

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027740.D
 Acq On : 06 Sep 2022 13:45
 Operator : SY/MD
 Sample : VSTD0.527
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

Quant Time: Sep 07 05:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	180205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	147875	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68936	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	4948	0.278	ug/L	0.00
7) Chloroethane-d5	1.558	69	4326	0.287	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	10721	0.296	ug/L	0.00
20) 2-Butanone-d5	4.088	46	218	0.066	ug/L	0.14
24) Chloroform-d	4.352	84	9919	0.271	ug/L	0.01
26) 1,2-Dichloroethane-d4	5.021	65	6430	0.384	ug/L	0.00
32) Benzene-d6	5.034	84	19509	0.336	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.066	67	5939	0.325	ug/L	0.00
41) Toluene-d8	7.333	98	14342	0.288	ug/L	0.03
43) trans-1,3-Dichloroprop...	7.648	79	1767	0.320	ug/L	0.03
46) 2-Hexanone-d5	8.124	63	5345	2.586	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.220	84	3483	0.304	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	5700	0.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7618	0.333	ug/L	100
3) Chloromethane	1.230	50	6975	0.320	ug/L	92
5) Vinyl chloride	1.301	62	6705	0.321	ug/L	84
6) Bromomethane	1.513	94	3990	0.398	ug/L	92
8) Chloroethane	1.574	64	3782	0.319	ug/L	97
9) Trichlorofluoromethane	1.741	101	10818	0.372	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	5575	0.355	ug/L	96
12) 1,1-Dichloroethene	2.108	96	5128	0.352	ug/L	92
13) Acetone	2.236	43	10281	4.652	ug/L	67
14) Carbon disulfide	2.278	76	16356	0.358	ug/L	97
15) Methyl Acetate	2.445	43	2329	0.388	ug/L #	77
16) Methylene chloride	2.497	84	11197	0.626	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	12600	0.398	ug/L	97
18) trans-1,2-Dichloroethene	2.744	96	5450	0.338	ug/L	92
19) 1,1-Dichloroethane	3.178	63	10439	0.331	ug/L	90
21) 2-Butanone	3.883	43	393	0.130	ug/L	75
22) cis-1,2-Dichloroethene	3.918	96	6116	0.370	ug/L #	87
23) Bromochloromethane	4.249	128	2375	0.332	ug/L	90
25) Chloroform	4.378	83	11602	0.346	ug/L	95
27) 1,2-Dichloroethane	5.124	62	7028	0.375	ug/L #	89
29) 1,1,1-Trichloroethane	4.600	97	10246	0.403	ug/L	97
30) Cyclohexane	4.654	56	9205	0.429	ug/L	90
31) Carbon tetrachloride	4.809	117	8655	0.398	ug/L	95
33) Benzene	5.079	78	22905	0.408	ug/L	100
34) Trichloroethene	5.895	95	5791	0.410	ug/L	94
35) Methylcyclohexane	6.111	83	7561	0.345	ug/L	94
37) 1,2-Dichloropropane	6.172	63	5404	0.377	ug/L	99
38) Bromodichloromethane	6.529	83	6998	0.386	ug/L	96
39) cis-1,3-Dichloropropene	7.050	75	6097	0.354	ug/L	86
40) 4-Methyl-2-pentanone	7.265	43	22103	3.565	ug/L	95
42) Toluene	7.407	91	19123	0.343	ug/L	90
44) trans-1,3-Dichloropropene	7.673	75	4884	0.348	ug/L	90

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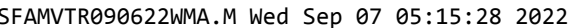
Quant Time: Sep 07 05:15:18 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 05:11:44 2022
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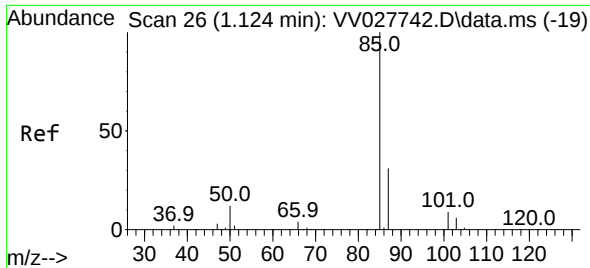
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.860	97	3137	0.345	ug/L	96
47) Tetrachloroethene	7.985	164	4466	0.396	ug/L	92
48) 2-Hexanone	8.169	43	13796	2.965	ug/L #	91
49) Dibromochloromethane	8.259	129	4292	0.395	ug/L	95
50) 1,2-Dibromoethane	8.365	107	2895	0.354	ug/L #	79
51) Chlorobenzene	8.892	112	13692	0.386	ug/L	98
52) Ethylbenzene	9.021	91	20027	0.352	ug/L	95
53) m,p-Xylene	9.143	106	7622	0.346	ug/L	87
54) o-Xylene	9.548	106	7036	0.335	ug/L	90
55) Styrene	9.567	104	11419	0.319	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.246	83	3643	0.364	ug/L	98
59) Bromoform	9.734	173	2045	0.424	ug/L #	92
60) Isopropylbenzene	9.934	105	18805	0.366	ug/L	99
61) 1,2,3-Trichloropropane	10.281	75	2852	0.426	ug/L	95
62) 1,3,5-Trimethylbenzene	10.542	105	5370	0.378	ug/L	93
63) 1,2,4-Trimethylbenzene	10.914	105	14606	0.362	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	10275	0.416	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	10796	0.438	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	9460	0.426	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	533	0.396	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	7705	0.430	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6809	0.511	ug/L	94
71) Naphthalene	13.503	128	13307	0.636	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	6086	0.506	ug/L	98

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

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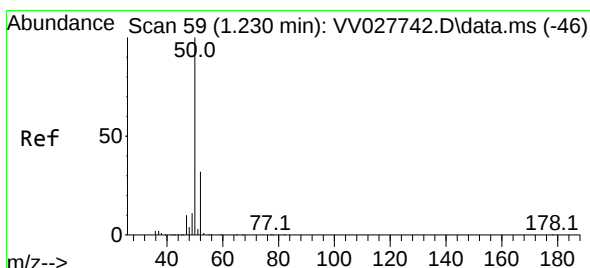
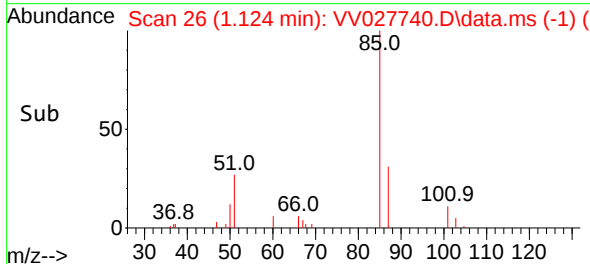
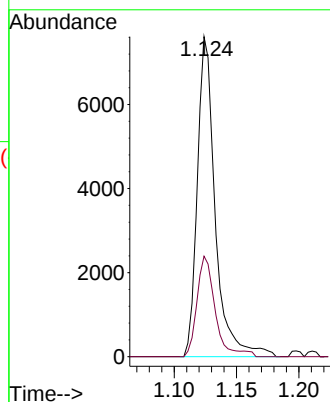
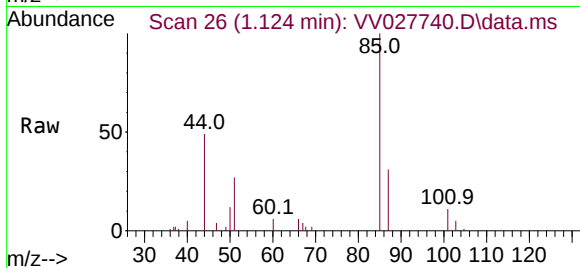




#2
 Dichlorodifluoromethane
 Concen: 0.333 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

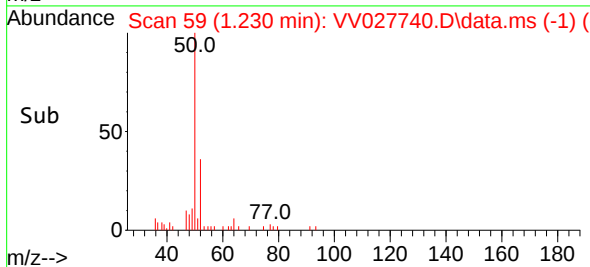
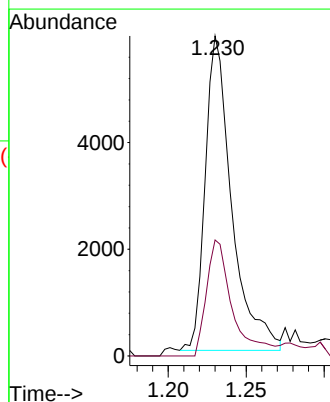
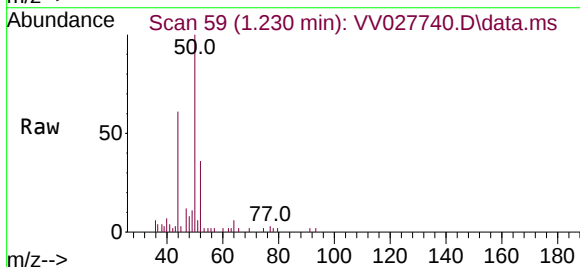
Instrument :
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 ClientSampleId :
 VSTD0.5227

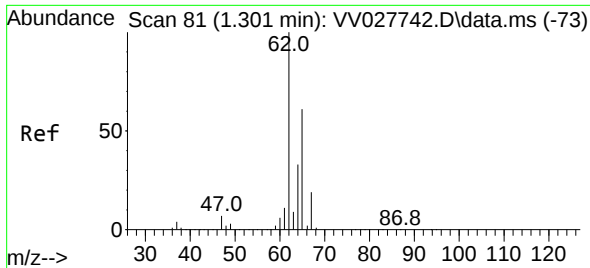
Tgt Ion: 85 Resp: 7618
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.4 38.0



#3
 Chloromethane
 Concen: 0.320 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion: 50 Resp: 6975
 Ion Ratio Lower Upper
 50 100
 52 36.3 22.1 41.1

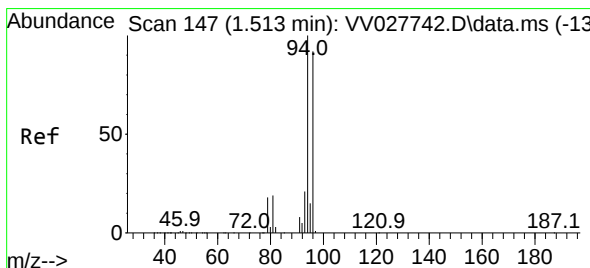
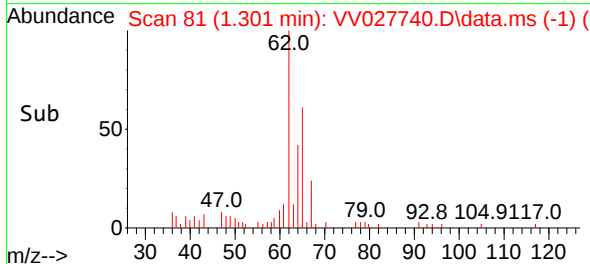
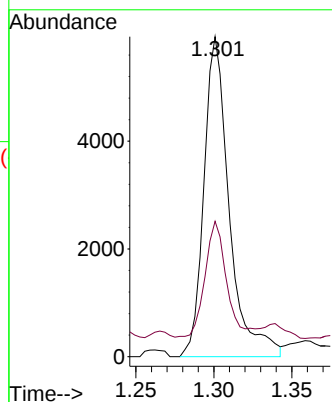
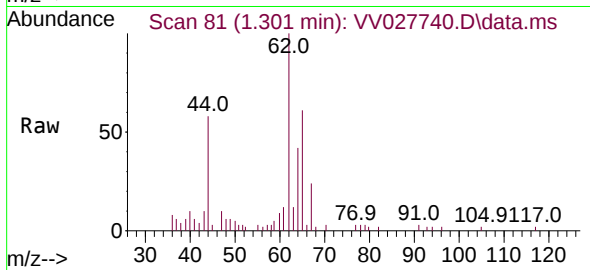




#5
 Vinyl chloride
 Concen: 0.321 ug/L
 RT: 1.301 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

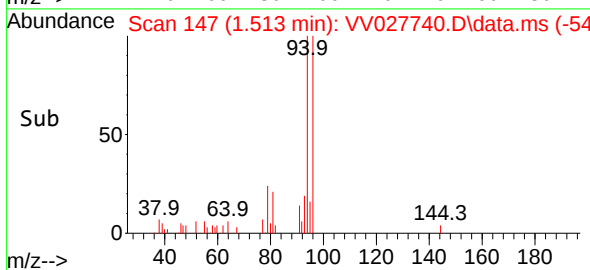
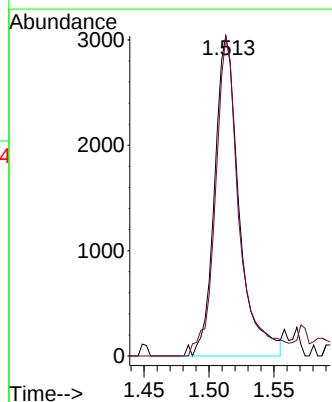
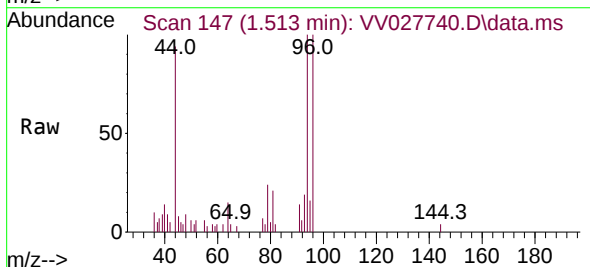
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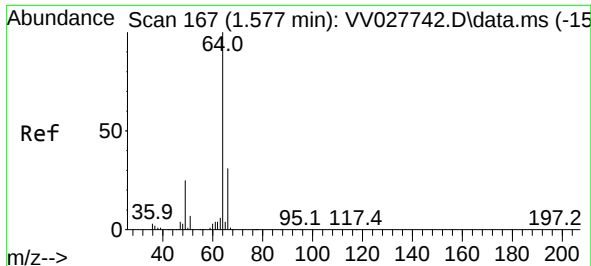
Tgt Ion: 62 Resp: 6705
 Ion Ratio Lower Upper
 62 100
 64 42.3 23.2 43.2



#6
 Bromomethane
 Concen: 0.398 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion: 94 Resp: 3990
 Ion Ratio Lower Upper
 94 100
 96 99.6 64.2 119.2

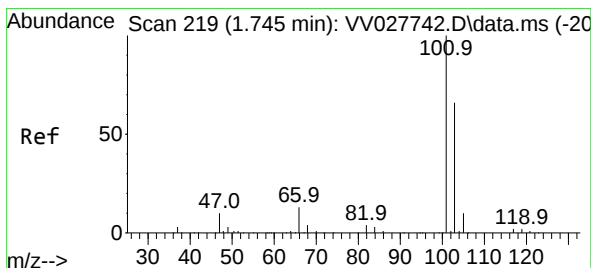
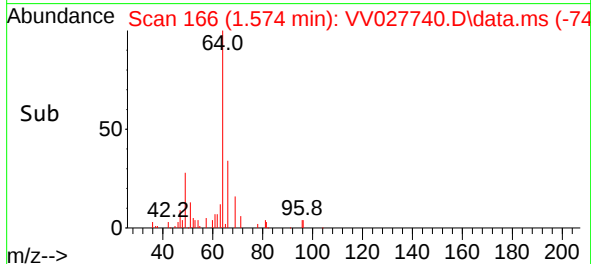
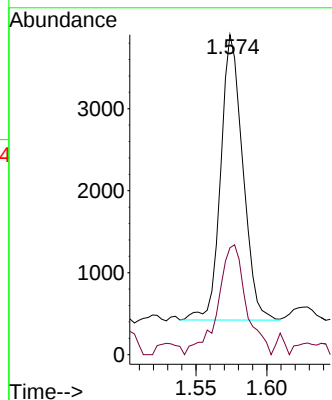
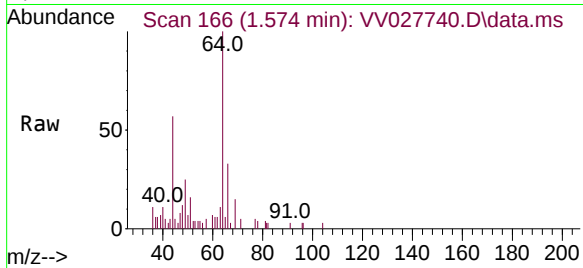




#8
Chloroethane
Concen: 0.319 ug/L
RT: 1.574 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

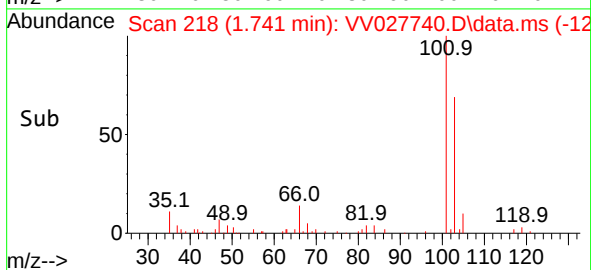
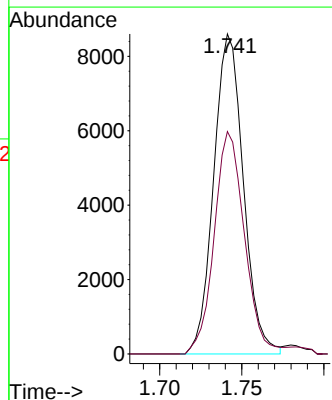
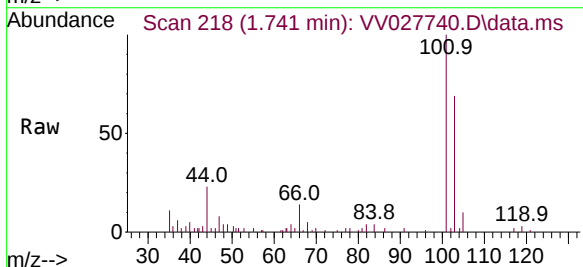
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ClientSampleId :
VSTD0.5227

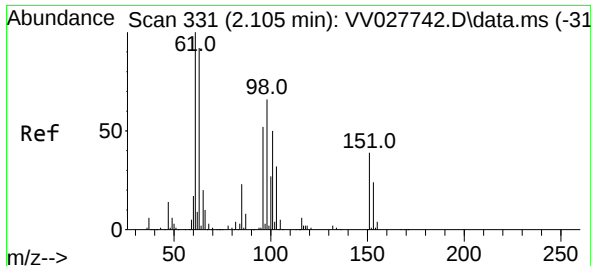
Tgt Ion: 64 Resp: 3782
Ion Ratio Lower Upper
64 100
66 33.4 22.1 41.1



#9
Trichlorofluoromethane
Concen: 0.372 ug/L
RT: 1.741 min Scan# 218
Delta R.T. -0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 101 Resp: 10818
Ion Ratio Lower Upper
101 100
103 70.9 52.3 78.5

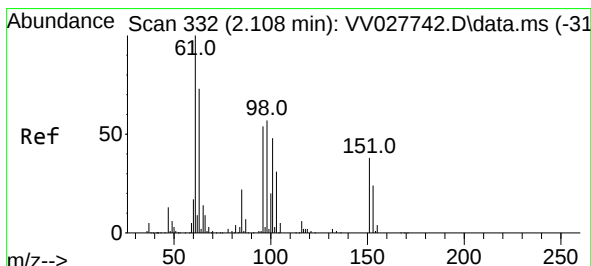
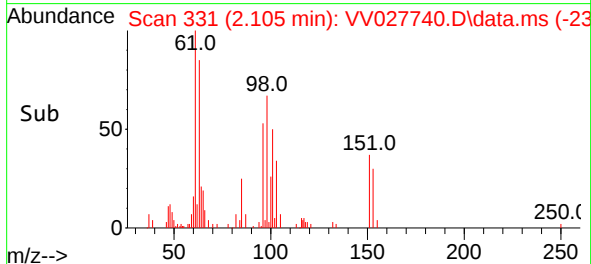
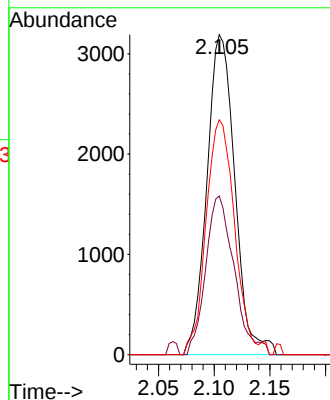
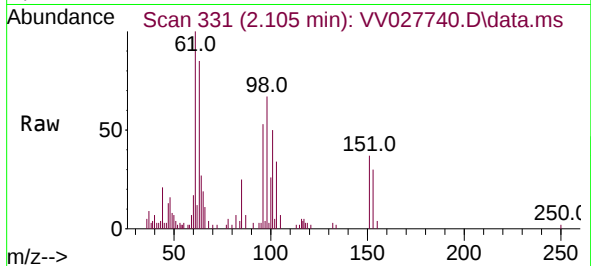




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.355 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

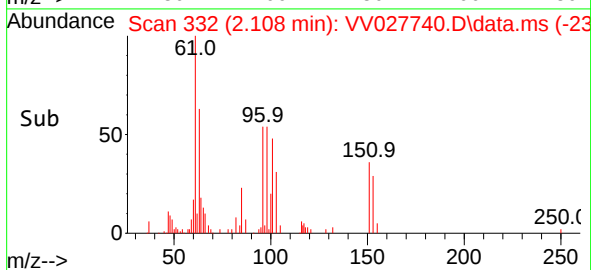
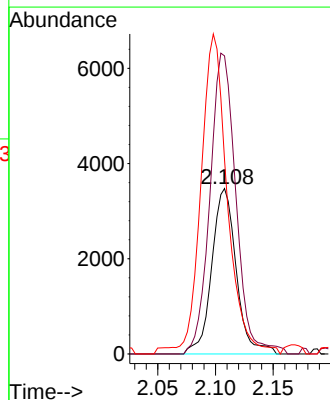
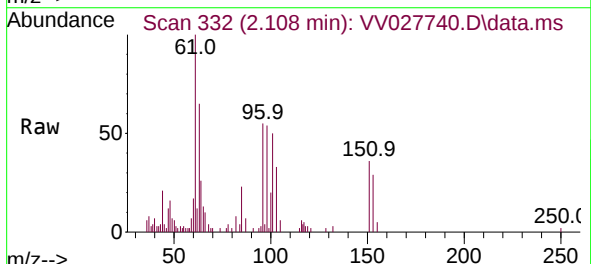
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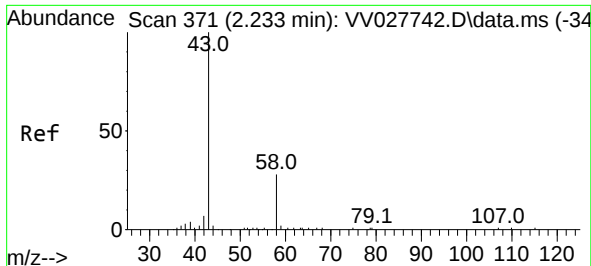
Tgt Ion:	101	Resp:	5575
Ion	Ratio	Lower	Upper
101	100		
85	50.5	35.8	53.8
151	75.3	61.2	91.8



#12
 1,1-Dichloroethene
 Concen: 0.352 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.000 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion:	96	Resp:	5128
Ion	Ratio	Lower	Upper
96	100		
61	180.3	129.9	241.3
63	117.6	94.6	175.8





#13

Acetone

Concen: 4.652 ug/L

RT: 2.236 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

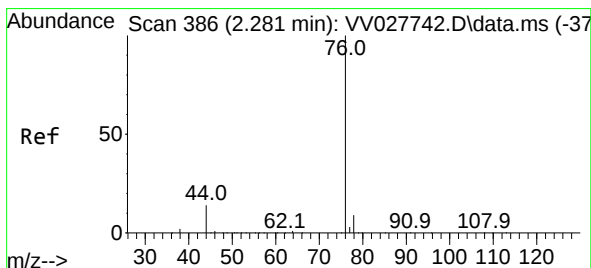
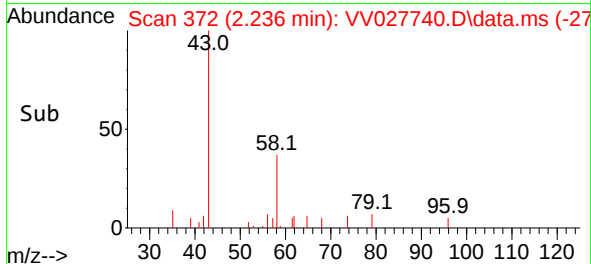
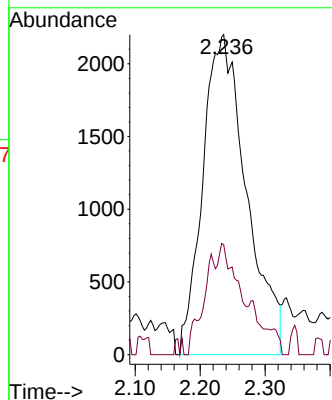
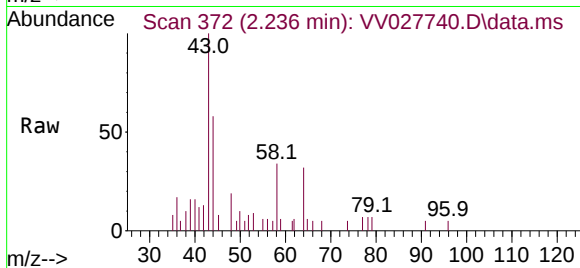
VSTD0.5227

Tgt Ion: 43 Resp: 10281

Ion Ratio Lower Upper

43 100

58 8.3 0.0 49.4



#14

Carbon disulfide

Concen: 0.358 ug/L

RT: 2.278 min Scan# 385

Delta R.T. -0.003 min

Lab File: VV027740.D

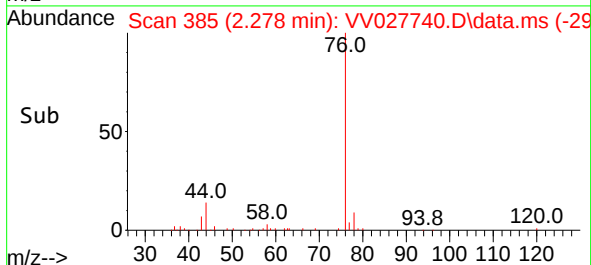
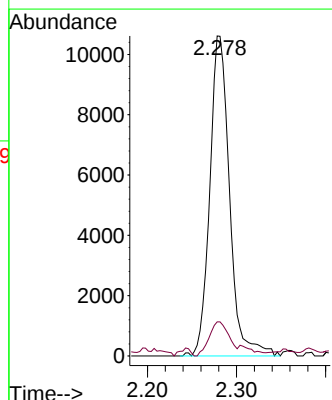
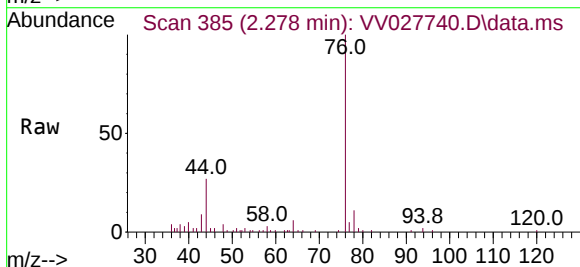
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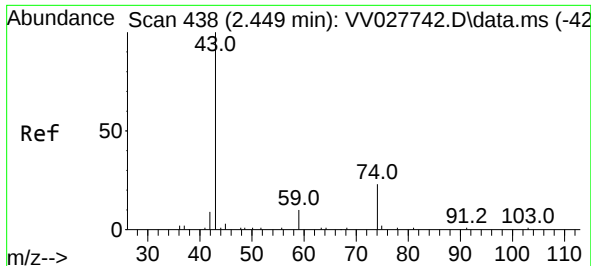
Tgt Ion: 76 Resp: 16356

Ion Ratio Lower Upper

76 100

78 10.6 7.7 11.5

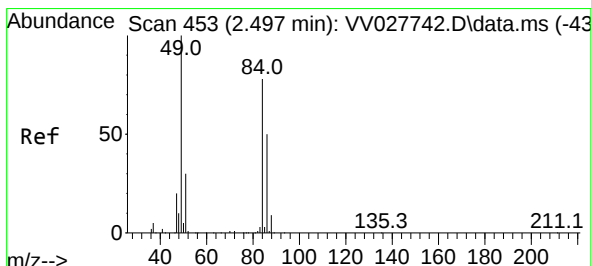
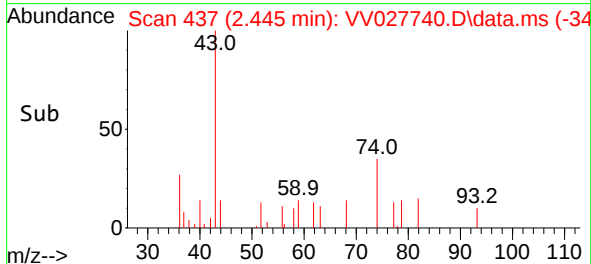
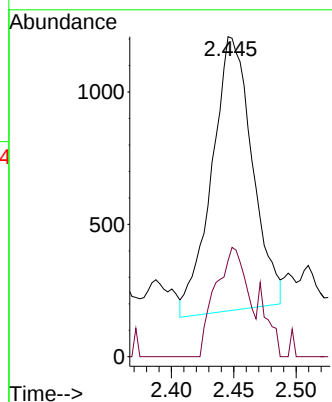
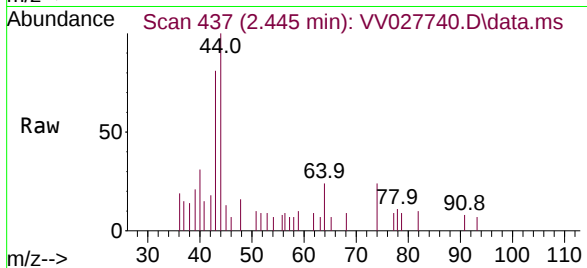




#15
Methyl Acetate
Concen: 0.388 ug/L
RT: 2.445 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

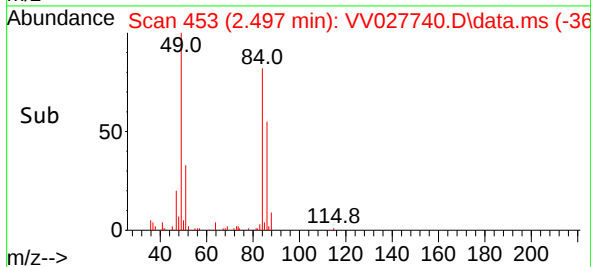
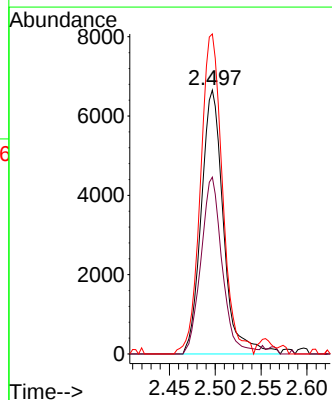
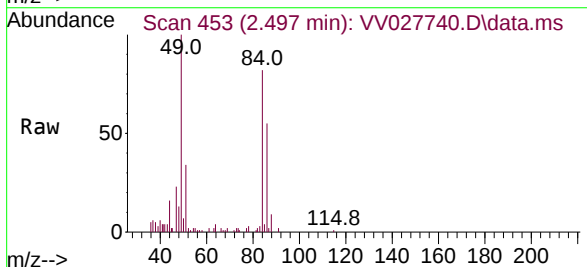
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

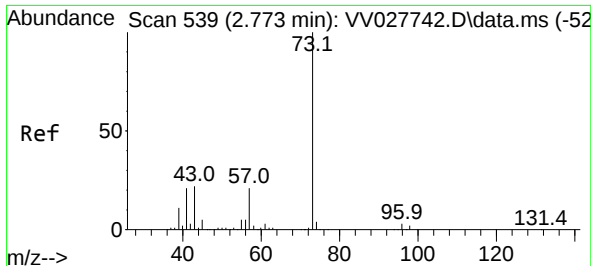
Tgt Ion: 43 Resp: 2329
Ion Ratio Lower Upper
43 100
74 31.7 16.6 25.0#



#16
Methylene chloride
Concen: 0.626 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.000 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 84 Resp: 11197
Ion Ratio Lower Upper
84 100
86 67.0 44.9 83.3
49 121.3 90.1 167.3





#17

Methyl tert-butyl Ether

Concen: 0.398 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

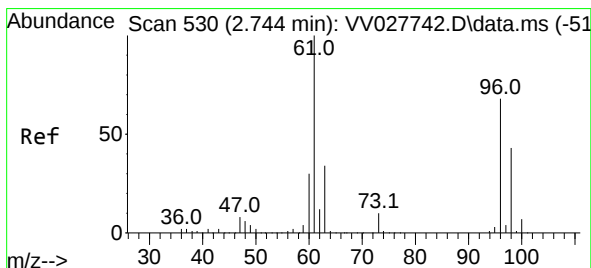
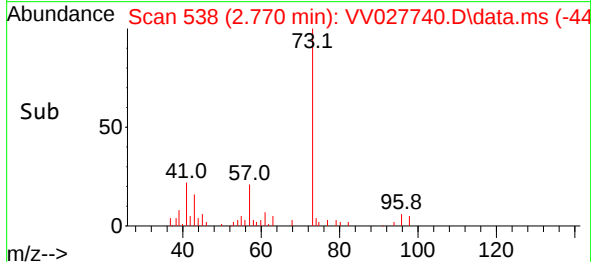
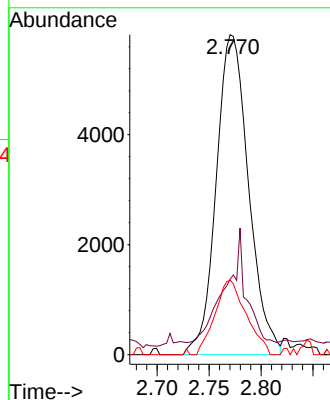
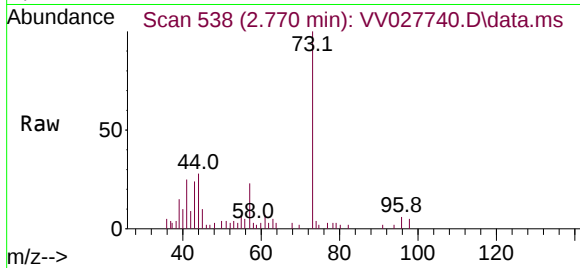
Tgt Ion: 73 Resp: 12600

Ion Ratio Lower Upper

73 100

43 23.6 17.5 26.3

57 22.5 16.9 25.3



#18

trans-1,2-Dichloroethene

Concen: 0.338 ug/L

RT: 2.744 min Scan# 530

Delta R.T. -0.000 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

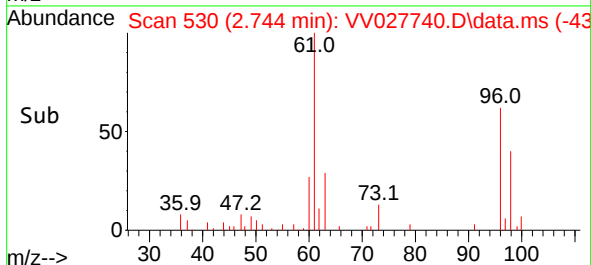
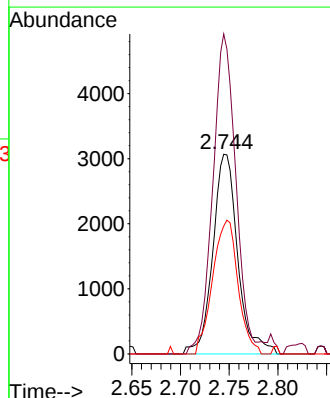
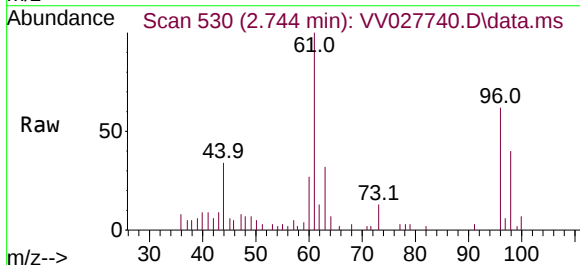
Tgt Ion: 96 Resp: 5450

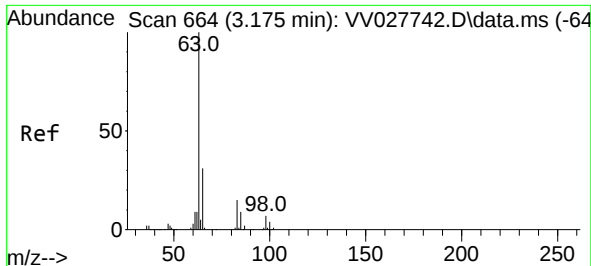
Ion Ratio Lower Upper

96 100

61 160.3 102.6 190.5

98 64.0 44.0 81.8





#19

1,1-Dichloroethane

Concen: 0.331 ug/L

RT: 3.178 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

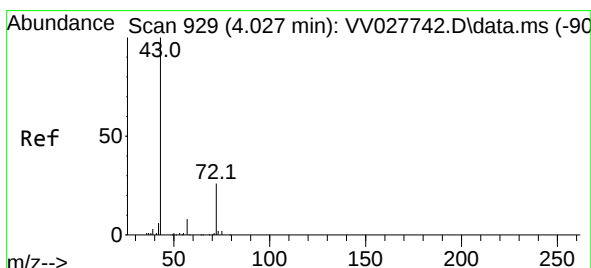
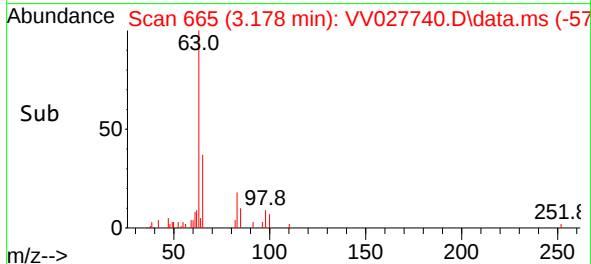
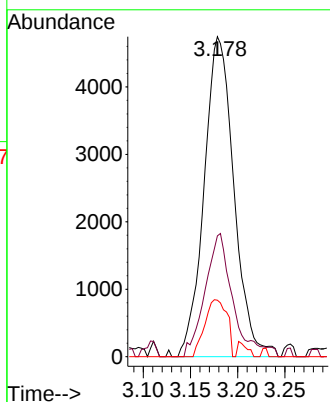
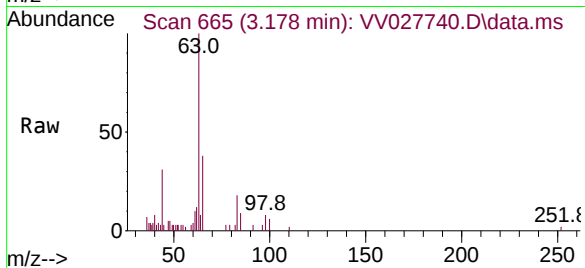
Tgt Ion: 63 Resp: 10439

Ion Ratio Lower Upper

63 100

65 37.8 22.0 41.0

83 17.7 10.1 18.9



#21

2-Butanone

Concen: 0.130 ug/L

RT: 3.883 min Scan# 884

Delta R.T. -0.145 min

Lab File: VV027740.D

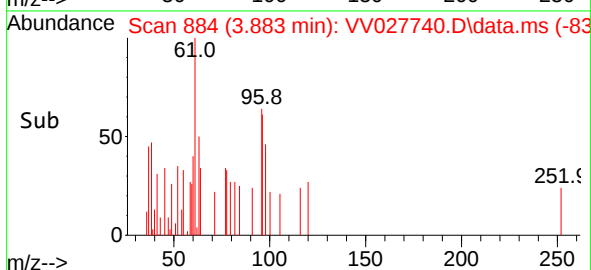
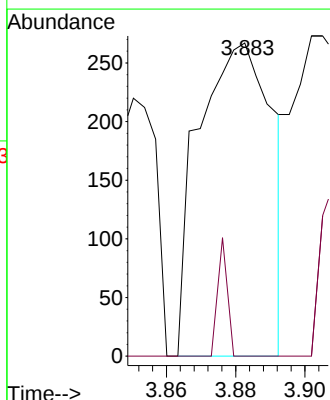
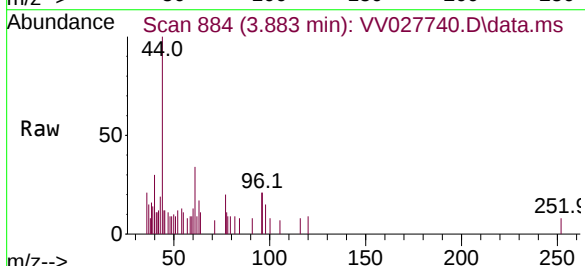
Acq: 06 Sep 2022 13:45

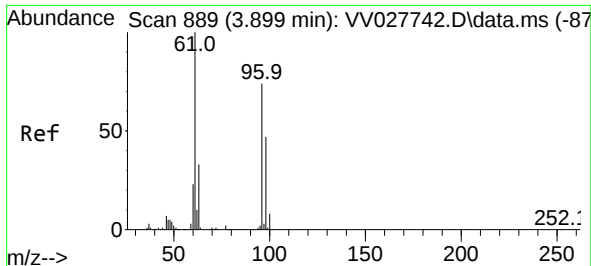
Tgt Ion: 43 Resp: 393

Ion Ratio Lower Upper

43 100

72 13.2 13.0 39.0

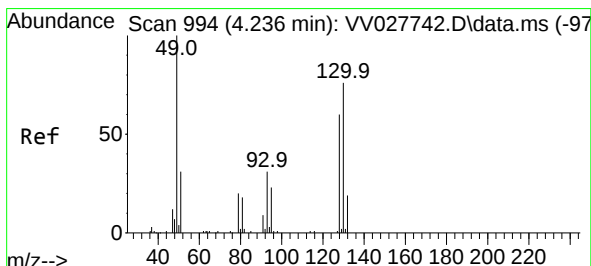
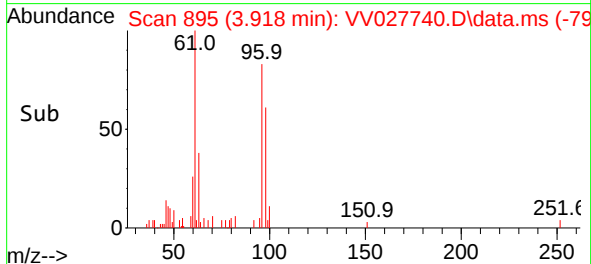
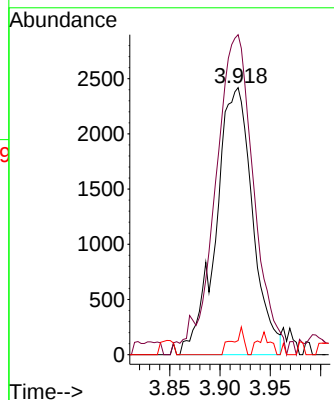
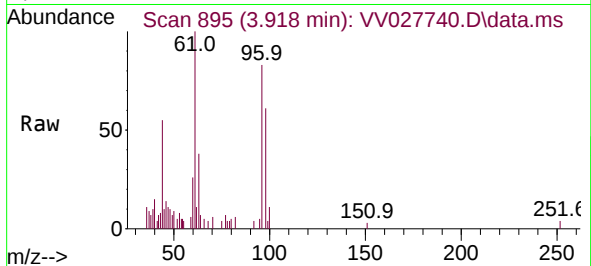




#22
 cis-1,2-Dichloroethene
 Concen: 0.370 ug/L
 RT: 3.918 min Scan# 895
 Delta R.T. 0.019 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

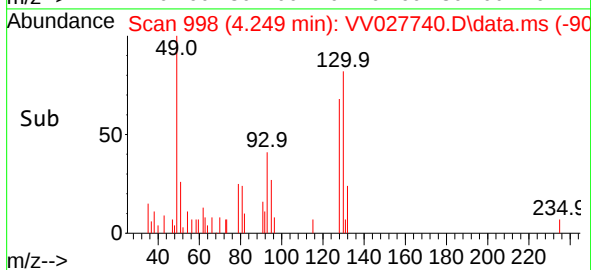
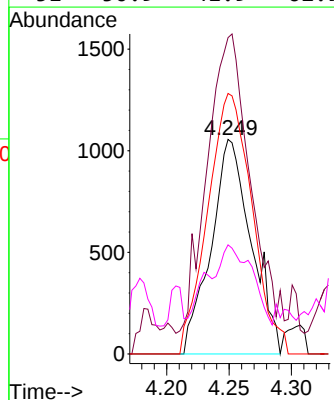
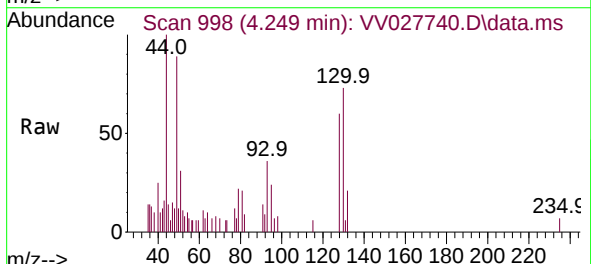
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

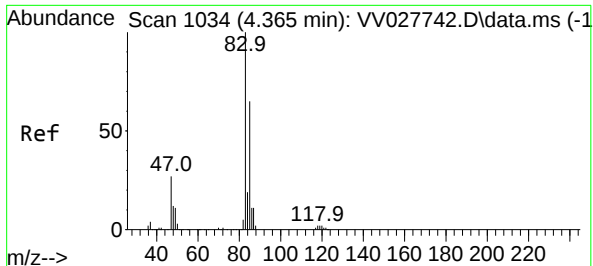
Tgt Ion: 96 Resp: 6116
 Ion Ratio Lower Upper
 96 100
 61 119.8 94.6 175.6
 68 5.3 0.3 0.5#



#23
 Bromochloromethane
 Concen: 0.332 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.013 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion: 128 Resp: 2375
 Ion Ratio Lower Upper
 128 100
 49 147.4 118.4 219.8
 130 121.4 89.2 165.6
 51 50.9 41.9 62.9





#25

Chloroform

Concen: 0.346 ug/L

RT: 4.378 min Scan# 11602

Delta R.T. 0.013 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

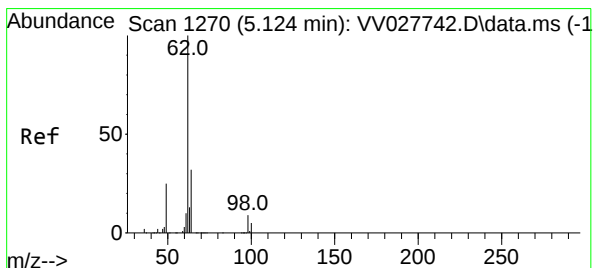
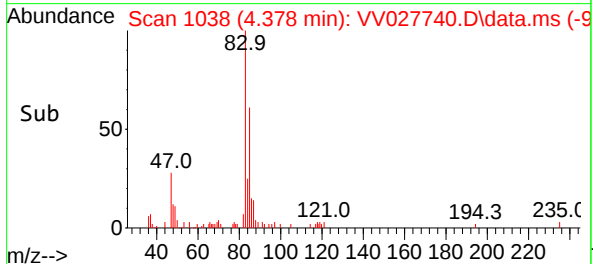
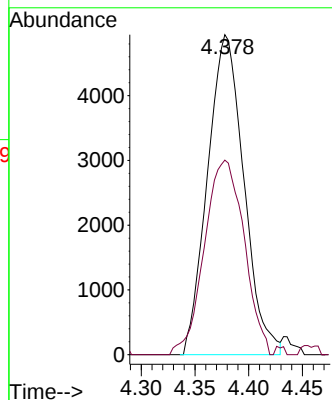
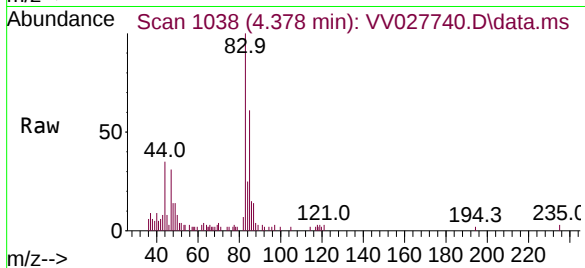
VSTD0.5227

Tgt Ion: 83 Resp: 11602

Ion Ratio Lower Upper

83 100

85 60.8 45.4 84.2



#27

1,2-Dichloroethane

Concen: 0.375 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV027740.D

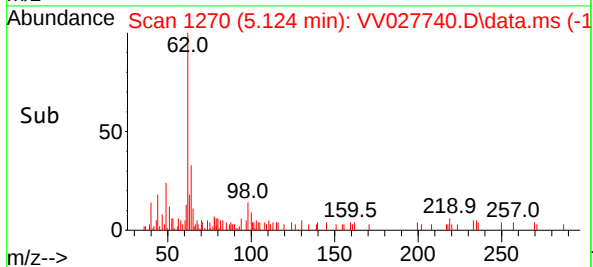
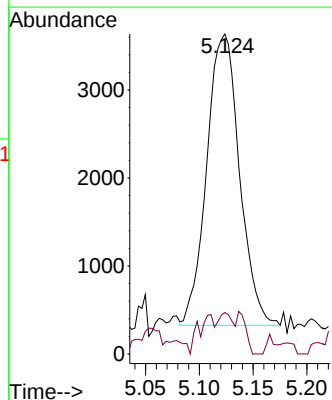
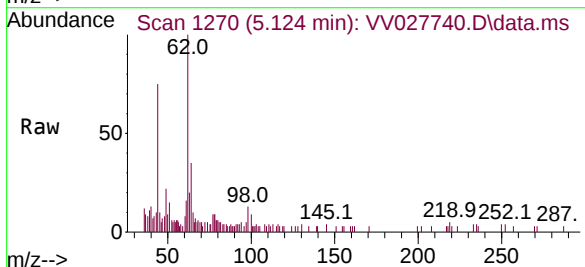
Acq: 06 Sep 2022 13:45

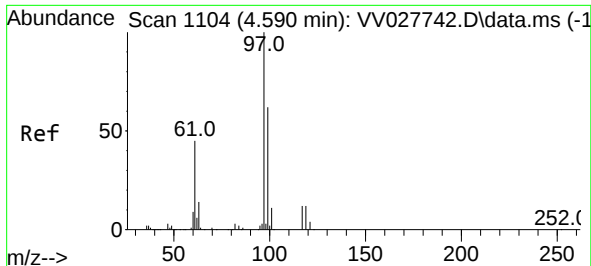
Tgt Ion: 62 Resp: 7028

Ion Ratio Lower Upper

62 100

98 13.0 7.1 10.7#





#29

1,1,1-Trichloroethane

Concen: 0.403 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. 0.010 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

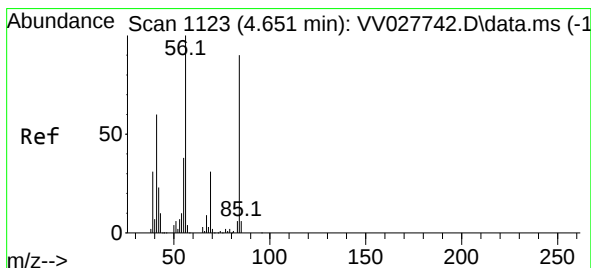
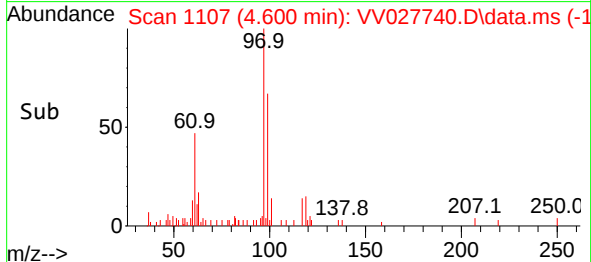
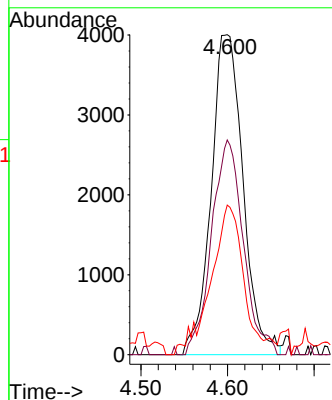
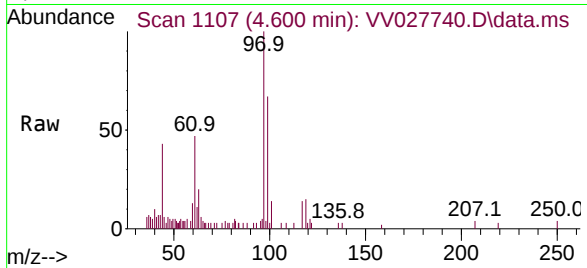
Tgt Ion: 97 Resp: 10246

Ion Ratio Lower Upper

97 100

99 66.8 50.8 76.2

61 46.9 36.2 54.4



#30

Cyclohexane

Concen: 0.429 ug/L

RT: 4.654 min Scan# 1124

Delta R.T. 0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

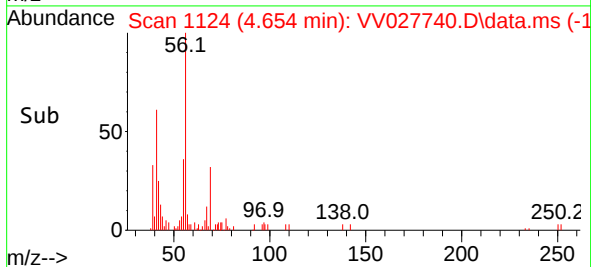
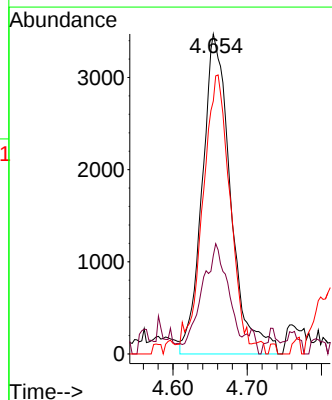
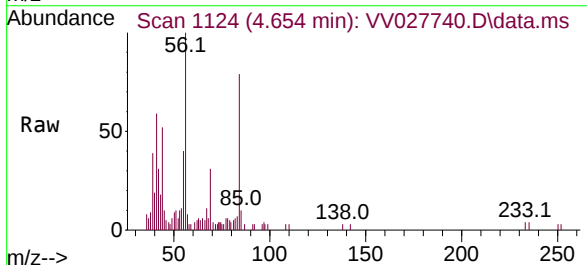
Tgt Ion: 56 Resp: 9205

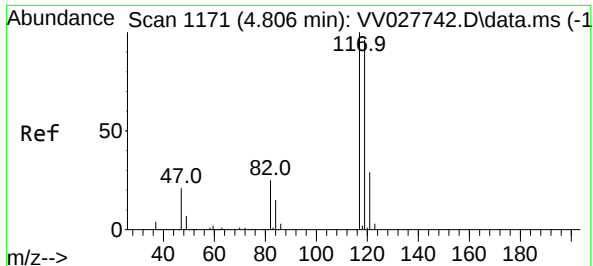
Ion Ratio Lower Upper

56 100

69 30.3 25.4 38.2

84 80.3 73.8 110.8

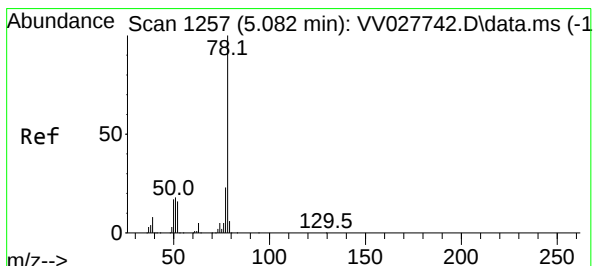
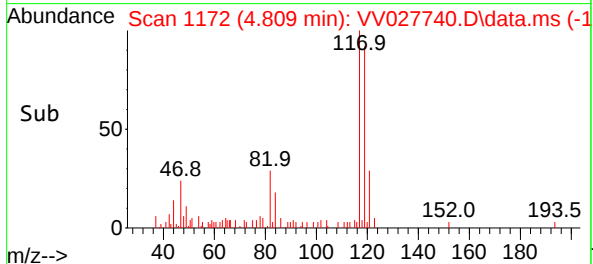
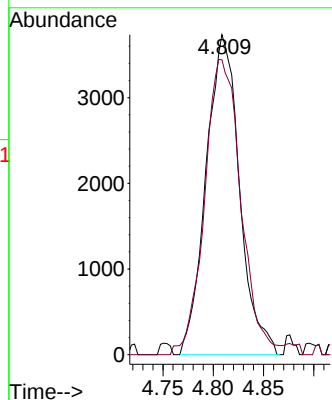
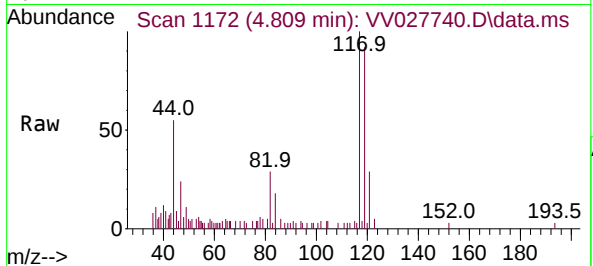




#31
Carbon tetrachloride
Concen: 0.398 ug/L
RT: 4.809 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

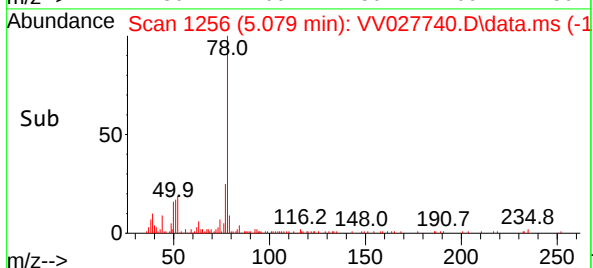
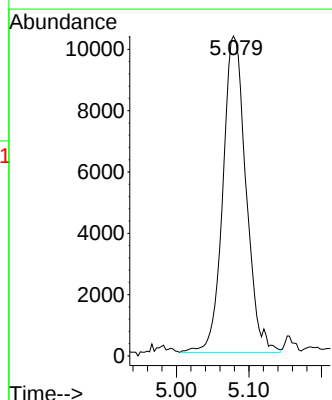
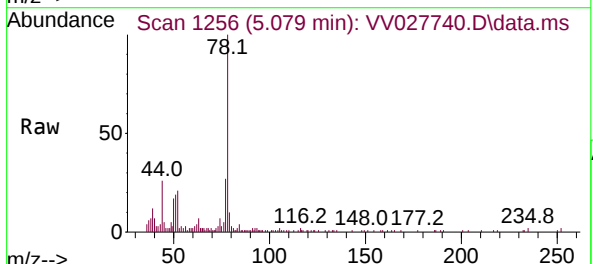
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

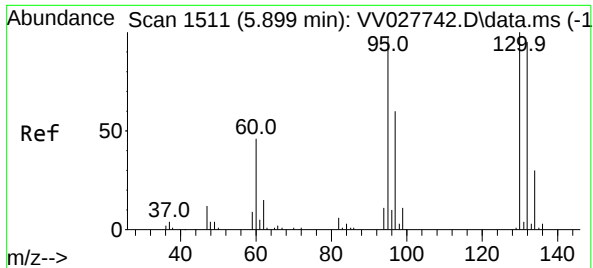
Tgt Ion:117 Resp: 8655
Ion Ratio Lower Upper
117 100
119 99.5 75.8 113.8



#33
Benzene
Concen: 0.408 ug/L
RT: 5.079 min Scan# 1256
Delta R.T. -0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 78 Resp: 22905



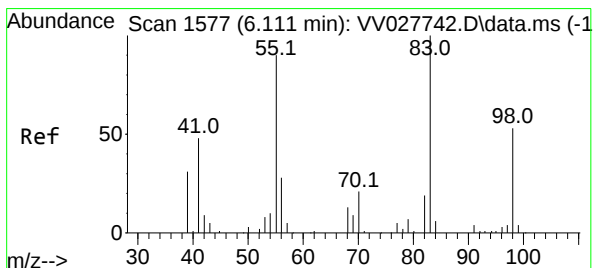
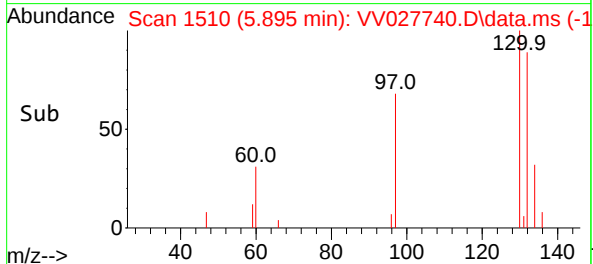
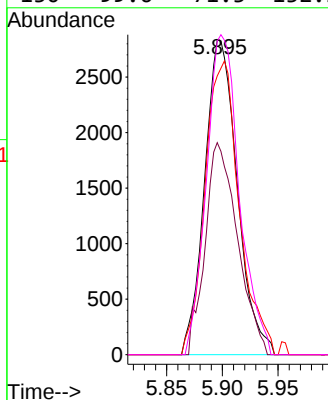
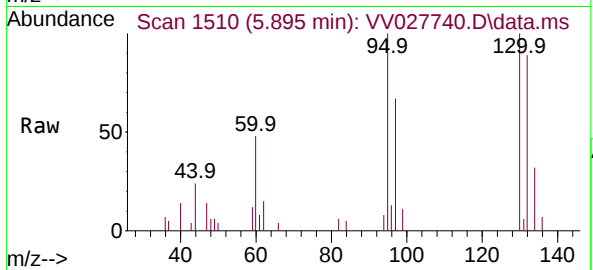


#34
Trichloroethene
Concen: 0.410 ug/L
RT: 5.895 min Scan# 1511
Delta R.T. -0.003 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

Tgt Ion: 95 Resp: 5791

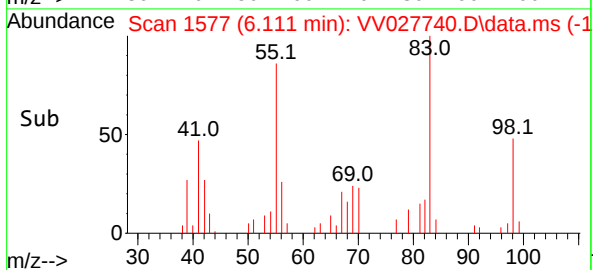
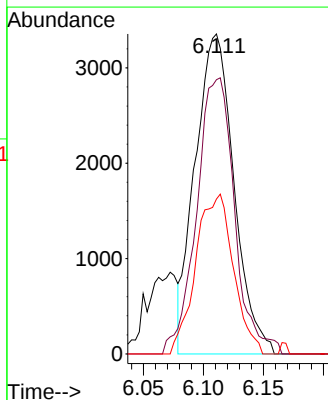
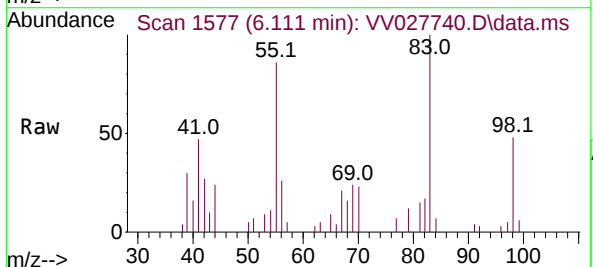
Ion	Ratio	Lower	Upper
95	100		
97	67.4	42.9	79.7
132	88.6	67.9	126.1
130	99.6	71.3	132.3

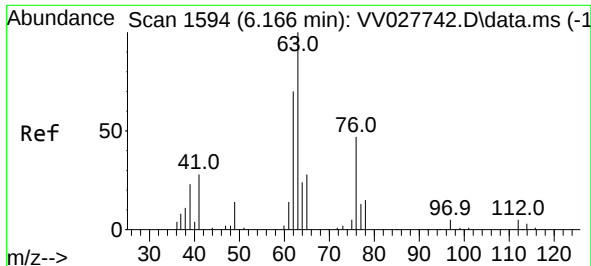


#35
Methylcyclohexane
Concen: 0.345 ug/L
RT: 6.111 min Scan# 1577
Delta R.T. -0.000 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 83 Resp: 7561

Ion	Ratio	Lower	Upper
83	100		
55	84.3	61.9	92.9
98	48.3	37.5	56.3





#37

1,2-Dichloropropane

Concen: 0.377 ug/L

RT: 6.172 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

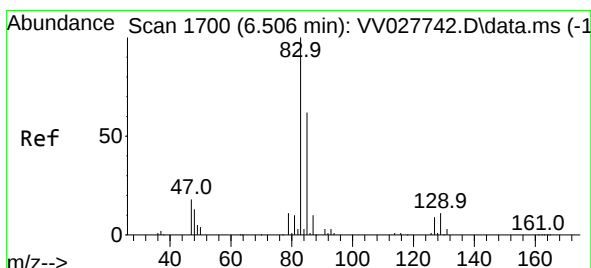
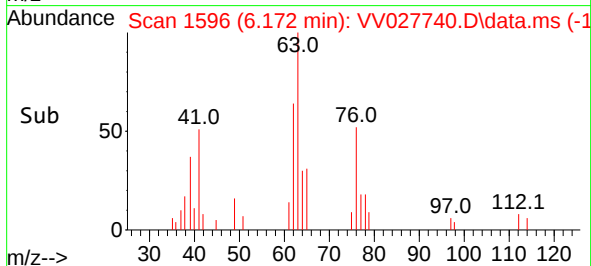
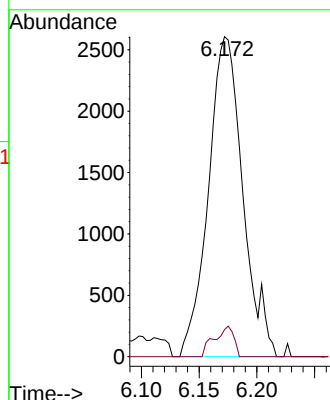
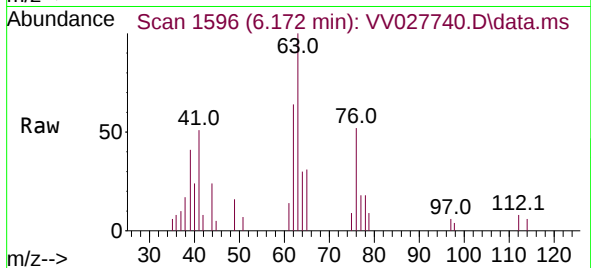
VSTD0.5227

Tgt Ion: 63 Resp: 5404

Ion Ratio Lower Upper

63 100

112 5.4 4.0 6.0



#38

Bromodichloromethane

Concen: 0.386 ug/L

RT: 6.529 min Scan# 1707

Delta R.T. 0.022 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

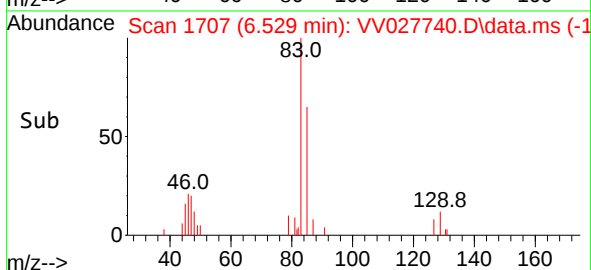
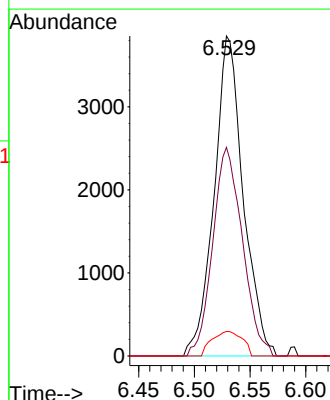
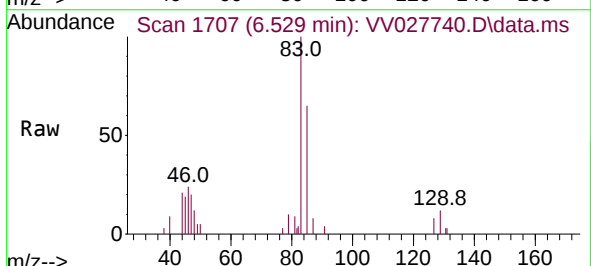
Tgt Ion: 83 Resp: 6998

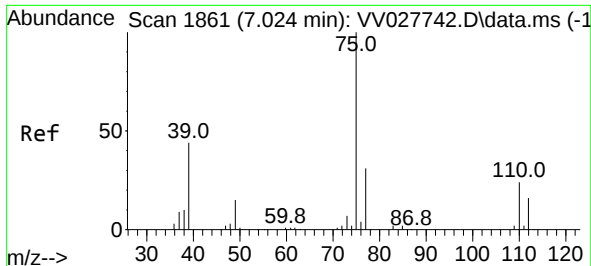
Ion Ratio Lower Upper

83 100

85 65.2 43.3 80.3

127 7.7 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 0.354 ug/L

RT: 7.050 min Scan# 1869

Delta R.T. 0.026 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

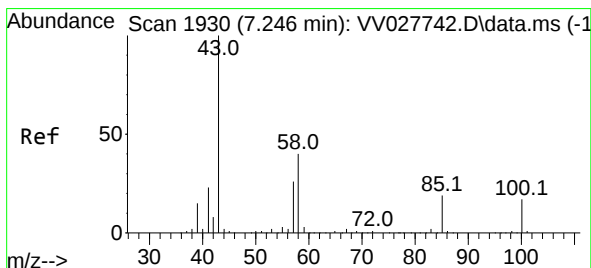
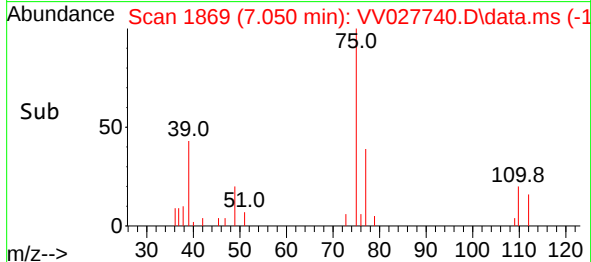
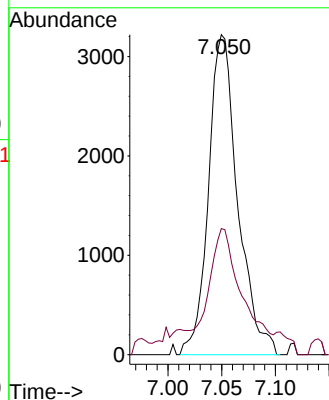
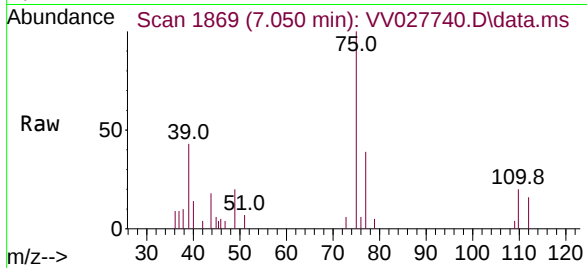
VSTD0.5227

Tgt Ion: 75 Resp: 6097

Ion Ratio Lower Upper

75 100

77 39.4 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 3.565 ug/L

RT: 7.265 min Scan# 1936

Delta R.T. 0.019 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

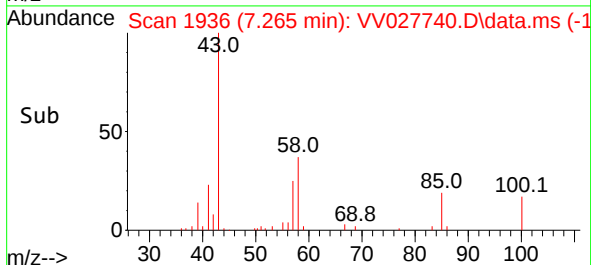
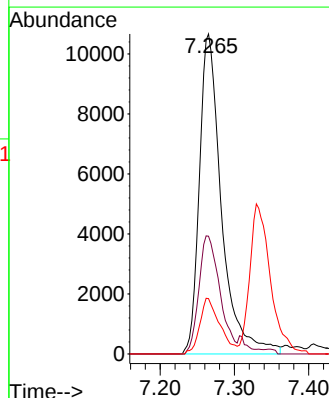
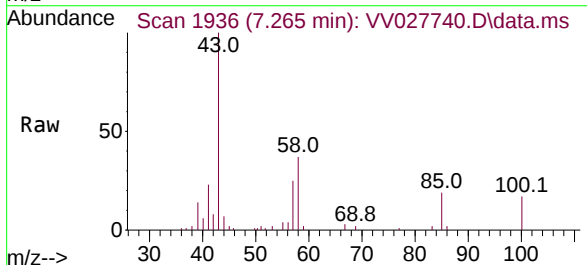
Tgt Ion: 43 Resp: 22103

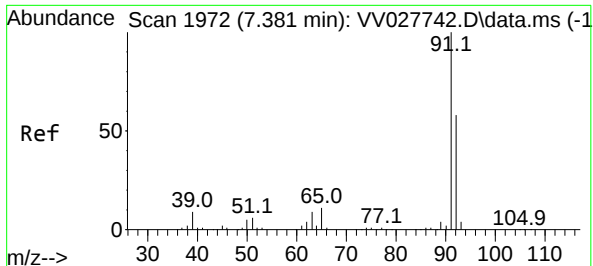
Ion Ratio Lower Upper

43 100

58 35.1 30.9 46.3

100 15.9 13.4 20.0





#42

Toluene

Concen: 0.343 ug/L

RT: 7.407 min Scan# 19

Delta R.T. 0.026 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

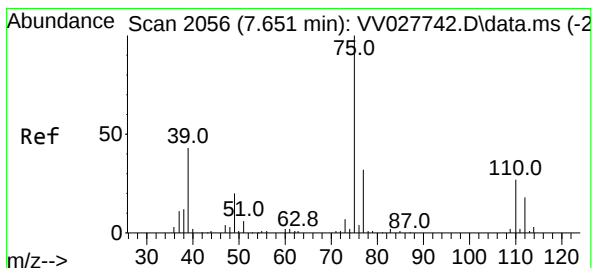
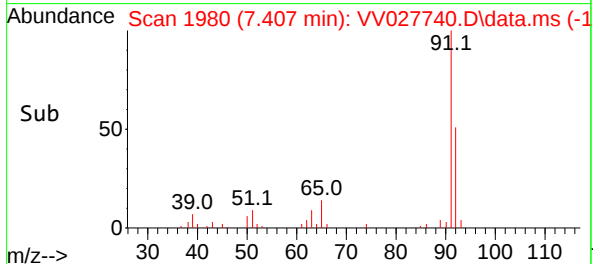
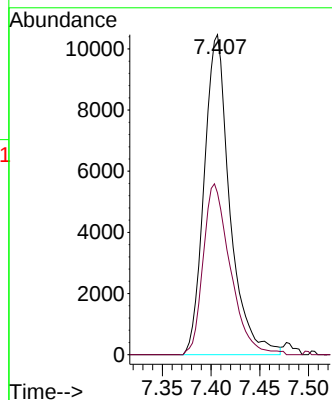
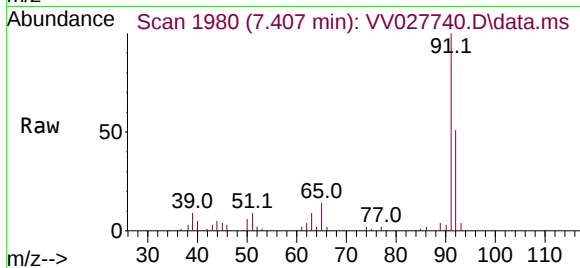
VSTD0.5227

Tgt Ion: 91 Resp: 19123

Ion Ratio Lower Upper

91 100

92 50.6 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.348 ug/L

RT: 7.673 min Scan# 2063

Delta R.T. 0.022 min

Lab File: VV027740.D

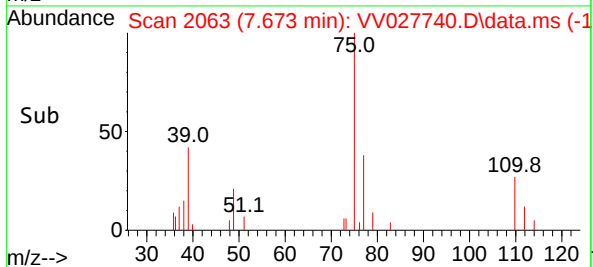
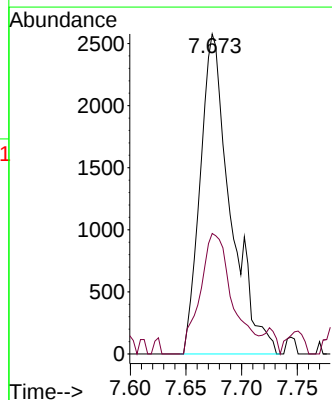
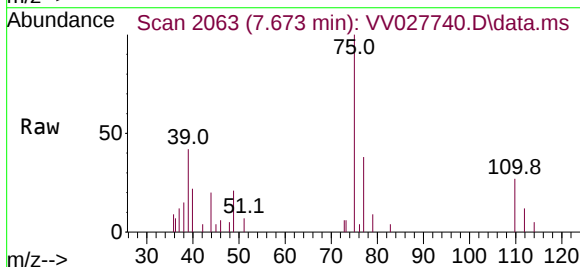
Acq: 06 Sep 2022 13:45

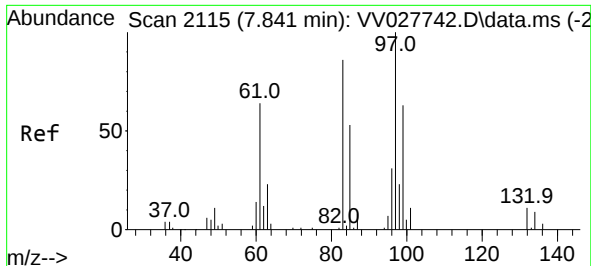
Tgt Ion: 75 Resp: 4884

Ion Ratio Lower Upper

75 100

77 37.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 0.345 ug/L

RT: 7.860 min Scan# 2115

Delta R.T. 0.019 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

Tgt Ion: 97 Resp: 3137

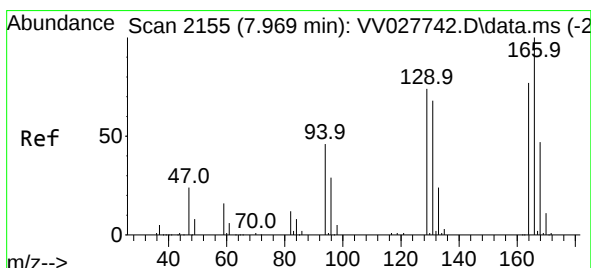
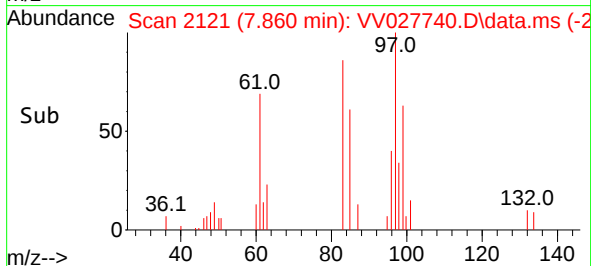
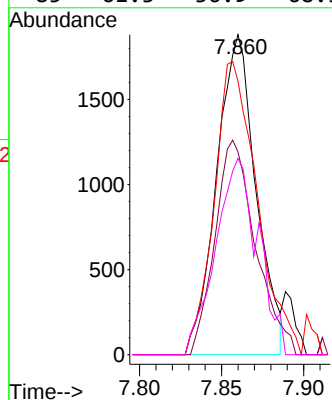
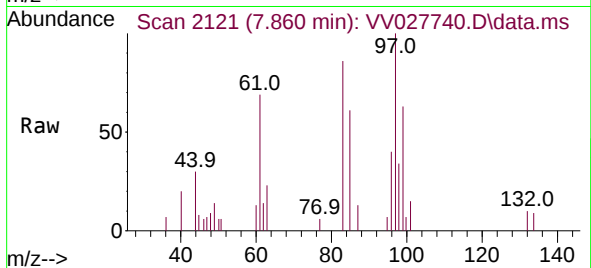
Ion Ratio Lower Upper

97 100

99 63.4 44.2 82.0

83 85.5 60.3 112.1

85 61.3 36.9 68.5



#47

Tetrachloroethene

Concen: 0.396 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.016 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Tgt Ion:164 Resp: 4466

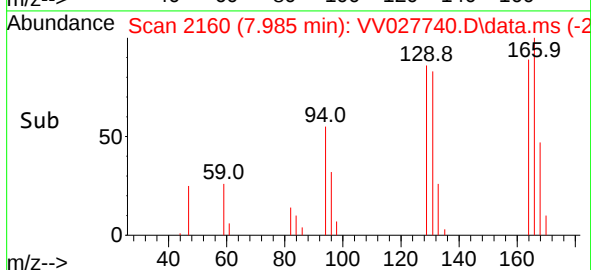
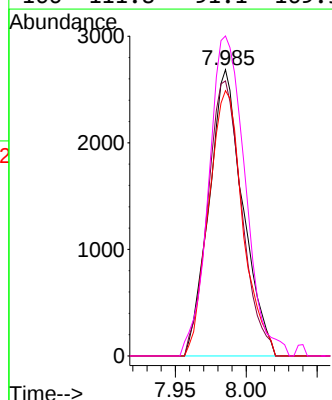
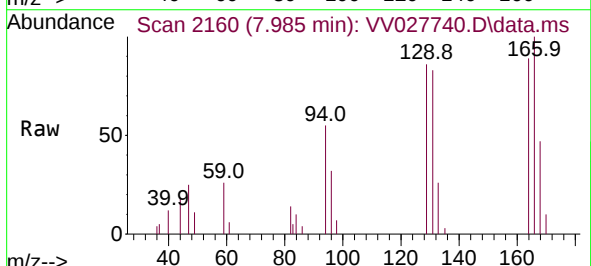
Ion Ratio Lower Upper

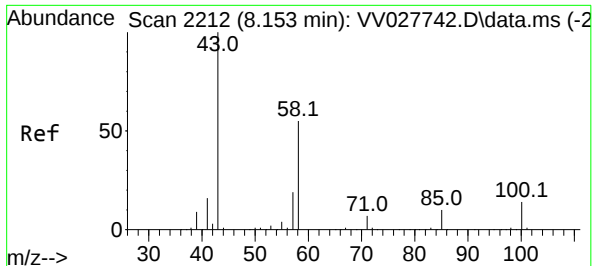
164 100

129 96.1 67.2 124.8

131 92.7 61.5 114.3

166 111.8 91.1 169.3

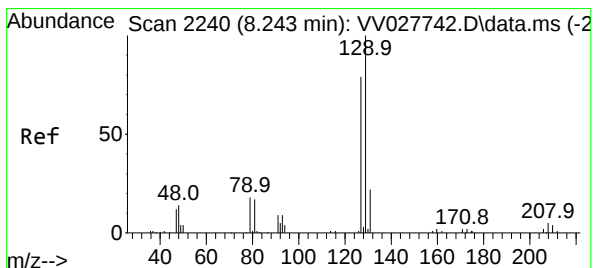
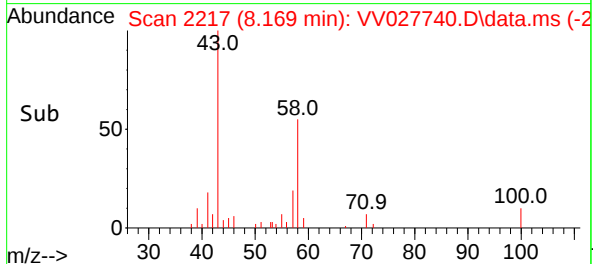
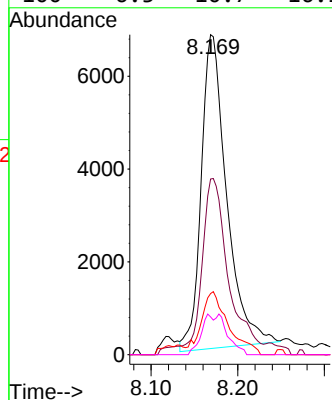
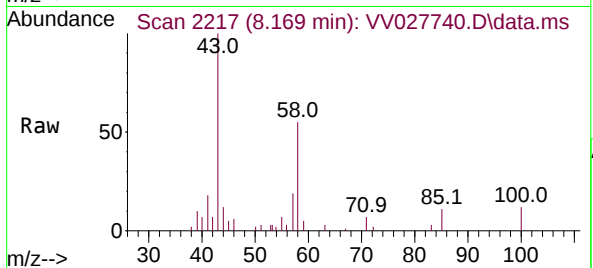




#48
2-Hexanone
Concen: 2.965 ug/L
RT: 8.169 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

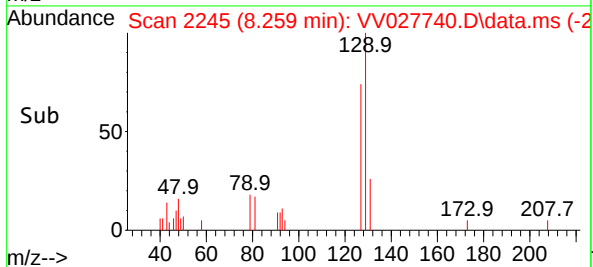
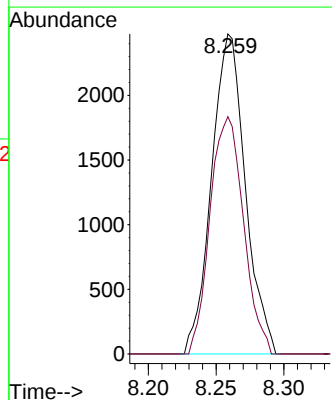
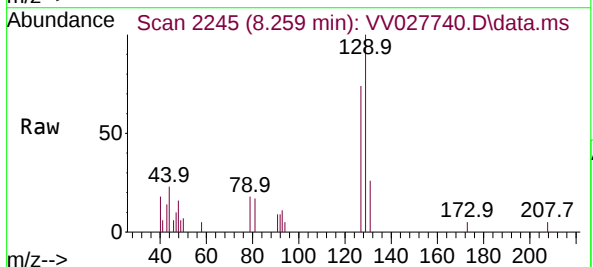
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

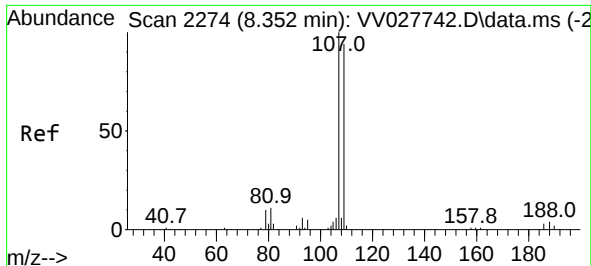
Tgt Ion: 43 Resp: 13796
Ion Ratio Lower Upper
43 100
58 60.0 43.2 64.8
57 21.4 15.6 23.4
100 6.3 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.395 ug/L
RT: 8.259 min Scan# 2245
Delta R.T. 0.016 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 129 Resp: 4292
Ion Ratio Lower Upper
129 100
127 74.1 55.2 102.6





#50

1,2-Dibromoethane

Concen: 0.354 ug/L

RT: 8.365 min Scan# 21

Delta R.T. 0.013 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

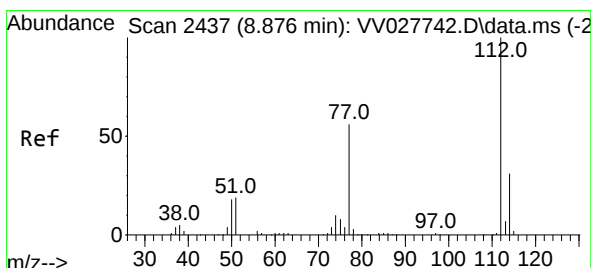
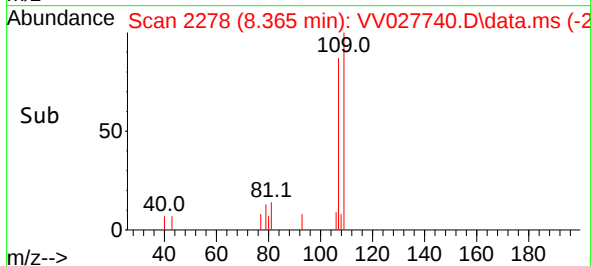
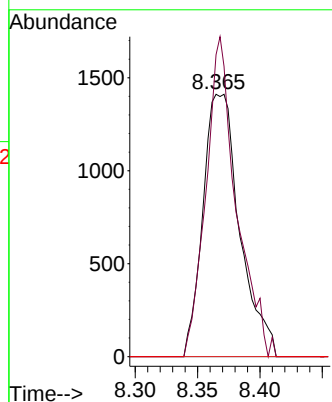
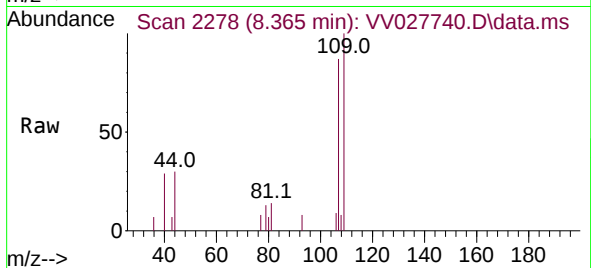
Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

Tgt Ion:107	Resp:	2895
Ion	Ratio	Lower Upper
107	100	
109	115.1	65.9 122.5
188	0.0	3.1 4.7#



#51

Chlorobenzene

Concen: 0.386 ug/L

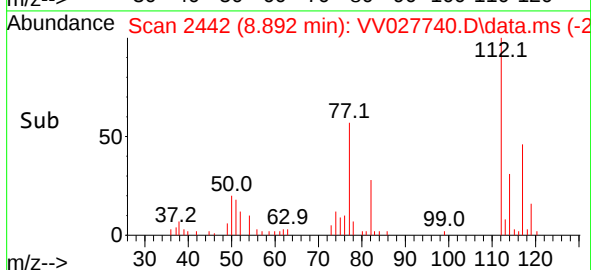
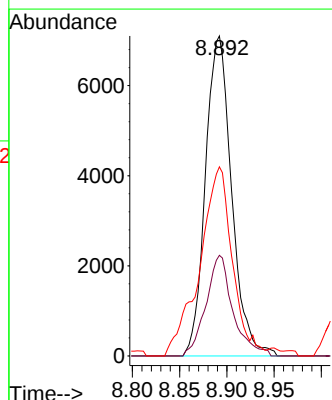
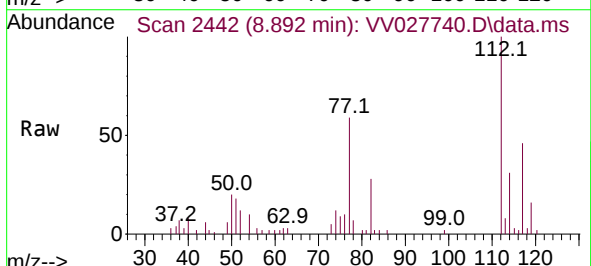
RT: 8.892 min Scan# 2442

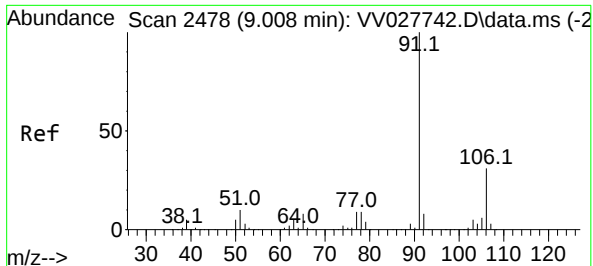
Delta R.T. 0.016 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Tgt Ion:112	Resp:	13692
Ion	Ratio	Lower Upper
112	100	
114	31.4	21.7 40.3
77	59.1	45.3 67.9





#52

Ethylbenzene

Concen: 0.352 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

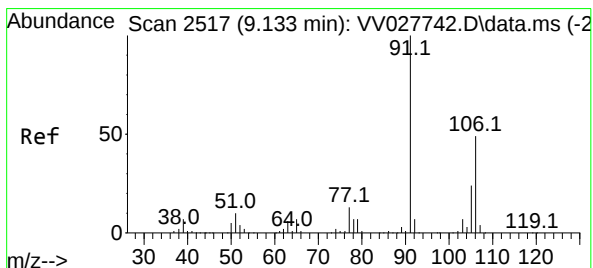
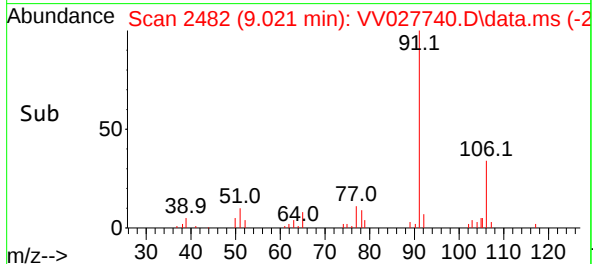
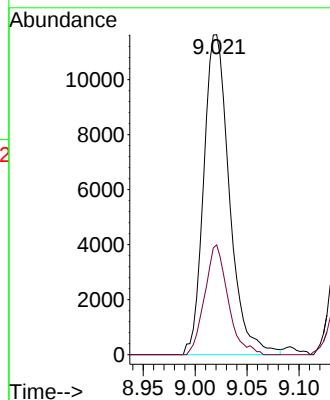
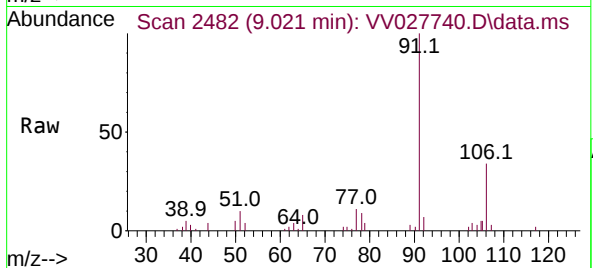
VSTD0.5227

Tgt Ion: 91 Resp: 20027

Ion Ratio Lower Upper

91 100

106 34.3 22.0 40.8



#53

m,p-Xylene

Concen: 0.346 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.010 min

Lab File: VV027740.D

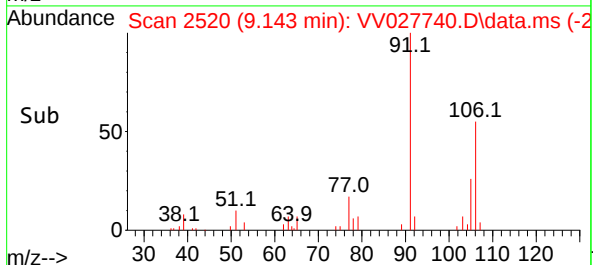
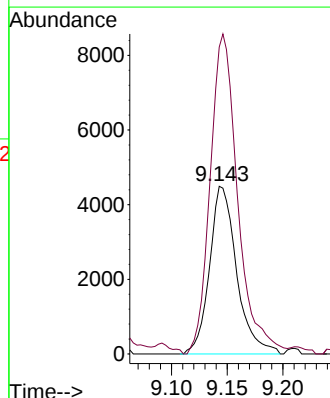
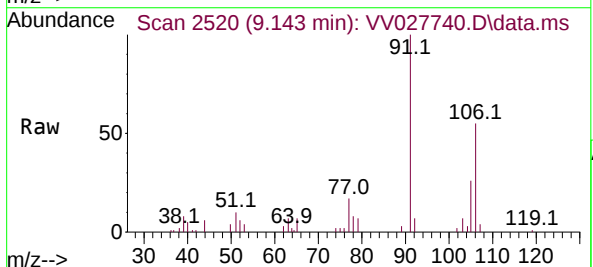
Acq: 06 Sep 2022 13:45

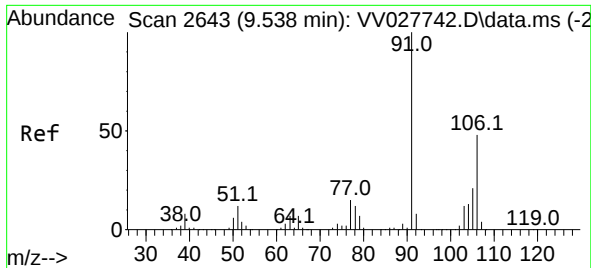
Tgt Ion: 106 Resp: 7622

Ion Ratio Lower Upper

106 100

91 183.1 142.4 264.4

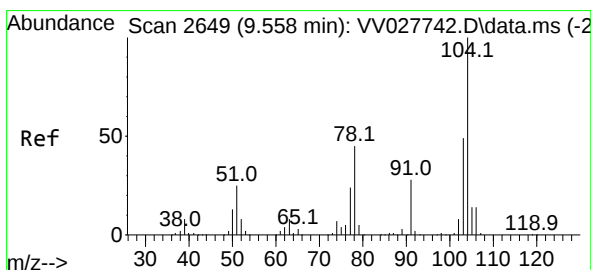
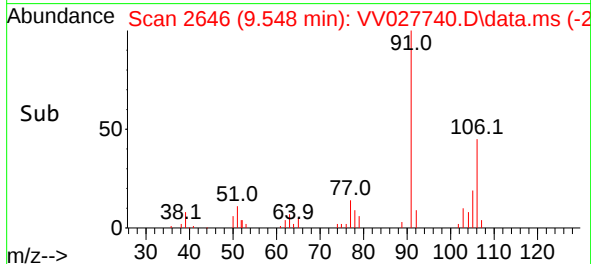
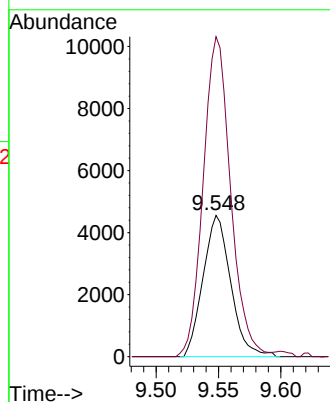
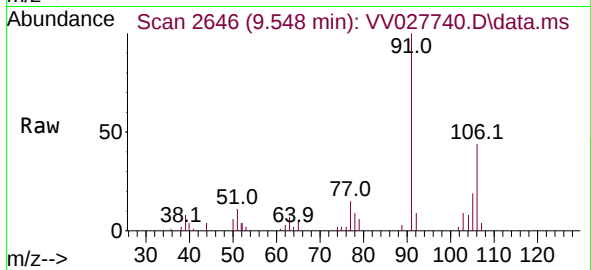




#54
o-Xylene
Concen: 0.335 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.010 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

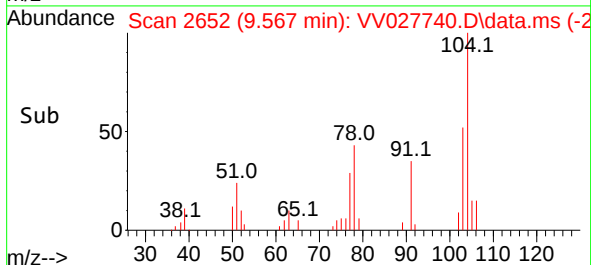
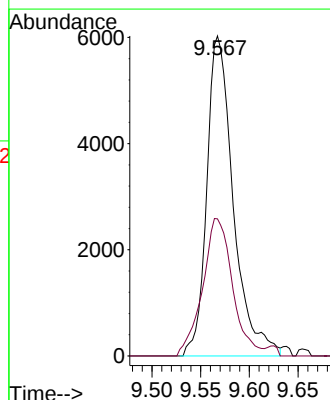
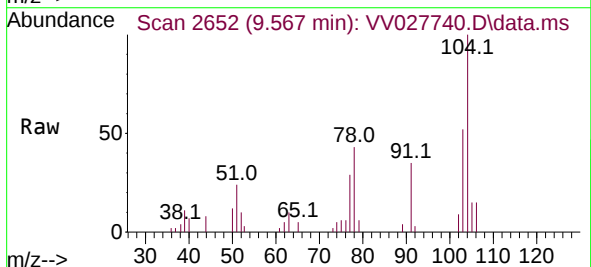
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

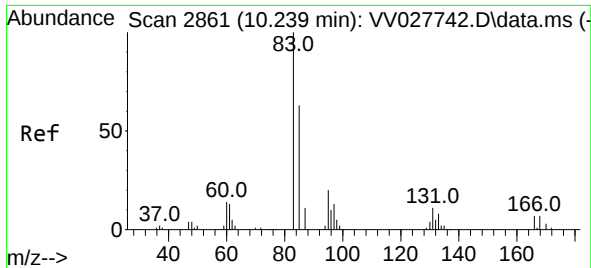
Tgt Ion:106 Resp: 7036
Ion Ratio Lower Upper
106 100
91 226.5 147.5 273.9



#55
Styrene
Concen: 0.319 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion:104 Resp: 11419
Ion Ratio Lower Upper
104 100
78 42.9 31.7 58.9

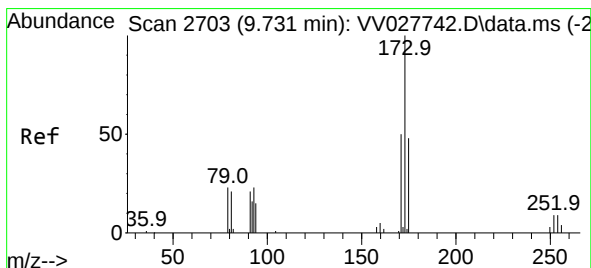
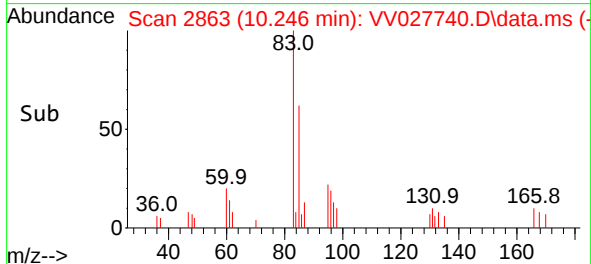
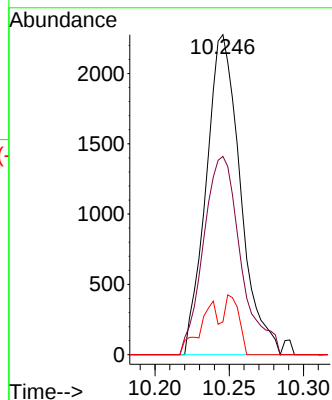
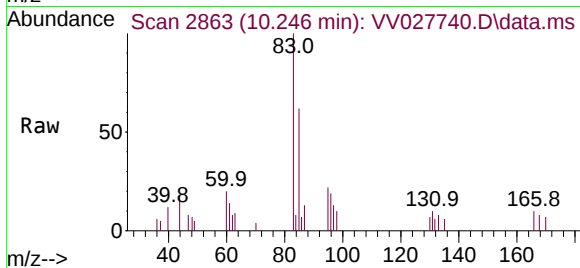




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.364 ug/L
 RT: 10.246 min Scan# 2863
 Delta R.T. 0.006 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

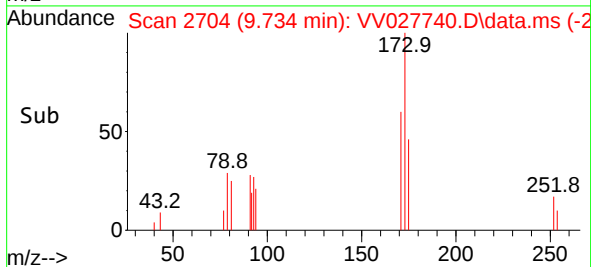
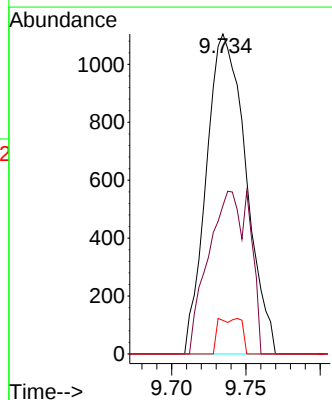
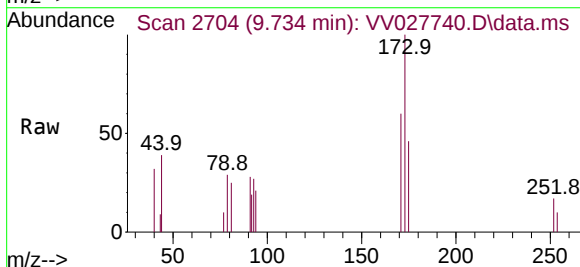
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

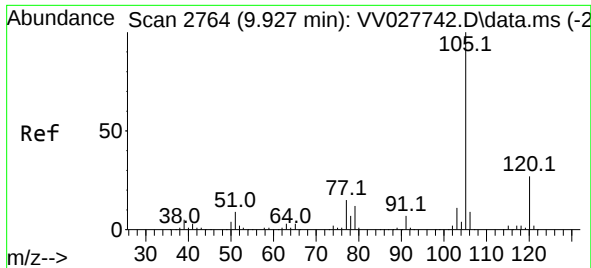
Tgt Ion:	83	Resp:	3643
Ion	Ratio	Lower	Upper
83	100		
85	62.0	44.7	83.1
131	10.3	8.5	12.7



#59
 Bromoform
 Concen: 0.424 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion:	173	Resp:	2045
Ion	Ratio	Lower	Upper
173	100		
175	53.0	38.4	57.6
254	3.3	6.8	10.2

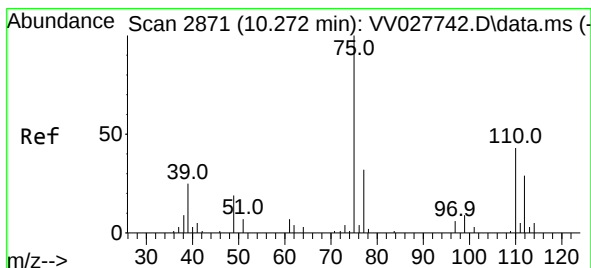
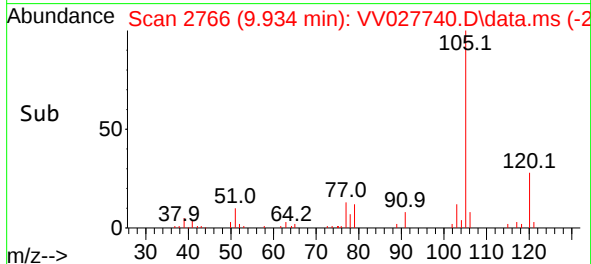
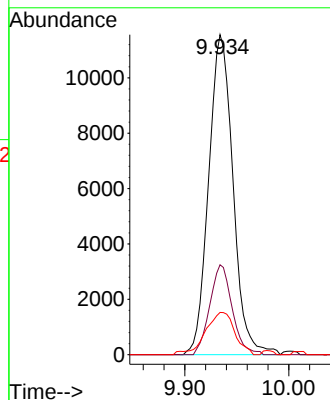
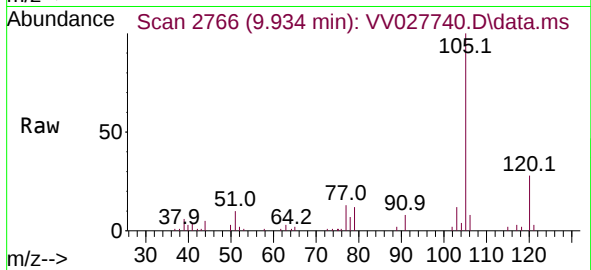




#60
Isopropylbenzene
Concen: 0.366 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

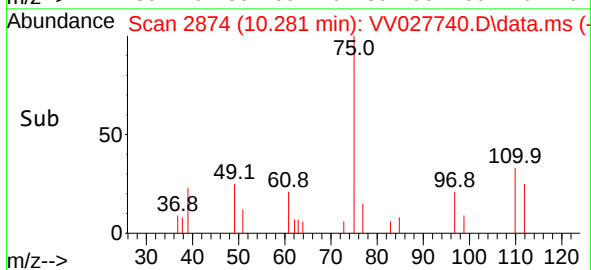
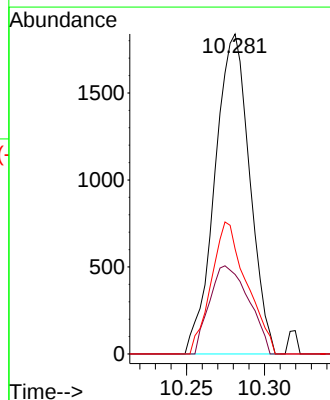
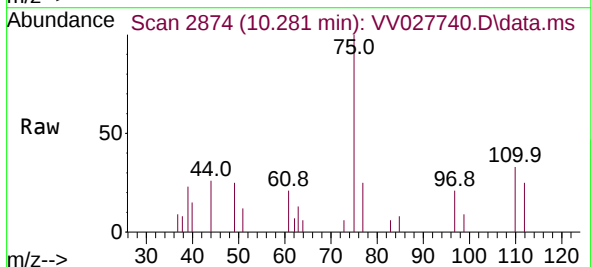
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

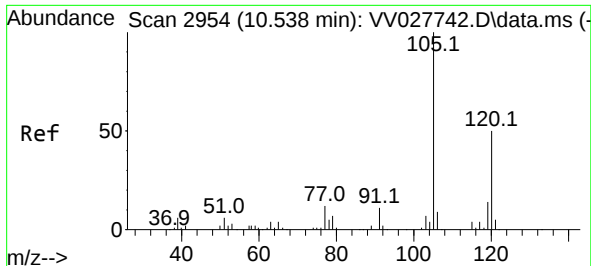
Tgt Ion:105 Resp: 18805
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 15.8 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 0.426 ug/L
RT: 10.281 min Scan# 2874
Delta R.T. 0.010 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion: 75 Resp: 2852
Ion Ratio Lower Upper
75 100
77 31.1 27.6 41.4
110 42.0 35.6 53.4

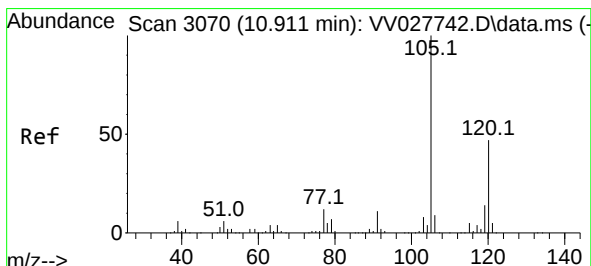
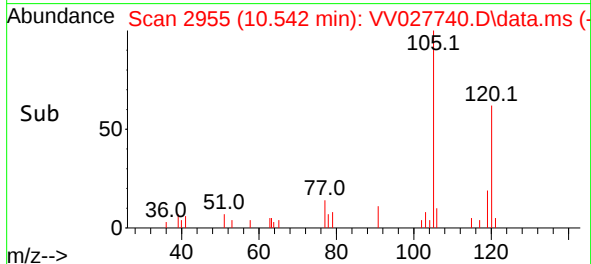
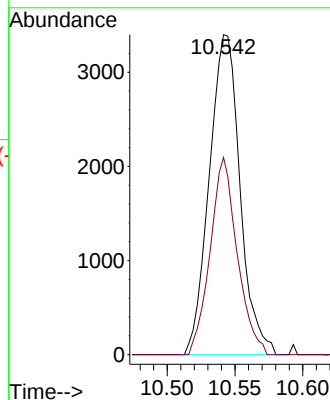
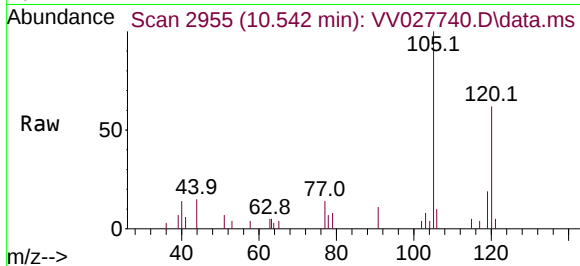




#62
 1,3,5-Trimethylbenzene
 Concen: 0.378 ug/L
 RT: 10.542 min Scan# 2954
 Delta R.T. 0.003 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

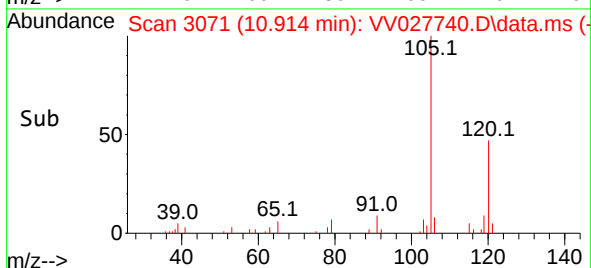
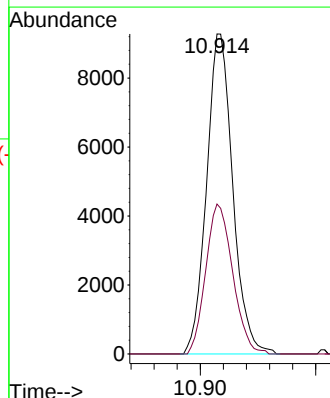
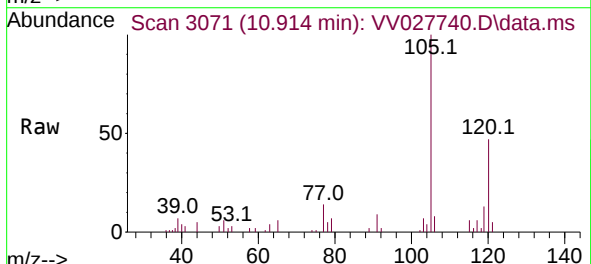
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

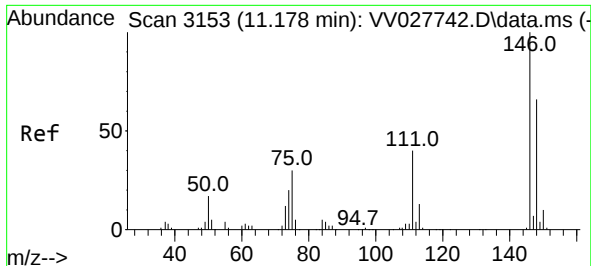
Tgt Ion:105 Resp: 5370
 Ion Ratio Lower Upper
 105 100
 120 54.2 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 0.362 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion:105 Resp: 14606
 Ion Ratio Lower Upper
 105 100
 120 48.2 37.4 56.0

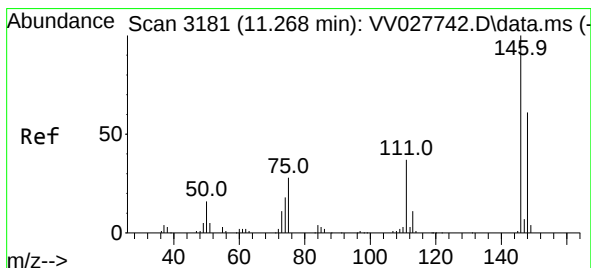
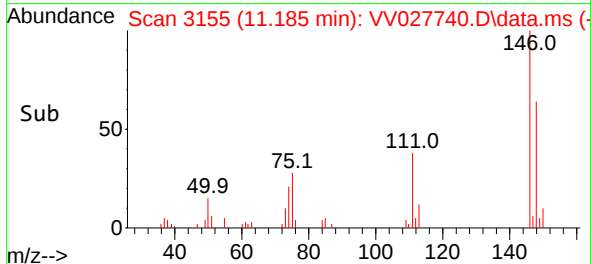
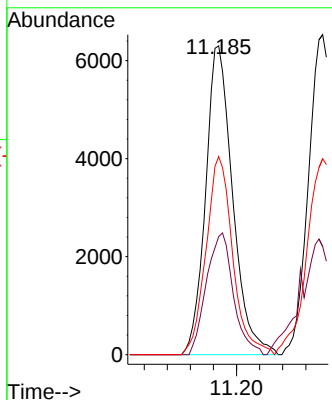
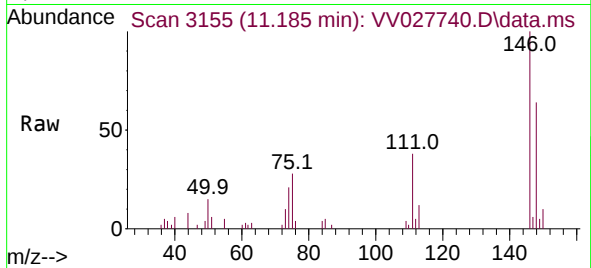




#64
1,3-Dichlorobenzene
Concen: 0.416 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

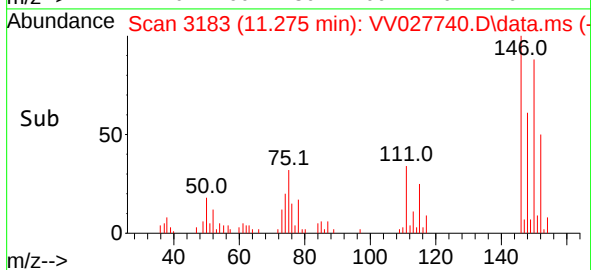
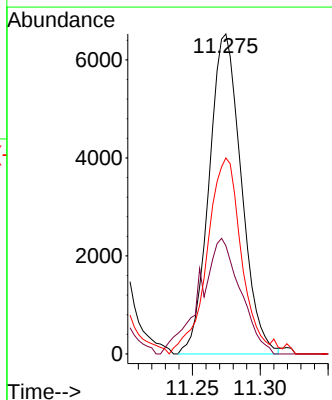
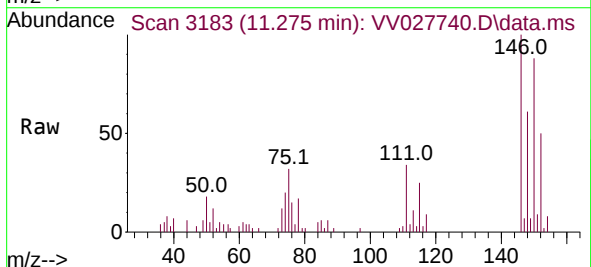
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5227

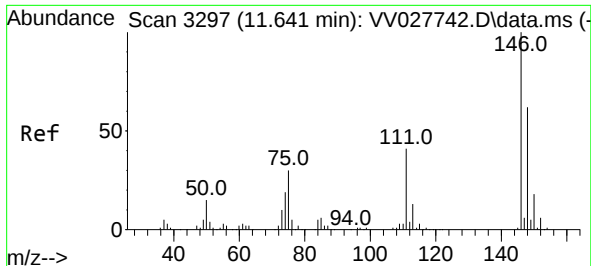
Tgt Ion:146 Resp: 10275
Ion Ratio Lower Upper
146 100
111 38.2 27.9 51.9
148 64.2 46.0 85.4



#65
1,4-Dichlorobenzene
Concen: 0.438 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.006 min
Lab File: VV027740.D
Acq: 06 Sep 2022 13:45

Tgt Ion:146 Resp: 10796
Ion Ratio Lower Upper
146 100
111 33.8 26.5 49.3
148 61.3 42.8 79.4

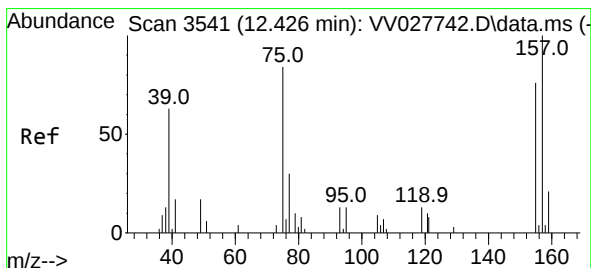
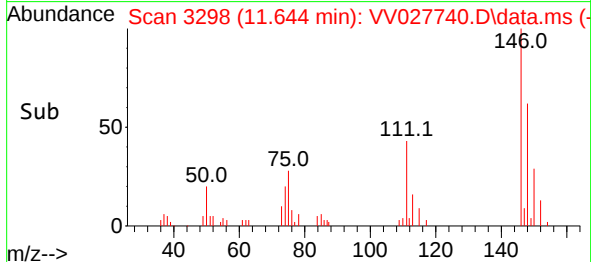
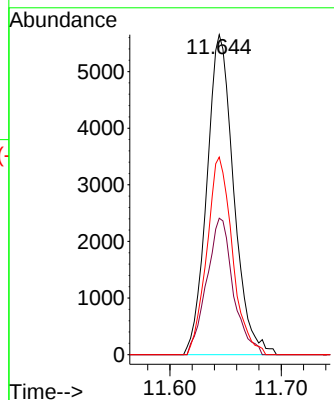
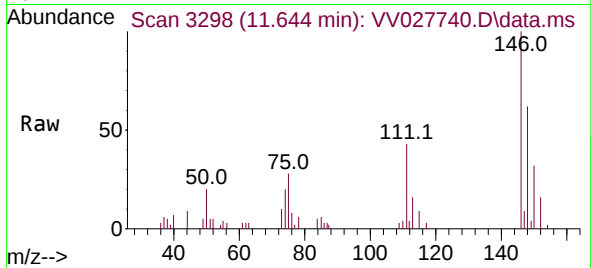




#67
 1,2-Dichlorobenzene
 Concen: 0.426 ug/L
 RT: 11.644 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

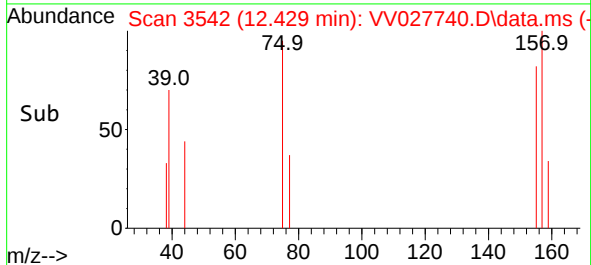
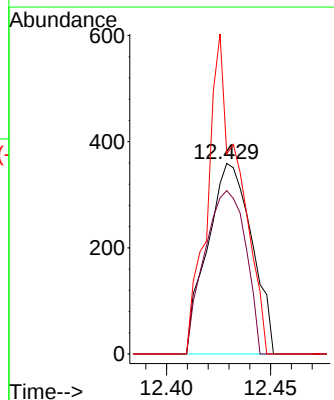
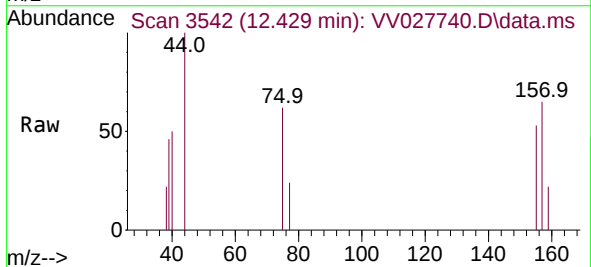
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5227

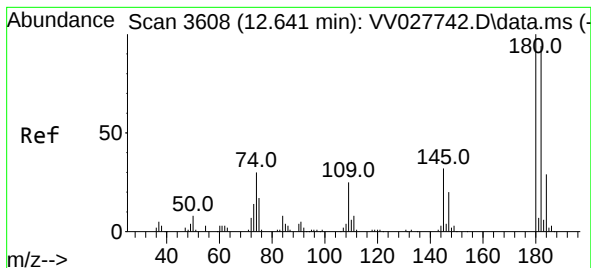
Tgt Ion:146 Resp: 9460
 Ion Ratio Lower Upper
 146 100
 111 42.7 33.1 49.7
 148 61.7 49.8 74.6



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.396 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV027740.D
 Acq: 06 Sep 2022 13:45

Tgt Ion: 75 Resp: 533
 Ion Ratio Lower Upper
 75 100
 155 85.8 71.9 107.9
 157 105.0 95.1 142.7





#69

1,3,5-Trichlorobenzene

Concen: 0.430 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

Lab File: VV027740.D

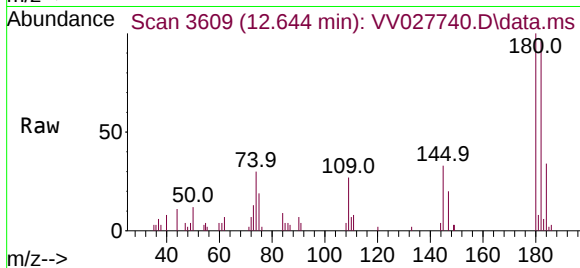
Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227



Tgt Ion:180 Resp: 7705

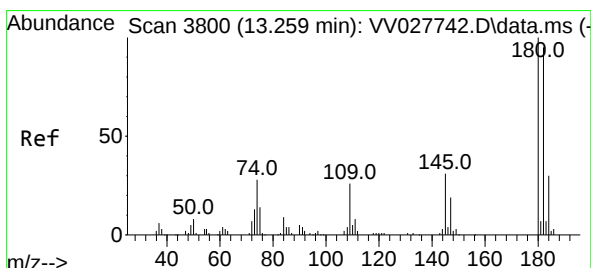
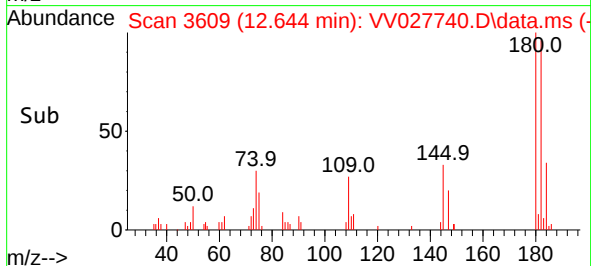
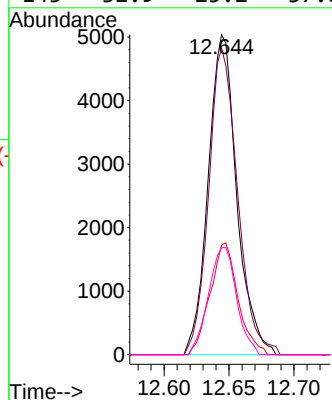
Ion Ratio Lower Upper

180 100

182 96.9 75.8 113.8

184 34.1 23.8 35.6

145 32.9 25.2 37.8



#70

1,2,4-trichlorobenzene

Concen: 0.511 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

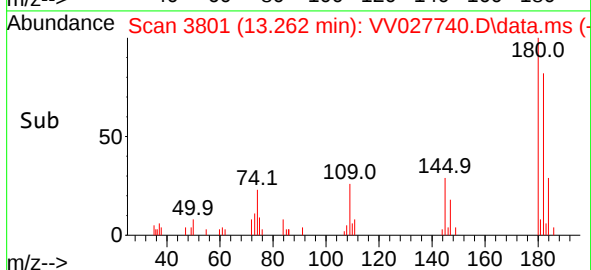
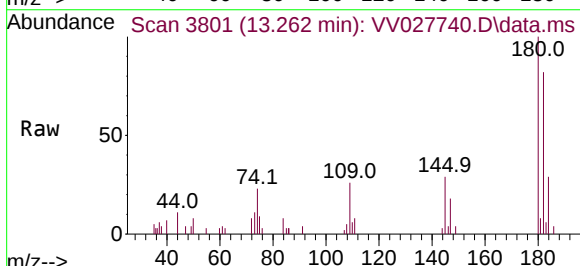
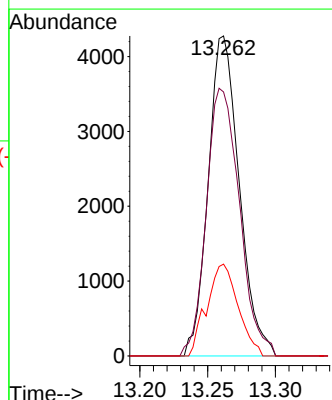
Tgt Ion:180 Resp: 6809

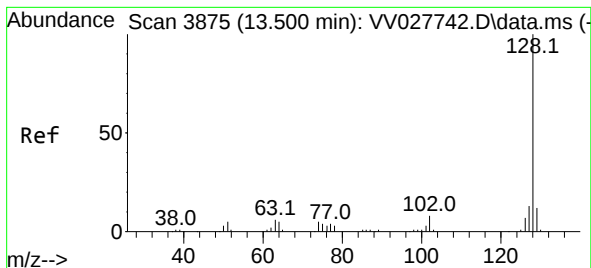
Ion Ratio Lower Upper

180 100

182 89.3 76.6 114.8

145 29.0 24.6 37.0





#71

Naphthalene

Concen: 0.636 ug/L

RT: 13.503 min Scan# 3875

Delta R.T. 0.003 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5227

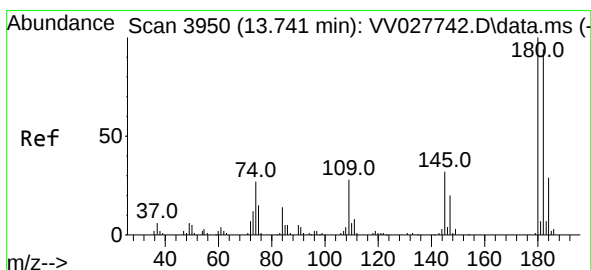
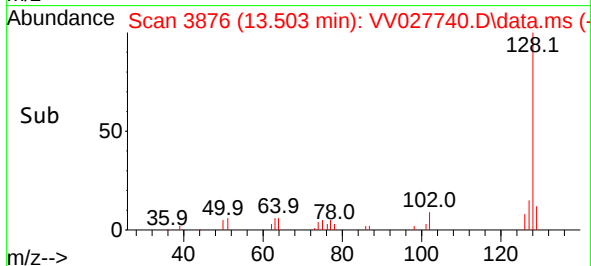
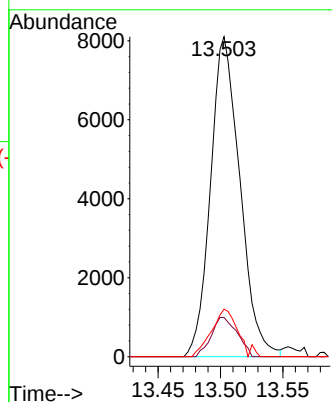
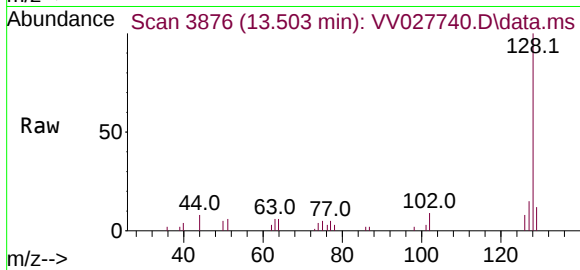
Tgt Ion:128 Resp: 13307

Ion Ratio Lower Upper

128 100

129 10.8 9.2 13.8

127 13.4 10.6 16.0



#72

1,2,3-Trichlorobenzene

Concen: 0.506 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027740.D

Acq: 06 Sep 2022 13:45

Tgt Ion:180 Resp: 6086

Ion Ratio Lower Upper

180 100

182 93.5 76.5 114.7

145 31.9 26.5 39.7

