

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025117.D
 Acq On : 21 Mar 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 01:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	158969	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	147523	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71907	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53149	4.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.568	69	43399	4.722	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.400%
11) 1,1-Dichloroethene-d2	2.111	63	93535	4.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.889	46	96683	63.743	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.480%
24) Chloroform-d	4.346	84	100535	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.030	65	42115	4.839	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.046	84	203295	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.066	67	59724	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	185061	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.619	79	20910	4.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.085	63	81848	55.935	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.860%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	38095	5.262	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59456	4.884	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	68012	4.842	ug/L	98
3) Chloromethane	1.243	50	61821	4.667	ug/L	100
5) Vinyl chloride	1.314	62	69077	4.942	ug/L	98
6) Bromomethane	1.523	94	42950	4.755	ug/L	99
8) Chloroethane	1.587	64	41815	4.934	ug/L	100
9) Trichlorofluoromethane	1.754	101	95084	5.002	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	55494	5.384	ug/L	100
12) 1,1-Dichloroethene	2.121	96	52763	5.210	ug/L	94
13) Acetone	2.182	43	62662	61.772	ug/L	82
14) Carbon disulfide	2.294	76	167552	4.624	ug/L	100
15) Methyl Acetate	2.439	43	16838	6.059	ug/L	91
16) Methylene chloride	2.506	84	62262	5.074	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	117889	5.344	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	61519	5.048	ug/L	99
19) 1,1-Dichloroethane	3.188	63	106694	5.144	ug/L	99
21) 2-Butanone	3.973	43	94862	59.250	ug/L	81
22) cis-1,2-Dichloroethene	3.908	96	65850	5.352	ug/L	93
23) Bromochloromethane	4.246	128	26387	5.439	ug/L	93
25) Chloroform	4.371	83	111836	5.178	ug/L	98

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 Data File : VW025117.D
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 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 22 01:29:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

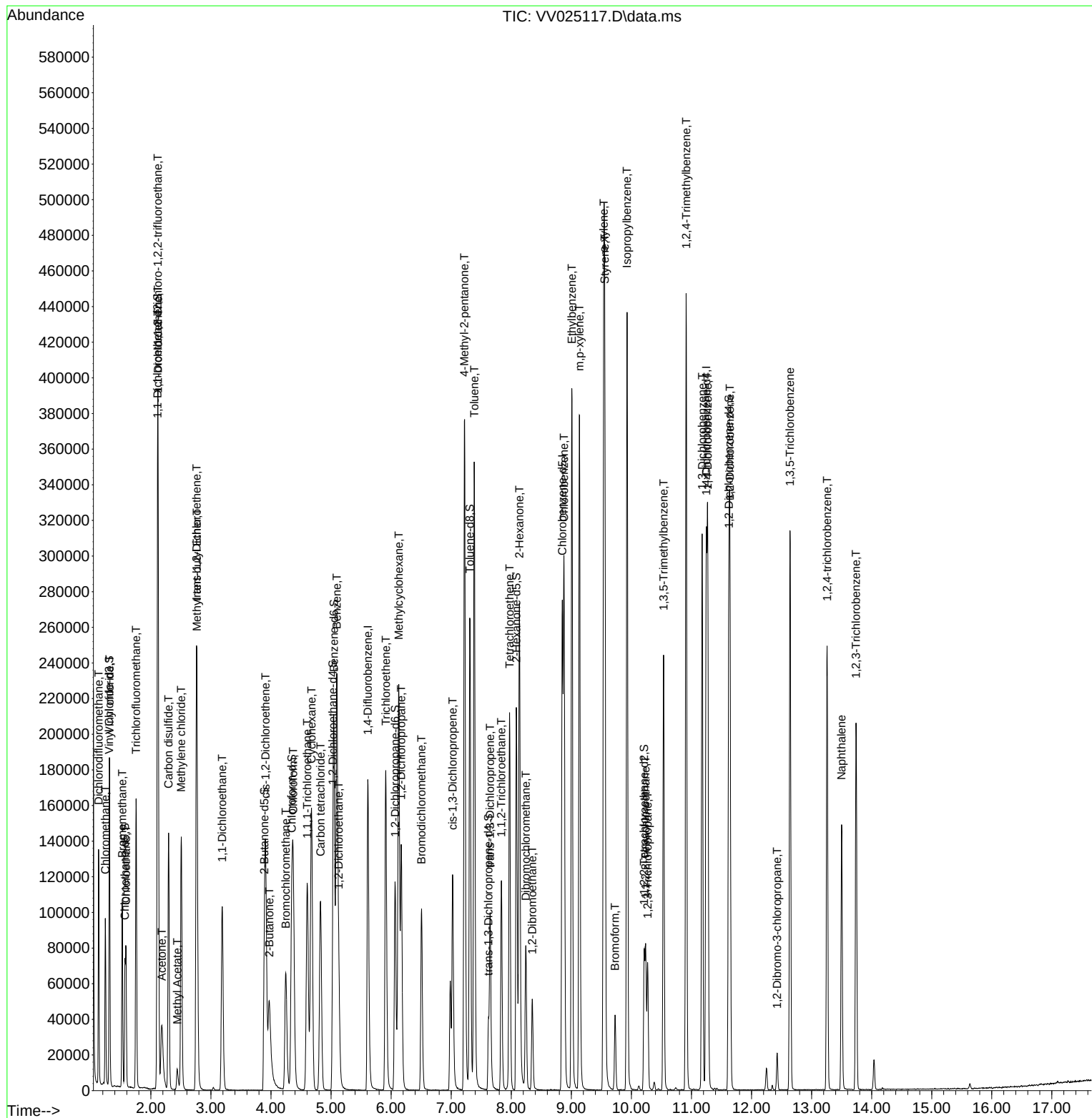
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	55549	5.173	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	97708	5.194	ug/L	99
30) Cyclohexane	4.673	56	89652	4.898	ug/L	97
31) Carbon tetrachloride	4.825	117	84032	5.206	ug/L	100
33) Benzene	5.095	78	244266	5.091	ug/L	100
34) Trichloroethene	5.911	95	65313	5.112	ug/L	97
35) Methylcyclohexane	6.127	83	102972	5.091	ug/L	99
37) 1,2-Dichloropropane	6.169	63	58997	5.350	ug/L	99
38) Bromodichloromethane	6.506	83	71823	5.151	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	79948	5.222	ug/L	96
40) 4-Methyl-2-pentanone	7.220	43	237165	52.270	ug/L	98
42) Toluene	7.384	91	268234	5.342	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	62399	5.180	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	38428	5.218	ug/L	96
47) Tetrachloroethene	7.972	164	46772	5.204	ug/L	97
48) 2-Hexanone	8.136	43	167001	51.917	ug/L	97
49) Dibromochloromethane	8.242	129	42104	5.107	ug/L	99
50) 1,2-Dibromoethane	8.349	107	35416	5.255	ug/L	98
51) Chlorobenzene	8.879	112	165623	5.267	ug/L	100
52) Ethylbenzene	9.008	91	287376	5.410	ug/L	100
53) m,p-xylene	9.136	106	110918	5.422	ug/L	98
54) o-xylene	9.538	106	105753	5.406	ug/L	94
55) Styrene	9.558	104	176847	5.551	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	38988	5.400	ug/L	96
59) Bromoform	9.728	173	18810	4.857	ug/L	100
60) Isopropylbenzene	9.927	105	286925	5.291	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29779	4.924	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	131925	5.361	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	241829	5.549	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	125675	5.343	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	123997	5.229	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	108215	5.192	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5483	5.289	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	90600	5.453	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	71547	5.527	ug/L	98
71) Naphthalene	13.500	128	116824	5.434	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	60131	5.482	ug/L	99

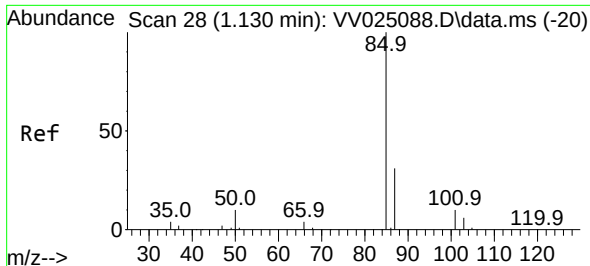
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032122\
 Data File : VV025117.D
 Acq On : 21 Mar 2022 16:05
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

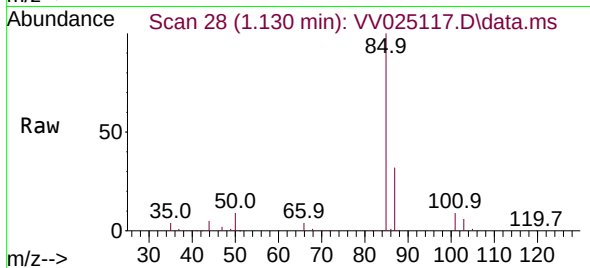
Quant Time: Mar 22 01:29:10 2022
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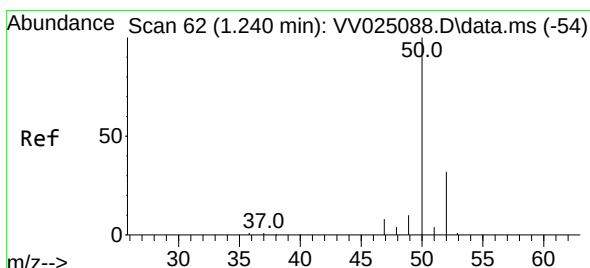
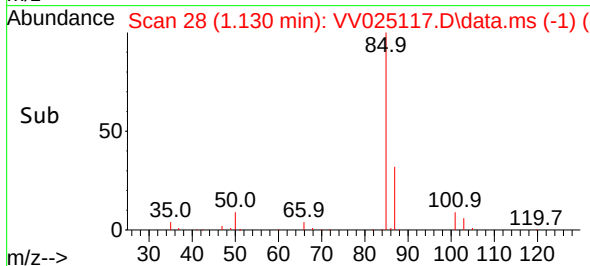
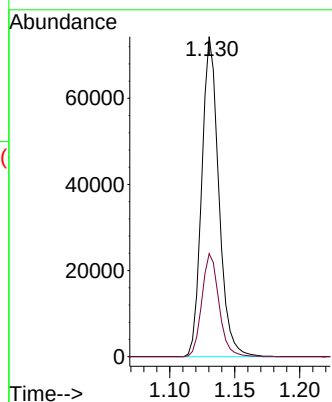


#2
 Dichlorodifluoromethane
 Concen: 4.842 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Instrument :
 MSVOA_V
 ClientSampleId :

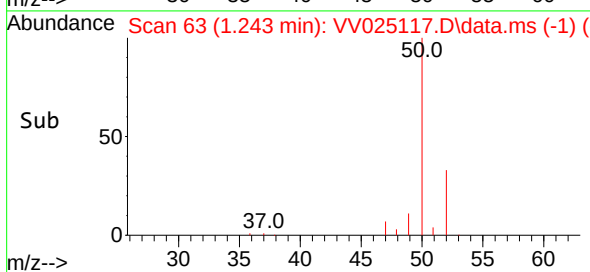
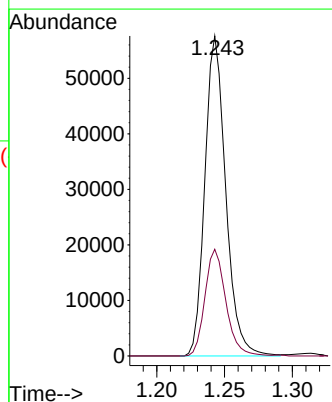
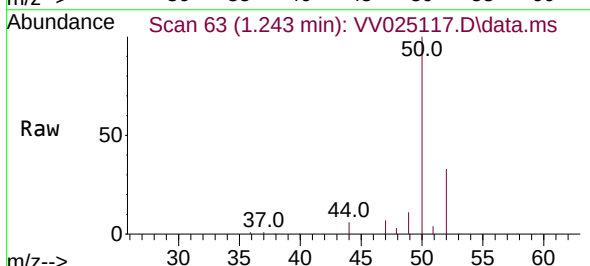


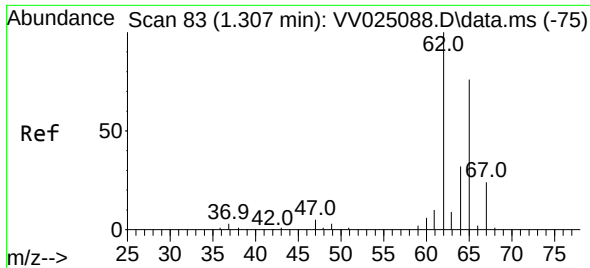
Tgt Ion: 85 Resp: 68012
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.7 40.1



#3
 Chloromethane
 Concen: 4.667 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Tgt Ion: 50 Resp: 61821
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

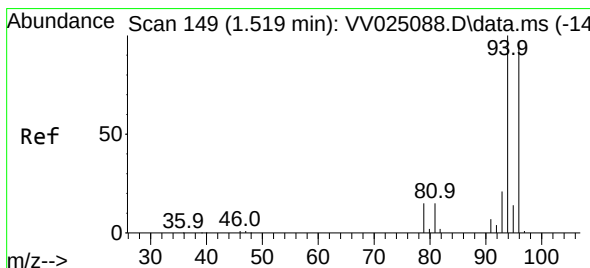
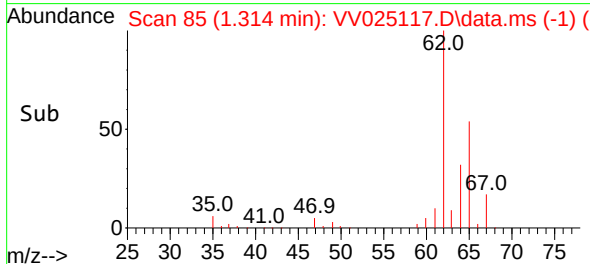
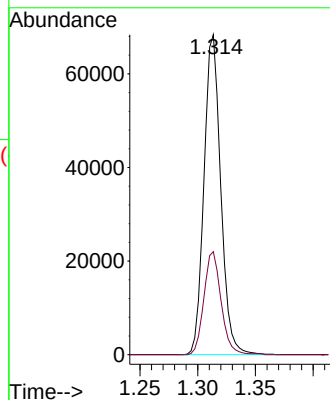
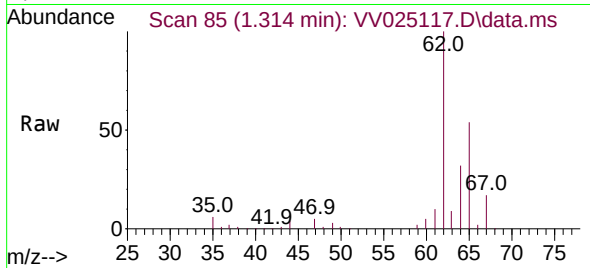




#5
 Vinyl chloride
 Concen: 4.942 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

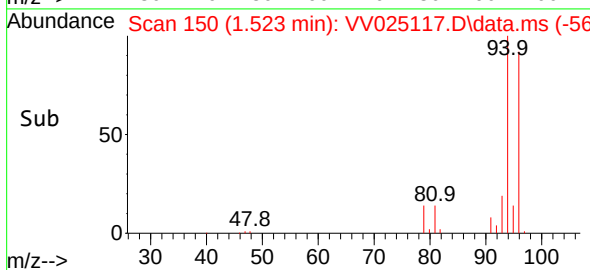
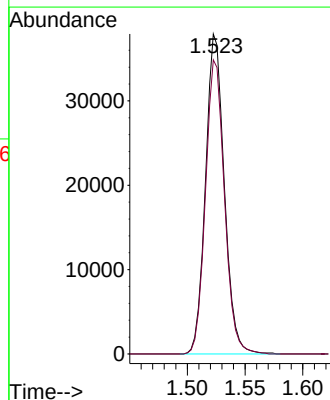
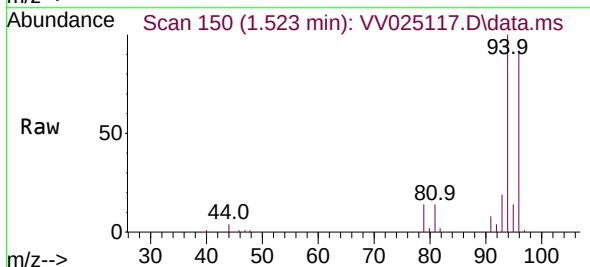
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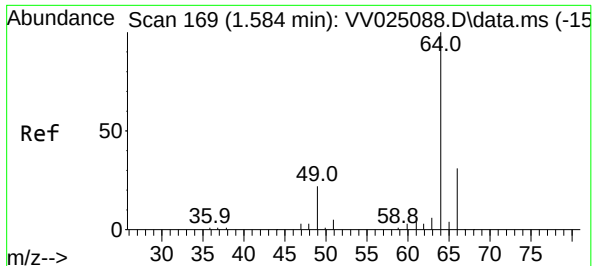
Tgt Ion: 62 Resp: 69077
 Ion Ratio Lower Upper
 62 100
 64 32.2 23.4 43.4



#6
 Bromomethane
 Concen: 4.755 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Tgt Ion: 94 Resp: 42950
 Ion Ratio Lower Upper
 94 100
 96 91.9 64.9 120.5

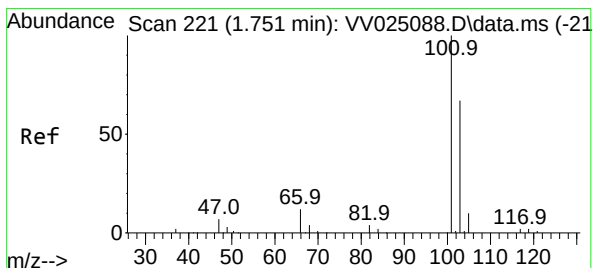
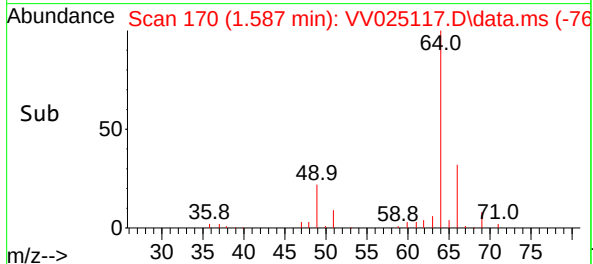
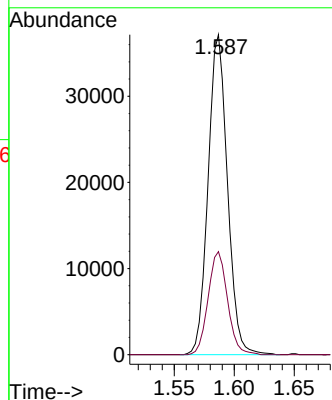
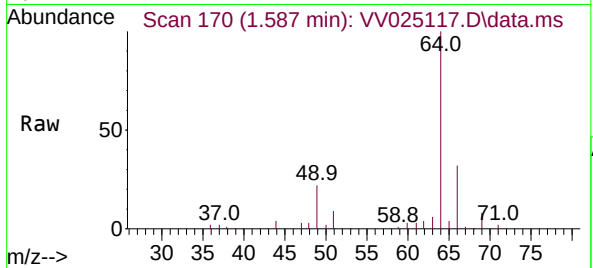




#8
Chloroethane
Concen: 4.934 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

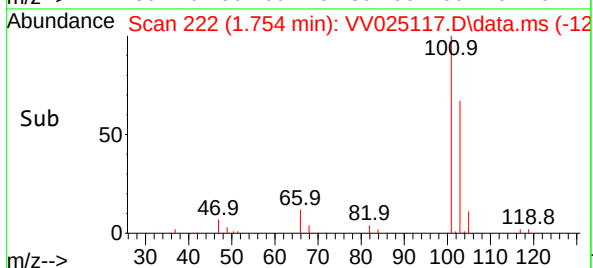
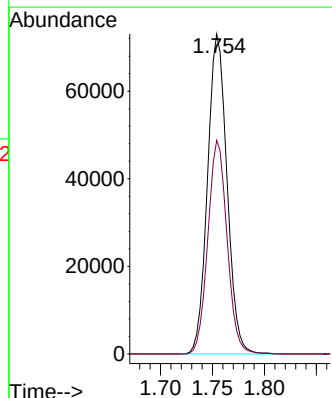
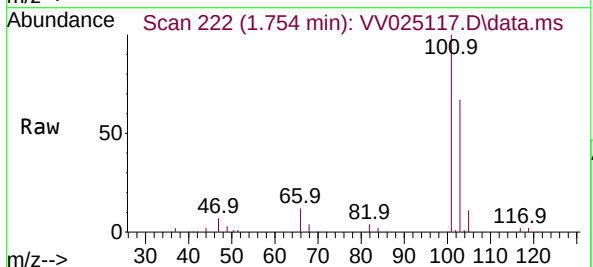
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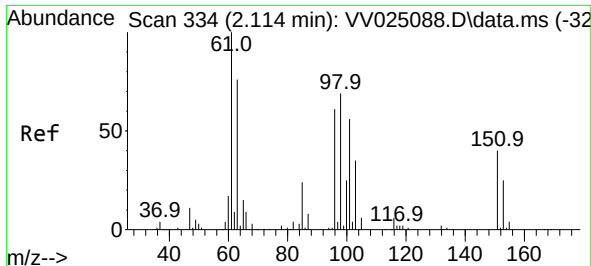
Tgt Ion: 64 Resp: 41815
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.002 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion:101 Resp: 95084
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

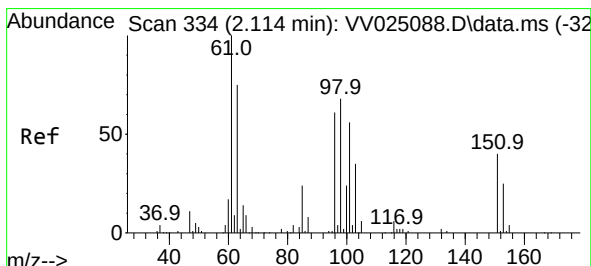
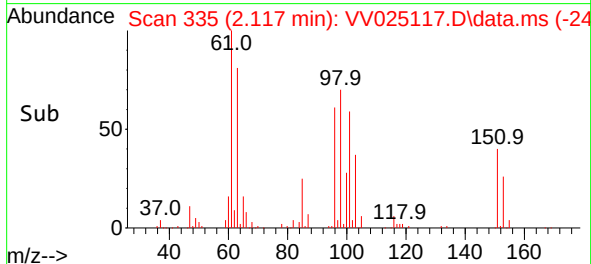
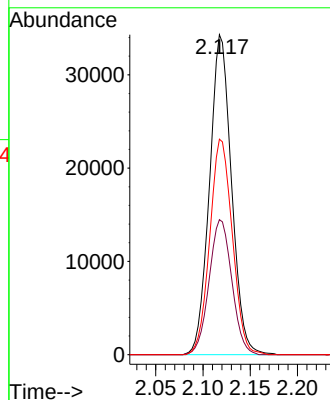
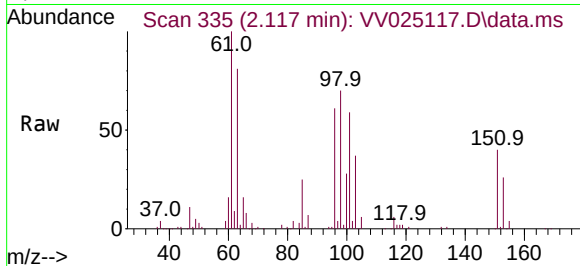




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.384 ug/L
 RT: 2.117 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

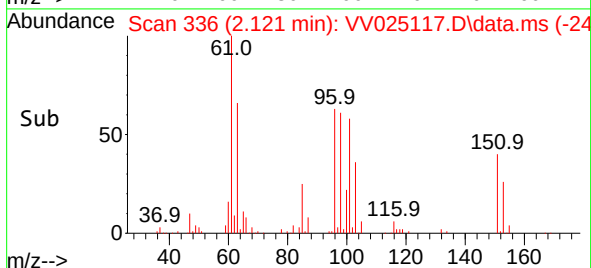
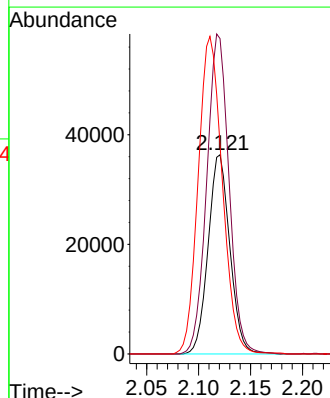
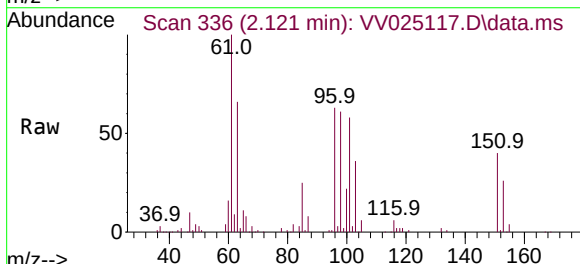
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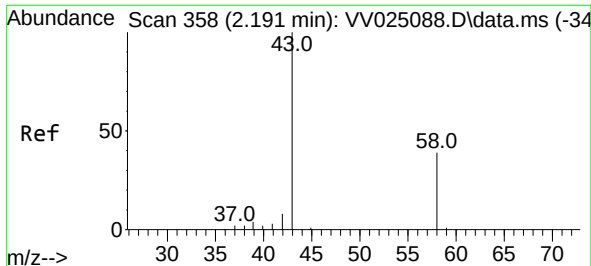
Tgt Ion:101 Resp: 55494
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.8 52.2
 151 69.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.210 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Tgt Ion: 96 Resp: 52763
 Ion Ratio Lower Upper
 96 100
 61 158.2 113.0 209.9
 63 105.0 82.1 152.5





#13

Acetone

Concen: 61.772 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

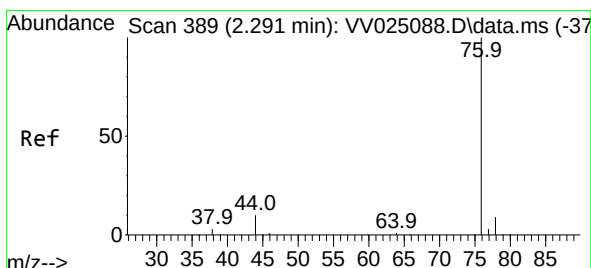
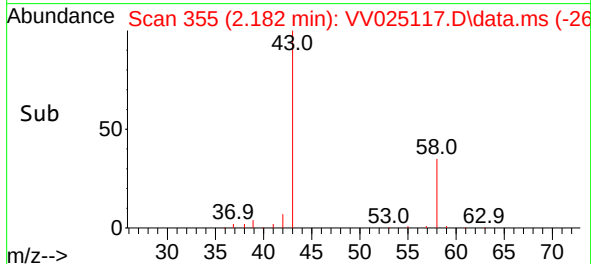
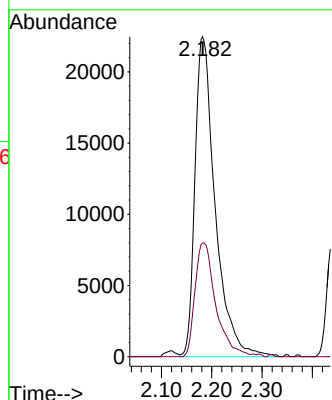
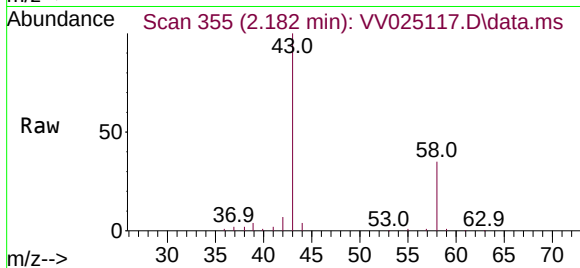
ClientSampleId :

Tgt Ion: 43 Resp: 62662

Ion Ratio Lower Upper

43 100

58 36.5 0.0 54.2



#14

Carbon disulfide

Concen: 4.624 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025117.D

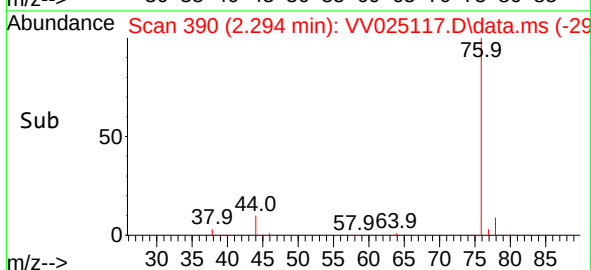
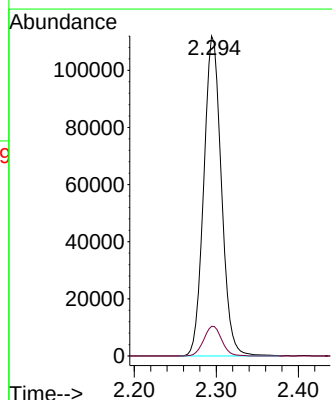
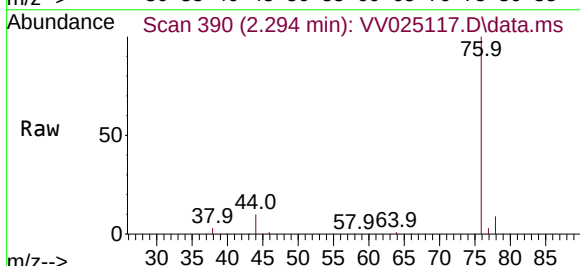
Acq: 21 Mar 2022 16:05

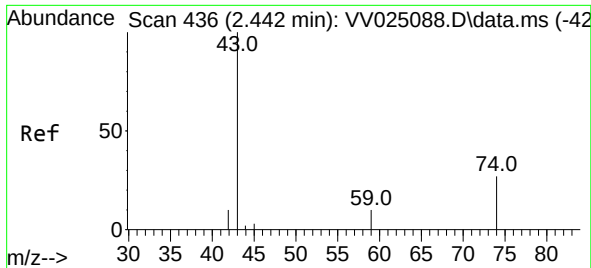
Tgt Ion: 76 Resp: 167552

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 6.059 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.003 min

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Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

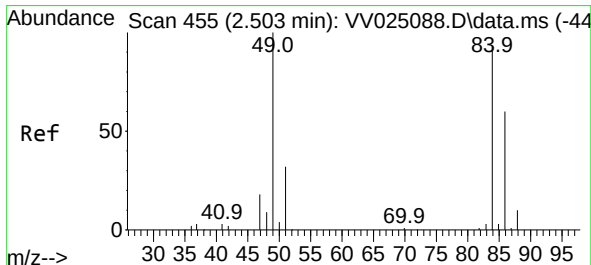
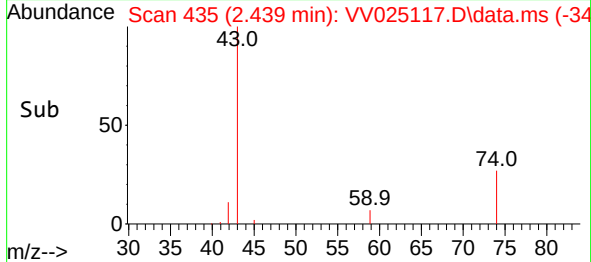
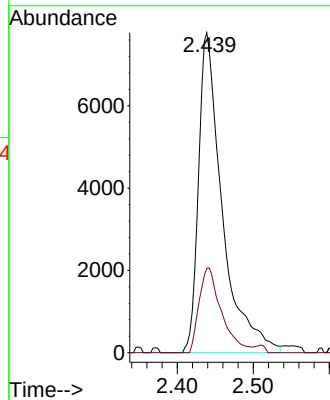
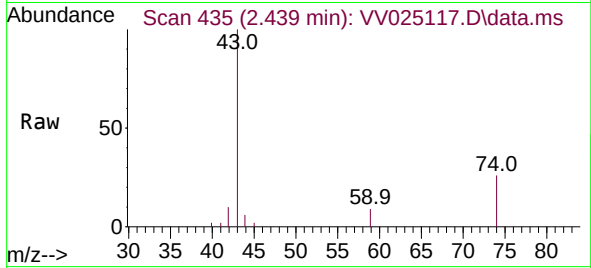
ClientSampleId :

Tgt Ion: 43 Resp: 16838

Ion Ratio Lower Upper

43 100

74 25.2 24.2 36.4



#16

Methylene chloride

Concen: 5.074 ug/L

RT: 2.506 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

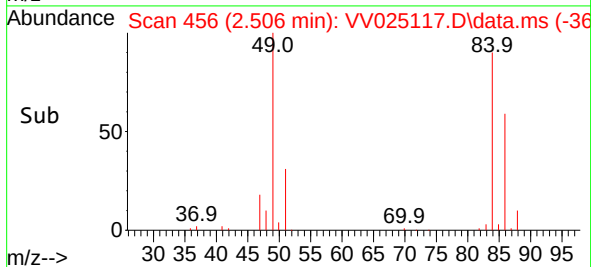
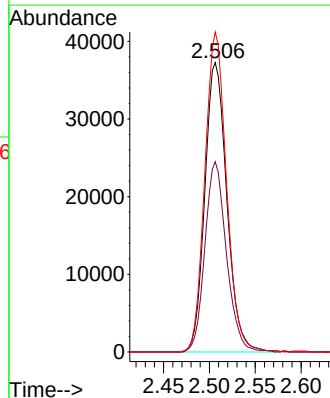
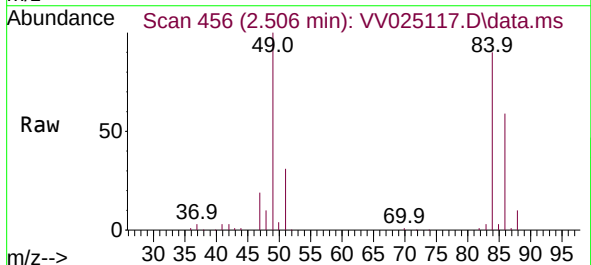
Tgt Ion: 84 Resp: 62262

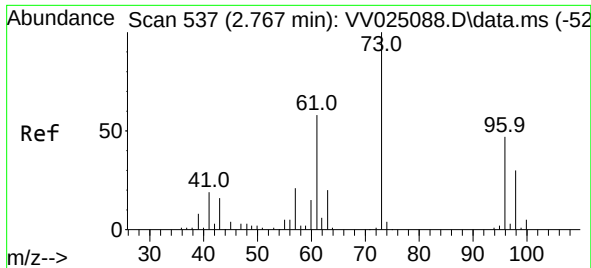
Ion Ratio Lower Upper

84 100

86 65.7 45.5 84.5

49 110.5 75.0 139.2

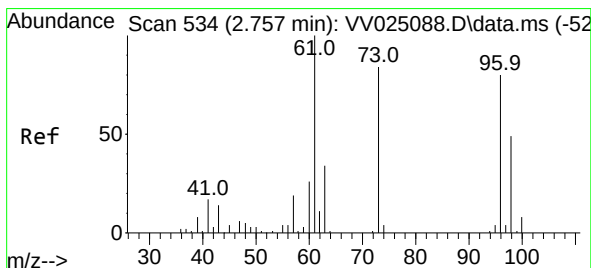
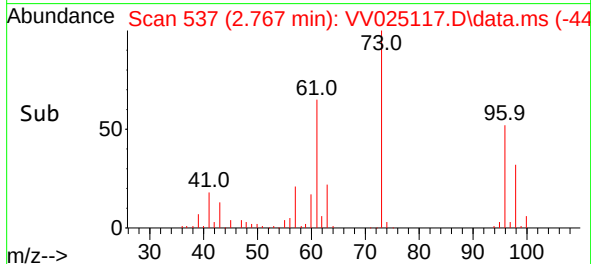
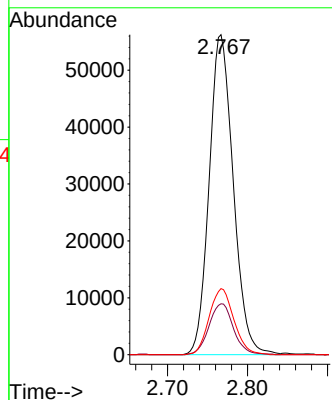
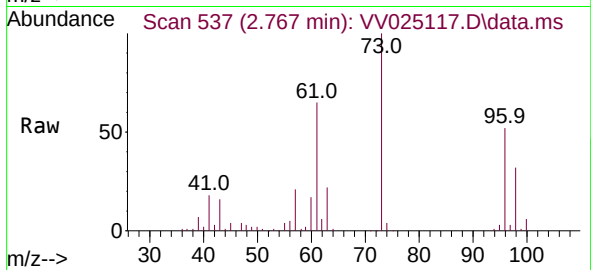




#17
Methyl tert-butyl Ether
Concen: 5.344 ug/L
RT: 2.767 min Scan# 511
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

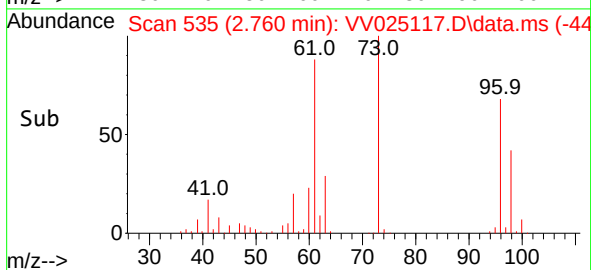
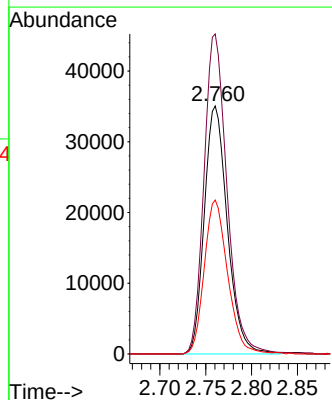
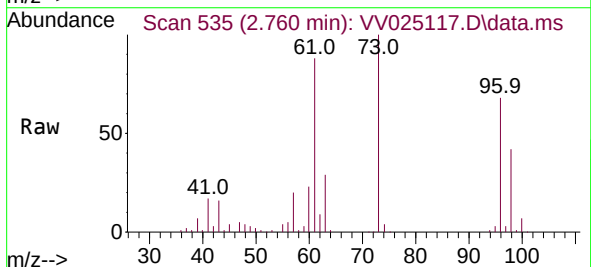
Instrument :
MSVOA_V
ClientSampleId :

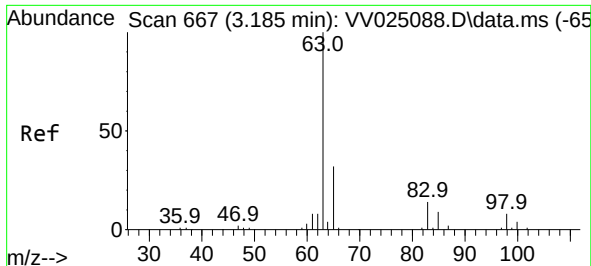
Tgt Ion: 73 Resp: 117889
Ion Ratio Lower Upper
73 100
43 16.2 13.2 19.8
57 21.1 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 5.048 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion: 96 Resp: 61519
Ion Ratio Lower Upper
96 100
61 129.0 89.2 165.6
98 62.1 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.144 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

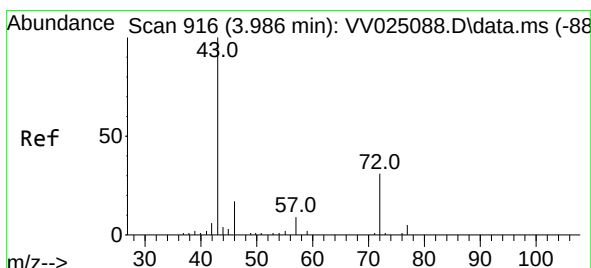
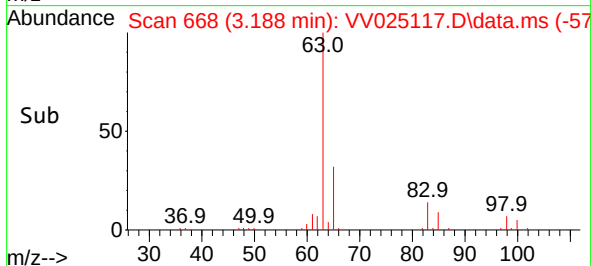
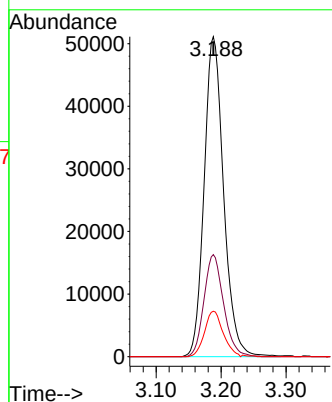
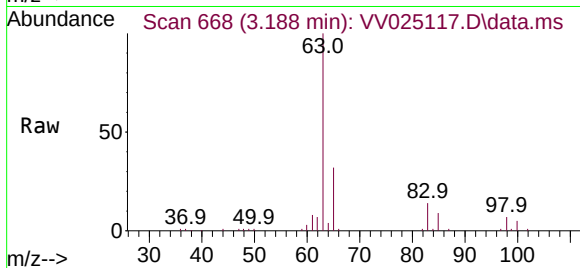
Tgt Ion: 63 Resp: 106694

Ion Ratio Lower Upper

63 100

65 31.9 22.2 41.2

83 14.2 9.4 17.4



#21

2-Butanone

Concen: 59.250 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.013 min

Lab File: VV025117.D

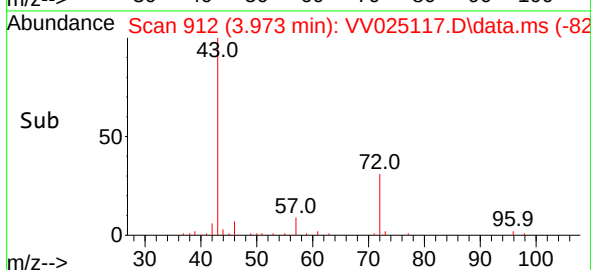
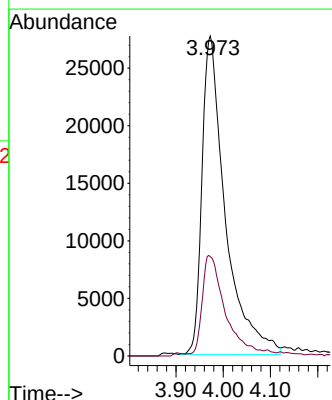
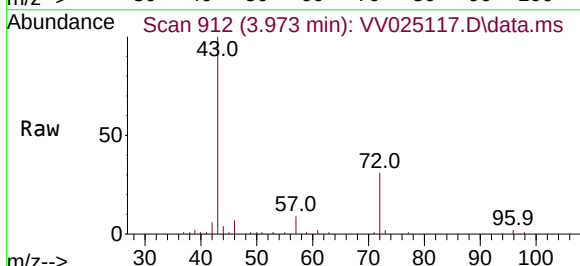
Acq: 21 Mar 2022 16:05

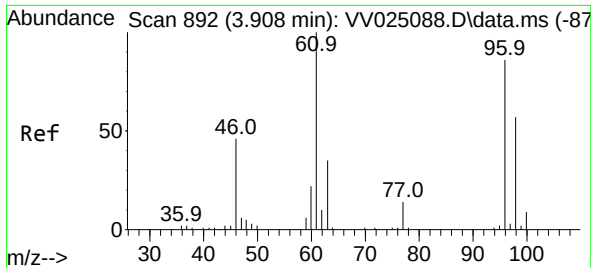
Tgt Ion: 43 Resp: 94862

Ion Ratio Lower Upper

43 100

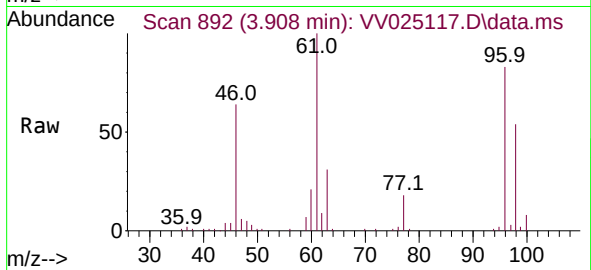
72 29.9 10.4 31.2



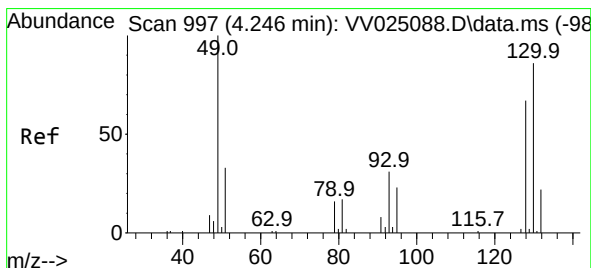
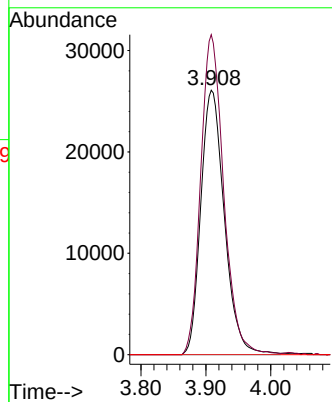
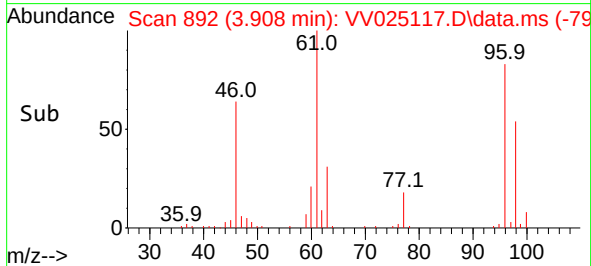


#22
 cis-1,2-Dichloroethene
 Concen: 5.352 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Instrument :
 MSVOA_V
 ClientSampleId :

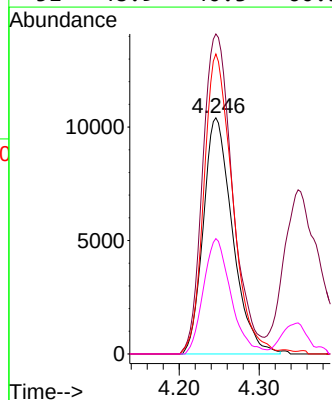
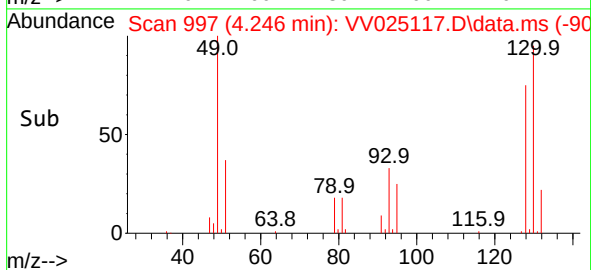
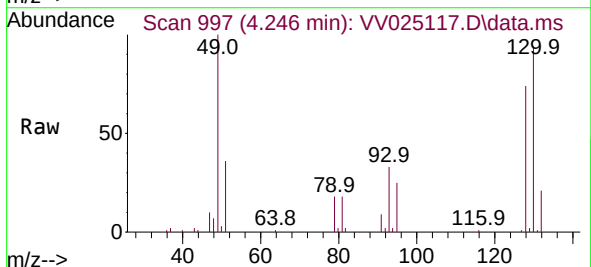


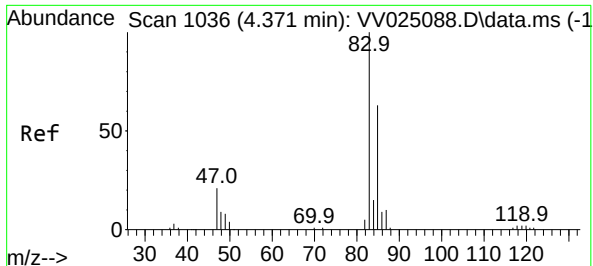
Tgt Ion: 96 Resp: 65850
 Ion Ratio Lower Upper
 96 100
 61 121.0 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.439 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Tgt Ion: 128 Resp: 26387
 Ion Ratio Lower Upper
 128 100
 49 135.5 107.5 199.7
 130 127.0 89.4 166.0
 51 48.9 40.3 60.5





#25

Chloroform

Concen: 5.178 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

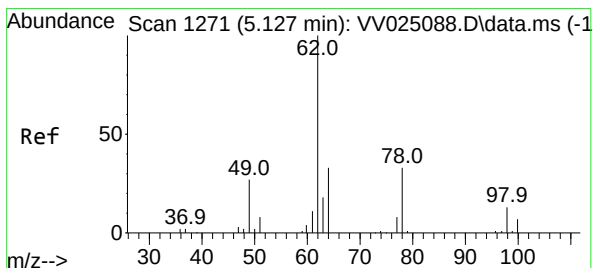
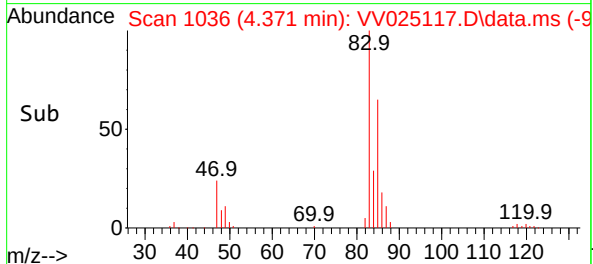
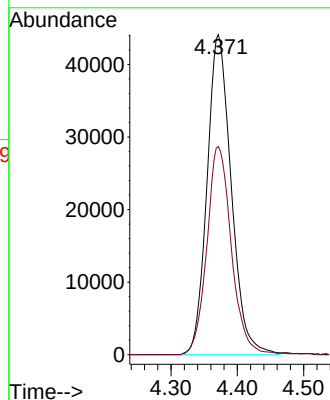
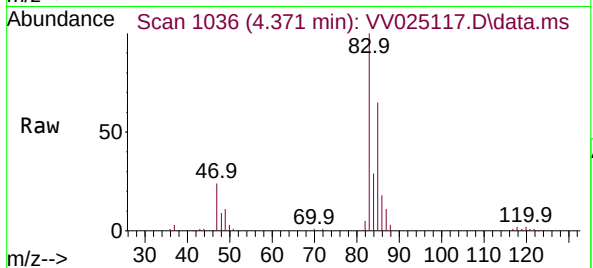
ClientSampleId :

Tgt Ion: 83 Resp: 111836

Ion Ratio Lower Upper

83 100

85 65.1 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.173 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025117.D

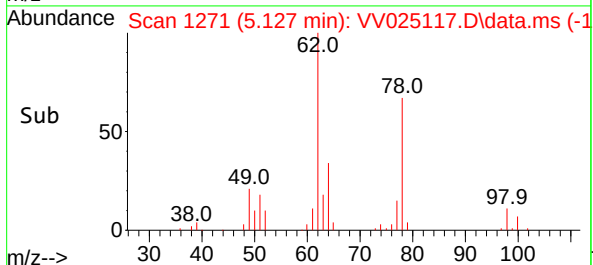
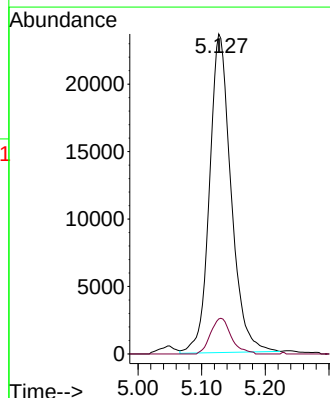
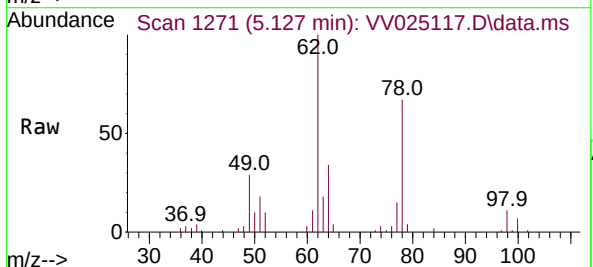
Acq: 21 Mar 2022 16:05

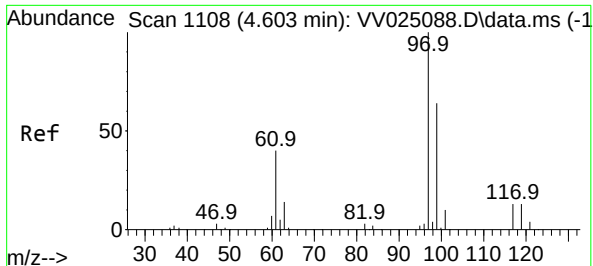
Tgt Ion: 62 Resp: 55549

Ion Ratio Lower Upper

62 100

98 11.0 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.194 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

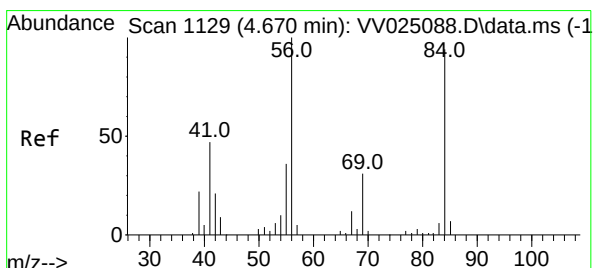
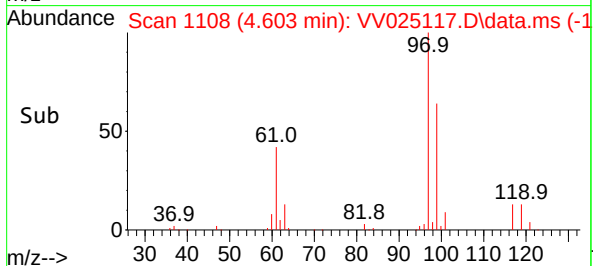
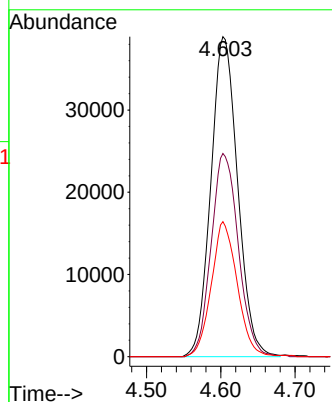
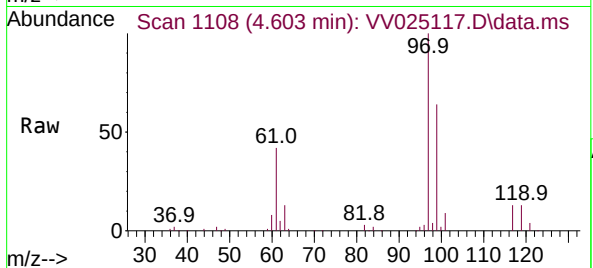
Tgt Ion: 97 Resp: 97708

Ion Ratio Lower Upper

97 100

99 64.4 50.7 76.1

61 40.7 32.4 48.6



#30

Cyclohexane

Concen: 4.898 ug/L

RT: 4.673 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

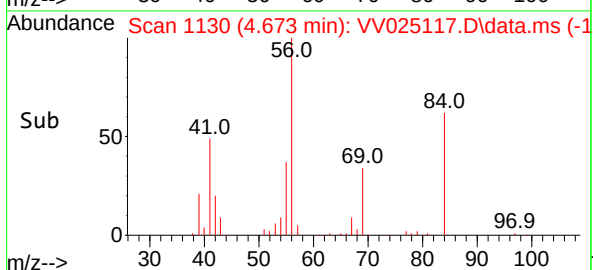
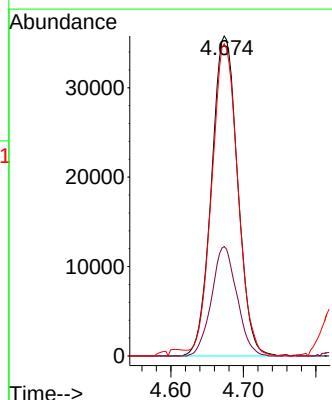
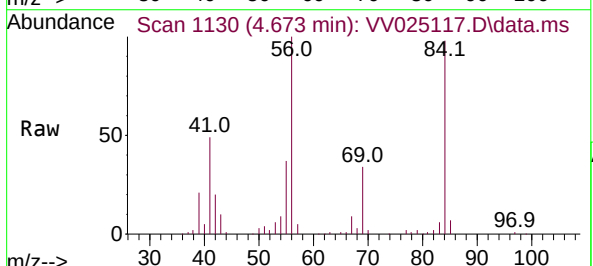
Tgt Ion: 56 Resp: 89652

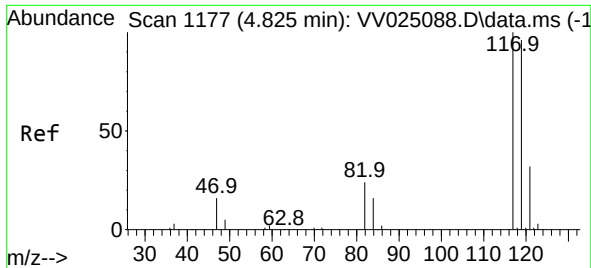
Ion Ratio Lower Upper

56 100

69 33.2 24.9 37.3

84 97.2 75.9 113.9

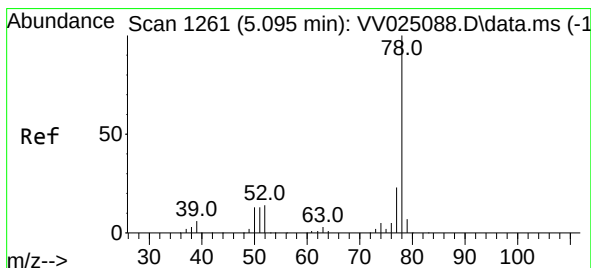
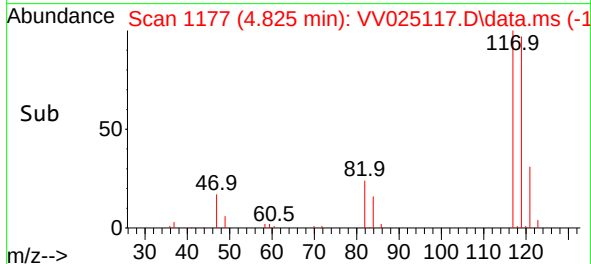
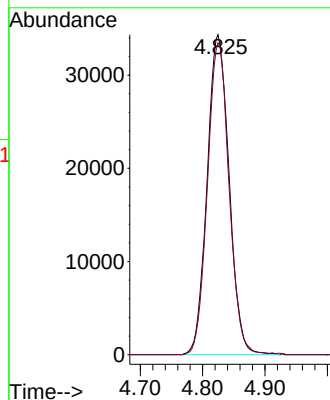
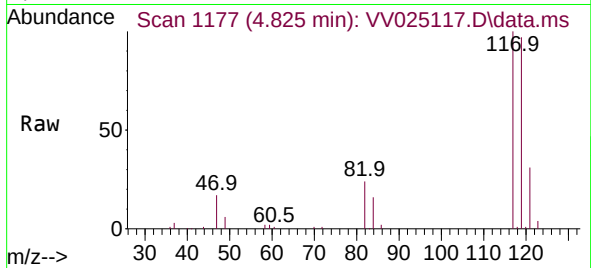




#31
Carbon tetrachloride
Concen: 5.206 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

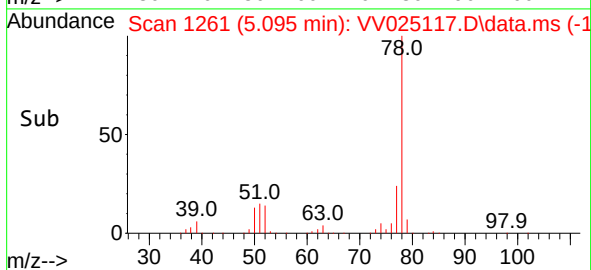
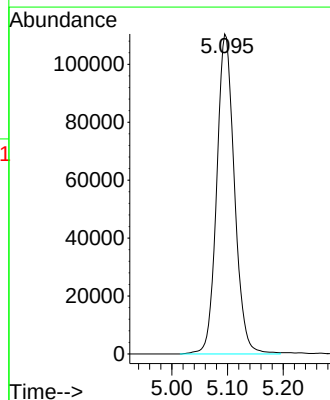
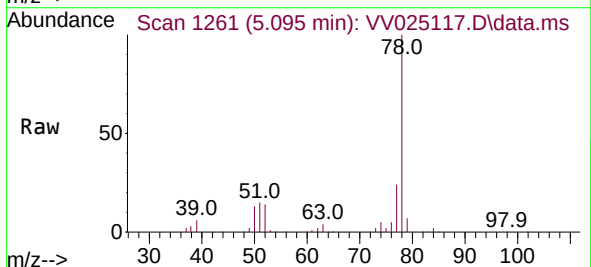
Instrument :
MSVOA_V
ClientSampleId :

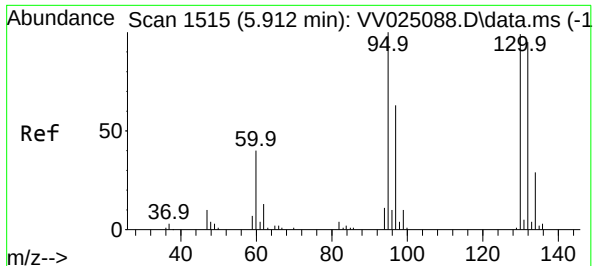
Tgt Ion:117 Resp: 84032
Ion Ratio Lower Upper
117 100
119 95.9 76.8 115.2



#33
Benzene
Concen: 5.091 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion: 78 Resp: 244266





#34

Trichloroethene

Concen: 5.112 ug/L

RT: 5.911 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 65313

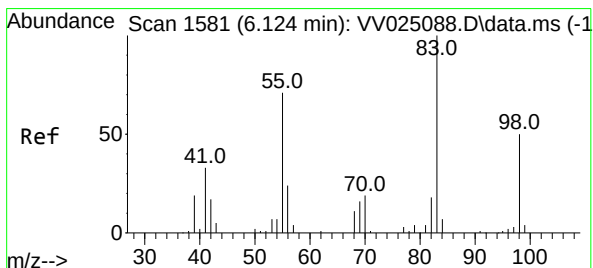
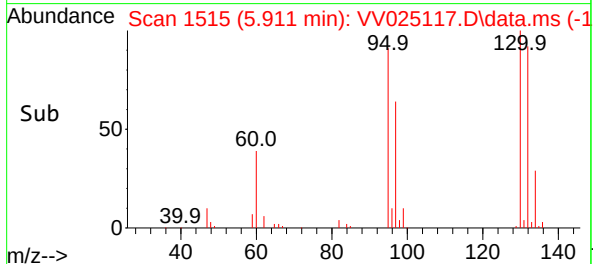
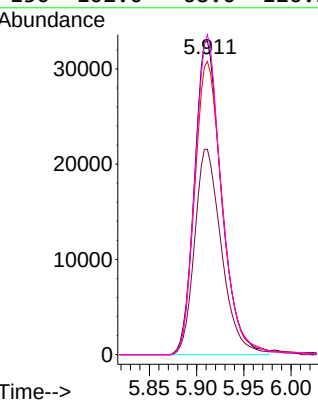
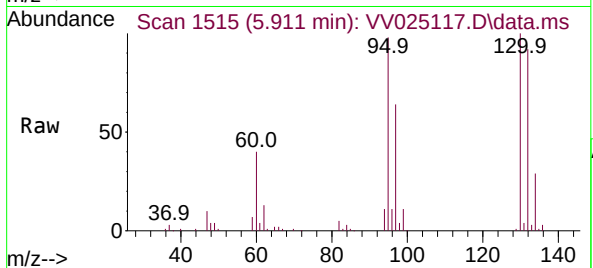
Ion Ratio Lower Upper

95 100

97 65.5 44.5 82.7

132 93.5 66.5 123.5

130 102.0 68.0 126.2



#35

Methylcyclohexane

Concen: 5.091 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

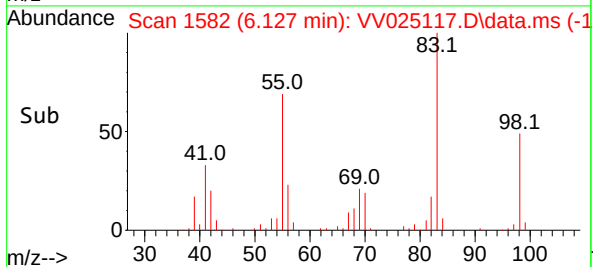
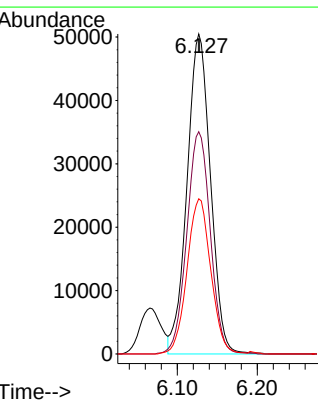
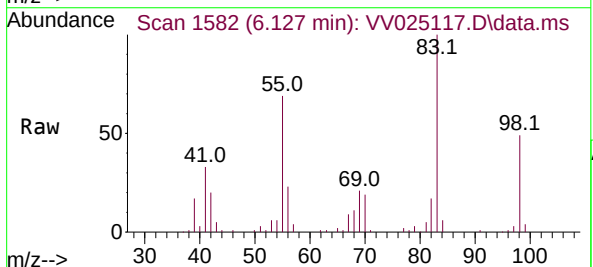
Tgt Ion: 83 Resp: 102972

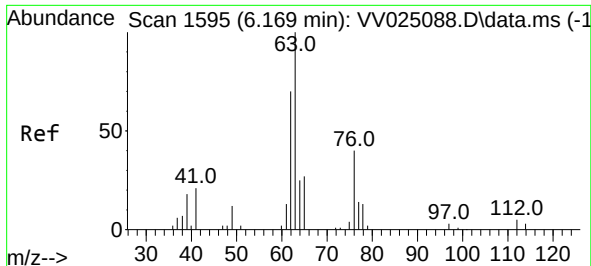
Ion Ratio Lower Upper

83 100

55 69.7 55.4 83.0

98 49.2 38.4 57.6

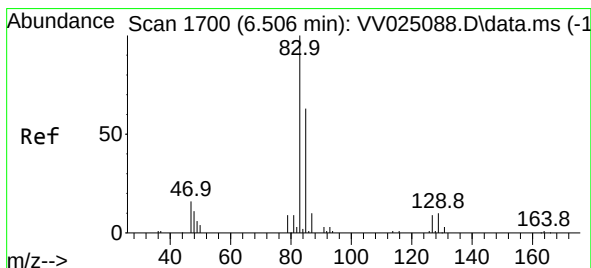
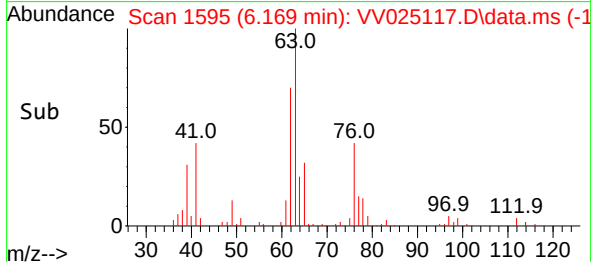
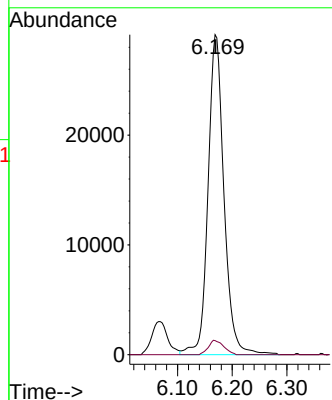
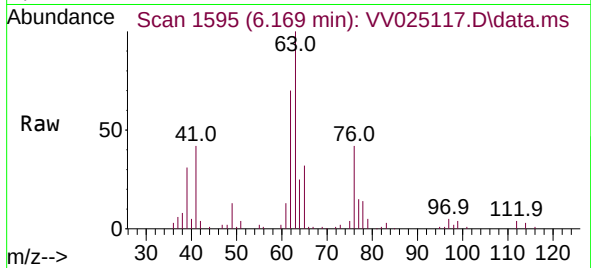




#37
1,2-Dichloropropane
Concen: 5.350 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

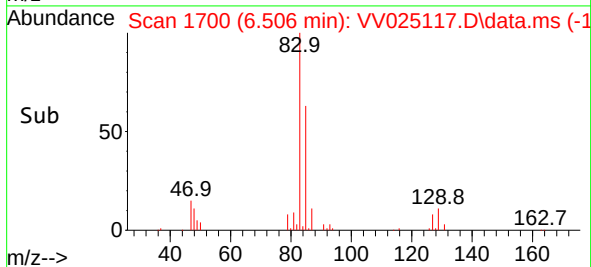
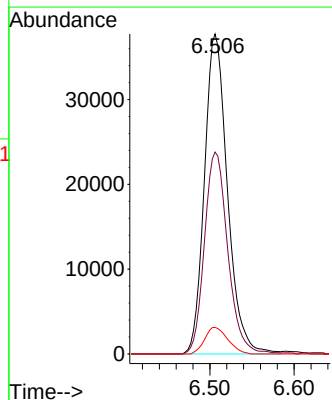
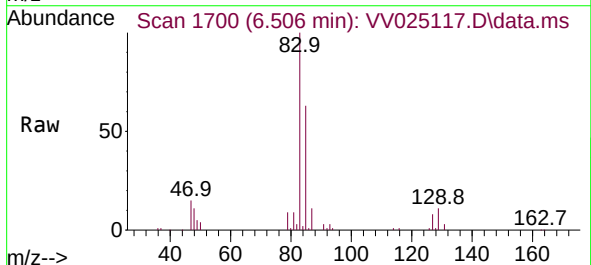
Instrument :
MSVOA_V
ClientSampleId :

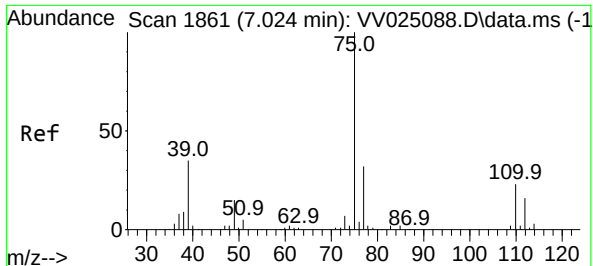
Tgt Ion: 63 Resp: 58997
Ion Ratio Lower Upper
63 100
112 4.3 3.8 5.6



#38
Bromodichloromethane
Concen: 5.151 ug/L
RT: 6.506 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion: 83 Resp: 71823
Ion Ratio Lower Upper
83 100
85 63.1 44.8 83.2
127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.222 ug/L

RT: 7.024 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

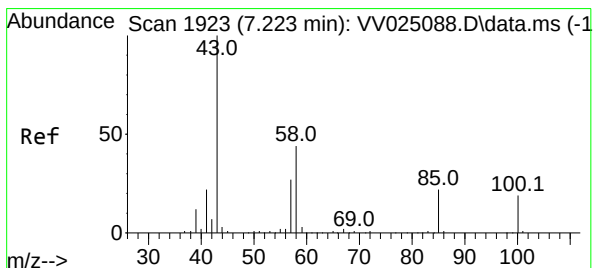
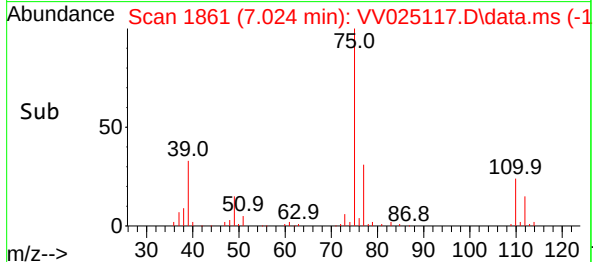
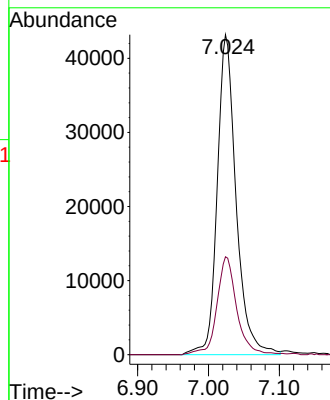
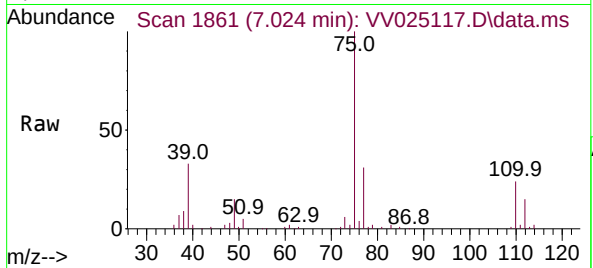
ClientSampleId :

Tgt Ion: 75 Resp: 79948

Ion Ratio Lower Upper

75 100

77 30.6 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 52.270 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

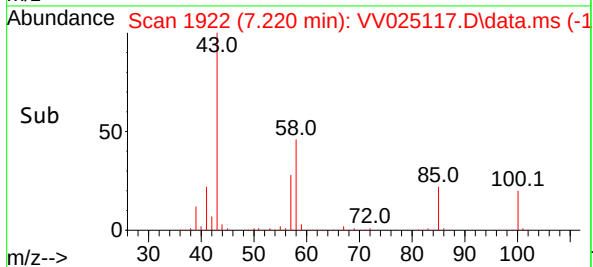
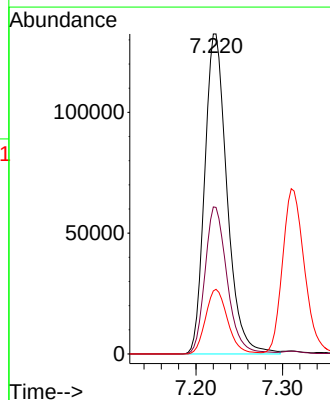
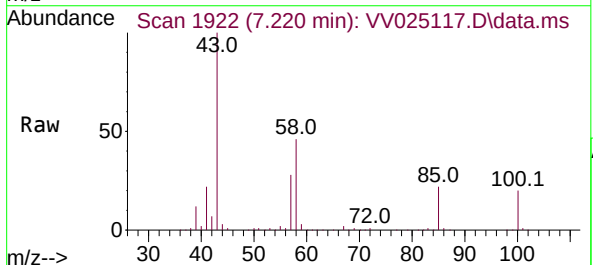
Tgt Ion: 43 Resp: 237165

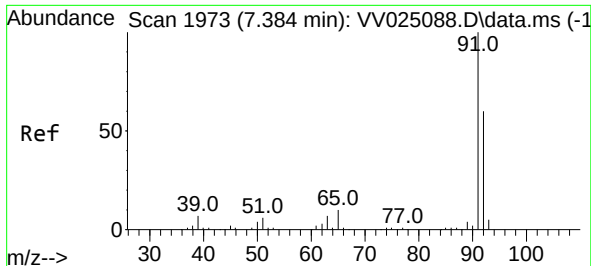
Ion Ratio Lower Upper

43 100

58 45.7 36.6 55.0

100 19.9 13.8 20.8





#42

Toluene

Concen: 5.342 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

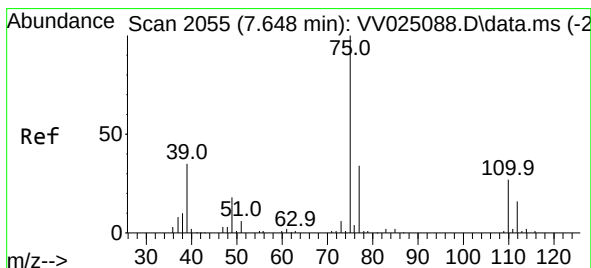
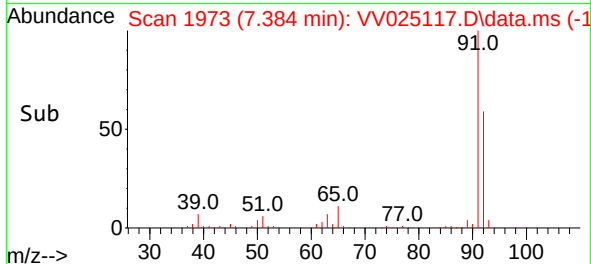
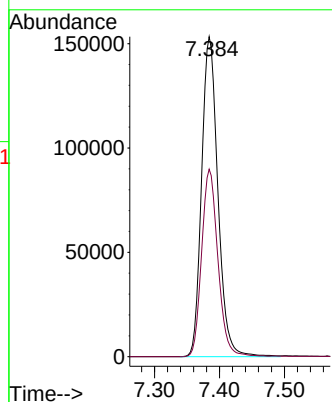
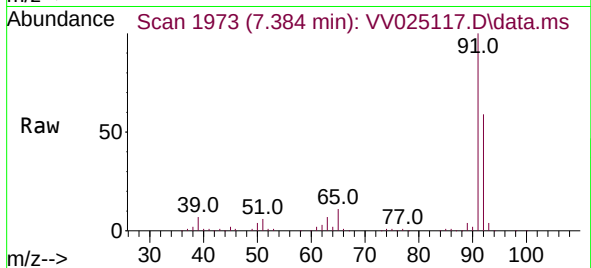
ClientSampleId :

Tgt Ion: 91 Resp: 268234

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.180 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025117.D

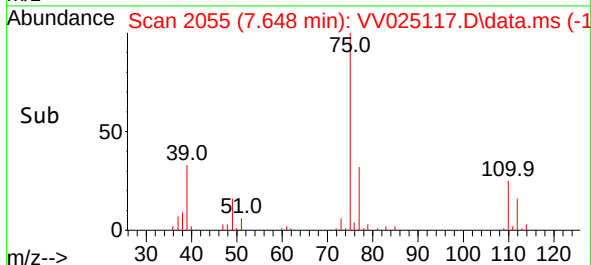
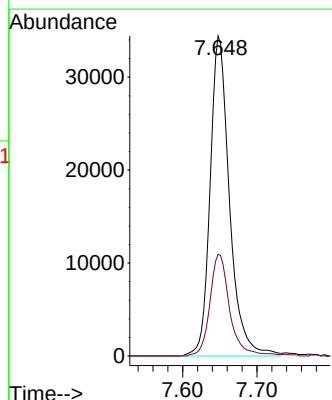
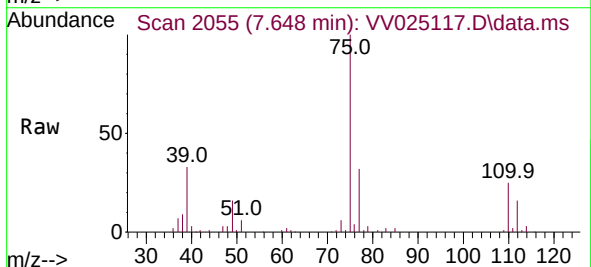
Acq: 21 Mar 2022 16:05

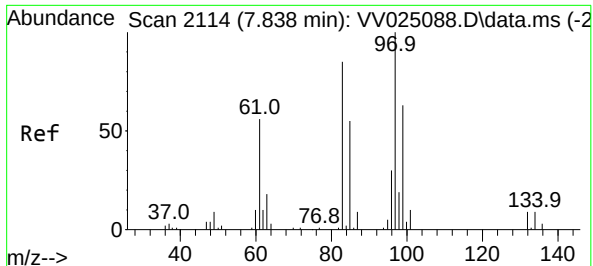
Tgt Ion: 75 Resp: 62399

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.6





#45

1,1,2-Trichloroethane

Concen: 5.218 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 38428

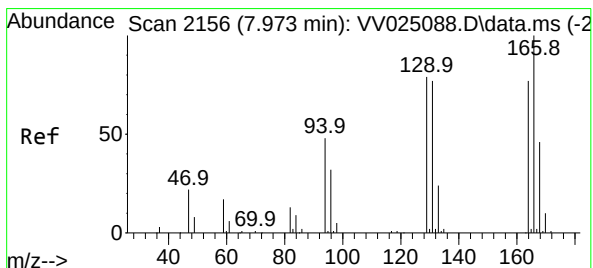
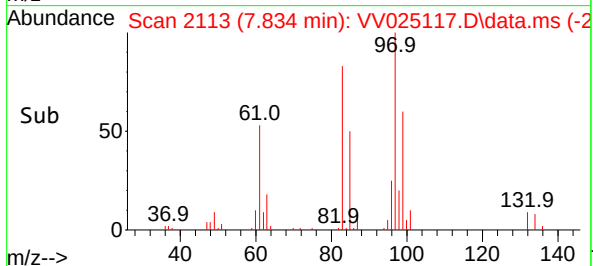
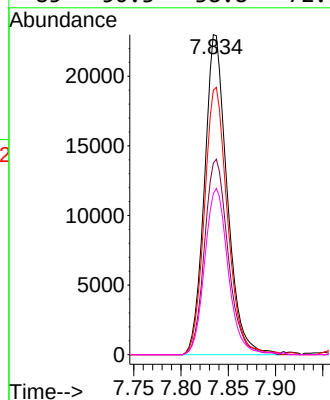
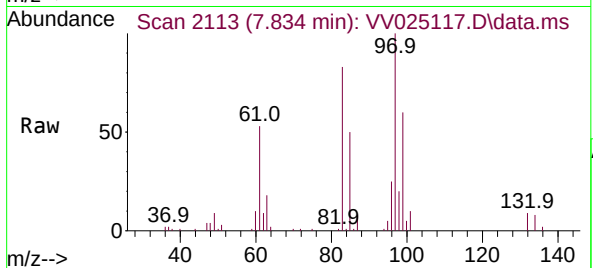
Ion Ratio Lower Upper

97 100

99 59.8 43.7 81.1

83 82.7 58.9 109.3

85 50.3 38.8 72.0



#47

Tetrachloroethene

Concen: 5.204 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Tgt Ion:164 Resp: 46772

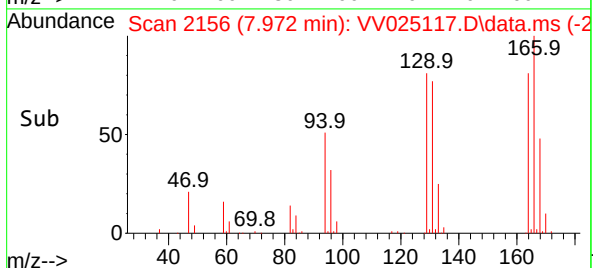
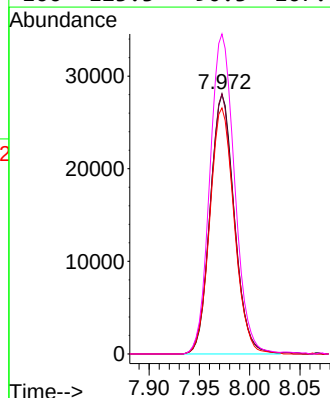
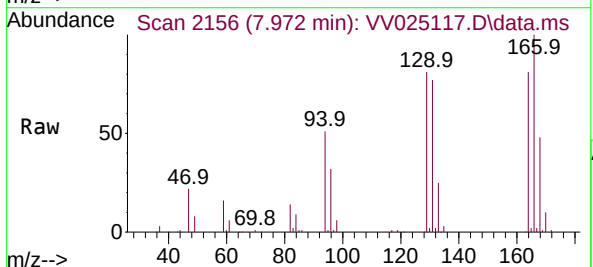
Ion Ratio Lower Upper

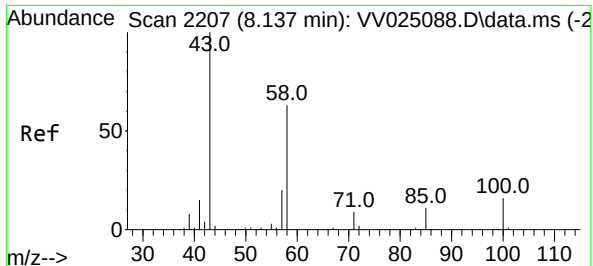
164 100

129 100.2 70.3 130.7

131 94.8 69.4 129.0

166 123.3 90.3 167.7



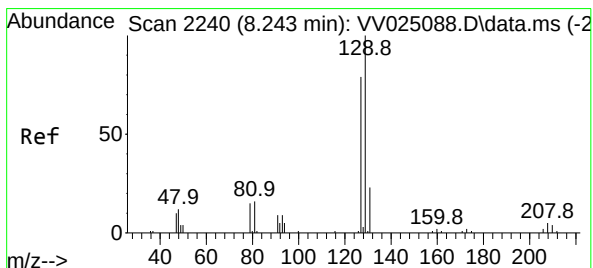
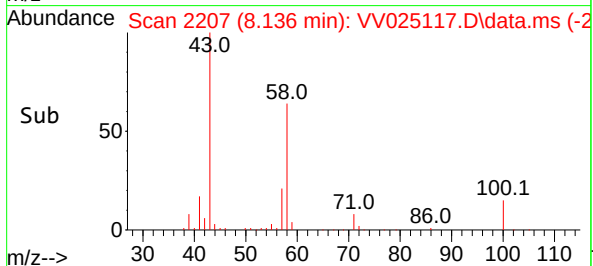
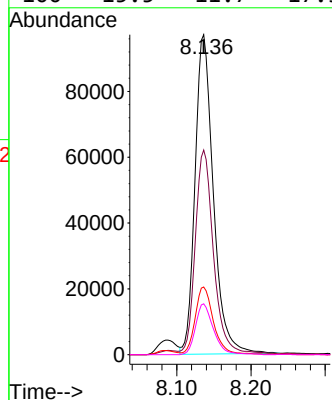
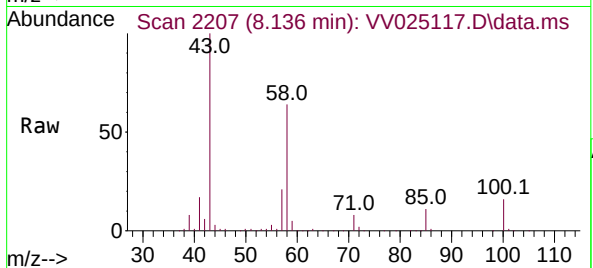


#48
2-Hexanone
Concen: 51.917 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 167001

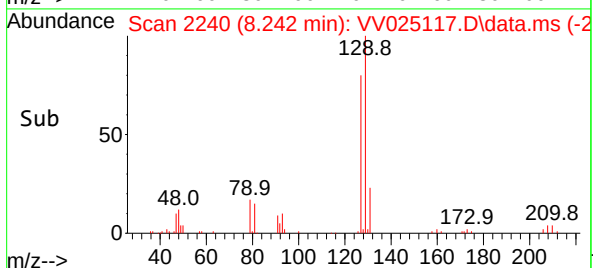
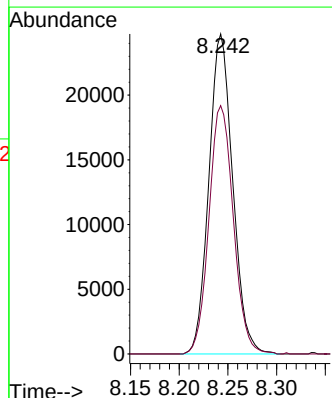
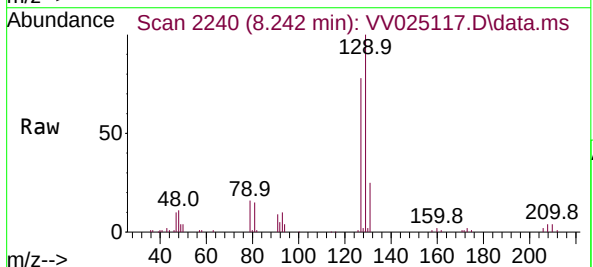
Ion	Ratio	Lower	Upper
43	100		
58	63.7	49.2	73.8
57	21.1	16.0	24.0
100	15.5	11.7	17.5

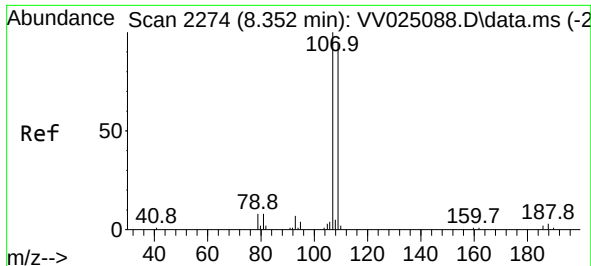


#49
Dibromochloromethane
Concen: 5.107 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion: 129 Resp: 42104

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.255 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025117.D

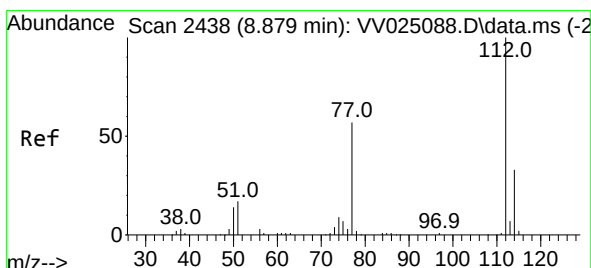
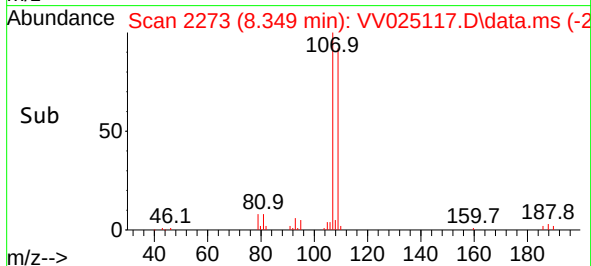
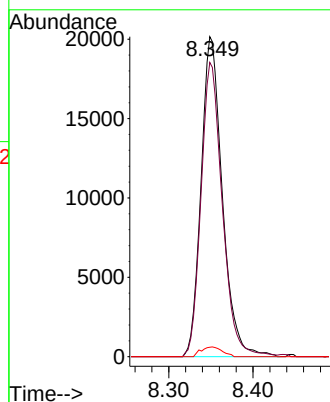
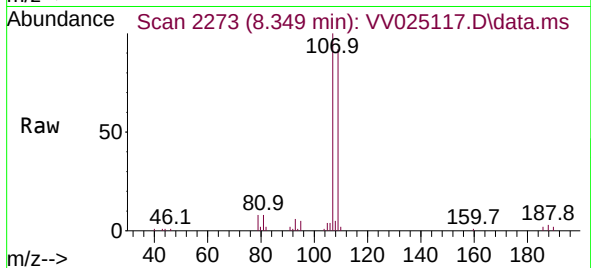
Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	35416
Ion Ratio	Lower	Upper
107	100	
109	91.9	65.5 121.6
188	3.0	2.4 3.6



#51

Chlorobenzene

Concen: 5.267 ug/L

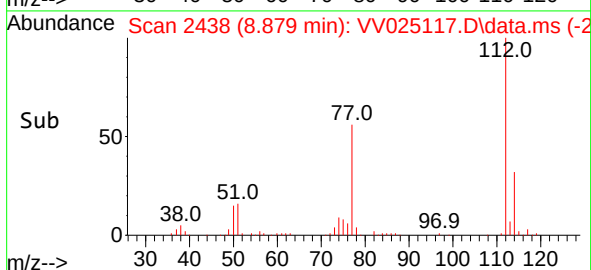
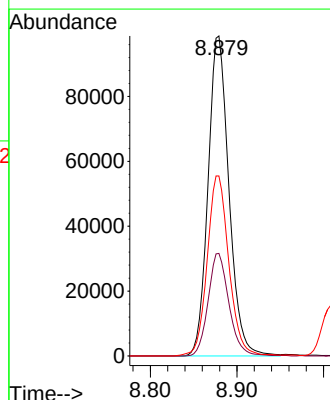
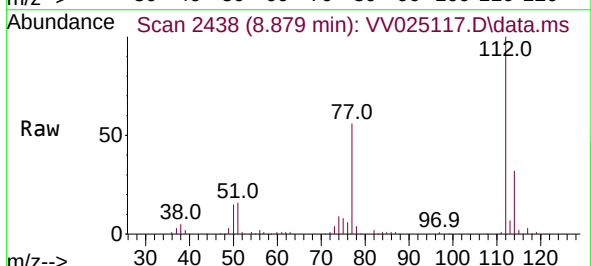
RT: 8.879 min Scan# 2438

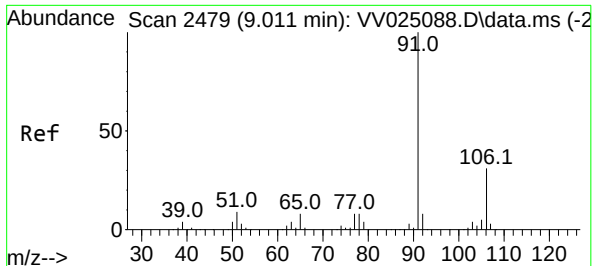
Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Tgt Ion:112	Resp:	165623
Ion Ratio	Lower	Upper
112	100	
114	32.0	22.5 41.7
77	56.2	45.3 67.9





#52

Ethylbenzene

Concen: 5.410 ug/L

RT: 9.008 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

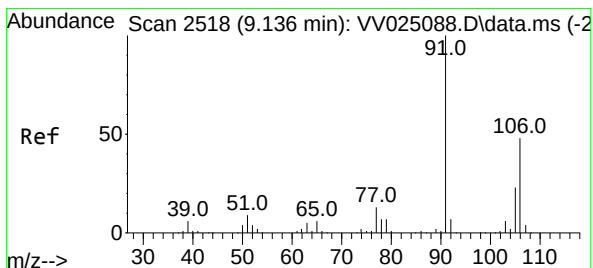
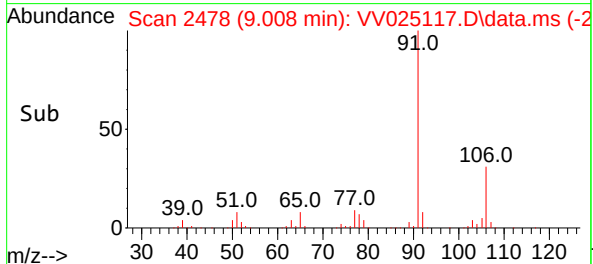
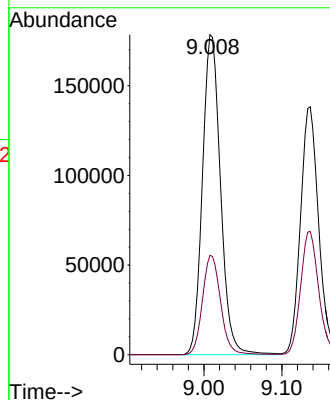
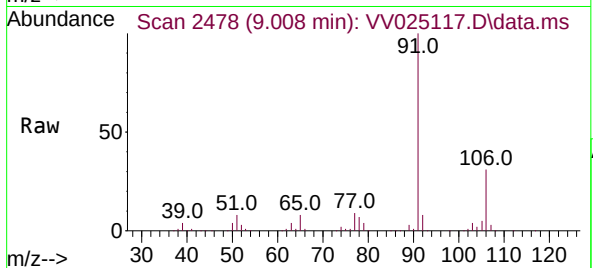
ClientSampleId :

Tgt Ion: 91 Resp: 287376

Ion Ratio Lower Upper

91 100

106 31.1 21.9 40.7



#53

m,p-xylene

Concen: 5.422 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025117.D

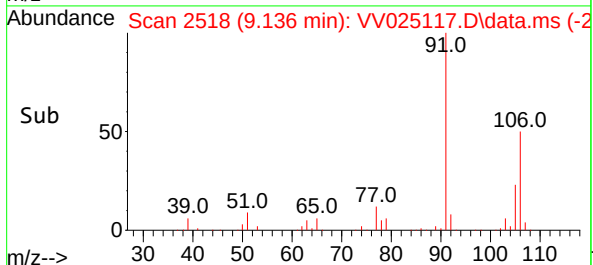
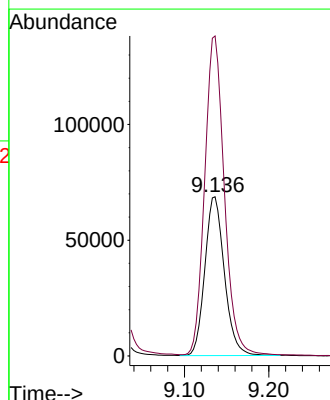
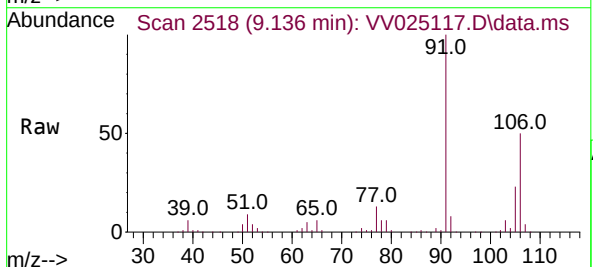
Acq: 21 Mar 2022 16:05

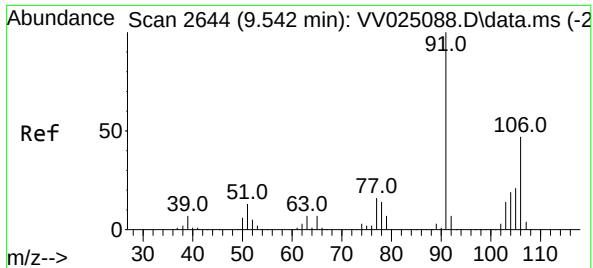
Tgt Ion:106 Resp: 110918

Ion Ratio Lower Upper

106 100

91 201.1 143.4 266.4

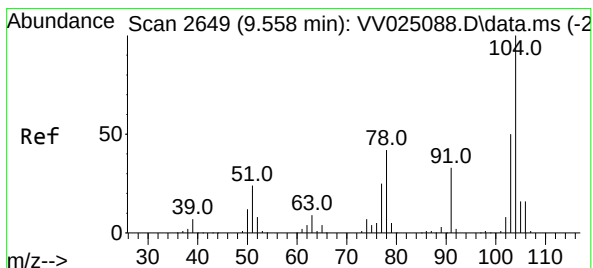
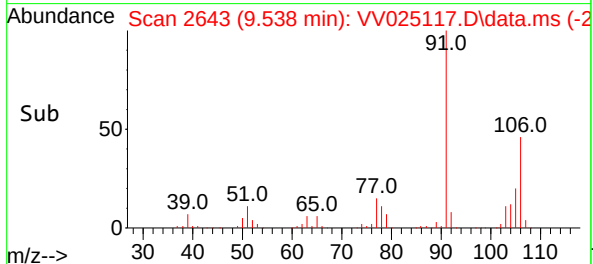
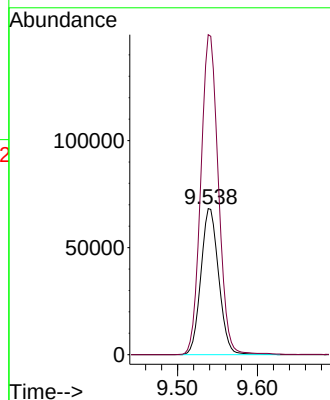
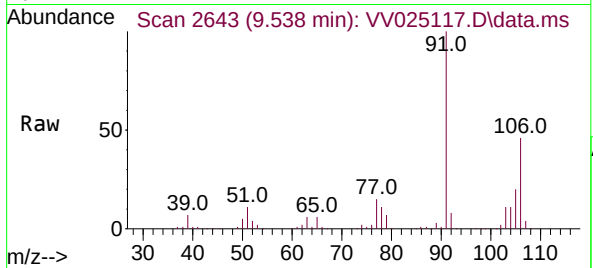




#54
o-xylene
Concen: 5.406 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

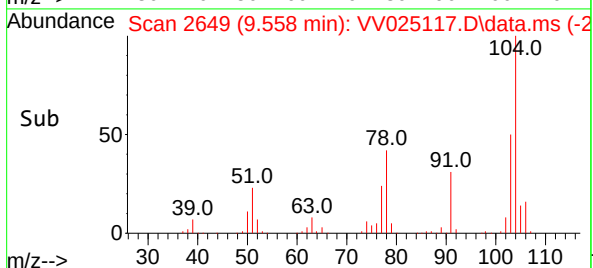
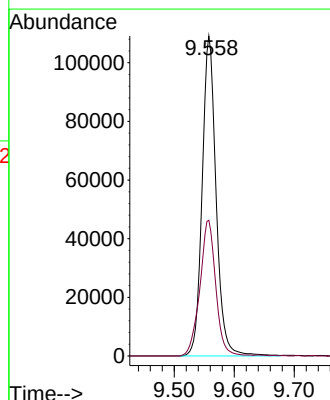
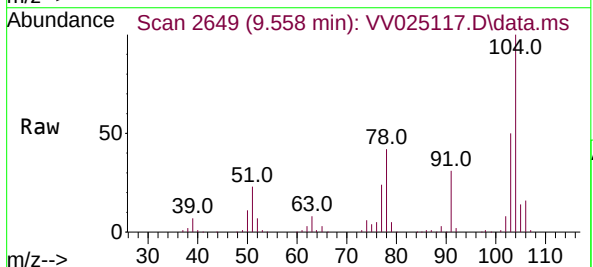
Instrument :
MSVOA_V
ClientSampleId :

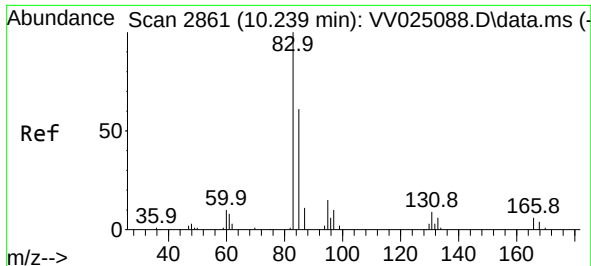
Tgt Ion:106 Resp: 105753
Ion Ratio Lower Upper
106 100
91 219.0 146.7 272.5



#55
Styrene
Concen: 5.551 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion:104 Resp: 176847
Ion Ratio Lower Upper
104 100
78 42.4 30.2 56.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.400 ug/L

RT: 10.236 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

ClientSampleId :

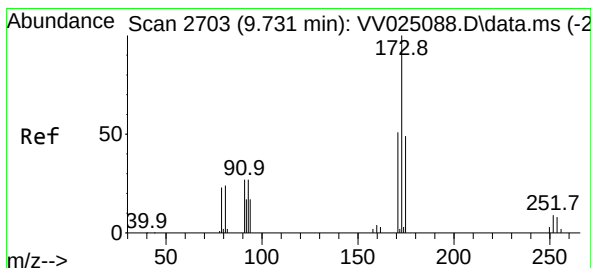
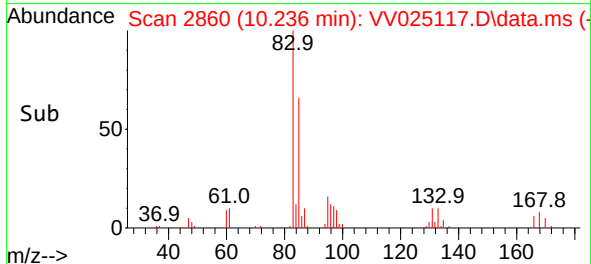
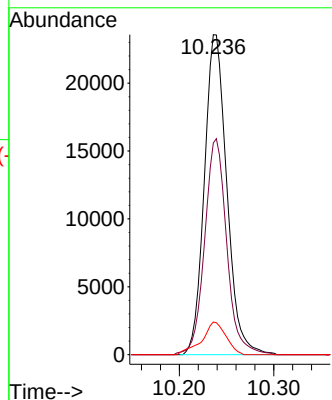
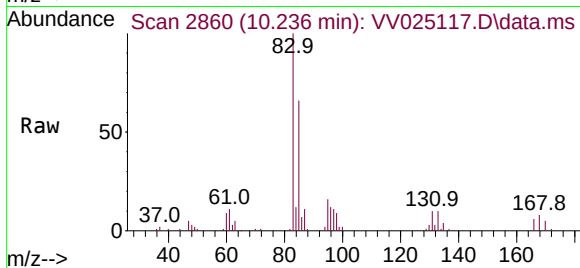
Tgt Ion: 83 Resp: 38988

Ion Ratio Lower Upper

83 100

85 66.2 43.9 81.5

131 10.2 7.5 11.3



#59

Bromoform

Concen: 4.857 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.003 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

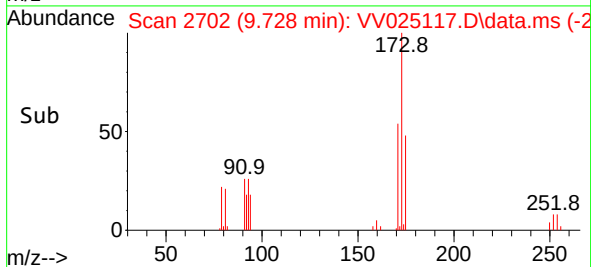
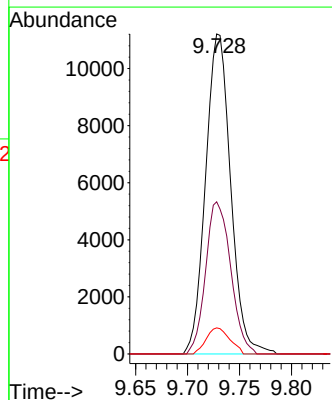
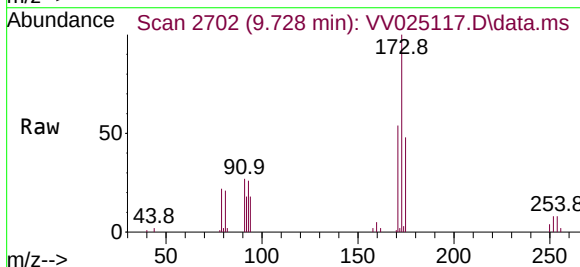
Tgt Ion: 173 Resp: 18810

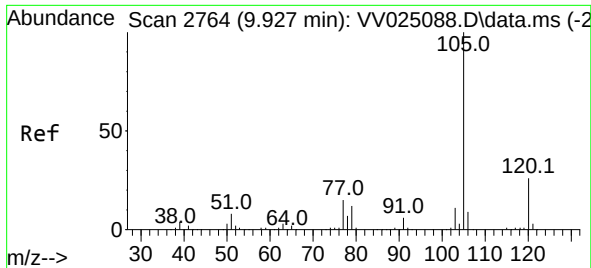
Ion Ratio Lower Upper

173 100

175 47.5 37.8 56.8

254 7.6 5.8 8.6

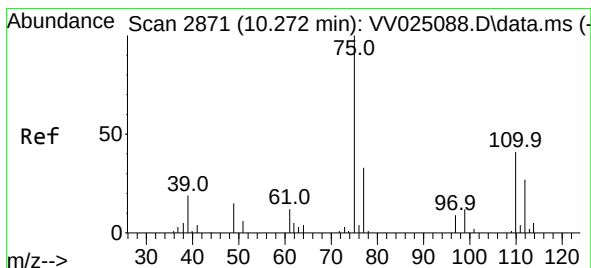
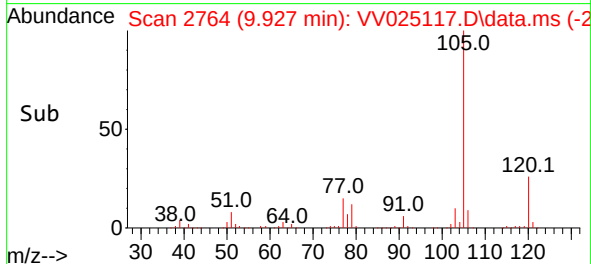
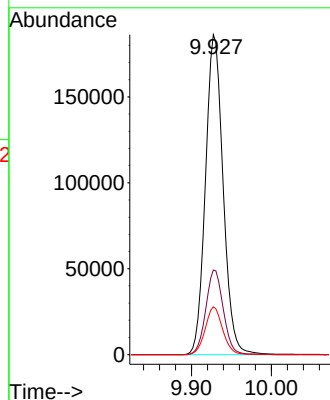
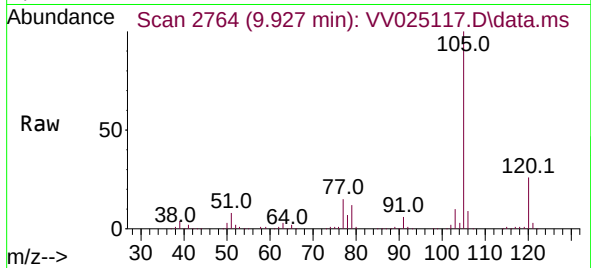




#60
Isopropylbenzene
Concen: 5.291 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

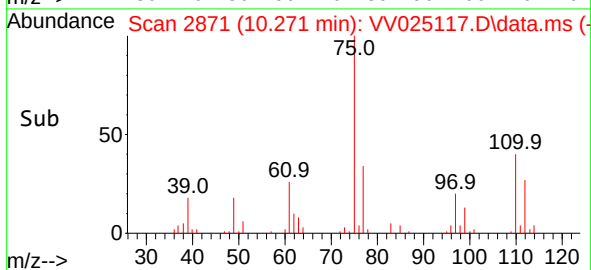
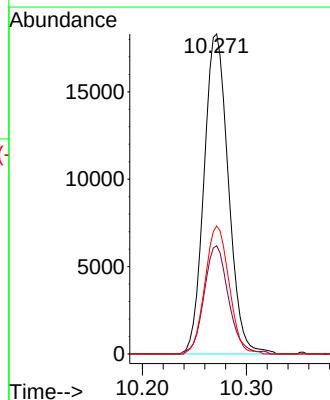
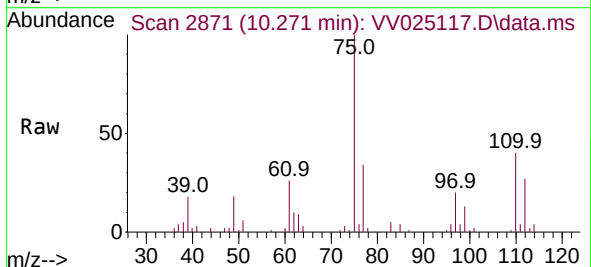
Instrument :
MSVOA_V
ClientSampleId :

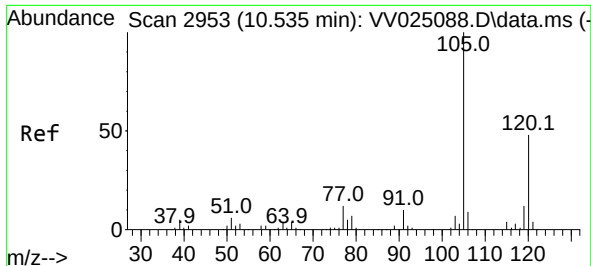
Tgt Ion:105 Resp: 286925
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 14.8 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.924 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion: 75 Resp: 29779
Ion Ratio Lower Upper
75 100
77 34.0 25.7 38.5
110 39.5 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.361 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. -0.000 min

Lab File: VV025117.D

Acq: 21 Mar 2022 16:05

Instrument :

MSVOA_V

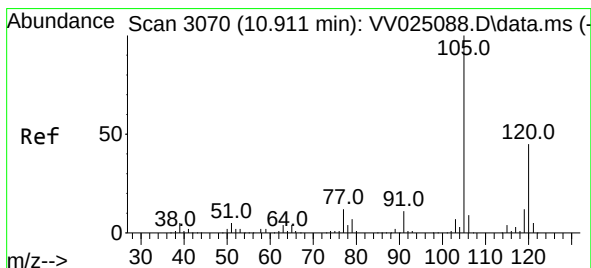
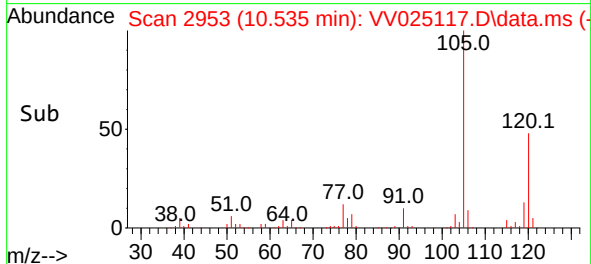
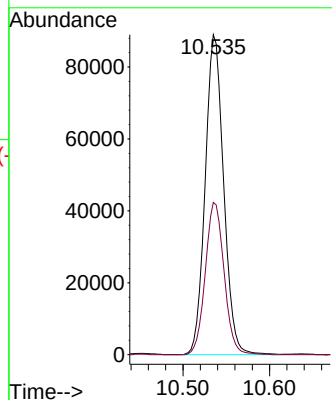
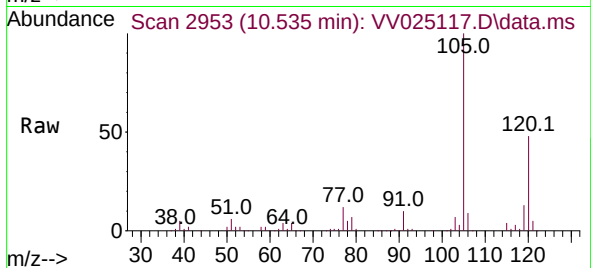
ClientSampleId :

Tgt Ion:105 Resp: 131925

Ion Ratio Lower Upper

105 100

120 48.4 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.549 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV025117.D

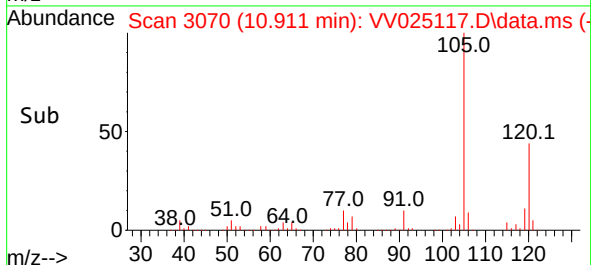
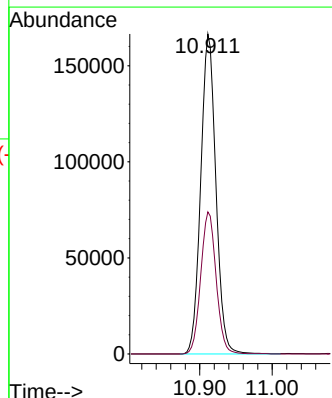
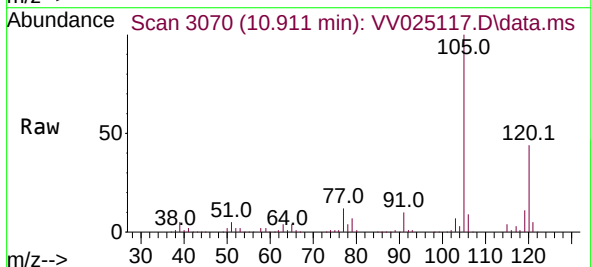
Acq: 21 Mar 2022 16:05

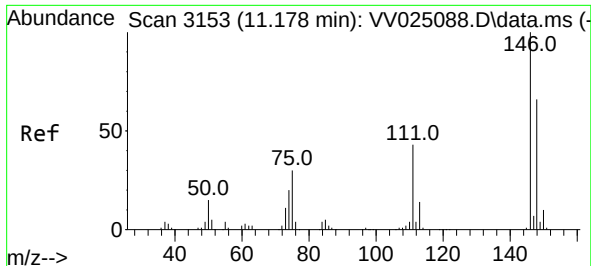
Tgt Ion:105 Resp: 241829

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

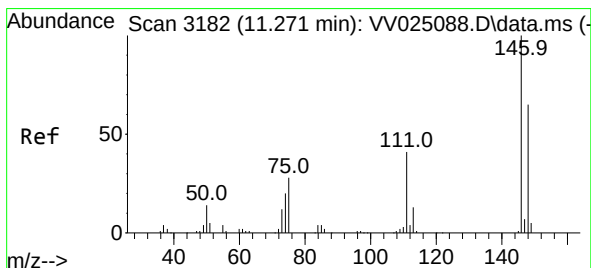
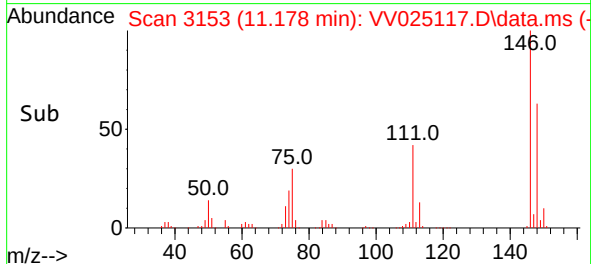
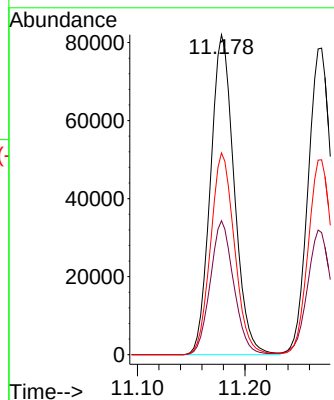
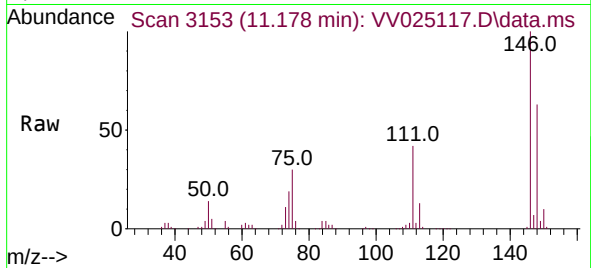




#64
1,3-Dichlorobenzene
Concen: 5.343 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

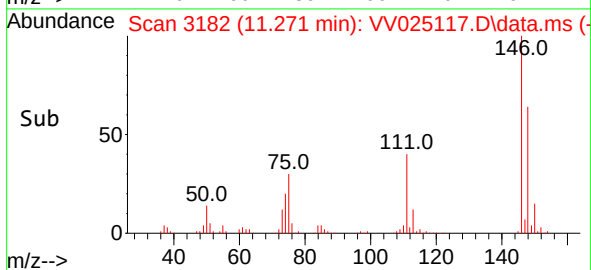
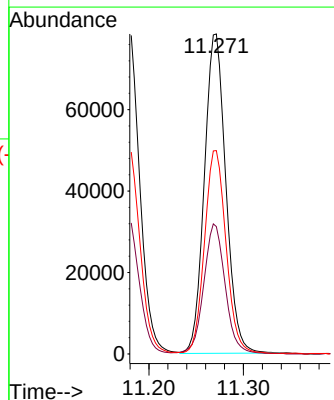
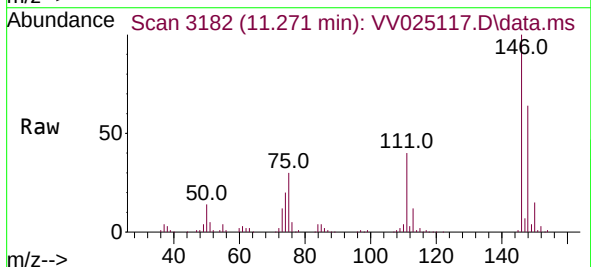
Instrument :
MSVOA_V
ClientSampleId :

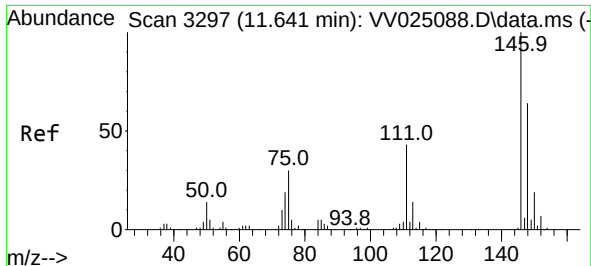
Tgt Ion:146 Resp: 125675
Ion Ratio Lower Upper
146 100
111 41.8 29.2 54.2
148 63.1 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.229 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

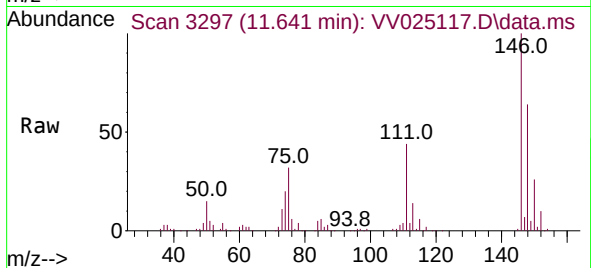
Tgt Ion:146 Resp: 123997
Ion Ratio Lower Upper
146 100
111 39.8 28.2 52.4
148 63.6 43.8 81.4



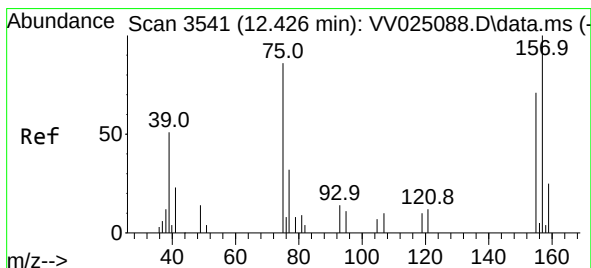
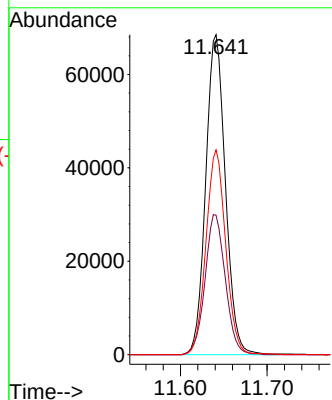
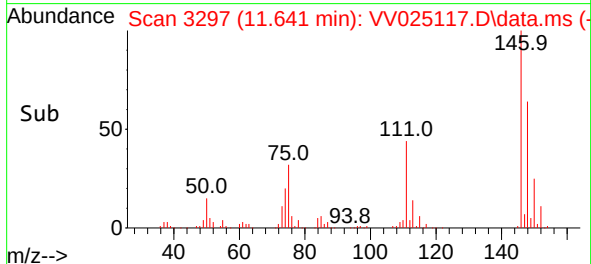


#67
1,2-Dichlorobenzene
Concen: 5.192 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

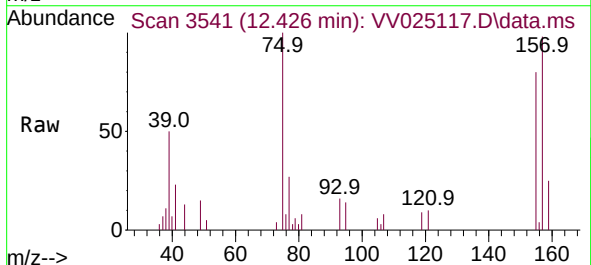
Instrument :
MSVOA_V
ClientSampleId :



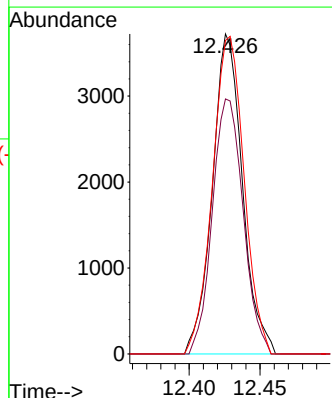
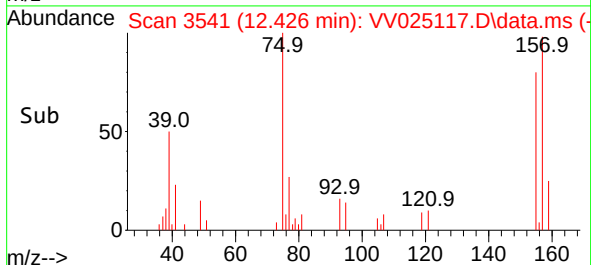
Tgt Ion:146 Resp: 108215
Ion Ratio Lower Upper
146 100
111 43.6 35.5 53.3
148 64.0 49.7 74.5

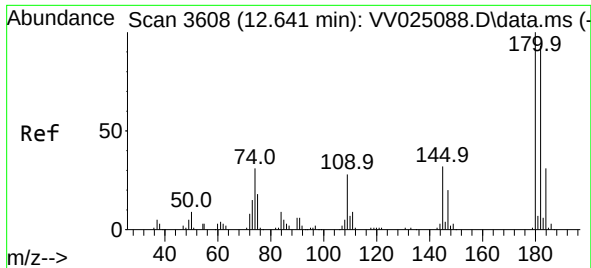


#68
1,2-Dibromo-3-chloropropane
Concen: 5.289 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05



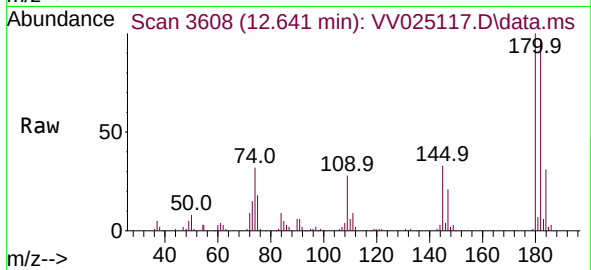
Tgt Ion: 75 Resp: 5483
Ion Ratio Lower Upper
75 100
155 79.7 65.9 98.9
157 98.0 89.7 134.5



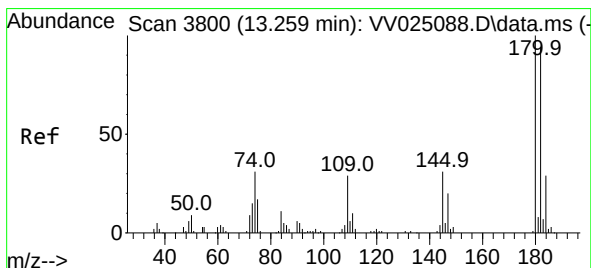
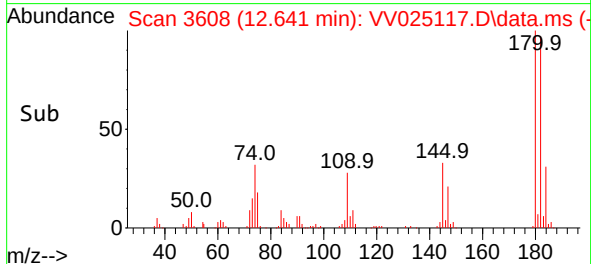
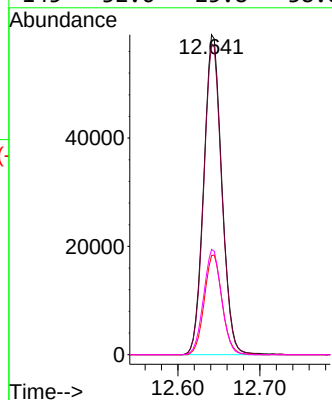


#69
 1,3,5-Trichlorobenzene
 Concen: 5.453 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. -0.000 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Instrument :
 MSVOA_V
 ClientSampleId :

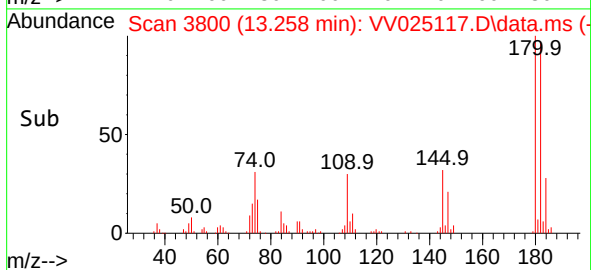
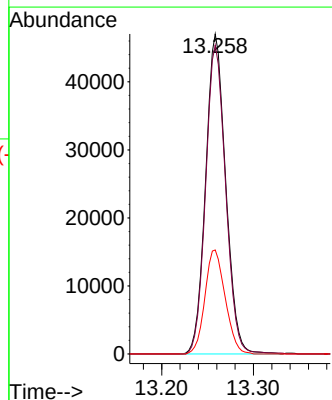
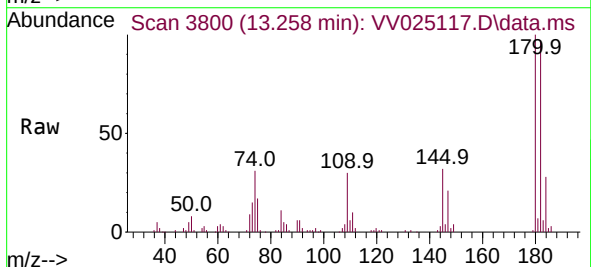


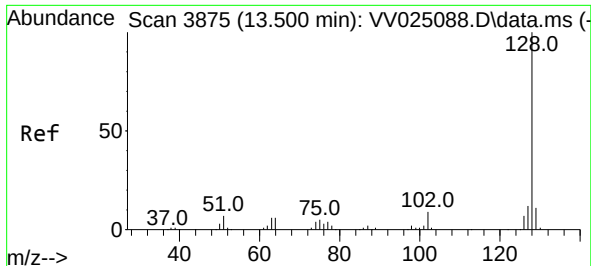
Tgt Ion:180 Resp: 90600
 Ion Ratio Lower Upper
 180 100
 182 96.8 75.4 113.0
 184 30.6 24.2 36.4
 145 32.6 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.527 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025117.D
 Acq: 21 Mar 2022 16:05

Tgt Ion:180 Resp: 71547
 Ion Ratio Lower Upper
 180 100
 182 95.7 74.6 112.0
 145 32.7 26.1 39.1

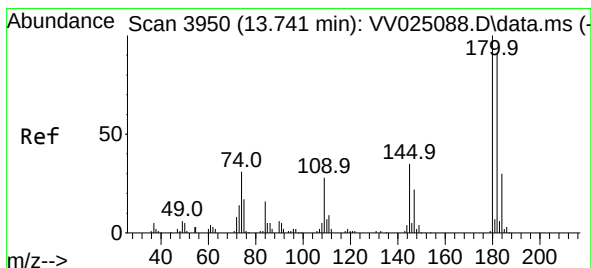
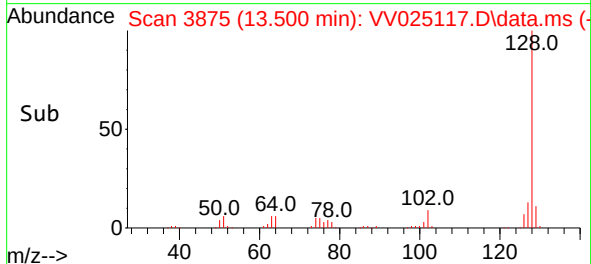
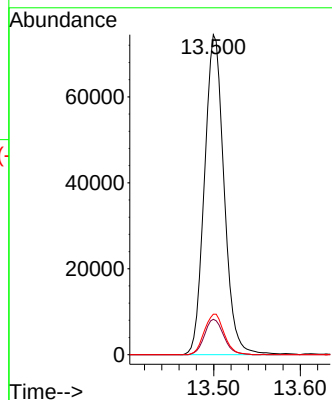
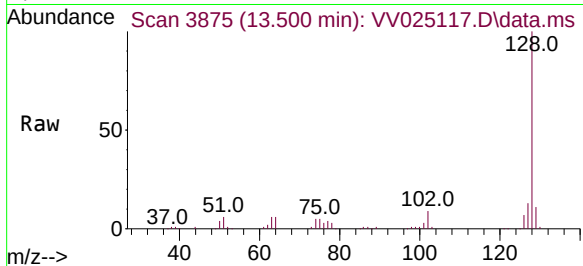




#71
Naphthalene
Concen: 5.434 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 116824
Ion Ratio Lower Upper
128 100
129 10.9 8.5 12.7
127 12.8 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.482 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025117.D
Acq: 21 Mar 2022 16:05

Tgt Ion:180 Resp: 60131
Ion Ratio Lower Upper
180 100
182 94.0 74.8 112.2
145 35.4 27.6 41.4

