

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025035.D
 Acq On : 16 Mar 2022 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 01:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 16 05:10:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	156057	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146337	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71069	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55837	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.568	69	43555	4.828	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.111	63	97489	4.896	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.000%
20) 2-Butanone-d5	3.892	46	86438	58.052	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.100%
24) Chloroform-d	4.346	84	101251	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.027	65	43149	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.047	84	204502	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.066	67	59625	4.884	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.310	98	184918	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
43) trans-1,3-Dichloroprop...	7.619	79	19752	4.642	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.085	63	72455	49.917	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36672	5.107	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	57639	4.791	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	75288	5.460	ug/L	100
3) Chloromethane	1.243	50	68291	5.251	ug/L	99
5) Vinyl chloride	1.310	62	74741	5.447	ug/L	99
6) Bromomethane	1.523	94	47906	5.403	ug/L	99
8) Chloroethane	1.587	64	44782	5.383	ug/L	100
9) Trichlorofluoromethane	1.754	101	102546	5.495	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	59246	5.855	ug/L	99
12) 1,1-Dichloroethene	2.118	96	54853	5.518	ug/L	94
13) Acetone	2.188	43	61167	61.424	ug/L	81
14) Carbon disulfide	2.294	76	182625	5.134	ug/L	99
15) Methyl Acetate	2.442	43	15671	5.744	ug/L	97
16) Methylene chloride	2.507	84	62625	5.199	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	114107	5.269	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	63815	5.334	ug/L	96
19) 1,1-Dichloroethane	3.188	63	111701	5.486	ug/L	98
21) 2-Butanone	3.976	43	94003	59.809	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	65276	5.404	ug/L	94
23) Bromochloromethane	4.243	128	26018	5.463	ug/L	96
25) Chloroform	4.371	83	113597	5.358	ug/L	98

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Instrument :
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 ClientSampleId :

Quant Time: Mar 17 01:52:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

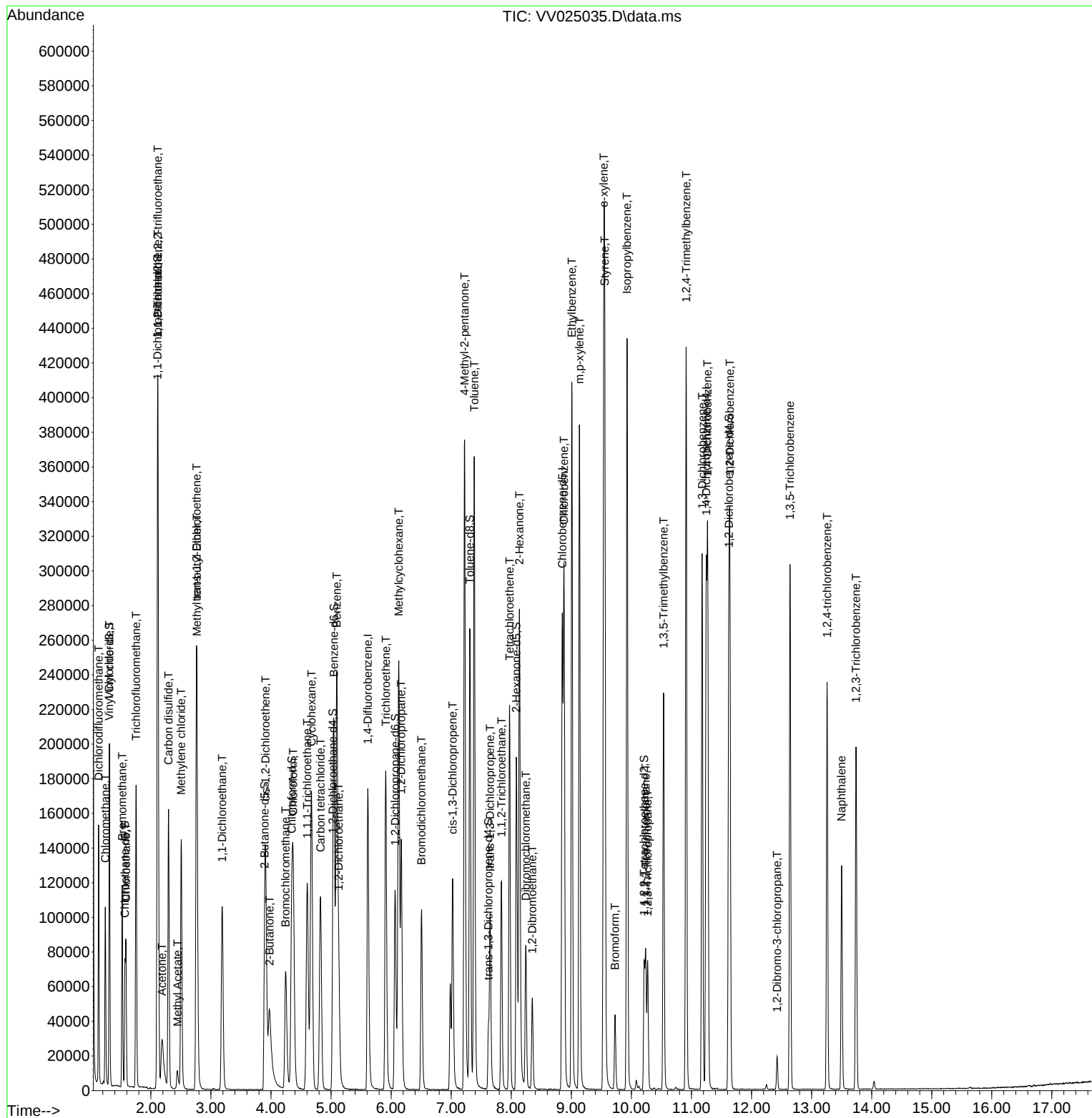
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	56974	5.405	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	100973	5.411	ug/L	99
30) Cyclohexane	4.674	56	96088	5.292	ug/L	99
31) Carbon tetrachloride	4.825	117	86378	5.395	ug/L	99
33) Benzene	5.095	78	254161	5.340	ug/L	100
34) Trichloroethene	5.912	95	66621	5.257	ug/L	95
35) Methylcyclohexane	6.127	83	110168	5.491	ug/L	99
37) 1,2-Dichloropropane	6.169	63	59530	5.442	ug/L	100
38) Bromodichloromethane	6.506	83	72686	5.255	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	81683	5.378	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	244038	54.221	ug/L	98
42) Toluene	7.384	91	273407	5.489	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	63588	5.321	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	39333	5.384	ug/L	99
47) Tetrachloroethene	7.973	164	47571	5.336	ug/L	98
48) 2-Hexanone	8.137	43	172293	53.996	ug/L	99
49) Dibromochloromethane	8.243	129	43500	5.319	ug/L	99
50) 1,2-Dibromoethane	8.349	107	35738	5.345	ug/L	99
51) Chlorobenzene	8.879	112	166068	5.324	ug/L	100
52) Ethylbenzene	9.008	91	286934	5.445	ug/L	99
53) m,p-xylene	9.137	106	112047	5.521	ug/L	100
54) o-xylene	9.542	106	104696	5.395	ug/L	95
55) Styrene	9.558	104	177061	5.603	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	38711	5.405	ug/L	94
59) Bromoform	9.728	173	18993	4.962	ug/L	100
60) Isopropylbenzene	9.927	105	287914	5.372	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	30425	5.090	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	126876	5.217	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	233926	5.431	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	122868	5.285	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	122450	5.225	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	108104	5.248	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	5279	5.152	ug/L	86
69) 1,3,5-Trichlorobenzene	12.641	180	87381	5.321	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	66847	5.224	ug/L	99
71) Naphthalene	13.500	128	100381	4.725	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	56178	5.182	ug/L	99

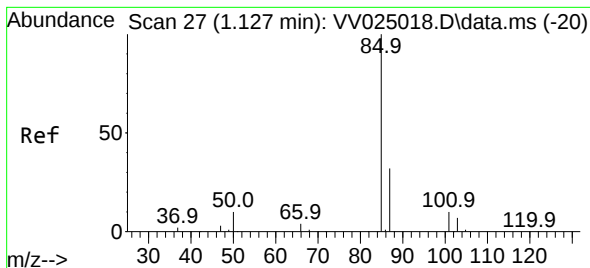
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Data File : VV025035.D
Acq On : 16 Mar 2022 09:41
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

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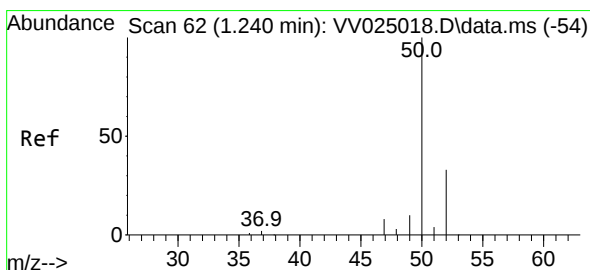
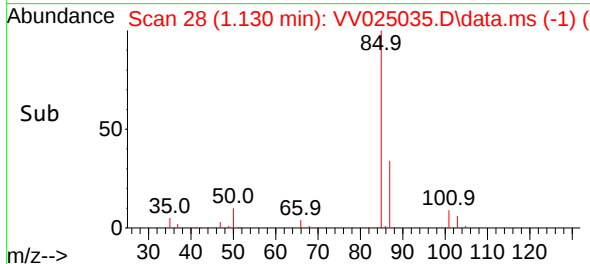
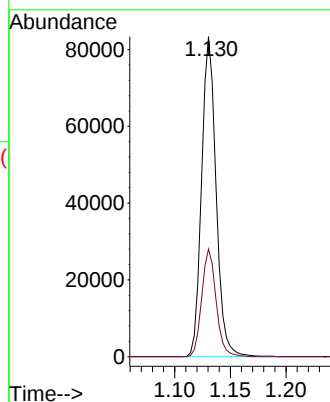
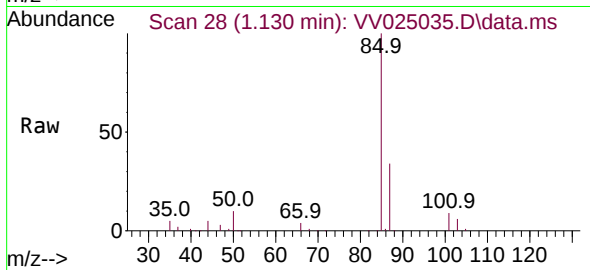




#2
 Dichlorodifluoromethane
 Concen: 5.460 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

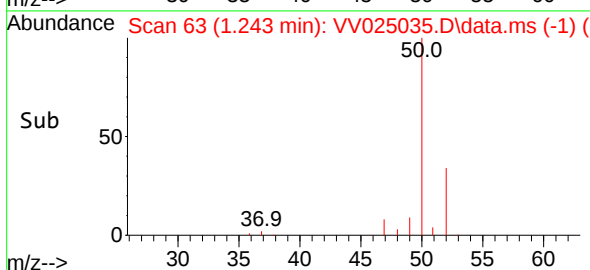
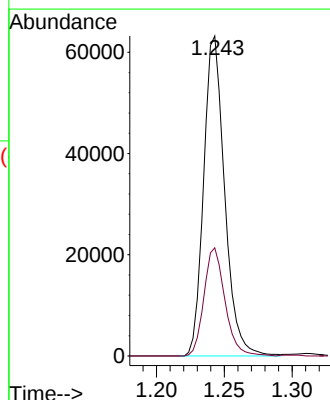
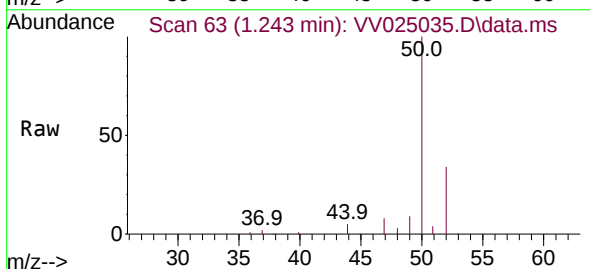
Instrument :
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 ClientSampleId :

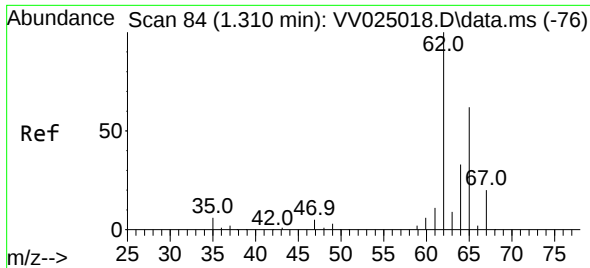
Tgt Ion: 85 Resp: 75288
 Ion Ratio Lower Upper
 85 100
 87 33.3 26.7 40.1



#3
 Chloromethane
 Concen: 5.251 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

Tgt Ion: 50 Resp: 68291
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.2 43.2

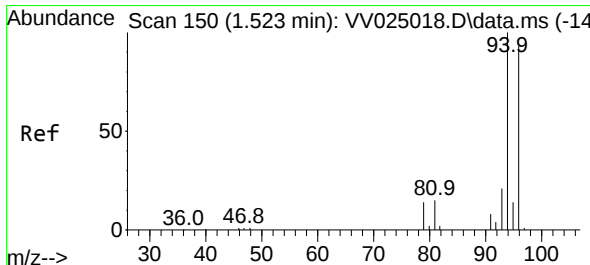
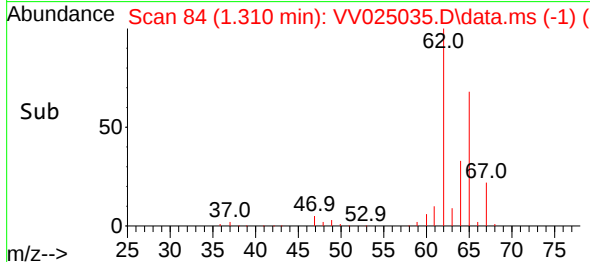
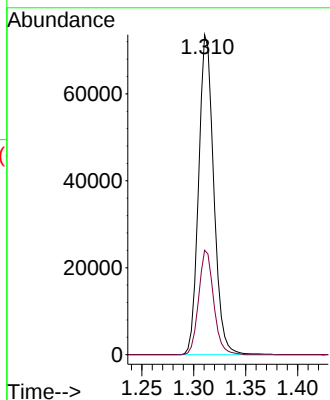
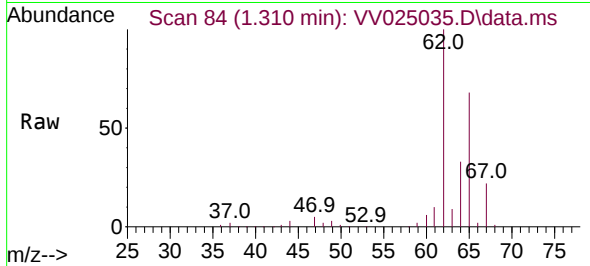




#5
 Vinyl chloride
 Concen: 5.447 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

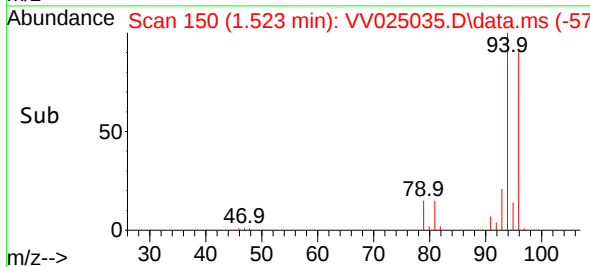
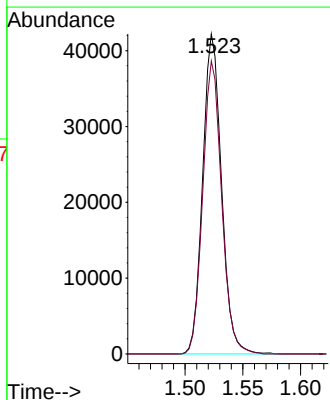
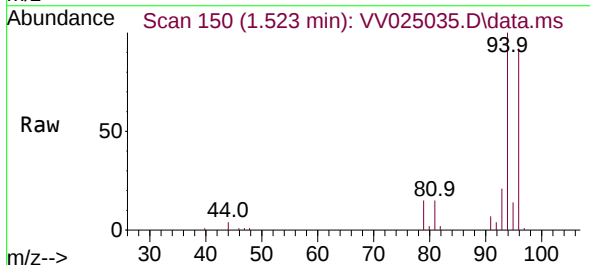
Instrument :
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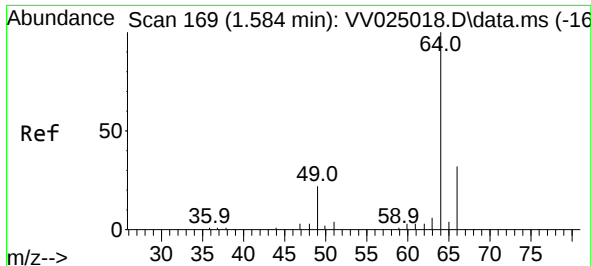
Tgt Ion: 62 Resp: 74741
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.4 43.4



#6
 Bromomethane
 Concen: 5.403 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

Tgt Ion: 94 Resp: 47906
 Ion Ratio Lower Upper
 94 100
 96 91.6 64.9 120.5

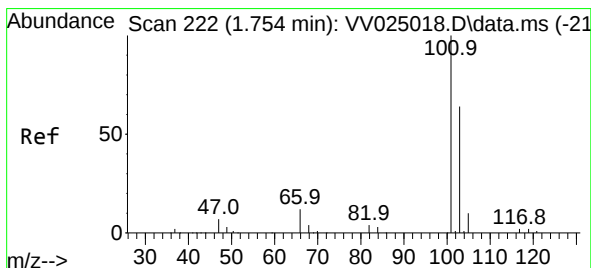
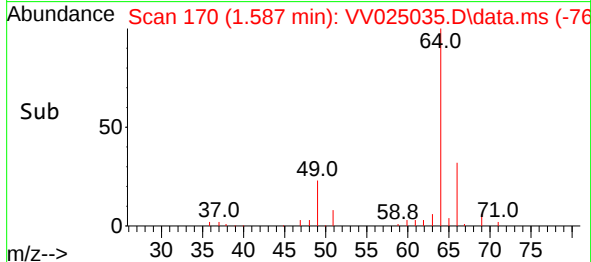
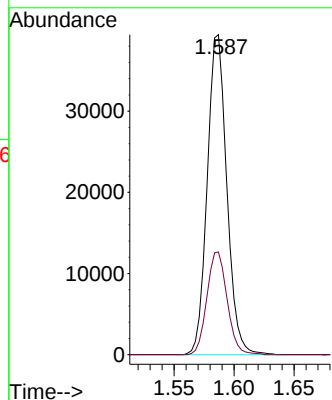
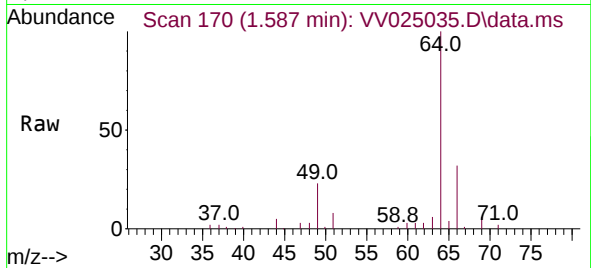




#8
Chloroethane
Concen: 5.383 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

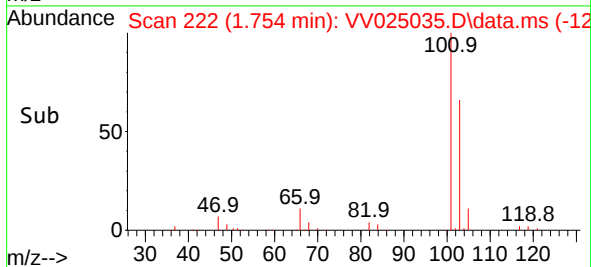
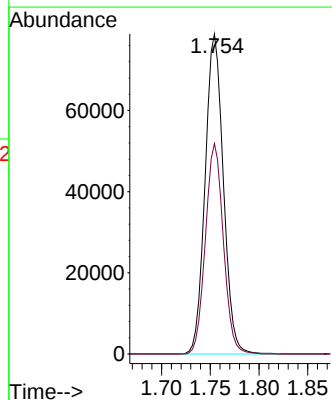
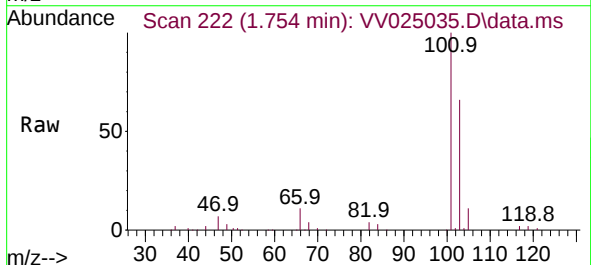
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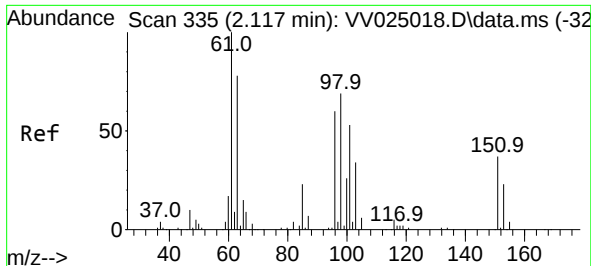
Tgt Ion: 64 Resp: 44782
Ion Ratio Lower Upper
64 100
66 32.1 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.495 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion:101 Resp: 102546
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

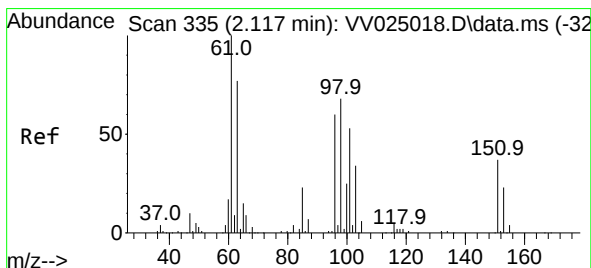
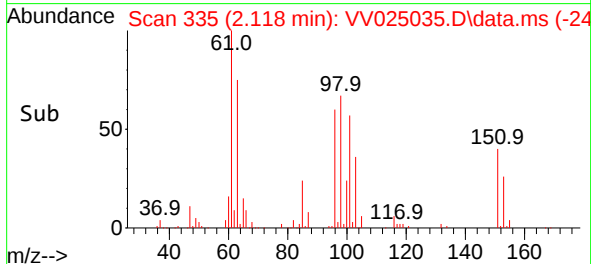
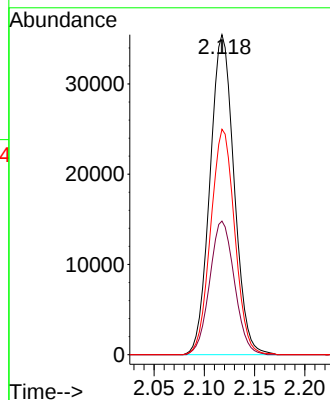
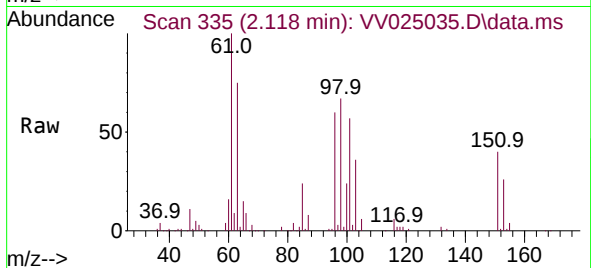




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.855 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

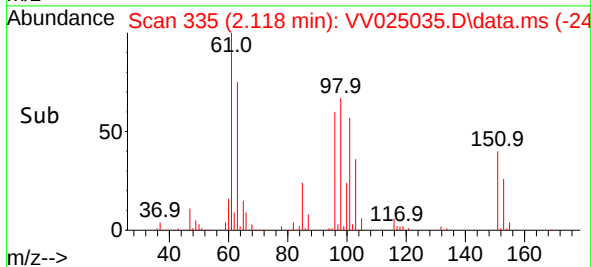
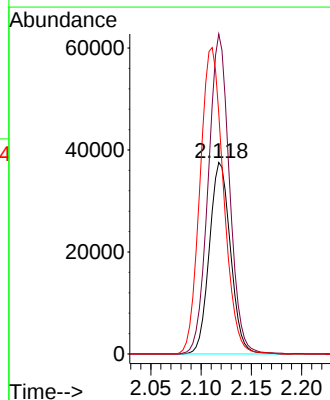
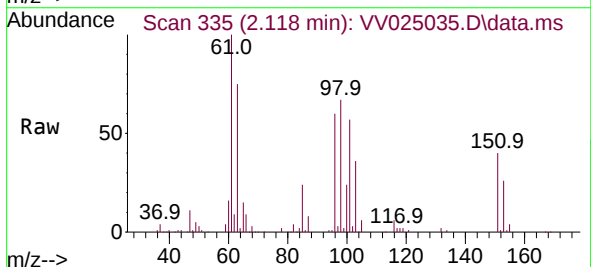
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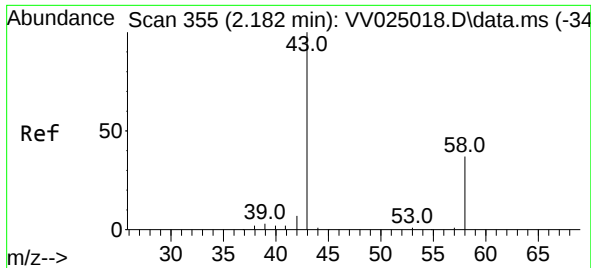
Tgt Ion:101 Resp: 59246
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.8 52.2
 151 70.4 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.518 ug/L
 RT: 2.118 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

Tgt Ion: 96 Resp: 54853
 Ion Ratio Lower Upper
 96 100
 61 167.1 113.0 209.9
 63 125.7 82.1 152.5





#13

Acetone

Concen: 61.424 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

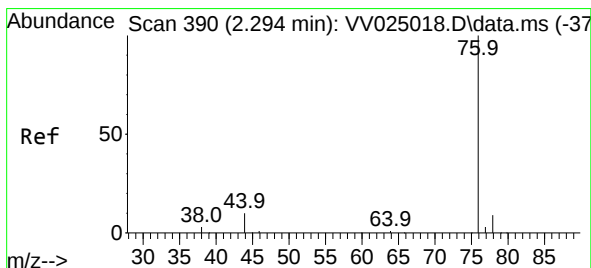
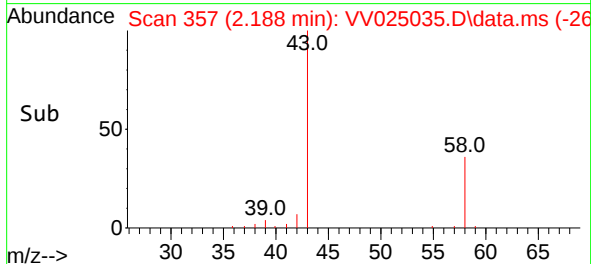
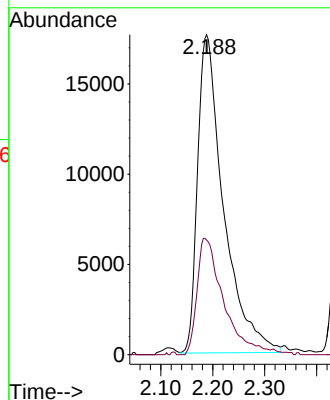
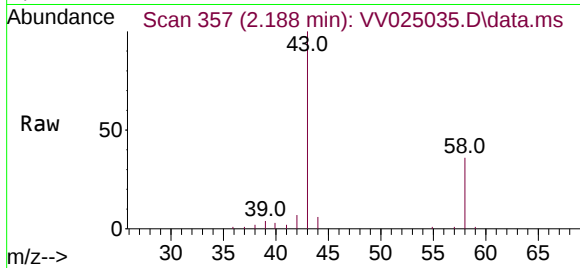
ClientSampleId :

Tgt Ion: 43 Resp: 61167

Ion Ratio Lower Upper

43 100

58 37.1 0.0 54.2



#14

Carbon disulfide

Concen: 5.134 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025035.D

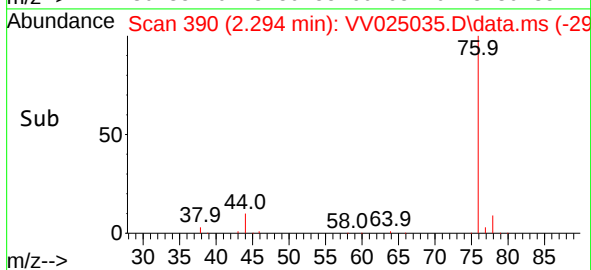
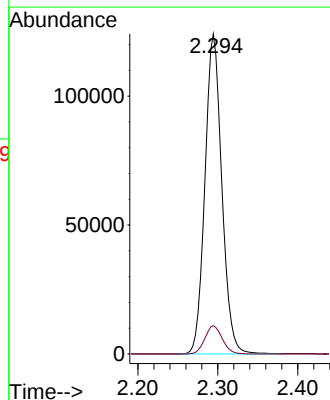
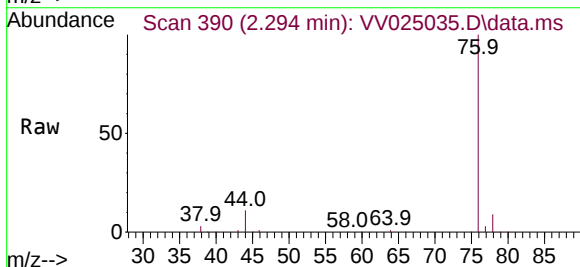
Acq: 16 Mar 2022 09:41

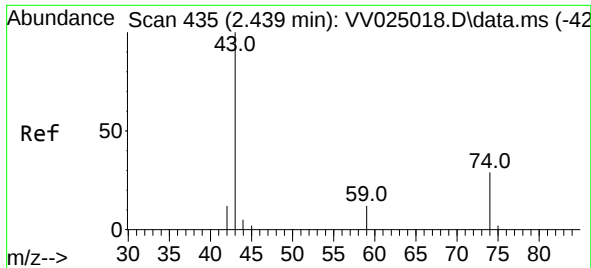
Tgt Ion: 76 Resp: 182625

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





#15

Methyl Acetate

Concen: 5.744 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

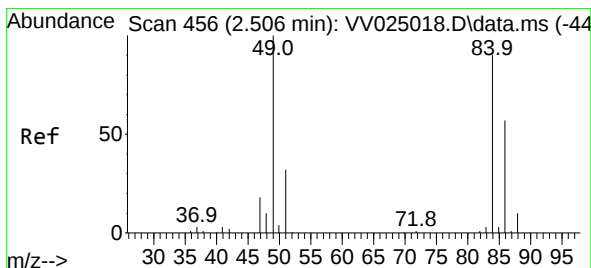
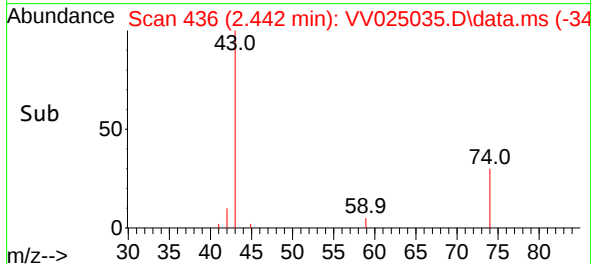
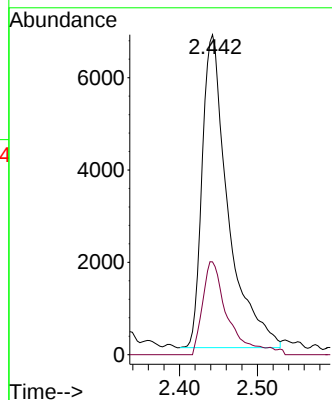
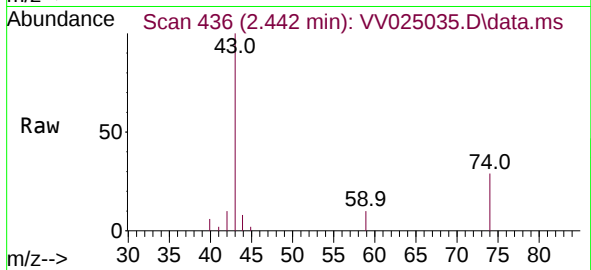
ClientSampleId :

Tgt Ion: 43 Resp: 15671

Ion Ratio Lower Upper

43 100

74 28.9 24.2 36.4



#16

Methylene chloride

Concen: 5.199 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.000 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

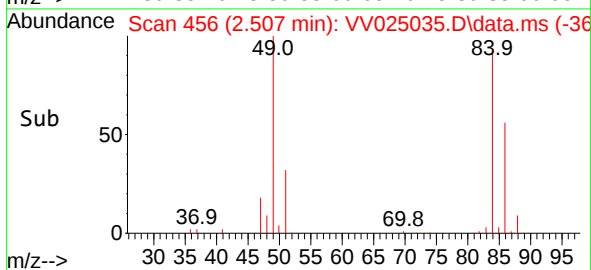
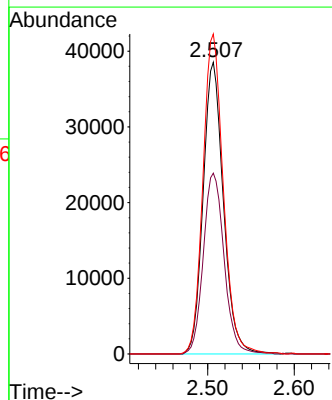
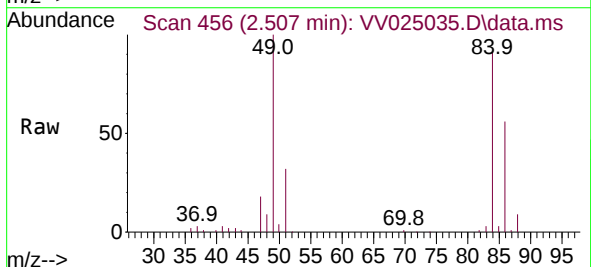
Tgt Ion: 84 Resp: 62625

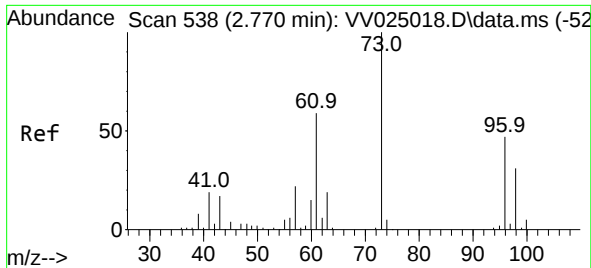
Ion Ratio Lower Upper

84 100

86 62.0 45.5 84.5

49 109.7 75.0 139.2

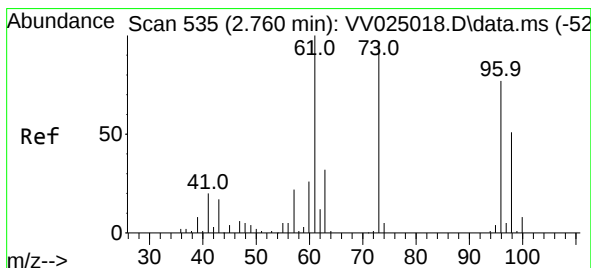
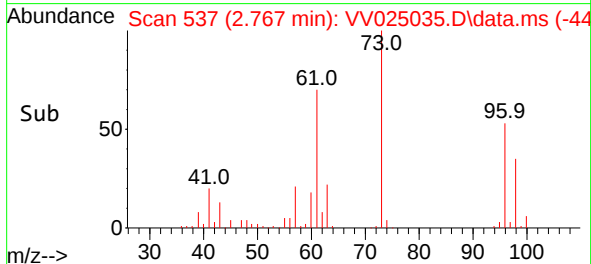
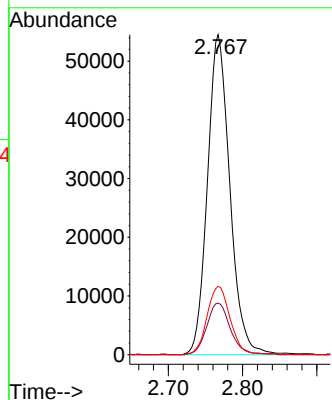
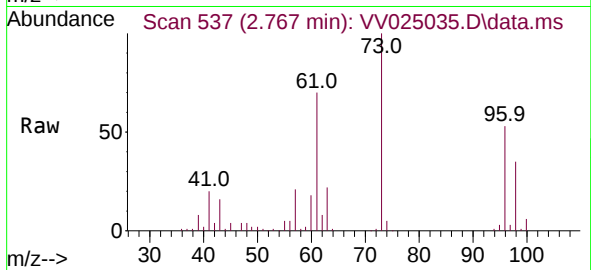




#17
Methyl tert-butyl Ether
Concen: 5.269 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

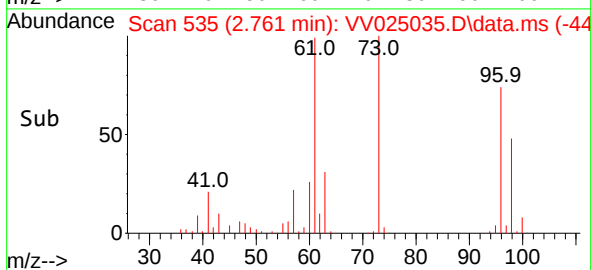
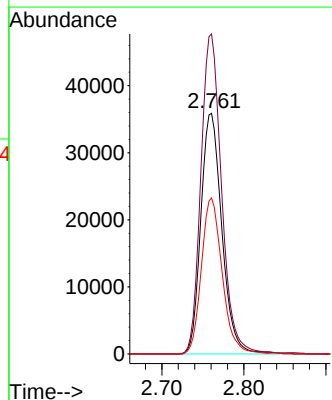
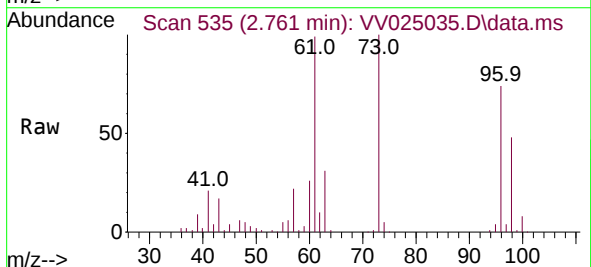
Instrument :
MSVOA_V
ClientSampleId :

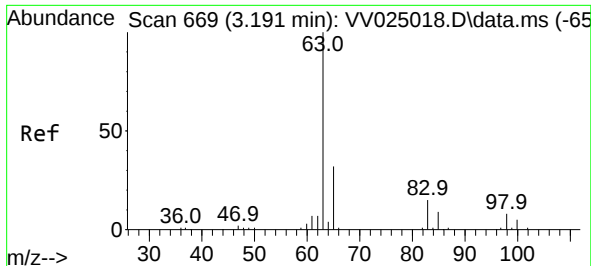
Tgt Ion: 73 Resp: 114107
Ion Ratio Lower Upper
73 100
43 17.0 13.2 19.8
57 21.9 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.334 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion: 96 Resp: 63815
Ion Ratio Lower Upper
96 100
61 132.9 89.2 165.6
98 64.8 43.9 81.5

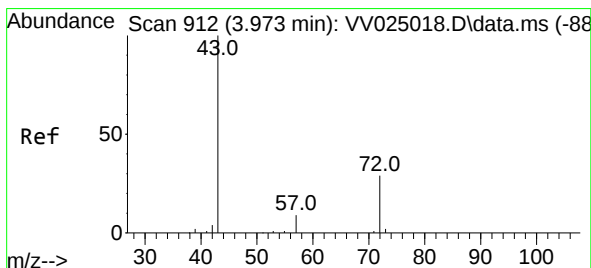
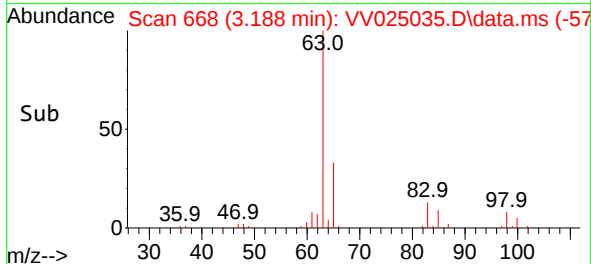
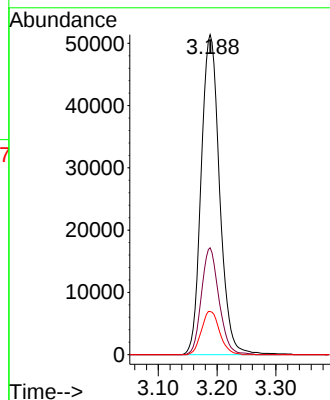
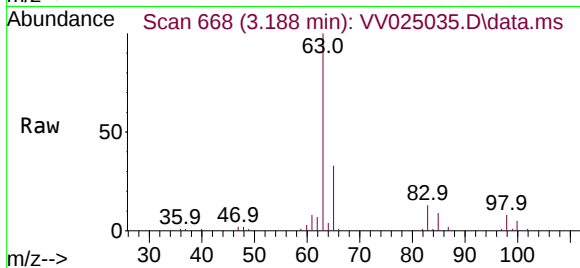




#19
1,1-Dichloroethane
Concen: 5.486 ug/L
RT: 3.188 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

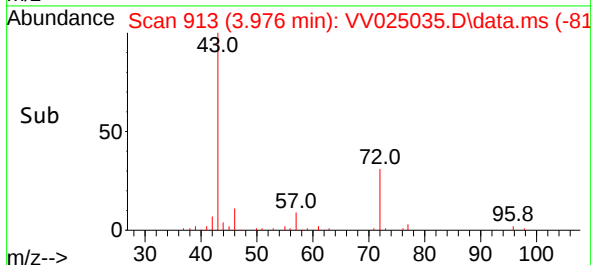
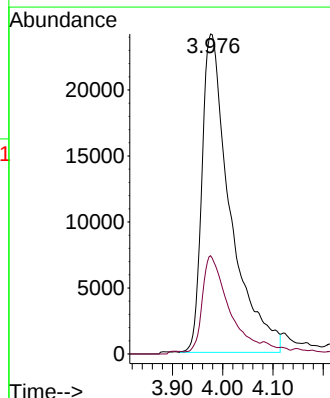
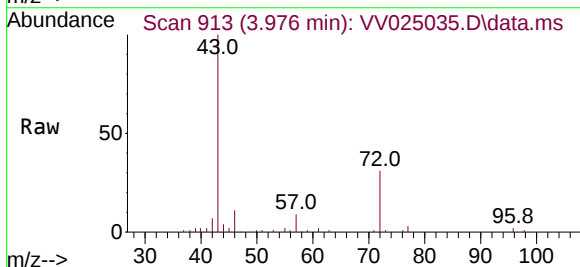
Instrument :
MSVOA_V
ClientSampleId :

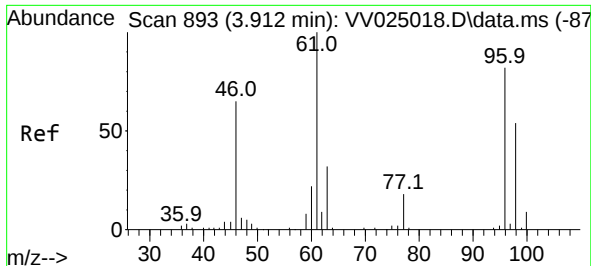
Tgt Ion: 63 Resp: 111701
Ion Ratio Lower Upper
63 100
65 33.4 22.2 41.2
83 13.5 9.4 17.4



#21
2-Butanone
Concen: 59.809 ug/L
RT: 3.976 min Scan# 913
Delta R.T. 0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion: 43 Resp: 94003
Ion Ratio Lower Upper
43 100
72 27.7 10.4 31.2

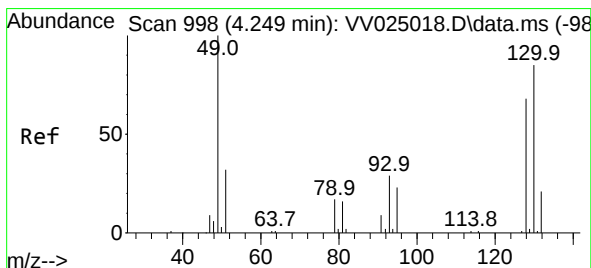
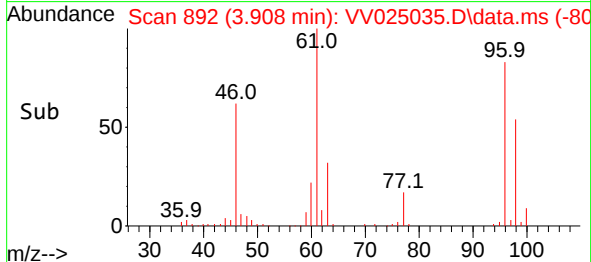
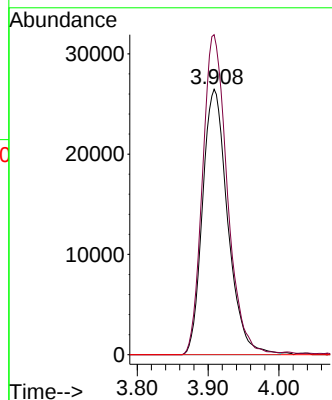
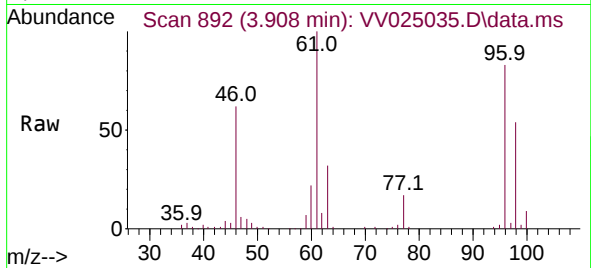




#22
 cis-1,2-Dichloroethene
 Concen: 5.404 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

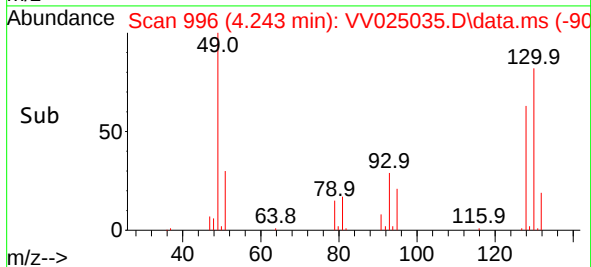
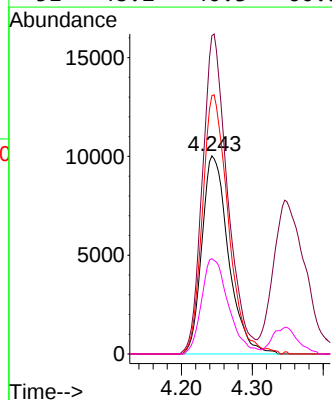
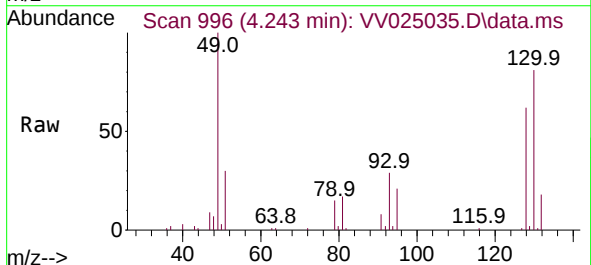
Instrument :
 MSVOA_V
 ClientSampleId :

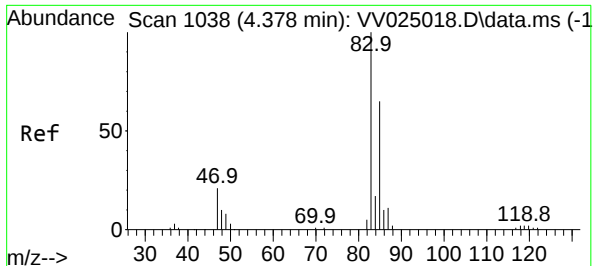
Tgt Ion: 96 Resp: 65276
 Ion Ratio Lower Upper
 96 100
 61 120.6 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.463 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

Tgt Ion: 128 Resp: 26018
 Ion Ratio Lower Upper
 128 100
 49 160.7 107.5 199.7
 130 130.4 89.4 166.0
 51 48.2 40.3 60.5





#25

Chloroform

Concen: 5.358 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

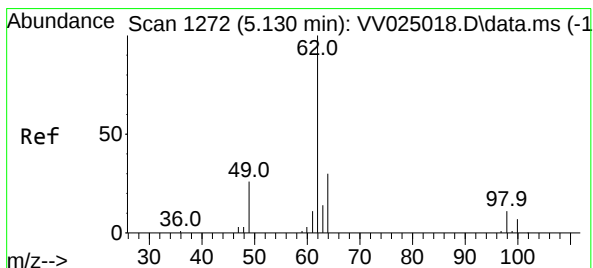
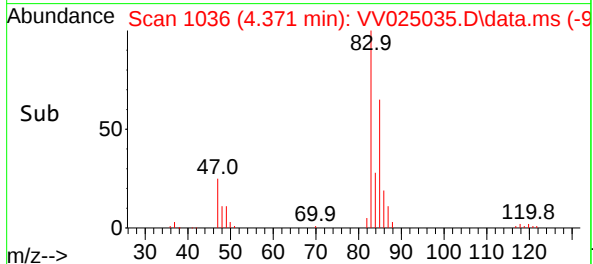
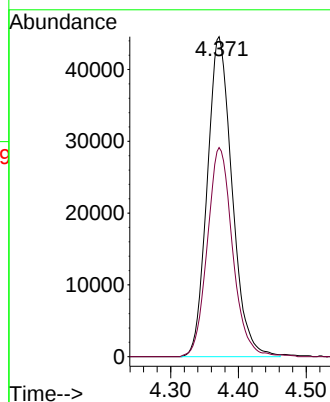
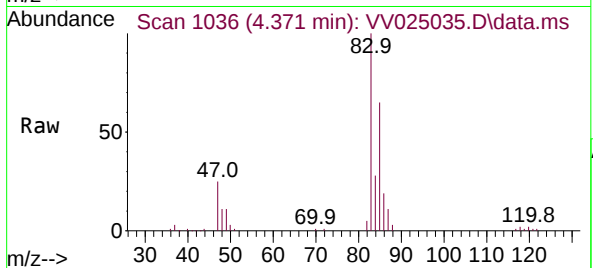
ClientSampleId :

Tgt Ion: 83 Resp: 113597

Ion Ratio Lower Upper

83 100

85 65.4 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.405 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV025035.D

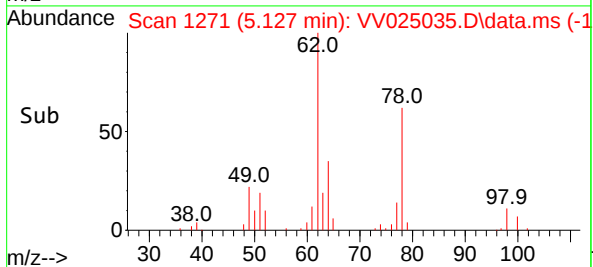
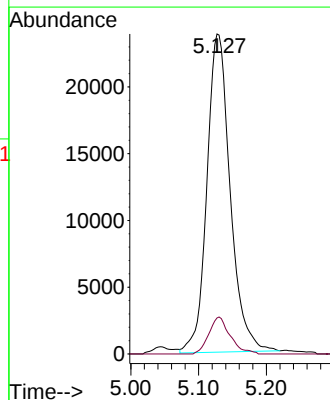
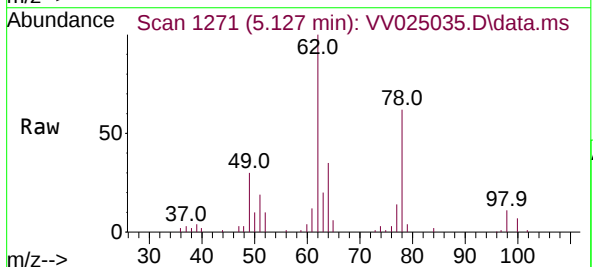
Acq: 16 Mar 2022 09:41

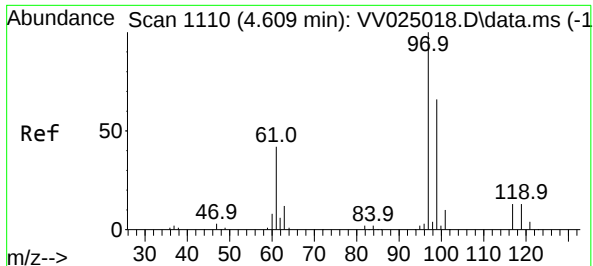
Tgt Ion: 62 Resp: 56974

Ion Ratio Lower Upper

62 100

98 11.2 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.411 ug/L

RT: 4.603 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

ClientSampleId :

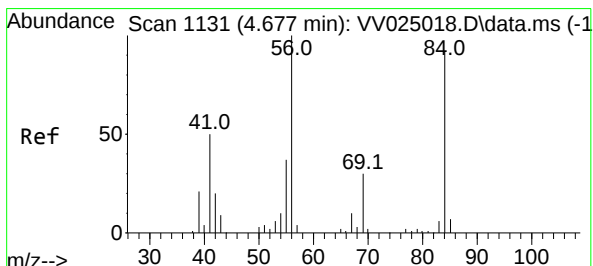
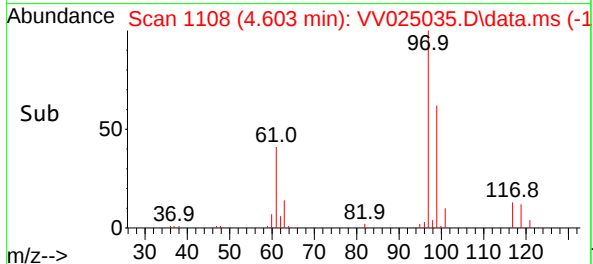
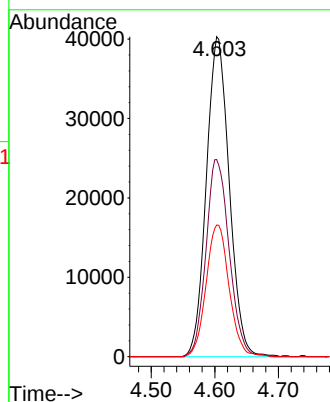
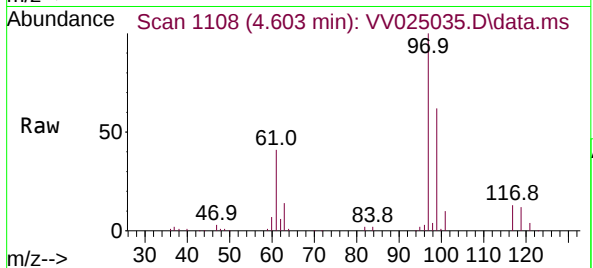
Tgt Ion: 97 Resp: 100973

Ion Ratio Lower Upper

97 100

99 62.4 50.7 76.1

61 41.4 32.4 48.6



#30

Cyclohexane

Concen: 5.292 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

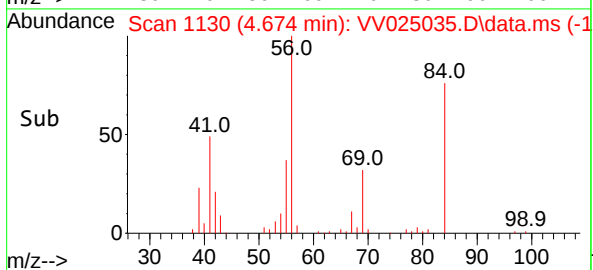
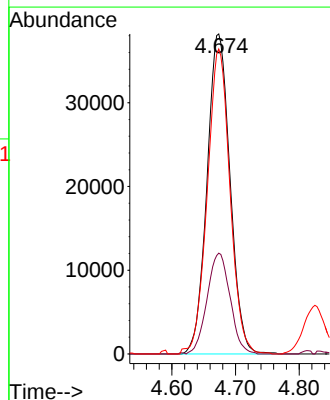
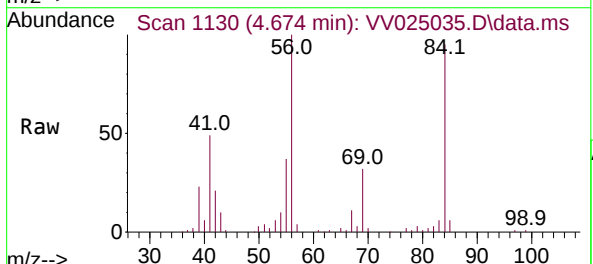
Tgt Ion: 56 Resp: 96088

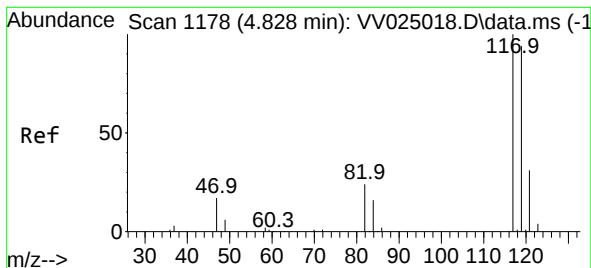
Ion Ratio Lower Upper

56 100

69 31.5 24.9 37.3

84 94.0 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.395 ug/L

RT: 4.825 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

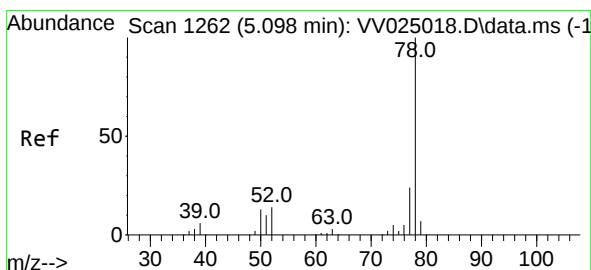
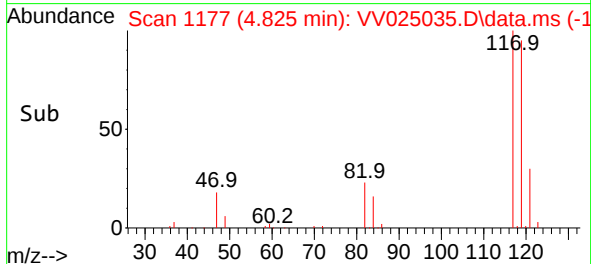
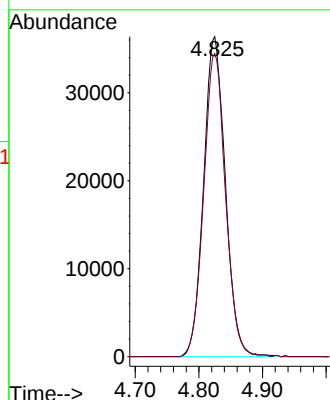
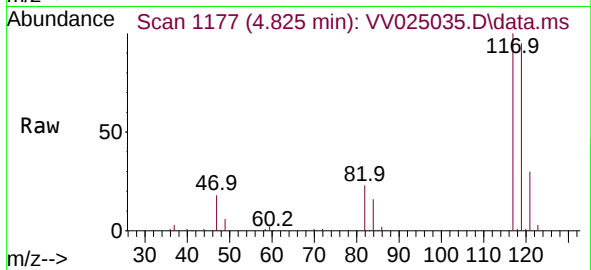
ClientSampleId :

Tgt Ion:117 Resp: 86378

Ion Ratio Lower Upper

117 100

119 95.1 76.8 115.2



#33

Benzene

Concen: 5.340 ug/L

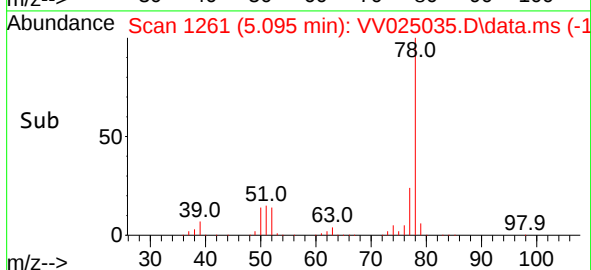
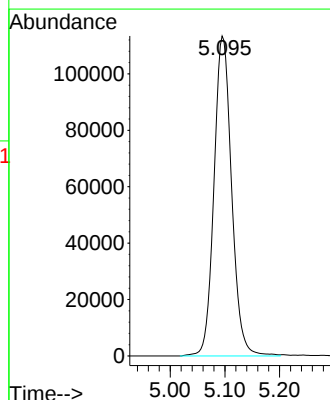
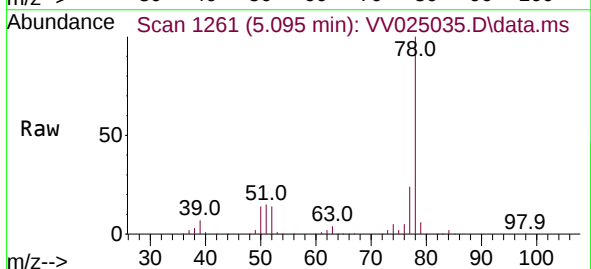
RT: 5.095 min Scan# 1261

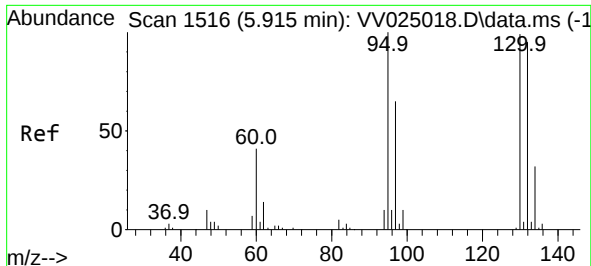
Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Tgt Ion: 78 Resp: 254161

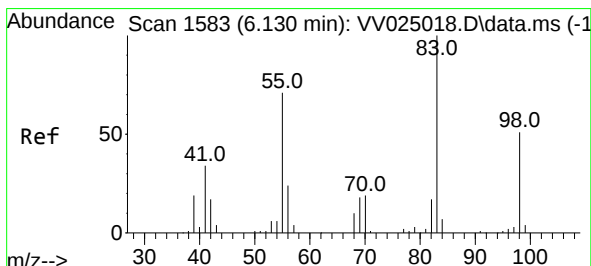
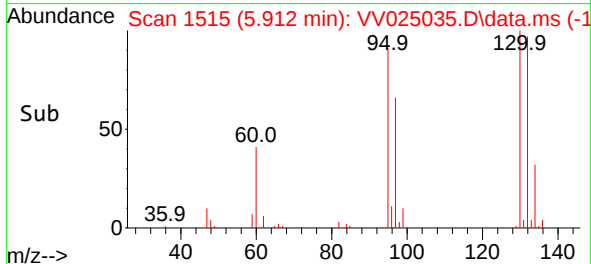
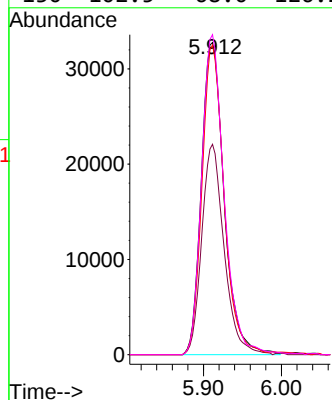
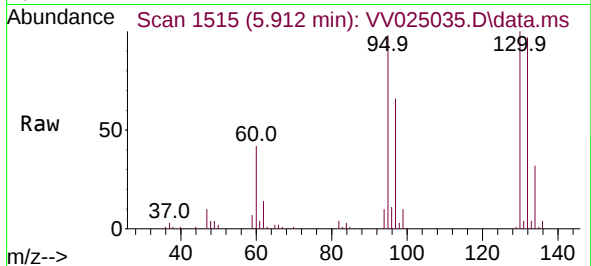




#34
Trichloroethene
Concen: 5.257 ug/L
RT: 5.912 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

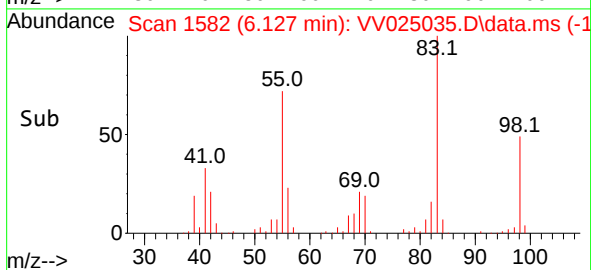
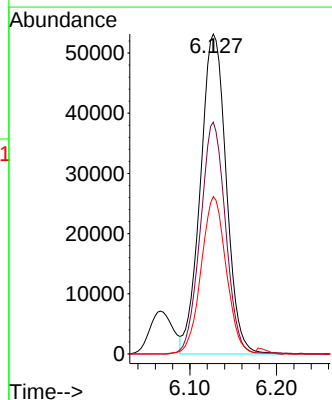
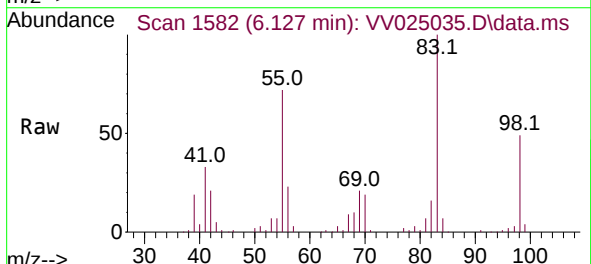
Instrument :
MSVOA_V
ClientSampleId :

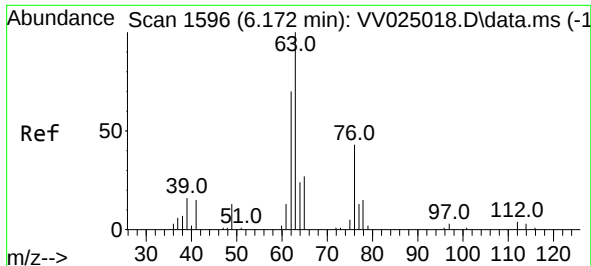
Tgt Ion: 95 Resp: 66621
Ion Ratio Lower Upper
95 100
97 67.4 44.5 82.7
132 99.2 66.5 123.5
130 102.5 68.0 126.2



#35
Methylcyclohexane
Concen: 5.491 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion: 83 Resp: 110168
Ion Ratio Lower Upper
83 100
55 70.7 55.4 83.0
98 47.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.442 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

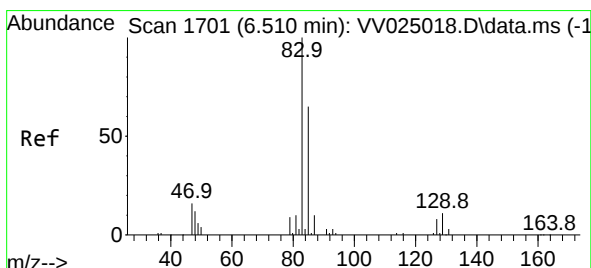
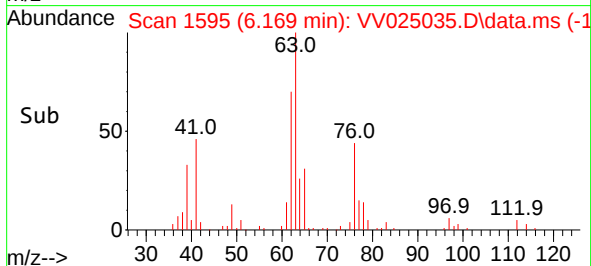
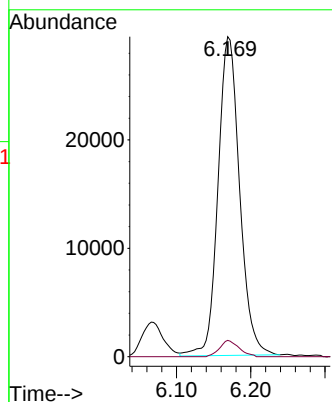
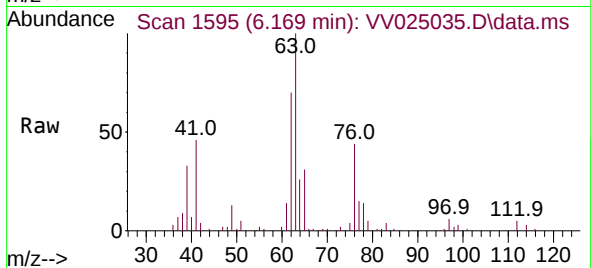
ClientSampleId :

Tgt Ion: 63 Resp: 59530

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 5.255 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

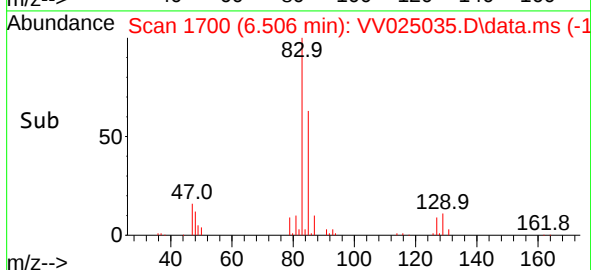
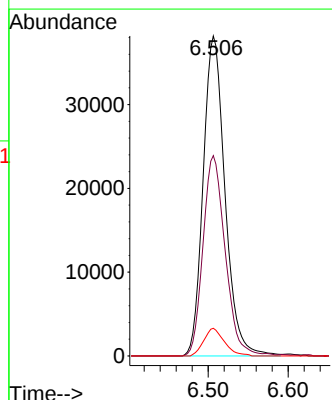
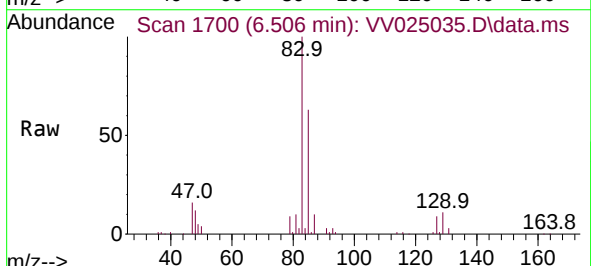
Tgt Ion: 83 Resp: 72686

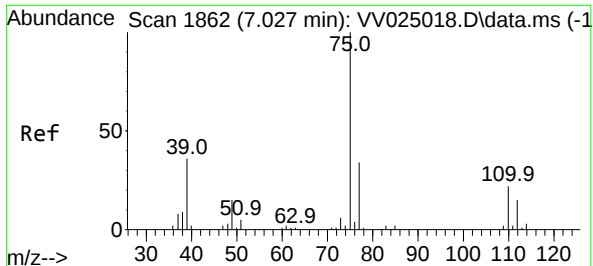
Ion Ratio Lower Upper

83 100

85 62.6 44.8 83.2

127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.378 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

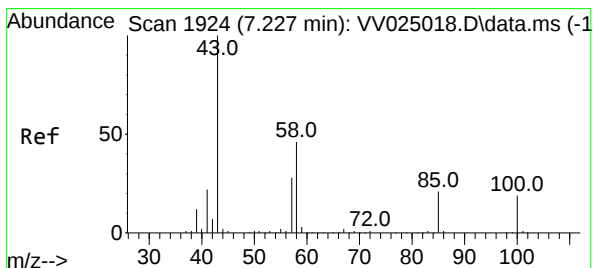
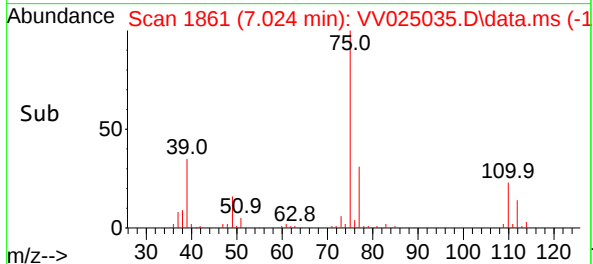
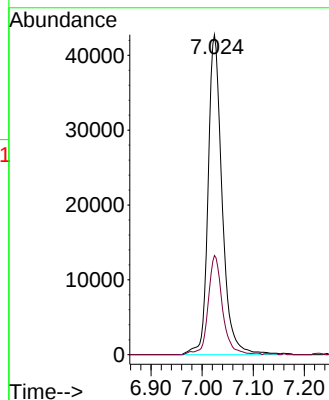
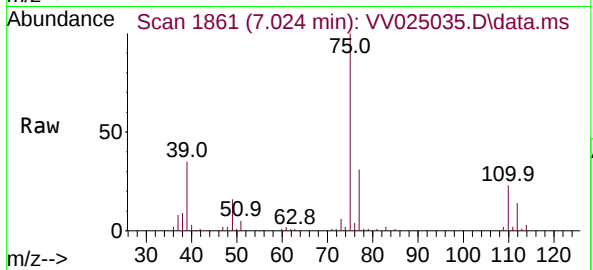
ClientSampleId :

Tgt Ion: 75 Resp: 81683

Ion Ratio Lower Upper

75 100

77 31.0 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 54.221 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

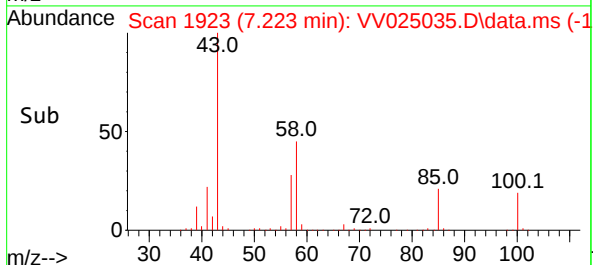
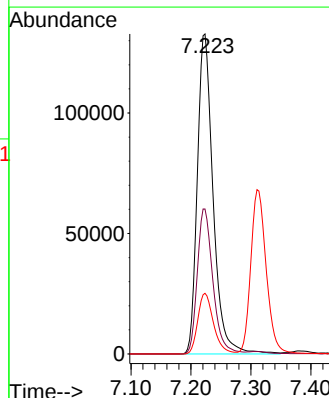
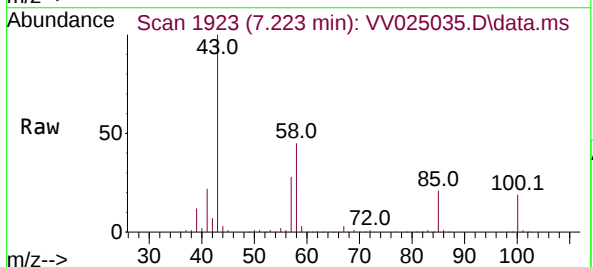
Tgt Ion: 43 Resp: 244038

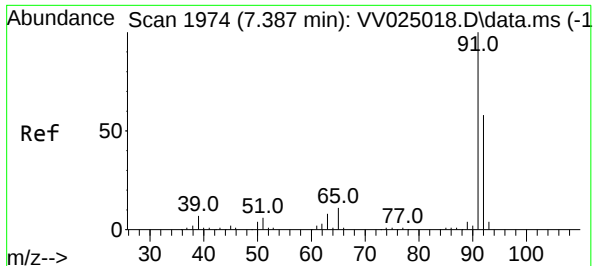
Ion Ratio Lower Upper

43 100

58 44.8 36.6 55.0

100 18.9 13.8 20.8





#42

Toluene

Concen: 5.489 ug/L

RT: 7.384 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

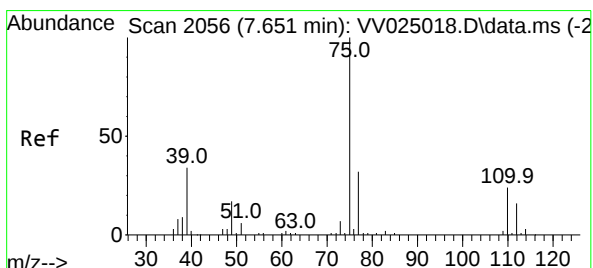
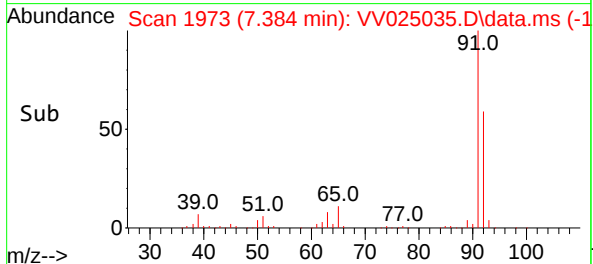
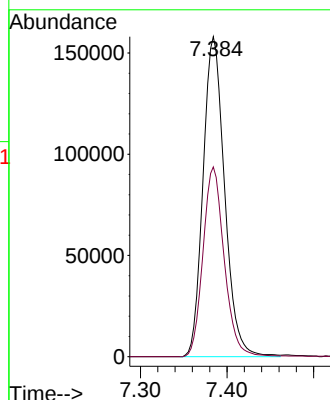
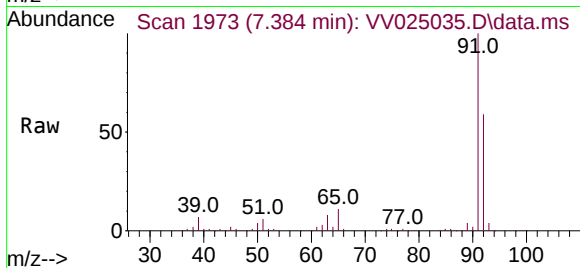
ClientSampleId :

Tgt Ion: 91 Resp: 273407

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.321 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.003 min

Lab File: VV025035.D

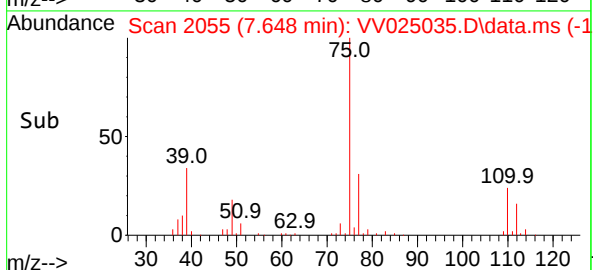
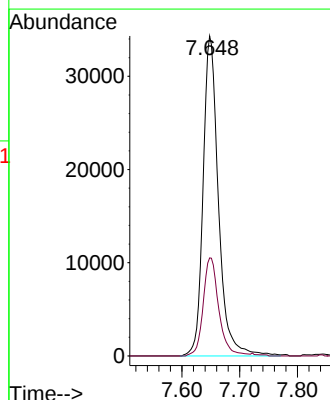
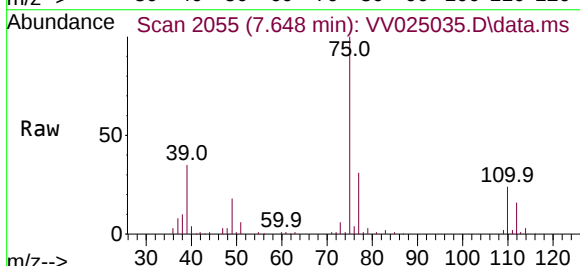
Acq: 16 Mar 2022 09:41

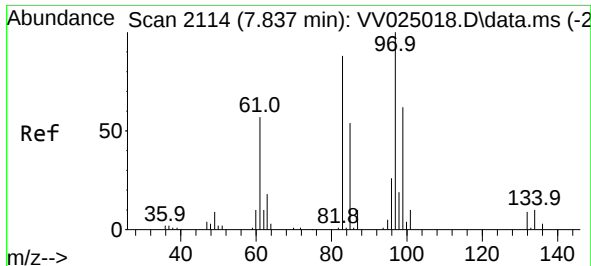
Tgt Ion: 75 Resp: 63588

Ion Ratio Lower Upper

75 100

77 30.6 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.384 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 39333

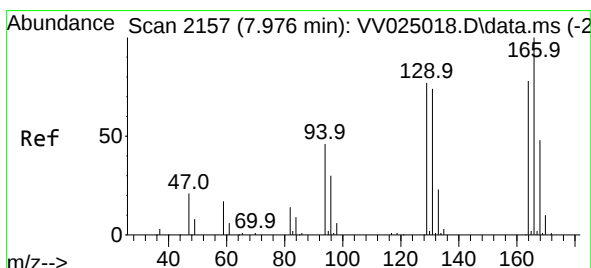
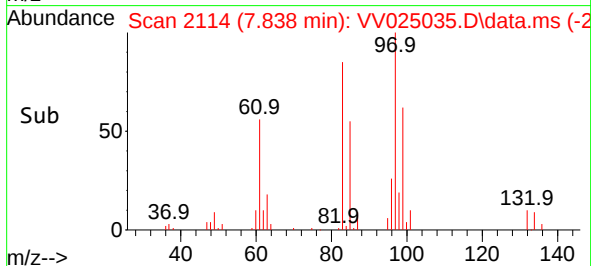
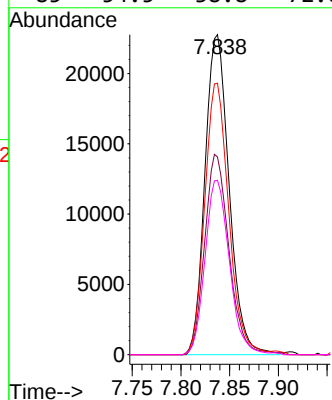
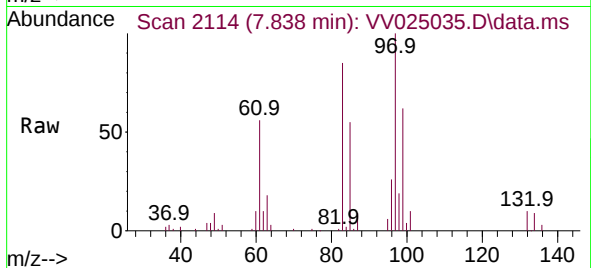
Ion Ratio Lower Upper

97 100

99 61.8 43.7 81.1

83 84.9 58.9 109.3

85 54.5 38.8 72.0



#47

Tetrachloroethene

Concen: 5.336 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Tgt Ion:164 Resp: 47571

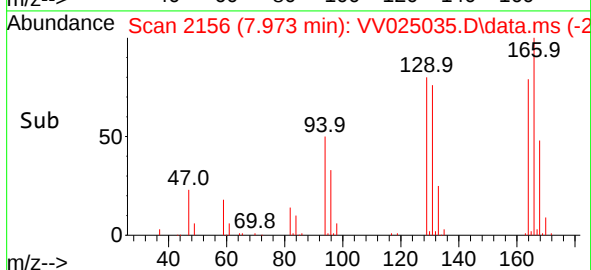
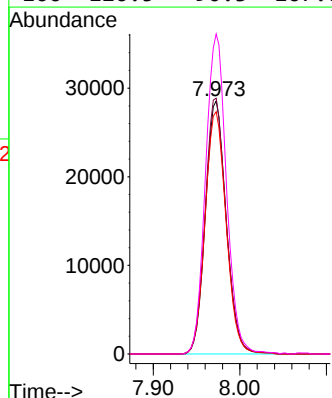
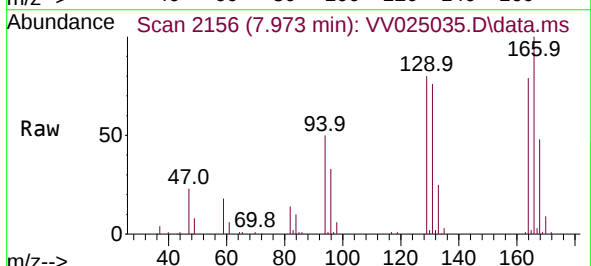
Ion Ratio Lower Upper

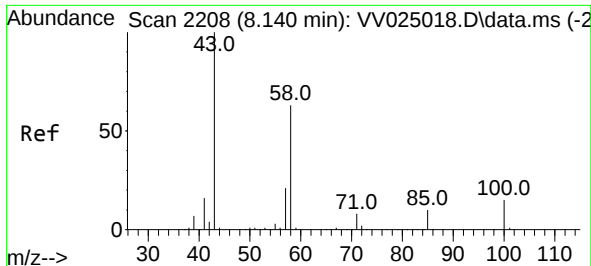
164 100

129 101.1 70.3 130.7

131 95.8 69.4 129.0

166 126.5 90.3 167.7

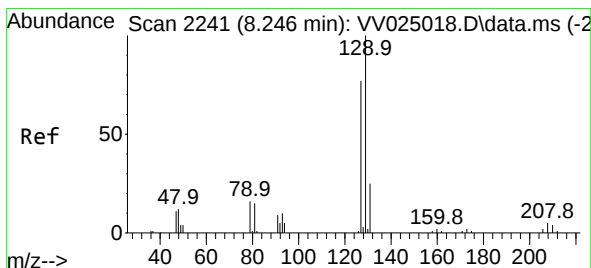
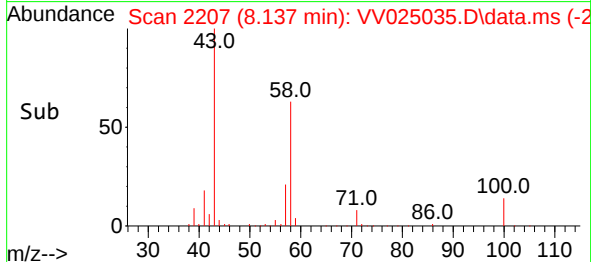
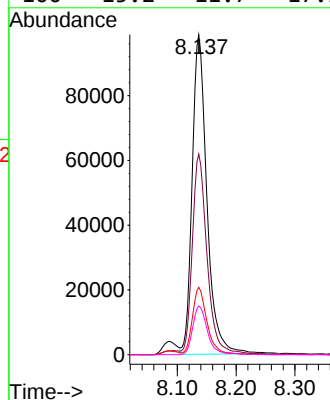
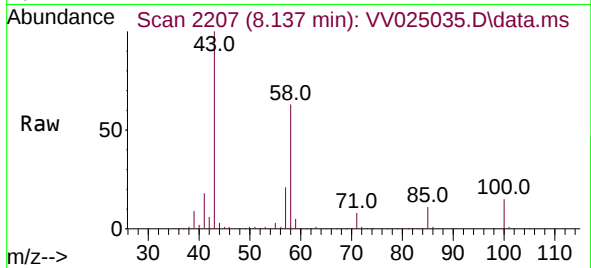




#48
2-Hexanone
Concen: 53.996 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

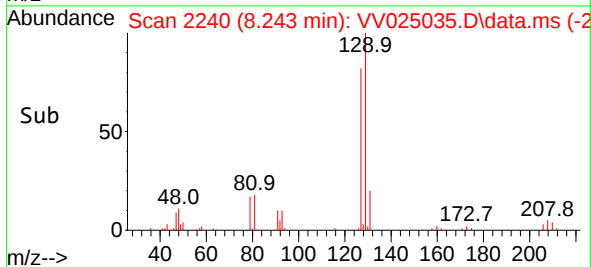
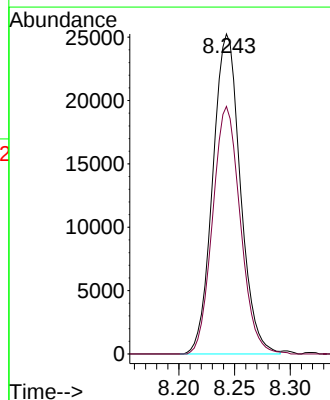
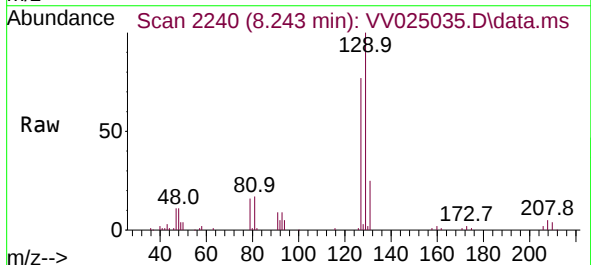
Instrument :
MSVOA_V
ClientSampleId :

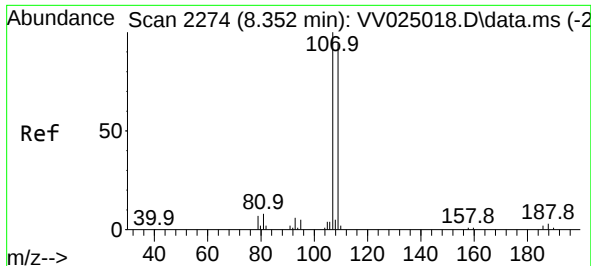
Tgt Ion: 43 Resp: 172293
Ion Ratio Lower Upper
43 100
58 61.8 49.2 73.8
57 20.7 16.0 24.0
100 15.2 11.7 17.5



#49
Dibromochloromethane
Concen: 5.319 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion:129 Resp: 43500
Ion Ratio Lower Upper
129 100
127 77.4 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.345 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

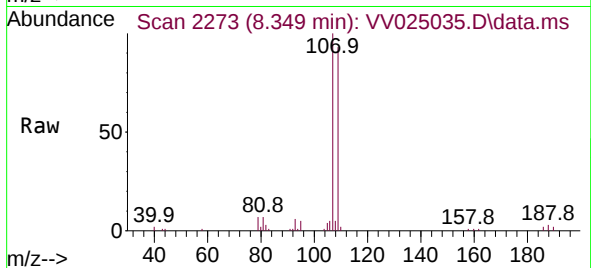
Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

ClientSampleId :



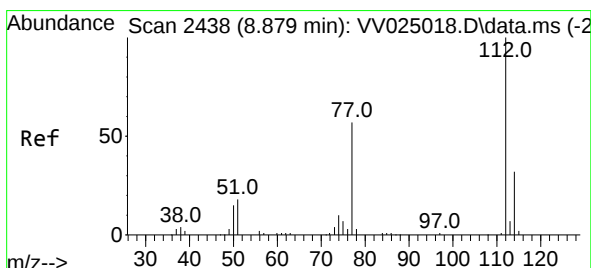
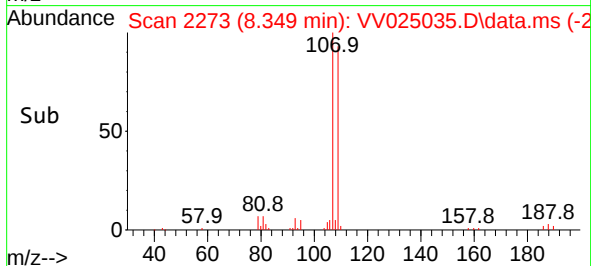
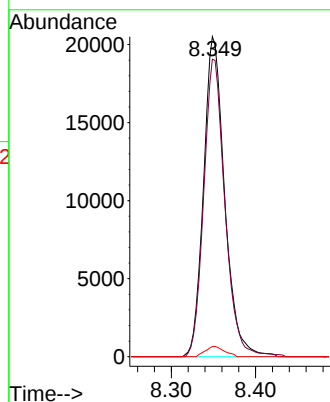
Tgt Ion:107 Resp: 35738

Ion Ratio Lower Upper

107 100

109 92.9 65.5 121.6

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 5.324 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

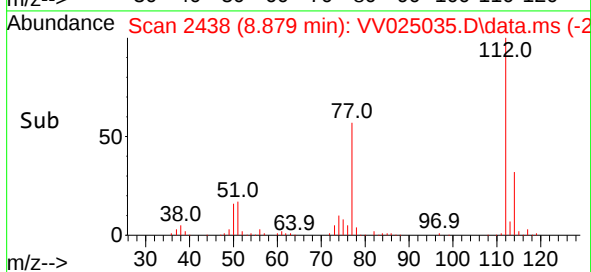
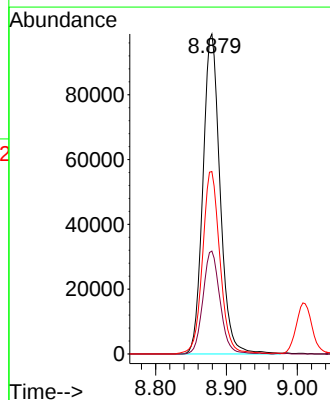
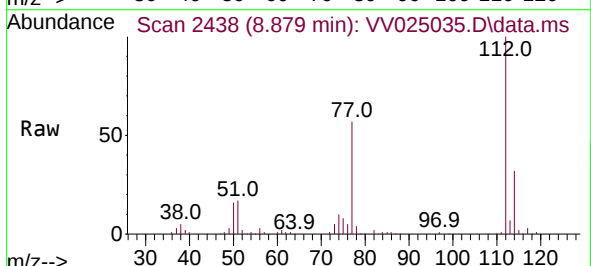
Tgt Ion:112 Resp: 166068

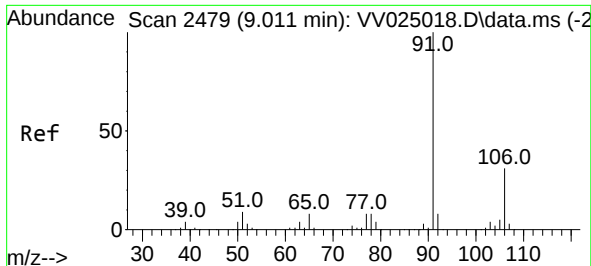
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 57.0 45.3 67.9





#52

Ethylbenzene

Concen: 5.445 ug/L

RT: 9.008 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

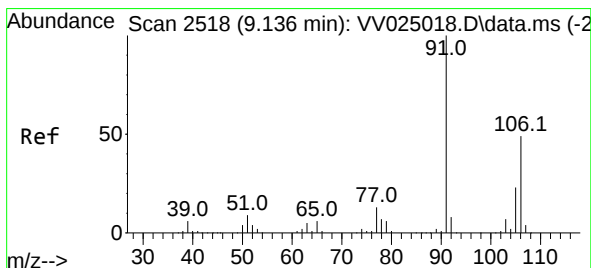
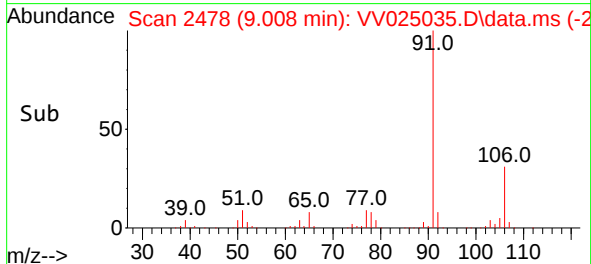
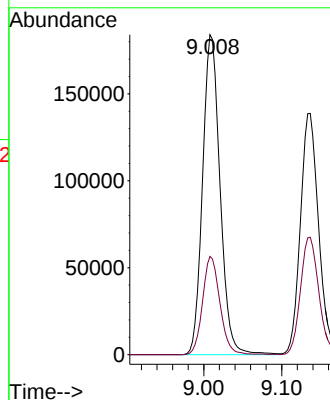
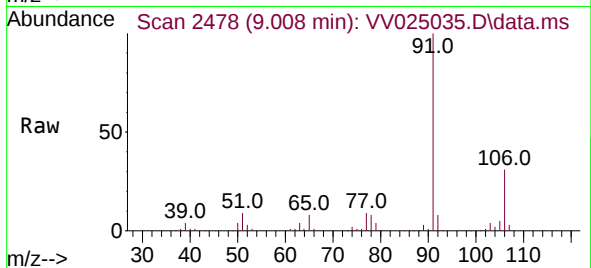
ClientSampleId :

Tgt Ion: 91 Resp: 286934

Ion Ratio Lower Upper

91 100

106 30.7 21.9 40.7



#53

m,p-xylene

Concen: 5.521 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV025035.D

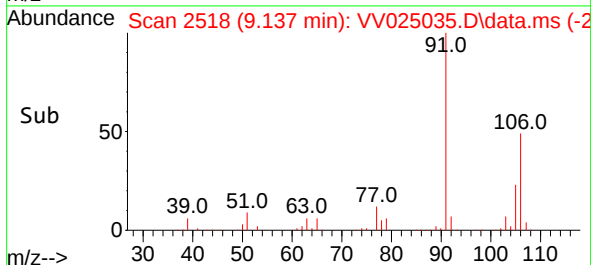
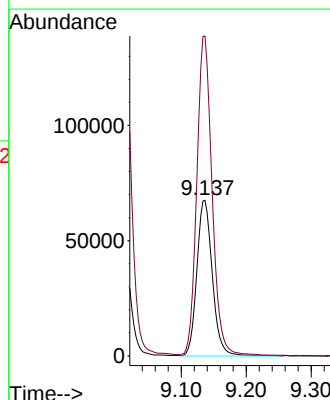
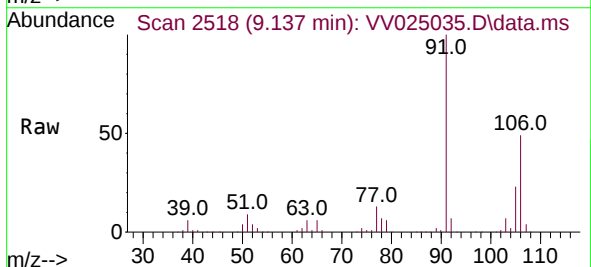
Acq: 16 Mar 2022 09:41

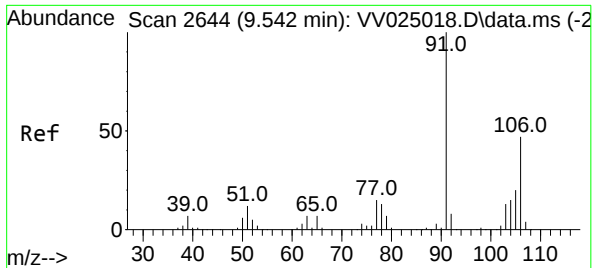
Tgt Ion:106 Resp: 112047

Ion Ratio Lower Upper

106 100

91 205.6 143.4 266.4

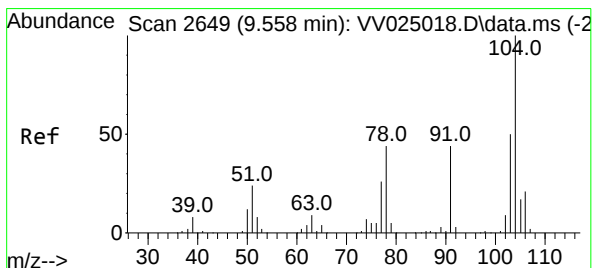
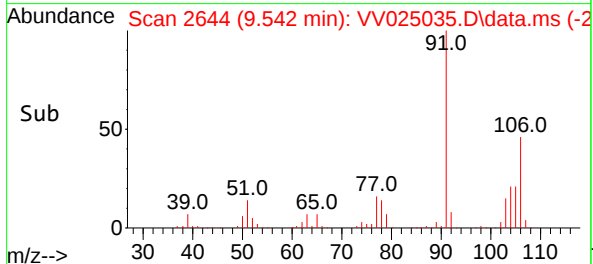
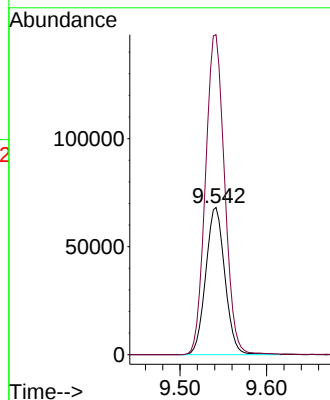
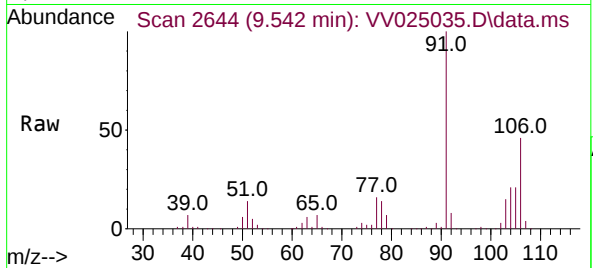




#54
o-xylene
Concen: 5.395 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

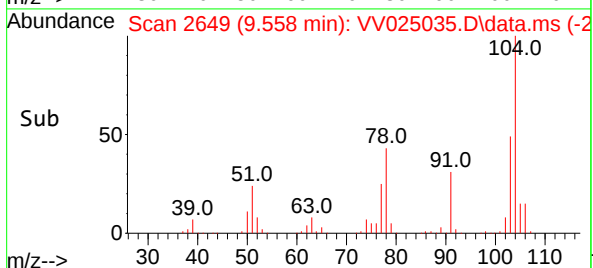
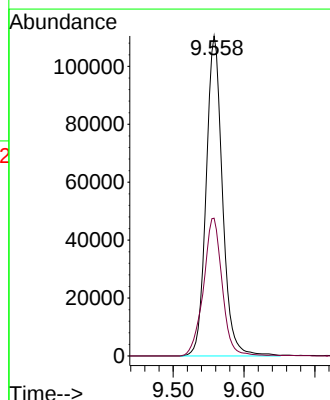
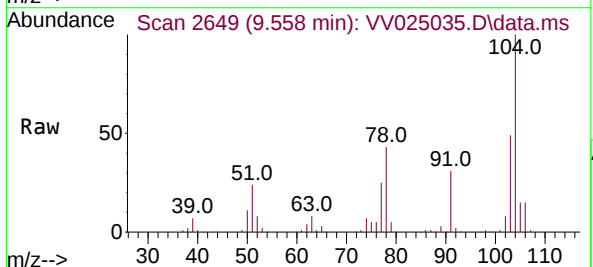
Instrument :
MSVOA_V
ClientSampleId :

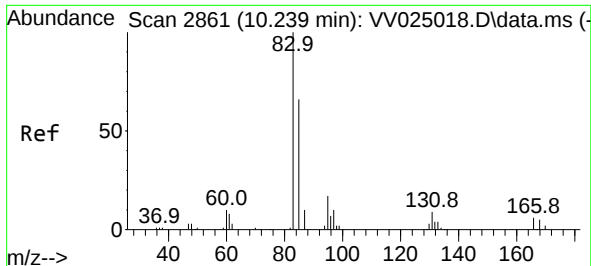
Tgt Ion:106 Resp: 104696
Ion Ratio Lower Upper
106 100
91 217.5 146.7 272.5



#55
Styrene
Concen: 5.603 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion:104 Resp: 177061
Ion Ratio Lower Upper
104 100
78 43.1 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.405 ug/L

RT: 10.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

Instrument :

MSVOA_V

ClientSampleId :

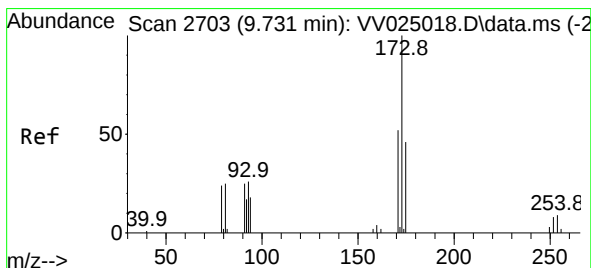
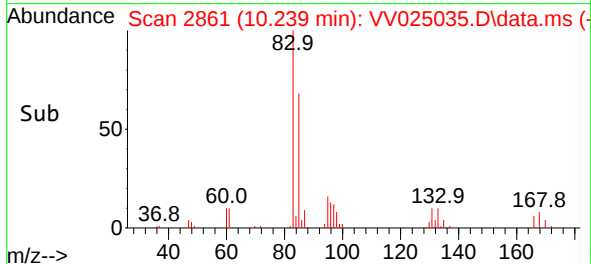
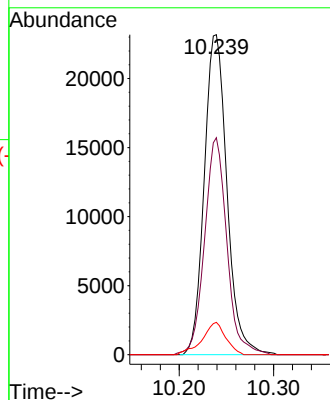
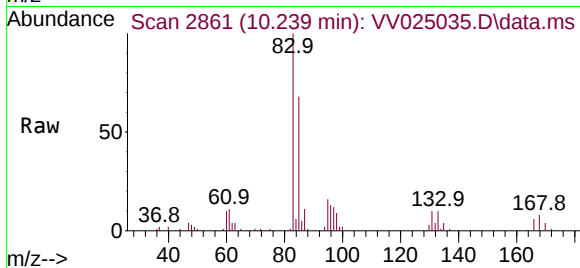
Tgt Ion: 83 Resp: 38711

Ion Ratio Lower Upper

83 100

85 67.8 43.9 81.5

131 10.1 7.5 11.3



#59

Bromoform

Concen: 4.962 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV025035.D

Acq: 16 Mar 2022 09:41

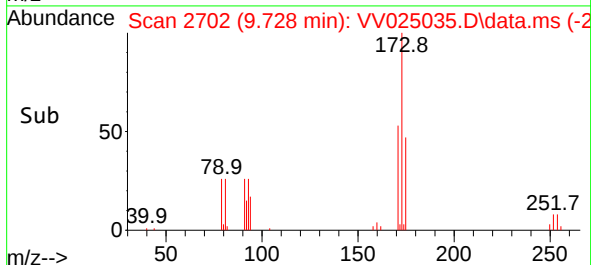
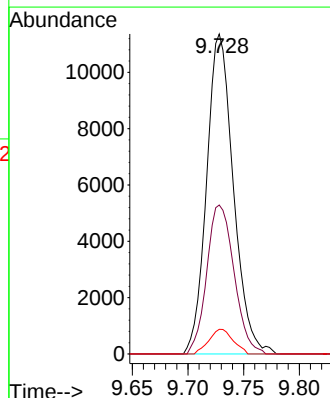
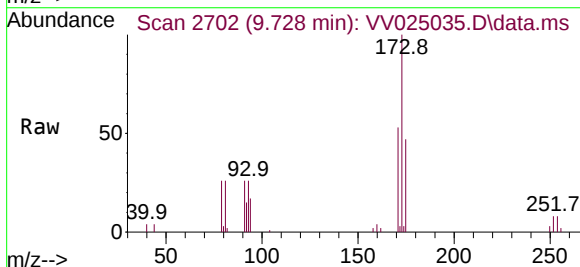
Tgt Ion: 173 Resp: 18993

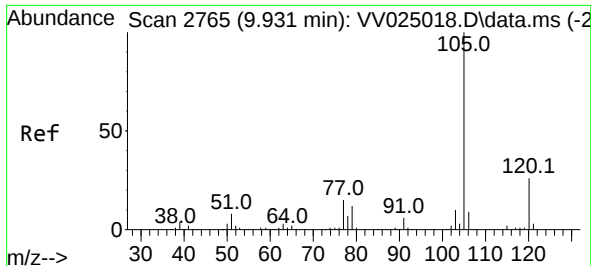
Ion Ratio Lower Upper

173 100

175 47.5 37.8 56.8

254 7.0 5.8 8.6

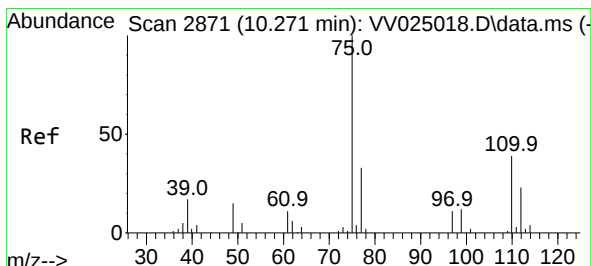
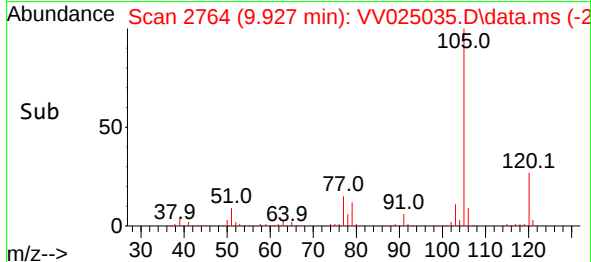
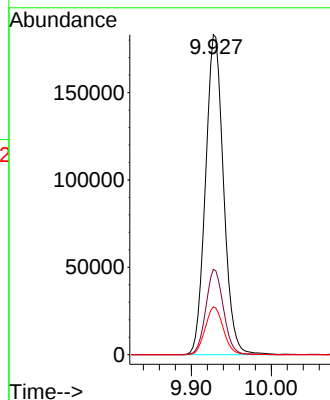
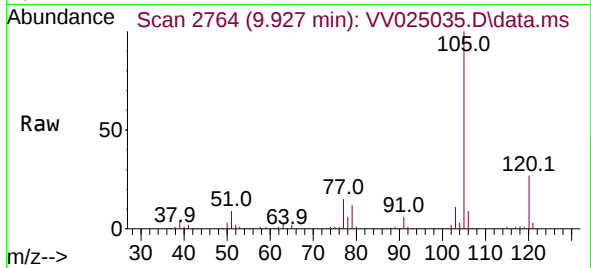




#60
Isopropylbenzene
Concen: 5.372 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

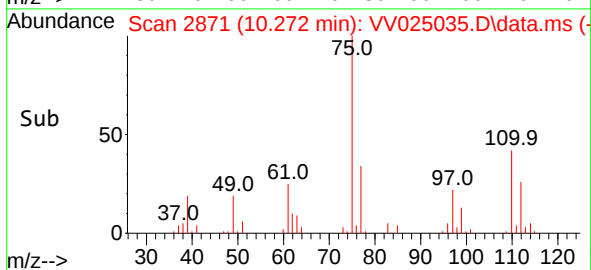
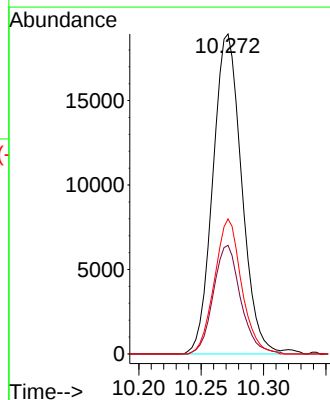
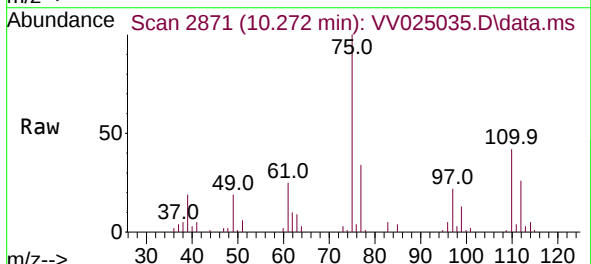
Instrument :
MSVOA_V
ClientSampleId :

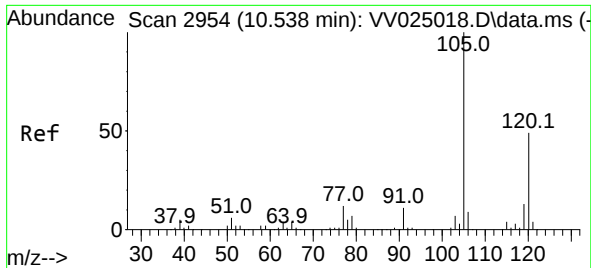
Tgt Ion:105 Resp: 287914
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.1 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 5.090 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion: 75 Resp: 30425
Ion Ratio Lower Upper
75 100
77 32.4 25.7 38.5
110 39.8 31.2 46.8

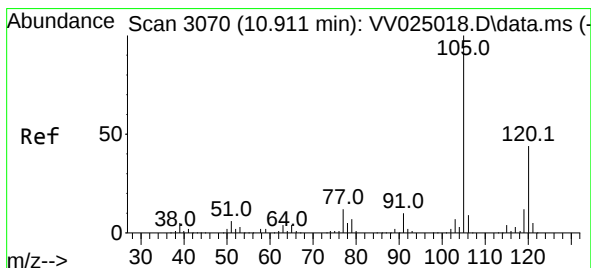
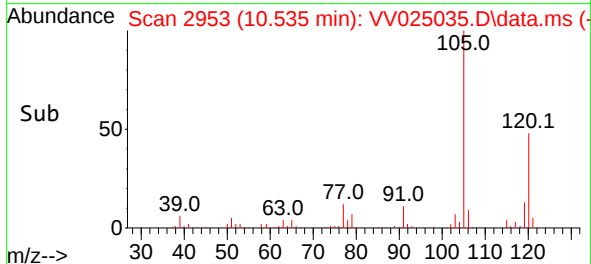
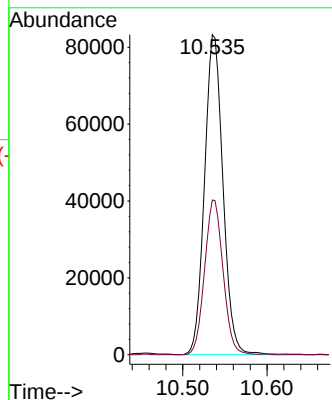
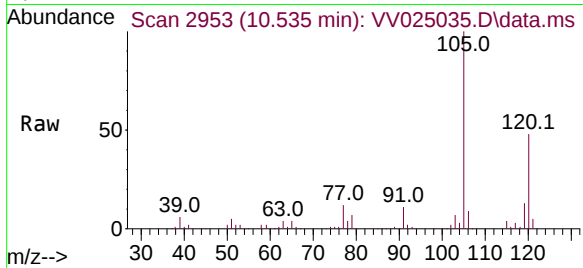




#62
 1,3,5-Trimethylbenzene
 Concen: 5.217 ug/L
 RT: 10.535 min Scan# 2954
 Delta R.T. -0.003 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

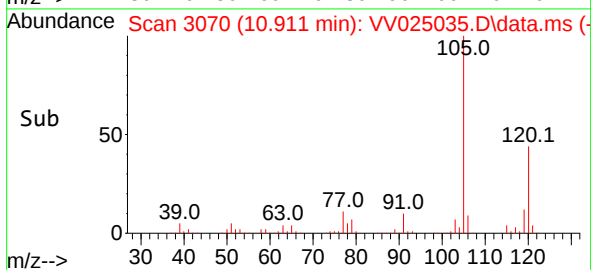
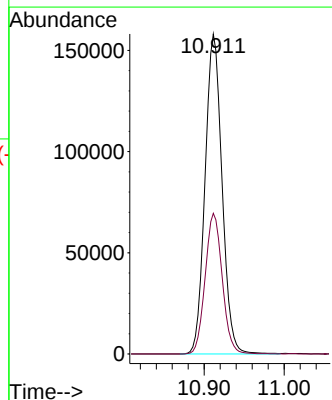
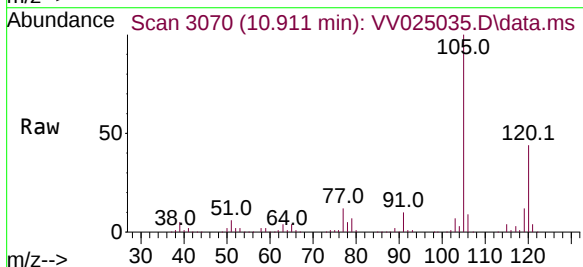
Instrument :
 MSVOA_V
 ClientSampleId :

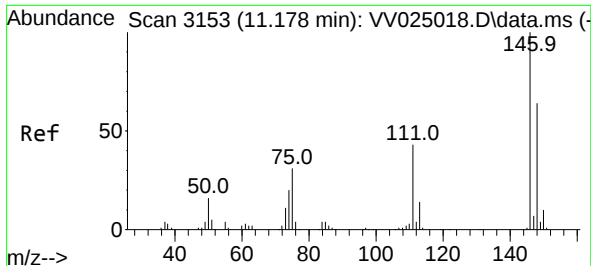
Tgt Ion:105 Resp: 126876
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.5 57.7



#63
 1,2,4-Trimethylbenzene
 Concen: 5.431 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

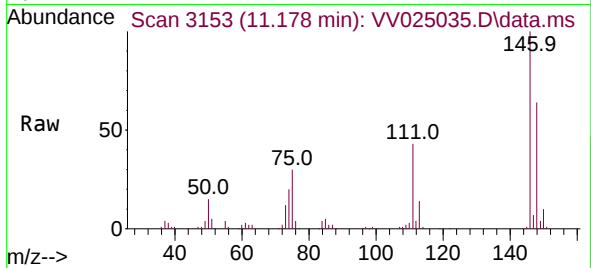
Tgt Ion:105 Resp: 233926
 Ion Ratio Lower Upper
 105 100
 120 44.2 35.8 53.8



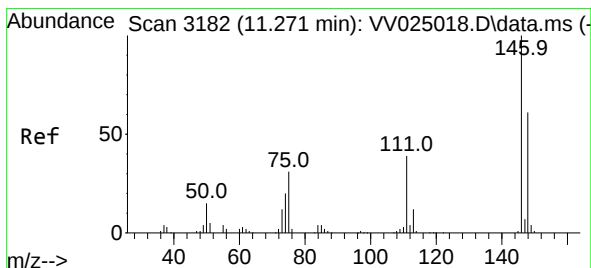
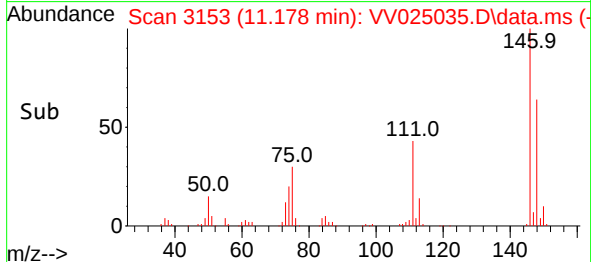
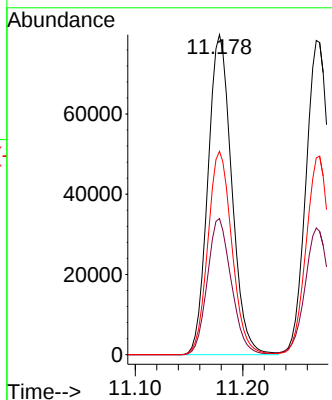


#64
1,3-Dichlorobenzene
Concen: 5.285 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Instrument :
MSVOA_V
ClientSampleId :

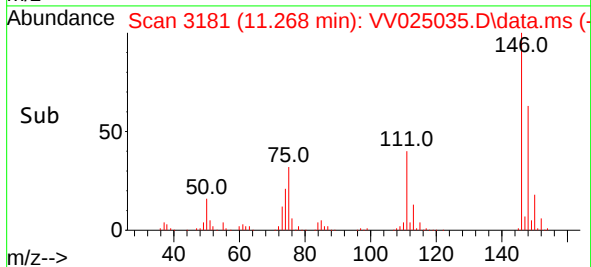
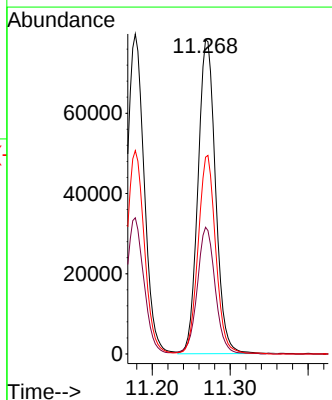
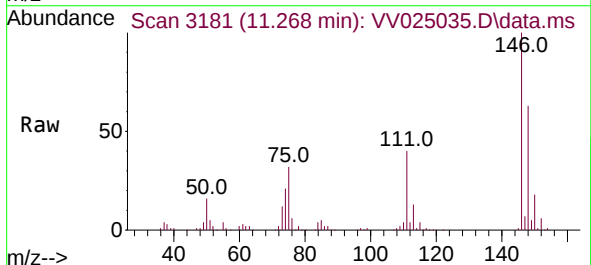


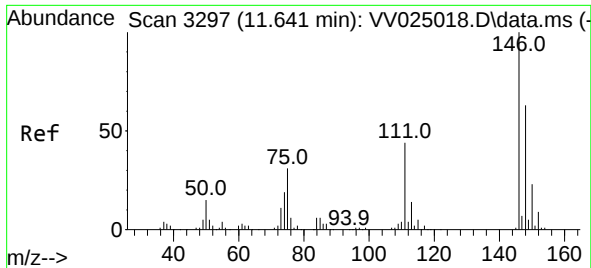
Tgt Ion:146 Resp: 122868
Ion Ratio Lower Upper
146 100
111 42.6 29.2 54.2
148 63.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.225 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion:146 Resp: 122450
Ion Ratio Lower Upper
146 100
111 40.3 28.2 52.4
148 62.6 43.8 81.4

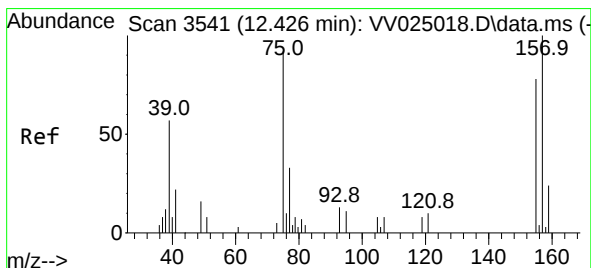
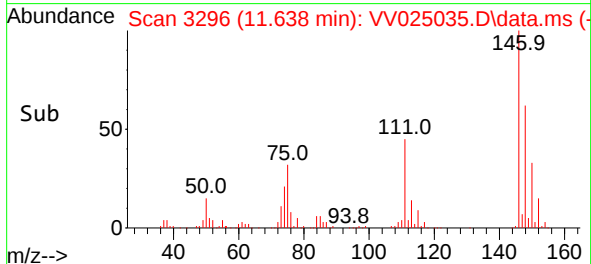
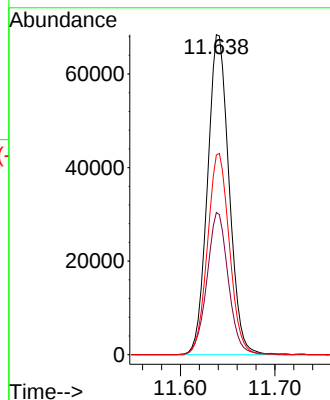
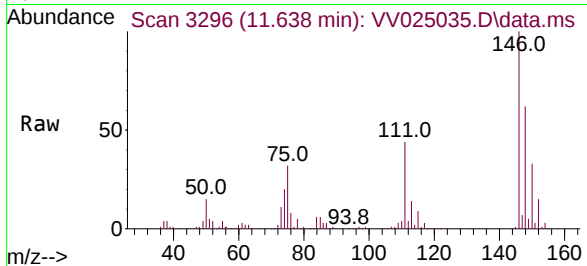




#67
1,2-Dichlorobenzene
Concen: 5.248 ug/L
RT: 11.638 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

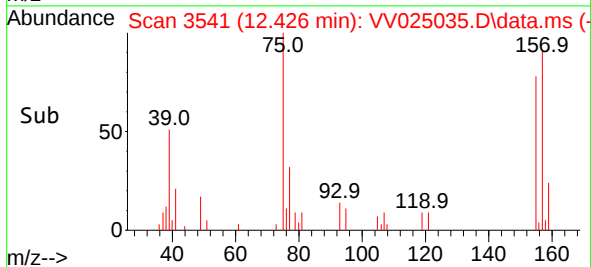
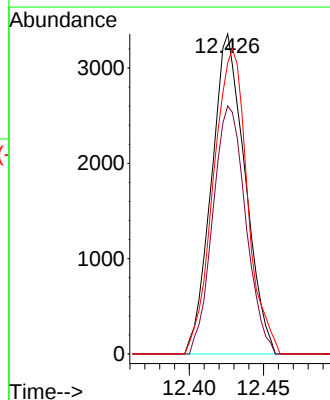
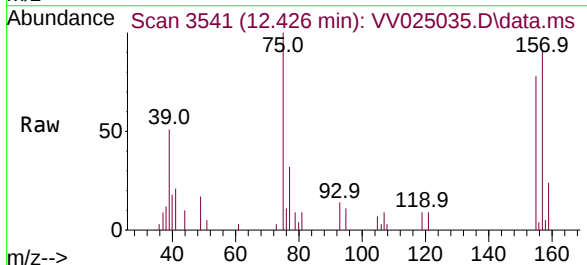
Instrument :
MSVOA_V
ClientSampleId :

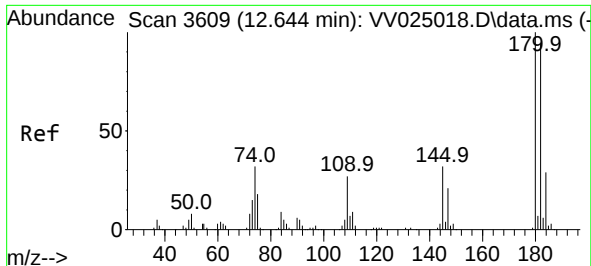
Tgt Ion:146 Resp: 108104
Ion Ratio Lower Upper
146 100
111 44.4 35.5 53.3
148 62.4 49.7 74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.152 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

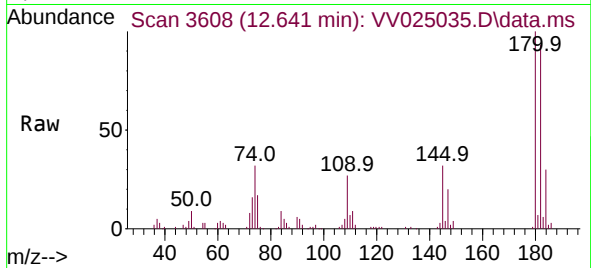
Tgt Ion: 75 Resp: 5279
Ion Ratio Lower Upper
75 100
155 77.5 65.9 98.9
157 90.9 89.7 134.5



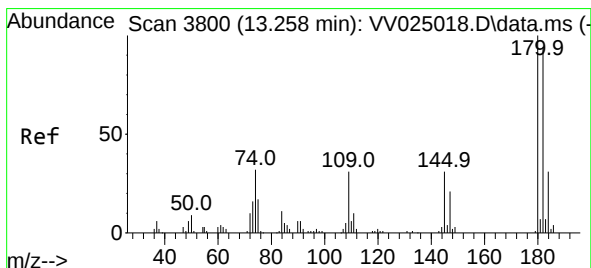
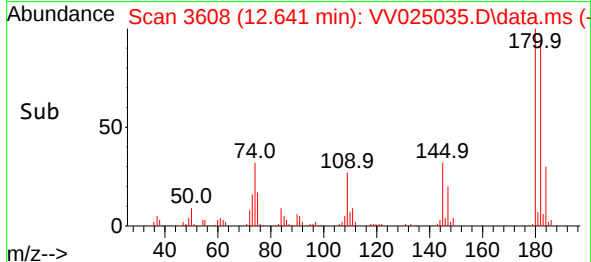
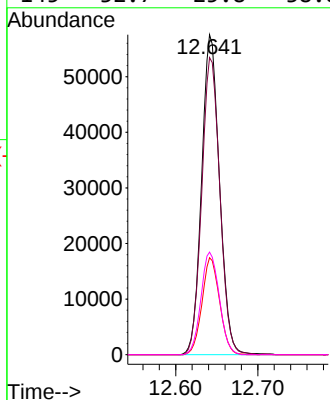


#69
 1,3,5-Trichlorobenzene
 Concen: 5.321 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.003 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

Instrument :
 MSVOA_V
 ClientSampleId :

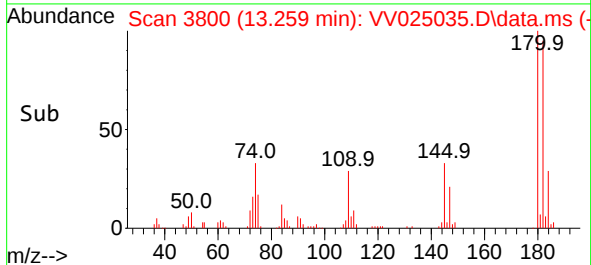
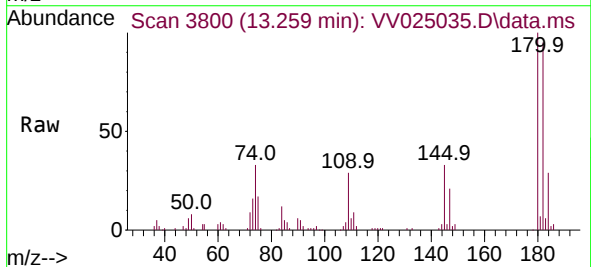
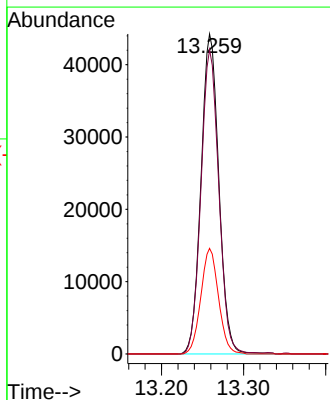


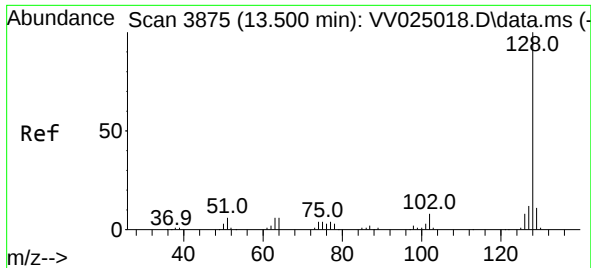
Tgt Ion:180 Resp: 87381
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.0
 184 29.7 24.2 36.4
 145 32.7 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.224 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025035.D
 Acq: 16 Mar 2022 09:41

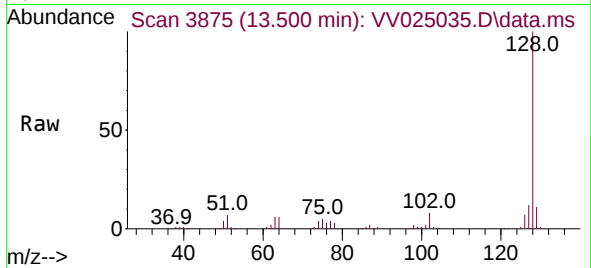
Tgt Ion:180 Resp: 66847
 Ion Ratio Lower Upper
 180 100
 182 95.0 74.6 112.0
 145 32.6 26.1 39.1



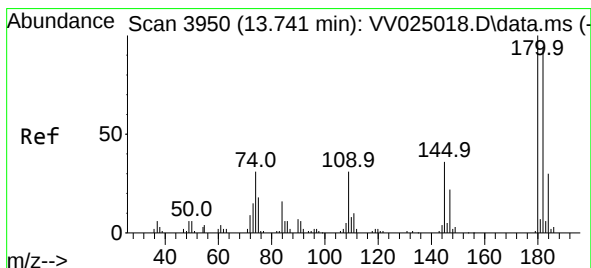
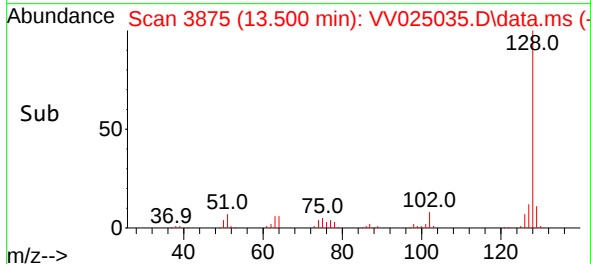
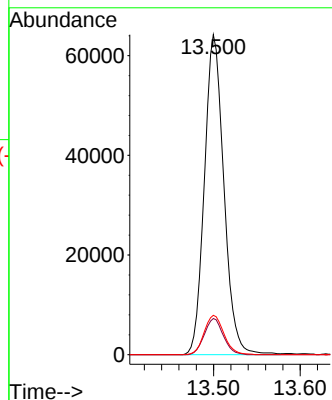


#71
Naphthalene
Concen: 4.725 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 100381
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.5 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.182 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025035.D
Acq: 16 Mar 2022 09:41

Tgt Ion:180 Resp: 56178
Ion Ratio Lower Upper
180 100
182 92.6 74.8 112.2
145 34.0 27.6 41.4

