

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026012.D
 Acq On : 08 Jun 2022 10:42
 Operator : SY/MD
 Sample : VSTD0.555
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5255

Quant Time: Jun 09 04:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:33:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	260365	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	244794	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	113066	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	7858	0.438	ug/L	0.00
7) Chloroethane-d5	1.577	69	8291	0.479	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.121	63	18469	0.484	ug/L	0.00
20) 2-Butanone-d5	3.938	46	2519	0.825	ug/L	0.03
24) Chloroform-d	4.365	84	16571	0.486	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.056	65	6849	0.458	ug/L	0.02
32) Benzene-d6	5.063	84	27958	0.344	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	9231	0.379	ug/L	0.00
41) Toluene-d8	7.320	98	23182	0.333	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	2335	0.361	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	8974	3.469	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	5879	0.444	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	9229	0.510	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.137	85	12840	0.578	ug/L	96
3) Chloromethane	1.250	50	15295	0.575	ug/L	97
5) Vinyl chloride	1.320	62	15386	0.568	ug/L	96
6) Bromomethane	1.532	94	9085	0.589	ug/L	88
8) Chloroethane	1.594	64	9845	0.613	ug/L	95
9) Trichlorofluoromethane	1.764	101	19420	0.576	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	10876	0.578	ug/L	97
12) 1,1-Dichloroethene	2.127	96	10564	0.565	ug/L	96
13) Acetone	2.192	43	7290	3.649	ug/L	96
14) Carbon disulfide	2.304	76	29888	0.530	ug/L	99
15) Methyl Acetate	2.452	43	1699	0.299	ug/L #	80
16) Methylene chloride	2.516	84	12267	0.642	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	16413	0.490	ug/L	97
18) trans-1,2-Dichloroethene	2.774	96	9874	0.538	ug/L	92
19) 1,1-Dichloroethane	3.201	63	18213	0.550	ug/L	98
21) 2-Butanone	4.224	43	385	0.124	ug/L	85
22) cis-1,2-Dichloroethene	3.925	96	9134	0.484	ug/L	92
23) Bromochloromethane	4.269	128	3939	0.515	ug/L	95
25) Chloroform	4.388	83	18883	0.562	ug/L	97
27) 1,2-Dichloroethane	5.146	62	9013	0.513	ug/L #	93
29) 1,1,1-Trichloroethane	4.616	97	16912	0.500	ug/L	95
30) Cyclohexane	4.683	56	12387	0.359	ug/L	95
31) Carbon tetrachloride	4.838	117	13041	0.459	ug/L	96
33) Benzene	5.111	78	35037	0.398	ug/L	100
34) Trichloroethene	5.925	95	9932	0.440	ug/L	97
35) Methylcyclohexane	6.134	83	14156	0.391	ug/L	97
37) 1,2-Dichloropropane	6.179	63	8641	0.413	ug/L #	94
38) Bromodichloromethane	6.516	83	10728	0.443	ug/L	94
39) cis-1,3-Dichloropropene	7.037	75	10108	0.395	ug/L	99
40) 4-Methyl-2-pentanone	7.236	43	32702	3.559	ug/L	92
42) Toluene	7.394	91	35343	0.409	ug/L	94
44) trans-1,3-Dichloropropene	7.664	75	7393	0.393	ug/L	100

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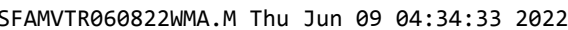
Quant Time: Jun 09 04:34:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:33:18 2022
 Response via : Initial Calibration

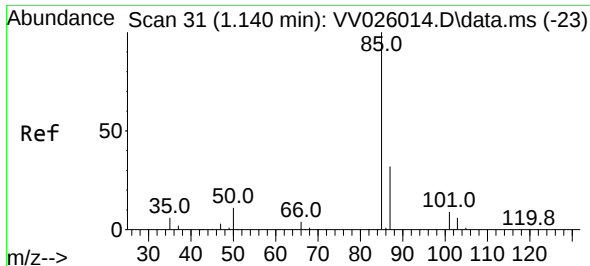
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	6085	0.493	ug/L	95
47) Tetrachloroethene	7.979	164	7359	0.475	ug/L	94
48) 2-Hexanone	8.153	43	20054	3.553	ug/L	89
49) Dibromochloromethane	8.249	129	6518	0.513	ug/L	92
50) 1,2-Dibromoethane	8.359	107	5141	0.478	ug/L #	95
51) Chlorobenzene	8.886	112	25944	0.527	ug/L	97
52) Ethylbenzene	9.014	91	36815	0.470	ug/L	99
53) m,p-Xylene	9.143	106	13854	0.454	ug/L	92
54) o-Xylene	9.545	106	12722	0.443	ug/L	97
55) Styrene	9.568	104	19786	0.404	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	6473	0.505	ug/L	100
59) Bromoform	9.735	173	2478	0.491	ug/L #	99
60) Isopropylbenzene	9.931	105	33016	0.482	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	4875	0.587	ug/L	97
62) 1,3,5-Trimethylbenzene	10.539	105	25090	0.467	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	24353	0.451	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	17987	0.542	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	18721	0.555	ug/L	96
67) 1,2-Dichlorobenzene	11.645	146	16003	0.543	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	781	0.500	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.645	180	13078	0.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	9407	0.526	ug/L	94
71) Naphthalene	13.503	128	13537	0.513	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	8245	0.536	ug/L	99

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

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QLast Update : Thu Jun 09 04:33:18 2022
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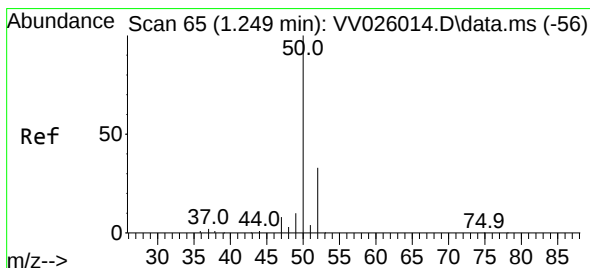
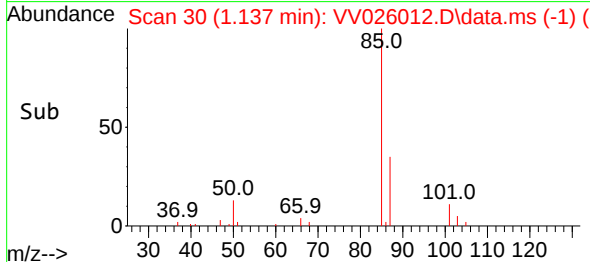
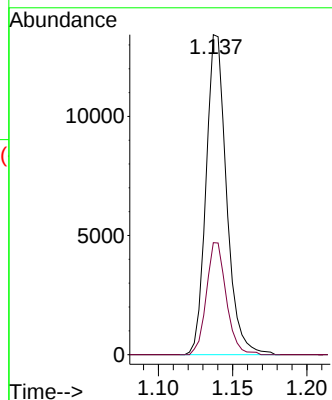
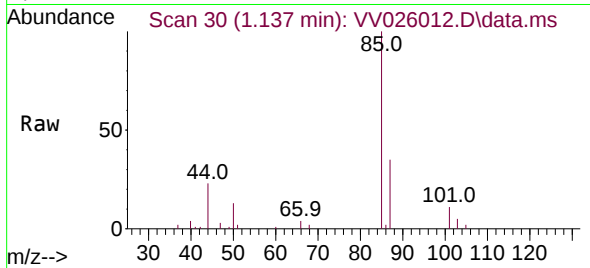




#2
 Dichlorodifluoromethane
 Concen: 0.578 ug/L
 RT: 1.137 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

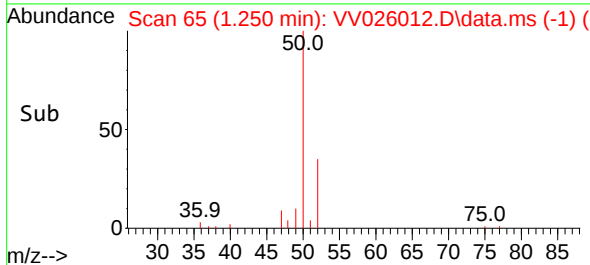
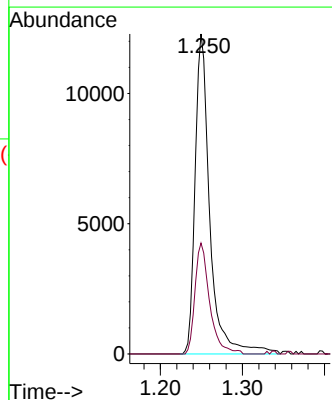
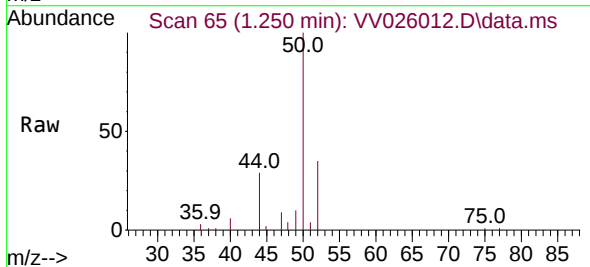
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5255

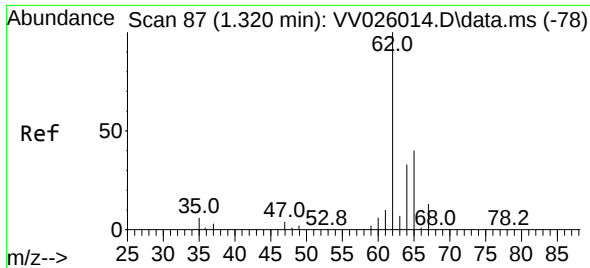
Tgt Ion: 85 Resp: 12840
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.3 37.9



#3
 Chloromethane
 Concen: 0.575 ug/L
 RT: 1.250 min Scan# 65
 Delta R.T. 0.000 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

Tgt Ion: 50 Resp: 15295
 Ion Ratio Lower Upper
 50 100
 52 34.6 23.0 42.6

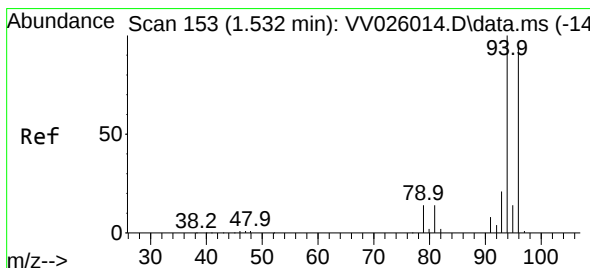
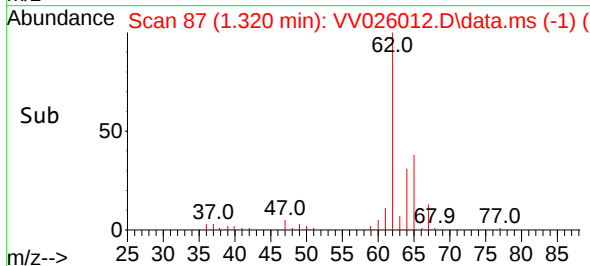
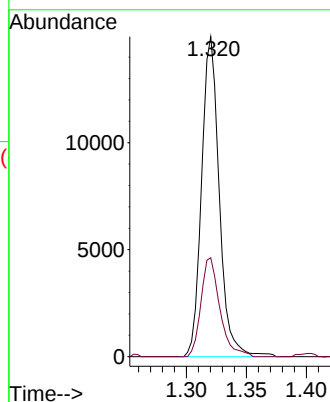
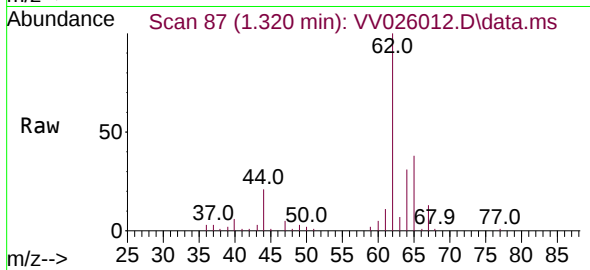




#5
 Vinyl chloride
 Concen: 0.568 ug/L
 RT: 1.320 min Scan# 87
 Delta R.T. 0.000 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

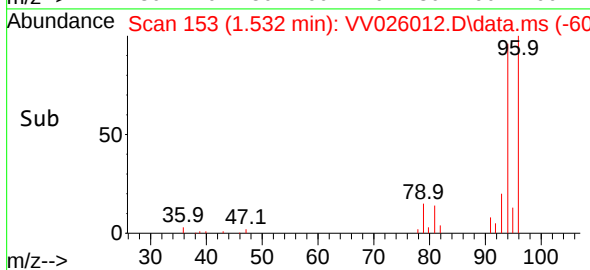
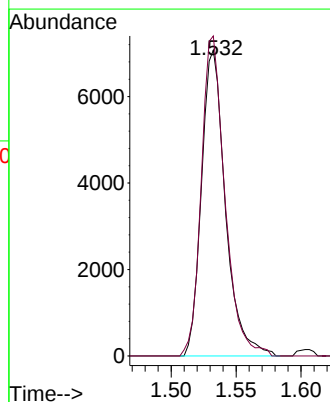
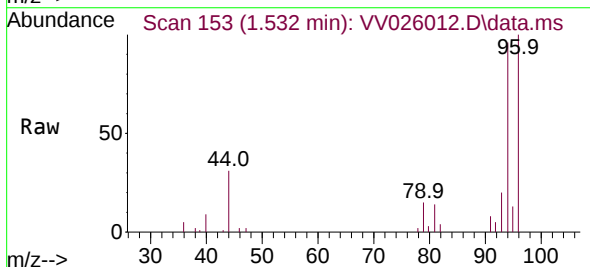
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 ClientSampleId :
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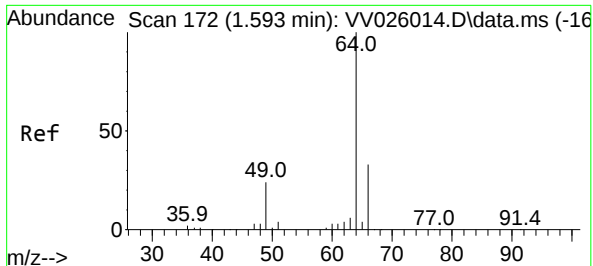
Tgt Ion: 62 Resp: 15386
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.4 43.4



#6
 Bromomethane
 Concen: 0.589 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

Tgt Ion: 94 Resp: 9085
 Ion Ratio Lower Upper
 94 100
 96 104.6 65.5 121.6

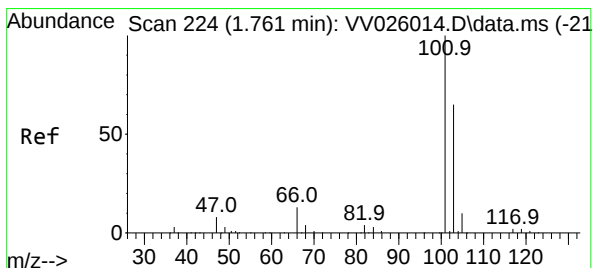
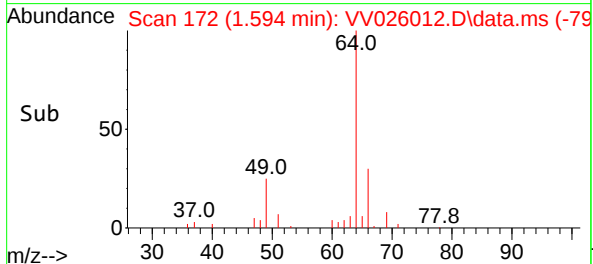
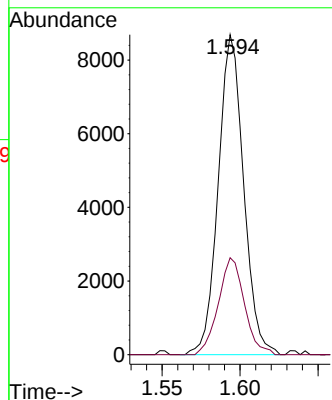
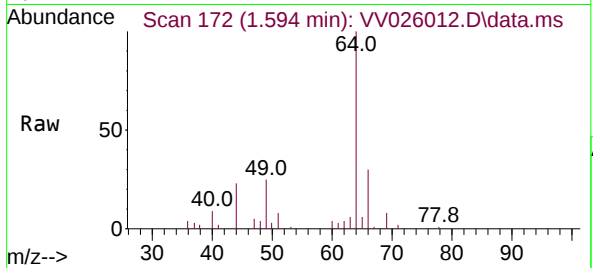




#8
Chloroethane
Concen: 0.613 ug/L
RT: 1.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

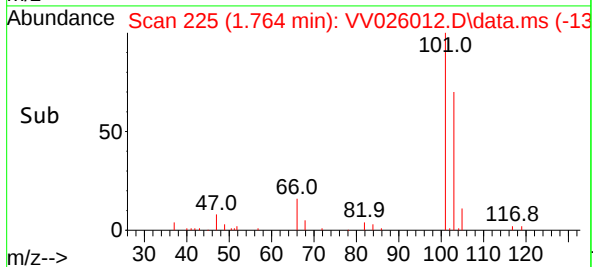
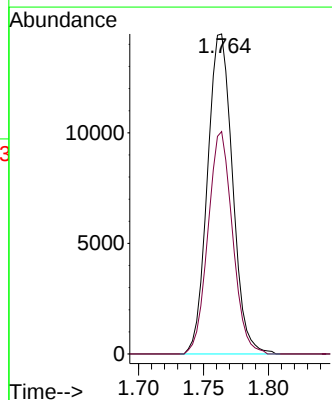
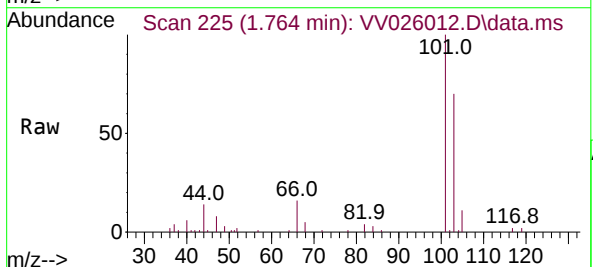
Instrument :
MSVOA_V
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VSTD0.5255

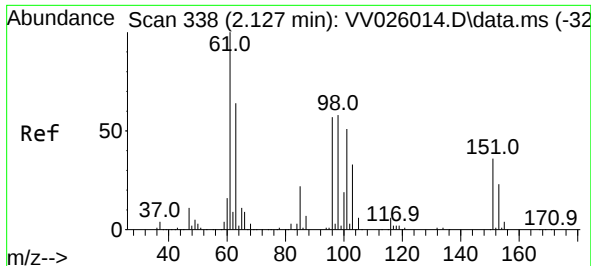
Tgt Ion: 64 Resp: 9845
Ion Ratio Lower Upper
64 100
66 30.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.576 ug/L
RT: 1.764 min Scan# 225
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 101 Resp: 19420
Ion Ratio Lower Upper
101 100
103 68.1 52.6 78.8

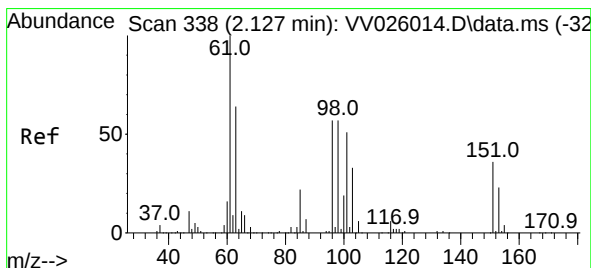
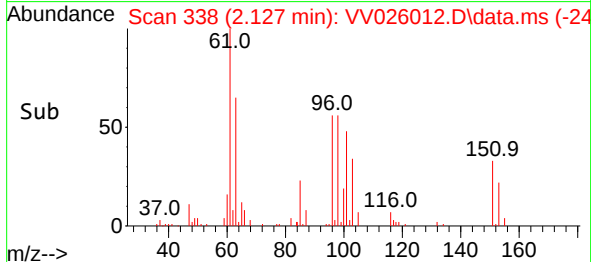
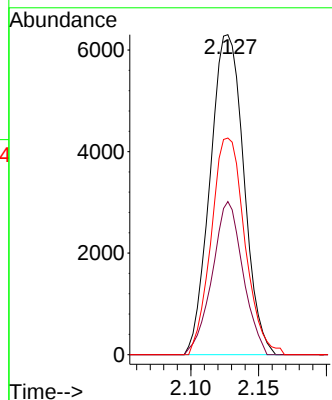
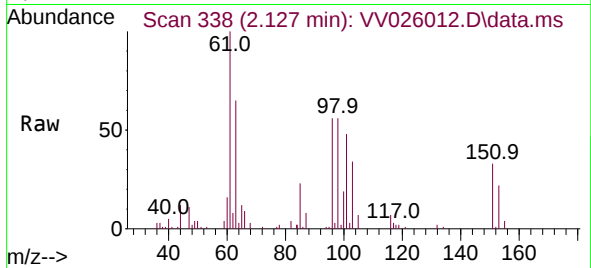




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.578 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

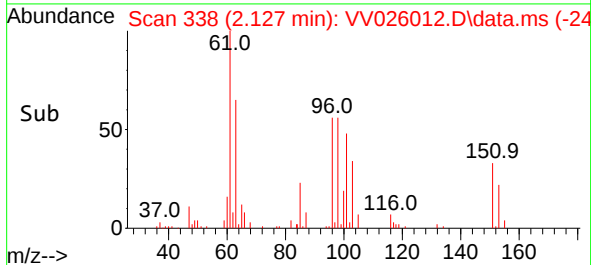
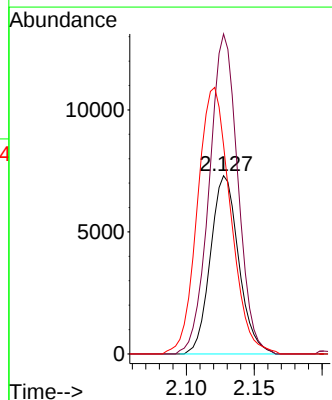
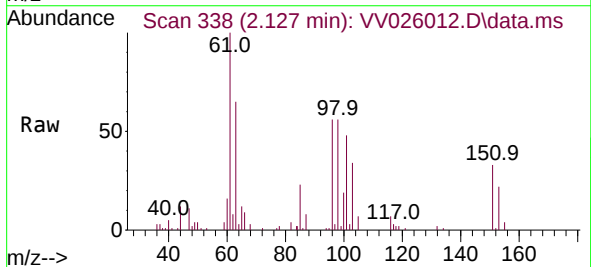
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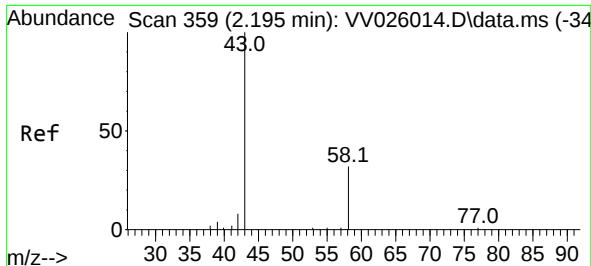
Tgt Ion:101 Resp: 10876
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.6 53.4
 151 67.6 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 0.565 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.000 min
 Lab File: VV026012.D
 Acq: 08 Jun 2022 10:42

Tgt Ion: 96 Resp: 10564
 Ion Ratio Lower Upper
 96 100
 61 179.5 122.6 227.6
 63 117.3 78.5 145.9





#13

Acetone

Concen: 3.649 ug/L

RT: 2.192 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

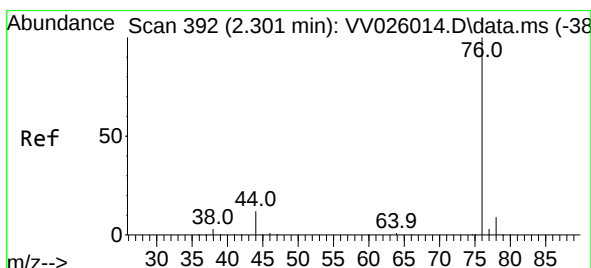
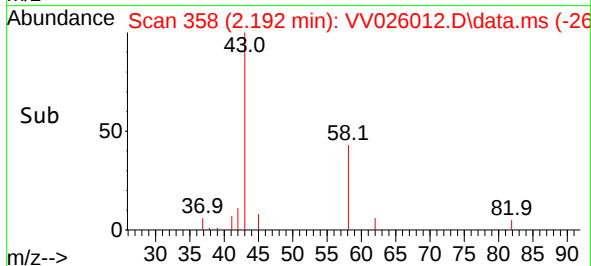
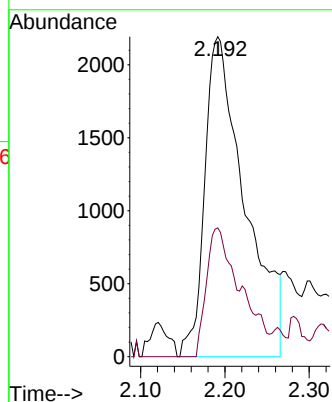
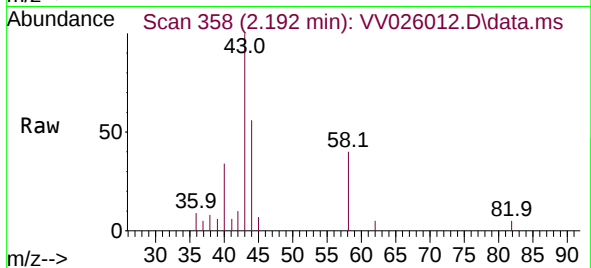
VSTD0.5255

Tgt Ion: 43 Resp: 7290

Ion Ratio Lower Upper

43 100

58 25.6 0.0 47.6



#14

Carbon disulfide

Concen: 0.530 ug/L

RT: 2.304 min Scan# 393

Delta R.T. 0.003 min

Lab File: VV026012.D

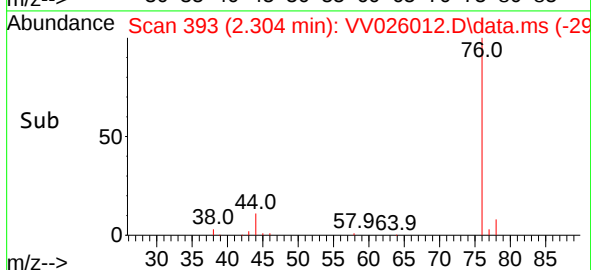
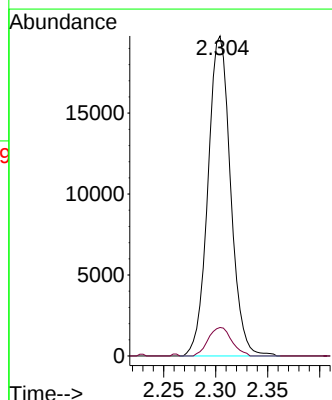
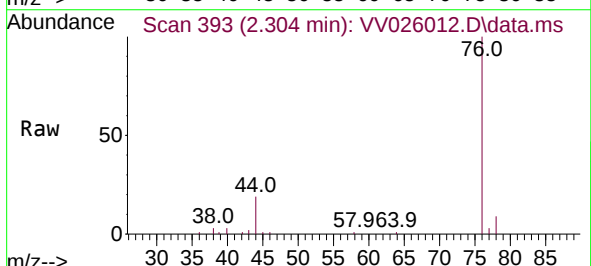
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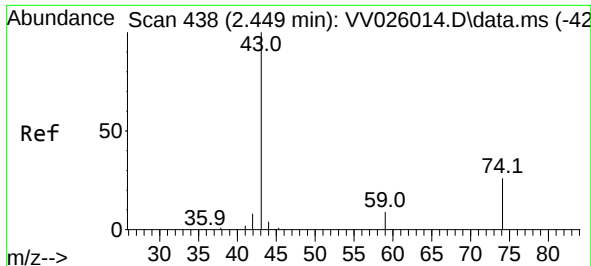
Tgt Ion: 76 Resp: 29888

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0

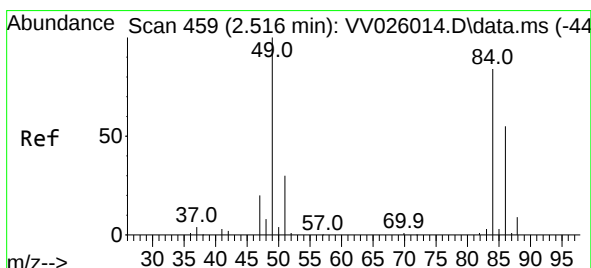
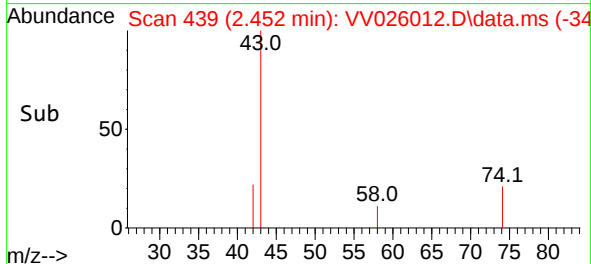
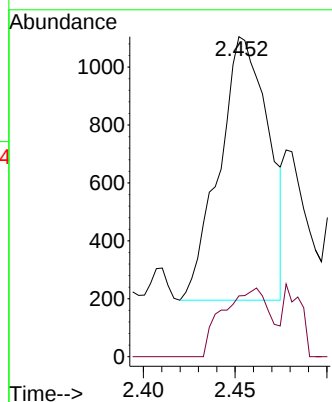
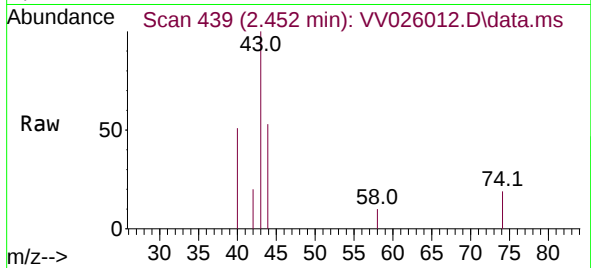




#15
Methyl Acetate
Concen: 0.299 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

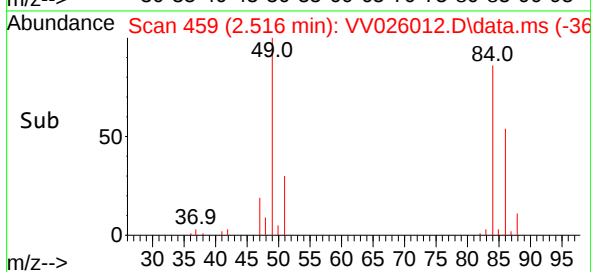
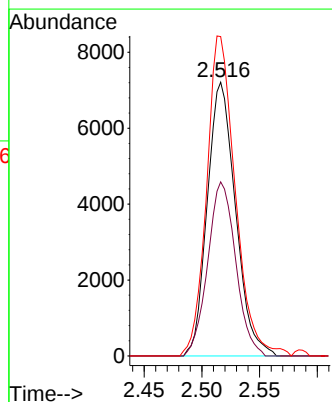
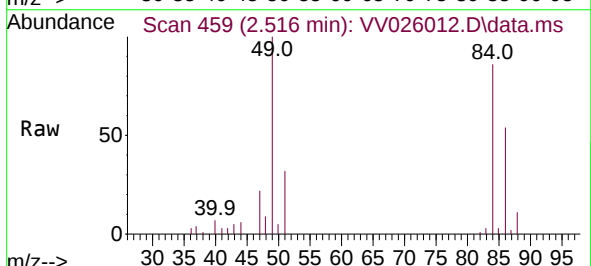
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

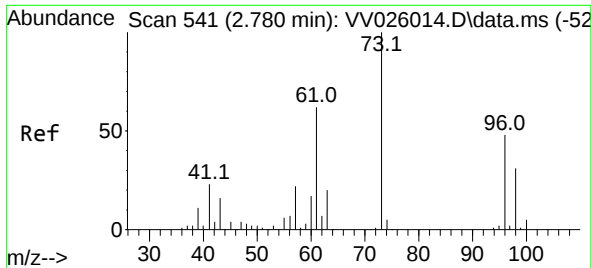
Tgt Ion: 43 Resp: 1699
Ion Ratio Lower Upper
43 100
74 25.2 13.3 19.9#



#16
Methylene chloride
Concen: 0.642 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 84 Resp: 12267
Ion Ratio Lower Upper
84 100
86 63.6 45.6 84.6
49 116.7 82.9 153.9

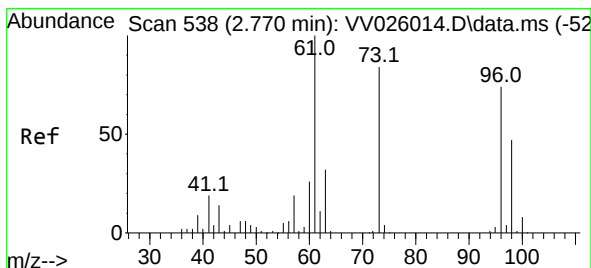
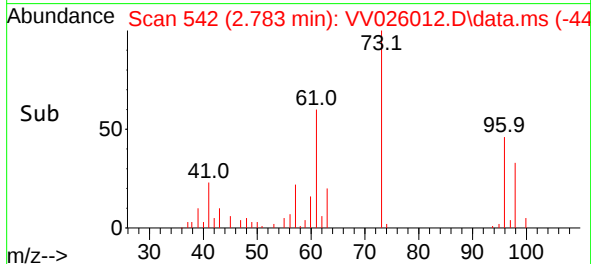
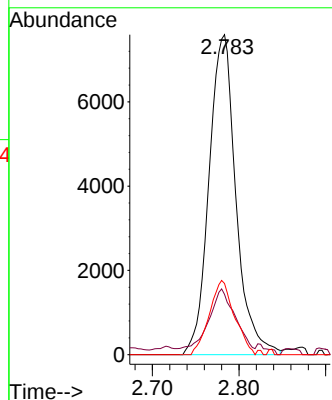
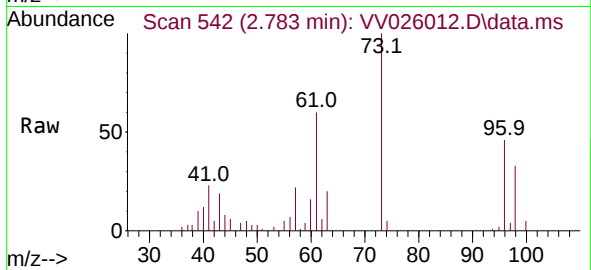




#17
Methyl tert-butyl Ether
Concen: 0.490 ug/L
RT: 2.783 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

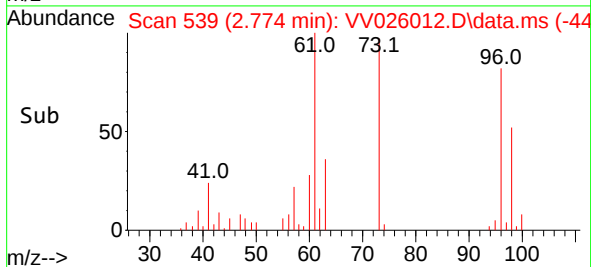
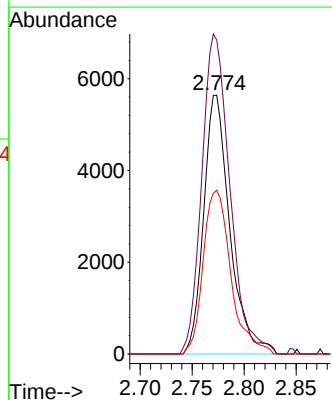
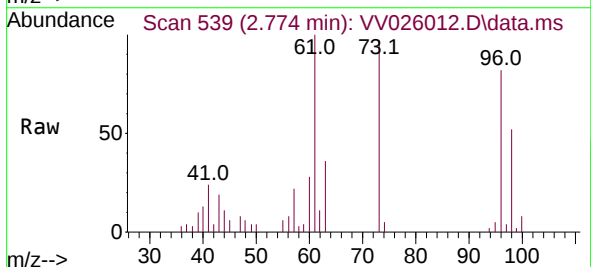
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

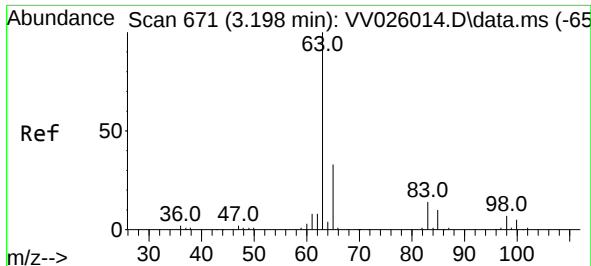
Tgt Ion: 73 Resp: 16413
Ion Ratio Lower Upper
73 100
43 19.5 13.7 20.5
57 21.6 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 0.538 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 96 Resp: 9874
Ion Ratio Lower Upper
96 100
61 121.4 94.3 175.1
98 63.3 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.550 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

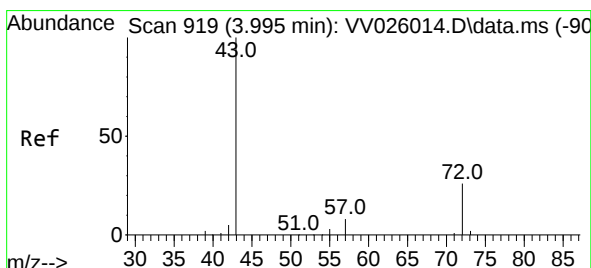
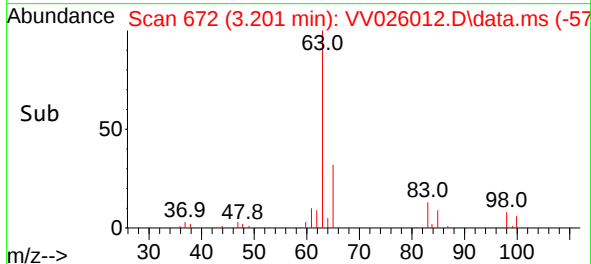
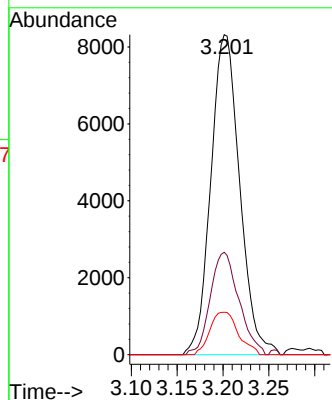
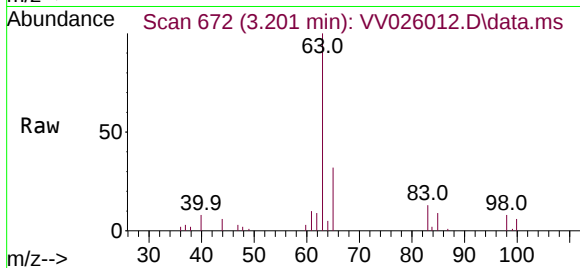
Tgt Ion: 63 Resp: 18213

Ion Ratio Lower Upper

63 100

65 32.0 23.1 42.9

83 13.2 9.7 18.1



#21

2-Butanone

Concen: 0.124 ug/L

RT: 4.224 min Scan# 990

Delta R.T. 0.228 min

Lab File: VV026012.D

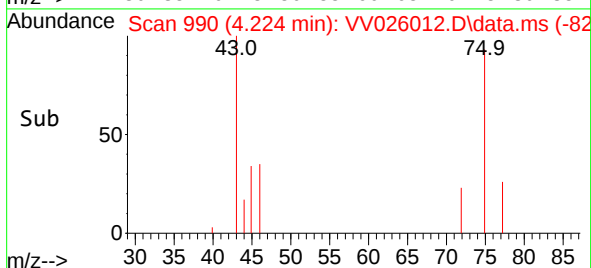
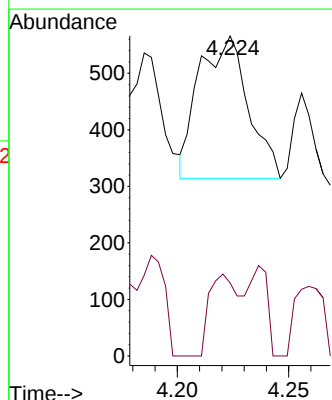
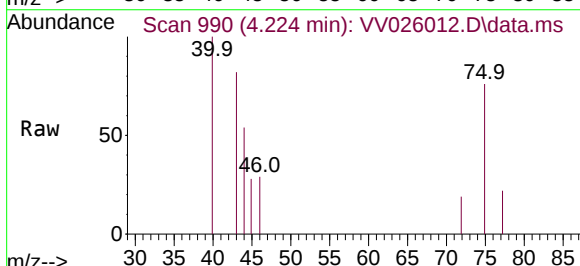
Acq: 08 Jun 2022 10:42

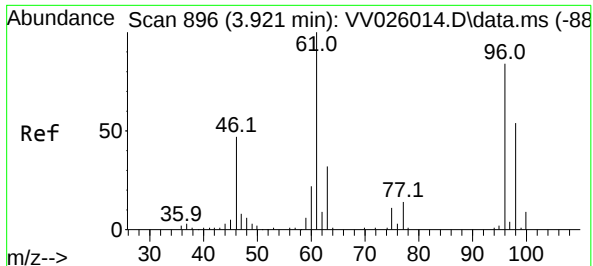
Tgt Ion: 43 Resp: 385

Ion Ratio Lower Upper

43 100

72 31.2 11.9 35.7





#22

cis-1,2-Dichloroethene

Concen: 0.484 ug/L

RT: 3.925 min Scan# 896

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

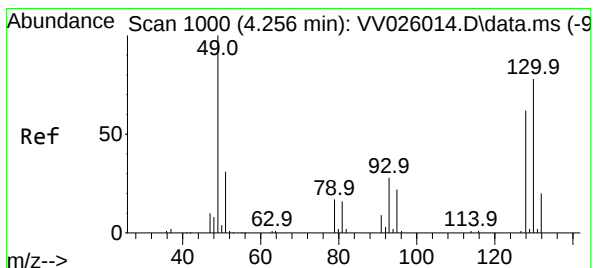
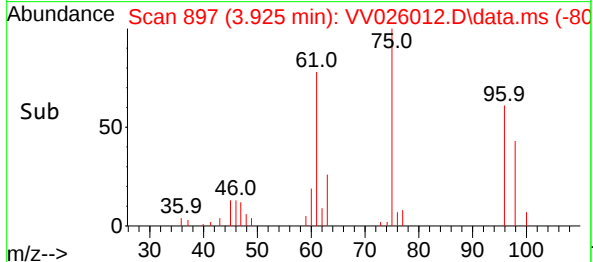
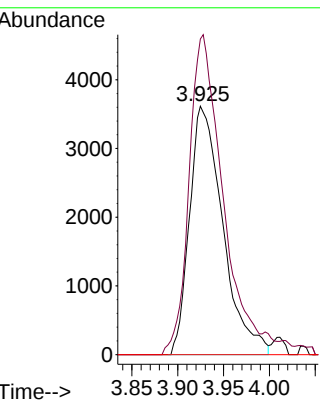
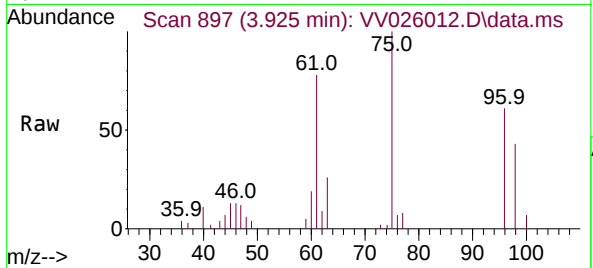
Tgt Ion: 96 Resp: 9134

Ion Ratio Lower Upper

96 100

61 127.0 83.1 154.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 0.515 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.013 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Tgt Ion: 128 Resp: 3939

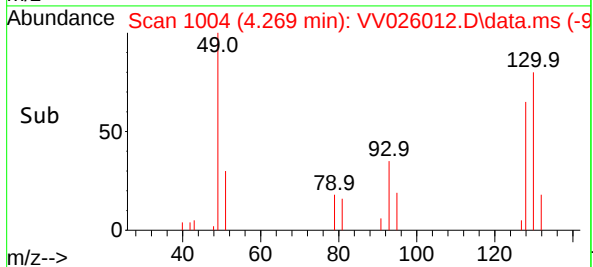
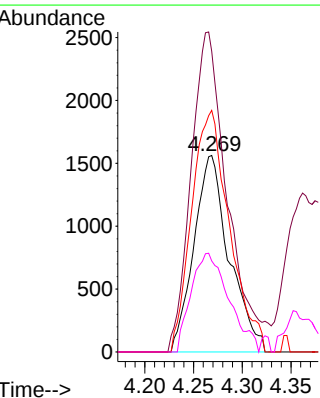
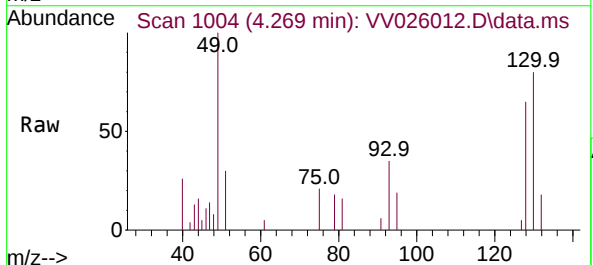
Ion Ratio Lower Upper

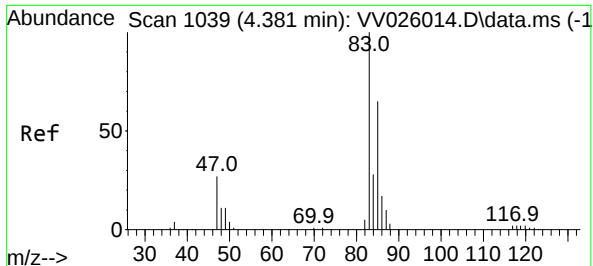
128 100

49 153.0 112.8 209.4

130 122.9 87.4 162.4

51 46.3 40.5 60.7





#25

Chloroform

Concen: 0.562 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

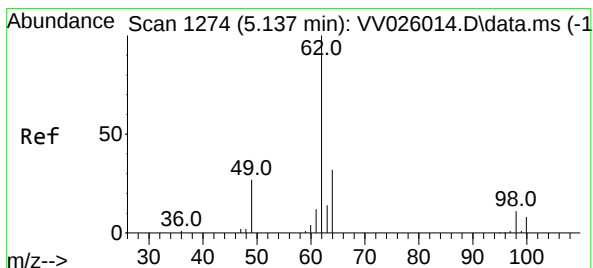
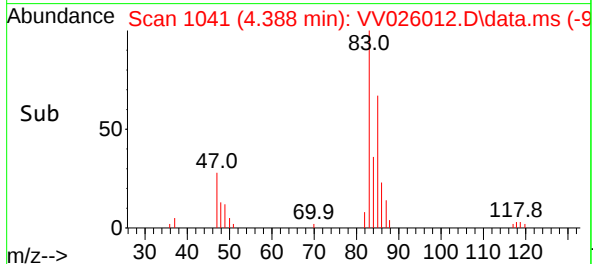
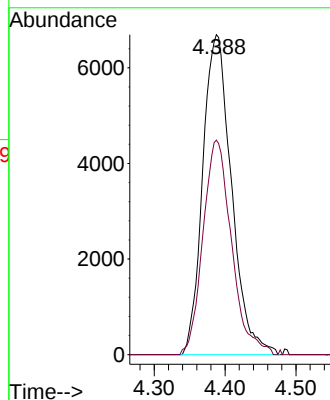
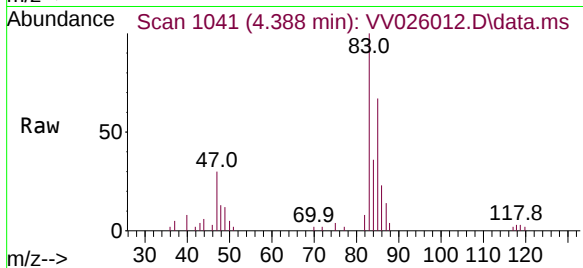
VSTD0.5255

Tgt Ion: 83 Resp: 18883

Ion Ratio Lower Upper

83 100

85 67.1 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.513 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.010 min

Lab File: VV026012.D

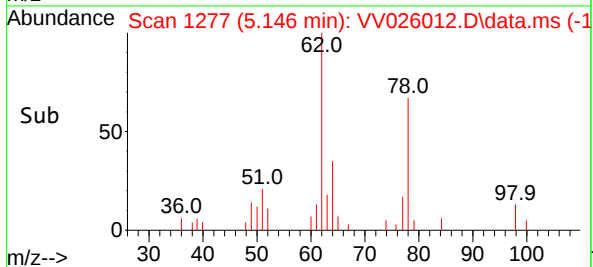
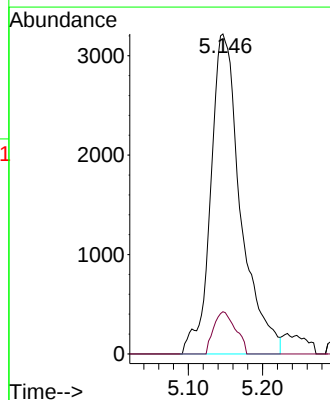
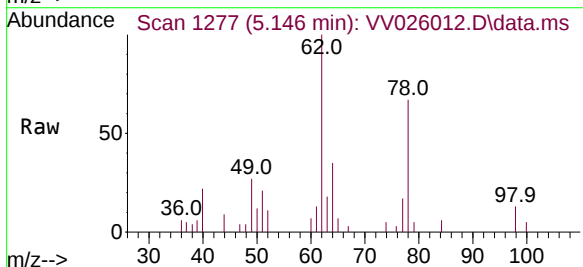
Acq: 08 Jun 2022 10:42

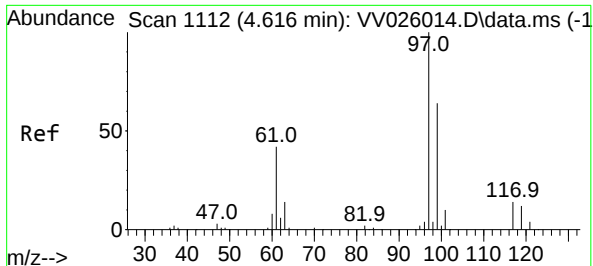
Tgt Ion: 62 Resp: 9013

Ion Ratio Lower Upper

62 100

98 13.2 8.5 12.7#





#29

1,1,1-Trichloroethane

Concen: 0.500 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

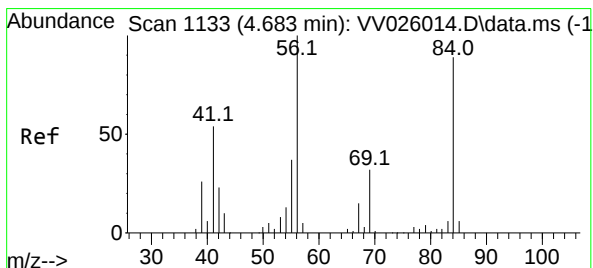
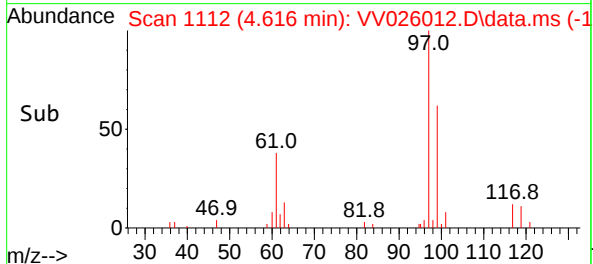
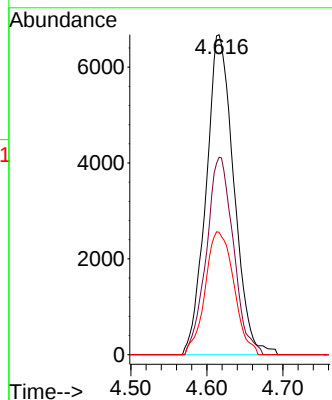
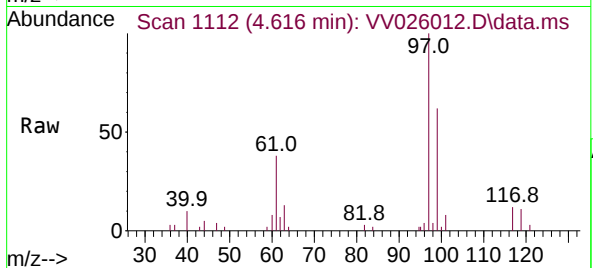
Tgt Ion: 97 Resp: 16912

Ion Ratio Lower Upper

97 100

99 60.2 51.4 77.0

61 39.7 34.9 52.3



#30

Cyclohexane

Concen: 0.359 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

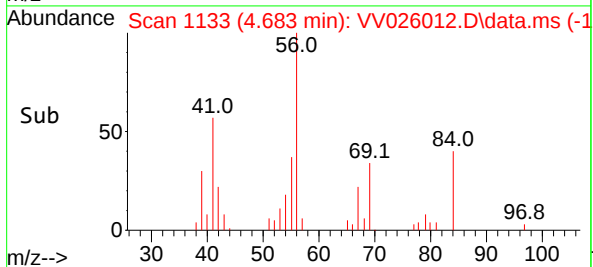
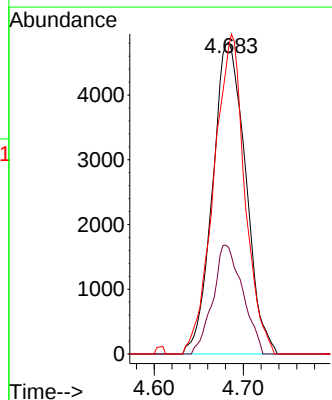
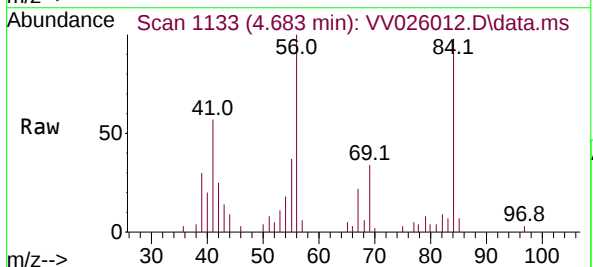
Tgt Ion: 56 Resp: 12387

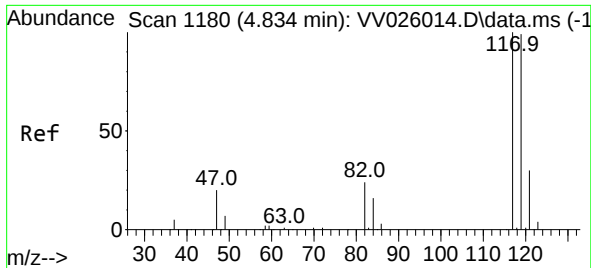
Ion Ratio Lower Upper

56 100

69 31.5 25.1 37.7

84 96.3 72.2 108.4

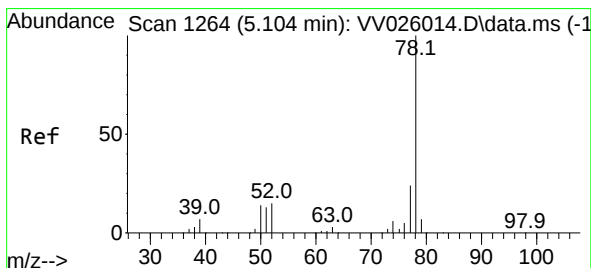
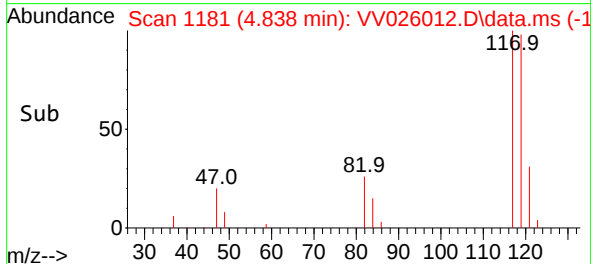
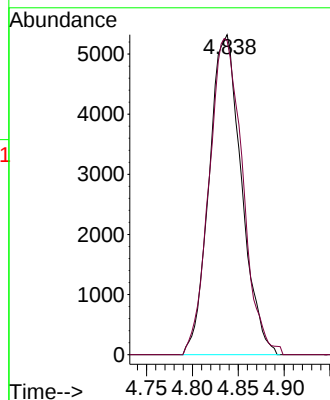
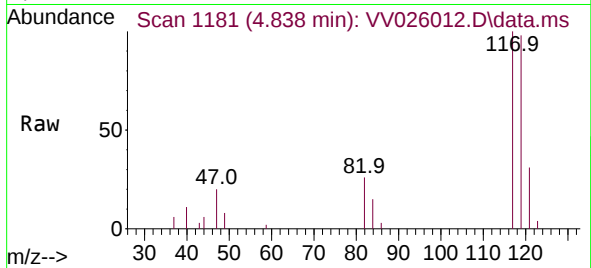




#31
Carbon tetrachloride
Concen: 0.459 ug/L
RT: 4.838 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

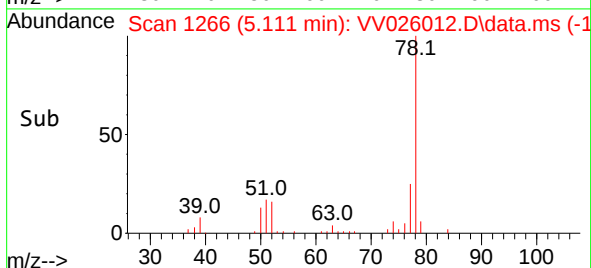
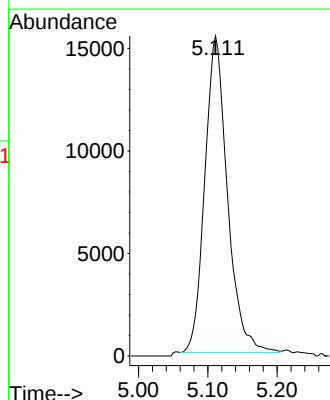
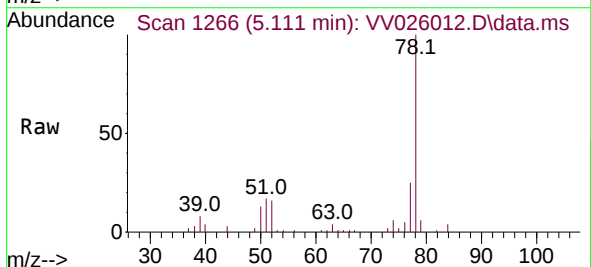
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

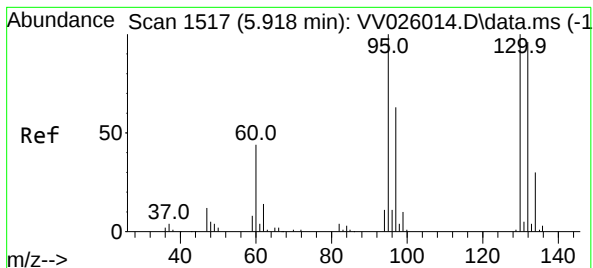
Tgt Ion:117 Resp: 13041
Ion Ratio Lower Upper
117 100
119 102.3 78.7 118.1



#33
Benzene
Concen: 0.398 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.007 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 78 Resp: 35037





#34

Trichloroethene

Concen: 0.440 ug/L

RT: 5.925 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

Tgt Ion: 95 Resp: 9932

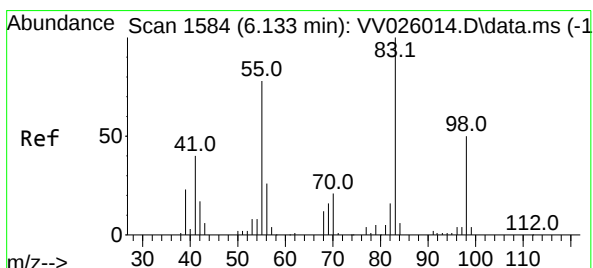
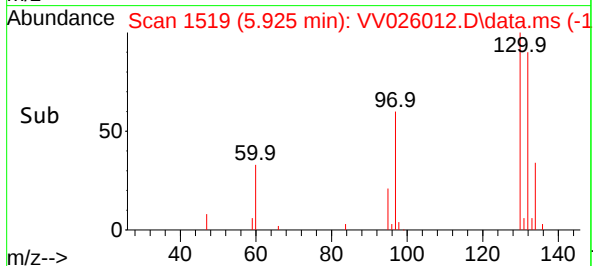
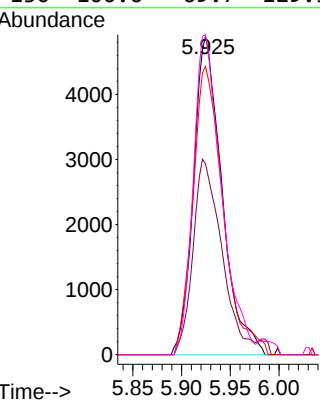
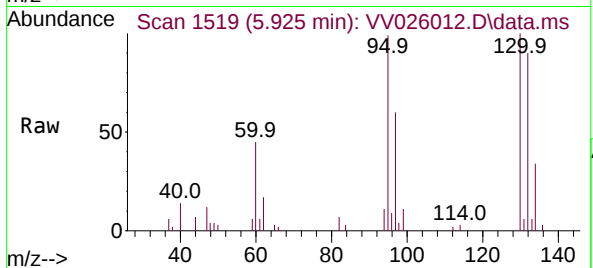
Ion Ratio Lower Upper

95 100

97 60.0 44.0 81.6

132 90.7 67.5 125.4

130 100.6 69.7 129.5



#35

Methylcyclohexane

Concen: 0.391 ug/L

RT: 6.134 min Scan# 1584

Delta R.T. 0.000 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

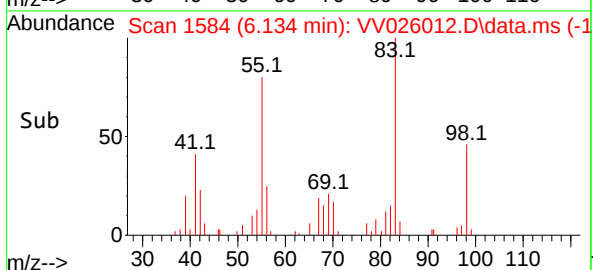
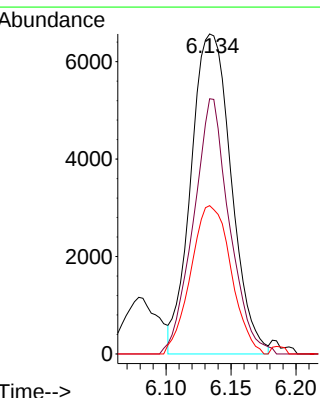
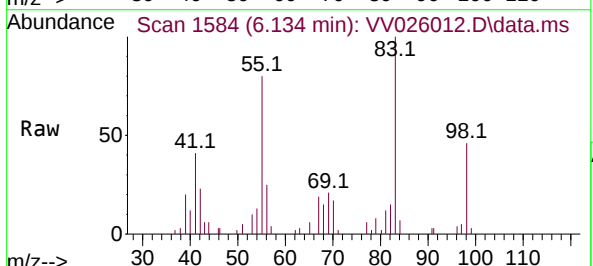
Tgt Ion: 83 Resp: 14156

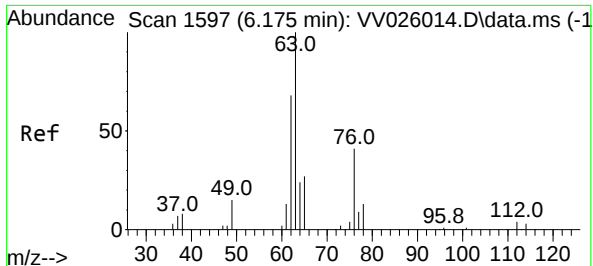
Ion Ratio Lower Upper

83 100

55 71.2 59.4 89.0

98 46.3 38.9 58.3





#37

1,2-Dichloropropane

Concen: 0.413 ug/L

RT: 6.179 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

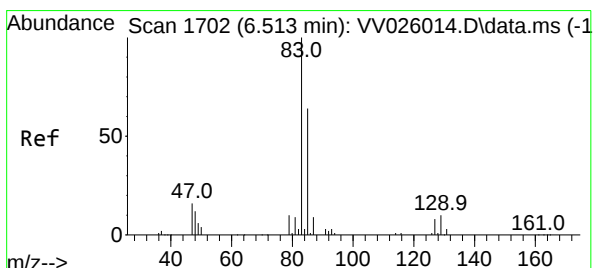
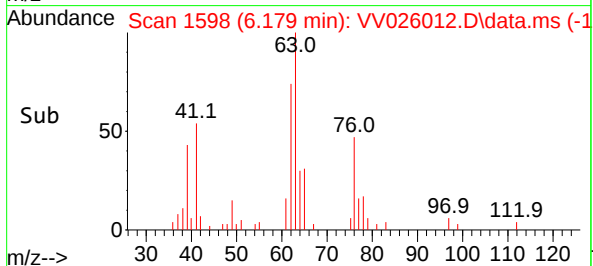
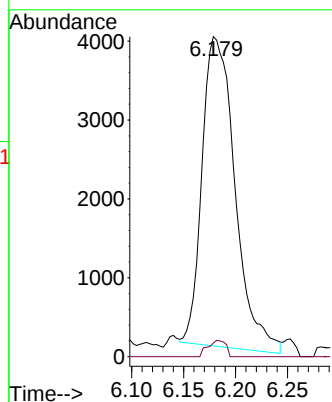
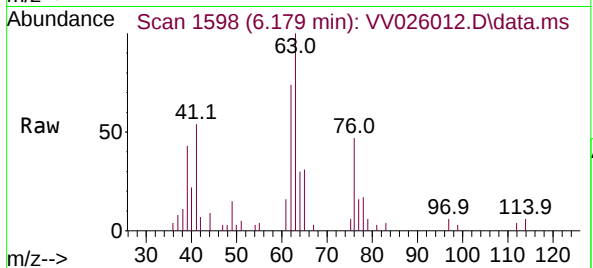
VSTD0.5255

Tgt Ion: 63 Resp: 8641

Ion Ratio Lower Upper

63 100

112 2.8 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.443 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

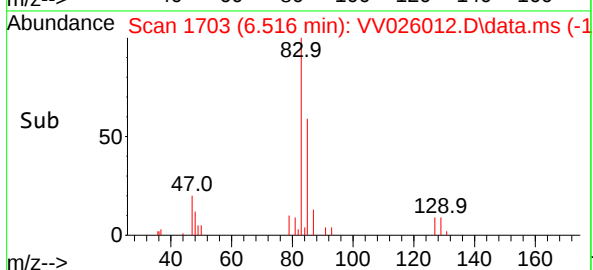
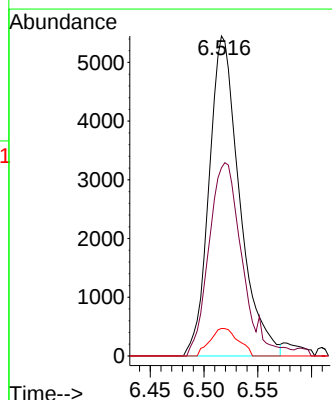
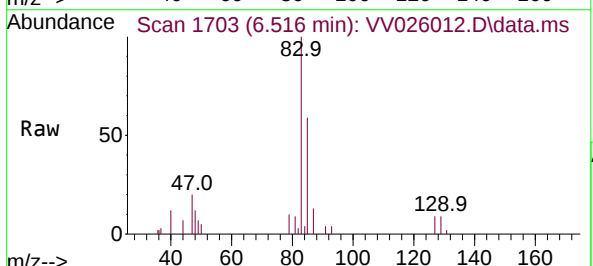
Tgt Ion: 83 Resp: 10728

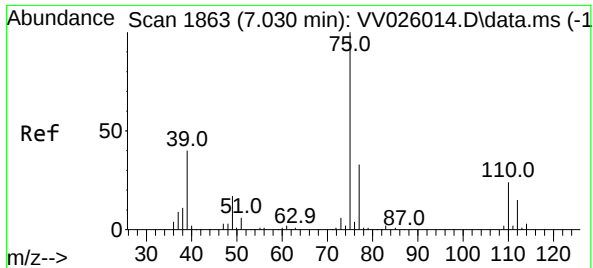
Ion Ratio Lower Upper

83 100

85 58.8 44.8 83.2

127 8.6 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 0.395 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

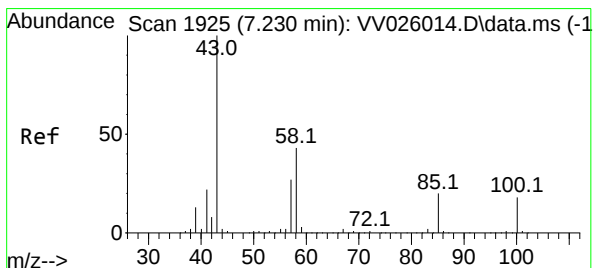
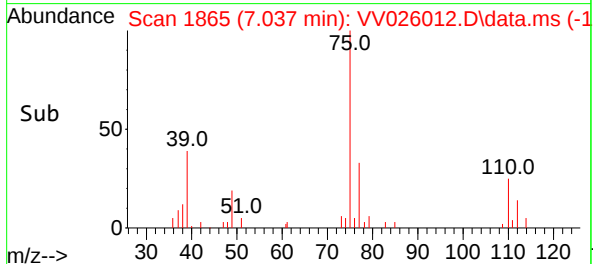
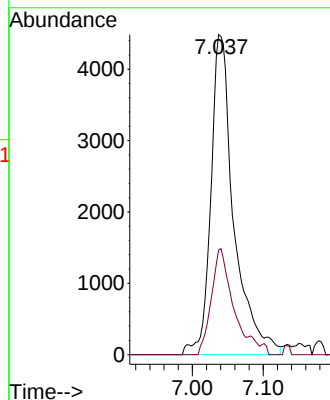
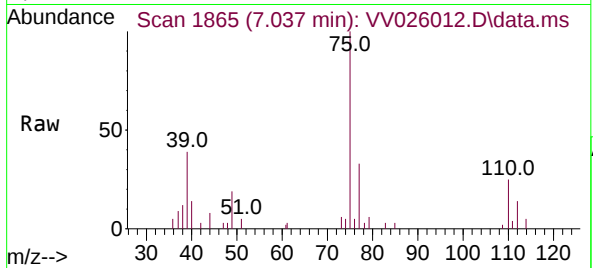
VSTD0.5255

Tgt Ion: 75 Resp: 10108

Ion Ratio Lower Upper

75 100

77 32.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 3.559 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

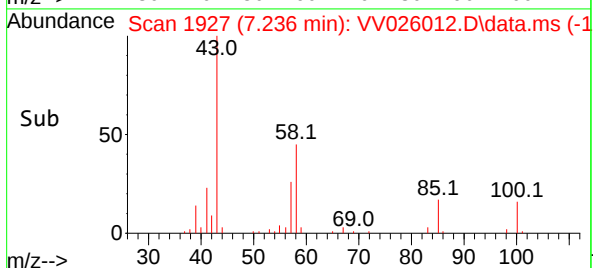
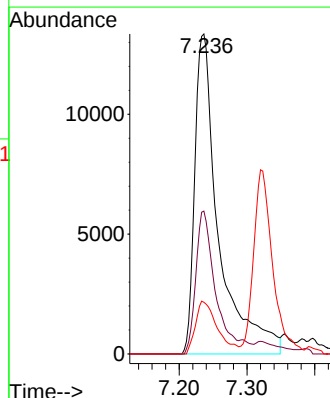
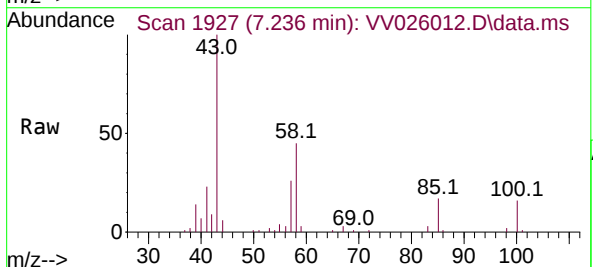
Tgt Ion: 43 Resp: 32702

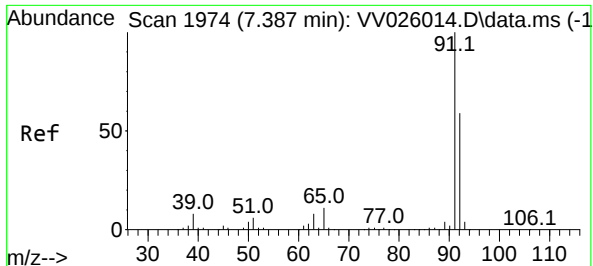
Ion Ratio Lower Upper

43 100

58 35.9 34.2 51.2

100 15.2 12.6 19.0





#42

Toluene

Concen: 0.409 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

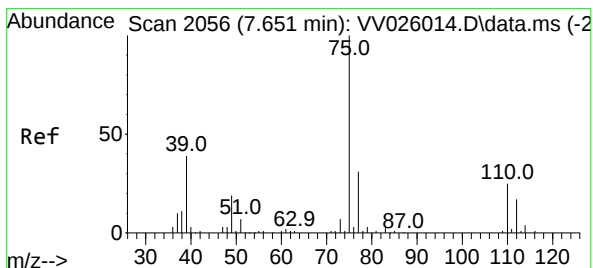
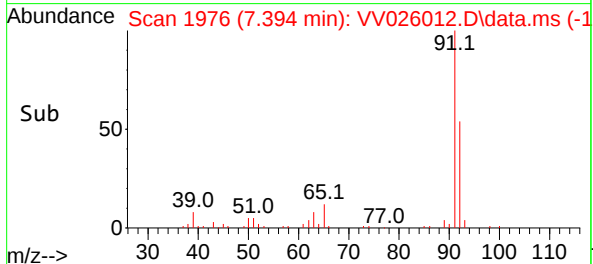
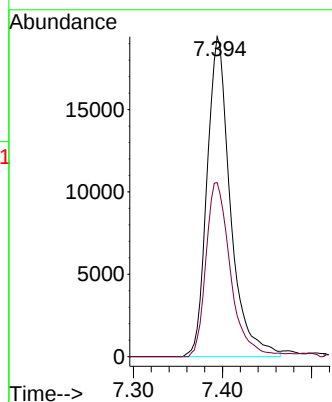
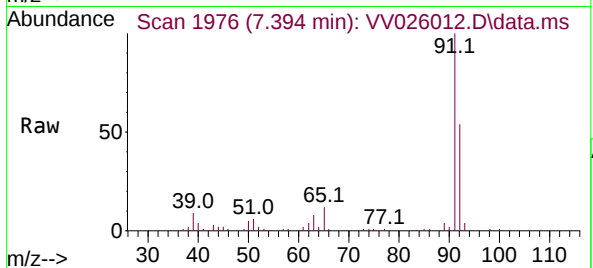
VSTD0.5255

Tgt Ion: 91 Resp: 35343

Ion Ratio Lower Upper

91 100

92 54.4 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VV026012.D

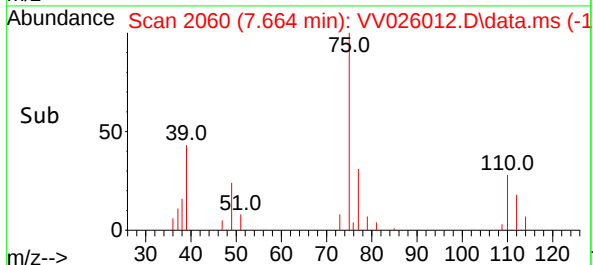
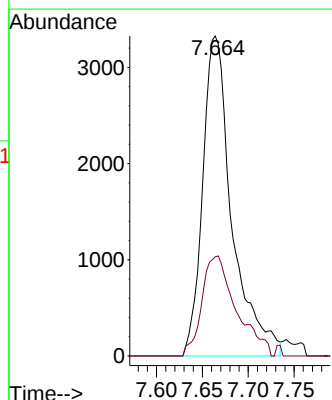
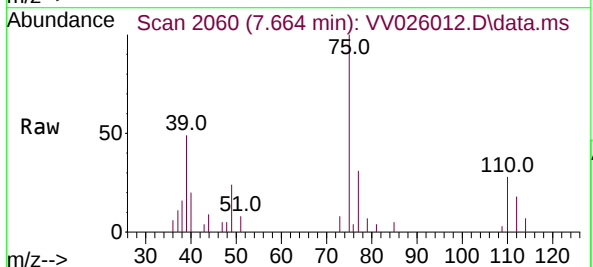
Acq: 08 Jun 2022 10:42

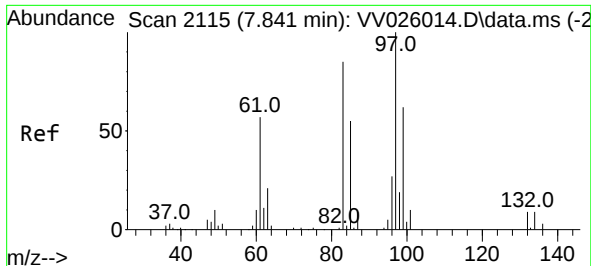
Tgt Ion: 75 Resp: 7393

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 0.493 ug/L

RT: 7.844 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

Tgt Ion: 97 Resp: 6085

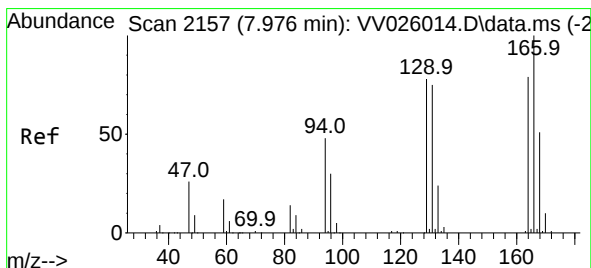
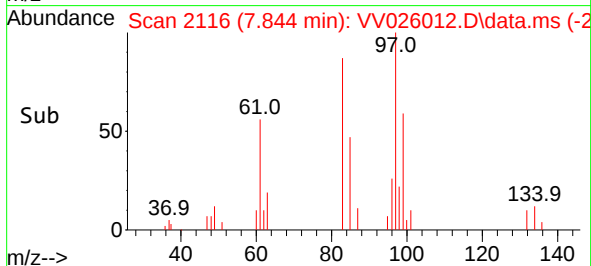
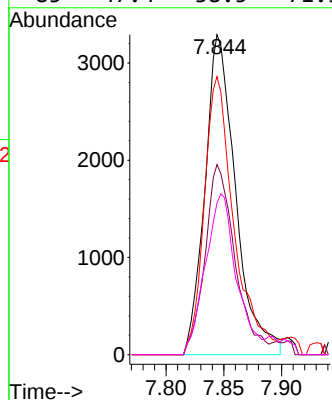
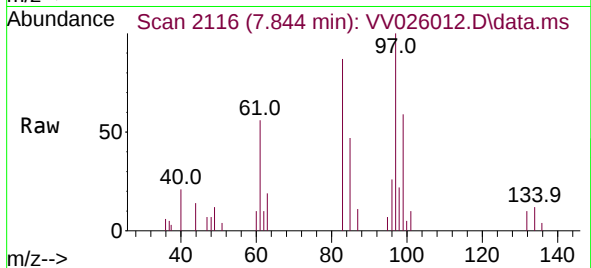
Ion Ratio Lower Upper

97 100

99 59.4 43.5 80.7

83 86.9 59.6 110.8

85 47.4 38.5 71.5



#47

Tetrachloroethene

Concen: 0.475 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Tgt Ion: 164 Resp: 7359

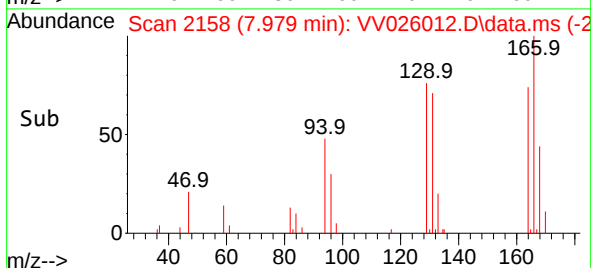
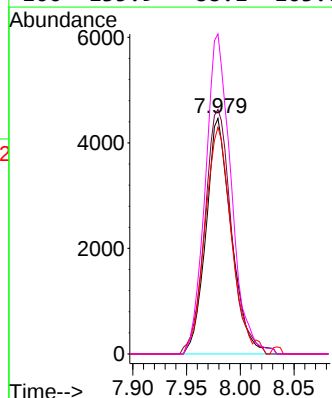
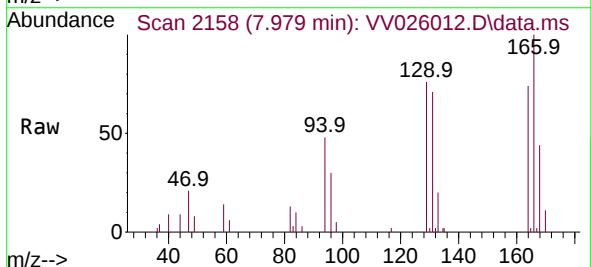
Ion Ratio Lower Upper

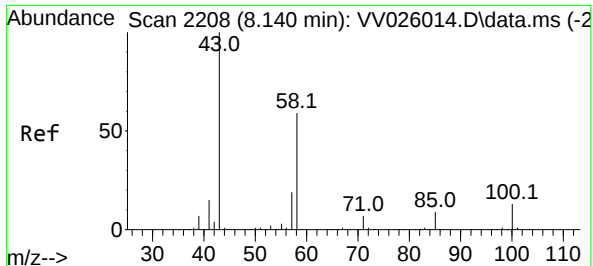
164 100

129 103.8 68.3 126.9

131 96.3 66.5 123.5

166 135.9 88.1 163.7

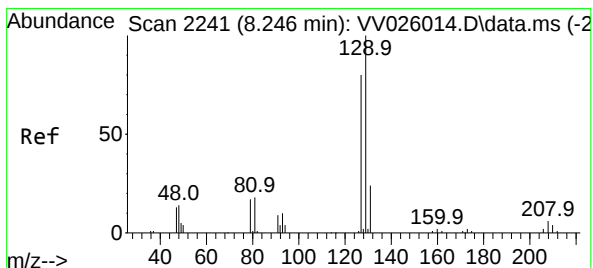
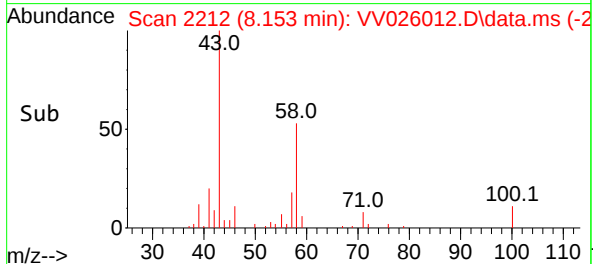
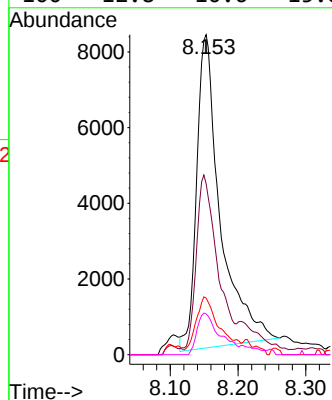
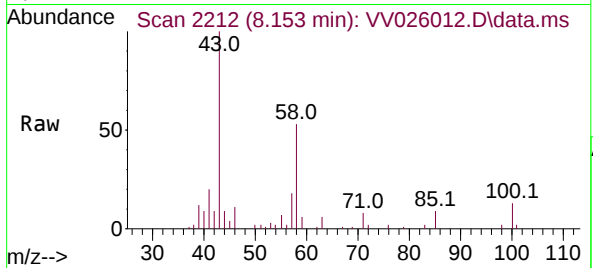




#48
2-Hexanone
Concen: 3.553 ug/L
RT: 8.153 min Scan# 2112
Delta R.T. 0.013 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

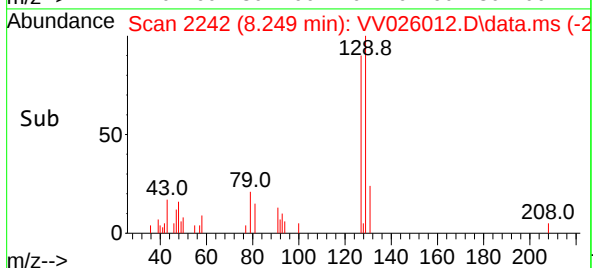
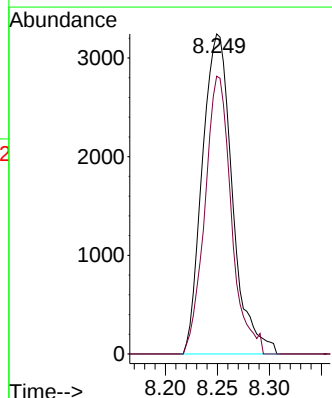
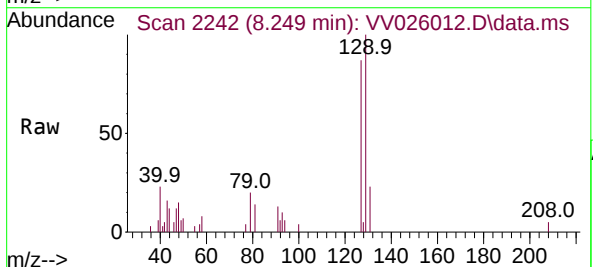
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

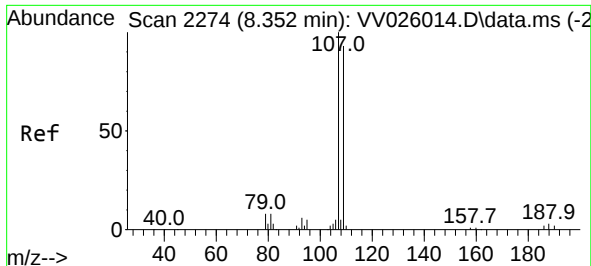
Tgt Ion: 43	Resp: 20054
Ion Ratio	Lower Upper
43 100	
58 48.6	47.4 71.2
57 16.6	15.5 23.3
100 12.8	10.6 15.8



#49
Dibromochloromethane
Concen: 0.513 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion:129	Resp: 6518		
Ion Ratio	Lower	Upper	
129 100			
127 86.8	55.9	103.7	





#50

1,2-Dibromoethane

Concen: 0.478 ug/L

RT: 8.359 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

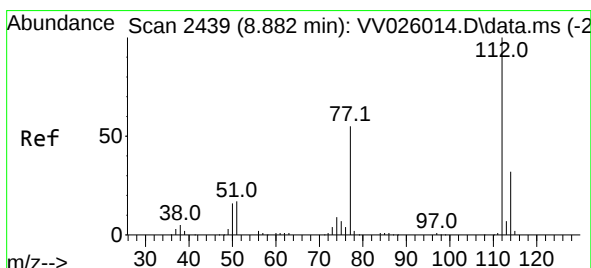
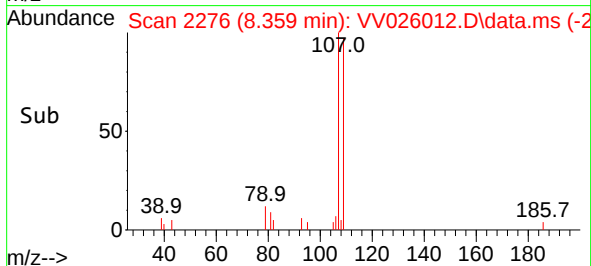
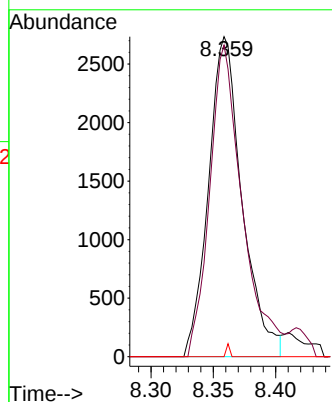
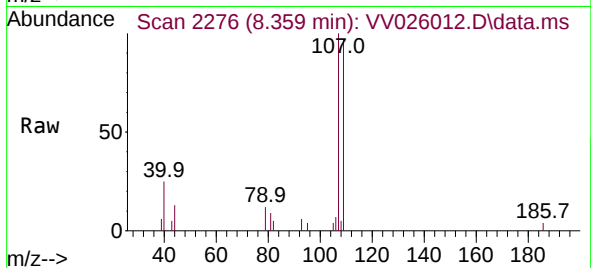
Tgt Ion:107 Resp: 5141

Ion Ratio Lower Upper

107 100

109 97.4 64.8 120.3

188 0.0 2.7 4.1#



#51

Chlorobenzene

Concen: 0.527 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

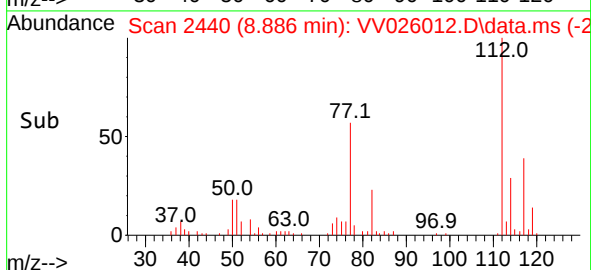
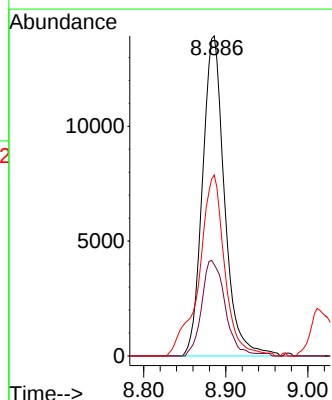
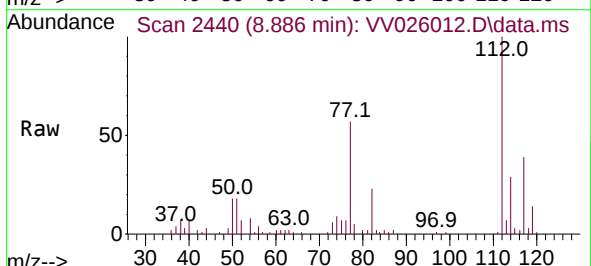
Tgt Ion:112 Resp: 25944

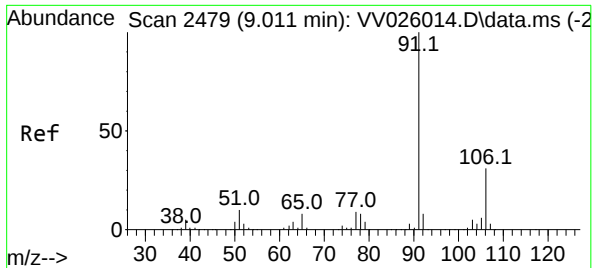
Ion Ratio Lower Upper

112 100

114 28.5 22.3 41.5

77 56.5 44.6 66.8





#52

Ethylbenzene

Concen: 0.470 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

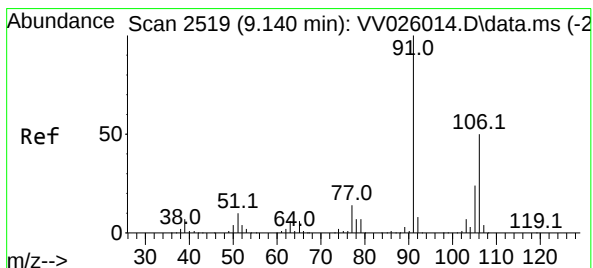
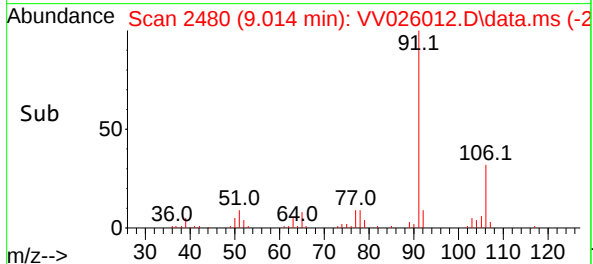
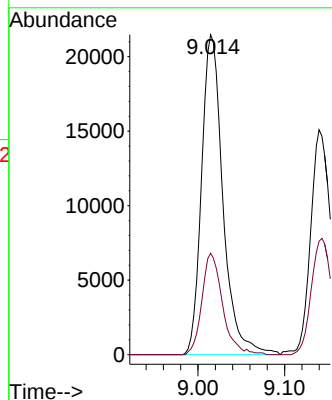
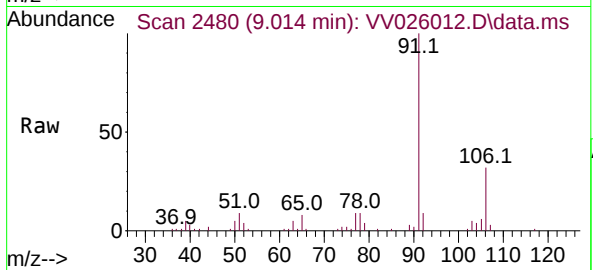
VSTD0.5255

Tgt Ion: 91 Resp: 36815

Ion Ratio Lower Upper

91 100

106 31.7 21.8 40.6



#53

m,p-Xylene

Concen: 0.454 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV026012.D

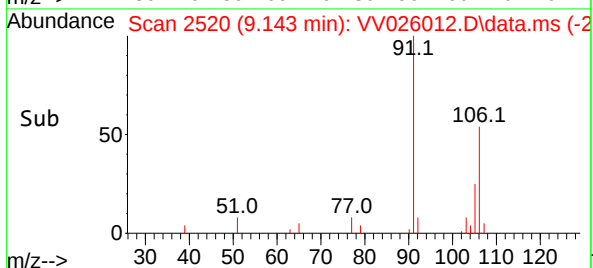
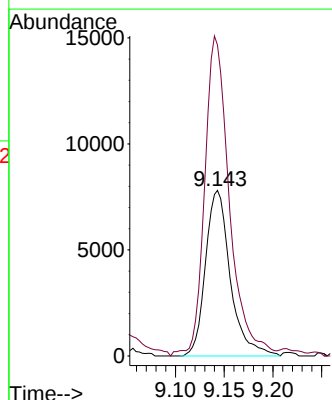
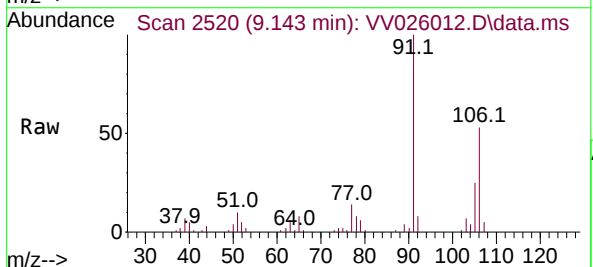
Acq: 08 Jun 2022 10:42

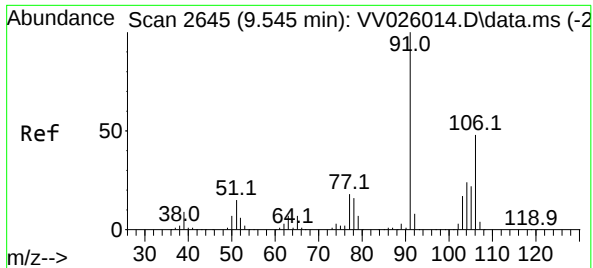
Tgt Ion: 106 Resp: 13854

Ion Ratio Lower Upper

106 100

91 187.8 140.4 260.8

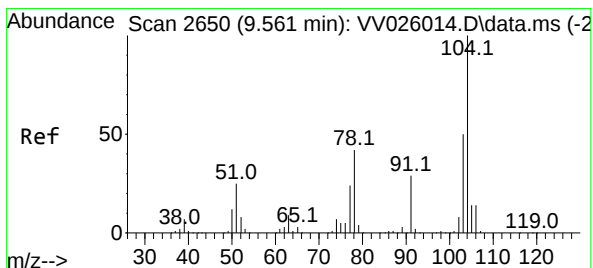
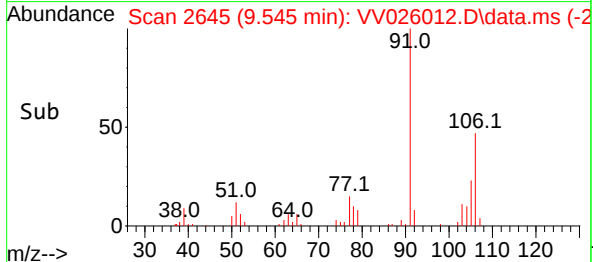
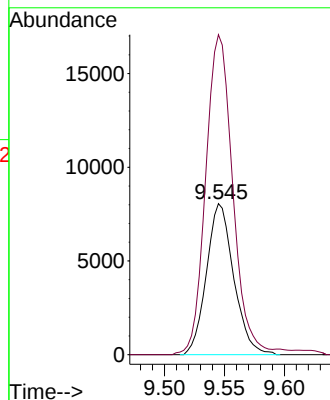
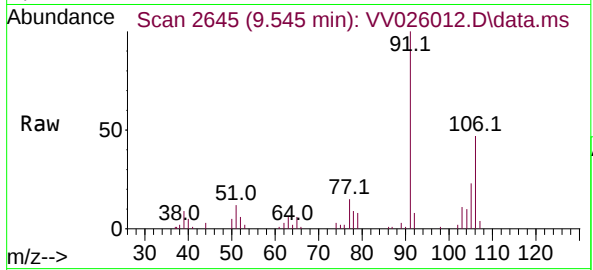




#54
o-Xylene
Concen: 0.443 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

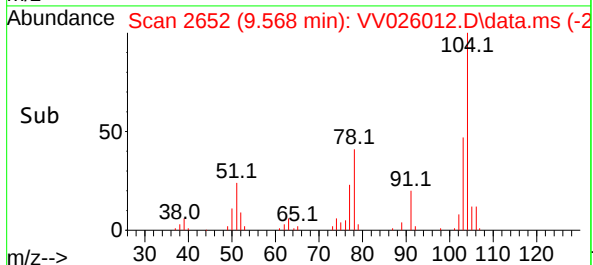
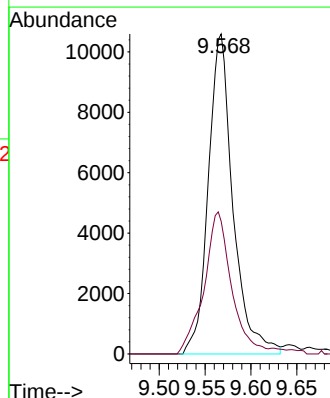
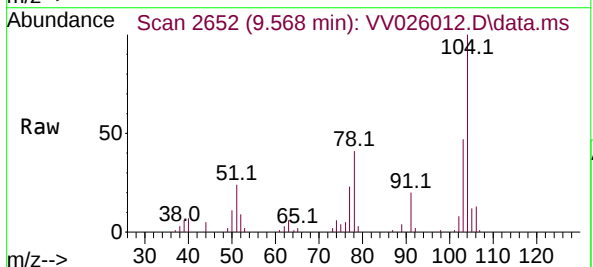
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

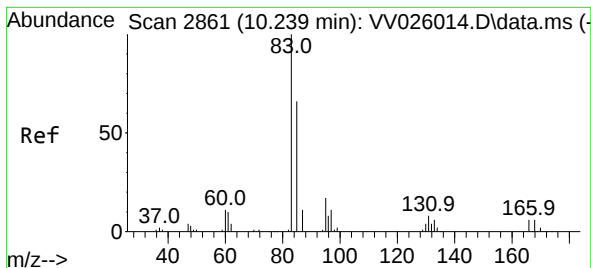
Tgt Ion:106 Resp: 12722
Ion Ratio Lower Upper
106 100
91 211.9 145.4 270.0



#55
Styrene
Concen: 0.404 ug/L
RT: 9.568 min Scan# 2652
Delta R.T. 0.007 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion:104 Resp: 19786
Ion Ratio Lower Upper
104 100
78 41.4 29.1 54.1

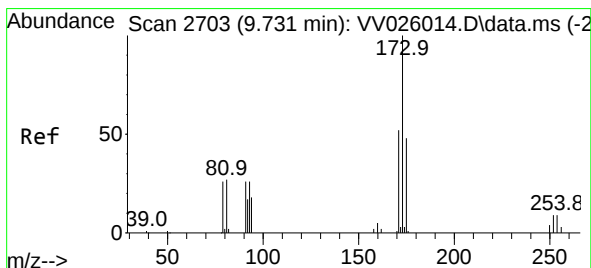
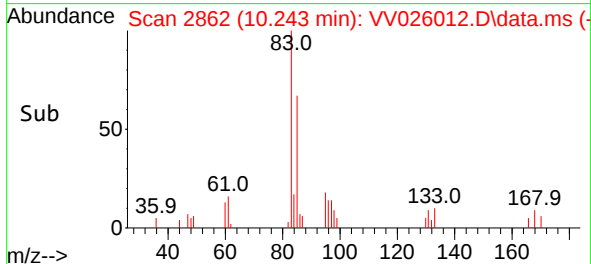
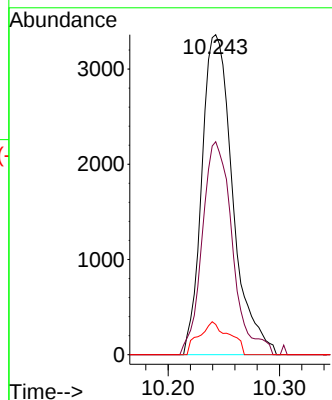
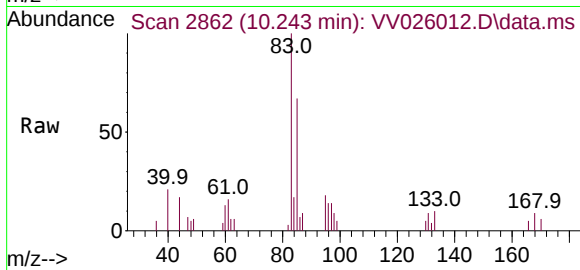




#57
1,1,2,2-Tetrachloroethane
Concen: 0.505 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

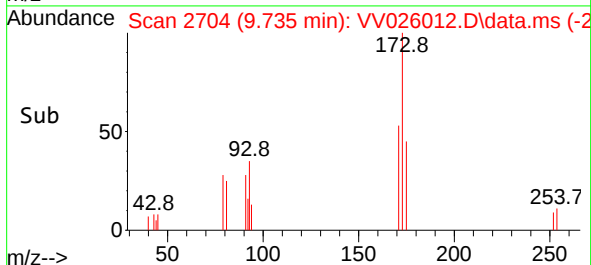
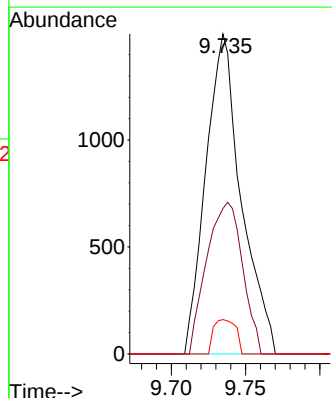
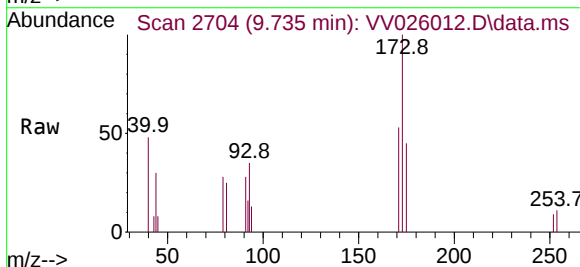
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

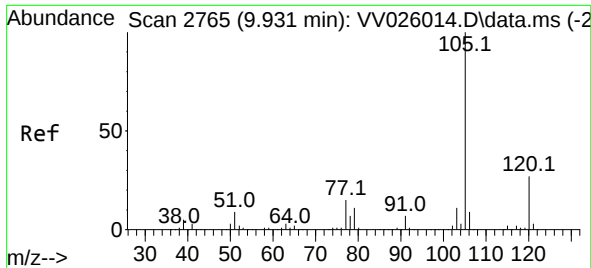
Tgt Ion: 83	Resp:	6473
Ion Ratio	Lower	Upper
83	100	
85	66.6	46.4 86.2
131	9.4	7.1 10.7



#59
Bromoform
Concen: 0.491 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 173	Resp:	2478
Ion Ratio	Lower	Upper
173	100	
175	48.0	38.8 58.2
254	6.7	6.9 10.3

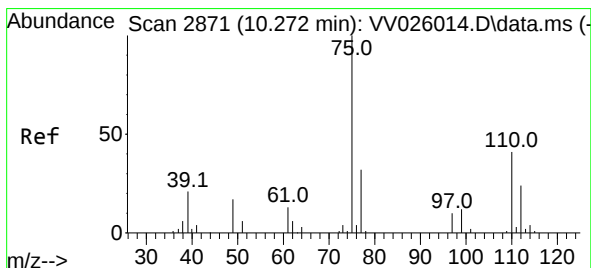
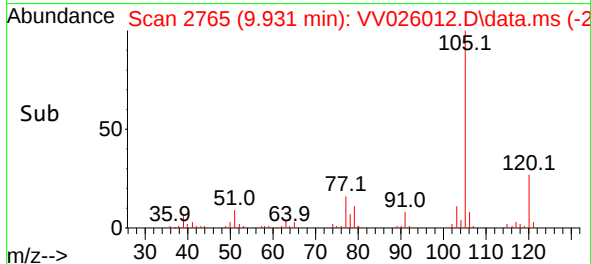
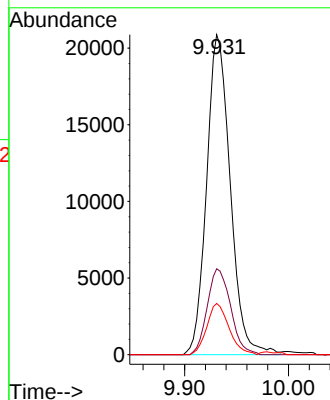
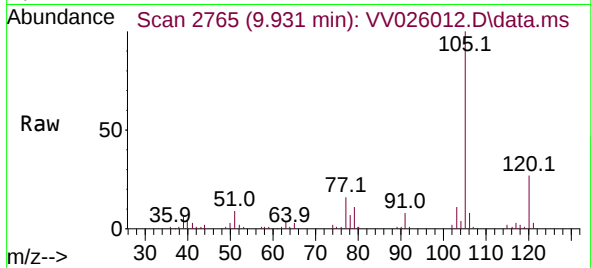




#60
Isopropylbenzene
Concen: 0.482 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

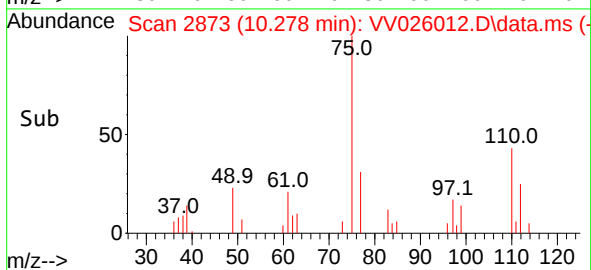
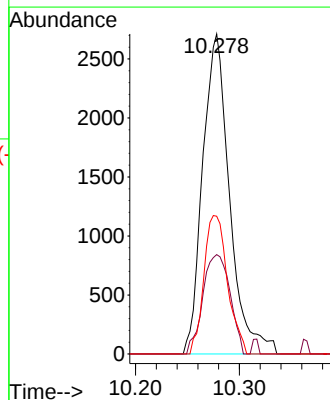
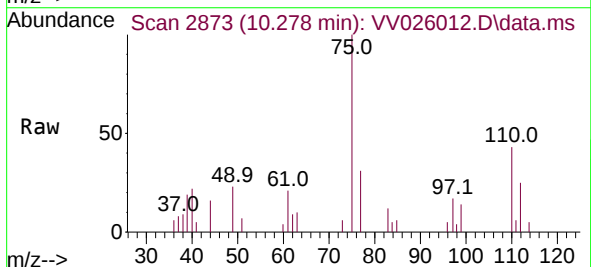
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

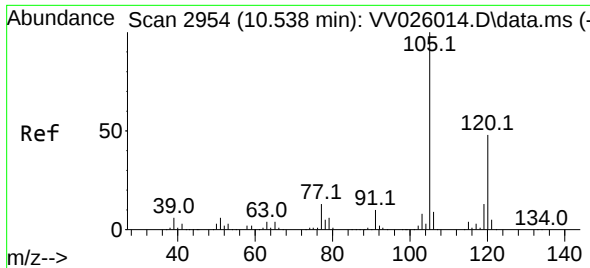
Tgt Ion:105 Resp: 33016
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 15.0 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 0.587 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.007 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion: 75 Resp: 4875
Ion Ratio Lower Upper
75 100
77 31.4 26.6 40.0
110 37.9 32.0 48.0

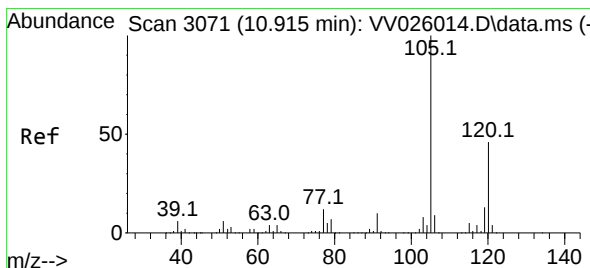
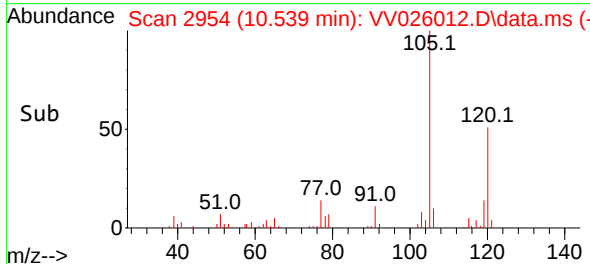
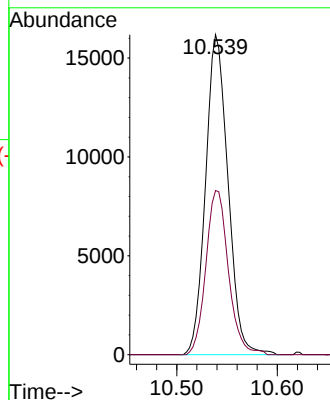
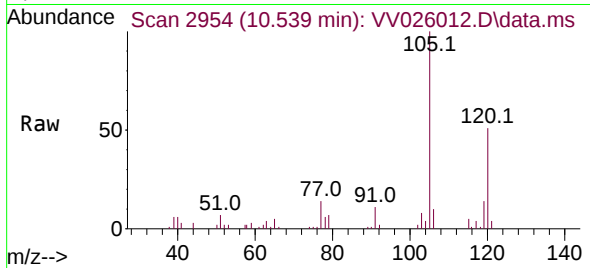




#62
1,3,5-Trimethylbenzene
Concen: 0.467 ug/L
RT: 10.539 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

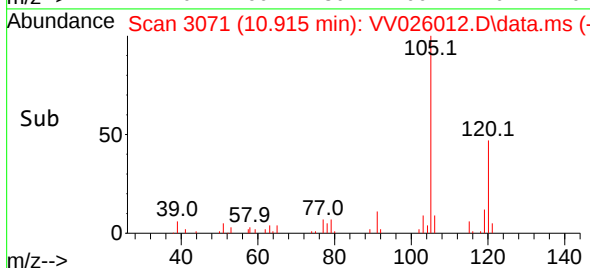
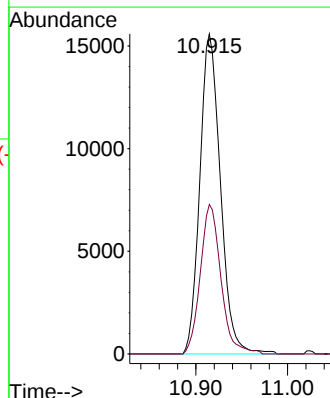
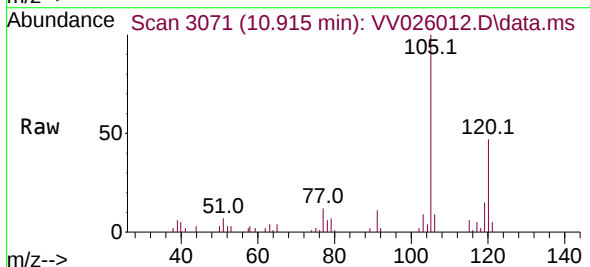
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

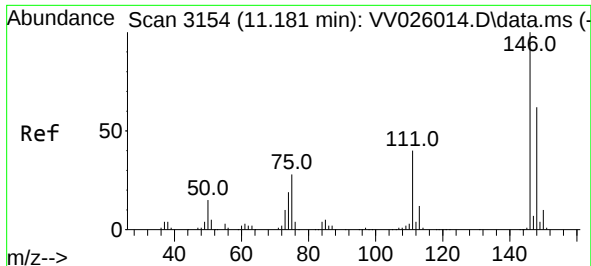
Tgt Ion:105 Resp: 25090
Ion Ratio Lower Upper
105 100
120 51.6 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 0.451 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion:105 Resp: 24353
Ion Ratio Lower Upper
105 100
120 46.6 36.7 55.1

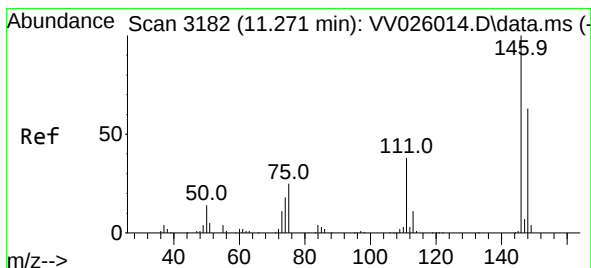
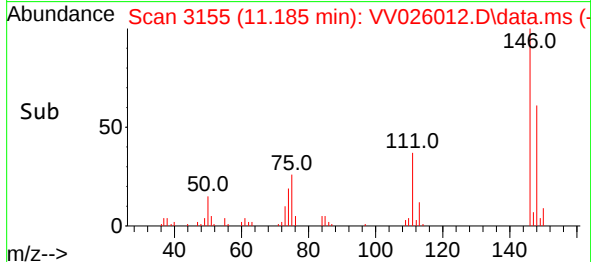
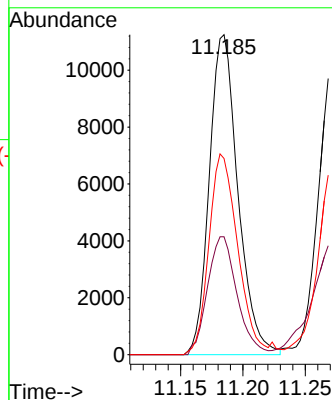
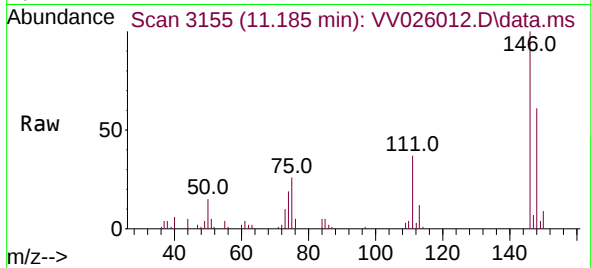




#64
1,3-Dichlorobenzene
Concen: 0.542 ug/L
RT: 11.185 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

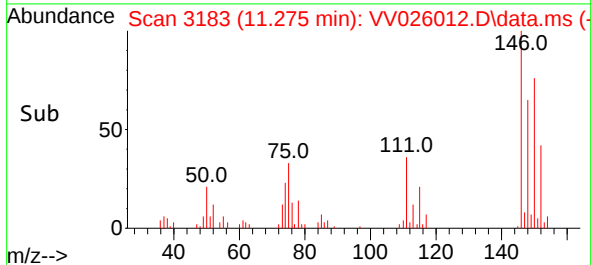
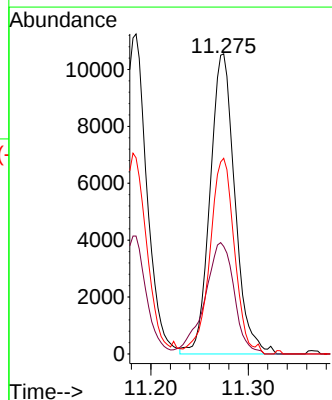
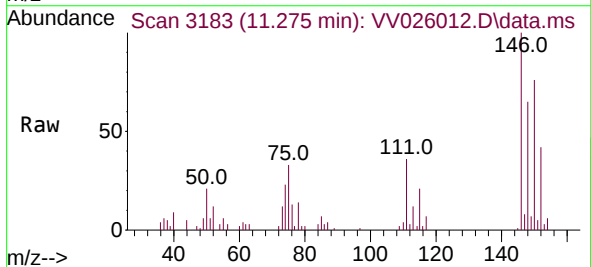
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

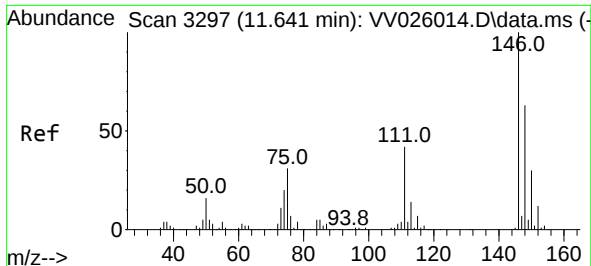
Tgt Ion:146 Resp: 17987
Ion Ratio Lower Upper
146 100
111 36.9 27.9 51.9
148 61.3 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 0.555 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion:146 Resp: 18721
Ion Ratio Lower Upper
146 100
111 35.8 27.1 50.3
148 65.2 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 0.543 ug/L

RT: 11.645 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

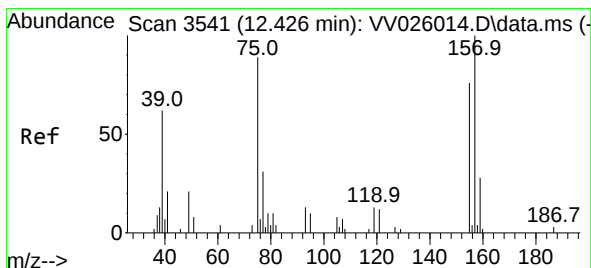
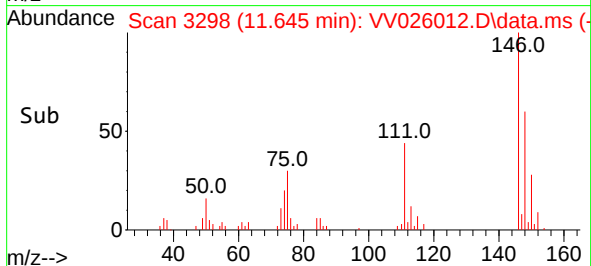
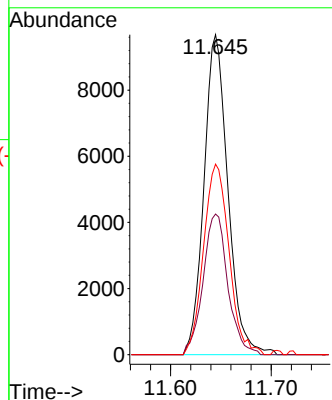
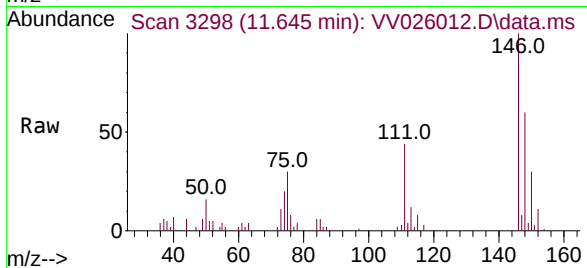
Tgt Ion:146 Resp: 16003

Ion Ratio Lower Upper

146 100

111 44.0 33.9 50.9

148 59.6 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 0.500 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

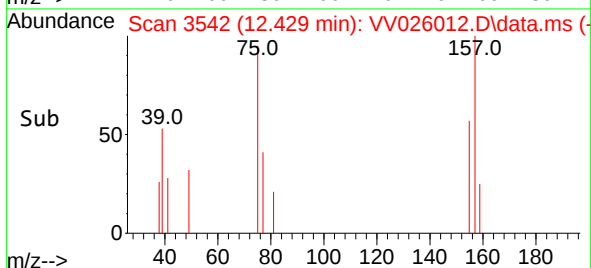
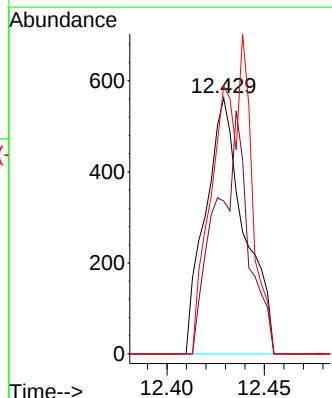
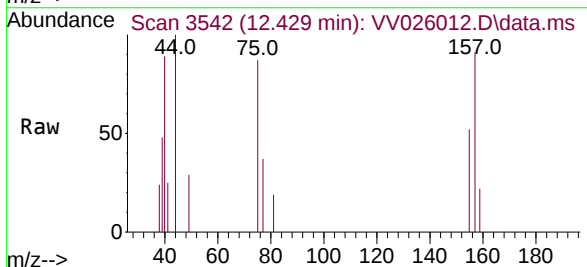
Tgt Ion: 75 Resp: 781

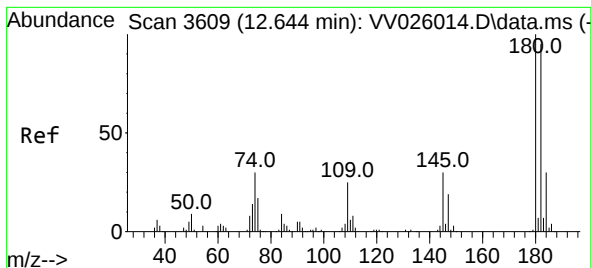
Ion Ratio Lower Upper

75 100

155 59.8 68.0 102.0#

157 104.8 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 0.550 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5255

Tgt Ion:180 Resp: 13078

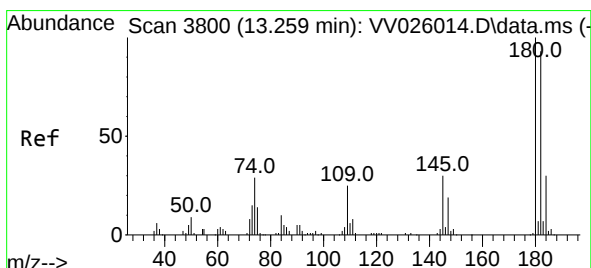
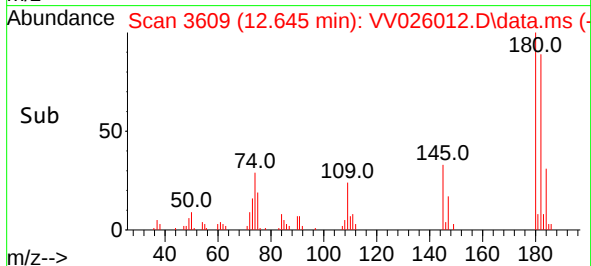
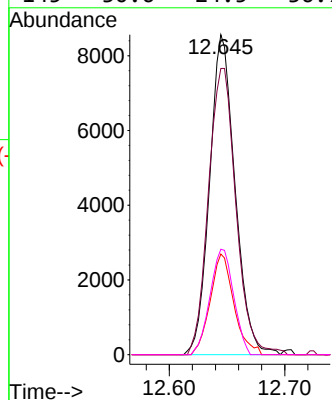
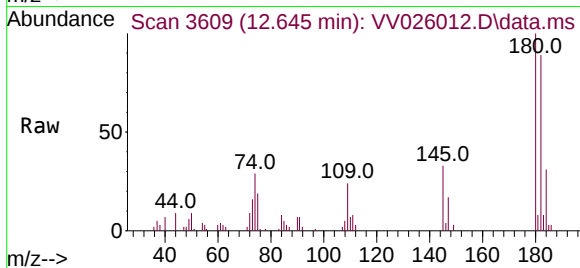
Ion Ratio Lower Upper

180 100

182 96.8 76.3 114.5

184 29.4 24.0 36.0

145 30.6 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 0.526 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV026012.D

Acq: 08 Jun 2022 10:42

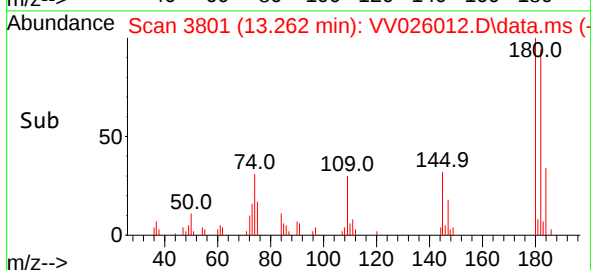
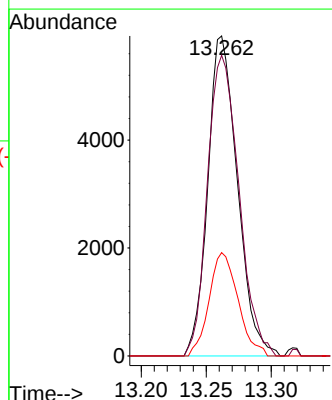
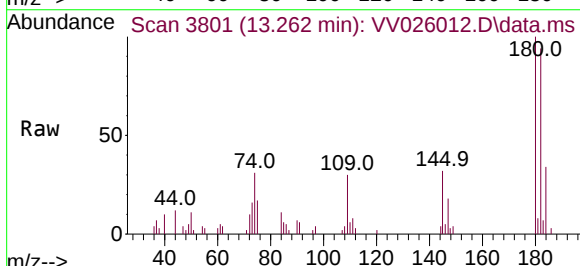
Tgt Ion:180 Resp: 9407

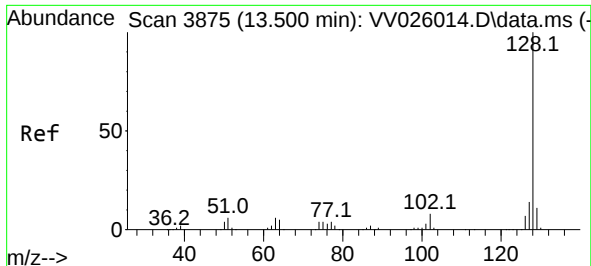
Ion Ratio Lower Upper

180 100

182 99.7 74.2 111.4

145 31.5 24.1 36.1

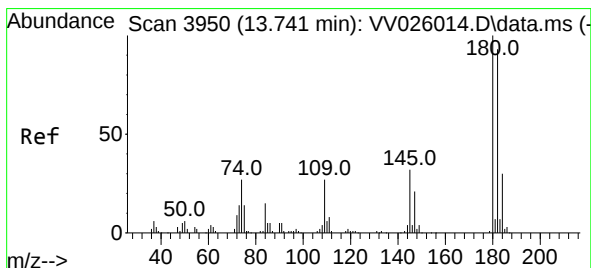
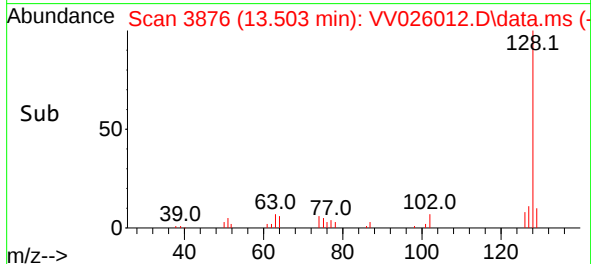
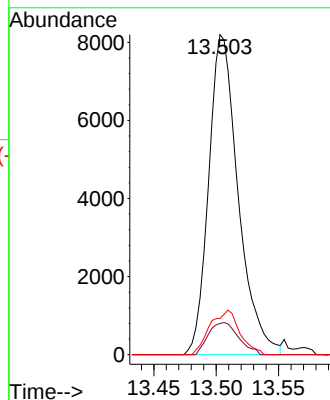
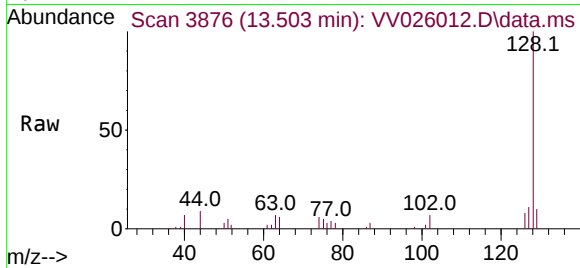




#71
Naphthalene
Concen: 0.513 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5255

Tgt Ion:128	Resp:	13537
Ion Ratio	Lower	Upper
128	100	
129	10.2	8.7 13.1
127	14.0	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 0.536 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026012.D
Acq: 08 Jun 2022 10:42

Tgt Ion:180	Resp:	8245
Ion Ratio	Lower	Upper
180	100	
182	91.5	74.0 111.0
145	32.3	25.5 38.3

