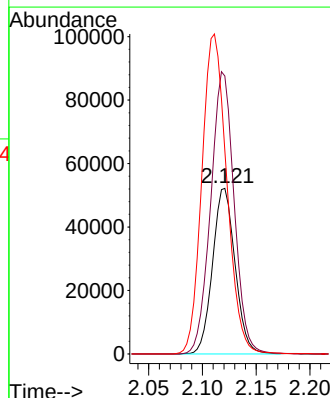
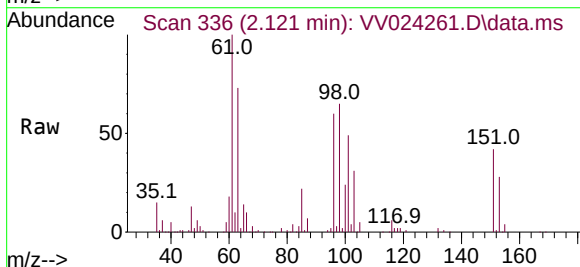
Tgt Ion: 96 Resp: 76076

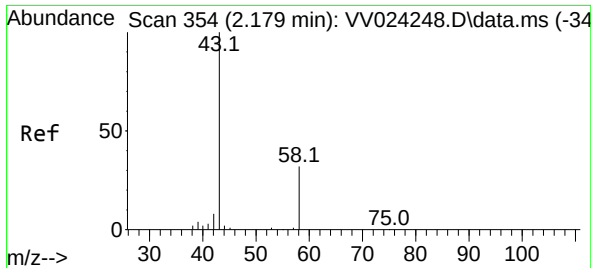
Ion Ratio Lower Upper

96 100

61 167.8 111.9 207.9

63 122.7 82.7 153.5





#13

Acetone

Concen: 72.581 ug/L

RT: 2.182 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

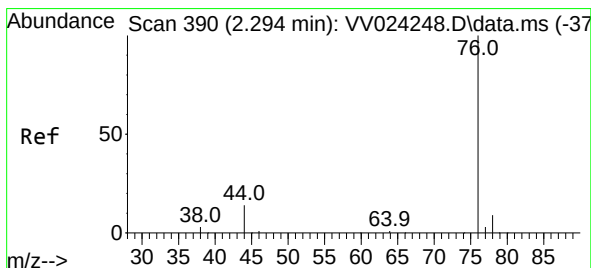
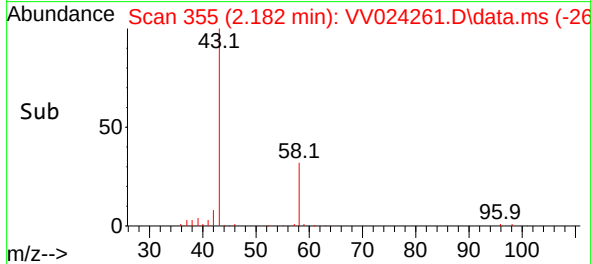
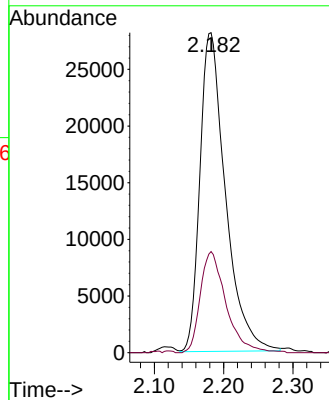
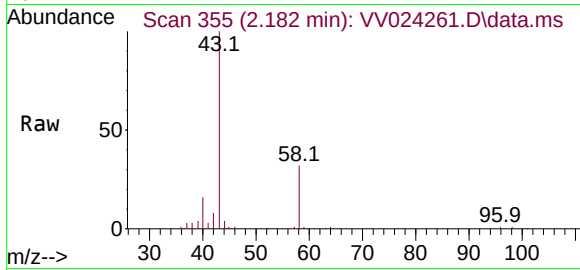
ClientSampleId :

Tgt Ion: 43 Resp: 72060

Ion Ratio Lower Upper

43 100

58 31.7 0.0 63.0



#14

Carbon disulfide

Concen: 48.795 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024261.D

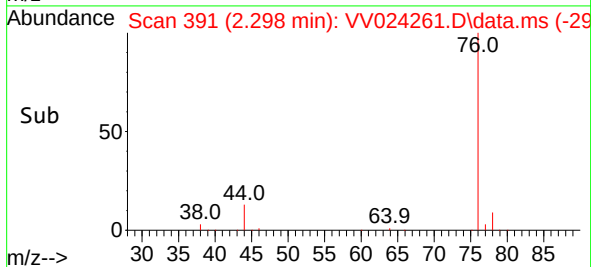
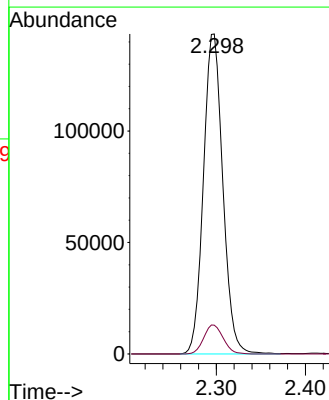
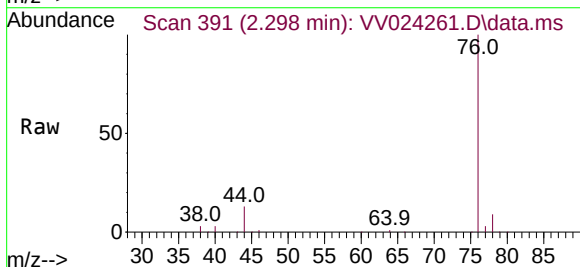
Acq: 31 Dec 2021 03:45

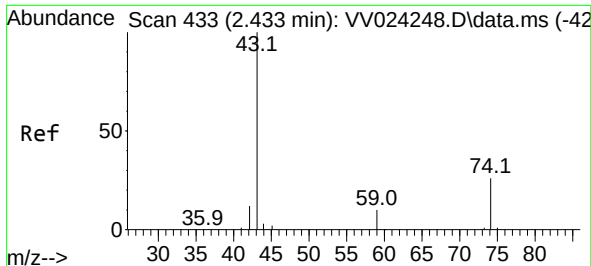
Tgt Ion: 76 Resp: 216423

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8

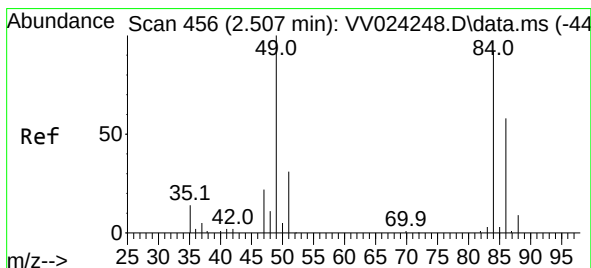
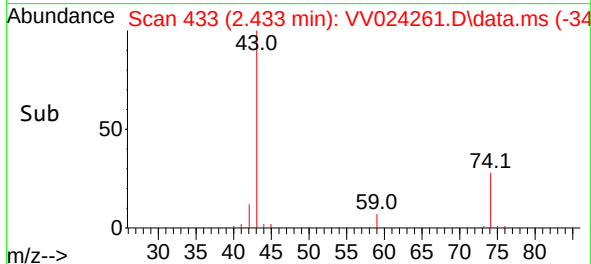
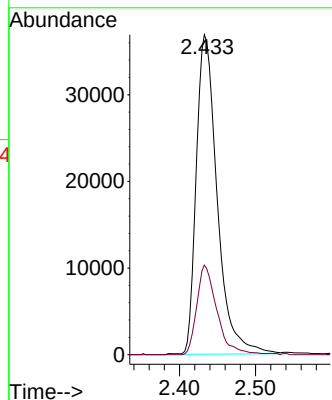
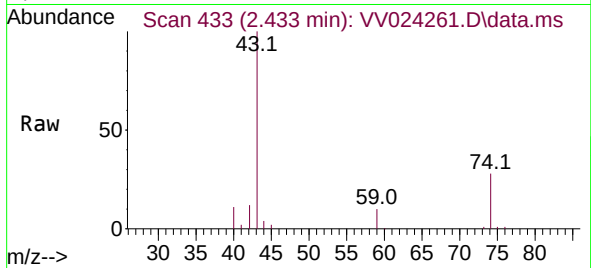




#15
Methyl Acetate
Concen: 48.872 ug/L
RT: 2.433 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

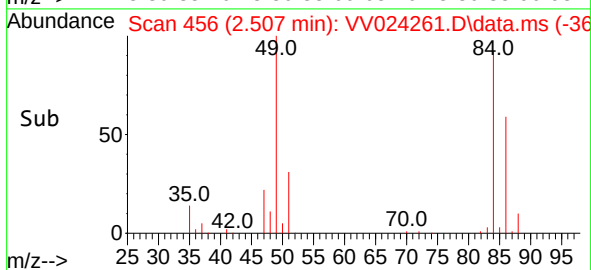
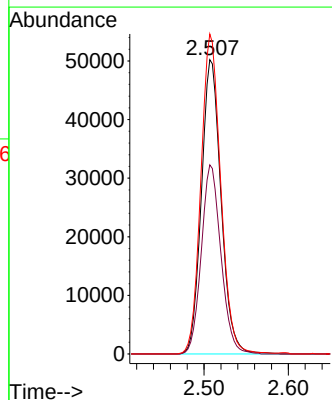
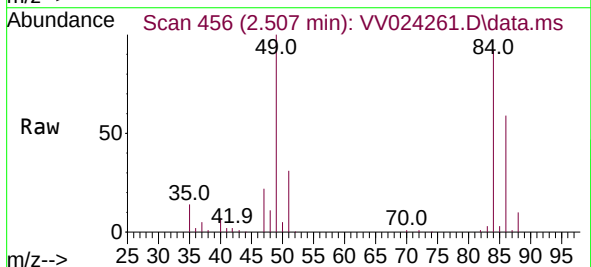
Instrument :
MSVOA_V
ClientSampleId :

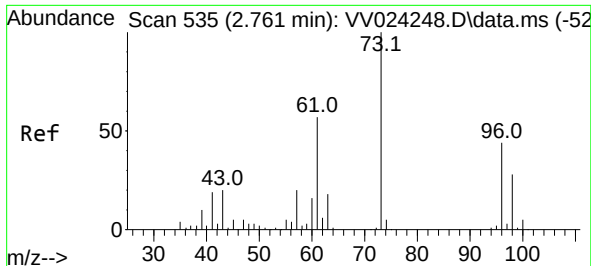
Tgt Ion: 43 Resp: 70572
Ion Ratio Lower Upper
43 100
74 26.7 21.8 32.8



#16
Methylene chloride
Concen: 49.021 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

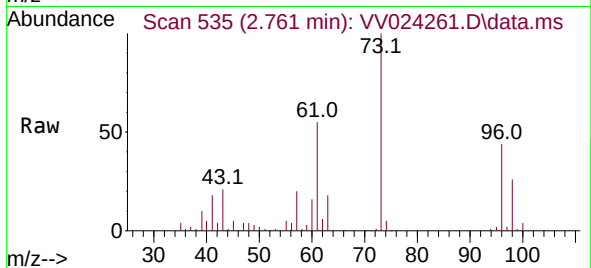
Tgt Ion: 84 Resp: 81546
Ion Ratio Lower Upper
84 100
86 64.3 46.8 86.8
49 108.8 78.3 145.3





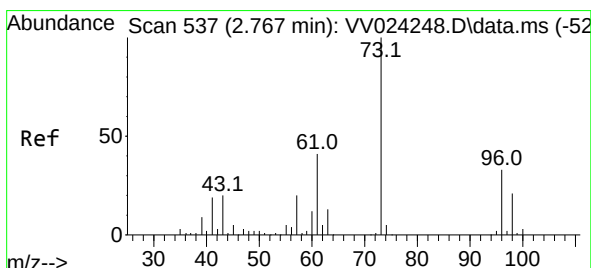
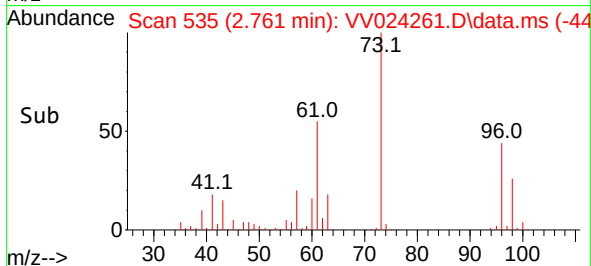
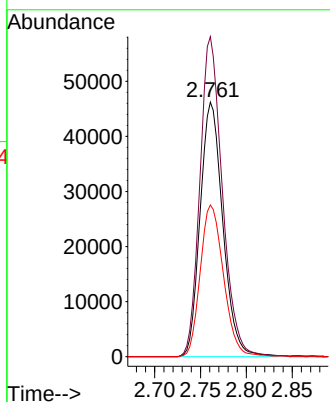
#17
 trans-1,2-Dichloroethene
 Concen: 50.534 ug/L
 RT: 2.761 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 79544

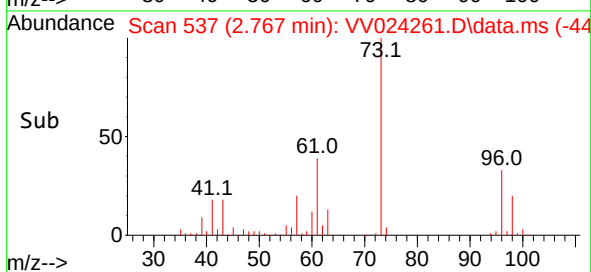
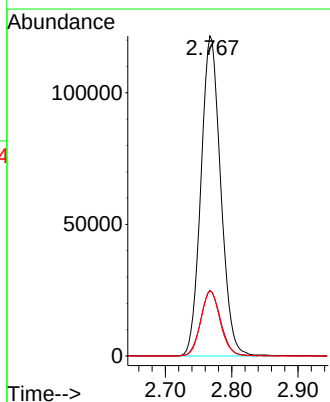
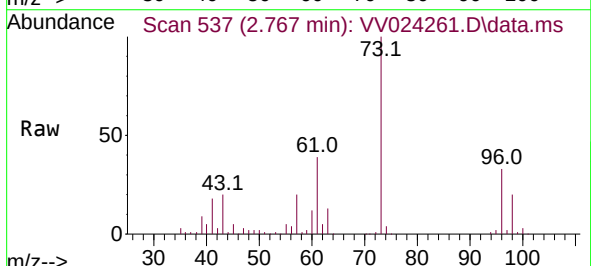
Ion	Ratio	Lower	Upper
96	100		
61	125.7	88.1	163.7
98	59.6	45.0	83.6

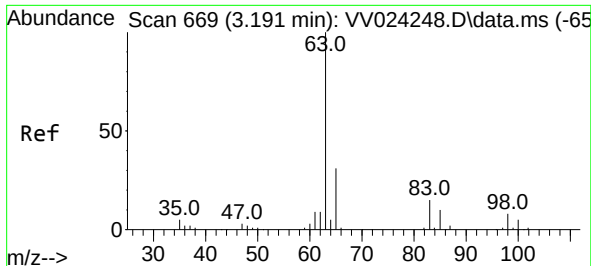


#18
 Methyl tert-butyl Ether
 Concen: 51.876 ug/L
 RT: 2.767 min Scan# 537
 Delta R.T. 0.000 min
 Lab File: VV024261.D
 Acq: 31 Dec 2021 03:45

Tgt Ion: 73 Resp: 251668

Ion	Ratio	Lower	Upper
73	100		
43	20.6	16.2	24.2
57	19.9	15.9	23.9





#19

1,1-Dichloroethane

Concen: 50.312 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :

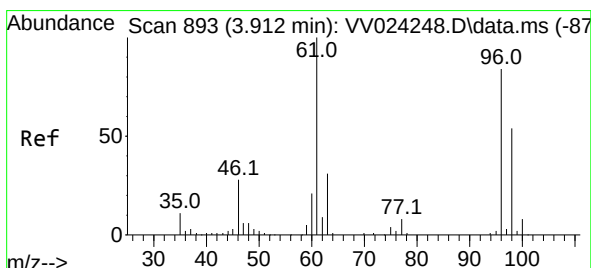
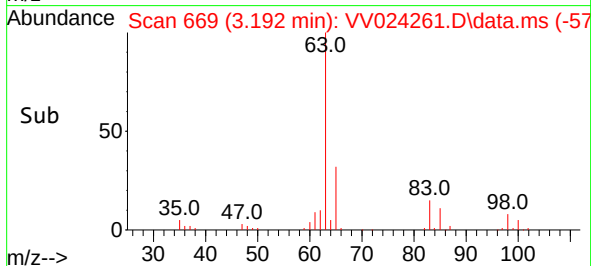
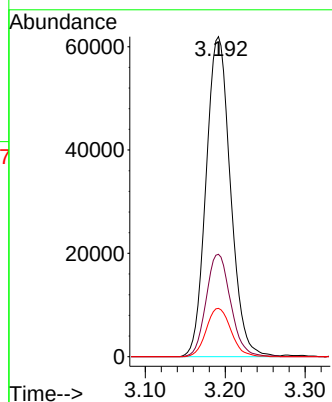
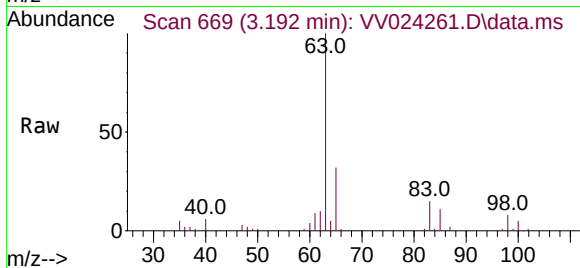
Tgt Ion: 63 Resp: 131355

Ion Ratio Lower Upper

63 100

65 32.0 22.4 41.6

83 15.1 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 50.314 ug/L

RT: 3.912 min Scan# 893

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

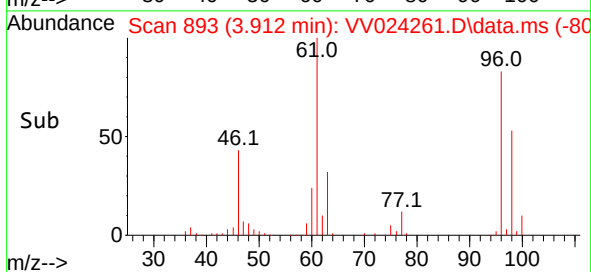
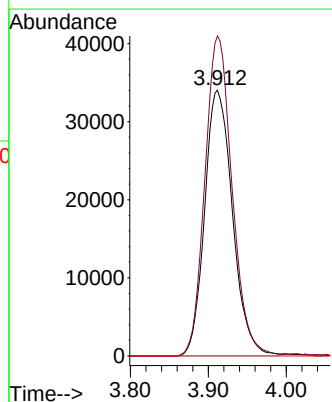
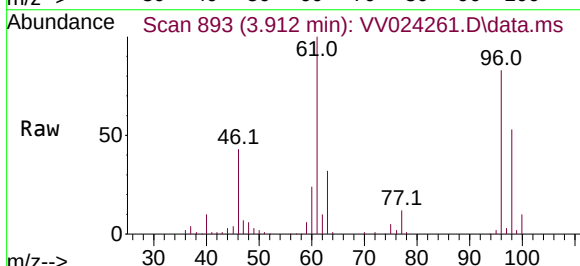
Tgt Ion: 96 Resp: 84583

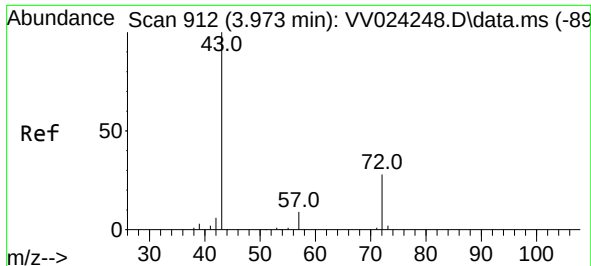
Ion Ratio Lower Upper

96 100

61 120.4 82.9 153.9

68 0.0 0.0 0.0

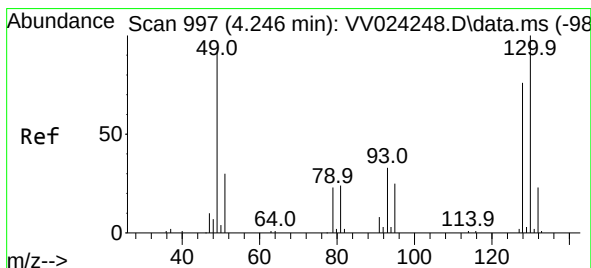
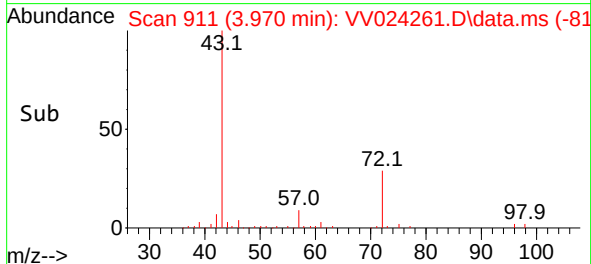
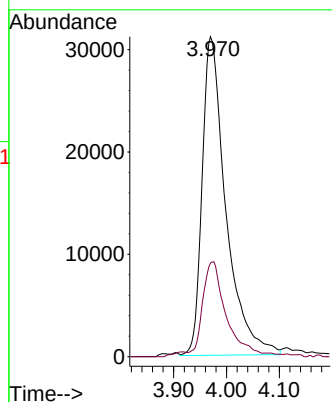
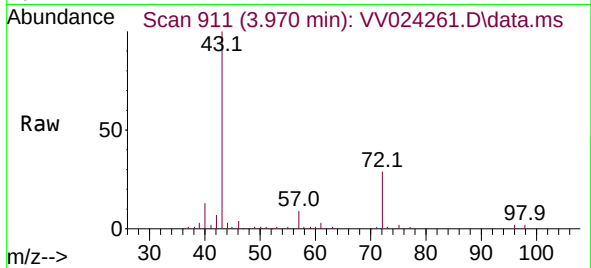




#22
2-Butanone
Concen: 92.071 ug/L
RT: 3.970 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

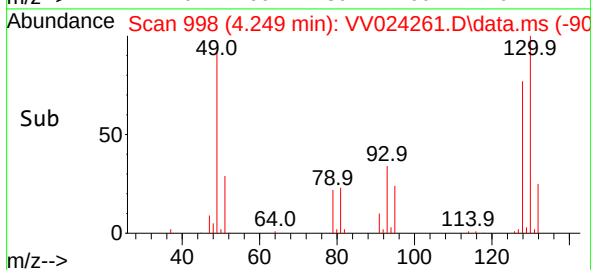
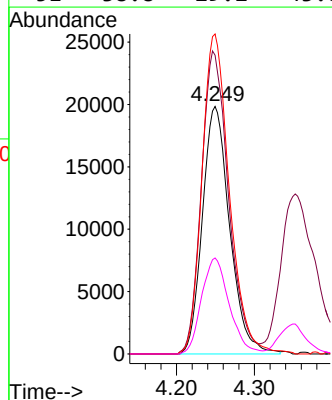
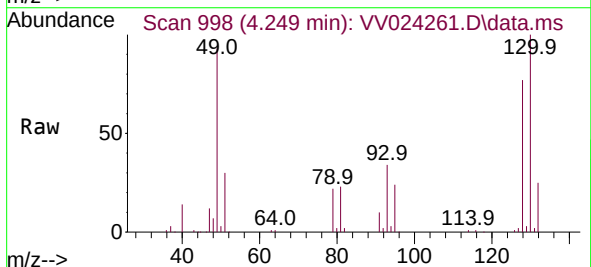
Instrument :
MSVOA_V
ClientSampleId :

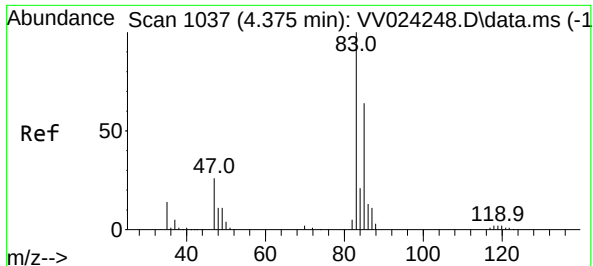
Tgt Ion: 43 Resp: 97100
Ion Ratio Lower Upper
43 100
72 27.3 14.9 44.9



#23
Bromochloromethane
Concen: 49.779 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.003 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion:128 Resp: 48219
Ion Ratio Lower Upper
128 100
49 120.7 83.1 154.3
130 129.3 87.0 161.6
51 38.8 29.2 43.8





#25

Chloroform

Concen: 49.372 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

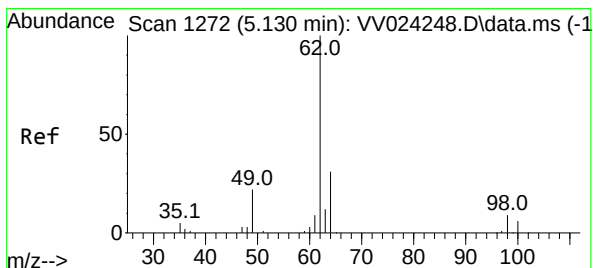
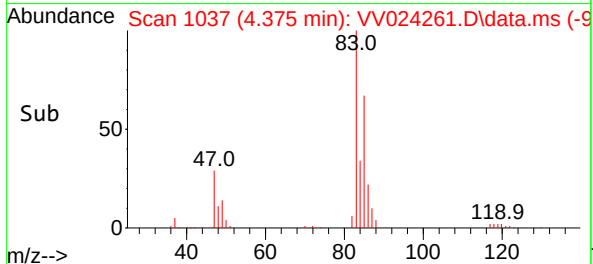
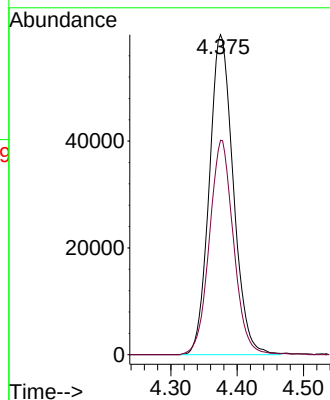
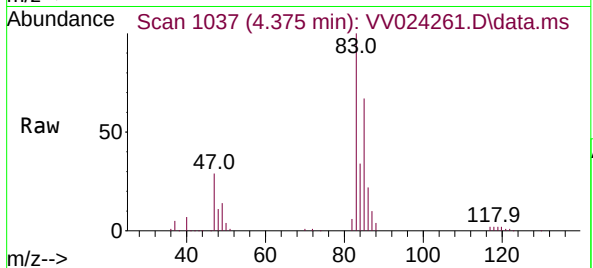
ClientSampleId :

Tgt Ion: 83 Resp: 150711

Ion Ratio Lower Upper

83 100

85 67.0 46.3 85.9



#27

1,2-Dichloroethane

Concen: 50.101 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV024261.D

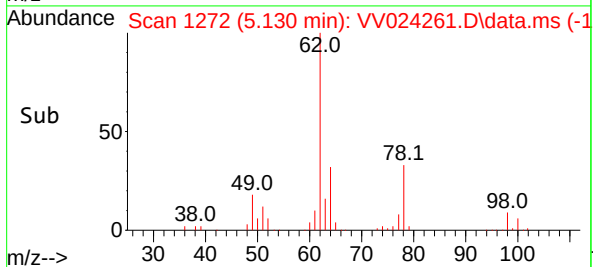
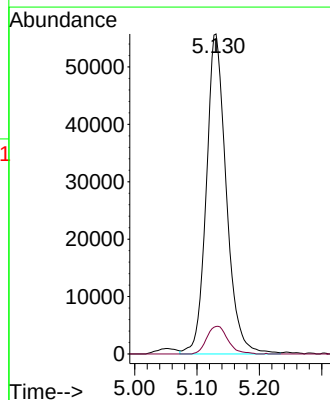
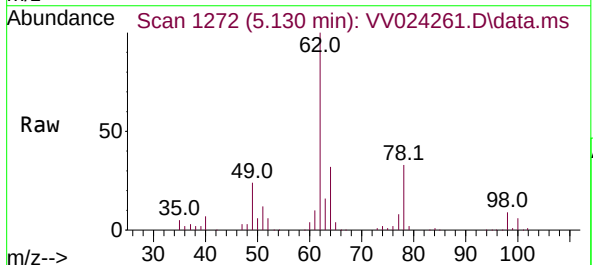
Acq: 31 Dec 2021 03:45

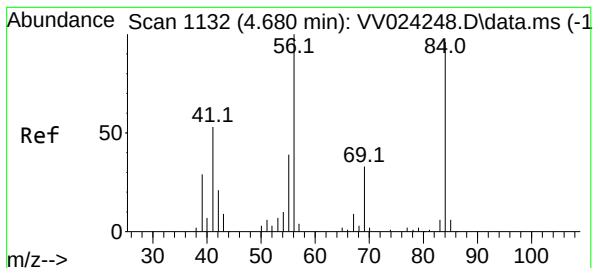
Tgt Ion: 62 Resp: 124392

Ion Ratio Lower Upper

62 100

98 8.6 7.1 10.7





#29

Cyclohexane

Concen: 48.507 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :

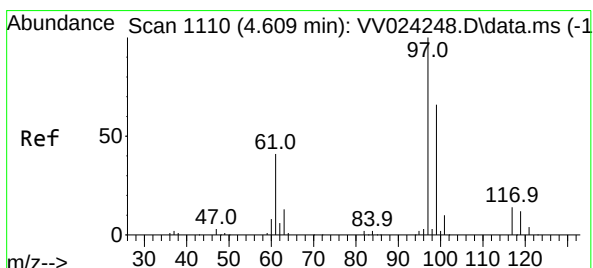
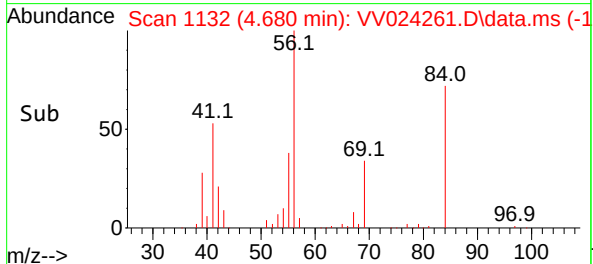
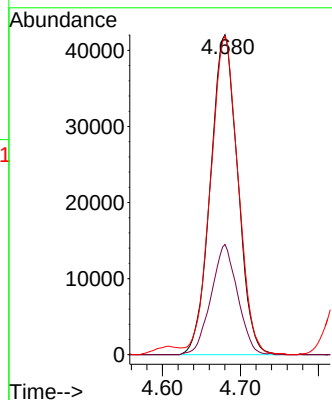
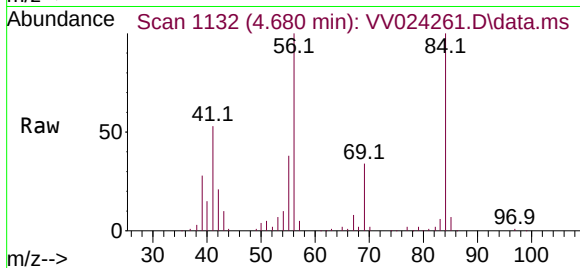
Tgt Ion: 56 Resp: 102363

Ion Ratio Lower Upper

56 100

69 33.4 25.8 38.6

84 99.5 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 50.338 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

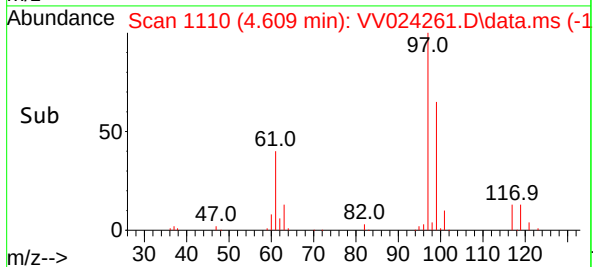
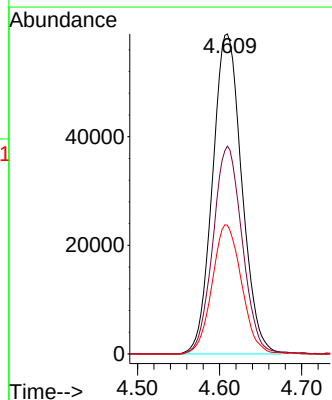
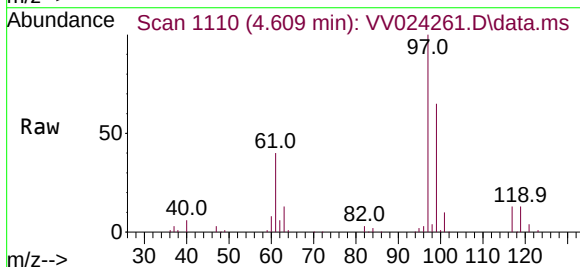
Tgt Ion: 97 Resp: 146215

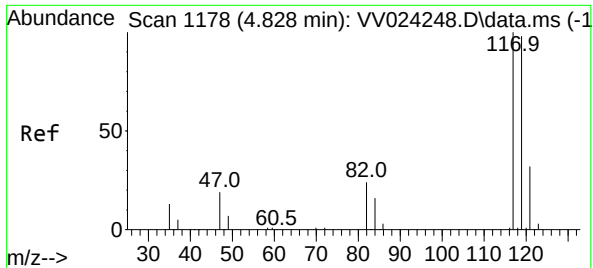
Ion Ratio Lower Upper

97 100

99 64.9 51.2 76.8

61 40.6 33.2 49.8

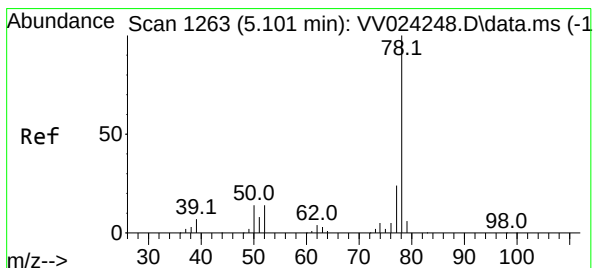
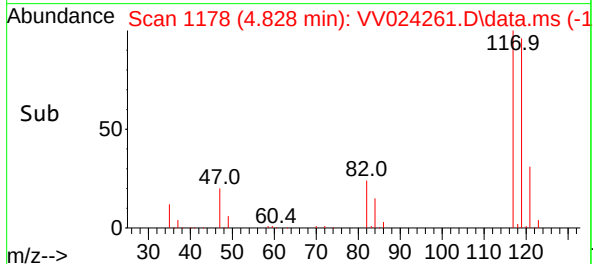
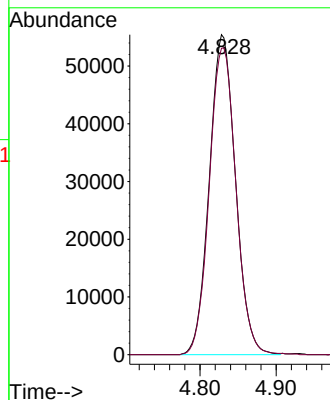
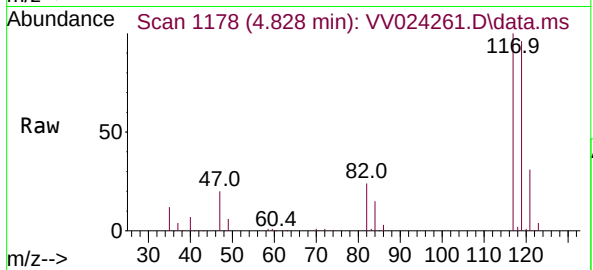




#31
Carbon tetrachloride
Concen: 49.182 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

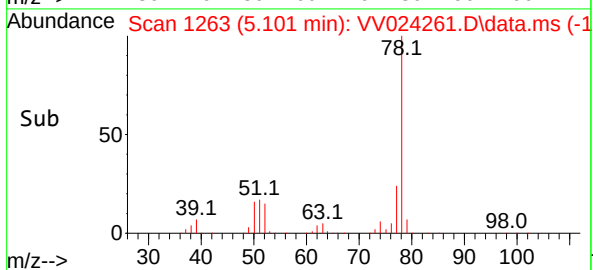
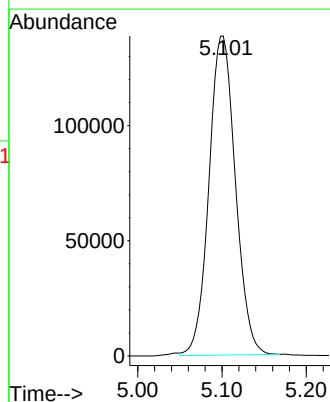
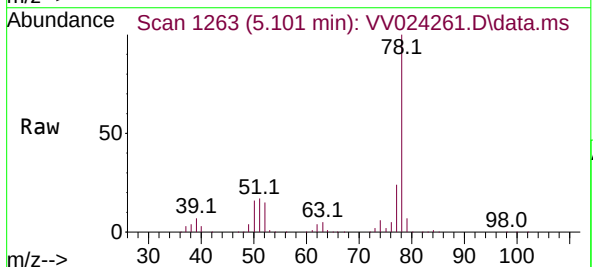
Instrument :
MSVOA_V
ClientSampleId :

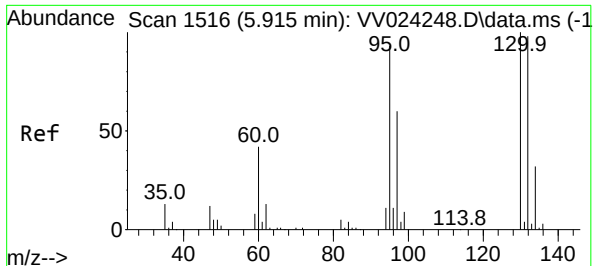
Tgt Ion:117 Resp: 132531
Ion Ratio Lower Upper
117 100
119 97.7 76.9 115.3



#33
Benzene
Concen: 50.331 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 78 Resp: 302121

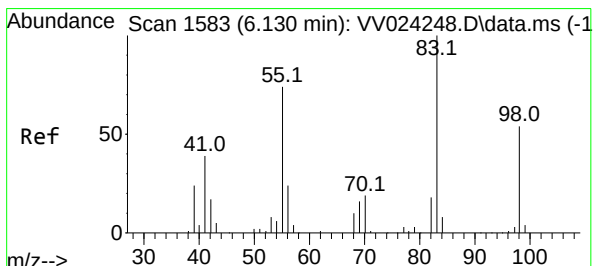
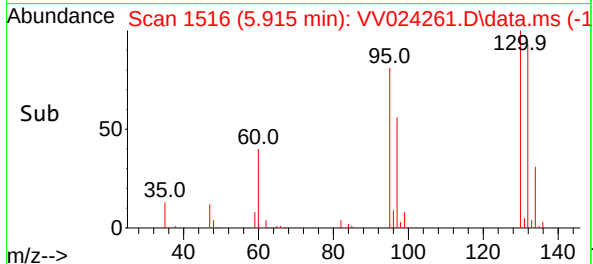
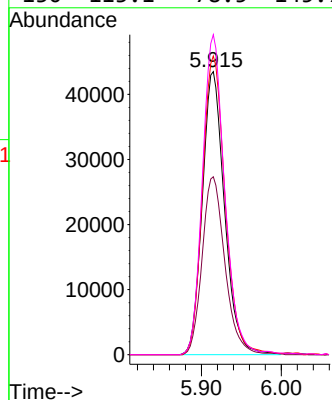
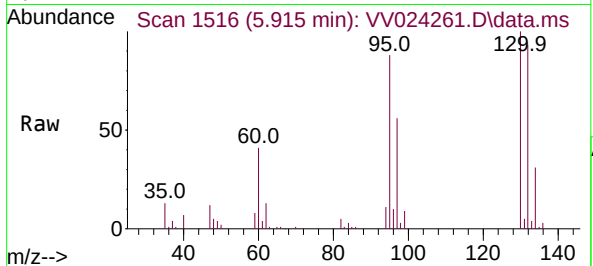




#34
Trichloroethene
Concen: 50.856 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

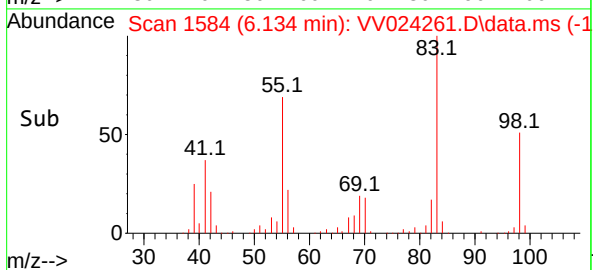
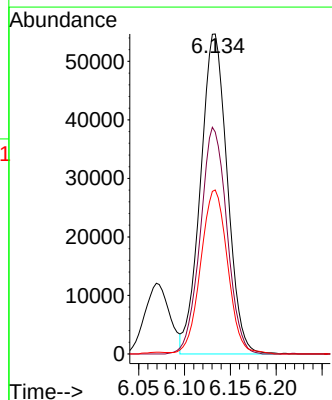
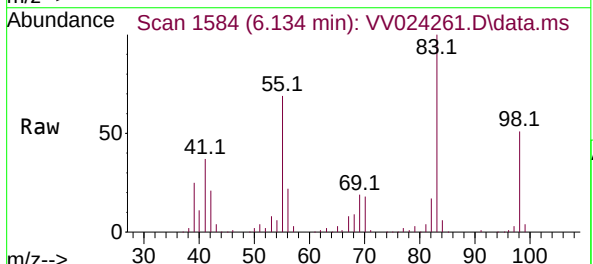
Instrument :
MSVOA_V
ClientSampleId :

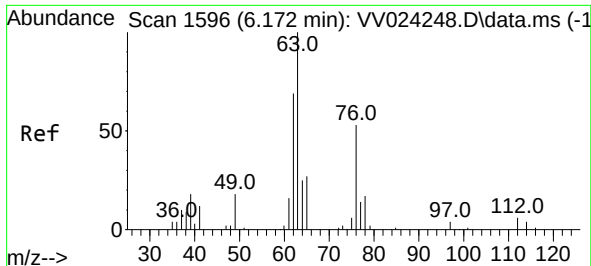
Tgt Ion: 95 Resp: 84182
Ion Ratio Lower Upper
95 100
97 62.8 44.1 81.9
132 105.6 75.1 139.5
130 113.1 78.5 145.7



#35
Methylcyclohexane
Concen: 45.248 ug/L
RT: 6.134 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 83 Resp: 111081
Ion Ratio Lower Upper
83 100
55 70.4 55.6 83.4
98 51.6 41.3 61.9





#37

1,2-Dichloropropane

Concen: 49.828 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

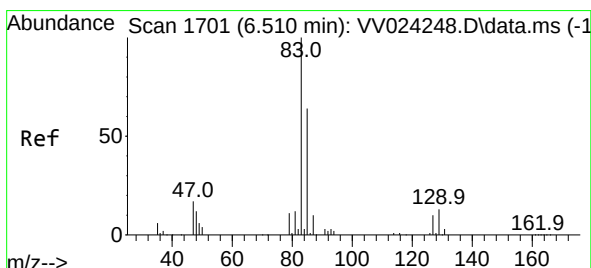
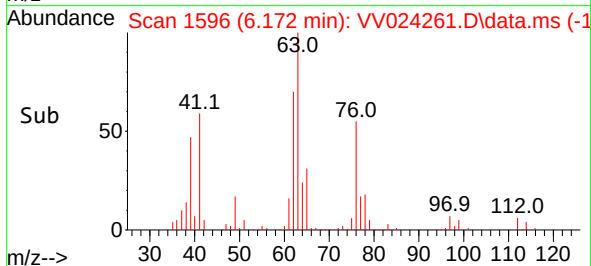
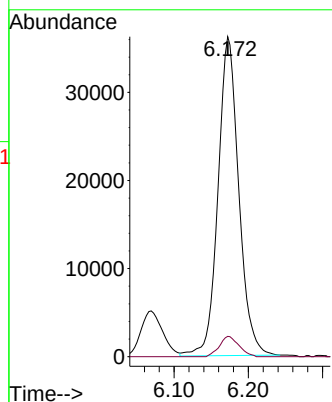
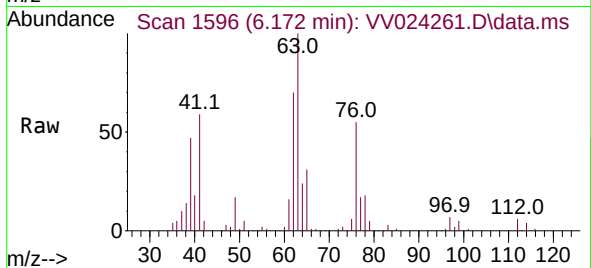
ClientSampleId :

Tgt Ion: 63 Resp: 70351

Ion Ratio Lower Upper

63 100

112 6.0 4.7 7.1



#38

Bromodichloromethane

Concen: 50.518 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

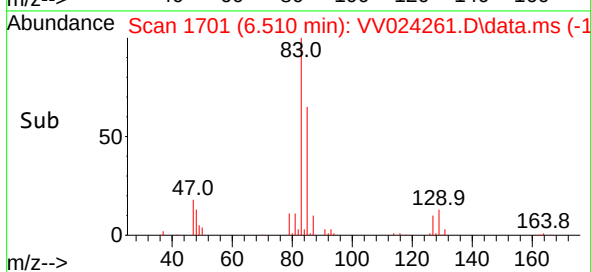
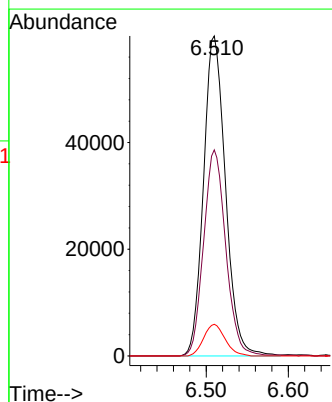
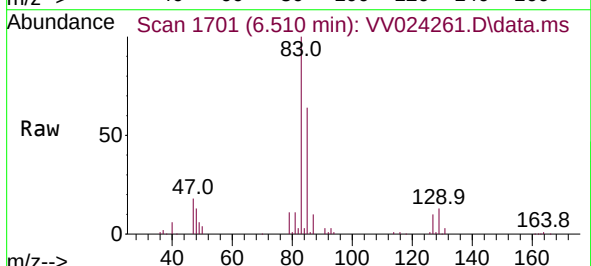
Tgt Ion: 83 Resp: 111926

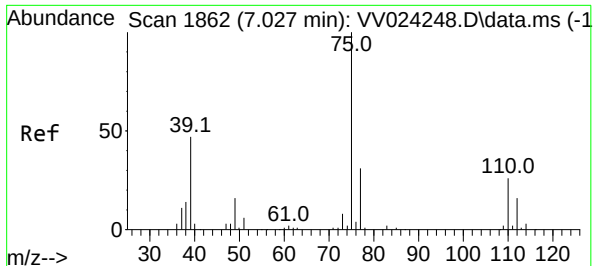
Ion Ratio Lower Upper

83 100

85 64.4 45.2 84.0

127 9.9 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 51.933 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

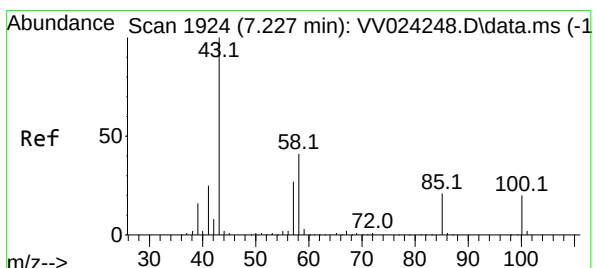
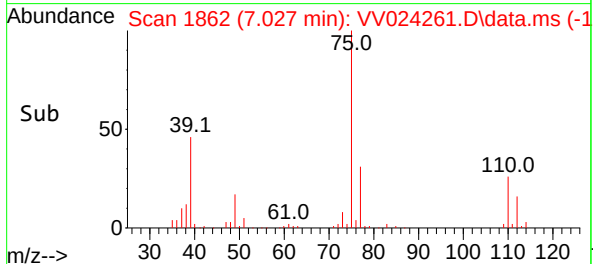
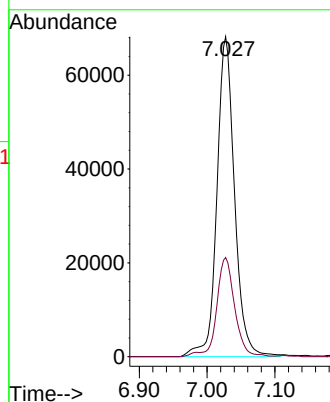
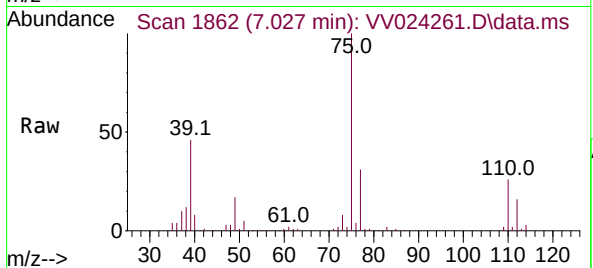
ClientSampleId :

Tgt Ion: 75 Resp: 123256

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 103.244 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

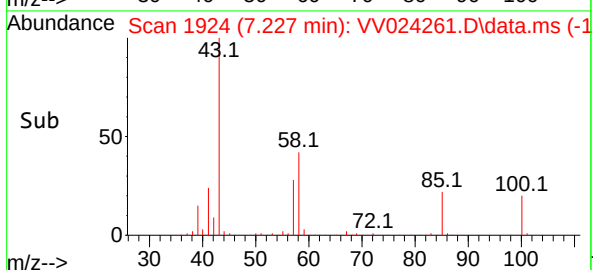
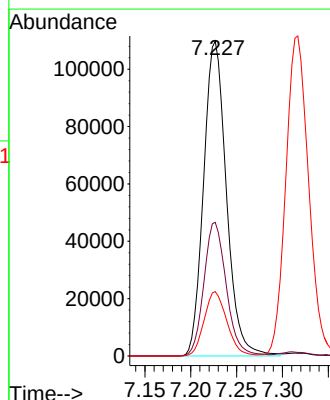
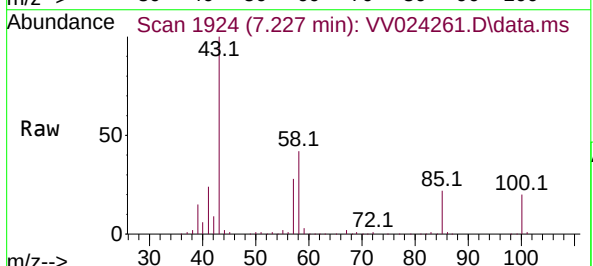
Tgt Ion: 43 Resp: 190080

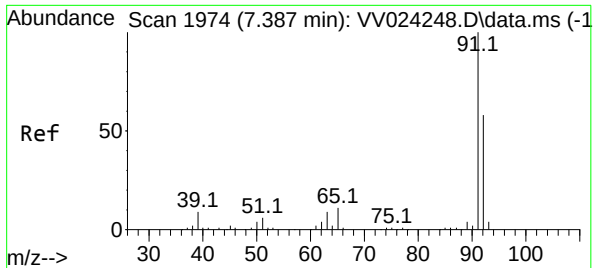
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4

100 20.3 16.0 24.0





#42

Toluene

Concen: 51.556 ug/L

RT: 7.388 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

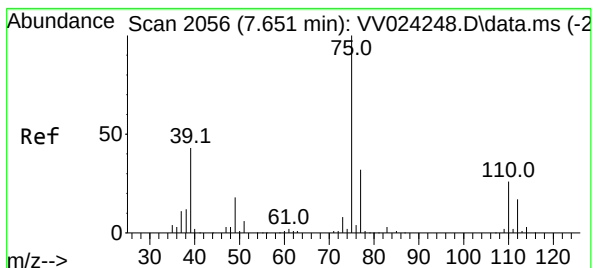
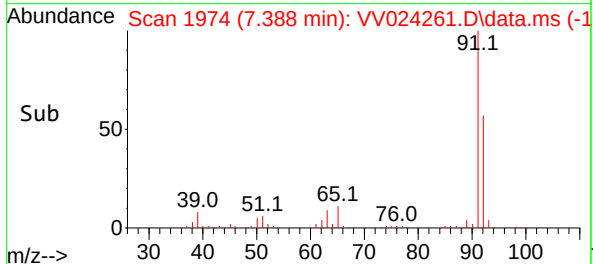
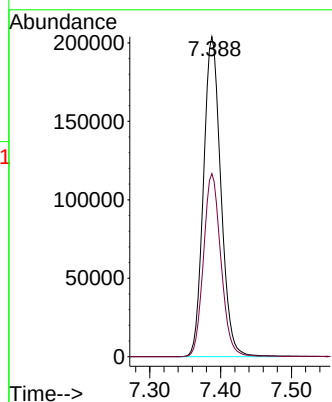
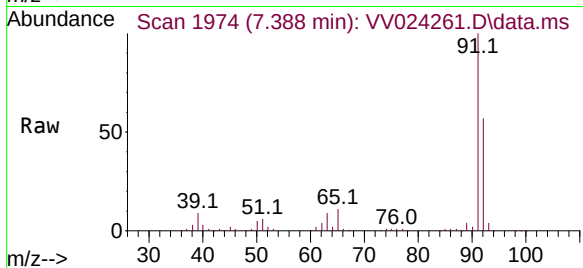
ClientSampleId :

Tgt Ion: 91 Resp: 347390

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 50.701 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024261.D

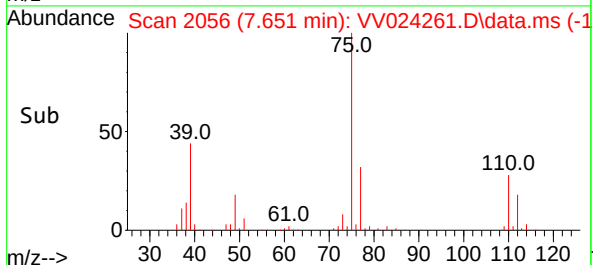
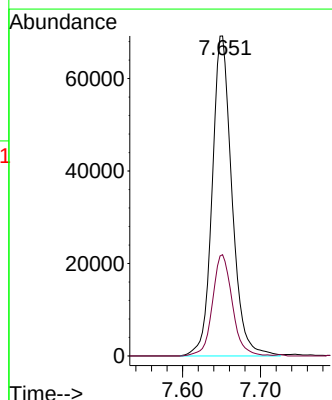
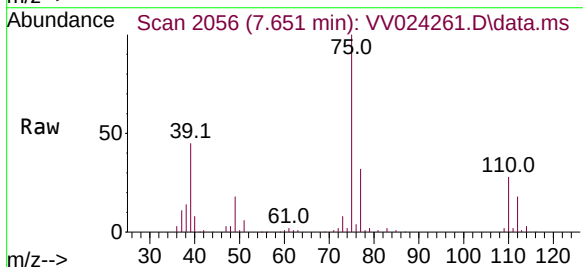
Acq: 31 Dec 2021 03:45

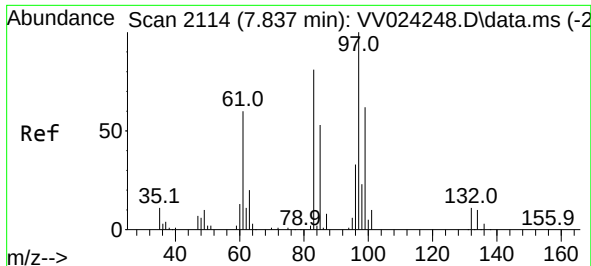
Tgt Ion: 75 Resp: 122066

Ion Ratio Lower Upper

75 100

77 31.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 49.504 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 78354

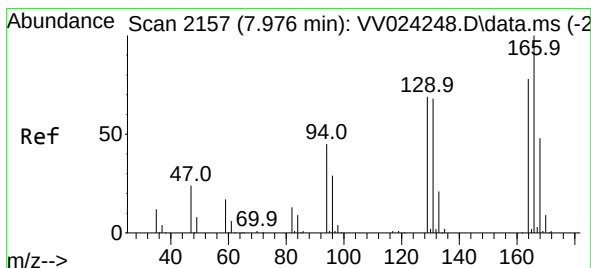
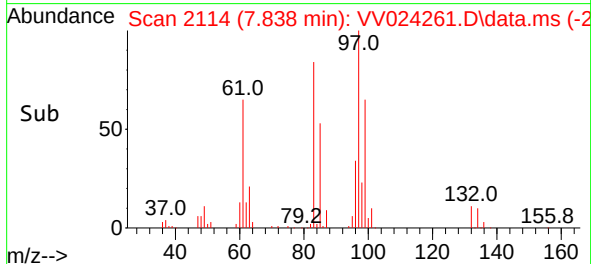
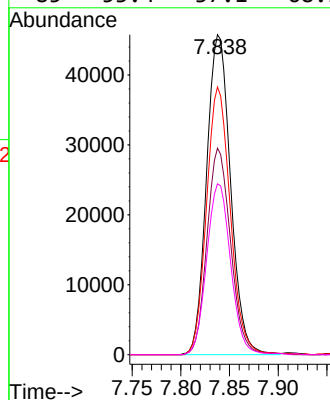
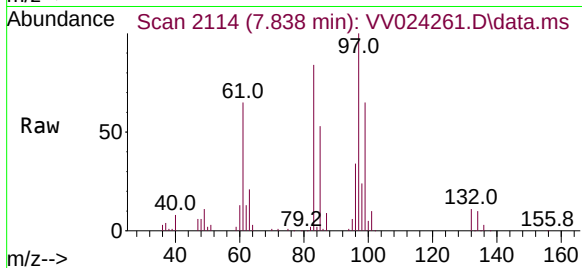
Ion Ratio Lower Upper

97 100

99 64.5 42.4 78.8

83 83.6 57.9 107.5

85 53.4 37.1 68.9



#46

Tetrachloroethene

Concen: 49.775 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Tgt Ion:164 Resp: 74992

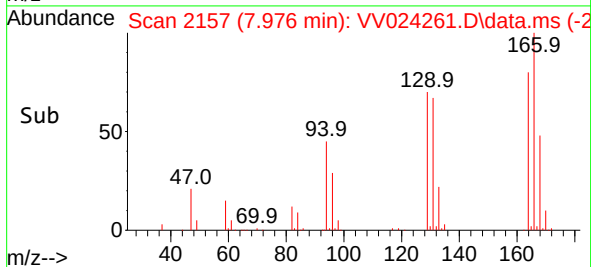
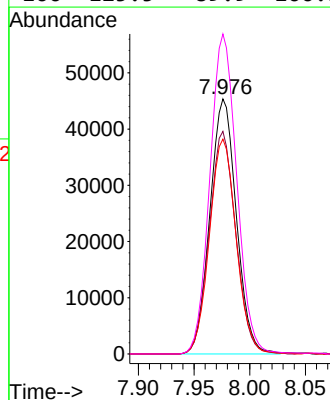
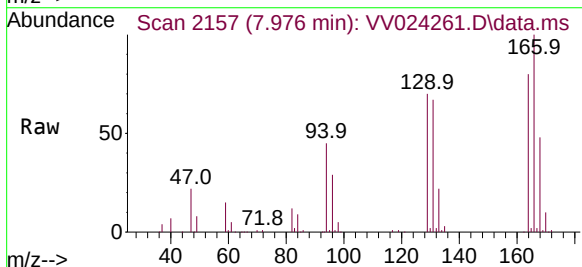
Ion Ratio Lower Upper

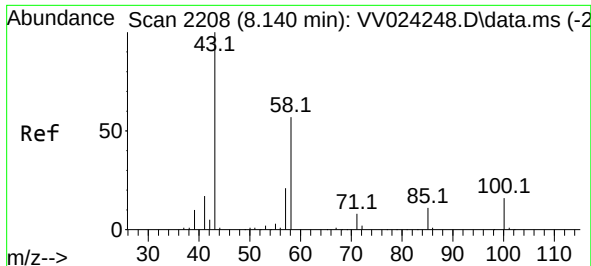
164 100

129 87.3 61.5 114.1

131 84.3 62.2 115.4

166 125.5 89.9 166.9



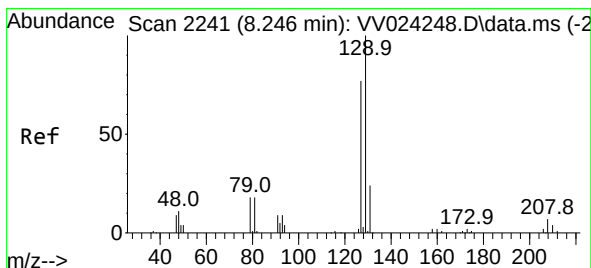
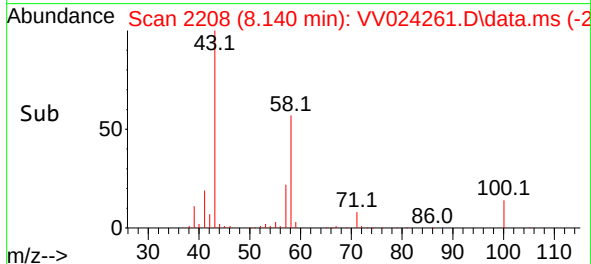
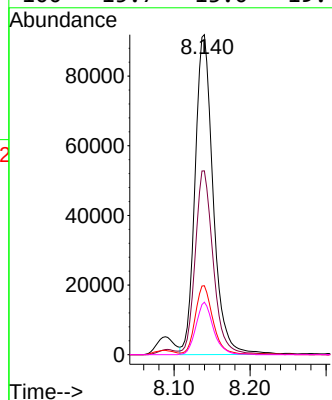
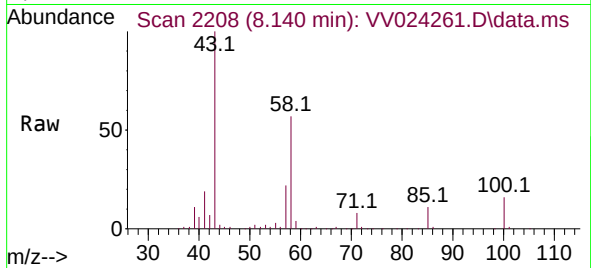


#48
2-Hexanone
Concen: 103.051 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 152386

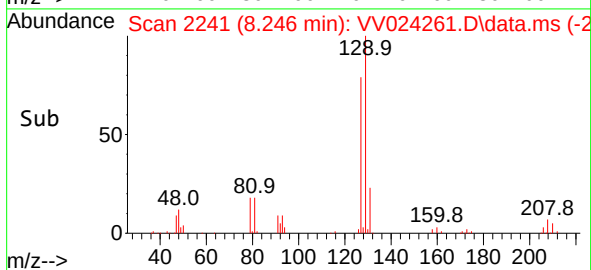
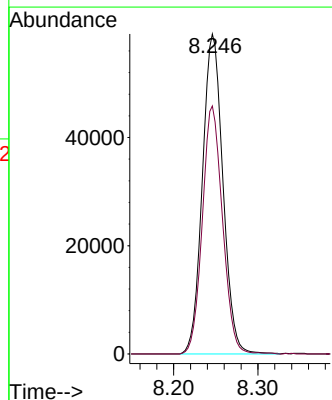
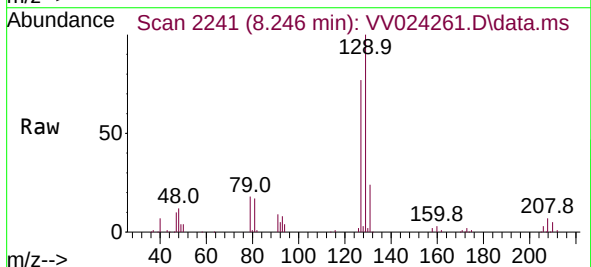
Ion	Ratio	Lower	Upper
43	100		
58	56.7	45.0	67.4
57	20.8	16.9	25.3
100	15.7	13.0	19.4

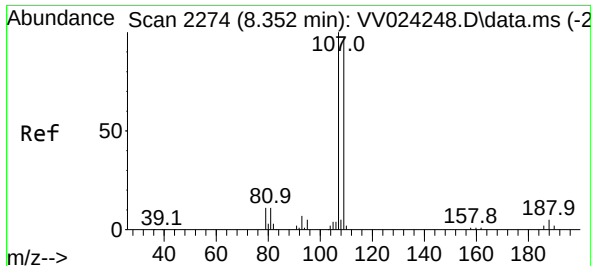


#49
Dibromochloromethane
Concen: 50.535 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 129 Resp: 100261

Ion	Ratio	Lower	Upper
129	100		
127	77.5	53.7	99.7





#50

1,2-Dibromoethane

Concen: 50.108 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024261.D

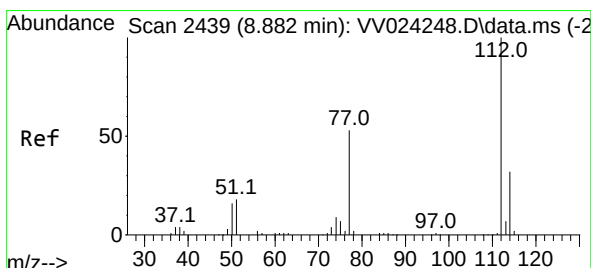
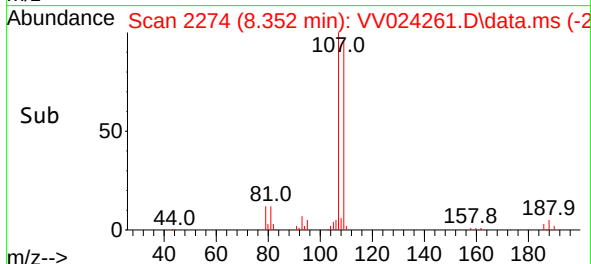
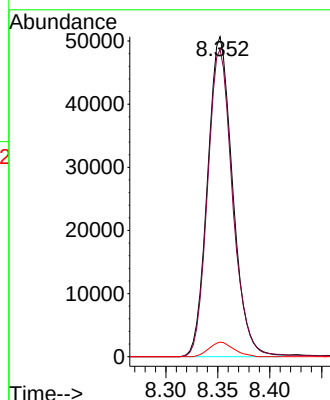
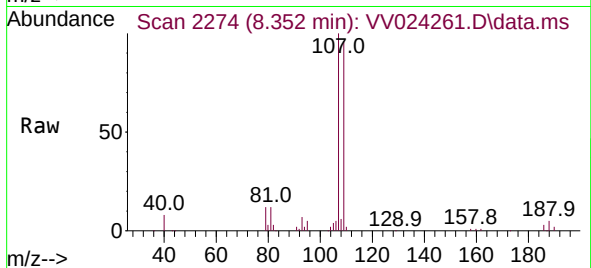
Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	85186
Ion Ratio	Lower	Upper
107	100	
109	96.0	65.8 122.2
188	4.5	3.8 5.6



#51

Chlorobenzene

Concen: 50.161 ug/L

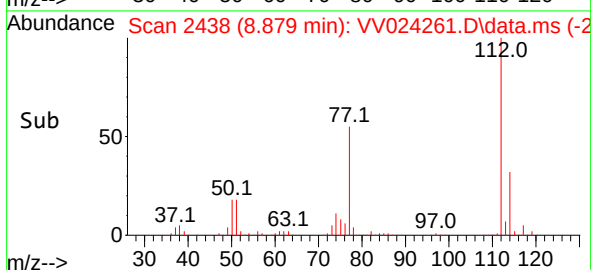
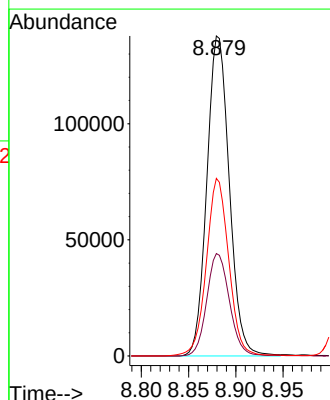
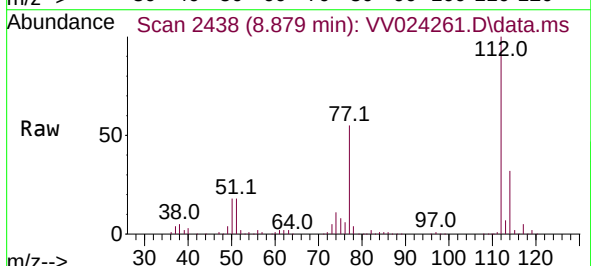
RT: 8.879 min Scan# 2438

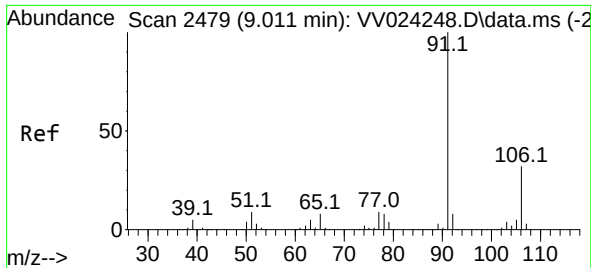
Delta R.T. -0.003 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Tgt Ion:112	Resp:	227654
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.3 41.5
77	55.5	42.8 64.2

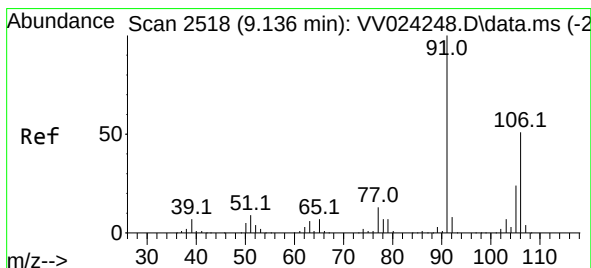
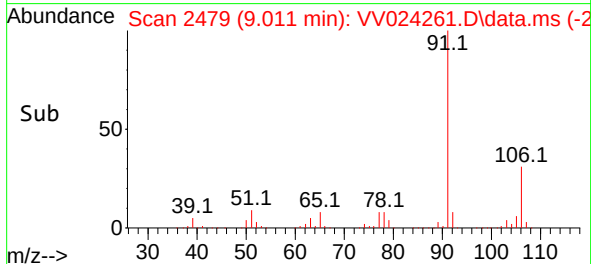
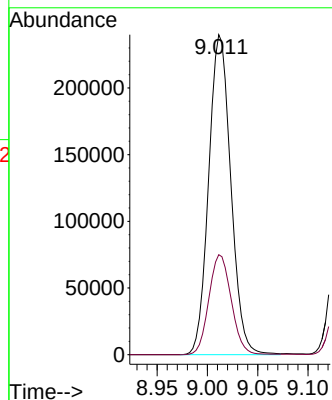
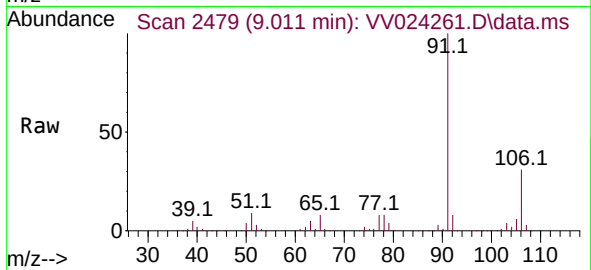




#52
Ethylbenzene
Concen: 51.074 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

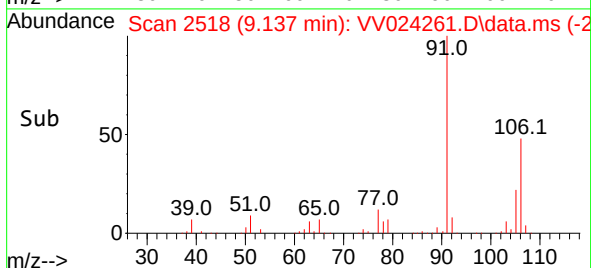
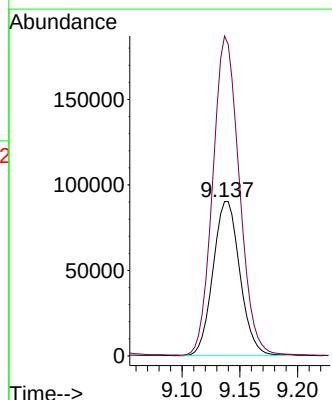
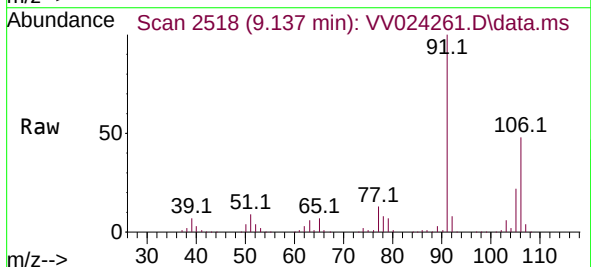
Instrument :
MSVOA_V
ClientSampleId :

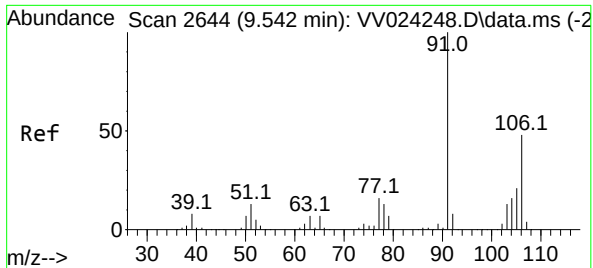
Tgt Ion: 91 Resp: 367653
Ion Ratio Lower Upper
91 100
106 31.3 22.0 41.0



#53
m,p-Xylene
Concen: 50.560 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 106 Resp: 145886
Ion Ratio Lower Upper
106 100
91 207.2 141.8 263.4

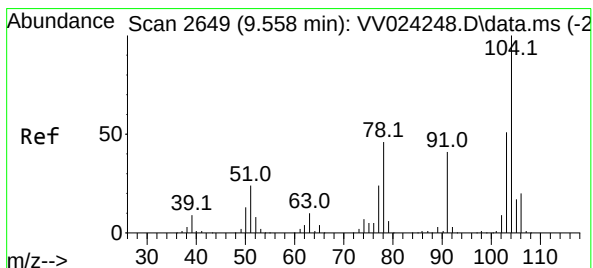
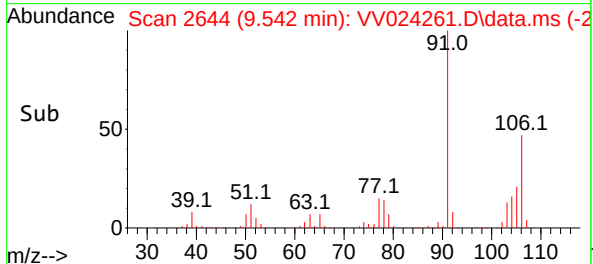
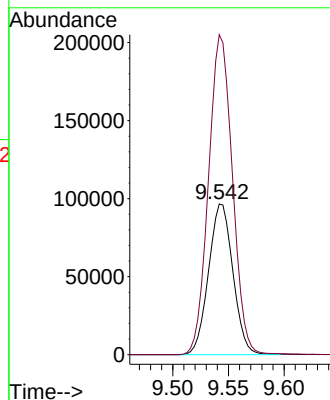
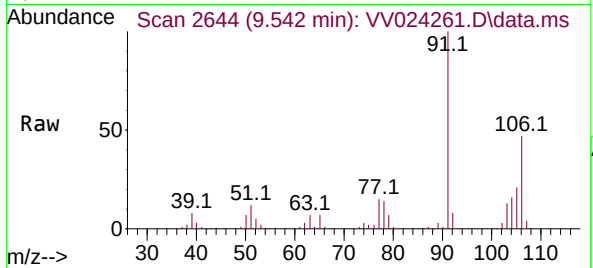




#54
o-Xylene
Concen: 53.338 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

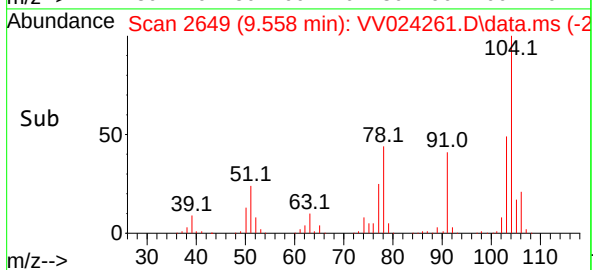
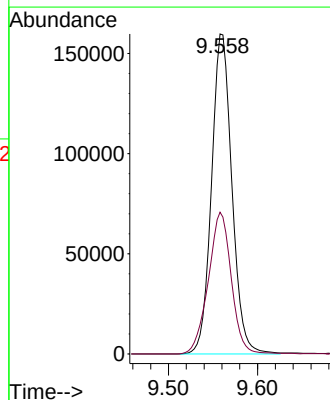
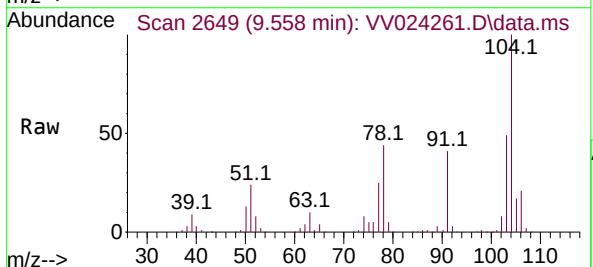
Instrument :
MSVOA_V
ClientSampleId :

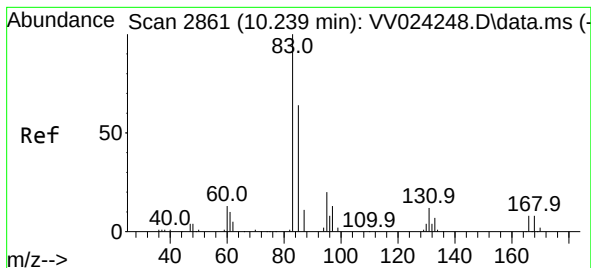
Tgt Ion:106 Resp: 146913
Ion Ratio Lower Upper
106 100
91 212.4 150.9 280.3



#55
Styrene
Concen: 53.098 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion:104 Resp: 253981
Ion Ratio Lower Upper
104 100
78 44.3 31.5 58.5

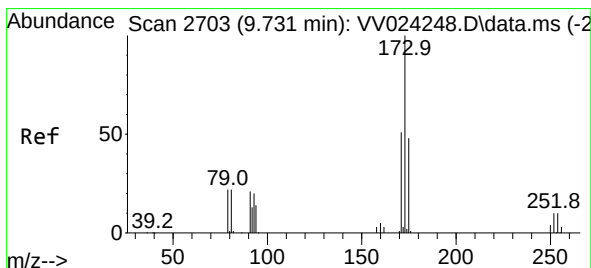
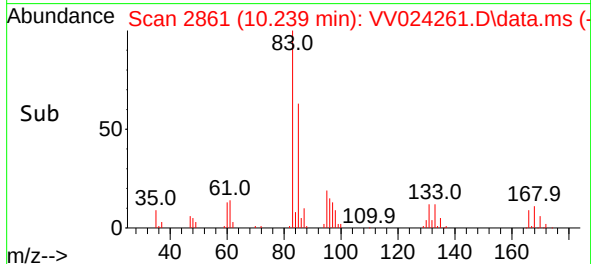
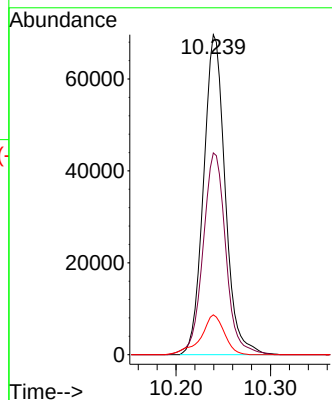
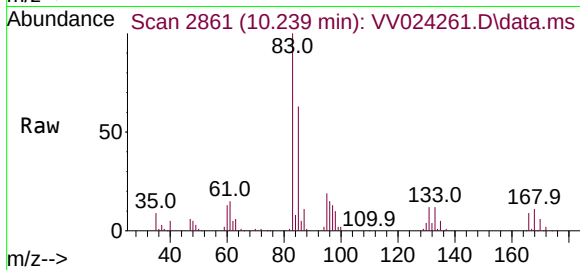




#57
1,1,2,2-Tetrachloroethane
Concen: 47.890 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

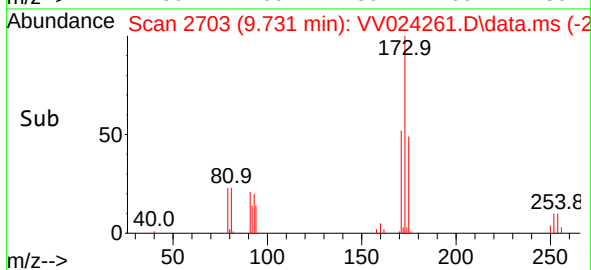
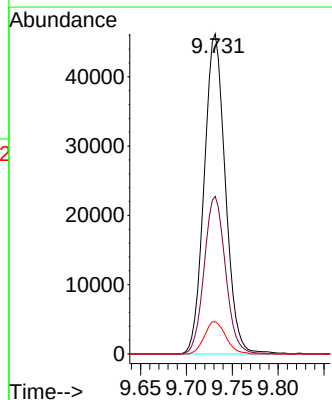
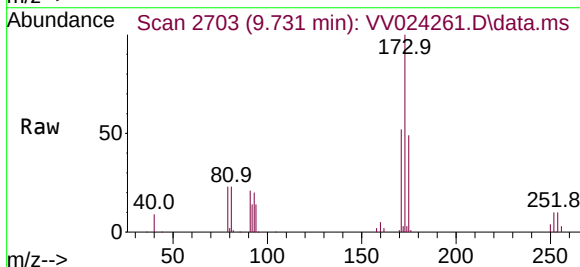
Instrument :
MSVOA_V
ClientSampleId :

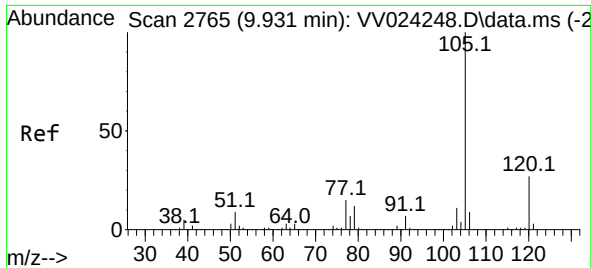
Tgt Ion: 83 Resp: 110682
Ion Ratio Lower Upper
83 100
85 63.1 44.5 82.7
131 12.4 9.2 13.8



#59
Bromoform
Concen: 49.371 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 173 Resp: 74125
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.2
254 10.2 7.8 11.6

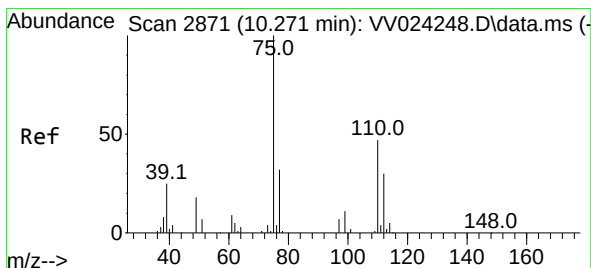
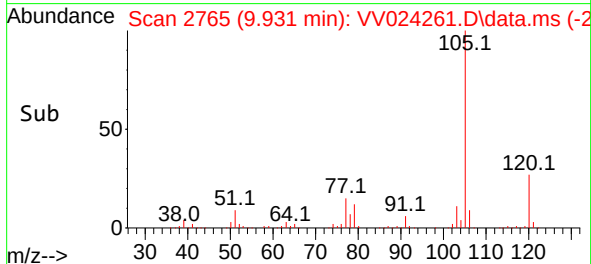
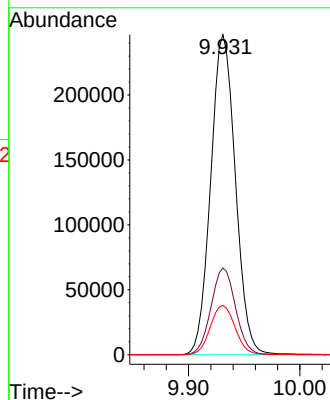
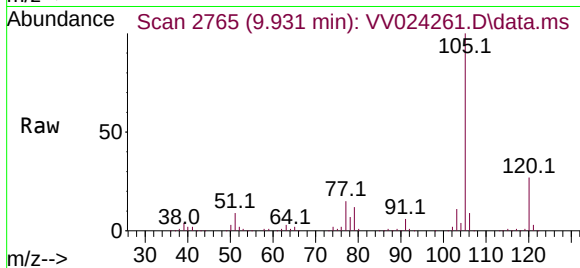




#60
Isopropylbenzene
Concen: 52.030 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

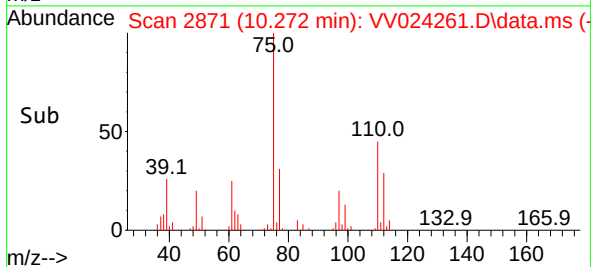
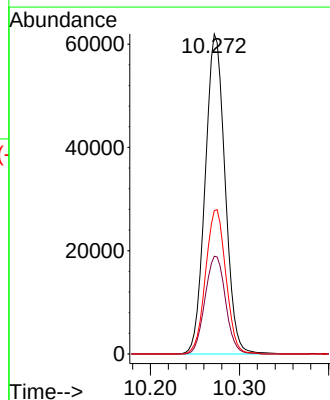
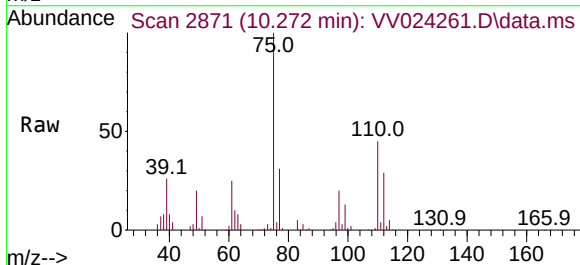
Instrument :
MSVOA_V
ClientSampleId :

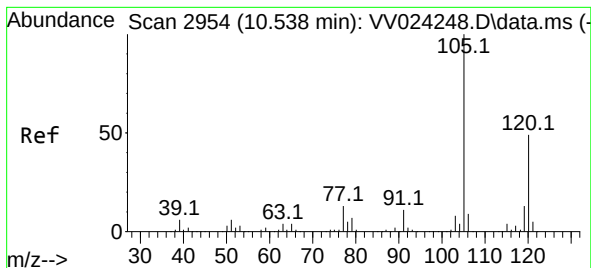
Tgt Ion:105 Resp: 379089
Ion Ratio Lower Upper
105 100
120 26.9 21.9 32.9
77 15.5 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 49.614 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 75 Resp: 95925
Ion Ratio Lower Upper
75 100
77 31.6 26.9 40.3
110 46.0 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 52.968 ug/L

RT: 10.539 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

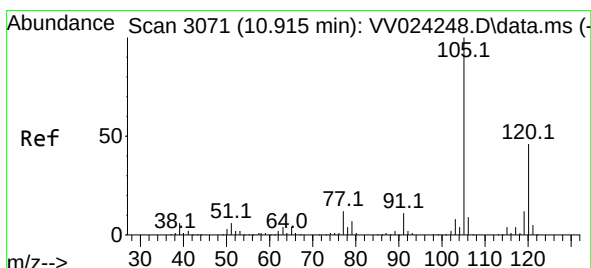
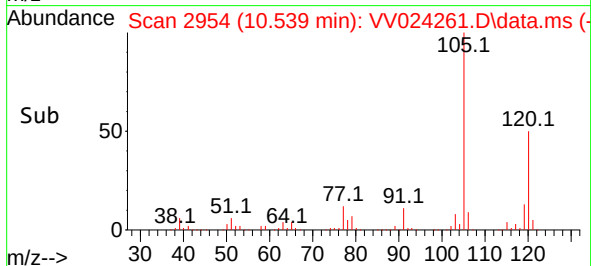
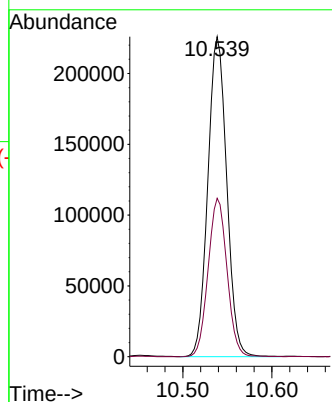
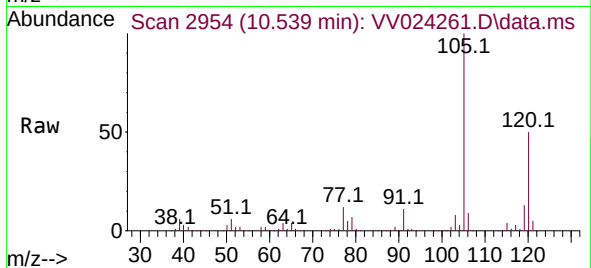
ClientSampleId :

Tgt Ion:105 Resp: 331966

Ion Ratio Lower Upper

105 100

120 49.5 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 53.268 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024261.D

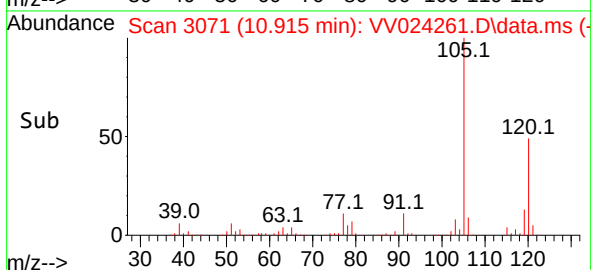
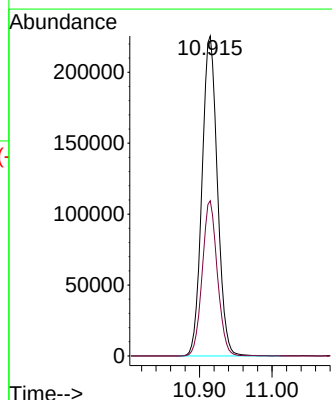
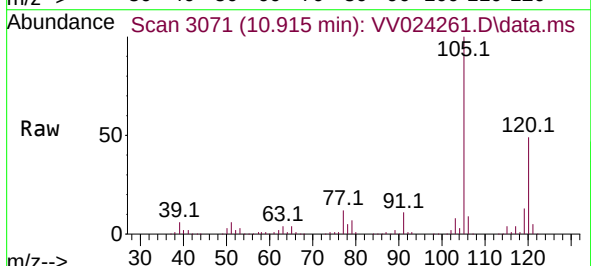
Acq: 31 Dec 2021 03:45

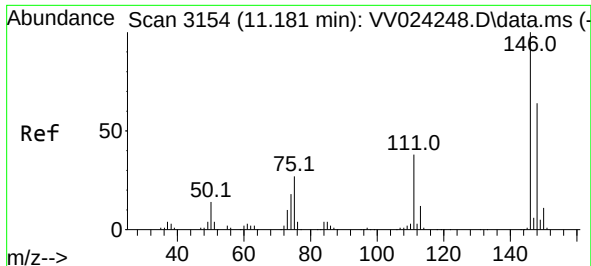
Tgt Ion:105 Resp: 333294

Ion Ratio Lower Upper

105 100

120 47.5 36.6 55.0

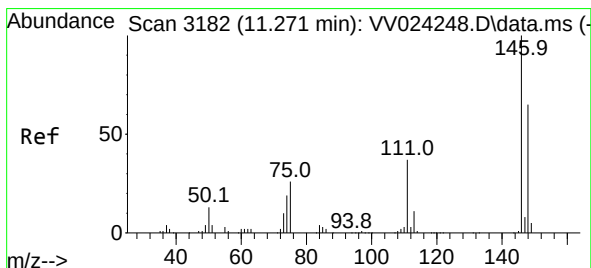
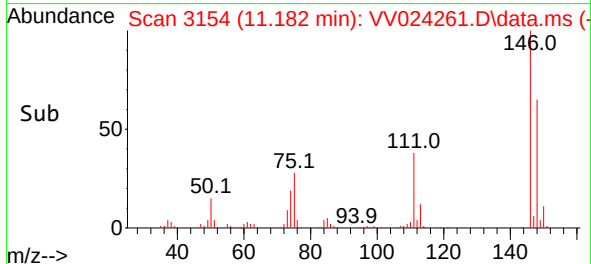
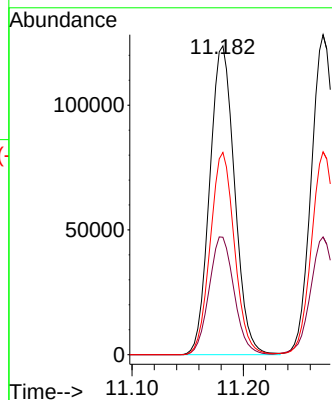
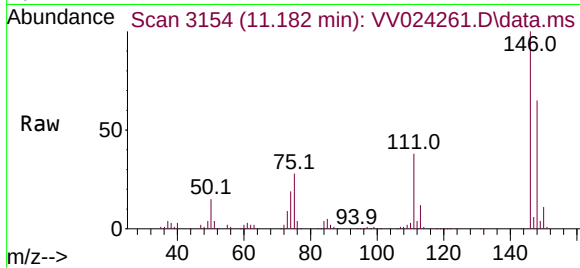




#64
1,3-Dichlorobenzene
Concen: 51.282 ug/L
RT: 11.182 min Scan# 3154
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

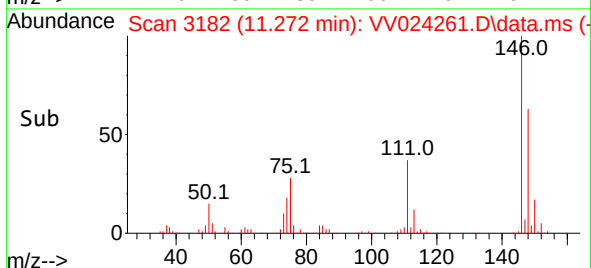
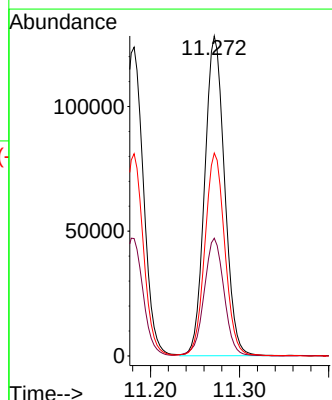
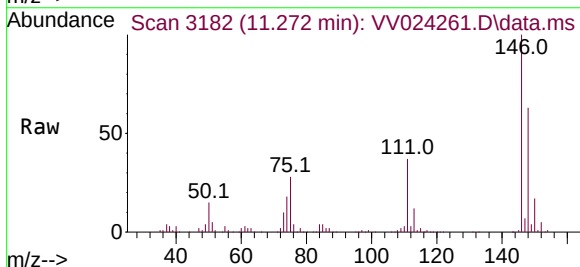
Instrument :
MSVOA_V
ClientSampleId :

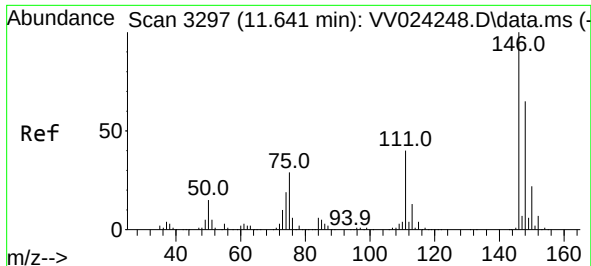
Tgt Ion:146 Resp: 192650
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 65.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 51.190 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion:146 Resp: 198320
Ion Ratio Lower Upper
146 100
111 36.8 26.5 49.3
148 63.4 44.9 83.5

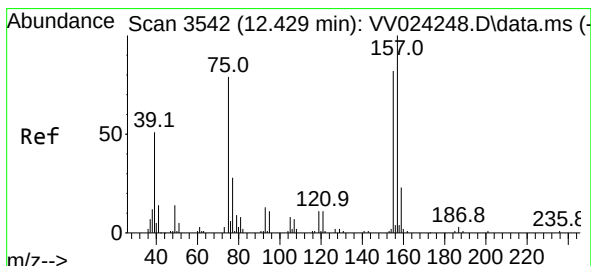
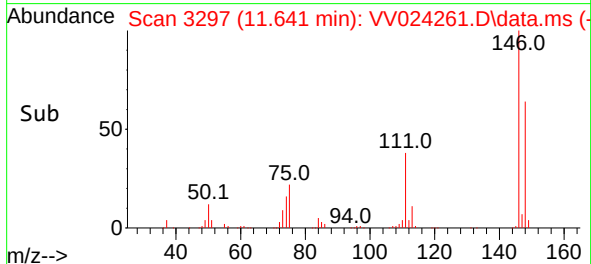
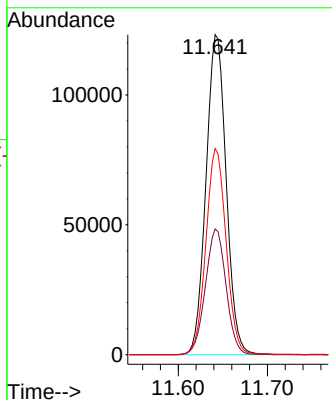
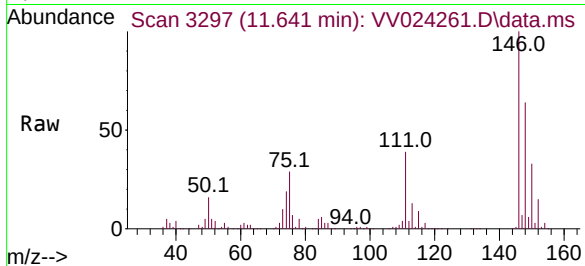




#67
1,2-Dichlorobenzene
Concen: 50.063 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

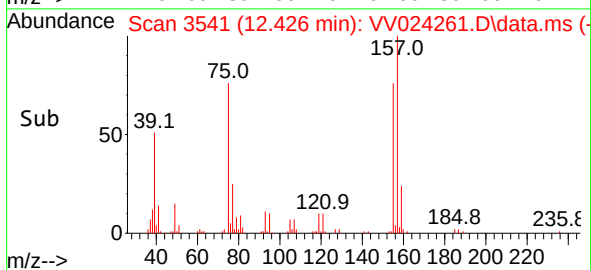
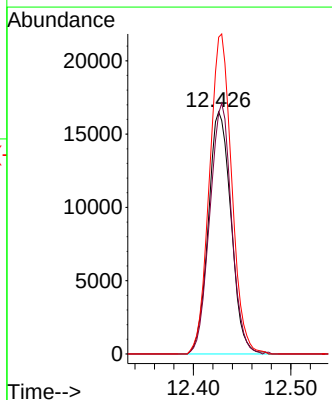
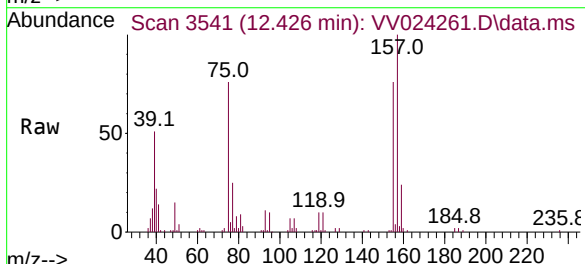
Instrument :
MSVOA_V
ClientSampleId :

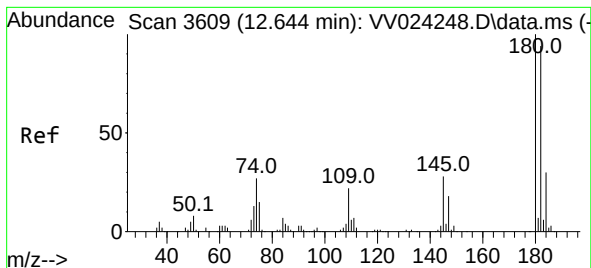
Tgt Ion:146 Resp: 193830
Ion Ratio Lower Upper
146 100
111 39.3 32.0 48.0
148 64.4 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 47.862 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion: 75 Resp: 26652
Ion Ratio Lower Upper
75 100
155 99.5 73.2 109.8
157 130.9 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 50.305 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

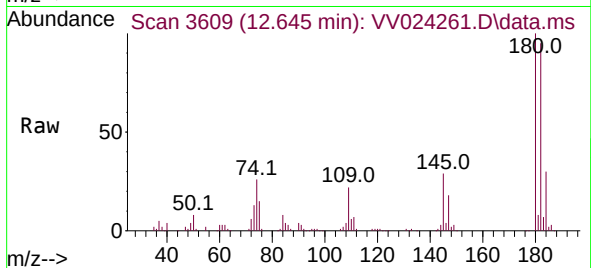
Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 145360

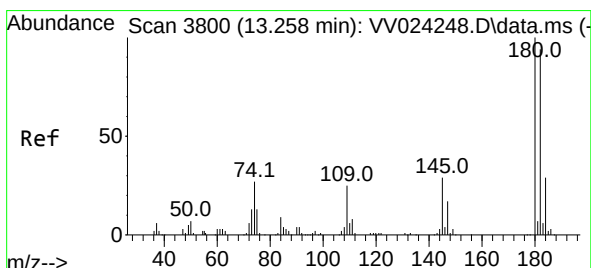
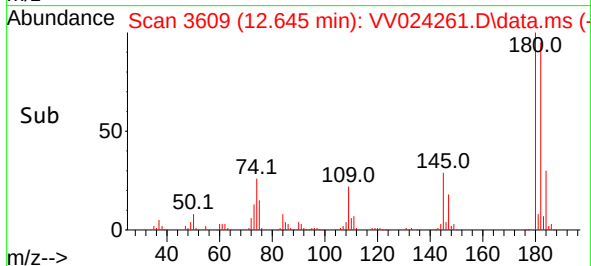
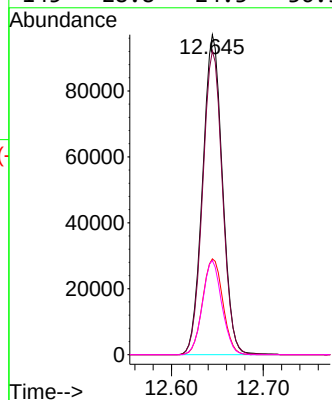
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.2

184 30.6 24.7 37.1

145 28.8 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 51.853 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024261.D

Acq: 31 Dec 2021 03:45

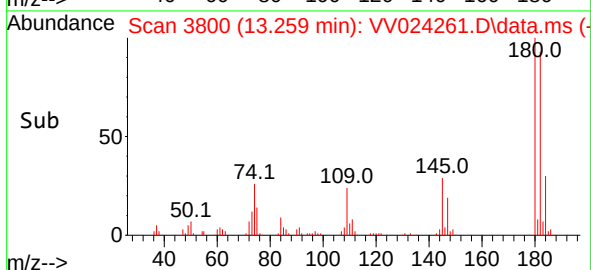
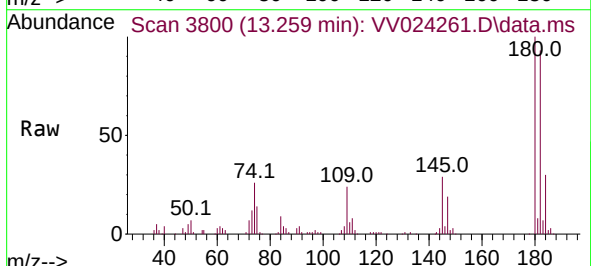
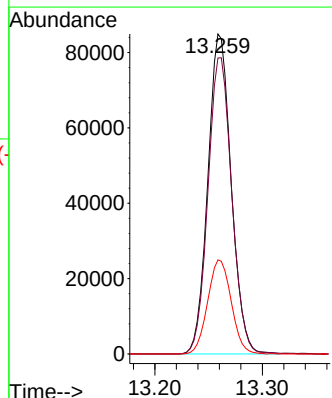
Tgt Ion:180 Resp: 128142

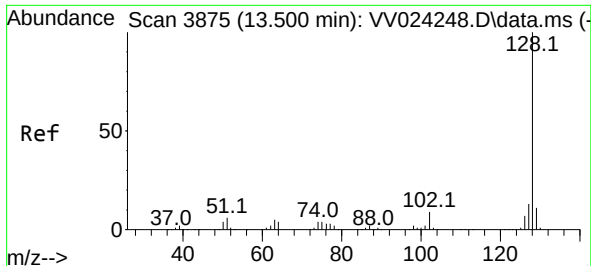
Ion Ratio Lower Upper

180 100

182 94.5 75.6 113.4

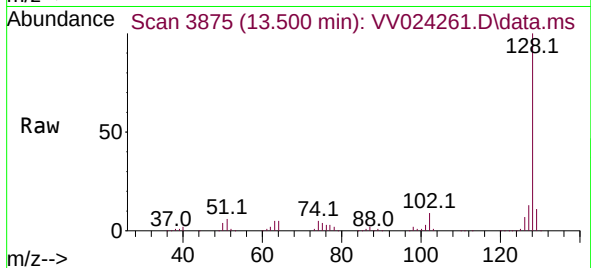
145 29.7 23.9 35.9





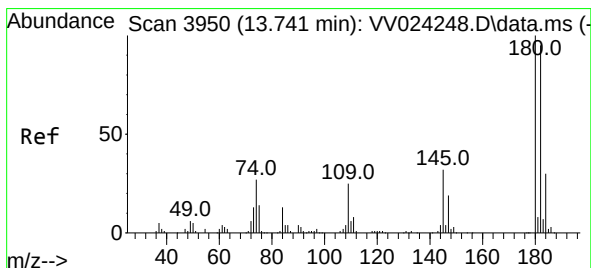
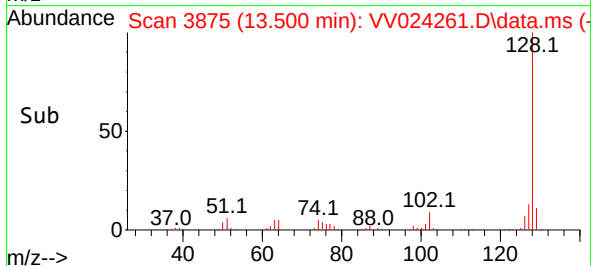
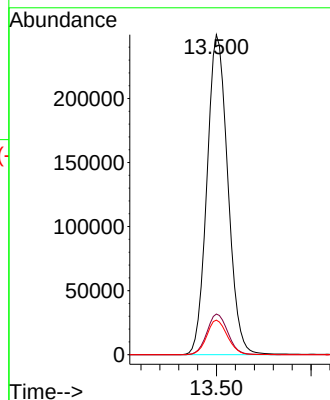
#71
Naphthalene
Concen: 53.476 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 382348

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	16.0
129	10.7	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.542 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV024261.D
Acq: 31 Dec 2021 03:45

Tgt Ion:180 Resp: 134200

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.1	114.1
145	31.7	25.0	37.4

