

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032222\
 Data File : VW025124.D
 Acq On : 22 Mar 2022 14:03
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: Mar 23 01:09:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 23 01:08:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	143658	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63882	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45572	4.018	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	1.568	69	37007	4.456	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.108	63	80364	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	3.886	46	85339	62.261	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.520%
24) Chloroform-d	4.343	84	90566	4.815	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	36877	4.689	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.043	84	174834	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.066	67	51940	4.760	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.310	98	155623	4.500	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	7.619	79	17332	4.557	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	71093	54.797	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32145	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	50509	4.670	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59384	4.678	ug/L	99
3) Chloromethane	1.243	50	55651	4.649	ug/L	99
5) Vinyl chloride	1.311	62	60589	4.797	ug/L	99
6) Bromomethane	1.523	94	38015	4.657	ug/L	99
8) Chloroethane	1.584	64	36305	4.740	ug/L	98
9) Trichlorofluoromethane	1.754	101	84524	4.920	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	46969	5.042	ug/L	98
12) 1,1-Dichloroethene	2.118	96	45249	4.944	ug/L	99
13) Acetone	2.436	43	13886	15.148	ug/L	# 1
14) Carbon disulfide	2.294	76	142371	4.348	ug/L	100
15) Methyl Acetate	2.436	43	14360	5.718	ug/L	98
16) Methylene chloride	2.507	84	55276	4.985	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	103340	5.184	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	53635	4.870	ug/L	98
19) 1,1-Dichloroethane	3.188	63	95127	5.075	ug/L	99
21) 2-Butanone	3.970	43	85991	59.434	ug/L	82
22) cis-1,2-Dichloroethene	3.905	96	57710	5.190	ug/L	98
23) Bromochloromethane	4.246	128	22900	5.224	ug/L	98
25) Chloroform	4.368	83	99437	5.095	ug/L	99

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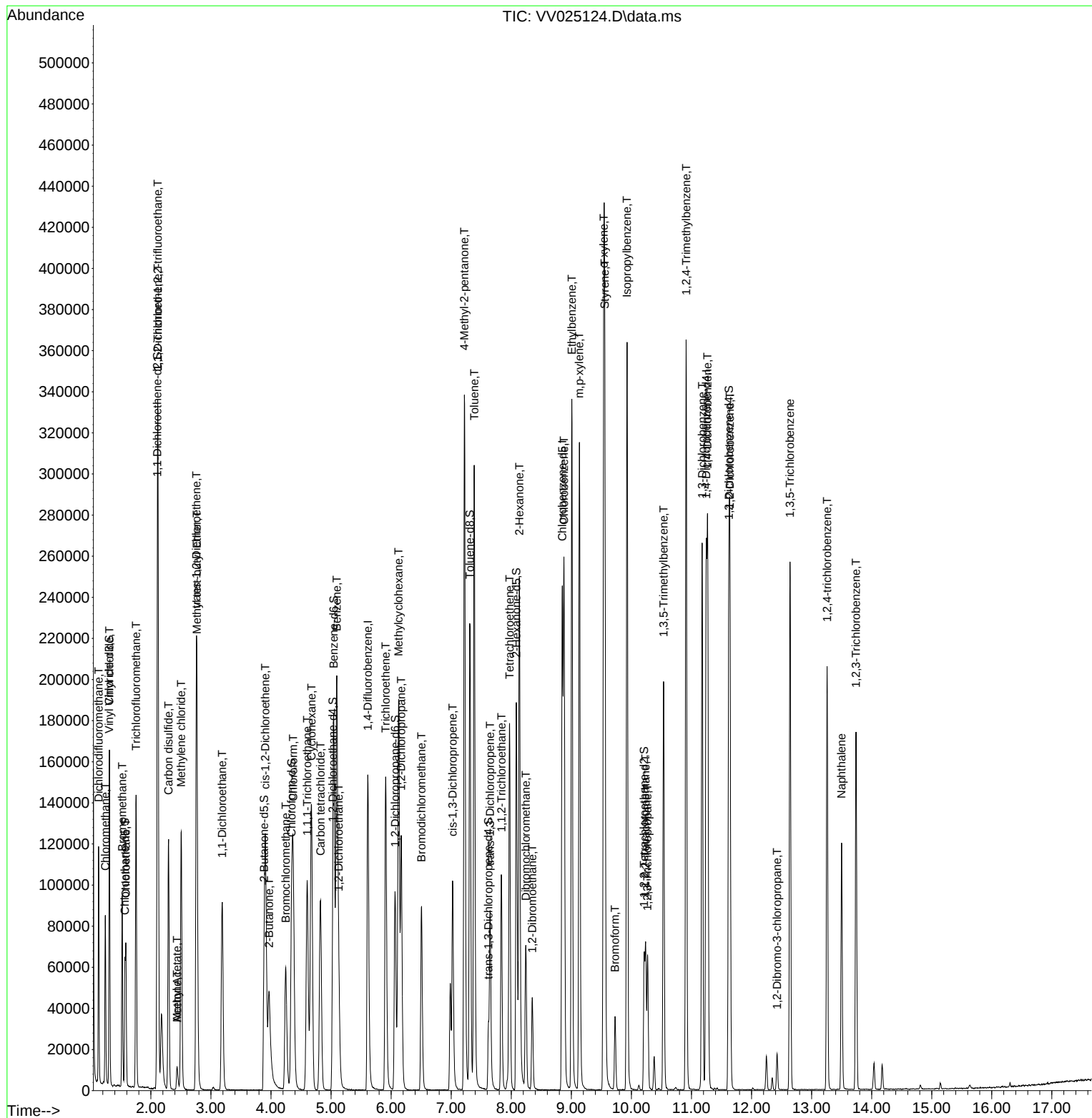
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	48980	5.047	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	86278	5.173	ug/L	98
30) Cyclohexane	4.674	56	78119	4.814	ug/L	98
31) Carbon tetrachloride	4.825	117	72582	5.072	ug/L	98
33) Benzene	5.095	78	214143	5.034	ug/L	100
34) Trichloroethene	5.908	95	57144	5.045	ug/L	99
35) Methylcyclohexane	6.124	83	86191	4.807	ug/L	99
37) 1,2-Dichloropropane	6.169	63	51575	5.275	ug/L	99
38) Bromodichloromethane	6.506	83	62053	5.019	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	67503	4.973	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	213943	53.182	ug/L	98
42) Toluene	7.384	91	228823	5.139	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	53176	4.978	ug/L	100
45) 1,1,2-Trichloroethane	7.838	97	34577	5.295	ug/L	99
47) Tetrachloroethene	7.973	164	39569	4.965	ug/L	97
48) 2-Hexanone	8.137	43	148686	52.134	ug/L	97
49) Dibromochloromethane	8.243	129	37238	5.094	ug/L	99
50) 1,2-Dibromoethane	8.349	107	30822	5.158	ug/L	96
51) Chlorobenzene	8.879	112	142907	5.126	ug/L	99
52) Ethylbenzene	9.008	91	241339	5.124	ug/L	99
53) m,p-xylene	9.133	106	91976	5.071	ug/L	98
54) o-xylene	9.539	106	90062	5.193	ug/L	97
55) Styrene	9.558	104	152295	5.391	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	34562	5.399	ug/L	99
59) Bromoform	9.728	173	16009	4.653	ug/L	98
60) Isopropylbenzene	9.928	105	243053	5.045	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	26531	4.938	ug/L	97
62) 1,3,5-Trimethylbenzene	10.535	105	109572	5.012	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	199822	5.161	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	105574	5.052	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	103745	4.925	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	94569	5.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	4651	5.050	ug/L	96
69) 1,3,5-Trichlorobenzene	12.641	180	74342	5.036	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	58927	5.124	ug/L	100
71) Naphthalene	13.500	128	94732	4.960	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	49909	5.121	ug/L	99

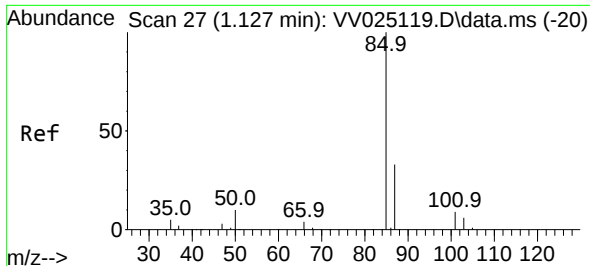
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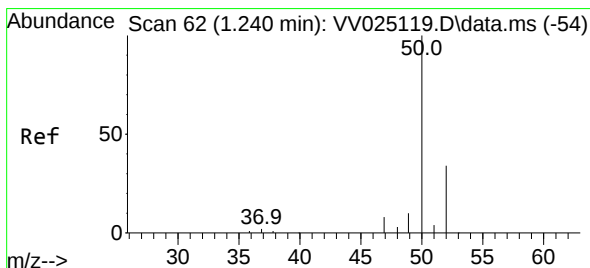
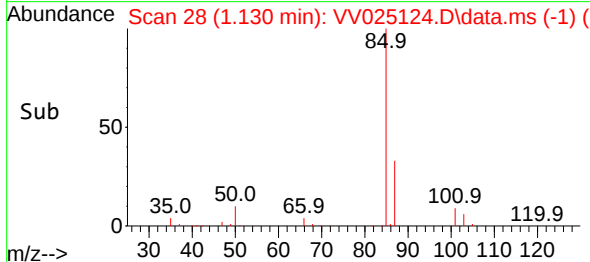
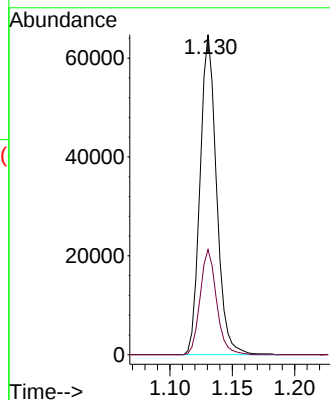
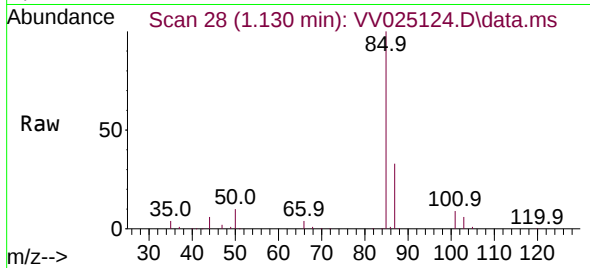




#2
 Dichlorodifluoromethane
 Concen: 4.678 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

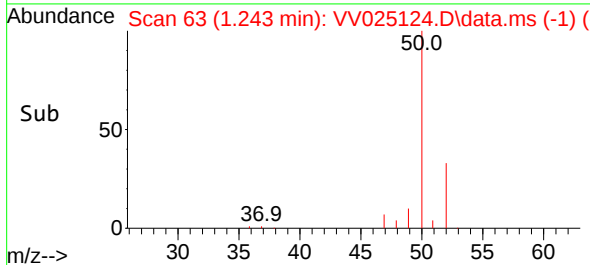
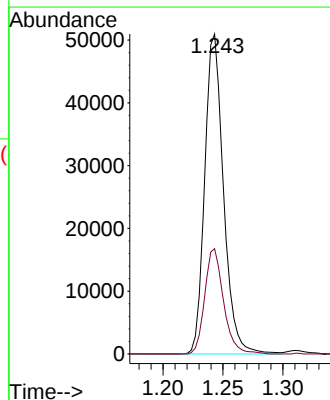
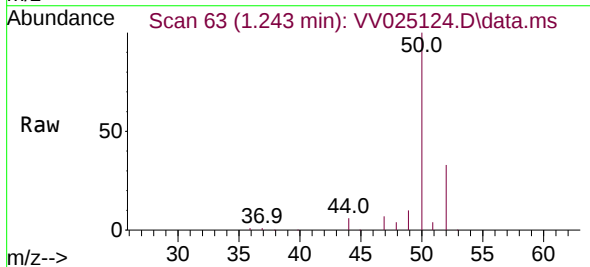
Instrument :
 MSVOA_V
 ClientSampleId :
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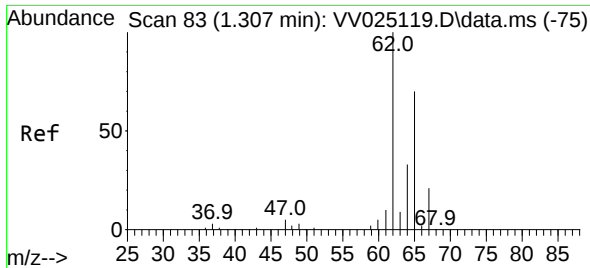
Tgt Ion: 85 Resp: 59384
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.7 40.1



#3
 Chloromethane
 Concen: 4.649 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion: 50 Resp: 55651
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.2 43.2

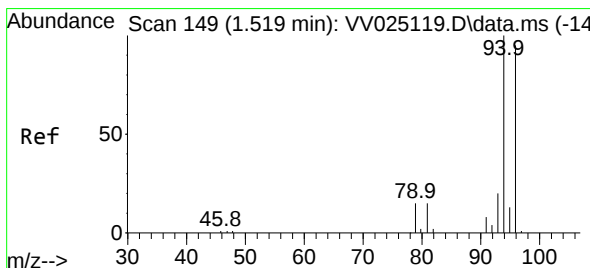
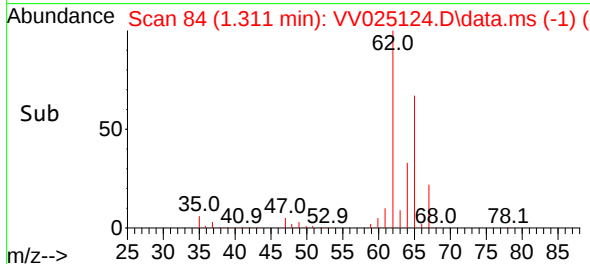
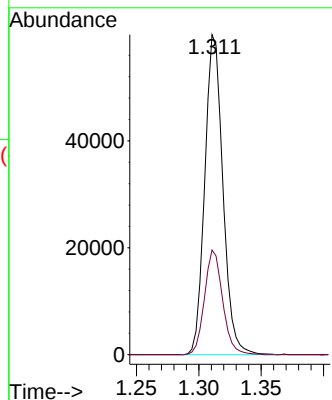
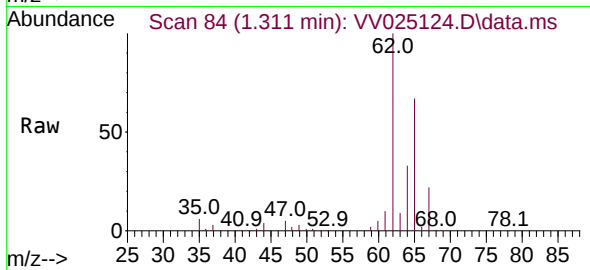




#5
 Vinyl chloride
 Concen: 4.797 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

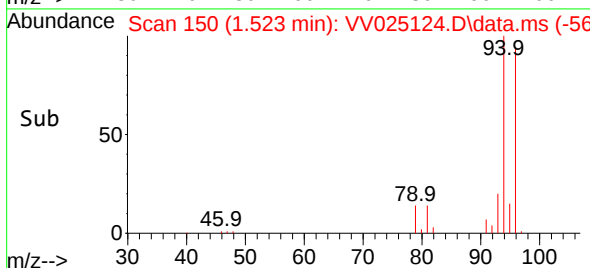
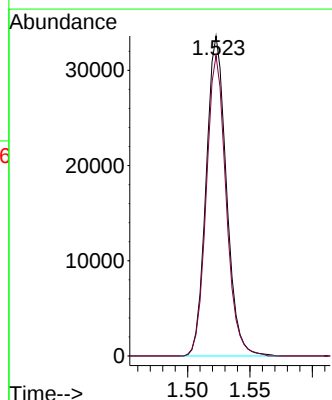
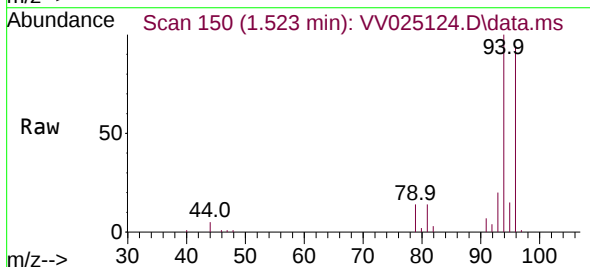
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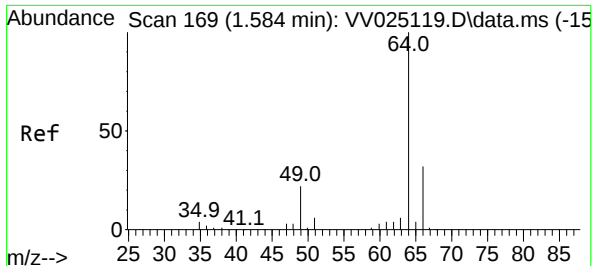
Tgt Ion: 62 Resp: 60589
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.4 43.4



#6
 Bromomethane
 Concen: 4.657 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion: 94 Resp: 38015
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.9 120.5





#8

Chloroethane

Concen: 4.740 ug/L

RT: 1.584 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

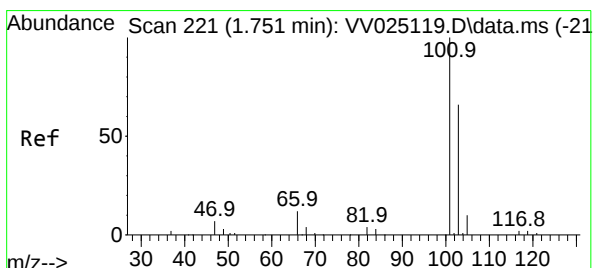
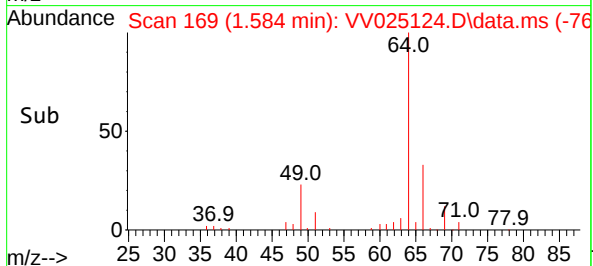
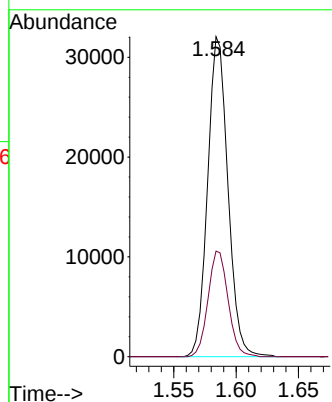
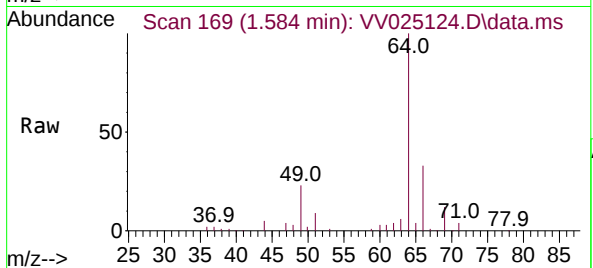
VSTD005343

Tgt Ion: 64 Resp: 36305

Ion Ratio Lower Upper

64 100

66 33.0 22.5 41.7



#9

Trichlorofluoromethane

Concen: 4.920 ug/L

RT: 1.754 min Scan# 222

Delta R.T. 0.003 min

Lab File: VV025124.D

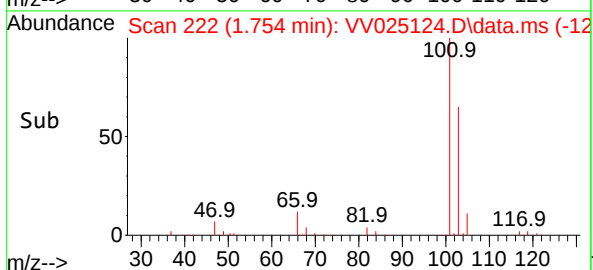
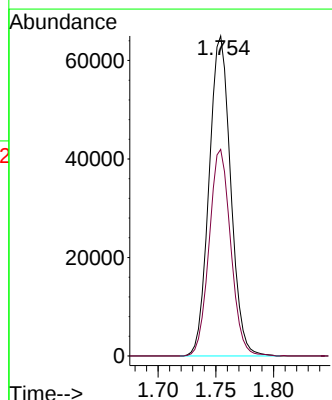
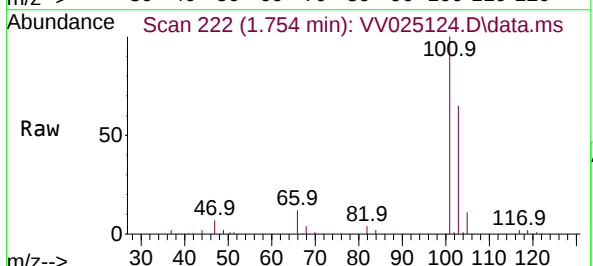
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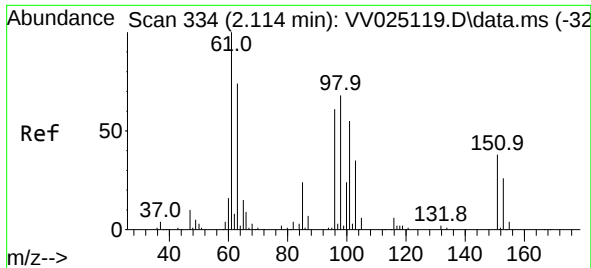
Tgt Ion:101 Resp: 84524

Ion Ratio Lower Upper

101 100

103 64.4 51.5 77.3

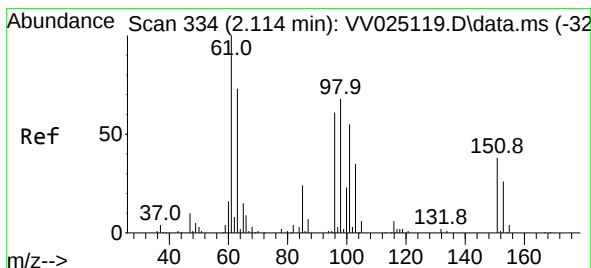
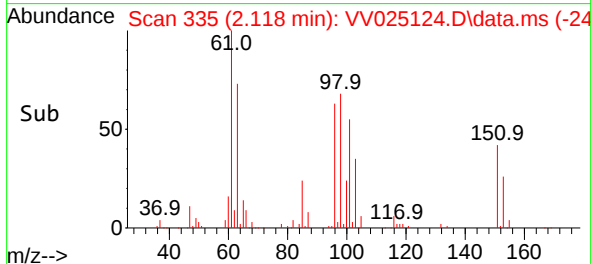
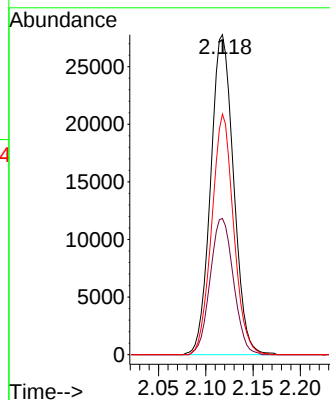
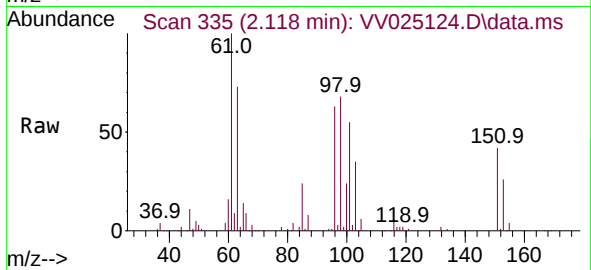




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.042 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

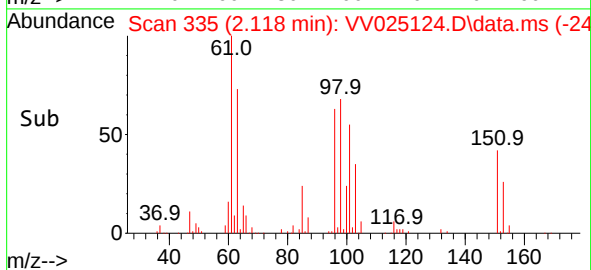
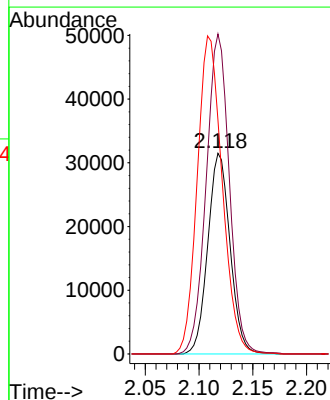
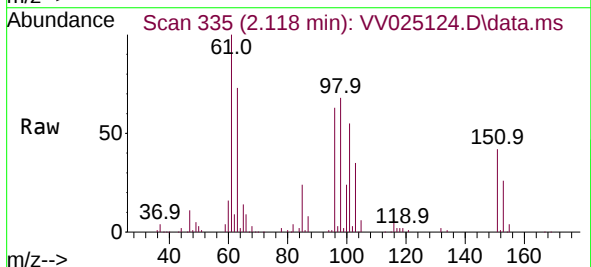
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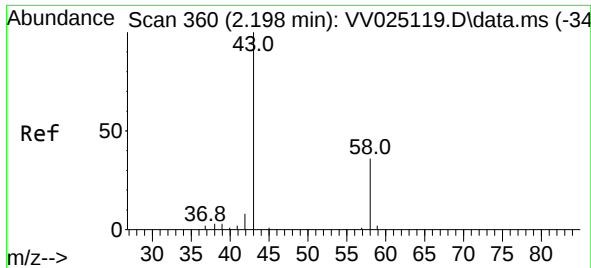
Tgt Ion:101 Resp: 46969
Ion Ratio Lower Upper
101 100
85 43.1 34.8 52.2
151 71.8 55.6 83.4



#12
1,1-Dichloroethene
Concen: 4.944 ug/L
RT: 2.118 min Scan# 335
Delta R.T. 0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 96 Resp: 45249
Ion Ratio Lower Upper
96 100
61 159.4 113.0 209.9
63 116.5 82.1 152.5





#13

Acetone

Concen: 15.148 ug/L

RT: 2.436 min Scan# 41

Delta R.T. 0.238 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

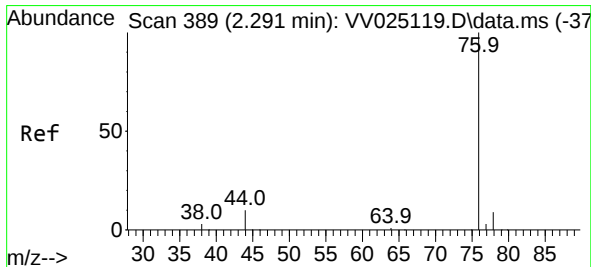
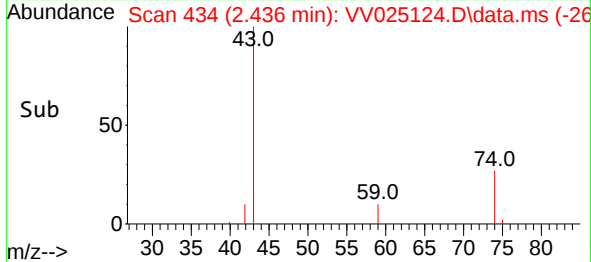
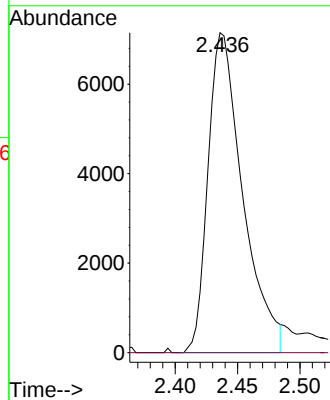
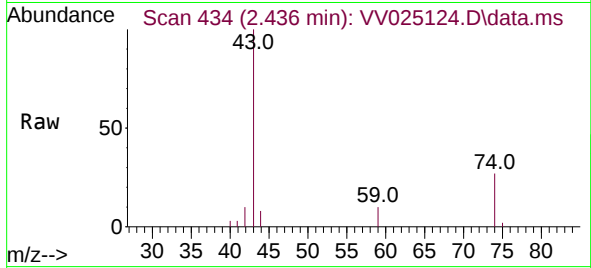
VSTD005343

Tgt Ion: 43 Resp: 13886

Ion Ratio Lower Upper

43 100

58 145.5 0.0 54.2#



#14

Carbon disulfide

Concen: 4.348 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025124.D

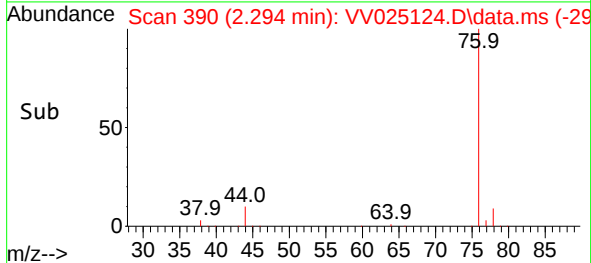
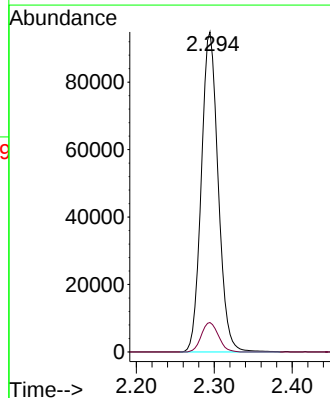
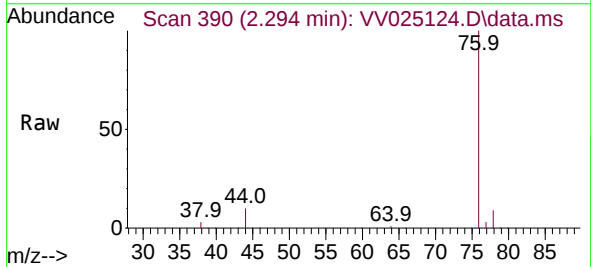
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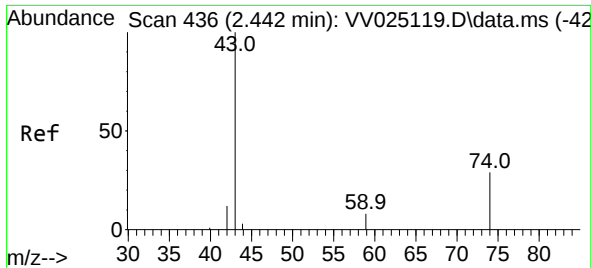
Tgt Ion: 76 Resp: 142371

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0





#15

Methyl Acetate

Concen: 5.718 ug/L

RT: 2.436 min Scan# 41

Delta R.T. -0.006 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

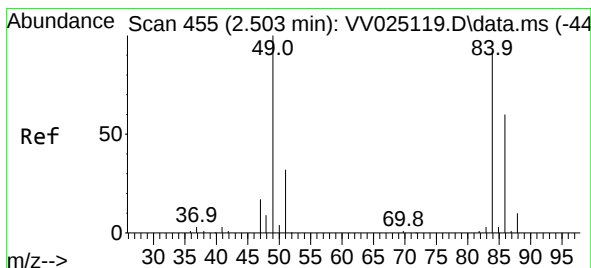
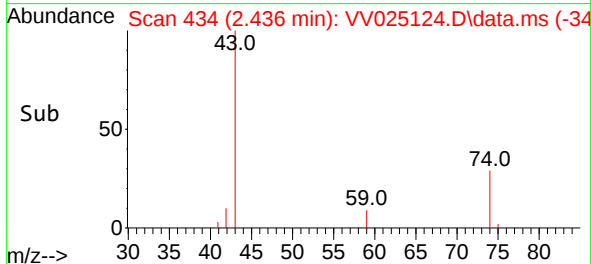
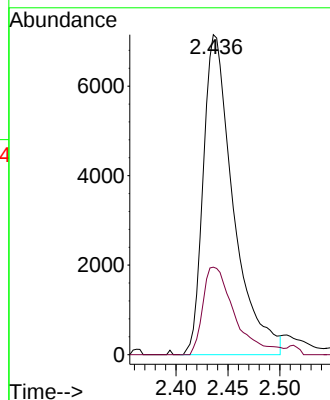
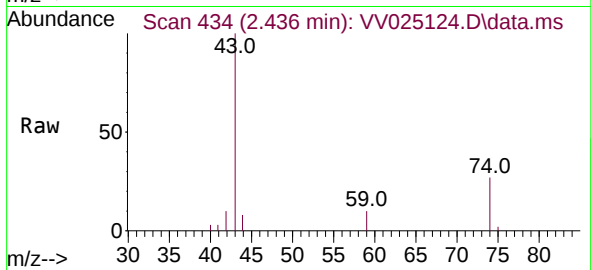
VSTD005343

Tgt Ion: 43 Resp: 14360

Ion Ratio Lower Upper

43 100

74 29.0 24.2 36.4



#16

Methylene chloride

Concen: 4.985 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

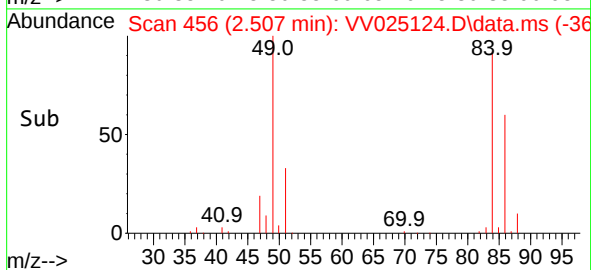
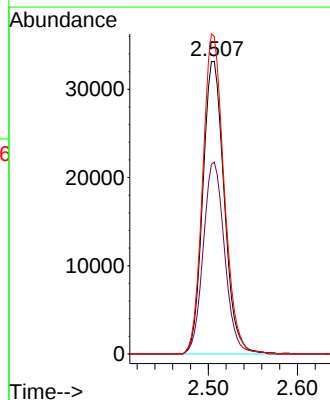
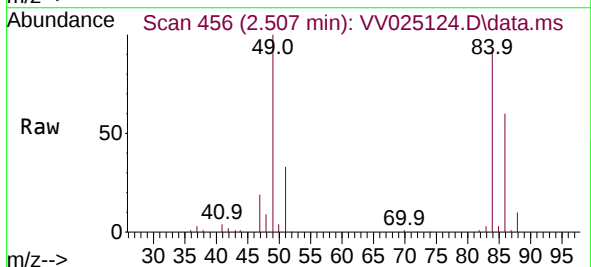
Tgt Ion: 84 Resp: 55276

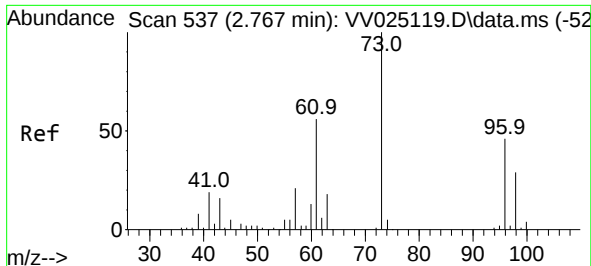
Ion Ratio Lower Upper

84 100

86 65.6 45.5 84.5

49 108.5 75.0 139.2

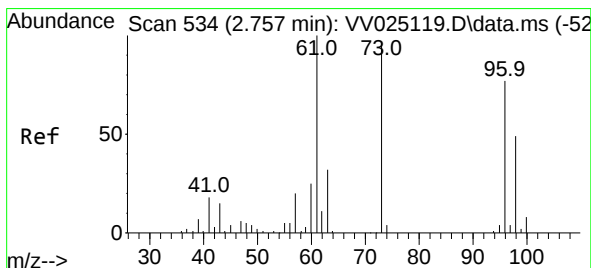
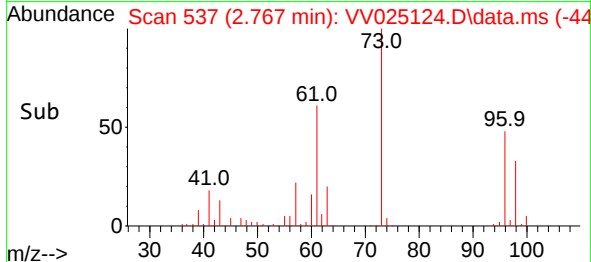
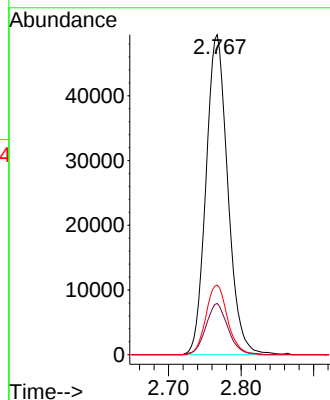
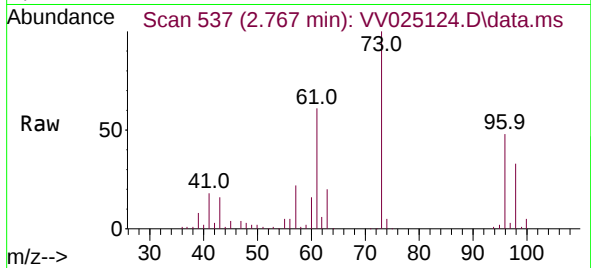




#17
Methyl tert-butyl Ether
Concen: 5.184 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

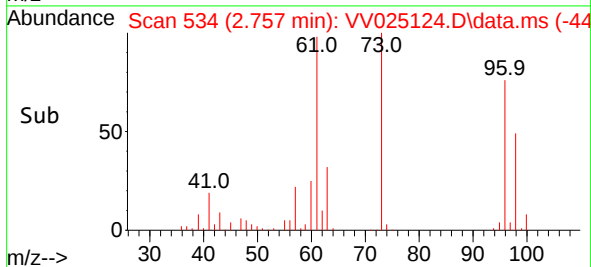
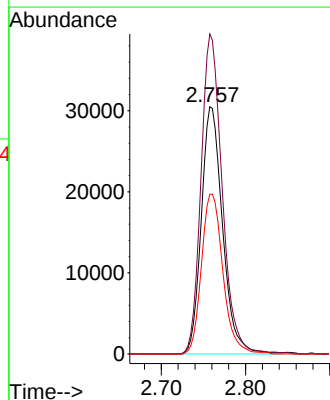
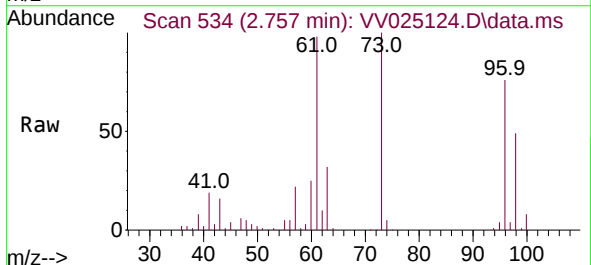
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

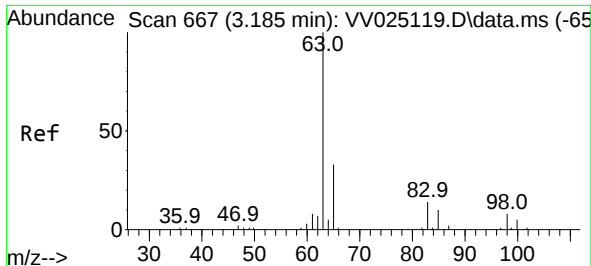
Tgt Ion: 73 Resp: 103340
Ion Ratio Lower Upper
73 100
43 16.3 13.2 19.8
57 21.6 16.7 25.1



#18
trans-1,2-Dichloroethene
Concen: 4.870 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 96 Resp: 53635
Ion Ratio Lower Upper
96 100
61 129.5 89.2 165.6
98 64.6 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.075 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

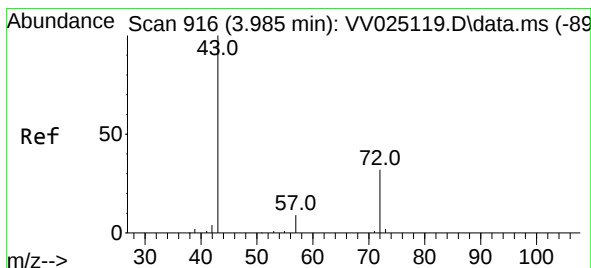
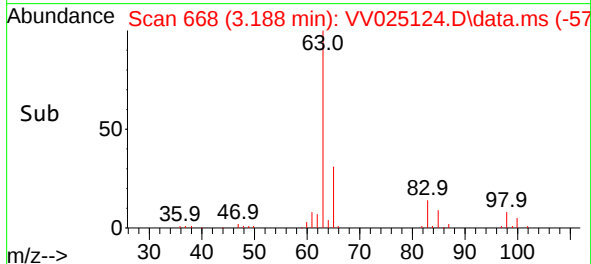
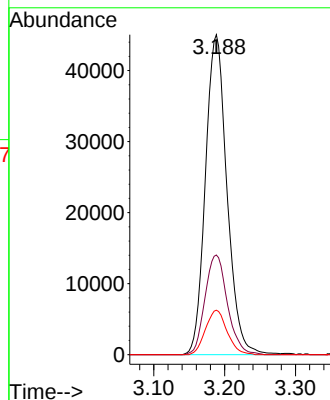
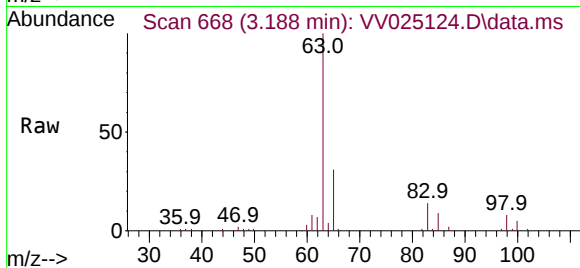
Tgt Ion: 63 Resp: 95127

Ion Ratio Lower Upper

63 100

65 31.2 22.2 41.2

83 13.9 9.4 17.4



#21

2-Butanone

Concen: 59.434 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.016 min

Lab File: VV025124.D

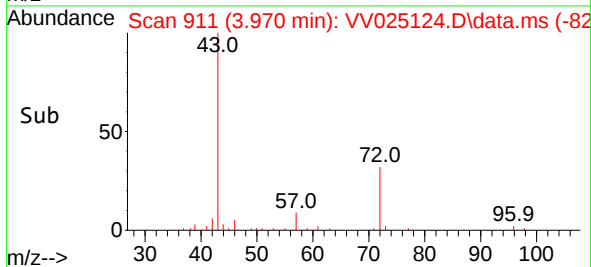
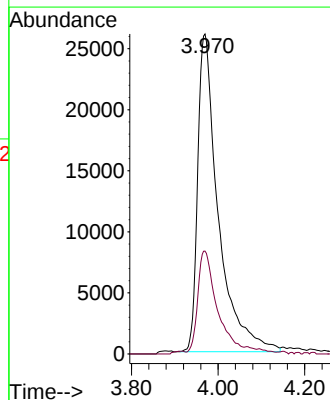
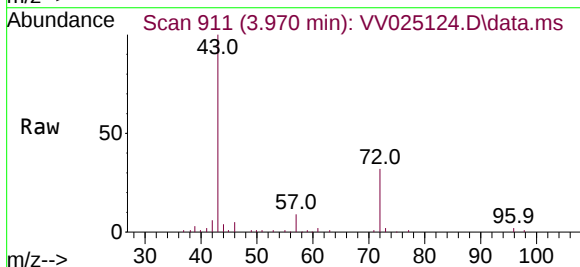
Acq: 22 Mar 2022 14:03

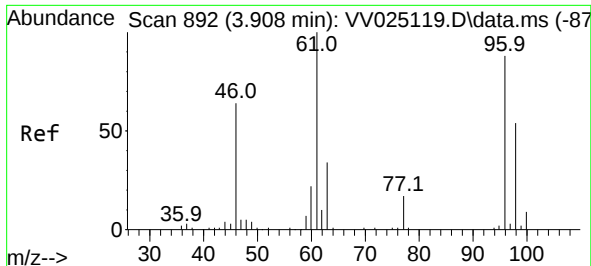
Tgt Ion: 43 Resp: 85991

Ion Ratio Lower Upper

43 100

72 29.0 10.4 31.2

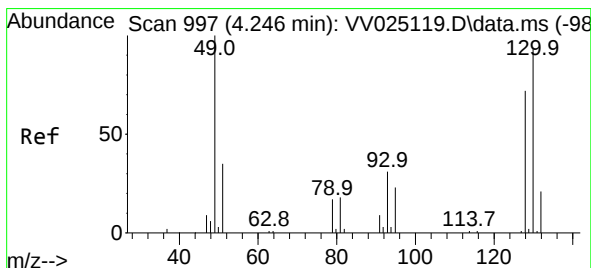
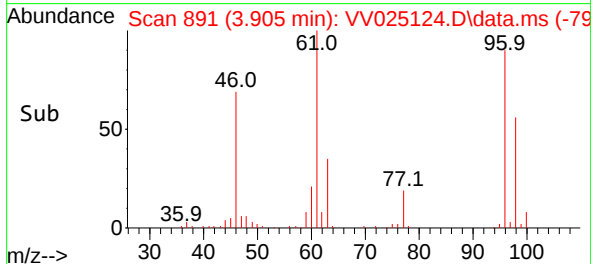
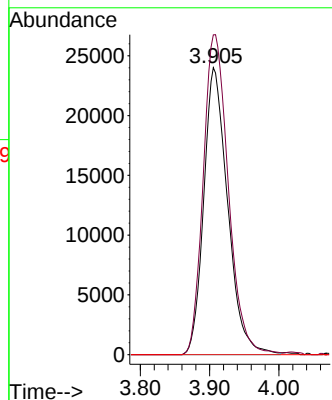
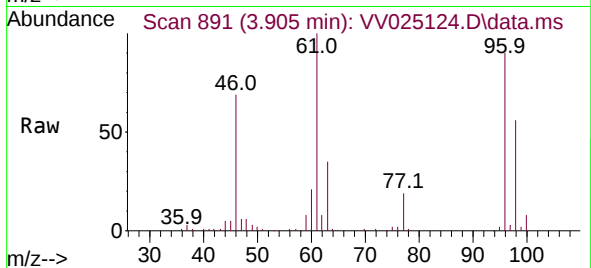




#22
 cis-1,2-Dichloroethene
 Concen: 5.190 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

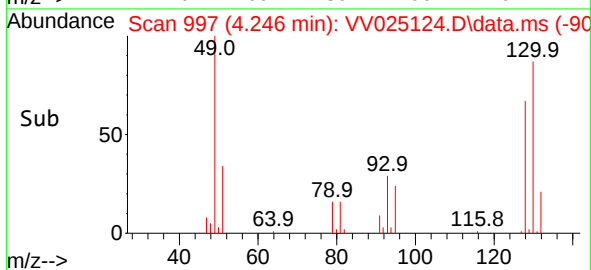
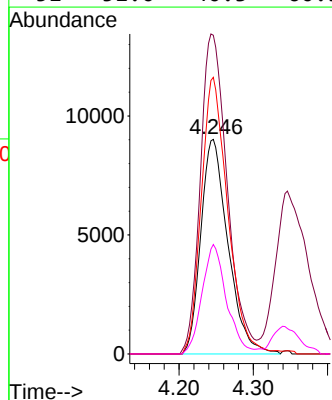
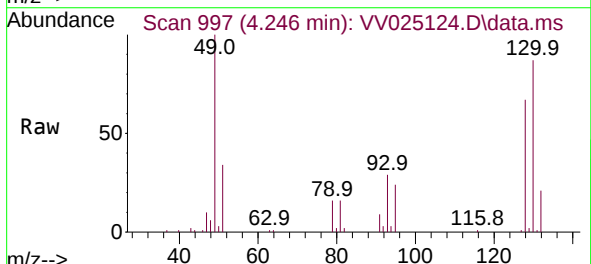
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

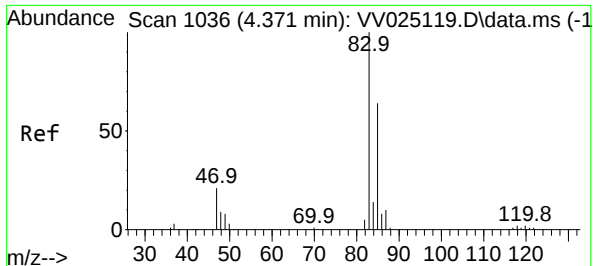
Tgt Ion: 96 Resp: 57710
 Ion Ratio Lower Upper
 96 100
 61 111.4 79.7 147.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.224 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion: 128 Resp: 22900
 Ion Ratio Lower Upper
 128 100
 49 148.5 107.5 199.7
 130 128.9 89.4 166.0
 51 51.0 40.3 60.5





#25

Chloroform

Concen: 5.095 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

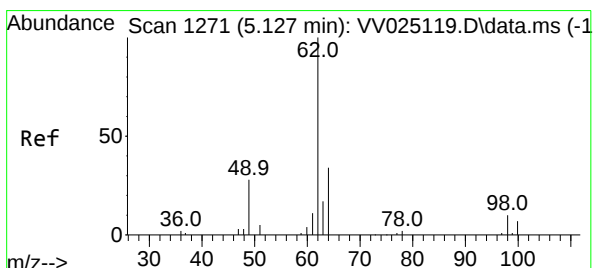
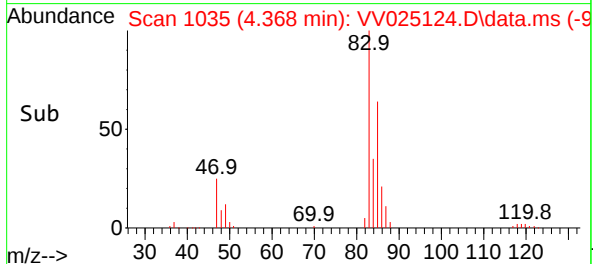
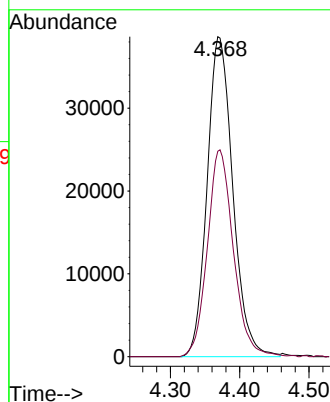
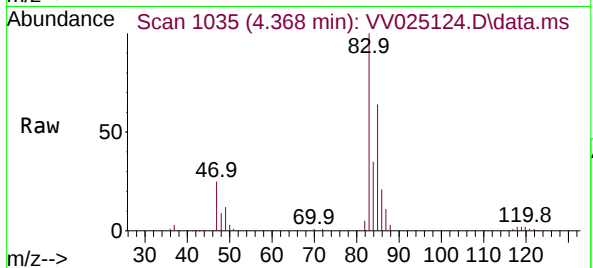
VSTD005343

Tgt Ion: 83 Resp: 99437

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.047 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025124.D

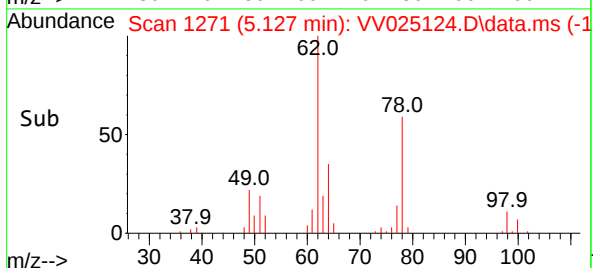
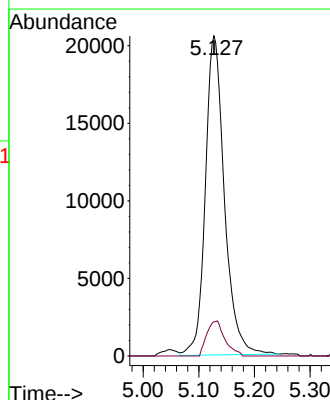
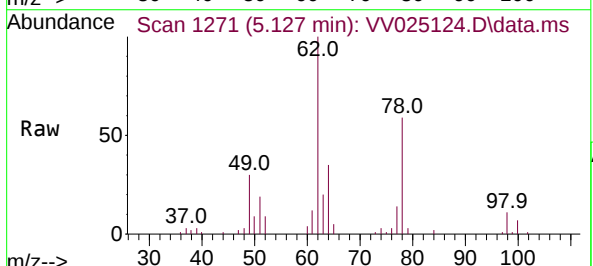
Acq: 22 Mar 2022 14:03

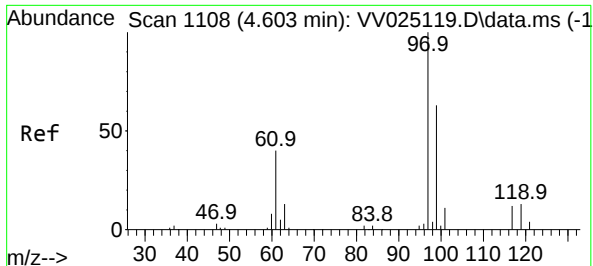
Tgt Ion: 62 Resp: 48980

Ion Ratio Lower Upper

62 100

98 10.7 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.173 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

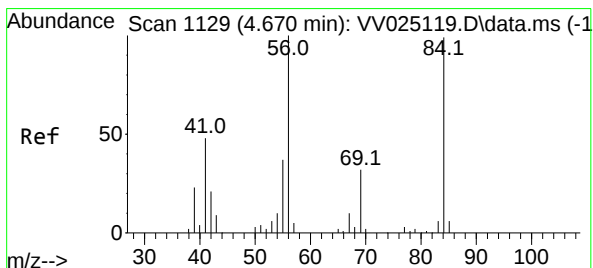
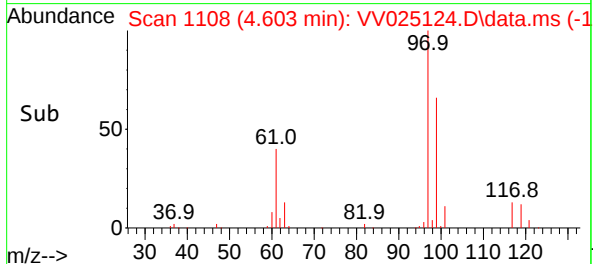
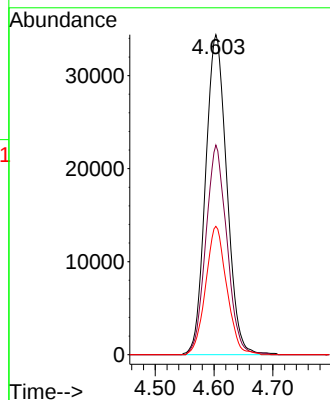
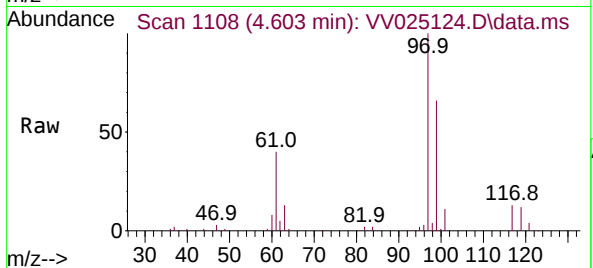
Tgt Ion: 97 Resp: 86278

Ion Ratio Lower Upper

97 100

99 65.0 50.7 76.1

61 39.8 32.4 48.6



#30

Cyclohexane

Concen: 4.814 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

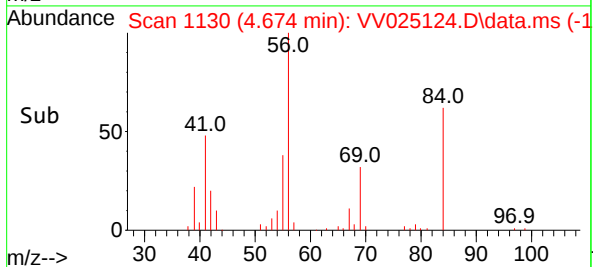
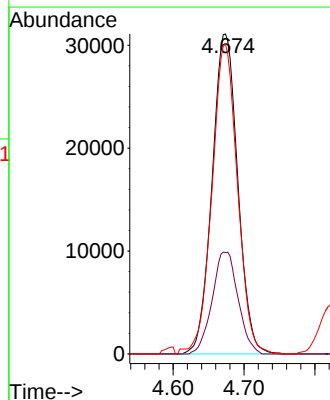
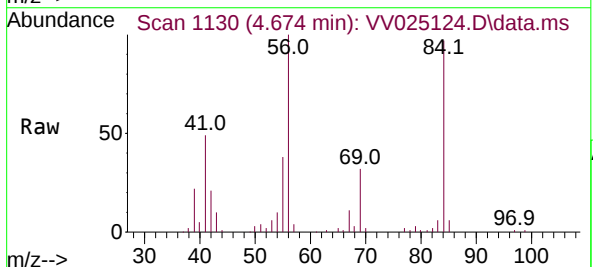
Tgt Ion: 56 Resp: 78119

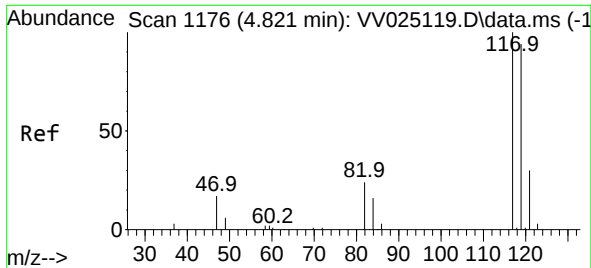
Ion Ratio Lower Upper

56 100

69 32.2 24.9 37.3

84 96.3 75.9 113.9

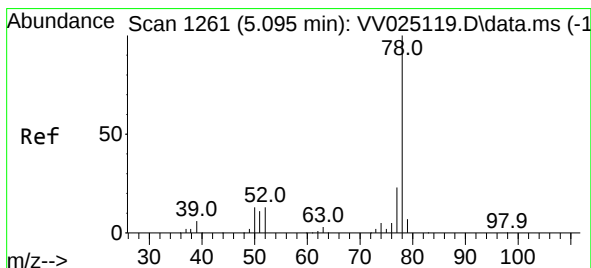
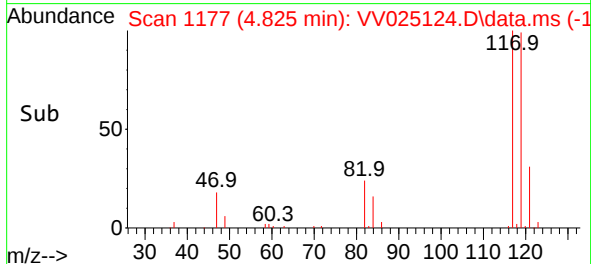
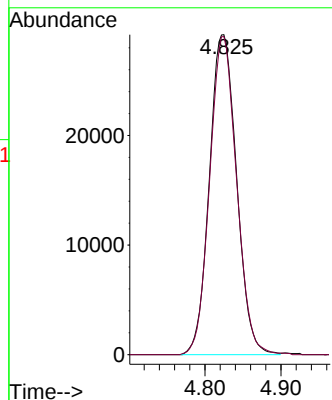
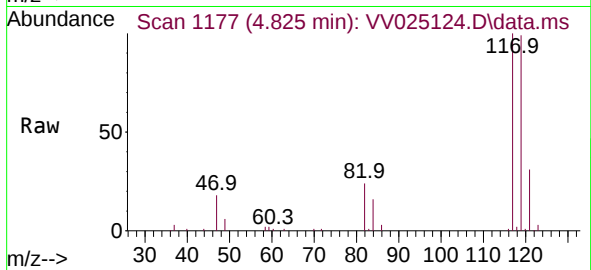




#31
Carbon tetrachloride
Concen: 5.072 ug/L
RT: 4.825 min Scan# 1176
Delta R.T. 0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

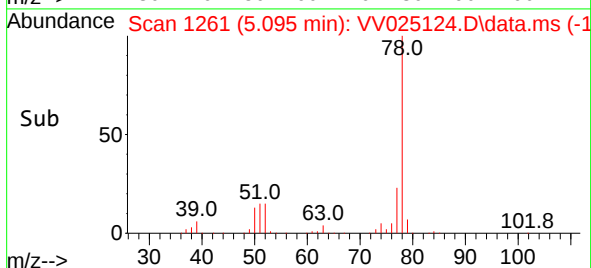
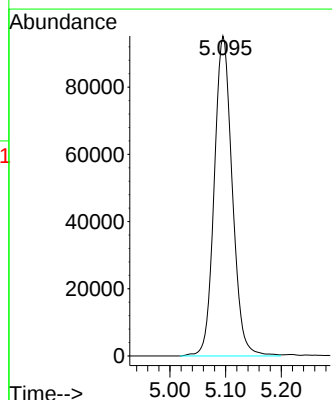
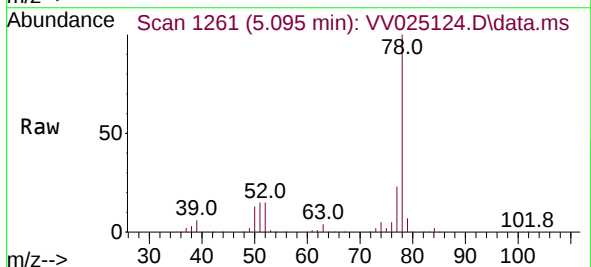
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

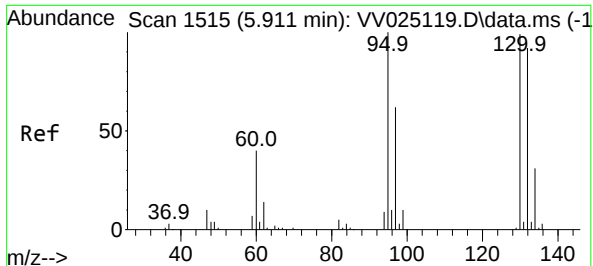
Tgt Ion:117 Resp: 72582
Ion Ratio Lower Upper
117 100
119 98.2 76.8 115.2



#33
Benzene
Concen: 5.034 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 78 Resp: 214143





#34

Trichloroethene

Concen: 5.045 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

Tgt Ion: 95 Resp: 57144

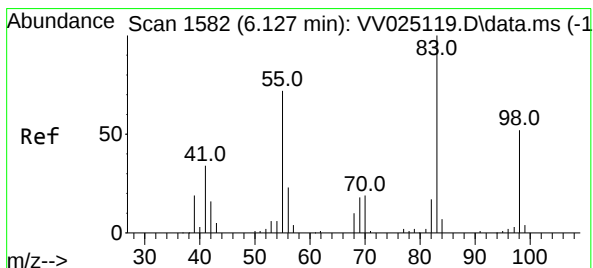
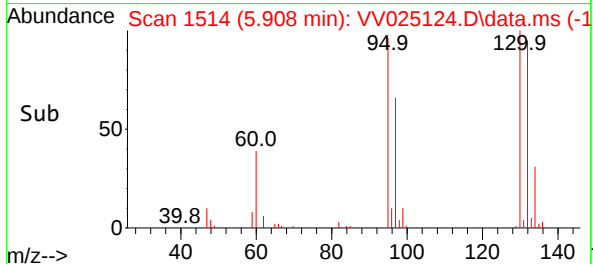
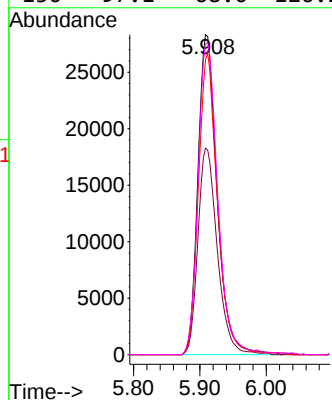
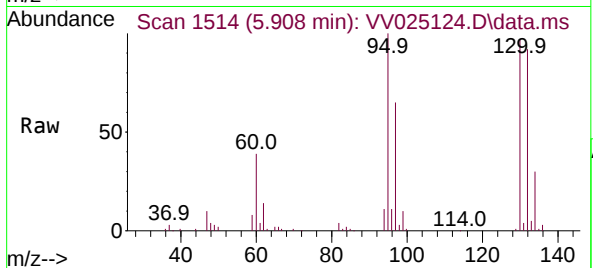
Ion Ratio Lower Upper

95 100

97 64.6 44.5 82.7

132 92.1 66.5 123.5

130 97.1 68.0 126.2



#35

Methylcyclohexane

Concen: 4.807 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

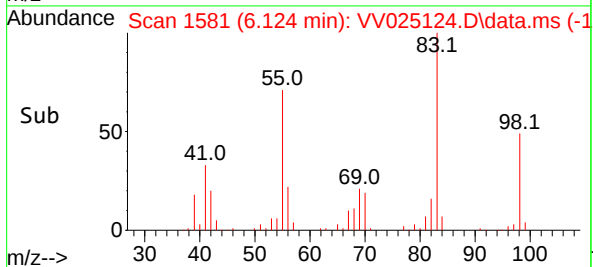
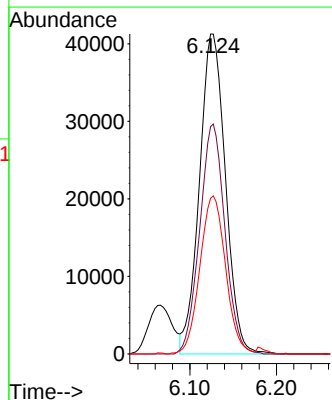
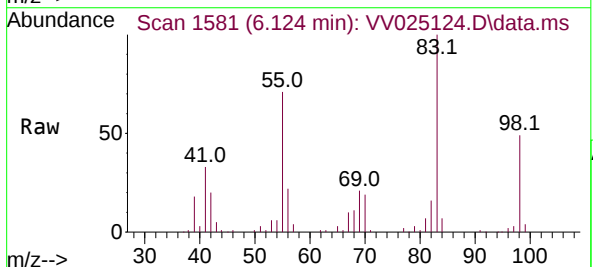
Tgt Ion: 83 Resp: 86191

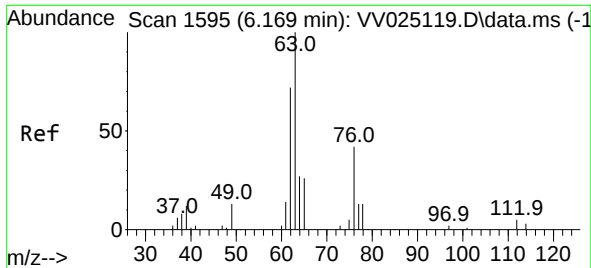
Ion Ratio Lower Upper

83 100

55 69.6 55.4 83.0

98 48.8 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.275 ug/L

RT: 6.169 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

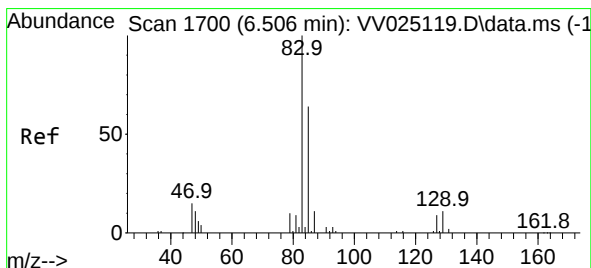
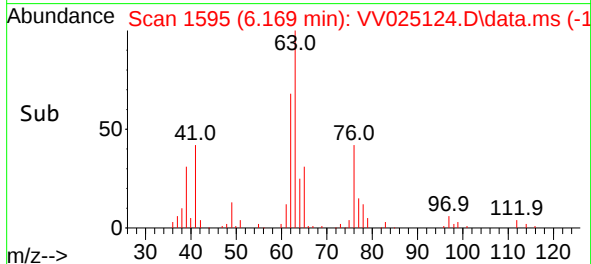
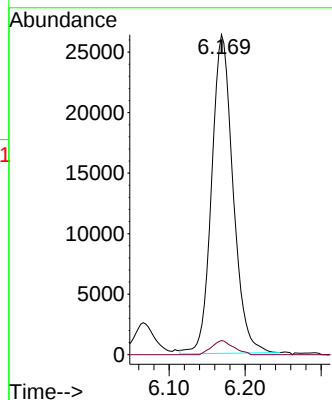
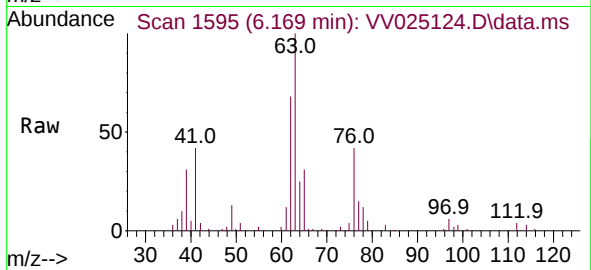
VSTD005343

Tgt Ion: 63 Resp: 51575

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 5.019 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

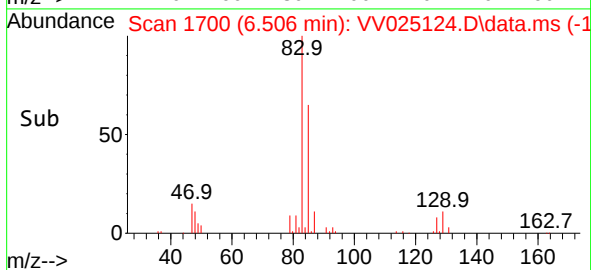
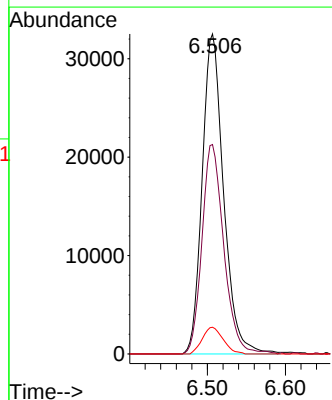
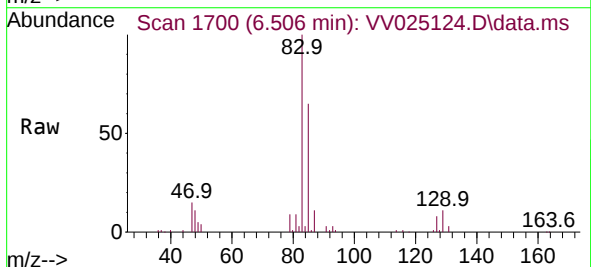
Tgt Ion: 83 Resp: 62053

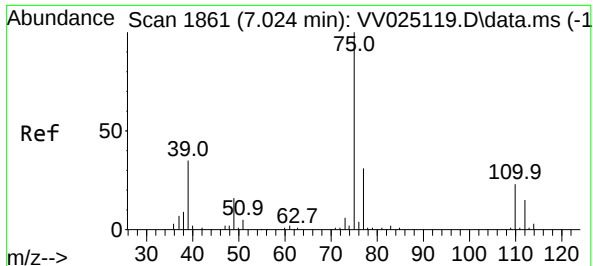
Ion Ratio Lower Upper

83 100

85 65.5 44.8 83.2

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.973 ug/L

RT: 7.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

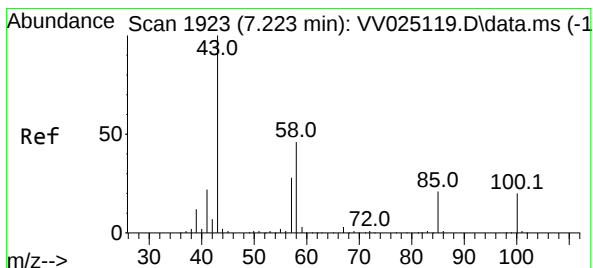
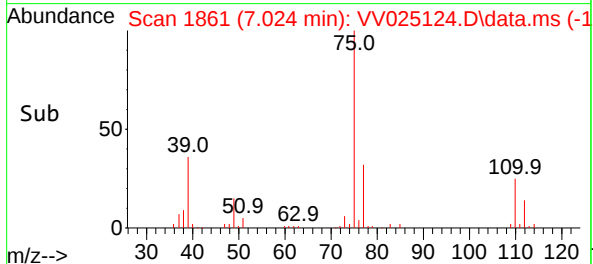
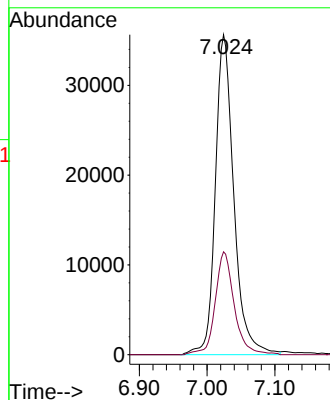
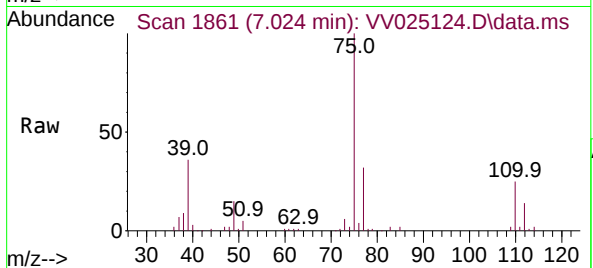
VSTD005343

Tgt Ion: 75 Resp: 67503

Ion Ratio Lower Upper

75 100

77 32.2 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 53.182 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

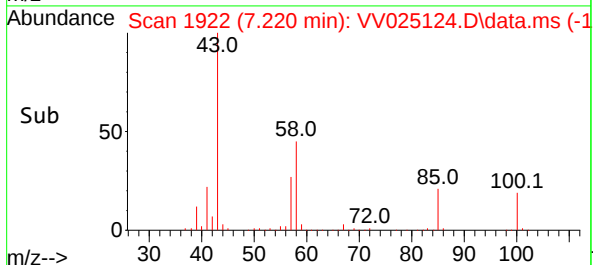
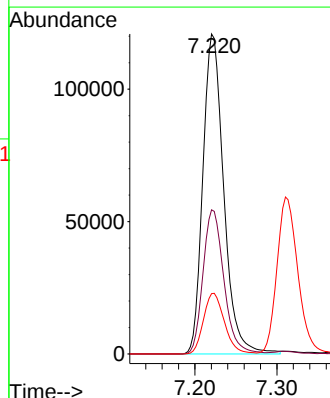
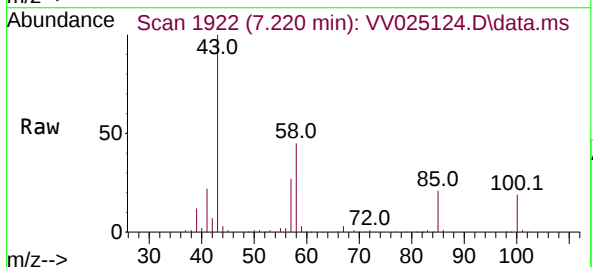
Tgt Ion: 43 Resp: 213943

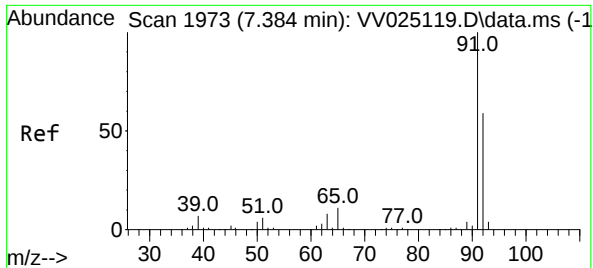
Ion Ratio Lower Upper

43 100

58 45.1 36.6 55.0

100 19.0 13.8 20.8





#42

Toluene

Concen: 5.139 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

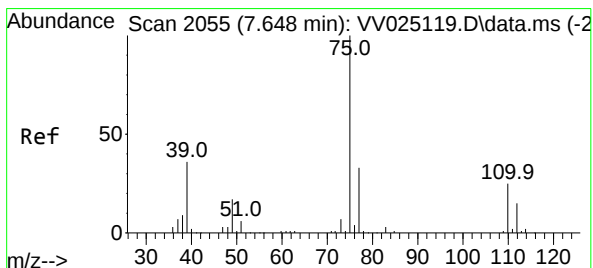
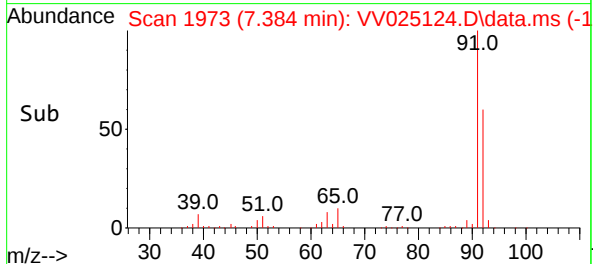
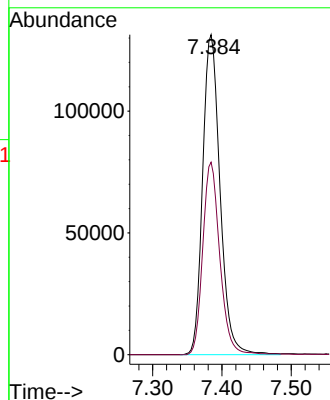
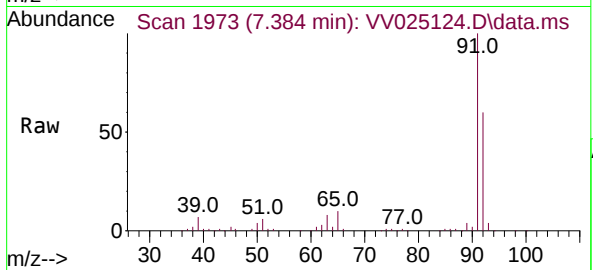
VSTD005343

Tgt Ion: 91 Resp: 228823

Ion Ratio Lower Upper

91 100

92 60.2 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.978 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025124.D

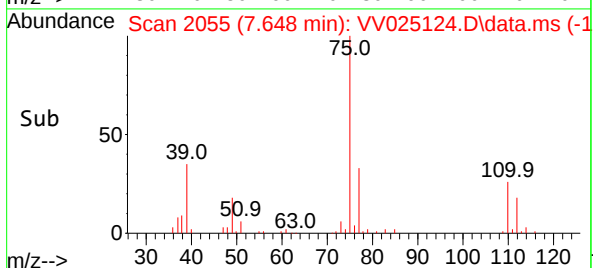
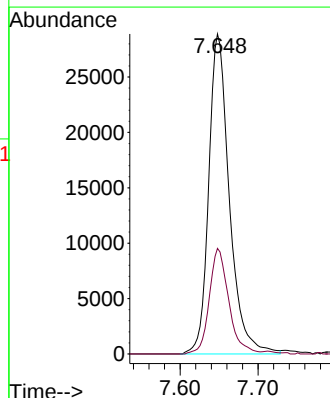
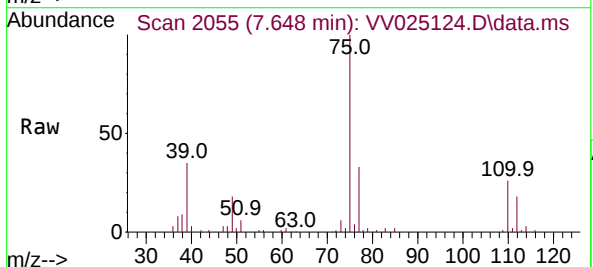
Acq: 22 Mar 2022 14:03

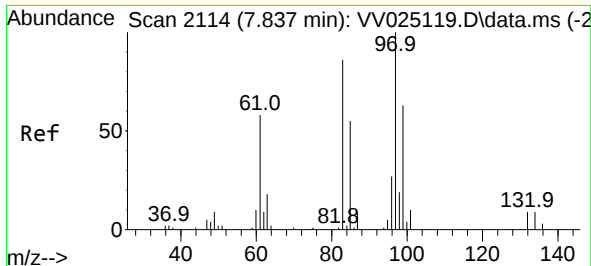
Tgt Ion: 75 Resp: 53176

Ion Ratio Lower Upper

75 100

77 33.0 23.0 42.6



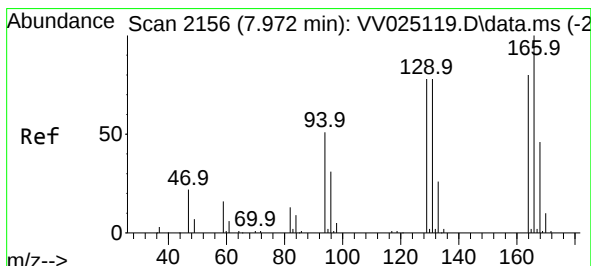
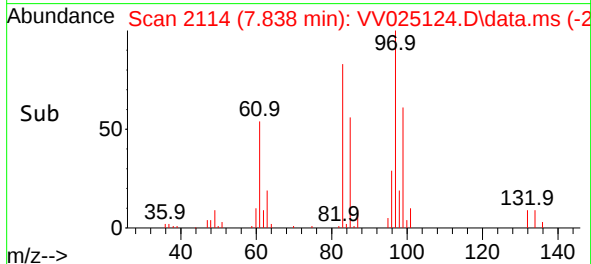
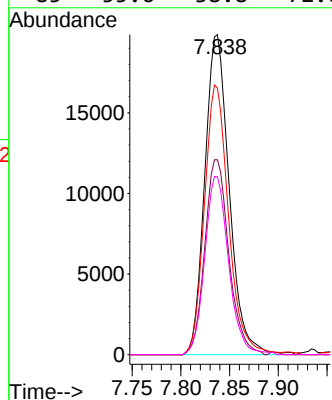
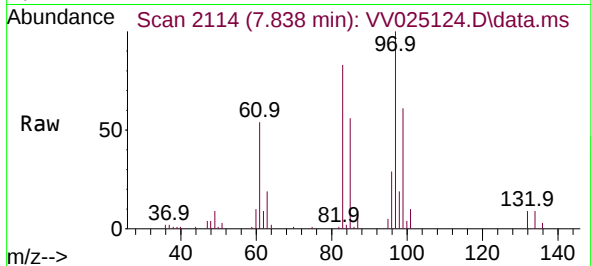


#45
1,1,2-Trichloroethane
Concen: 5.295 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion: 97 Resp: 34577

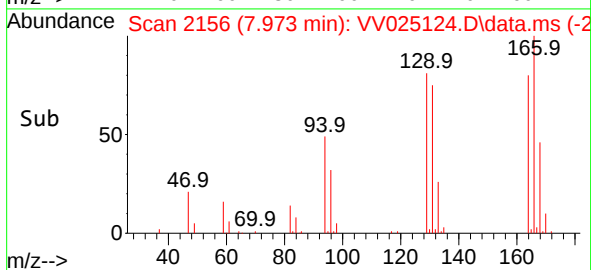
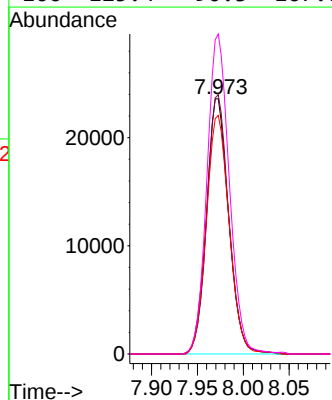
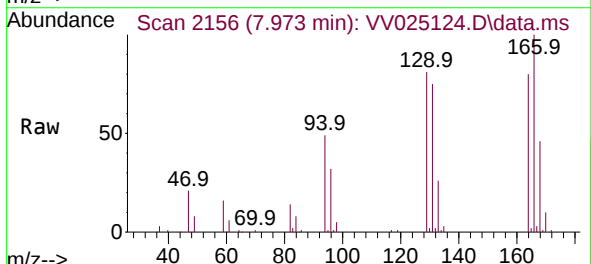
Ion	Ratio	Lower	Upper
97	100		
99	60.9	43.7	81.1
83	83.3	58.9	109.3
85	55.6	38.8	72.0

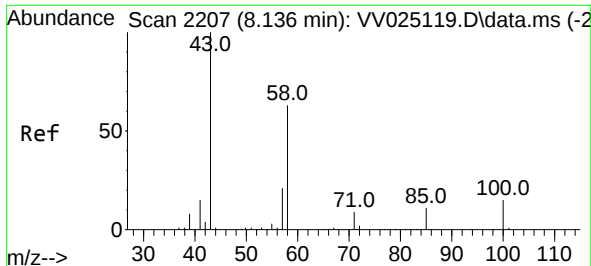


#47
Tetrachloroethene
Concen: 4.965 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 164 Resp: 39569

Ion	Ratio	Lower	Upper
164	100		
129	101.6	70.3	130.7
131	93.5	69.4	129.0
166	125.4	90.3	167.7



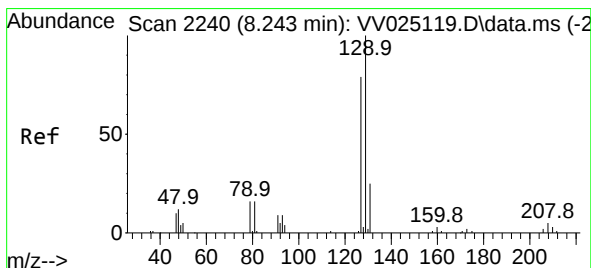
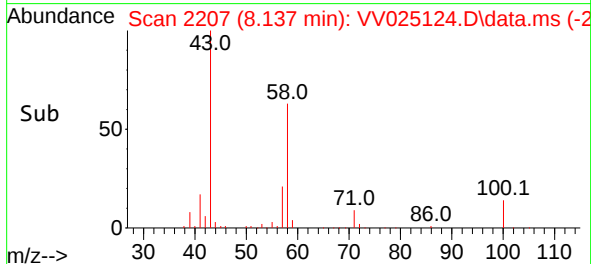
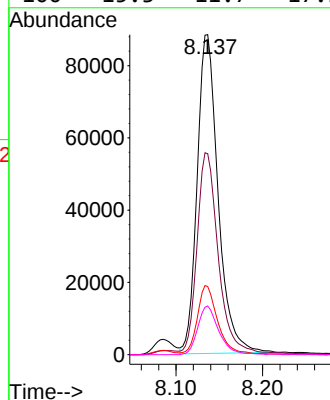
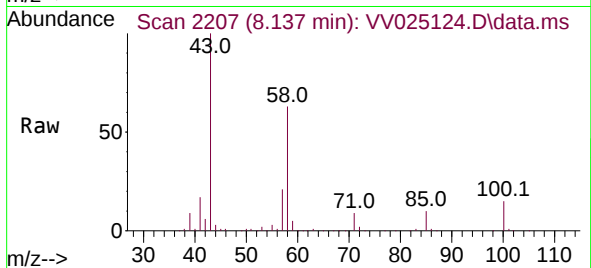


#48
2-Hexanone
Concen: 52.134 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion: 43 Resp: 148686

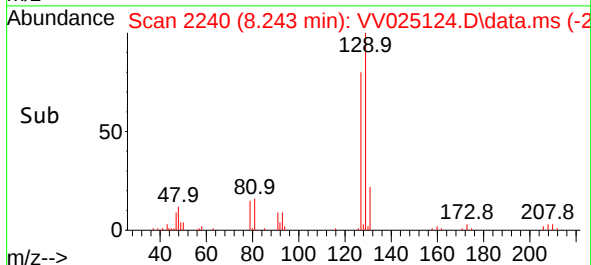
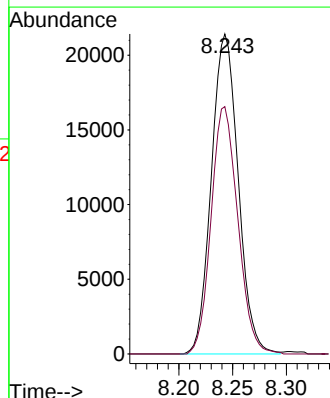
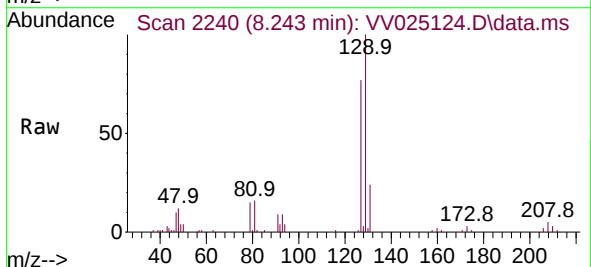
Ion	Ratio	Lower	Upper
43	100		
58	64.5	49.2	73.8
57	20.8	16.0	24.0
100	15.3	11.7	17.5

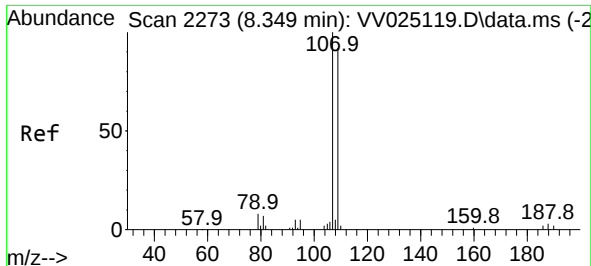


#49
Dibromochloromethane
Concen: 5.094 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 129 Resp: 37238

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.9	102.1





#50

1,2-Dibromoethane

Concen: 5.158 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD005343

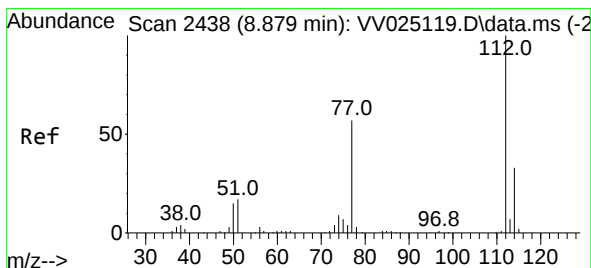
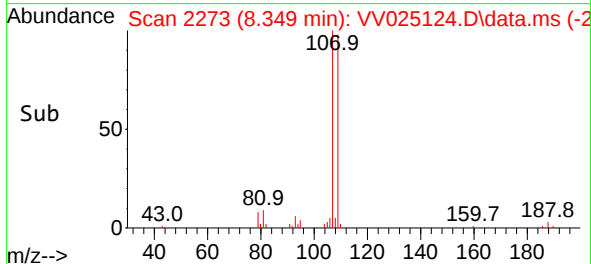
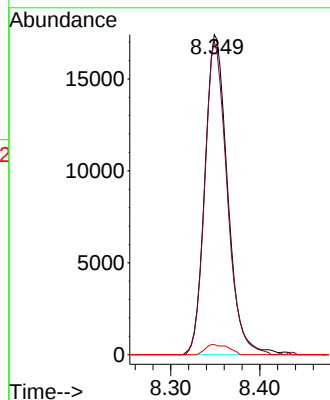
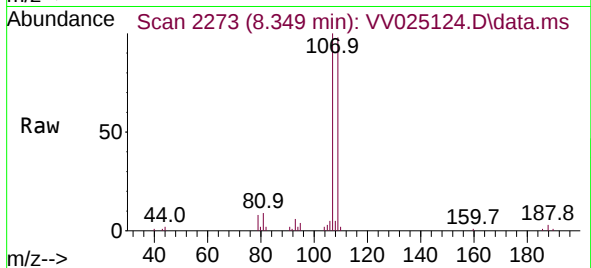
Tgt Ion:107 Resp: 30822

Ion Ratio Lower Upper

107 100

109 97.9 65.5 121.6

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 5.126 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

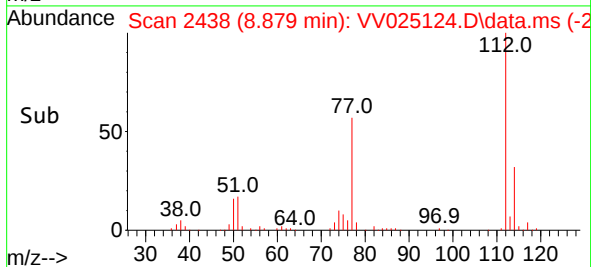
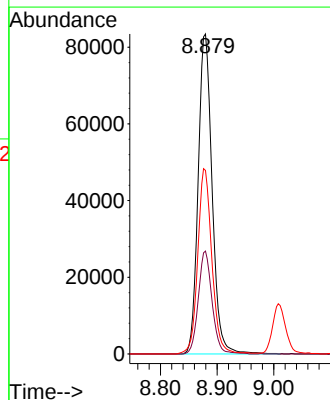
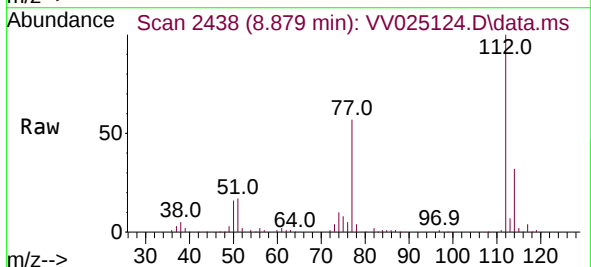
Tgt Ion:112 Resp: 142907

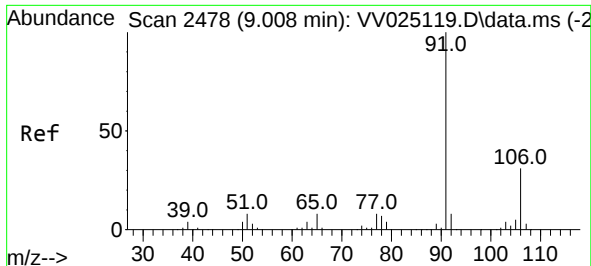
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 57.4 45.3 67.9





#52

Ethylbenzene

Concen: 5.124 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

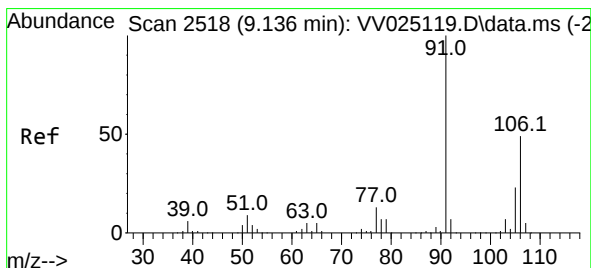
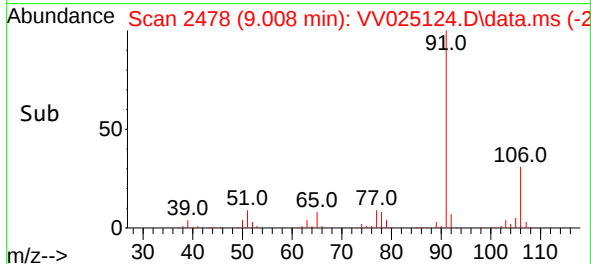
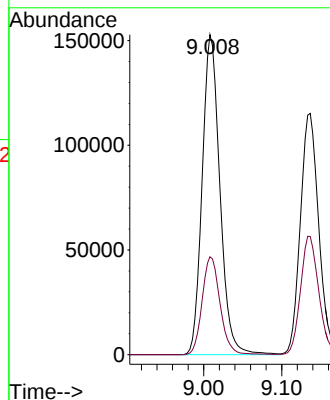
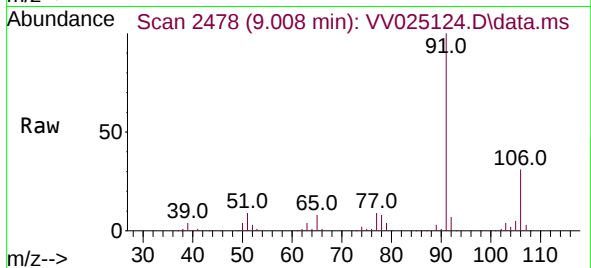
VSTD005343

Tgt Ion: 91 Resp: 241339

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-xylene

Concen: 5.071 ug/L

RT: 9.133 min Scan# 2517

Delta R.T. -0.003 min

Lab File: VV025124.D

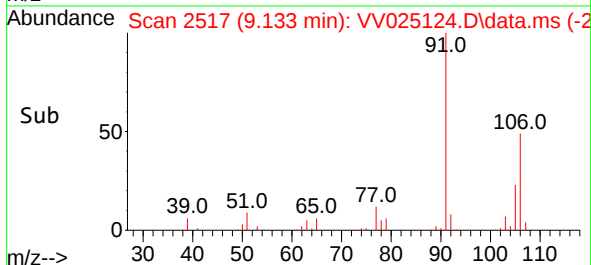
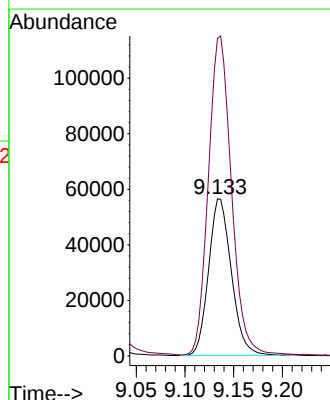
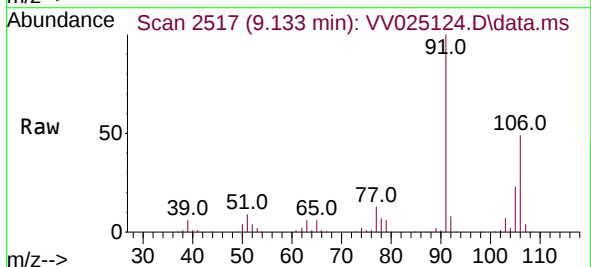
Acq: 22 Mar 2022 14:03

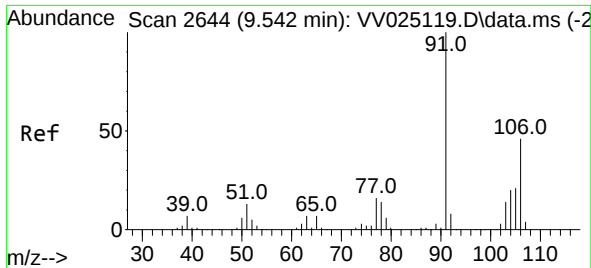
Tgt Ion:106 Resp: 91976

Ion Ratio Lower Upper

106 100

91 202.2 143.4 266.4

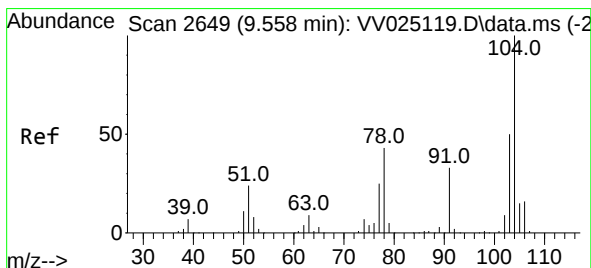
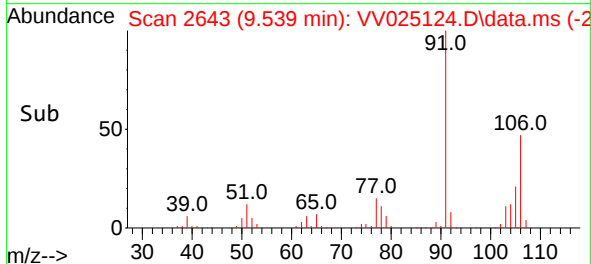
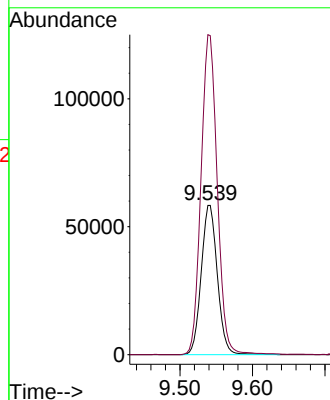
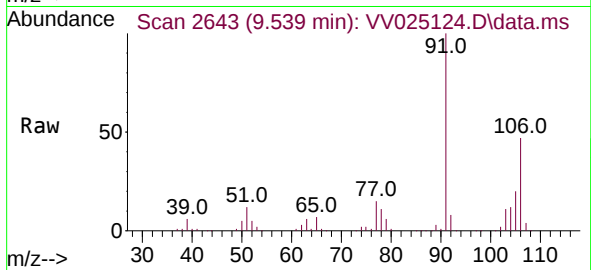




#54
o-xylene
Concen: 5.193 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

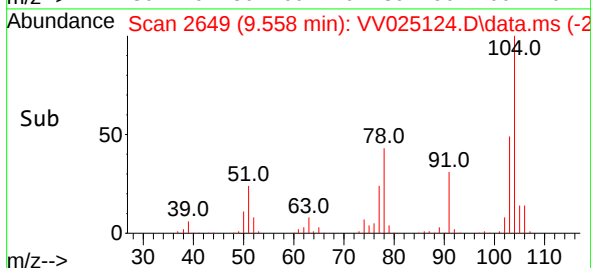
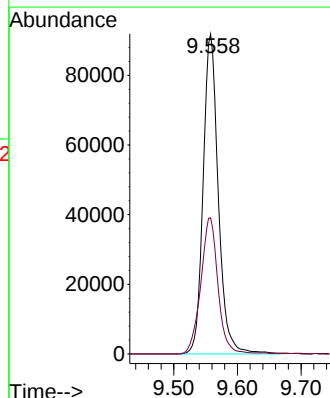
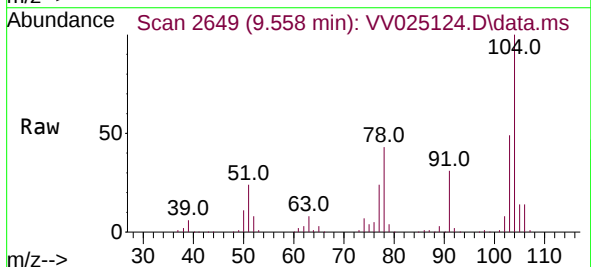
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

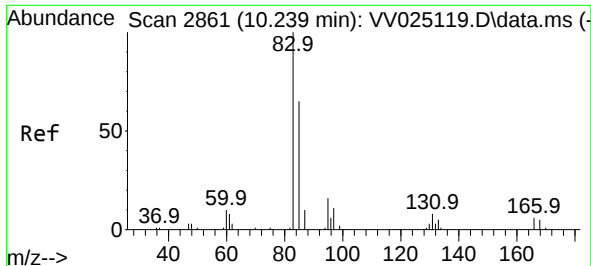
Tgt Ion:106 Resp: 90062
Ion Ratio Lower Upper
106 100
91 214.3 146.7 272.5



#55
Styrene
Concen: 5.391 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion:104 Resp: 152295
Ion Ratio Lower Upper
104 100
78 42.6 30.2 56.2

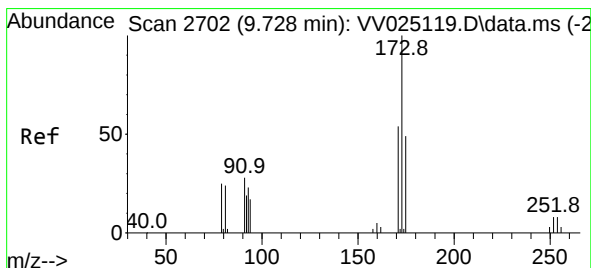
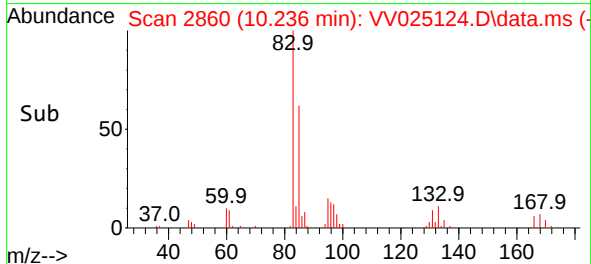
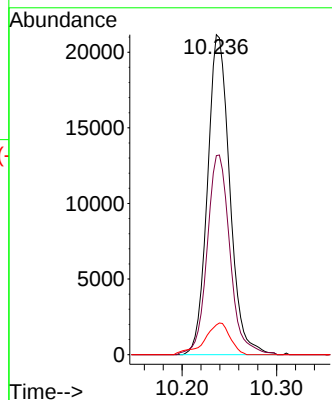
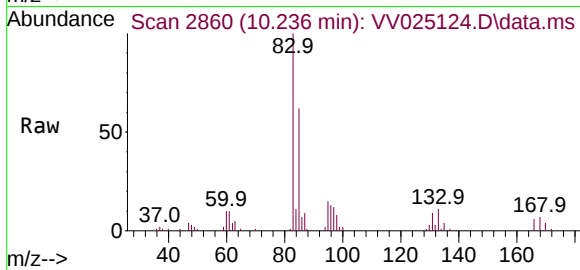




#57
1,1,2,2-Tetrachloroethane
Concen: 5.399 ug/L
RT: 10.236 min Scan# 2860
Delta R.T. -0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

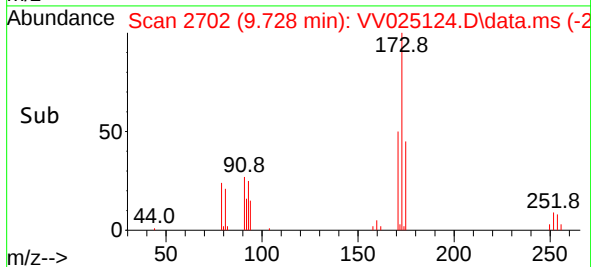
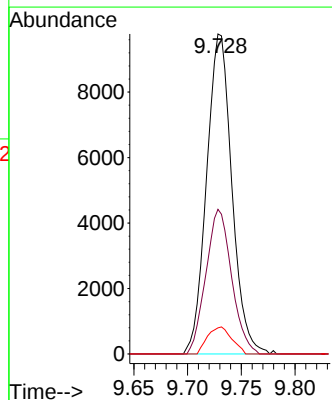
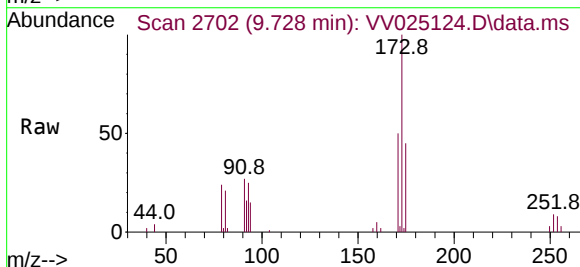
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

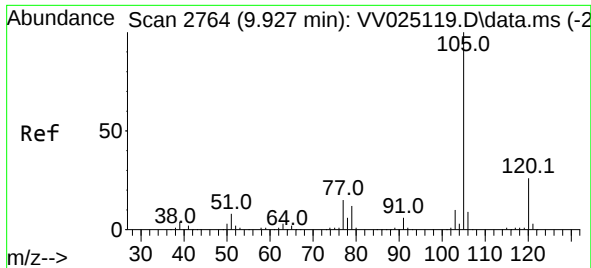
Tgt Ion: 83 Resp: 34562
Ion Ratio Lower Upper
83 100
85 62.2 43.9 81.5
131 9.3 7.5 11.3



#59
Bromoform
Concen: 4.653 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 173 Resp: 16009
Ion Ratio Lower Upper
173 100
175 45.9 37.8 56.8
254 8.1 5.8 8.6

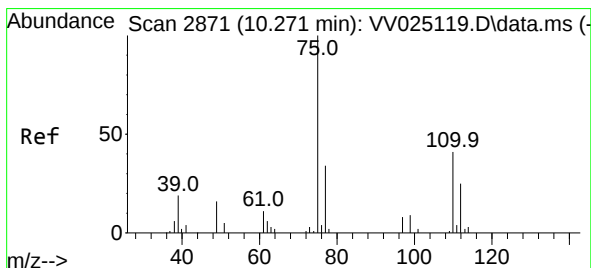
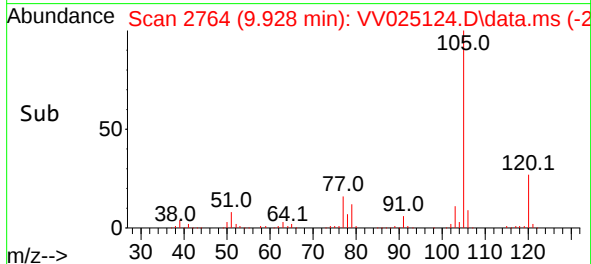
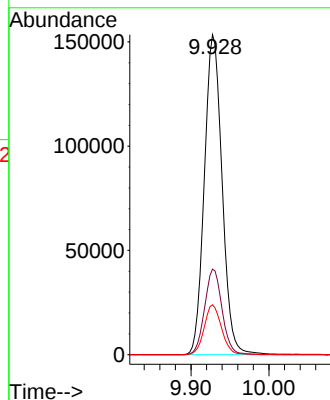
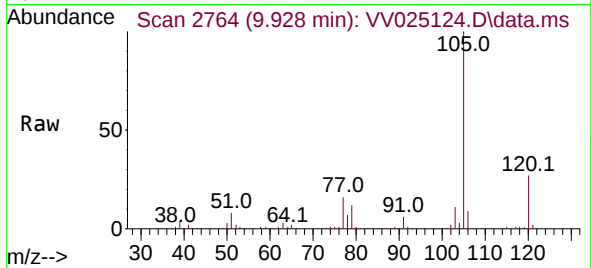




#60
Isopropylbenzene
Concen: 5.045 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

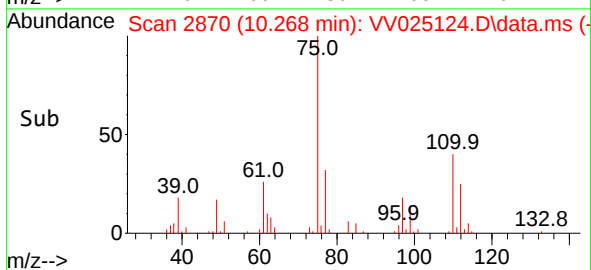
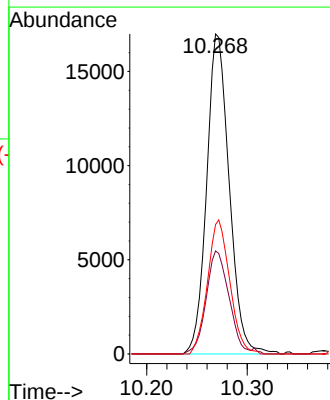
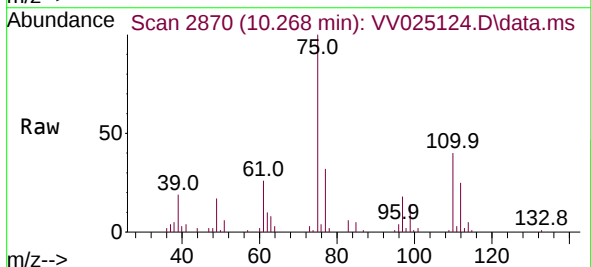
Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

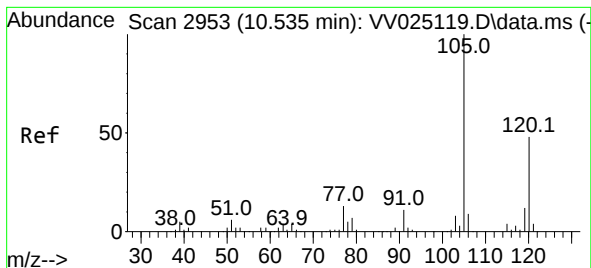
Tgt Ion:105 Resp: 243053
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.938 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion: 75 Resp: 26531
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 41.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.012 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV025124.D

Acq: 22 Mar 2022 14:03

Instrument :

MSVOA_V

ClientSampleId :

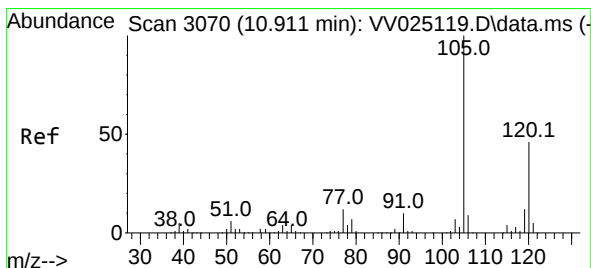
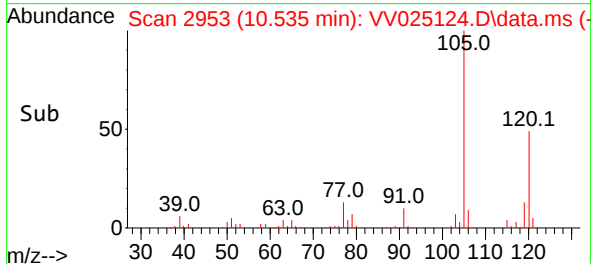
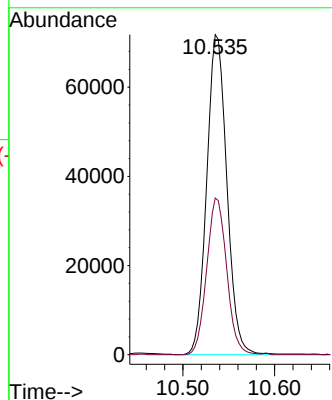
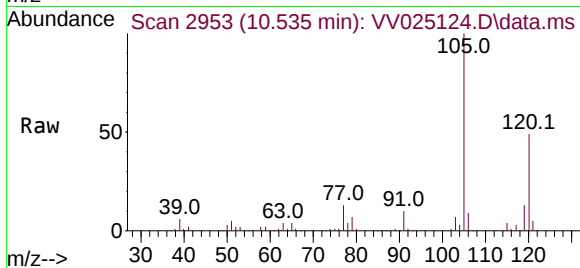
VSTD005343

Tgt Ion:105 Resp: 109572

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 5.161 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025124.D

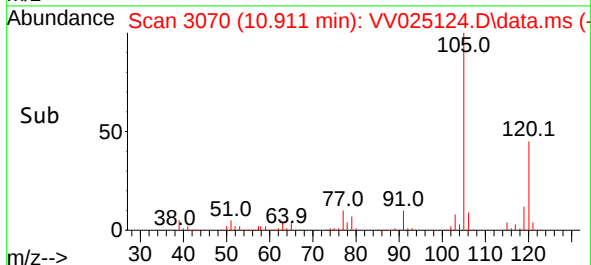
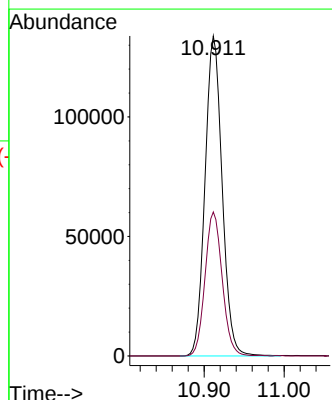
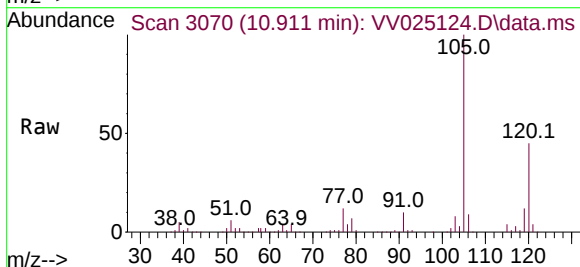
Acq: 22 Mar 2022 14:03

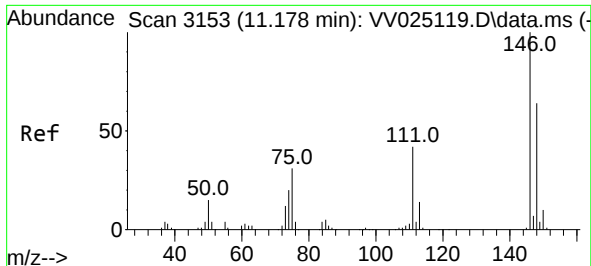
Tgt Ion:105 Resp: 199822

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

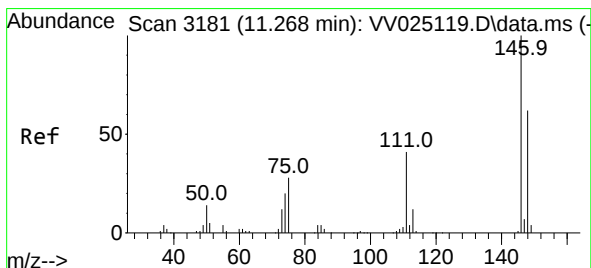
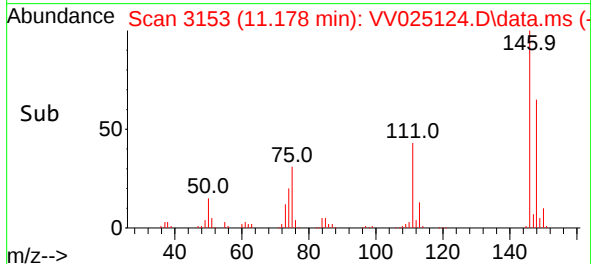
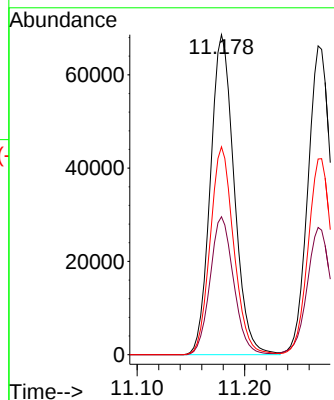
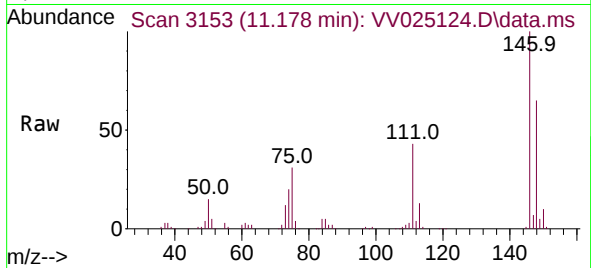




#64
 1,3-Dichlorobenzene
 Concen: 5.052 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

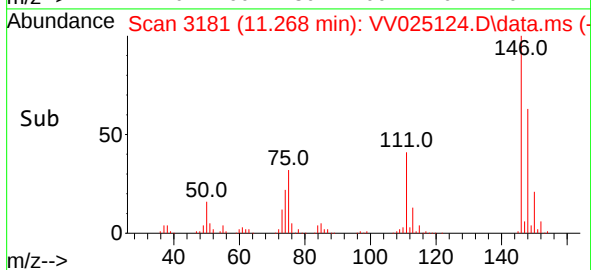
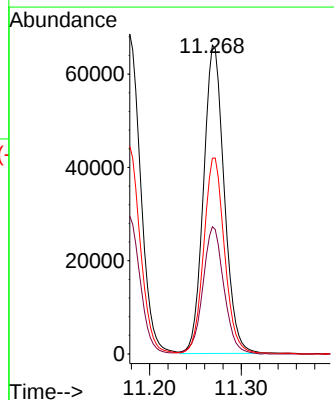
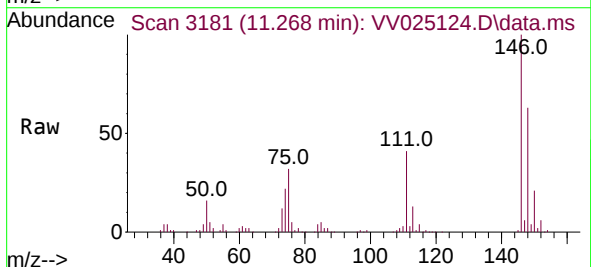
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

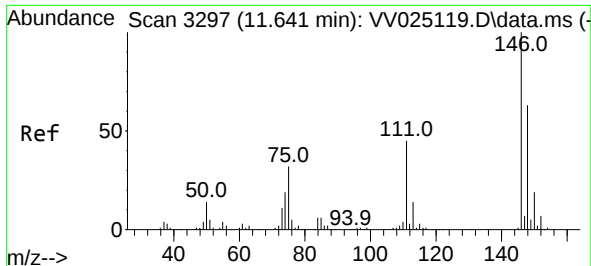
Tgt Ion:146 Resp: 105574
 Ion Ratio Lower Upper
 146 100
 111 43.1 29.2 54.2
 148 65.0 43.8 81.4



#65
 1,4-Dichlorobenzene
 Concen: 4.925 ug/L
 RT: 11.268 min Scan# 3181
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion:146 Resp: 103745
 Ion Ratio Lower Upper
 146 100
 111 41.2 28.2 52.4
 148 63.3 43.8 81.4

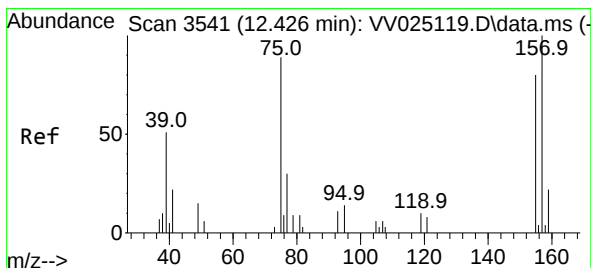
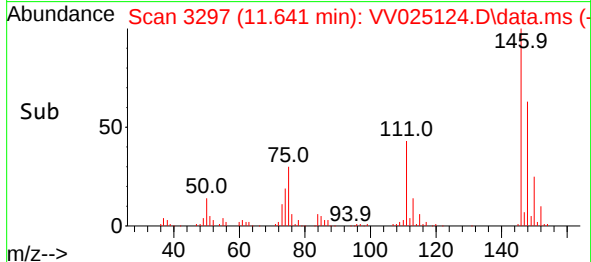
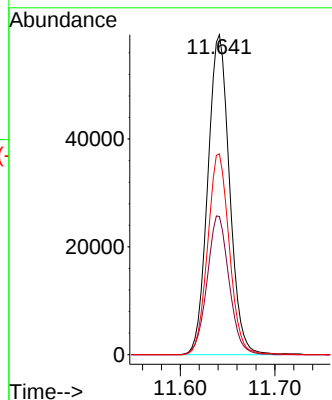
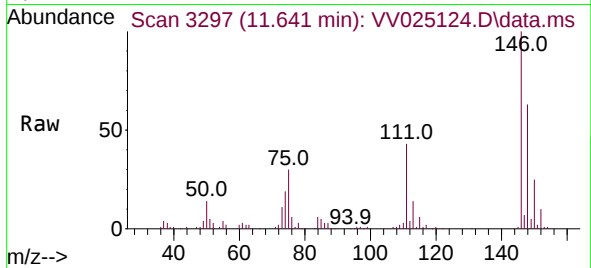




#67
 1,2-Dichlorobenzene
 Concen: 5.107 ug/L
 RT: 11.641 min Scan# 3297
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

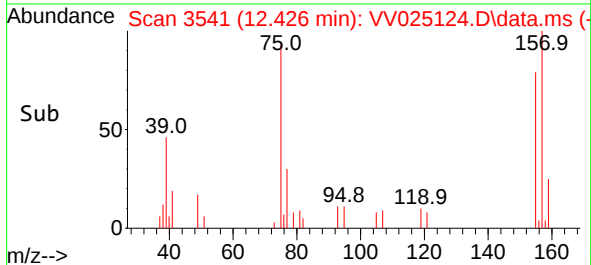
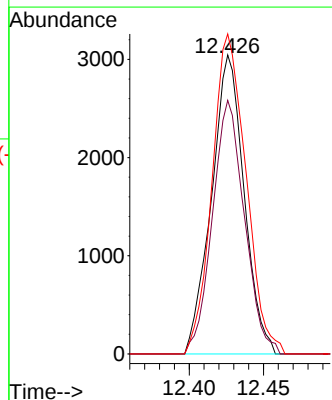
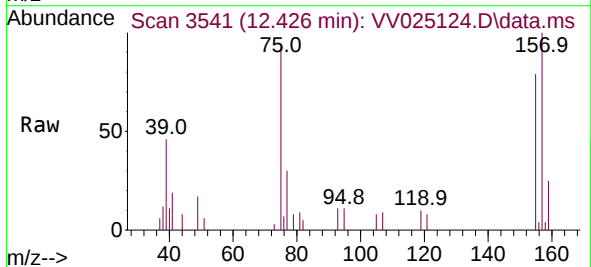
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

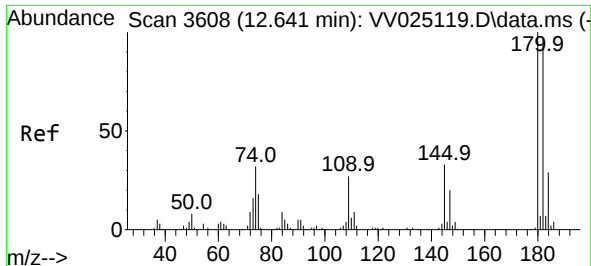
Tgt Ion:	146	Resp:	94569
Ion	Ratio	Lower	Upper
146	100		
111	43.2	35.5	53.3
148	62.8	49.7	74.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 5.050 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion:	75	Resp:	4651
Ion	Ratio	Lower	Upper
75	100		
155	84.8	65.9	98.9
157	107.0	89.7	134.5

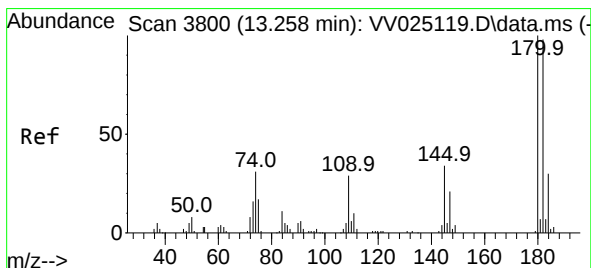
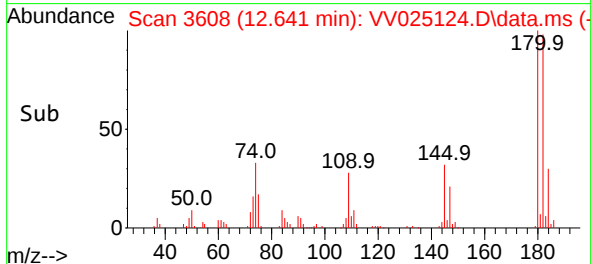
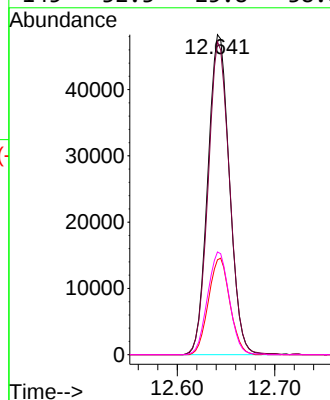
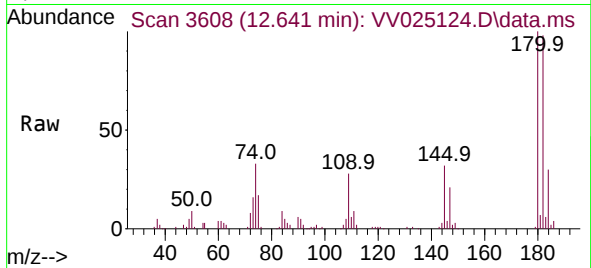




#69
 1,3,5-Trichlorobenzene
 Concen: 5.036 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

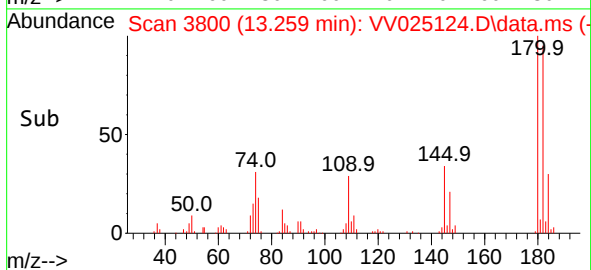
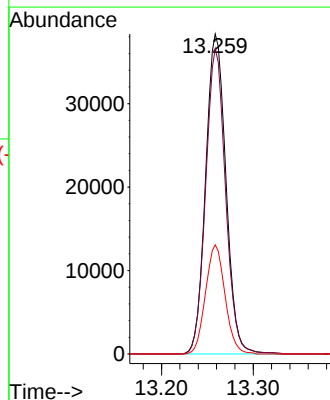
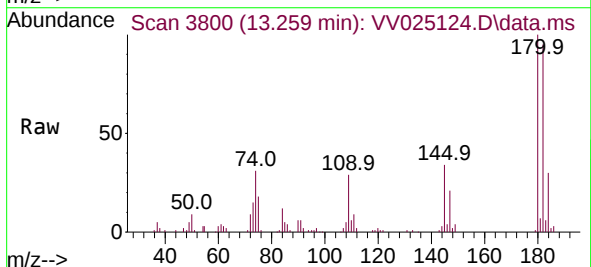
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

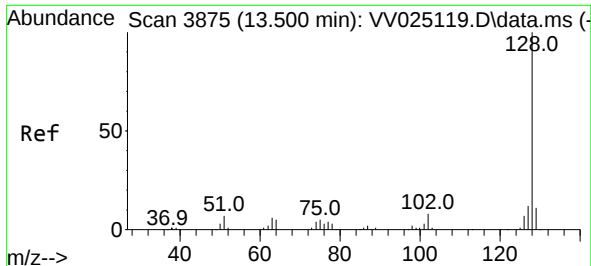
Tgt Ion:180	Resp:	74342
Ion Ratio	Lower	Upper
180	100	
182	97.1	75.4 113.0
184	29.9	24.2 36.4
145	32.3	25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.124 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025124.D
 Acq: 22 Mar 2022 14:03

Tgt Ion:180	Resp:	58927
Ion Ratio	Lower	Upper
180	100	
182	93.5	74.6 112.0
145	32.9	26.1 39.1

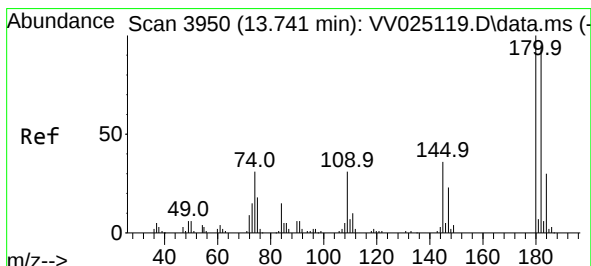
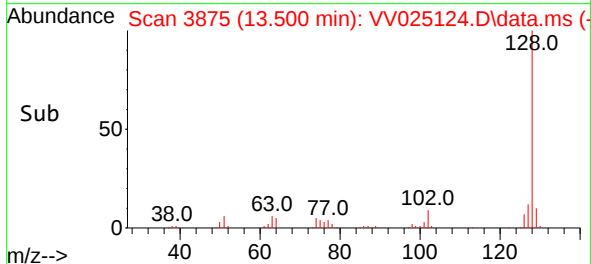
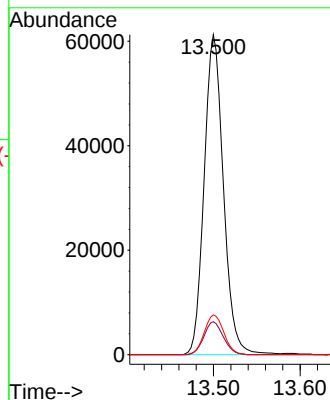
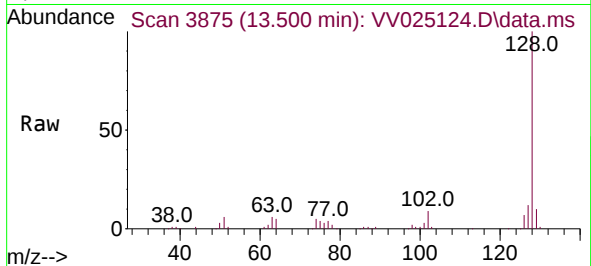




#71
Naphthalene
Concen: 4.960 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD005343

Tgt Ion:128 Resp: 94732
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 12.7 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.121 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025124.D
Acq: 22 Mar 2022 14:03

Tgt Ion:180 Resp: 49909
Ion Ratio Lower Upper
180 100
182 92.4 74.8 112.2
145 34.6 27.6 41.4

