

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025402.D
 Acq On : 08 Apr 2022 11:21
 Operator : SY/MD
 Sample : VSTD0.531
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5231

Quant Time: Apr 09 04:21:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	242390	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	235551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	123770	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	10393	0.459	ug/L	0.00
7) Chloroethane-d5	1.571	69	9577	0.483	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	20598	0.426	ug/L	0.00
20) 2-Butanone-d5	3.918	46	10589	4.450	ug/L	0.03
24) Chloroform-d	4.362	84	15594	0.512	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.046	65	6305	0.472	ug/L	0.01
32) Benzene-d6	5.059	84	29413	0.483	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	8411	0.491	ug/L	0.00
41) Toluene-d8	7.323	98	26345	0.472	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	2374	0.426	ug/L	0.00
46) 2-Hexanone-d5	8.098	63	8126	4.074	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5406	0.482	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	9314	0.464	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	11369	0.501	ug/L	97
3) Chloromethane	1.243	50	12727	0.475	ug/L	99
5) Vinyl chloride	1.314	62	14622	0.489	ug/L	94
6) Bromomethane	1.526	94	9750	0.536	ug/L	95
8) Chloroethane	1.587	64	9810	0.512	ug/L	97
9) Trichlorofluoromethane	1.757	101	20467	0.507	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	10792	0.449	ug/L	99
12) 1,1-Dichloroethene	2.124	96	11287	0.494	ug/L #	82
13) Acetone	2.178	43	10824	6.354	ug/L	95
14) Carbon disulfide	2.301	76	26339	0.547	ug/L	99
15) Methyl Acetate	2.449	43	2453	0.639	ug/L #	82
16) Methylene chloride	2.513	84	13503	0.730	ug/L	96
17) Methyl tert-butyl Ether	2.773	73	17062	0.576	ug/L	97
18) trans-1,2-Dichloroethene	2.767	96	9134	0.548	ug/L	92
19) 1,1-Dichloroethane	3.194	63	16721	0.598	ug/L	94
22) cis-1,2-Dichloroethene	3.921	96	9587	0.556	ug/L	97
23) Bromochloromethane	4.256	128	4041	0.572	ug/L	91
25) Chloroform	4.384	83	16039	0.519	ug/L	94
27) 1,2-Dichloroethane	5.143	62	9328	0.583	ug/L #	92
29) 1,1,1-Trichloroethane	4.612	97	15126	0.564	ug/L	97
30) Cyclohexane	4.683	56	12626	0.523	ug/L	94
31) Carbon tetrachloride	4.831	117	12123	0.524	ug/L	99
33) Benzene	5.108	78	37525	0.572	ug/L	100
34) Trichloroethene	5.924	95	9024	0.499	ug/L	93
35) Methylcyclohexane	6.133	83	14777	0.525	ug/L	96
37) 1,2-Dichloropropane	6.178	63	9061	0.595	ug/L	99
38) Bromodichloromethane	6.513	83	10330	0.536	ug/L	98
39) cis-1,3-Dichloropropene	7.037	75	10303	0.523	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	31636	5.178	ug/L	96
42) Toluene	7.394	91	38433	0.550	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	7773	0.501	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	5812	0.560	ug/L	97

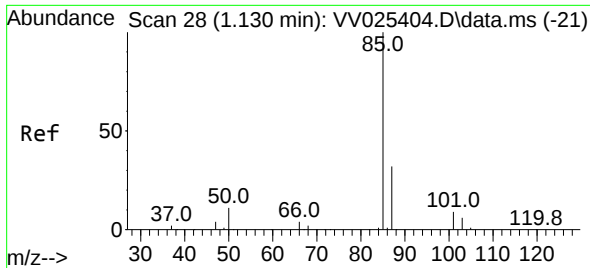
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Tetrachloroethene	7.976	164	7458	0.563	ug/L	97
48) 2-Hexanone	8.146	43	21352	4.921	ug/L	98
49) Dibromochloromethane	8.249	129	5850	0.521	ug/L	80
50) 1,2-Dibromoethane	8.355	107	5522	0.568	ug/L #	93
51) Chlorobenzene	8.882	112	25214	0.557	ug/L	97
52) Ethylbenzene	9.014	91	41394	0.559	ug/L	98
53) m,p-Xylene	9.140	106	14194	0.492	ug/L	97
54) o-Xylene	9.545	106	14369	0.523	ug/L	96
55) Styrene	9.564	104	21763	0.482	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.242	83	5889	0.548	ug/L #	98
59) Bromoform	9.731	173	2639	0.552	ug/L #	92
60) Isopropylbenzene	9.931	105	38926	0.508	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	4475	0.514	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	16562	0.479	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	29193	0.477	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	18972	0.527	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	20587	0.568	ug/L	95
67) 1,2-Dichlorobenzene	11.644	146	17539	0.555	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	751	0.480	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	14811	0.566	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	11375	0.575	ug/L	97
71) Naphthalene	13.506	128	16291	0.532	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	9480	0.558	ug/L	100

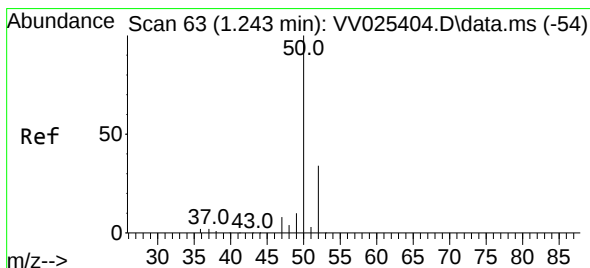
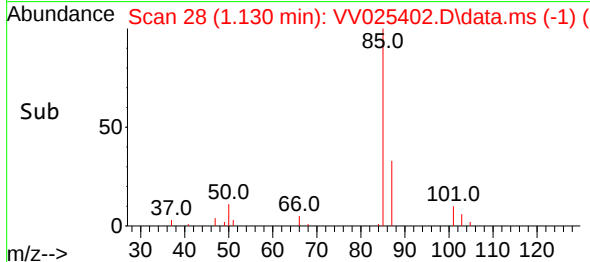
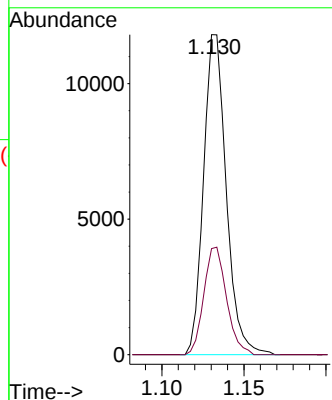
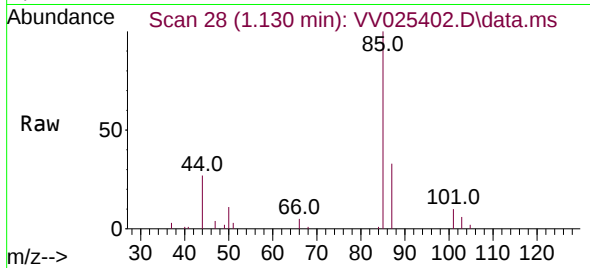
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.501 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

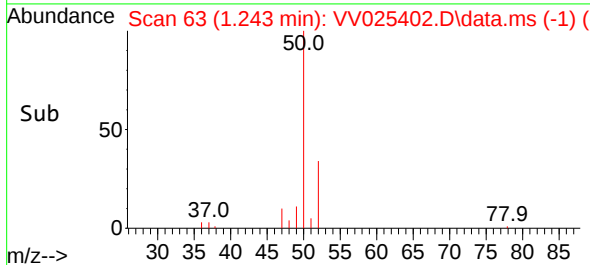
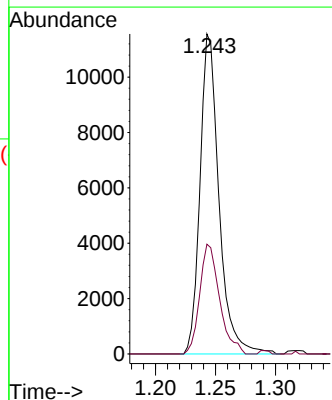
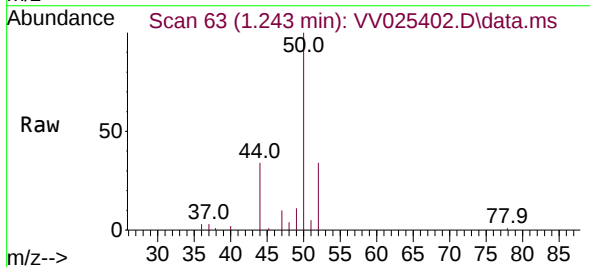
Instrument :
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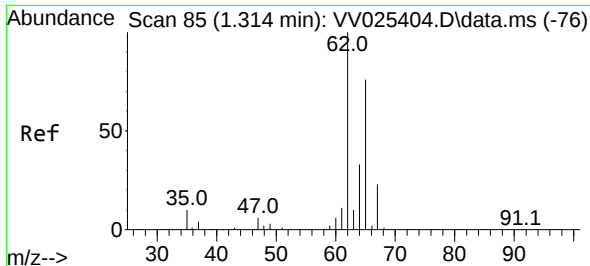
Tgt Ion: 85 Resp: 11369
 Ion Ratio Lower Upper
 85 100
 87 33.5 25.6 38.4



#3
 Chloromethane
 Concen: 0.475 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Tgt Ion: 50 Resp: 12727
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.7 43.9

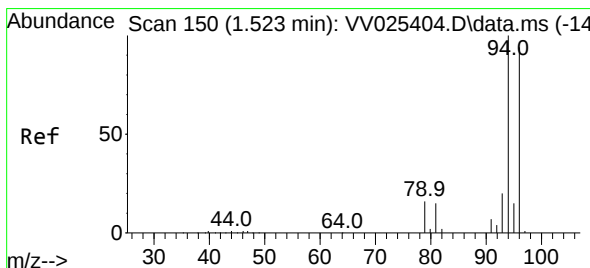
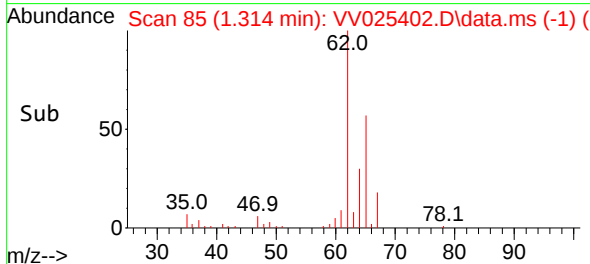
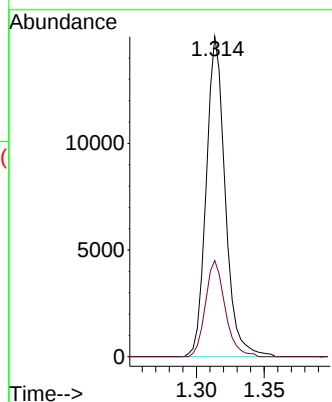
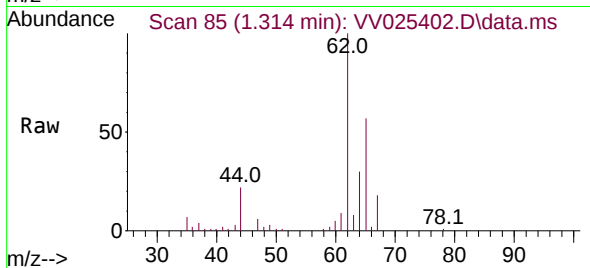




#5
 Vinyl chloride
 Concen: 0.489 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

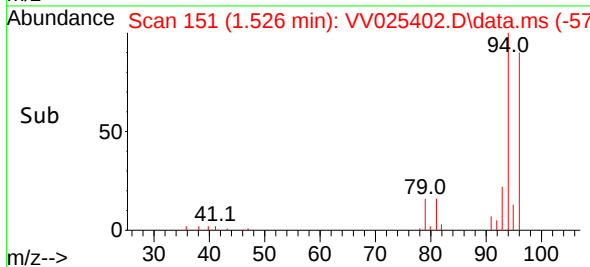
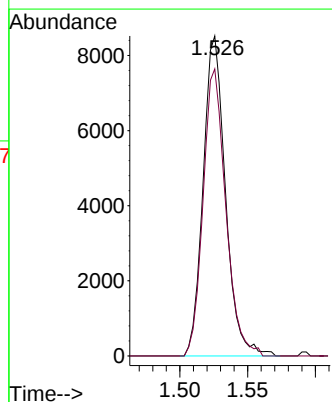
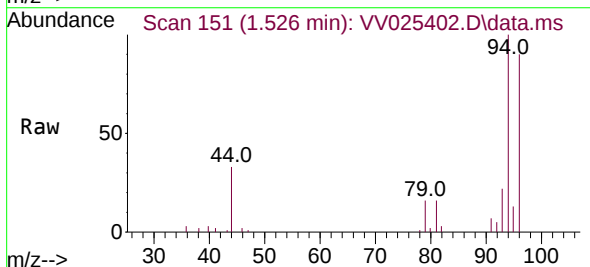
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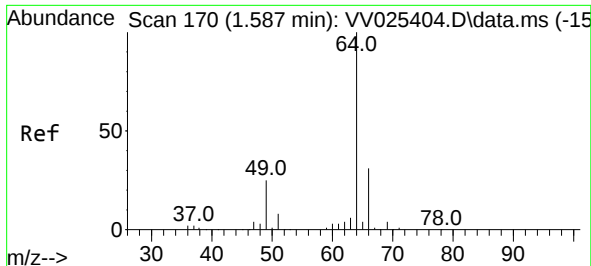
Tgt Ion: 62 Resp: 14622
 Ion Ratio Lower Upper
 62 100
 64 30.1 23.2 43.2



#6
 Bromomethane
 Concen: 0.536 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Tgt Ion: 94 Resp: 9750
 Ion Ratio Lower Upper
 94 100
 96 89.7 66.1 122.7

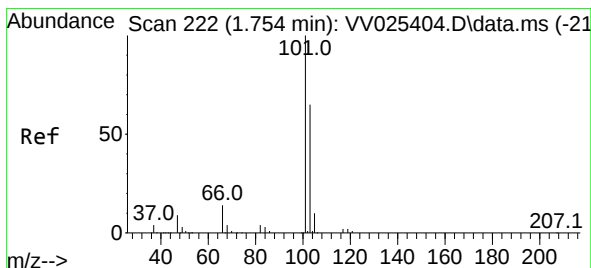
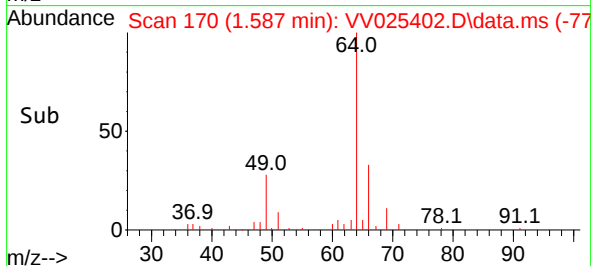
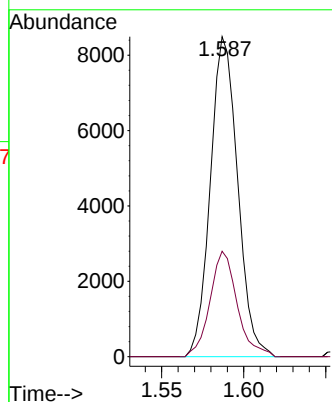
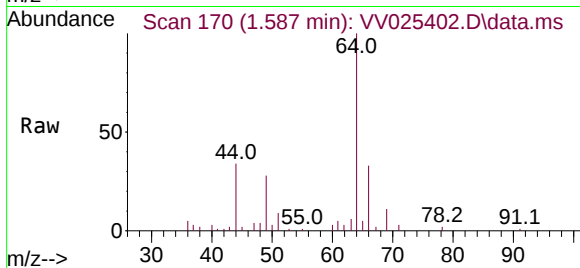




#8
Chloroethane
Concen: 0.512 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

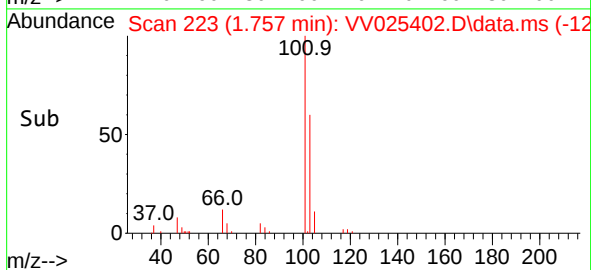
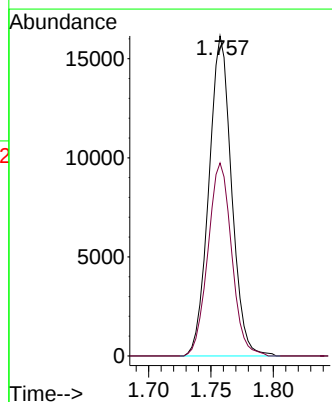
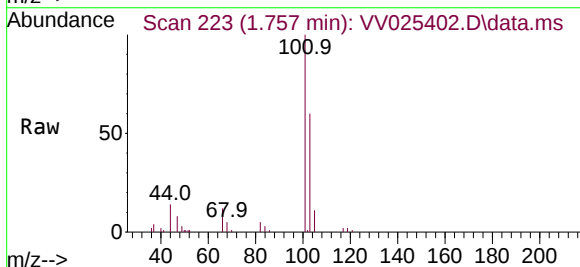
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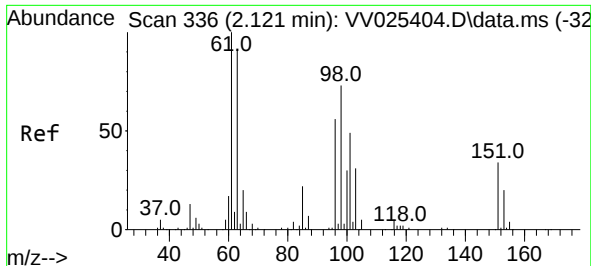
Tgt Ion: 64 Resp: 9810
Ion Ratio Lower Upper
64 100
66 32.9 21.8 40.6



#9
Trichlorofluoromethane
Concen: 0.507 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion:101 Resp: 20467
Ion Ratio Lower Upper
101 100
103 62.9 51.9 77.9

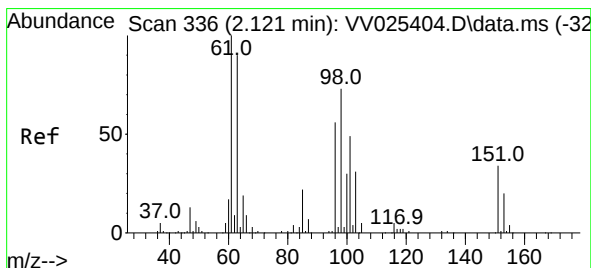
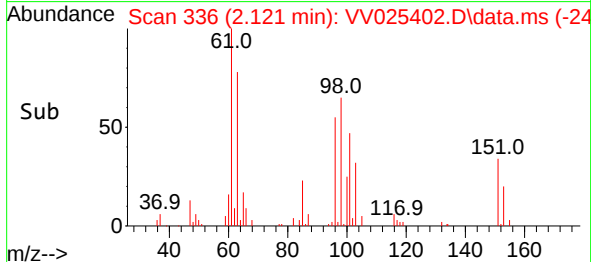
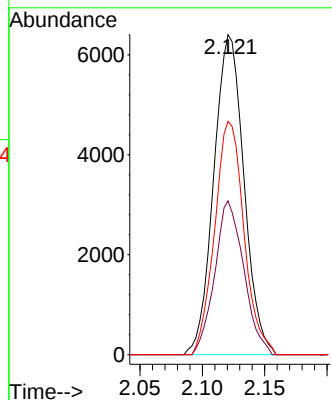
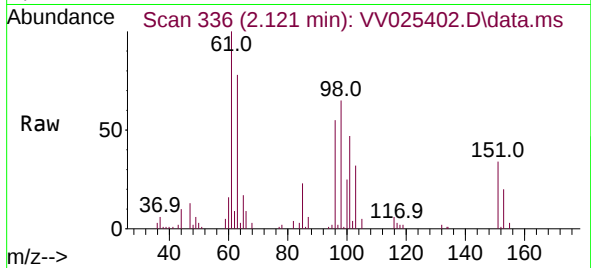




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.449 ug/L
 RT: 2.121 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

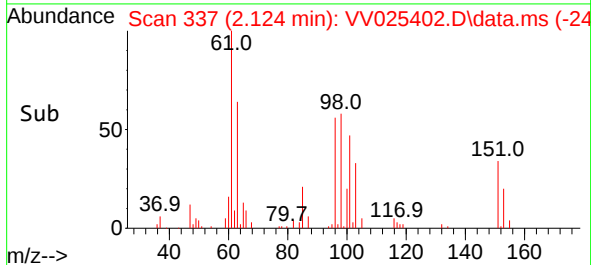
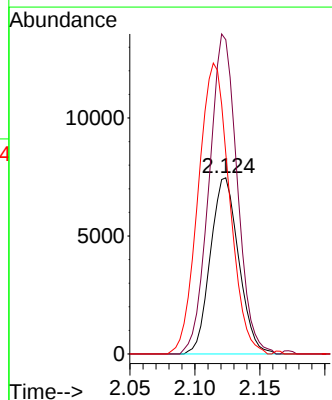
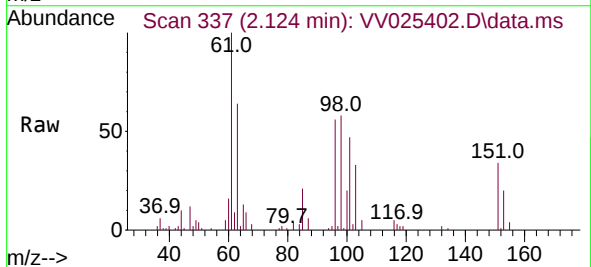
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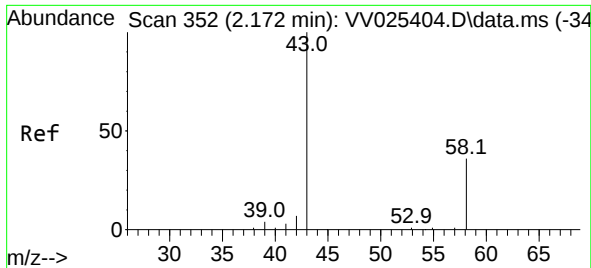
Tgt Ion:101 Resp: 10792
 Ion Ratio Lower Upper
 101 100
 85 46.2 35.9 53.9
 151 70.9 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 0.494 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Tgt Ion: 96 Resp: 11287
 Ion Ratio Lower Upper
 96 100
 61 178.3 125.2 232.4
 63 113.7 114.4 212.4#

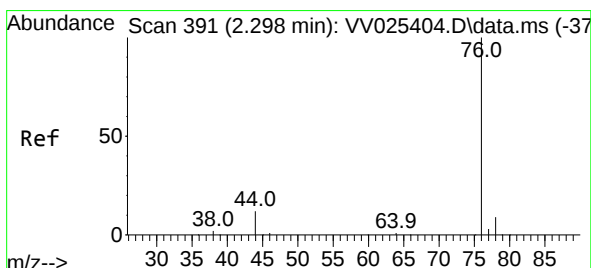
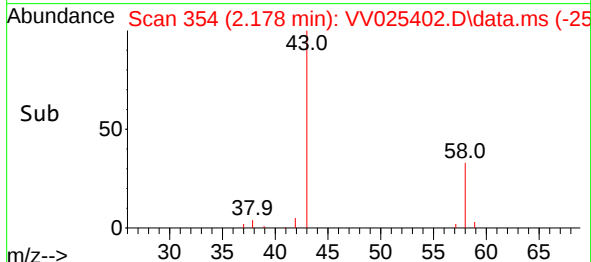
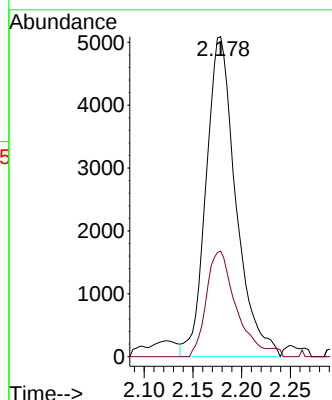
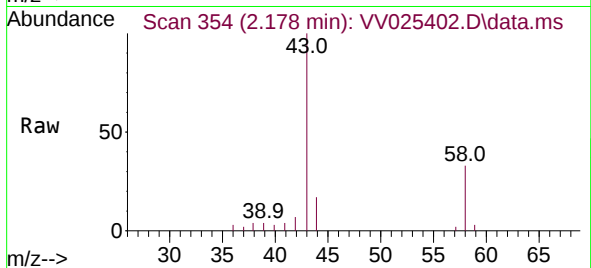




#13
Acetone
Concen: 6.354 ug/L
RT: 2.178 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

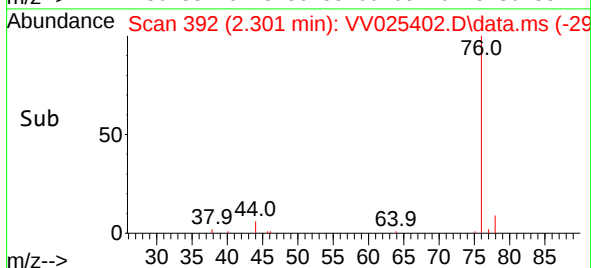
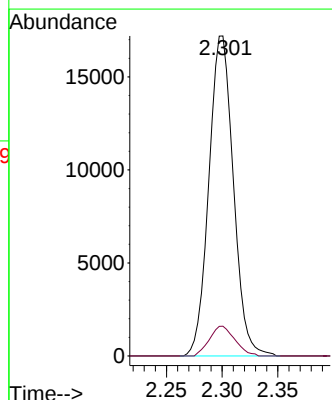
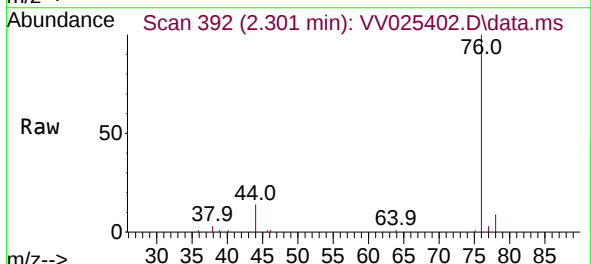
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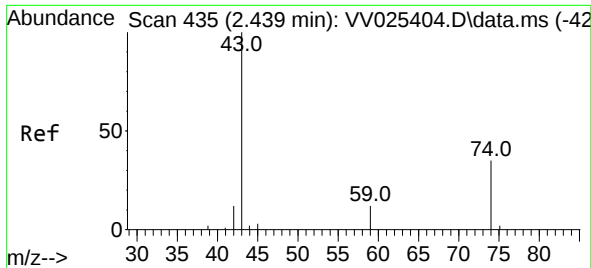
Tgt Ion: 43 Resp: 10824
Ion Ratio Lower Upper
43 100
58 33.4 0.0 72.2



#14
Carbon disulfide
Concen: 0.547 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 76 Resp: 26339
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 0.639 ug/L

RT: 2.449 min Scan# 41

Delta R.T. 0.010 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

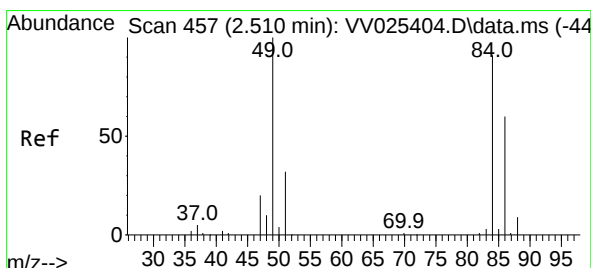
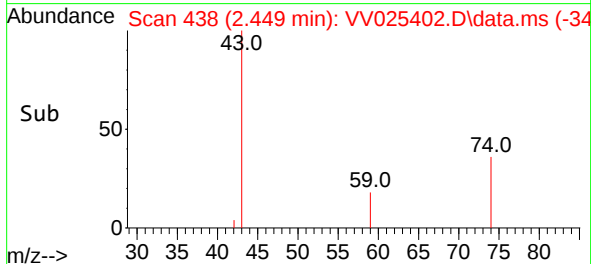
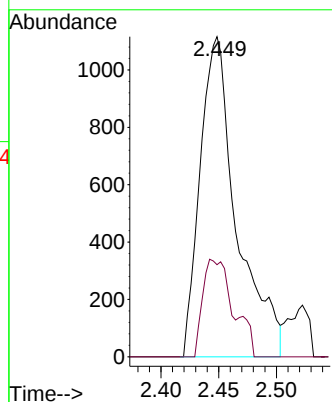
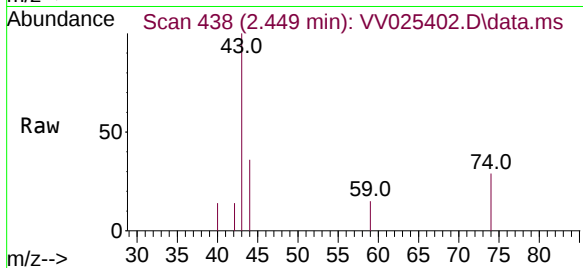
VSTD0.5231

Tgt Ion: 43 Resp: 2453

Ion Ratio Lower Upper

43 100

74 21.4 25.2 37.8#



#16

Methylene chloride

Concen: 0.730 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

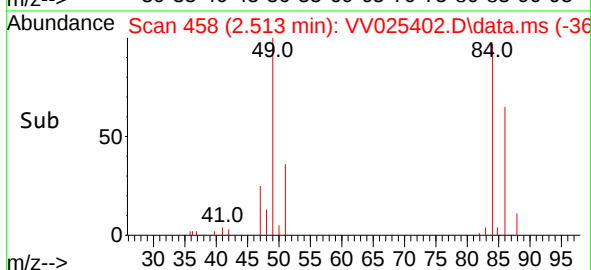
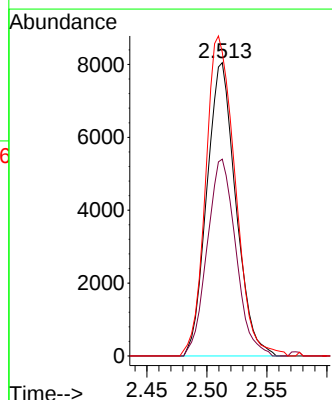
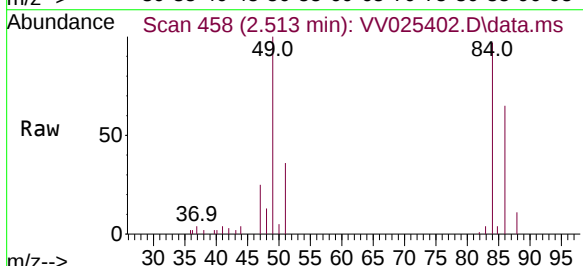
Tgt Ion: 84 Resp: 13503

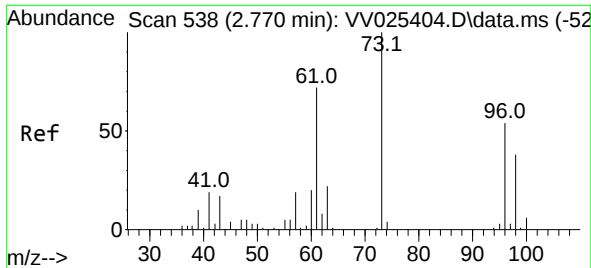
Ion Ratio Lower Upper

84 100

86 67.1 45.9 85.3

49 103.5 76.6 142.3

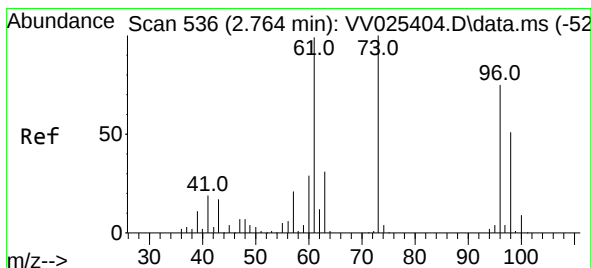
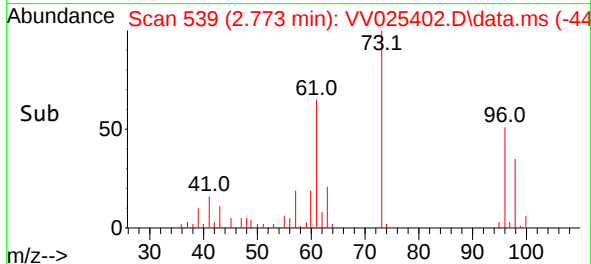
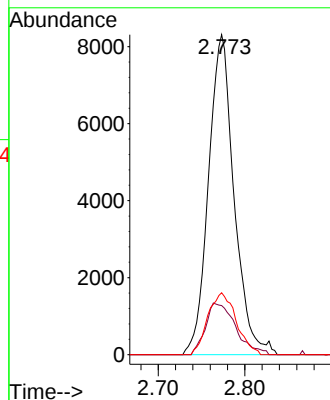
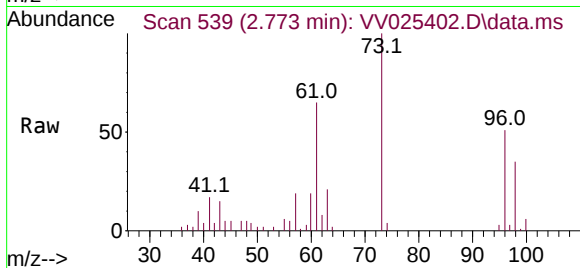




#17
Methyl tert-butyl Ether
Concen: 0.576 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

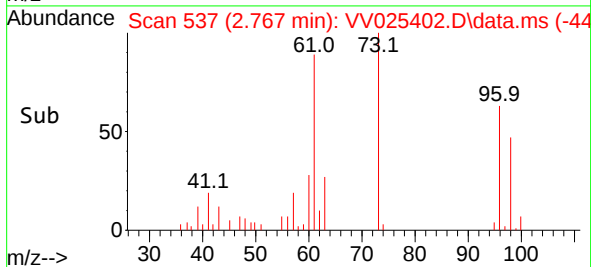
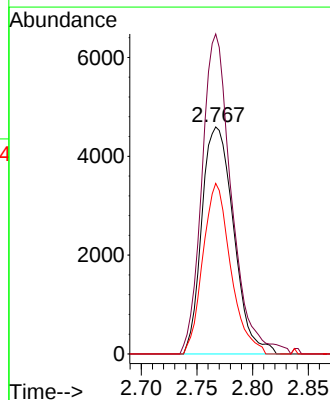
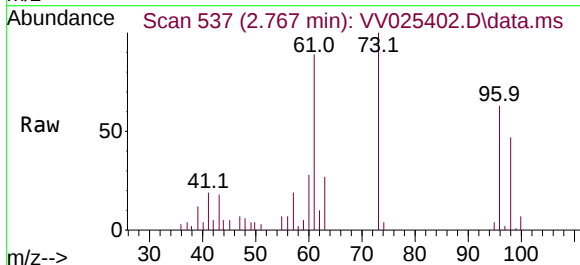
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

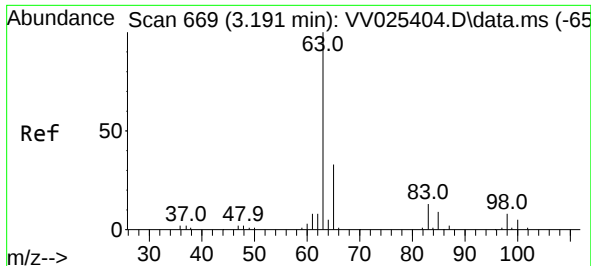
Tgt Ion: 73	Resp: 17062
Ion Ratio	Lower Upper
73 100	
43 19.0	14.2 21.4
57 21.5	16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 0.548 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 96	Resp: 9134
Ion Ratio	Lower Upper
96 100	
61 140.9	92.1 171.1
98 75.1	47.5 88.1





#19

1,1-Dichloroethane

Concen: 0.598 ug/L

RT: 3.194 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5231

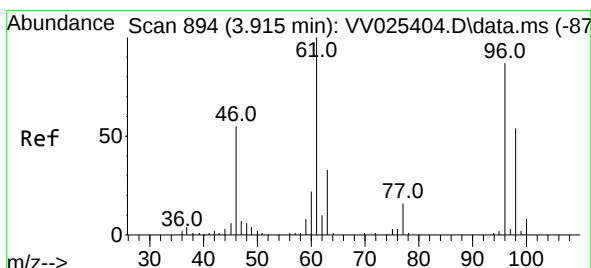
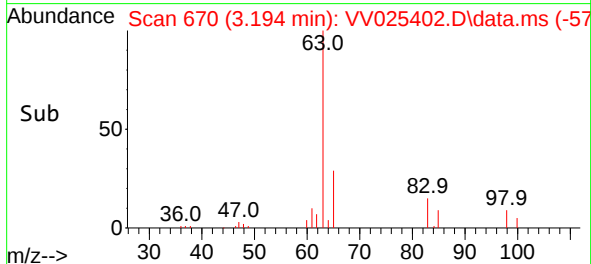
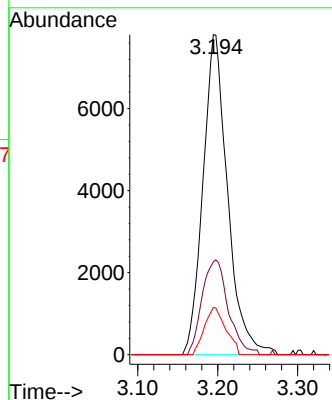
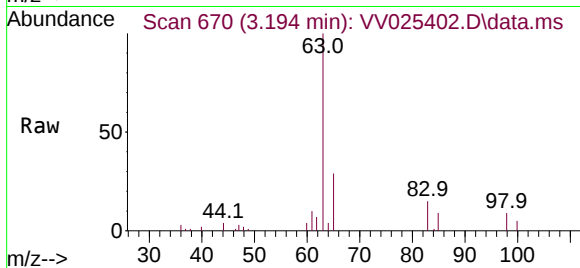
Tgt Ion: 63 Resp: 16721

Ion Ratio Lower Upper

63 100

65 29.0 23.2 43.0

83 14.8 9.0 16.8



#22

cis-1,2-Dichloroethene

Concen: 0.556 ug/L

RT: 3.921 min Scan# 896

Delta R.T. 0.006 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

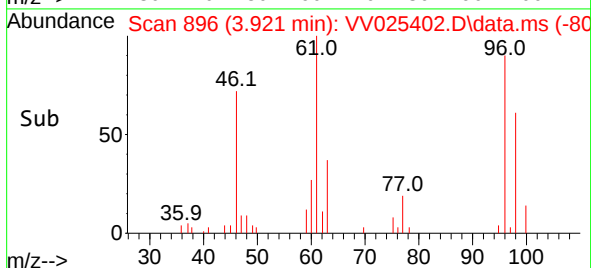
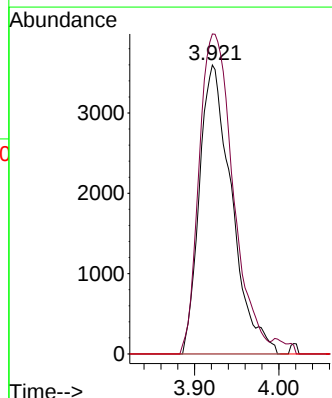
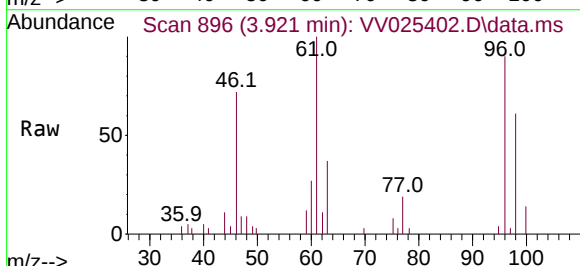
Tgt Ion: 96 Resp: 9587

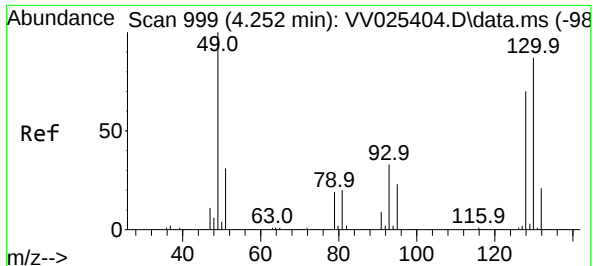
Ion Ratio Lower Upper

96 100

61 110.7 80.0 148.6

68 0.0 0.0 0.0



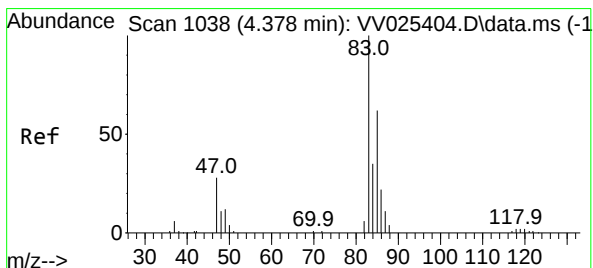
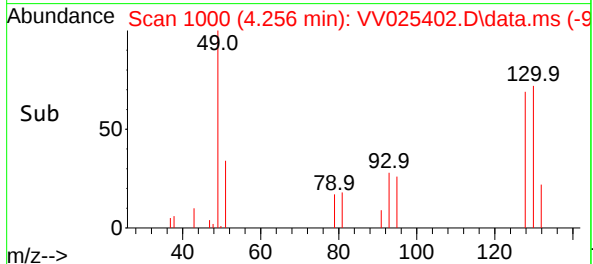
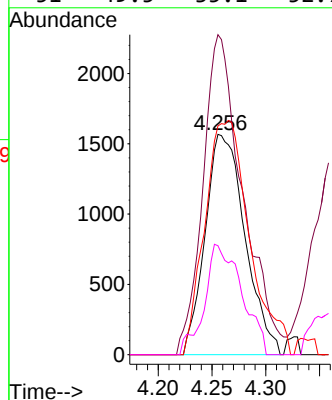
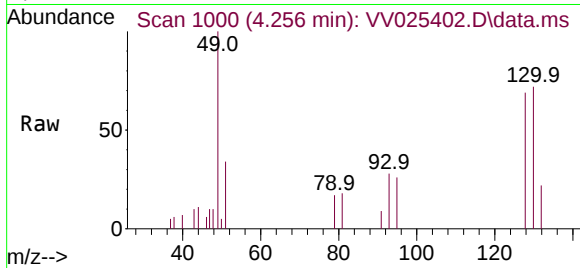


#23
Bromochloromethane
Concen: 0.572 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

Tgt Ion:128 Resp: 4041

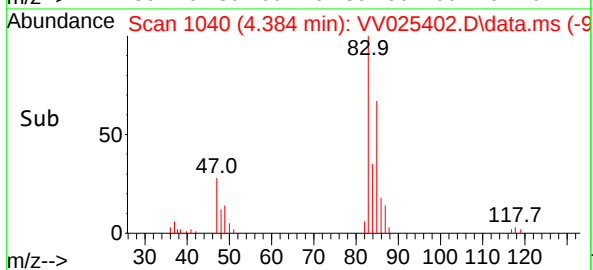
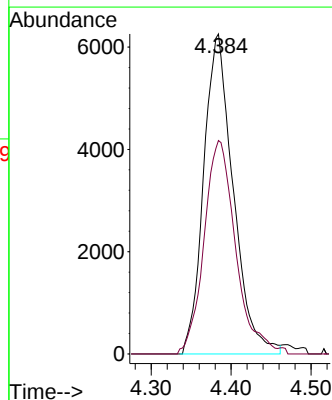
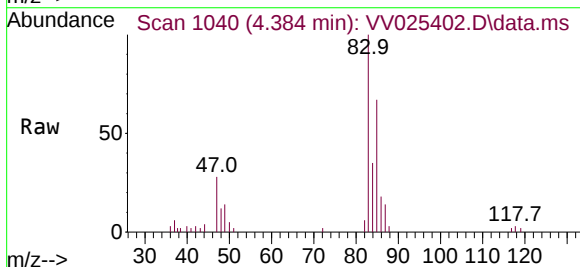
Ion	Ratio	Lower	Upper
128	100		
49	145.2	100.5	186.7
130	103.9	87.8	163.0
51	49.5	35.1	52.7

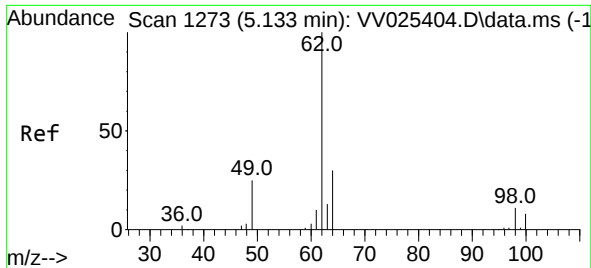


#25
Chloroform
Concen: 0.519 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 83 Resp: 16039

Ion	Ratio	Lower	Upper
83	100		
85	66.7	43.5	80.7

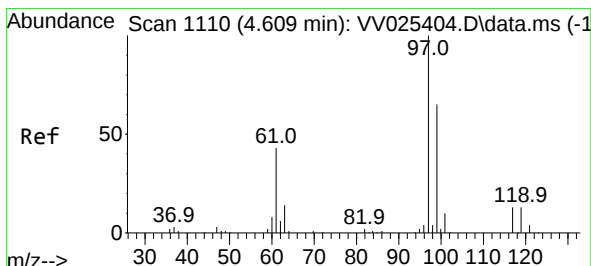
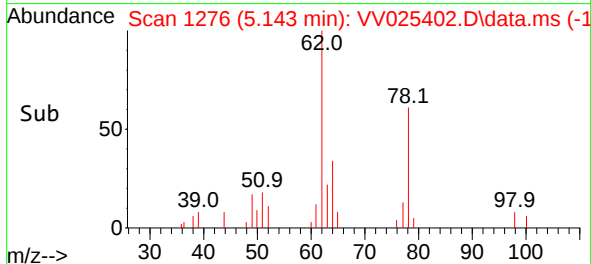
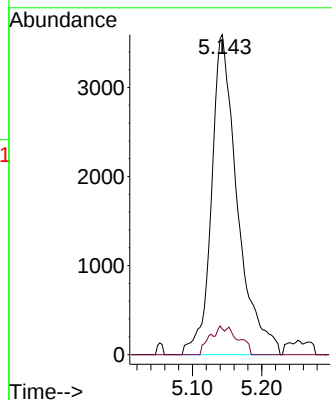
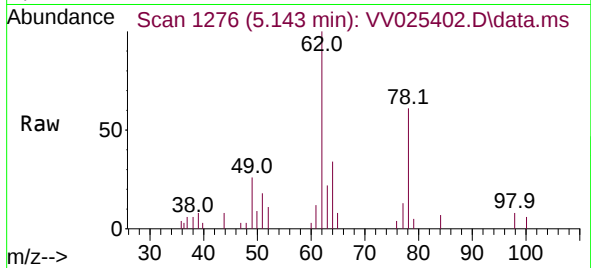




#27
1,2-Dichloroethane
Concen: 0.583 ug/L
RT: 5.143 min Scan# 1111
Delta R.T. 0.009 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

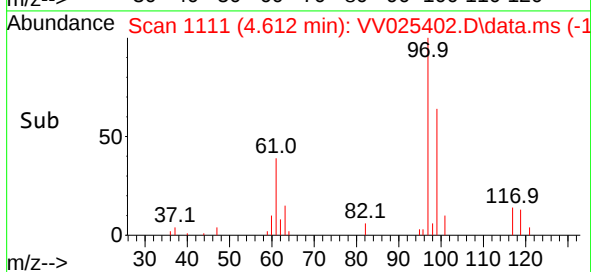
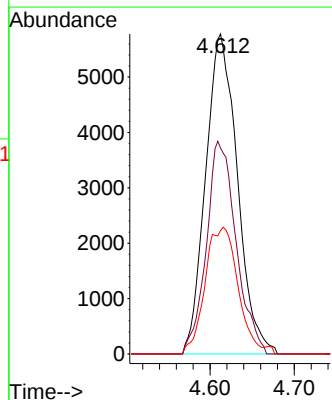
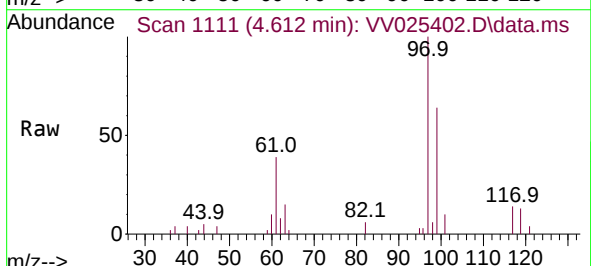
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

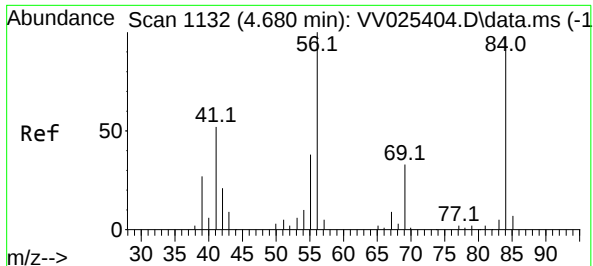
Tgt Ion: 62 Resp: 9328
Ion Ratio Lower Upper
62 100
98 8.1 8.8 13.2#



#29
1,1,1-Trichloroethane
Concen: 0.564 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 97 Resp: 15126
Ion Ratio Lower Upper
97 100
99 62.4 51.5 77.3
61 40.9 34.3 51.5

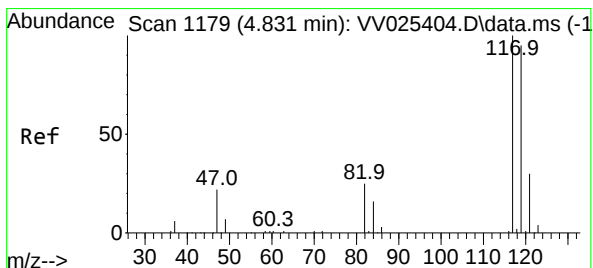
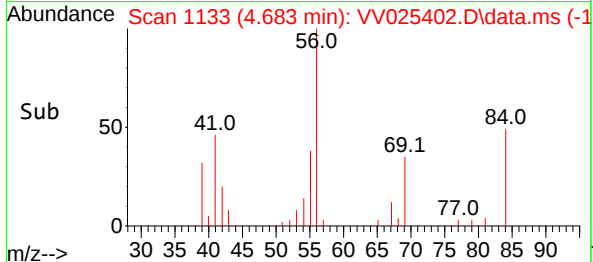
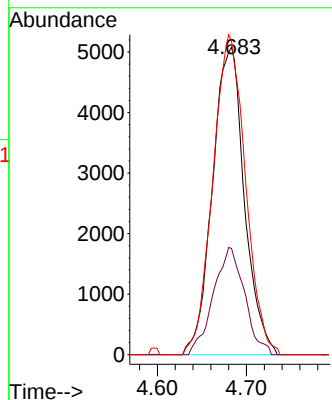
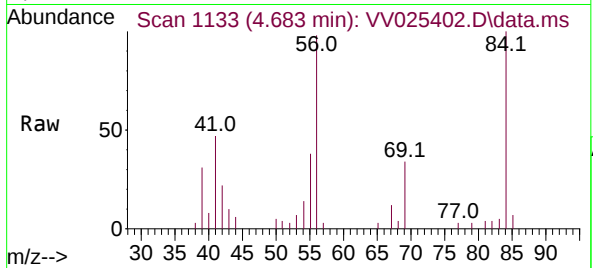




#30
Cyclohexane
Concen: 0.523 ug/L
RT: 4.683 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

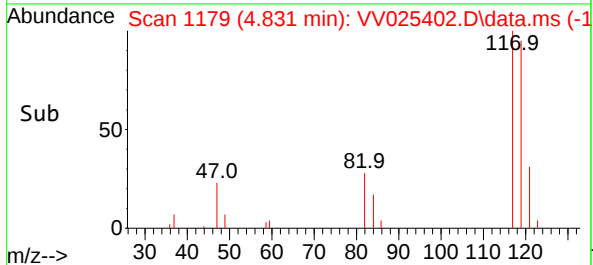
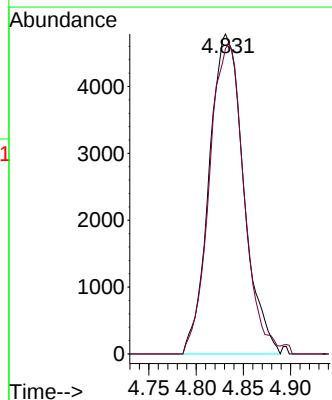
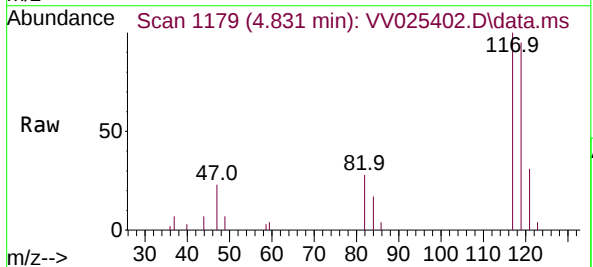
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

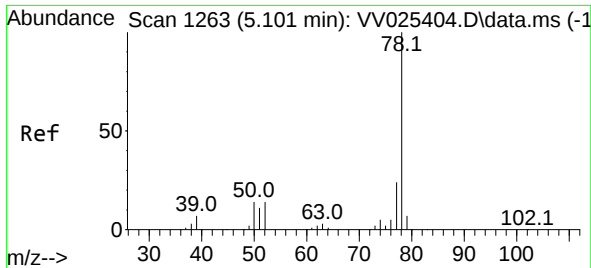
Tgt Ion: 56 Resp: 12626
Ion Ratio Lower Upper
56 100
69 34.1 26.1 39.1
84 106.0 78.6 118.0



#31
Carbon tetrachloride
Concen: 0.524 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 117 Resp: 12123
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8

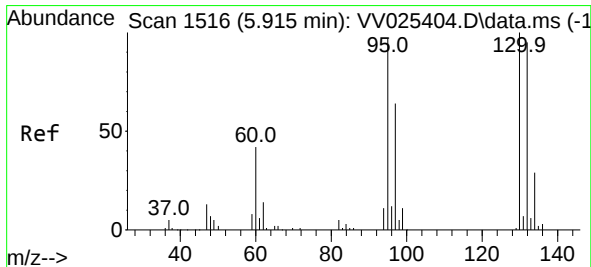
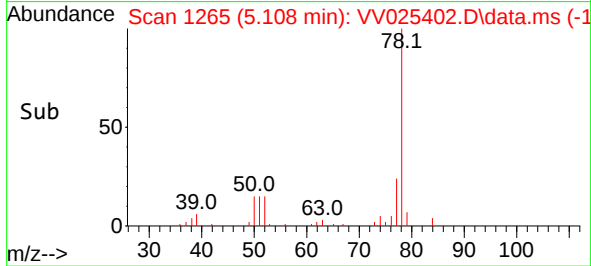
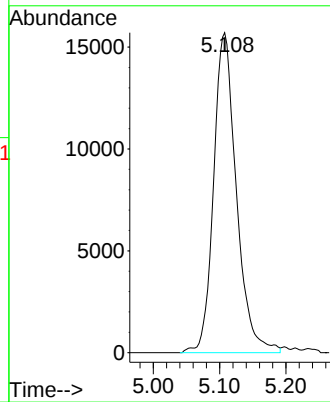
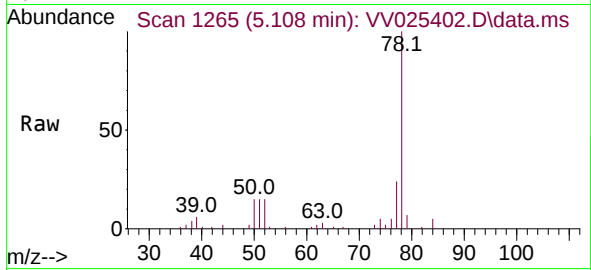




#33
Benzene
Concen: 0.572 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

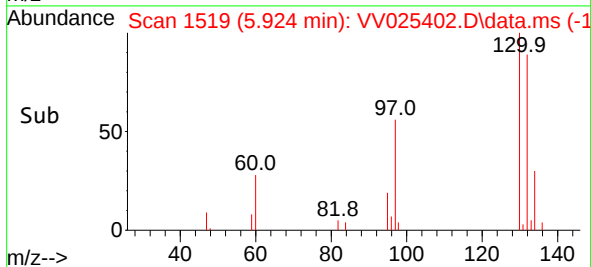
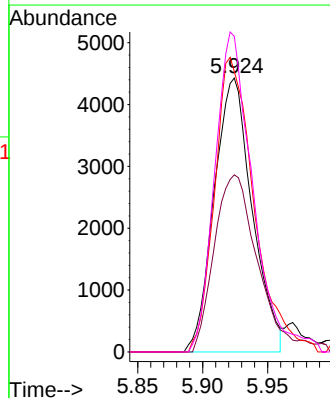
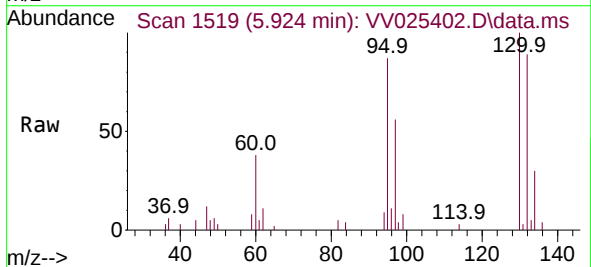
Tgt Ion: 78 Resp: 37525

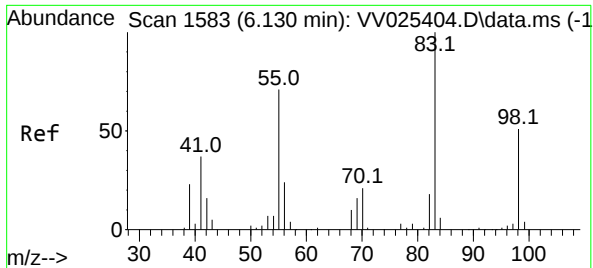


#34
Trichloroethene
Concen: 0.499 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.009 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 95 Resp: 9024

Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.8	85.2
132	102.5	68.0	126.4
130	115.3	71.9	133.5





#35

Methylcyclohexane

Concen: 0.525 ug/L

RT: 6.133 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5231

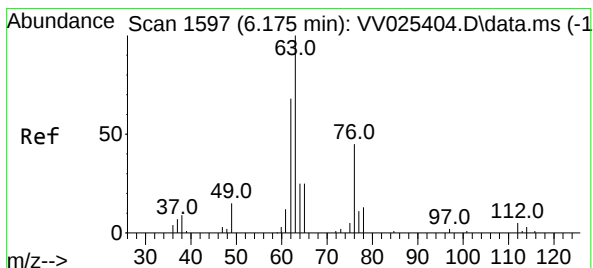
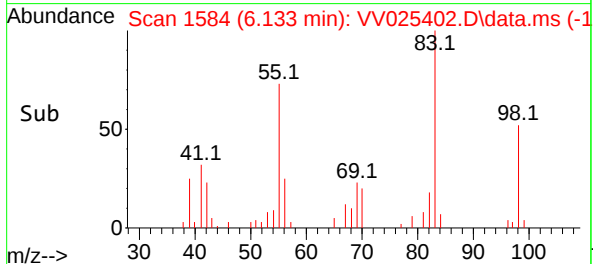
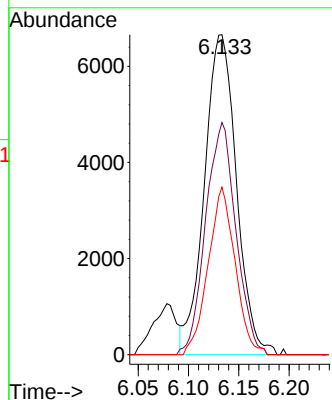
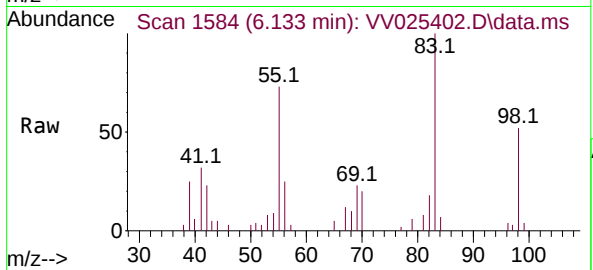
Tgt Ion: 83 Resp: 14777

Ion Ratio Lower Upper

83 100

55 68.6 53.7 80.5

98 44.1 39.6 59.4



#37

1,2-Dichloropropane

Concen: 0.595 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV025402.D

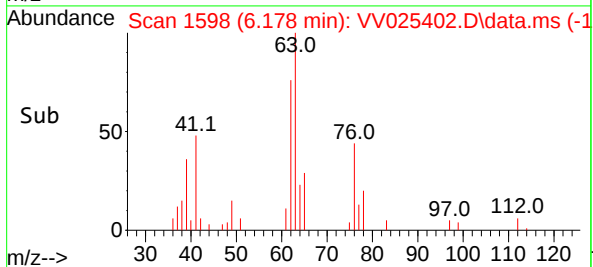
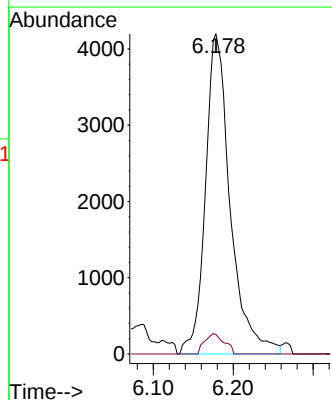
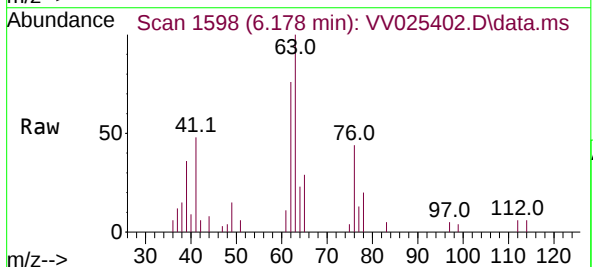
Acq: 08 Apr 2022 11:21

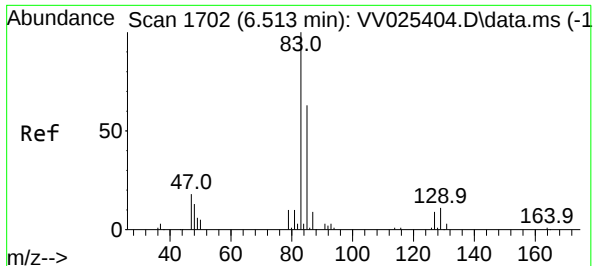
Tgt Ion: 63 Resp: 9061

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8

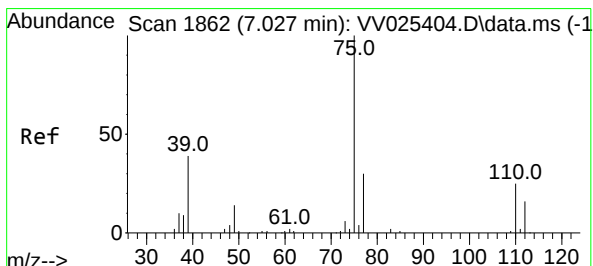
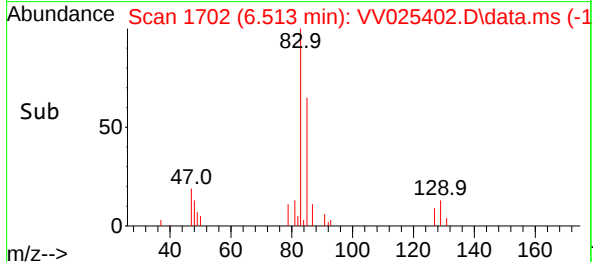
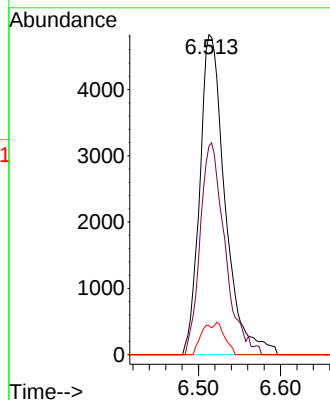
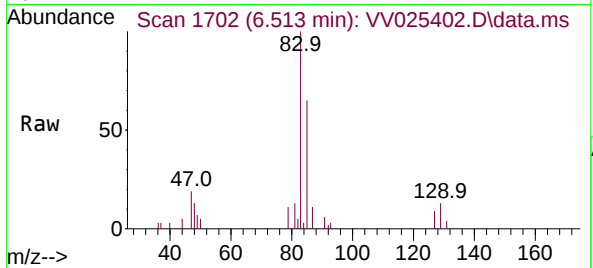




#38
Bromodichloromethane
Concen: 0.536 ug/L
RT: 6.513 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

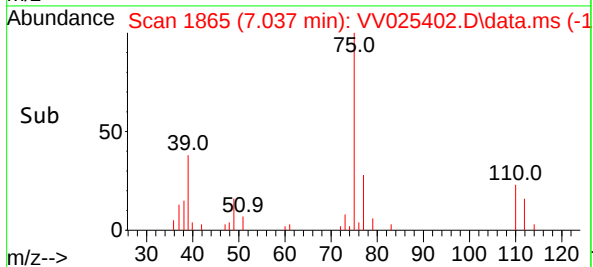
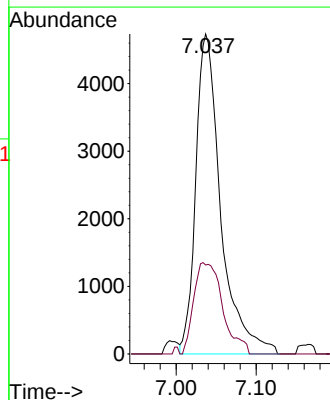
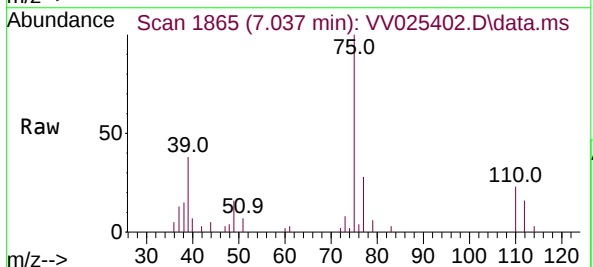
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

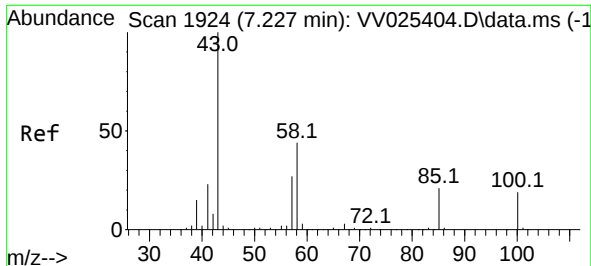
Tgt Ion: 83	Resp:	10330
Ion Ratio	Lower	Upper
83	100	
85	65.3	44.4 82.4
127	9.0	7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 0.523 ug/L
RT: 7.037 min Scan# 1865
Delta R.T. 0.010 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 75	Resp:	10303
Ion Ratio	Lower	Upper
75	100	
77	27.8	21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 5.178 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5231

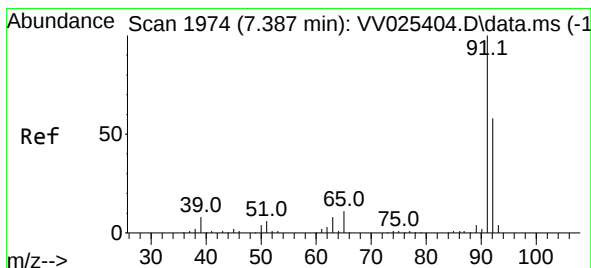
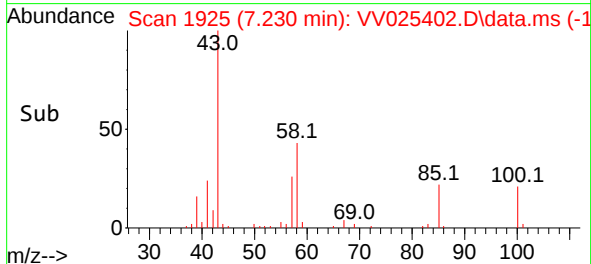
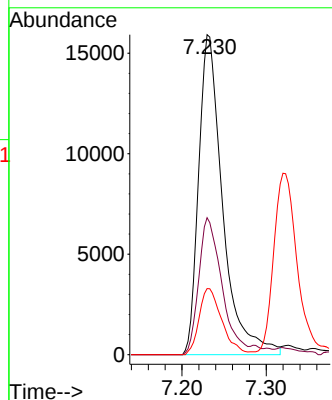
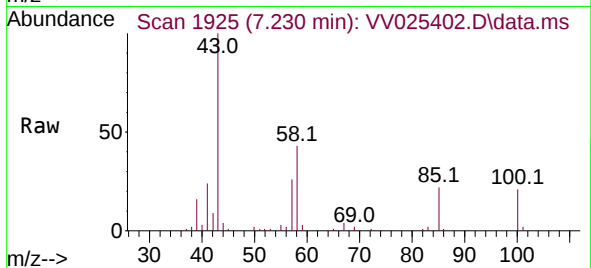
Tgt Ion: 43 Resp: 31636

Ion Ratio Lower Upper

43 100

58 40.8 35.1 52.7

100 19.7 15.3 22.9



#42

Toluene

Concen: 0.550 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VV025402.D

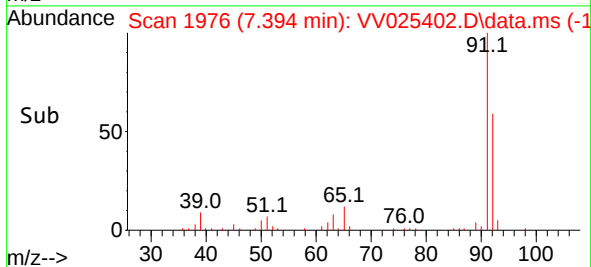
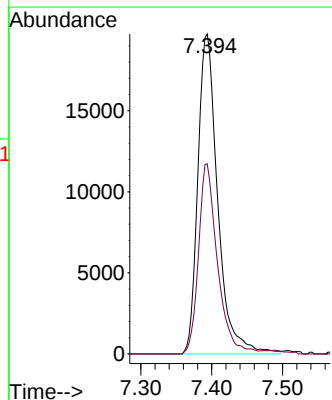
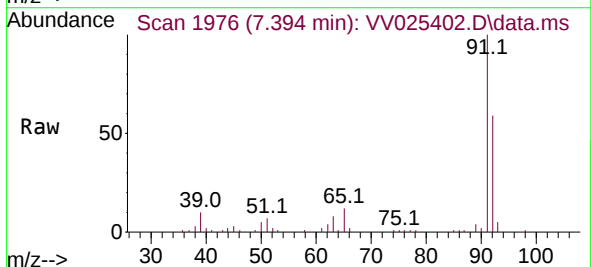
Acq: 08 Apr 2022 11:21

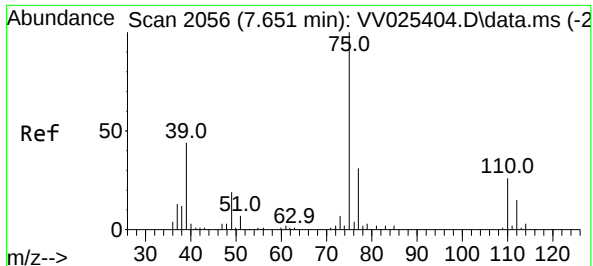
Tgt Ion: 91 Resp: 38433

Ion Ratio Lower Upper

91 100

92 59.5 40.8 75.8

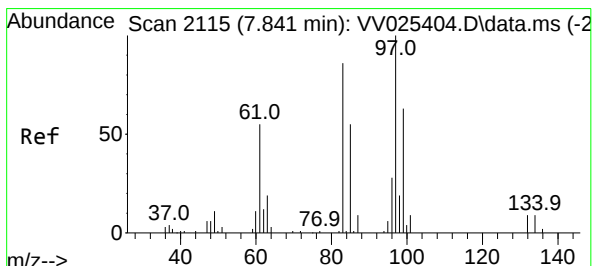
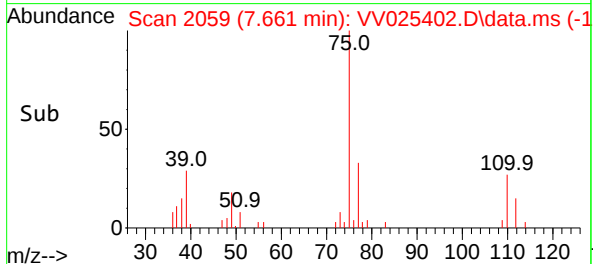
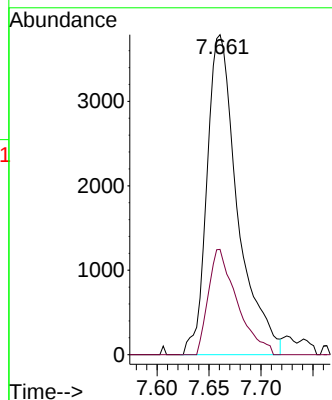
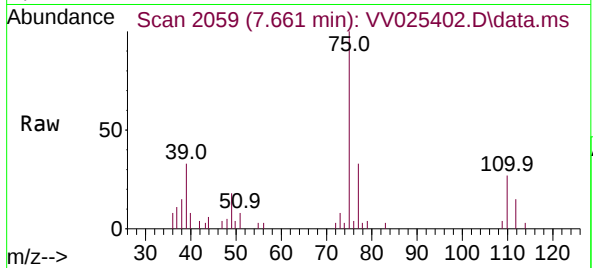




#44
trans-1,3-Dichloropropene
Concen: 0.501 ug/L
RT: 7.661 min Scan# 2056
Delta R.T. 0.009 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

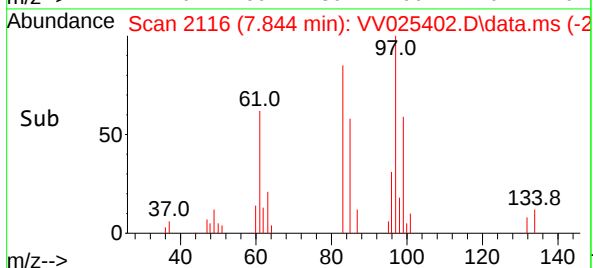
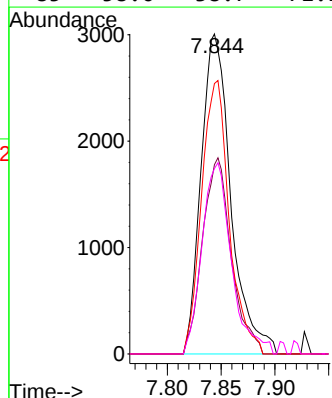
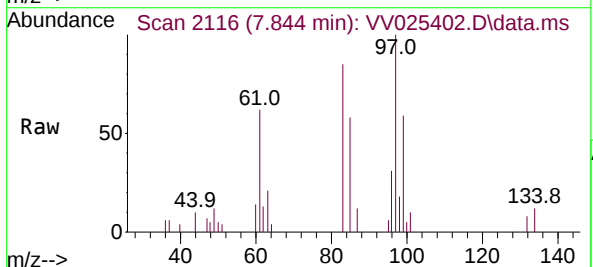
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

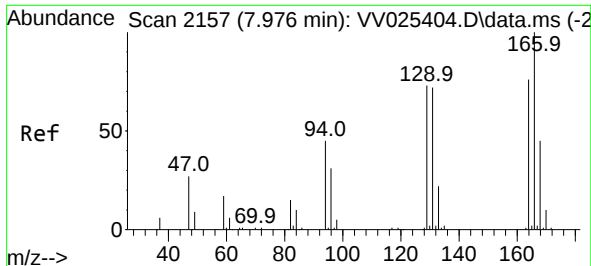
Tgt Ion: 75 Resp: 7773
Ion Ratio Lower Upper
75 100
77 32.9 21.7 40.3



#45
1,1,2-Trichloroethane
Concen: 0.560 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 97 Resp: 5812
Ion Ratio Lower Upper
97 100
99 59.2 43.8 81.4
83 84.5 60.3 112.1
85 58.0 38.7 71.9





#47

Tetrachloroethene

Concen: 0.563 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV025402.D

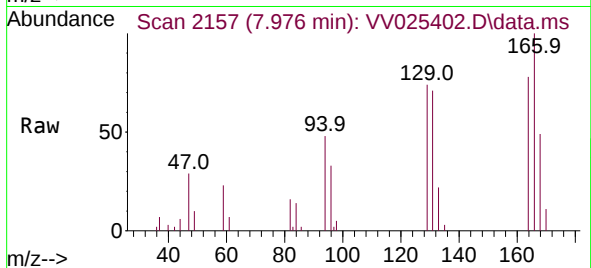
Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5231



Tgt Ion:164 Resp: 7458

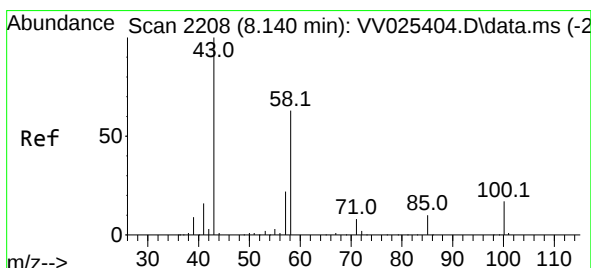
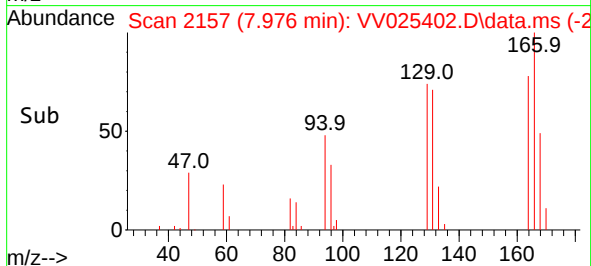
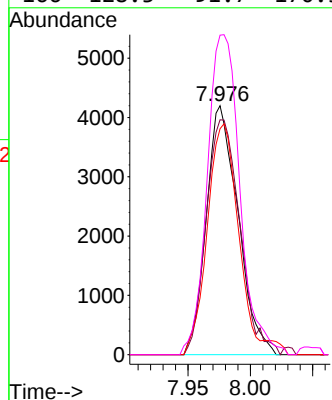
Ion Ratio Lower Upper

164 100

129 94.3 66.8 124.2

131 90.7 66.4 123.4

166 128.3 91.7 170.3



#48

2-Hexanone

Concen: 4.921 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Tgt Ion: 43 Resp: 21352

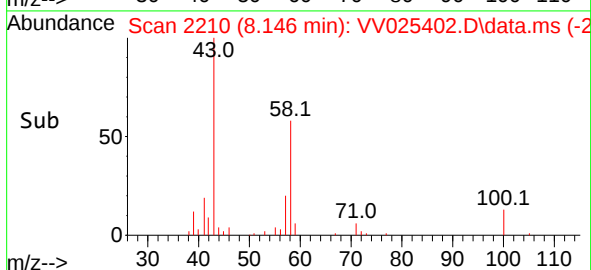
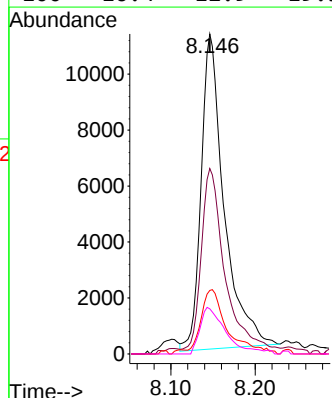
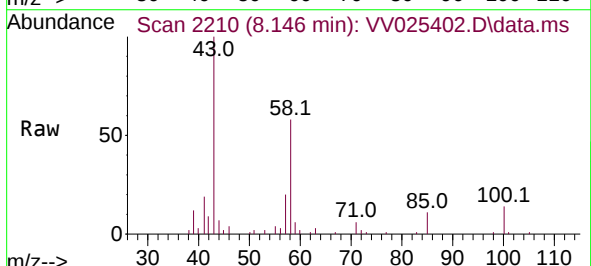
Ion Ratio Lower Upper

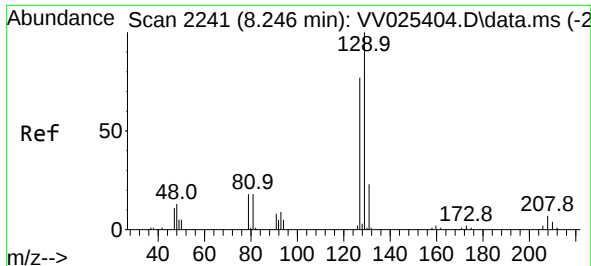
43 100

58 62.6 49.7 74.5

57 23.3 16.4 24.6

100 16.4 12.9 19.3





#49

Dibromochloromethane

Concen: 0.521 ug/L

RT: 8.249 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

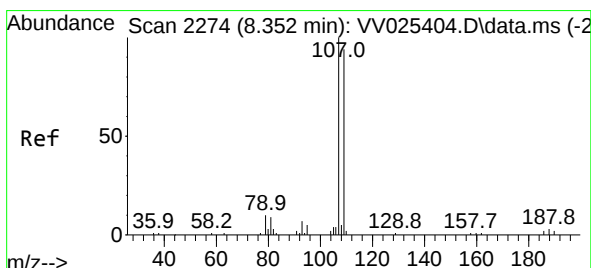
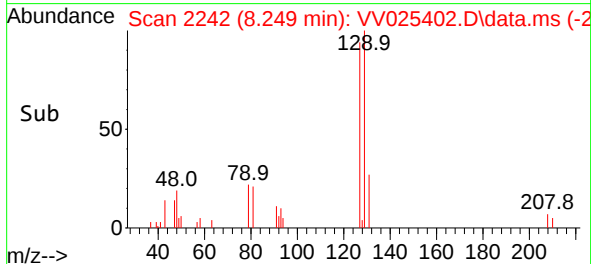
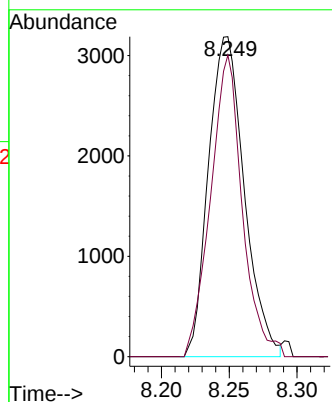
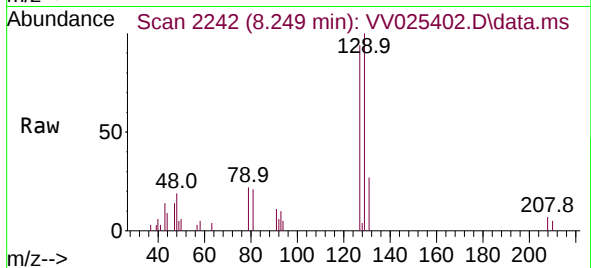
VSTD0.5231

Tgt Ion:129 Resp: 5850

Ion Ratio Lower Upper

129 100

127 94.2 53.8 100.0



#50

1,2-Dibromoethane

Concen: 0.568 ug/L

RT: 8.355 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

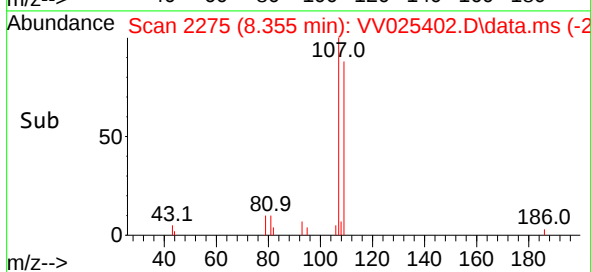
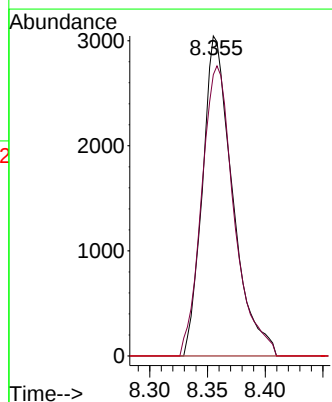
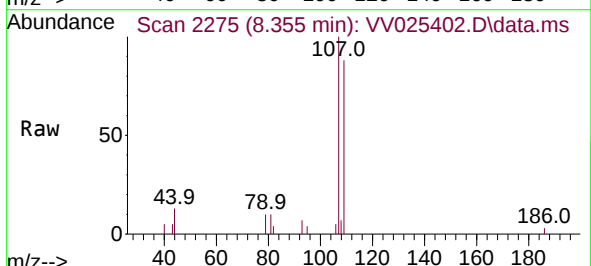
Tgt Ion:107 Resp: 5522

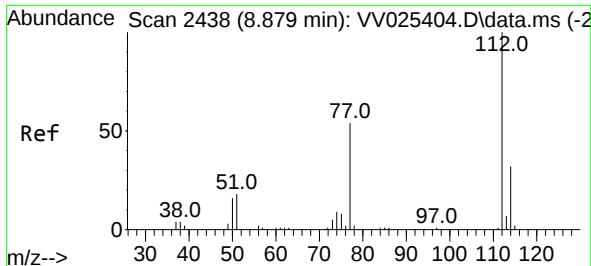
Ion Ratio Lower Upper

107 100

109 87.9 65.9 122.3

188 0.0 2.7 4.1#

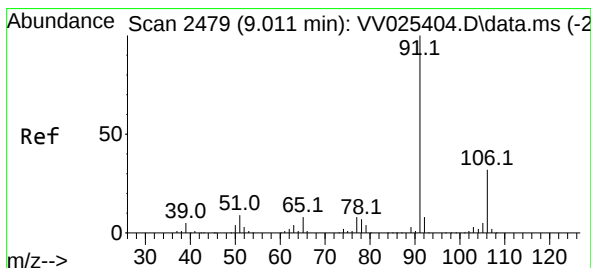
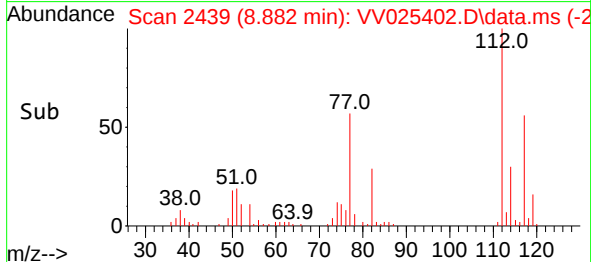
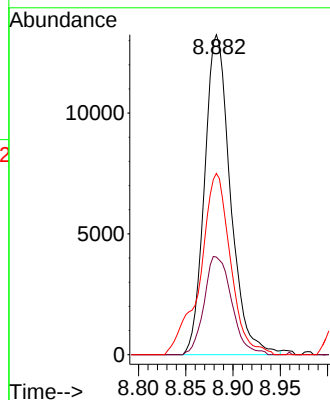
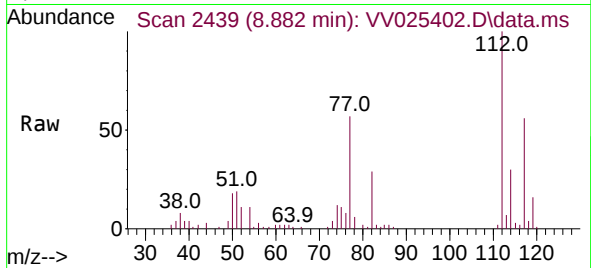




#51
Chlorobenzene
Concen: 0.557 ug/L
RT: 8.882 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

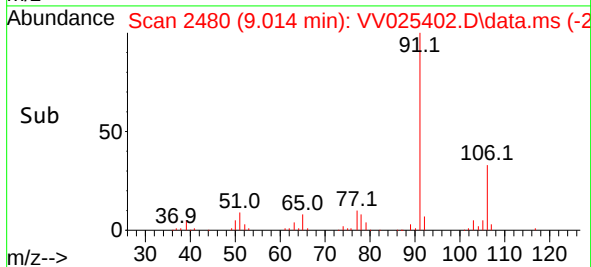
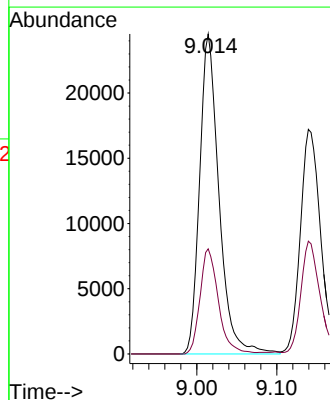
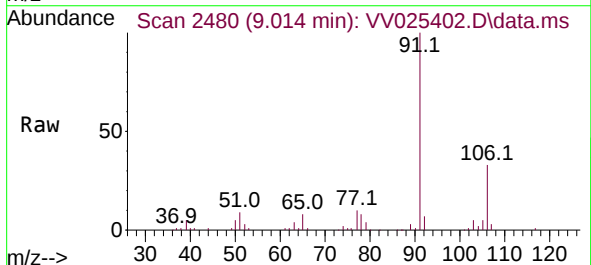
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

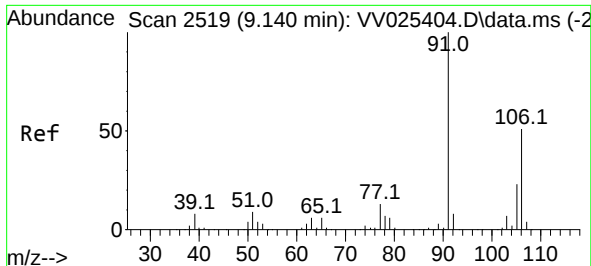
Tgt Ion:112 Resp: 25214
Ion Ratio Lower Upper
112 100
114 30.5 22.4 41.6
77 56.7 43.7 65.5



#52
Ethylbenzene
Concen: 0.559 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 91 Resp: 41394
Ion Ratio Lower Upper
91 100
106 32.8 22.3 41.3

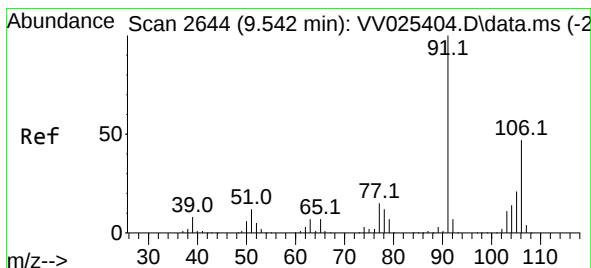
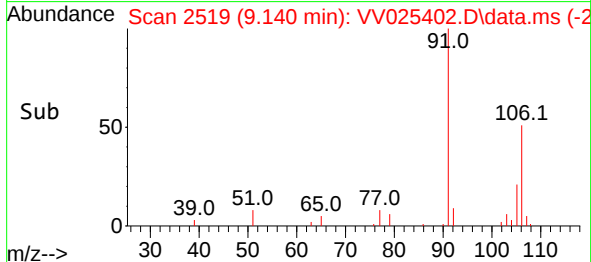
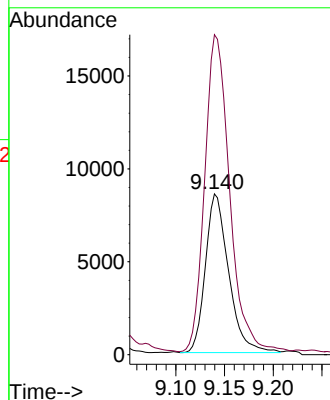
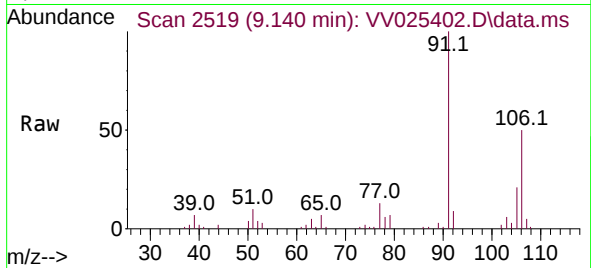




#53
m,p-Xylene
Concen: 0.492 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

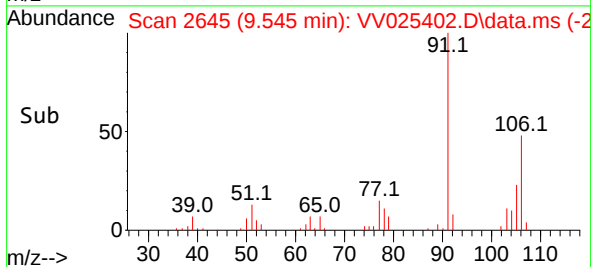
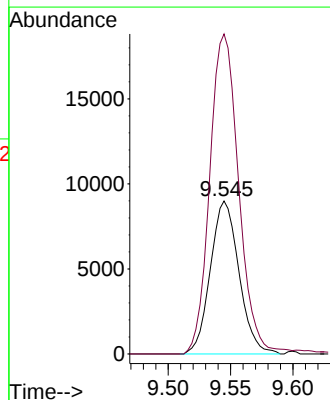
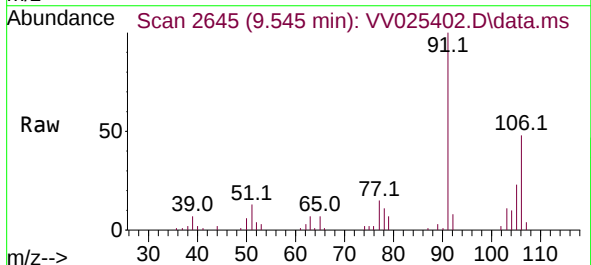
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

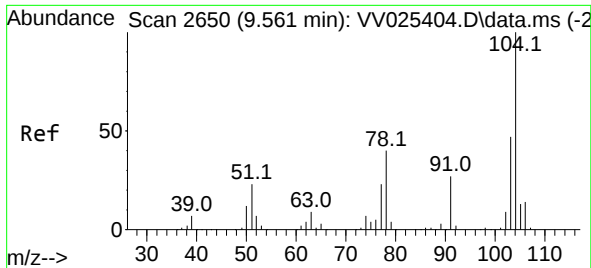
Tgt Ion:106 Resp: 14194
Ion Ratio Lower Upper
106 100
91 199.1 136.4 253.4



#54
o-Xylene
Concen: 0.523 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion:106 Resp: 14369
Ion Ratio Lower Upper
106 100
91 209.2 150.4 279.2

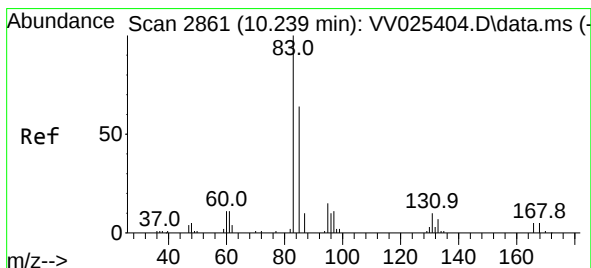
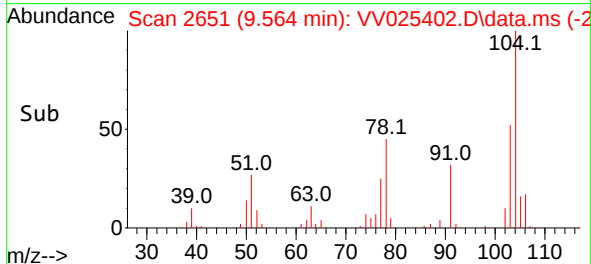
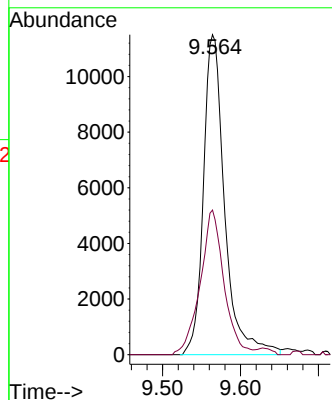
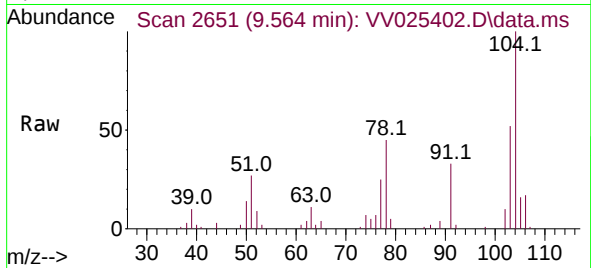




#55
Styrene
Concen: 0.482 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

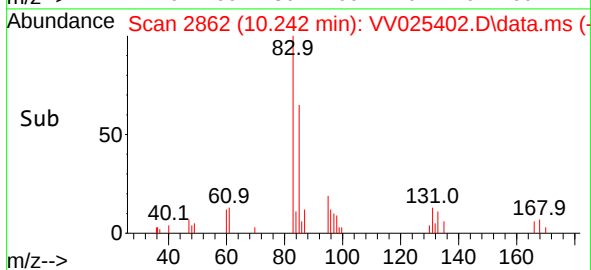
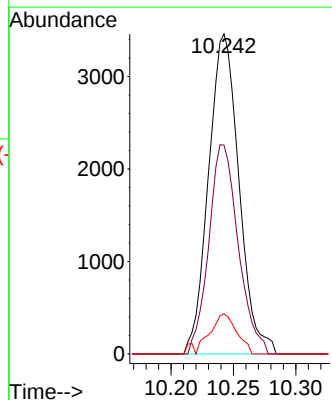
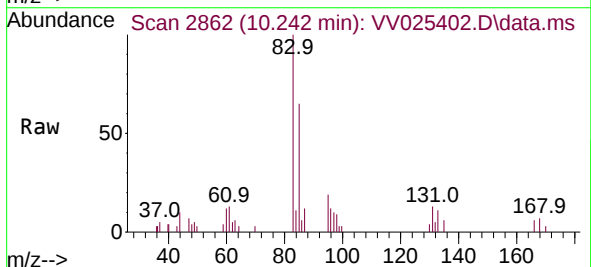
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

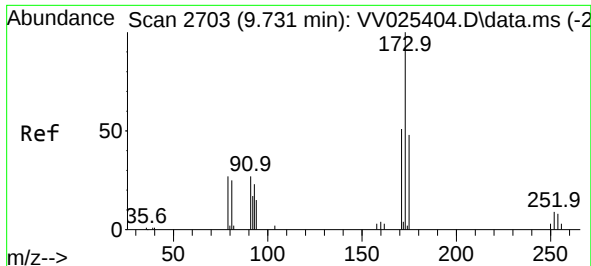
Tgt Ion:104 Resp: 21763
Ion Ratio Lower Upper
104 100
78 45.2 28.3 52.7



#57
1,1,2,2-Tetrachloroethane
Concen: 0.548 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 83 Resp: 5889
Ion Ratio Lower Upper
83 100
85 65.2 45.1 83.9
131 12.5 7.9 11.9#

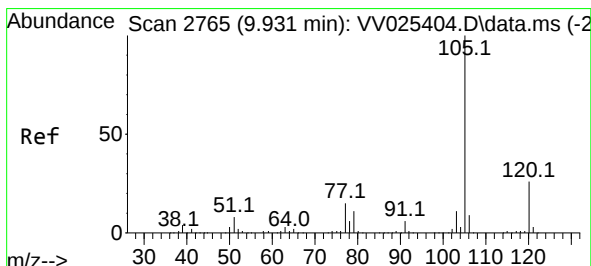
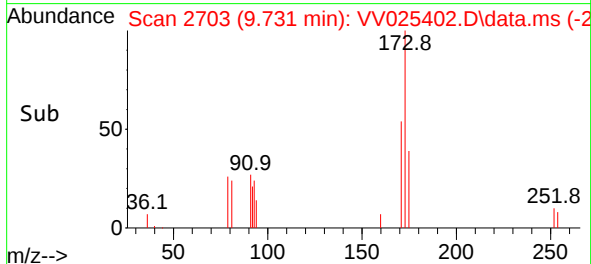
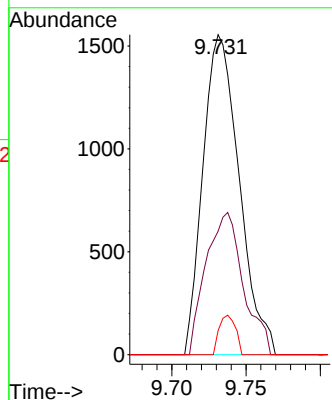
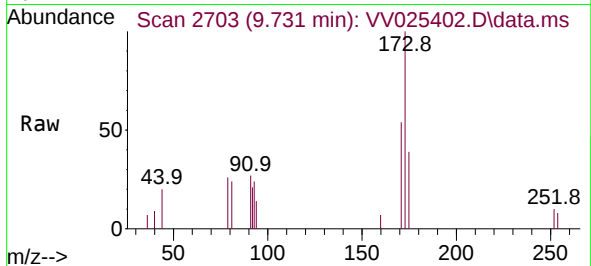




#59
Bromoform
Concen: 0.552 ug/L
RT: 9.731 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

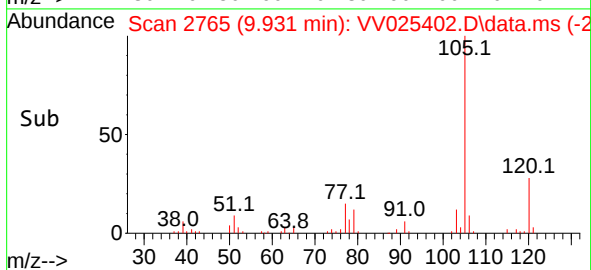
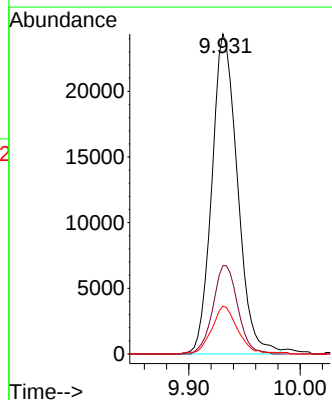
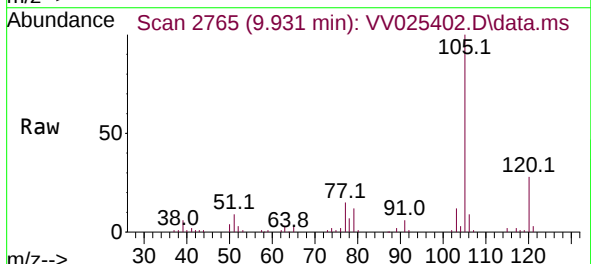
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

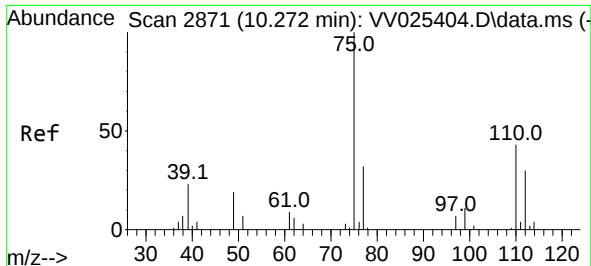
Tgt Ion:173 Resp: 2639
Ion Ratio Lower Upper
173 100
175 45.9 40.8 61.2
254 5.6 7.0 10.6#



#60
Isopropylbenzene
Concen: 0.508 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion:105 Resp: 38926
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.4 12.2 18.2

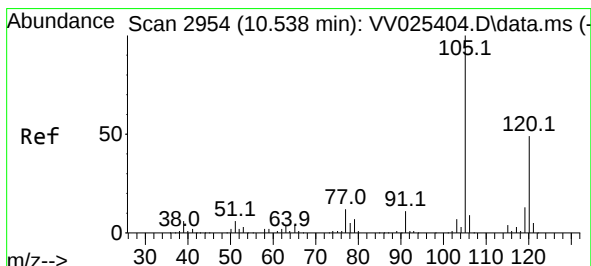
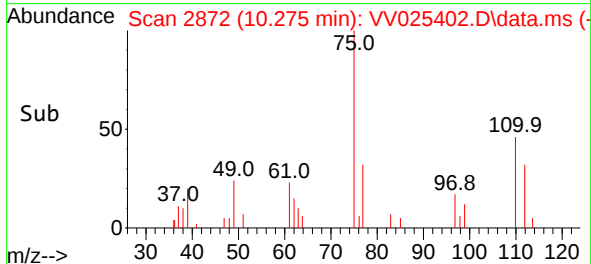
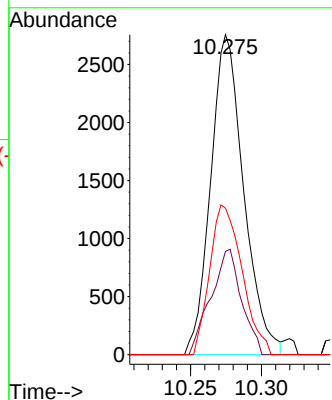
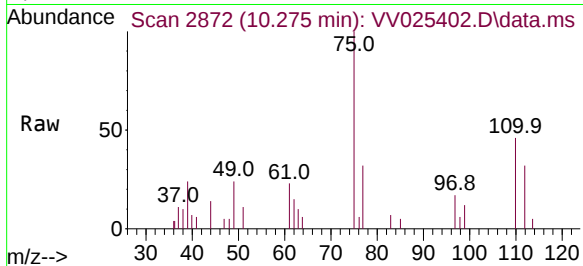




#61
1,2,3-Trichloropropane
Concen: 0.514 ug/L
RT: 10.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

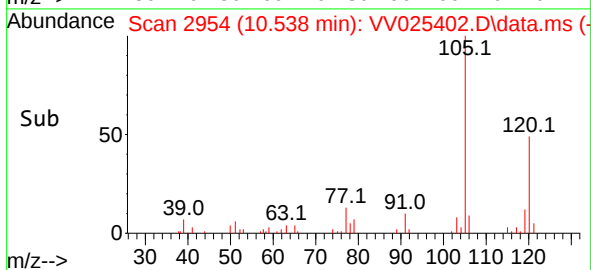
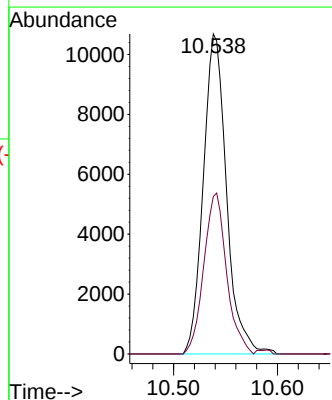
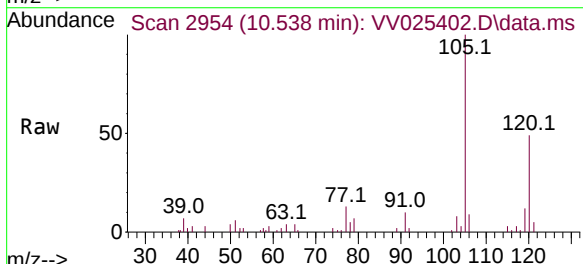
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

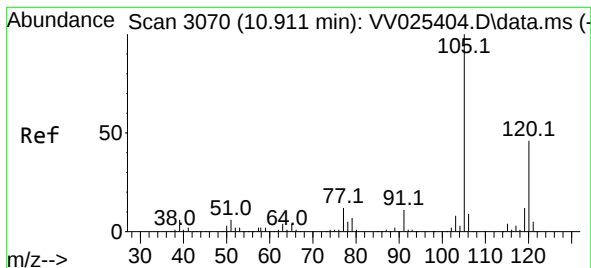
Tgt Ion: 75 Resp: 4475
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
110 45.8 34.7 52.1



#62
1,3,5-Trimethylbenzene
Concen: 0.479 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

Tgt Ion: 105 Resp: 16562
Ion Ratio Lower Upper
105 100
120 49.4 39.6 59.4





#63

1,2,4-Trimethylbenzene

Concen: 0.477 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

Instrument :

MSVOA_V

ClientSampleId :

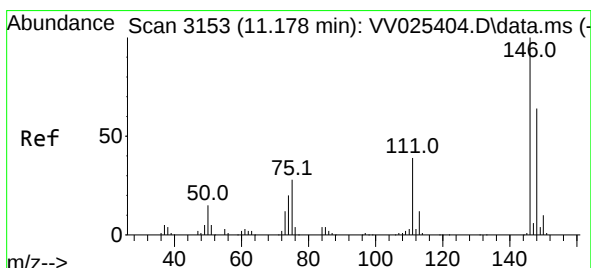
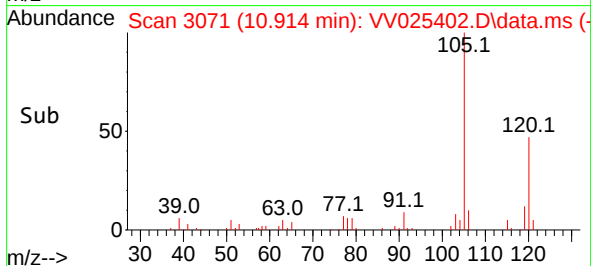
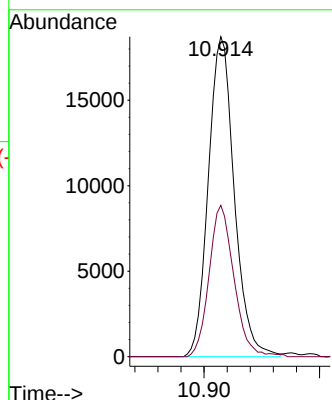
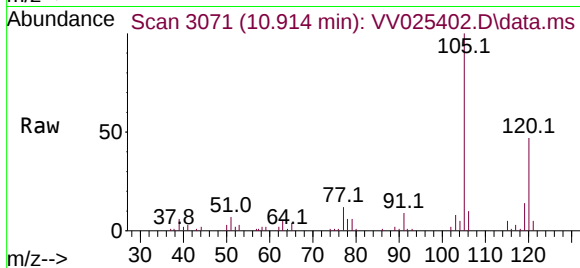
VSTD0.5231

Tgt Ion:105 Resp: 29193

Ion Ratio Lower Upper

105 100

120 45.3 36.6 55.0



#64

1,3-Dichlorobenzene

Concen: 0.527 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.006 min

Lab File: VV025402.D

Acq: 08 Apr 2022 11:21

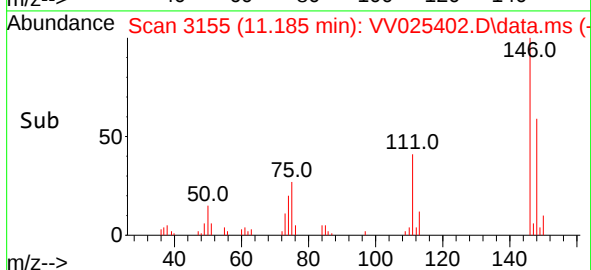
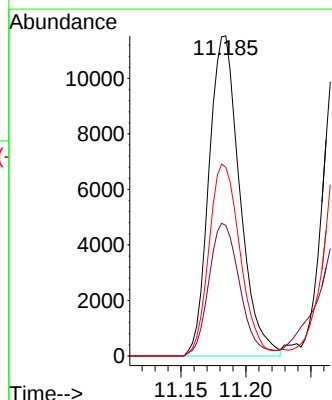
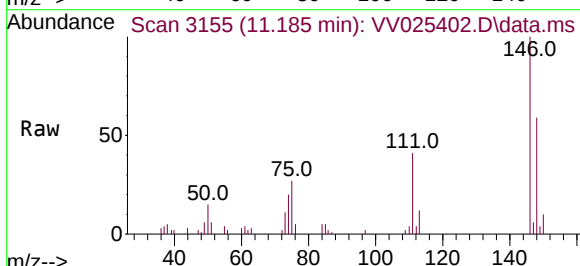
Tgt Ion:146 Resp: 18972

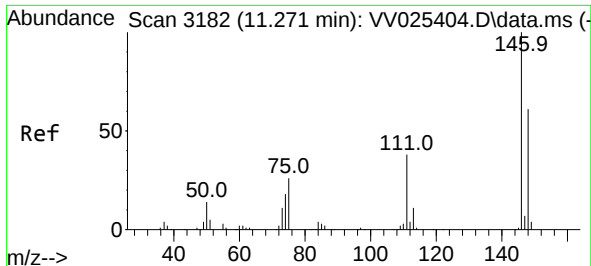
Ion Ratio Lower Upper

146 100

111 40.8 27.4 50.8

148 59.0 44.7 82.9

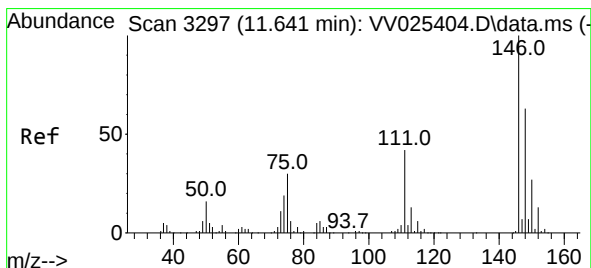
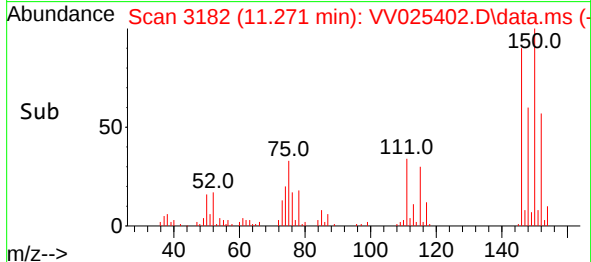
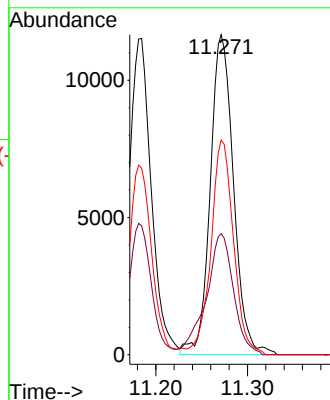
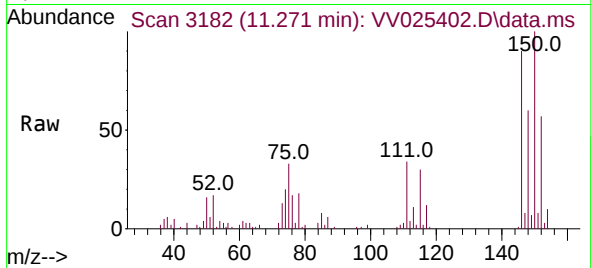




#65
 1,4-Dichlorobenzene
 Concen: 0.568 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

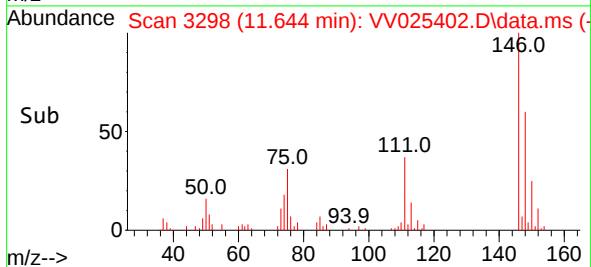
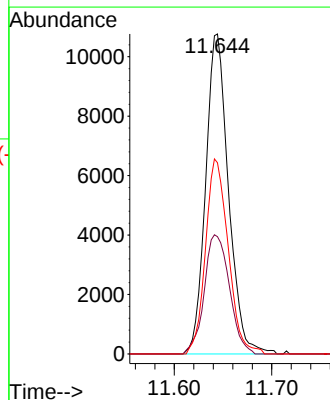
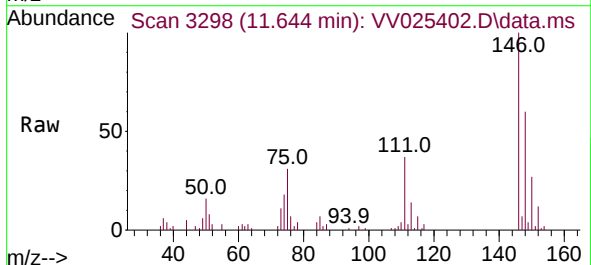
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5231

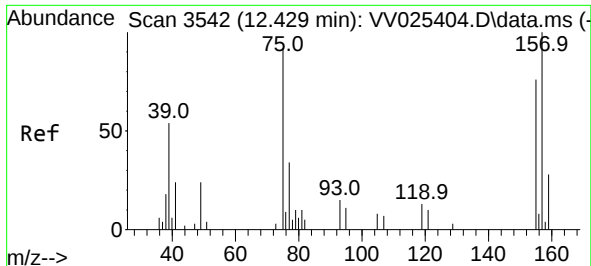
Tgt Ion:146	Resp:	20587
Ion Ratio	Lower	Upper
146	100	
111	37.8	26.7 49.7
148	67.1	42.8 79.6



#67
 1,2-Dichlorobenzene
 Concen: 0.555 ug/L
 RT: 11.644 min Scan# 3298
 Delta R.T. 0.003 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Tgt Ion:146	Resp:	17539
Ion Ratio	Lower	Upper
146	100	
111	36.7	33.6 50.4
148	59.7	50.0 75.0

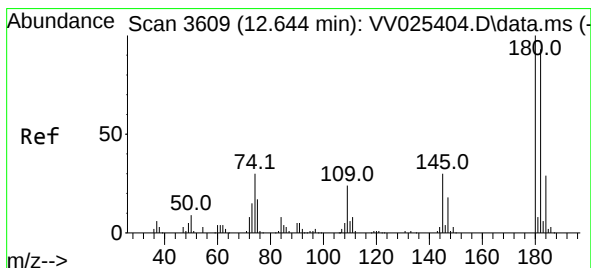
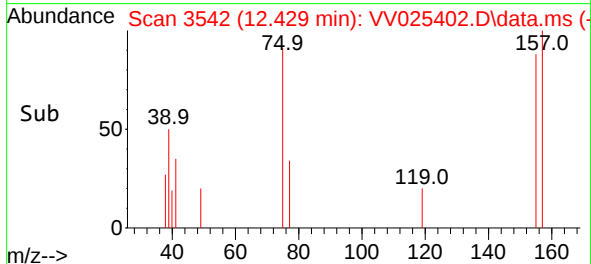
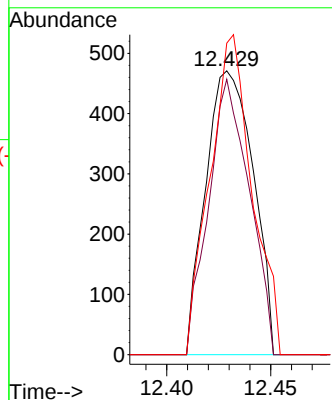
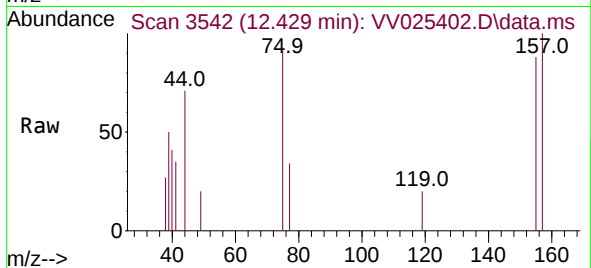




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.480 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

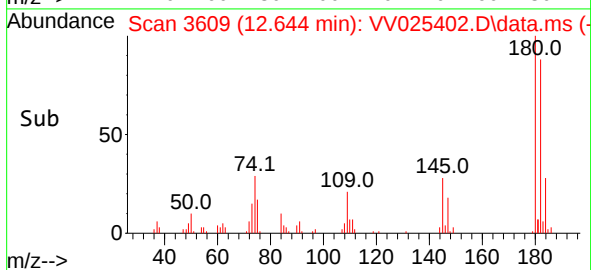
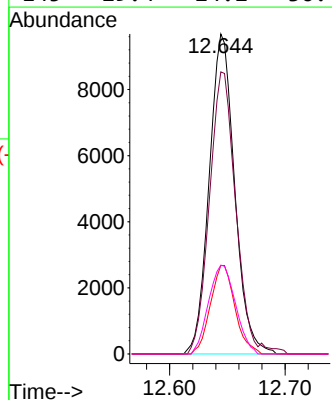
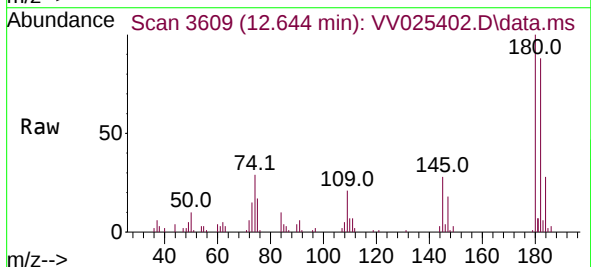
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5231

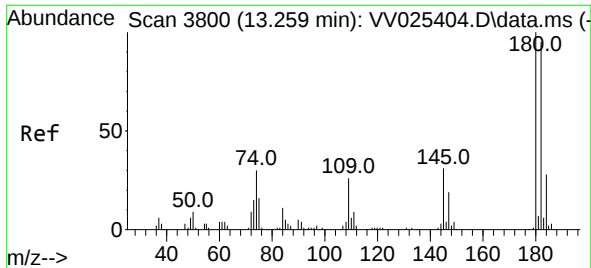
Tgt Ion: 75	Resp:	751
Ion	Ratio	Lower Upper
75	100	
155	97.0	65.8 98.8
157	109.8	86.6 130.0



#69
 1,3,5-Trichlorobenzene
 Concen: 0.566 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Tgt Ion: 180	Resp:	14811
Ion	Ratio	Lower Upper
180	100	
182	91.2	75.3 112.9
184	26.7	23.4 35.2
145	29.4	24.2 36.4

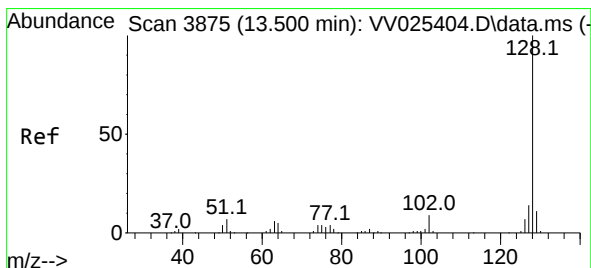
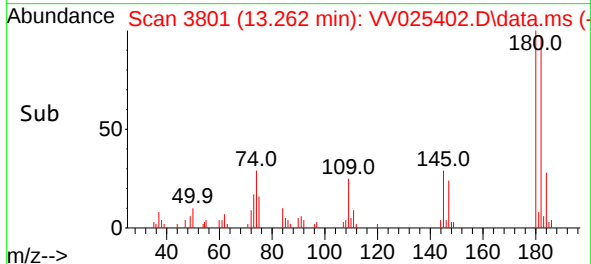
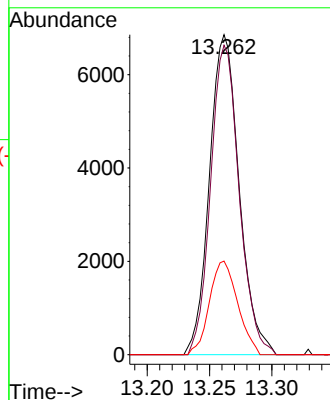
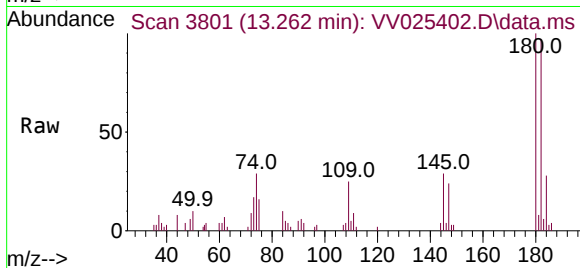




#70
1,2,4-trichlorobenzene
Concen: 0.575 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

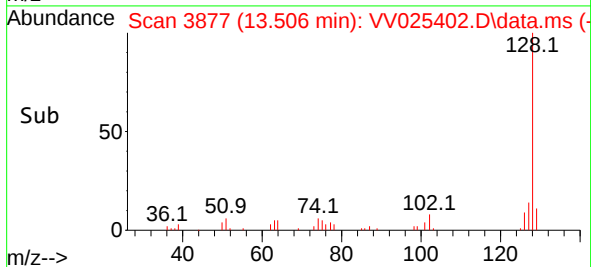
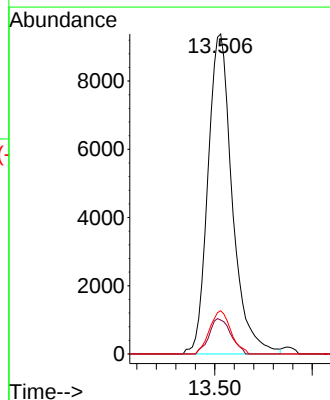
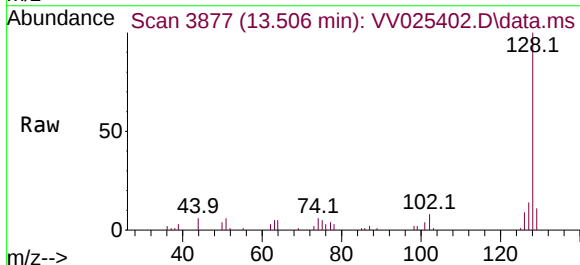
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5231

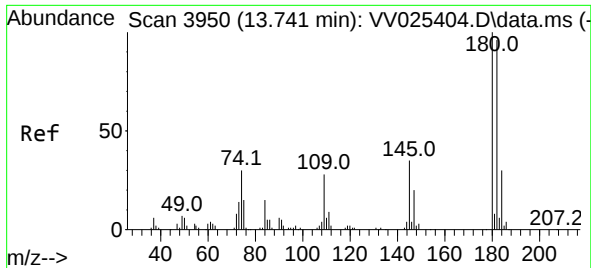
Tgt Ion:180 Resp: 11375
Ion Ratio Lower Upper
180 100
182 92.9 76.6 114.8
145 27.8 24.6 36.8



#71
Naphthalene
Concen: 0.532 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025402.D
Acq: 08 Apr 2022 11:21

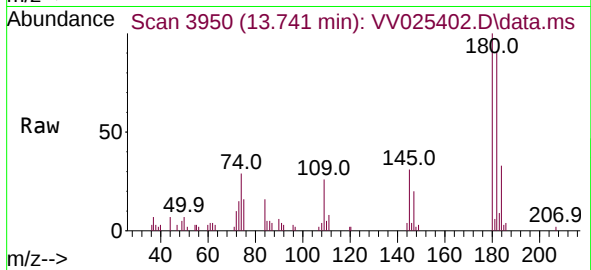
Tgt Ion:128 Resp: 16291
Ion Ratio Lower Upper
128 100
129 9.8 8.8 13.2
127 11.8 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.558 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV025402.D
 Acq: 08 Apr 2022 11:21

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5231



Tgt Ion:	180	Resp:	9480
Ion	Ratio	Lower	Upper
180	100		
182	96.9	77.7	116.5
145	34.1	27.4	41.2

