

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050322\
 Data File : VW025784.D
 Acq On : 03 May 2022 10:49
 Operator : SY/MD
 Sample : VSTD0.537
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5237

Quant Time: May 03 12:16:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 03 12:14:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145071	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	143766	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71215	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	8556	0.602	ug/L	0.00
7) Chloroethane-d5	1.571	69	7560	0.520	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	15868	0.567	ug/L	0.00
20) 2-Butanone-d5	3.934	46	6555	3.697	ug/L	0.04
24) Chloroform-d	4.358	84	11937	0.555	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	5477	0.589	ug/L	0.01
32) Benzene-d6	5.056	84	22570	0.519	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	7131	0.584	ug/L	0.00
41) Toluene-d8	7.320	98	19291	0.481	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1923	0.476	ug/L	0.02
46) 2-Hexanone-d5	8.098	63	6698	4.550	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	4683	0.607	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	6721	0.552	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	9372	0.670	ug/L	95
3) Chloromethane	1.243	50	11472	0.743	ug/L	97
5) Vinyl chloride	1.314	62	10478	0.617	ug/L	95
6) Bromomethane	1.526	94	5908	0.506	ug/L	98
8) Chloroethane	1.587	64	6887	0.540	ug/L	99
9) Trichlorofluoromethane	1.757	101	13804	0.586	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	7979	0.607	ug/L	99
12) 1,1-Dichloroethene	2.124	96	7865	0.606	ug/L	77
13) Acetone	2.185	43	8394	7.128	ug/L	98
14) Carbon disulfide	2.297	76	18156	0.573	ug/L	99
15) Methyl Acetate	2.452	43	1044	0.395	ug/L	91
16) Methylene chloride	2.513	84	8610	0.682	ug/L	90
17) Methyl tert-butyl Ether	2.773	73	10444	0.519	ug/L	# 94
18) trans-1,2-Dichloroethene	2.767	96	6642	0.604	ug/L	92
19) 1,1-Dichloroethane	3.198	63	11305	0.597	ug/L	99
21) 2-Butanone	4.011	43	4461	2.717	ug/L	91
22) cis-1,2-Dichloroethene	3.918	96	6435	0.561	ug/L	83
23) Bromochloromethane	4.262	128	2664	0.556	ug/L	95
25) Chloroform	4.384	83	12339	0.622	ug/L	100
27) 1,2-Dichloroethane	5.146	62	6632	0.628	ug/L	95
29) 1,1,1-Trichloroethane	4.612	97	10355	0.582	ug/L	97
30) Cyclohexane	4.683	56	8150	0.508	ug/L	98
31) Carbon tetrachloride	4.834	117	8651	0.577	ug/L	100
33) Benzene	5.108	78	23324	0.524	ug/L	100
34) Trichloroethene	5.924	95	7015	0.602	ug/L	96
35) Methylcyclohexane	6.133	83	8807	0.472	ug/L	# 88
37) 1,2-Dichloropropane	6.182	63	6282	0.604	ug/L	100
38) Bromodichloromethane	6.516	83	7709	0.601	ug/L	96
39) cis-1,3-Dichloropropene	7.037	75	6103	0.457	ug/L	89
40) 4-Methyl-2-pentanone	7.233	43	22029	5.238	ug/L	90
42) Toluene	7.394	91	24591	0.511	ug/L	98
44) trans-1,3-Dichloropropene	7.664	75	4839	0.461	ug/L	94

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

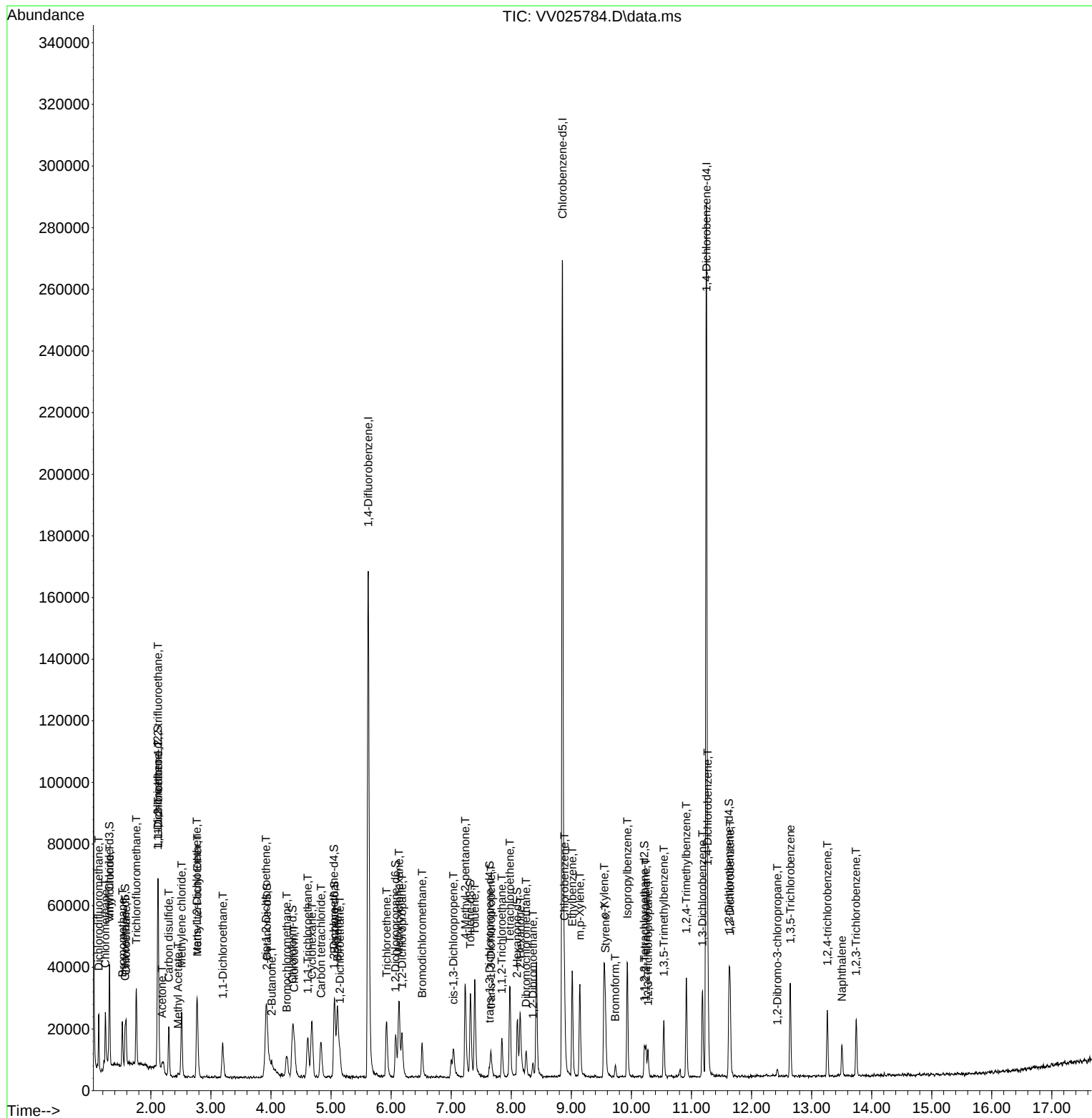
45) 1,1,2-Trichloroethane	7.844	97	3896	0.567	ug/L	97
47) Tetrachloroethene	7.979	164	7151	0.780	ug/L	91
48) 2-Hexanone	8.149	43	13632	4.629	ug/L #	97
49) Dibromochloromethane	8.246	129	4069	0.541	ug/L	94
50) 1,2-Dibromoethane	8.361	107	3434	0.541	ug/L #	99
51) Chlorobenzene	8.886	112	16372	0.536	ug/L	97
52) Ethylbenzene	9.014	91	23438	0.461	ug/L	98
53) m,p-Xylene	9.143	106	9303	0.481	ug/L	100
54) o-Xylene	9.548	106	8763	0.466	ug/L	80
55) Styrene	9.567	104	12874	0.417	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.242	83	4303	0.621	ug/L	88
59) Bromoform	9.731	173	1688	0.549	ug/L #	96
60) Isopropylbenzene	9.934	105	22844	0.503	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	3628	0.741	ug/L #	89
62) 1,3,5-Trimethylbenzene	10.538	105	9836	0.492	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	17055	0.470	ug/L	97
64) 1,3-Dichlorobenzene	11.185	146	11208	0.530	ug/L	94
65) 1,4-Dichlorobenzene	11.271	146	12271	0.573	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	10422	0.557	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	591	0.680	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.648	180	9181	0.575	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	6801	0.556	ug/L	89
71) Naphthalene	13.506	128	8801	0.493	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	5293	0.521	ug/L	98

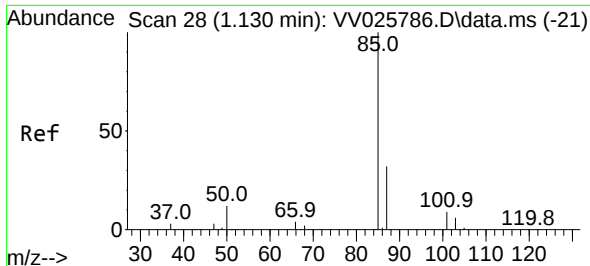
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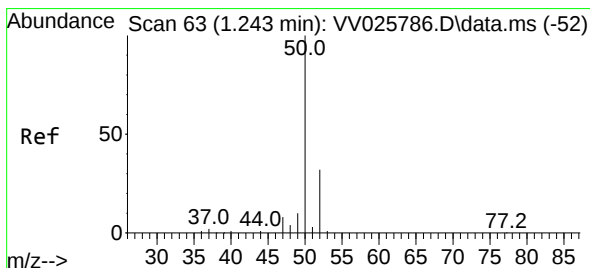
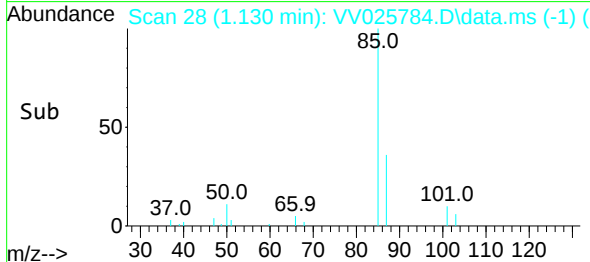
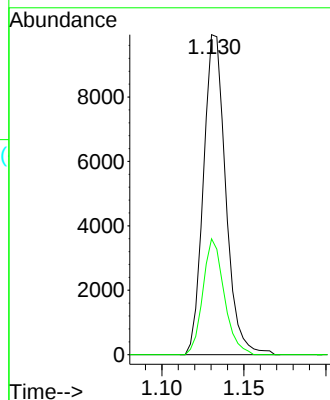
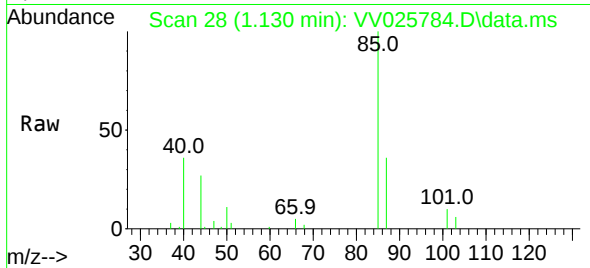




#2
 Dichlorodifluoromethane
 Concen: 0.670 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

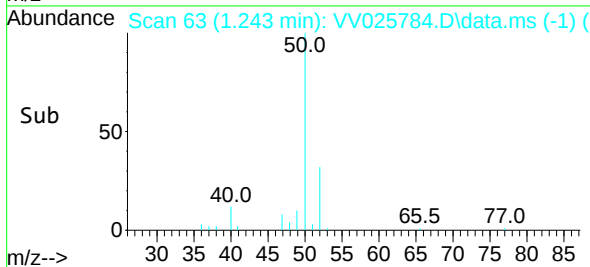
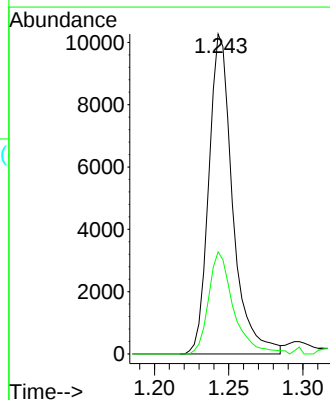
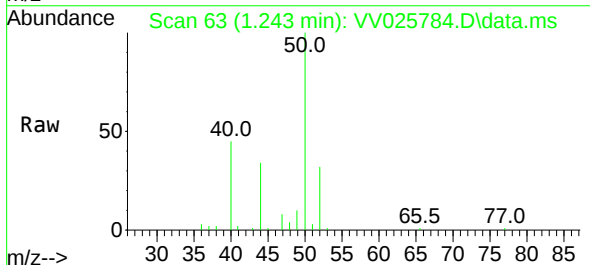
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 ClientSampleId :
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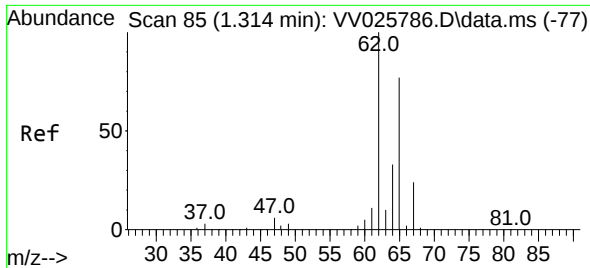
Tgt Ion: 85 Resp: 9372
 Ion Ratio Lower Upper
 85 100
 87 34.6 25.6 38.4



#3
 Chloromethane
 Concen: 0.743 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

Tgt Ion: 50 Resp: 11472
 Ion Ratio Lower Upper
 50 100
 52 31.9 23.7 43.9

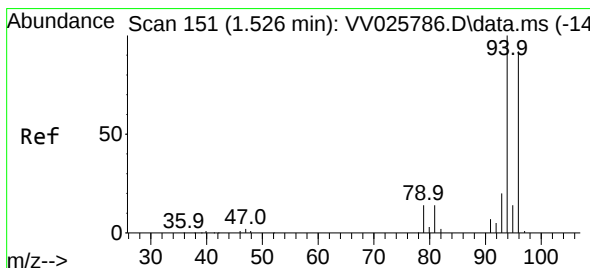
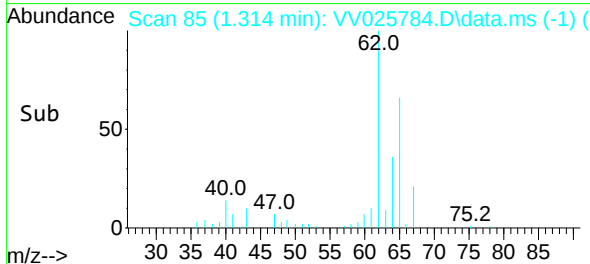
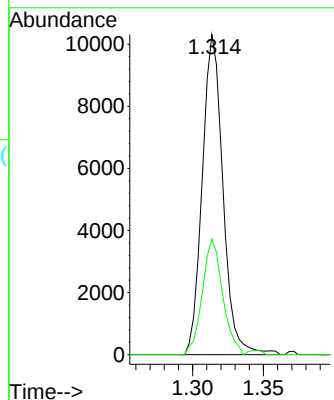
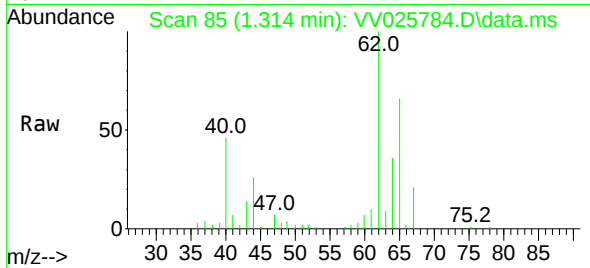




#5
 Vinyl chloride
 Concen: 0.617 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

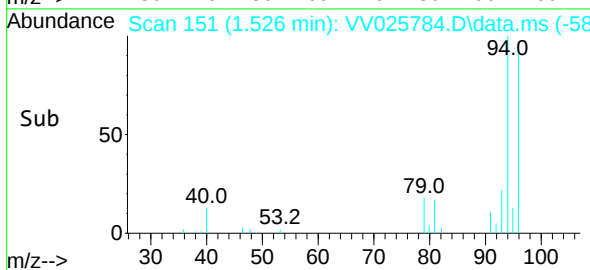
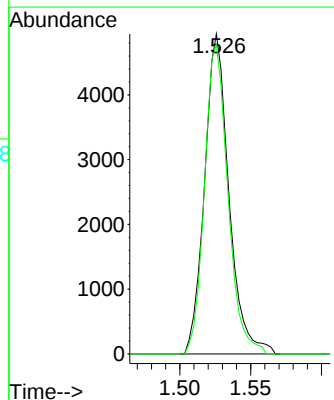
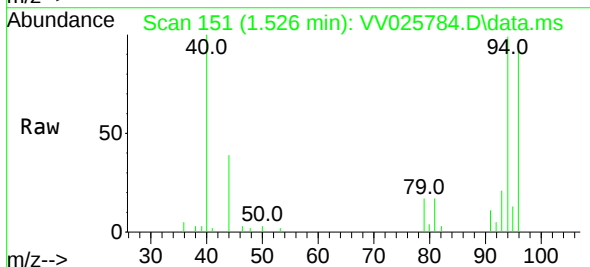
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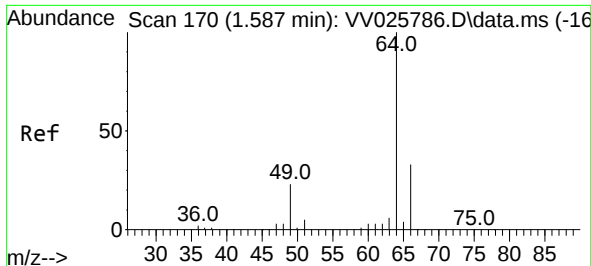
Tgt Ion: 62 Resp: 10478
 Ion Ratio Lower Upper
 62 100
 64 36.2 23.2 43.2



#6
 Bromomethane
 Concen: 0.506 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.000 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

Tgt Ion: 94 Resp: 5908
 Ion Ratio Lower Upper
 94 100
 96 96.7 66.1 122.7

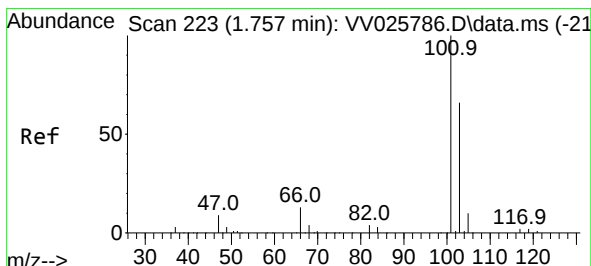
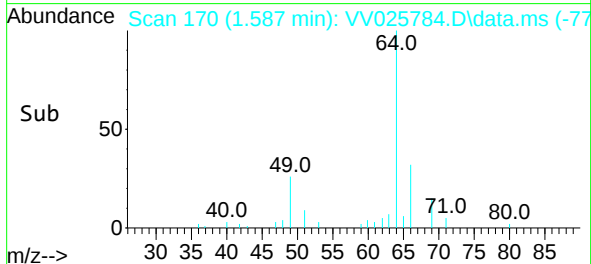
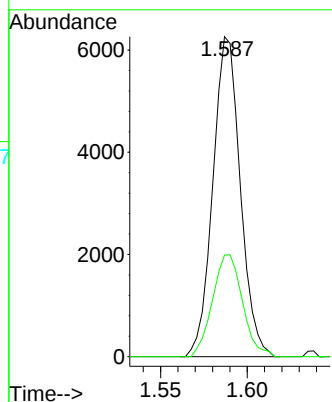
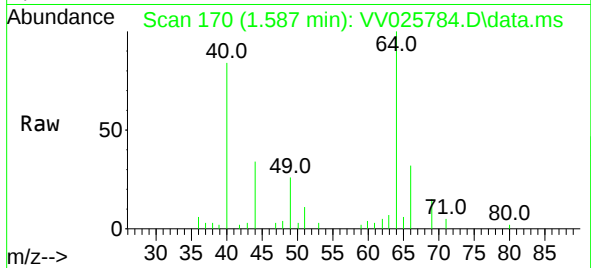




#8
Chloroethane
Concen: 0.540 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

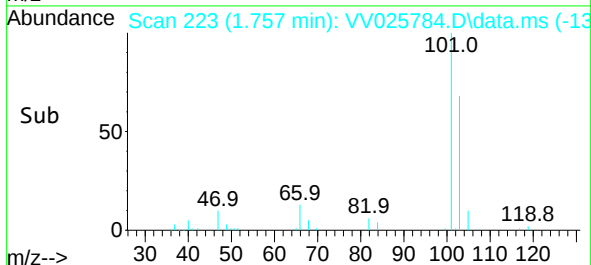
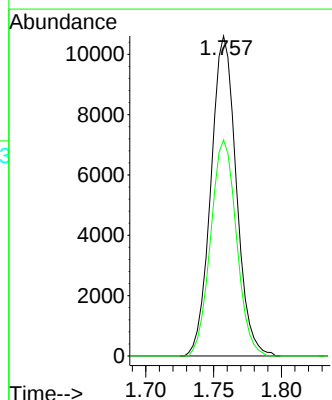
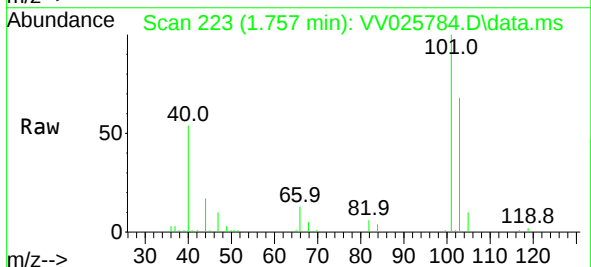
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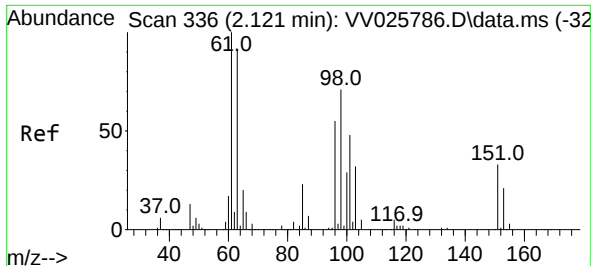
Tgt Ion: 64 Resp: 6887
Ion Ratio Lower Upper
64 100
66 31.7 21.8 40.6



#9
Trichlorofluoromethane
Concen: 0.586 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.000 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 101 Resp: 13804
Ion Ratio Lower Upper
101 100
103 68.5 51.9 77.9

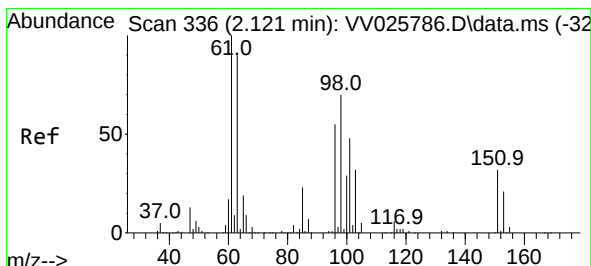
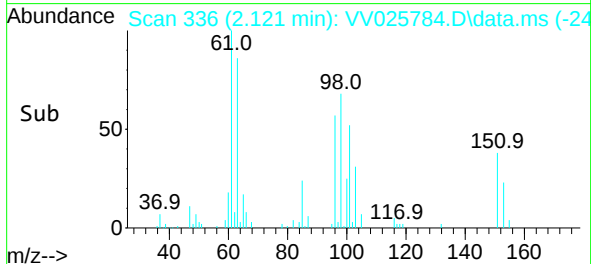
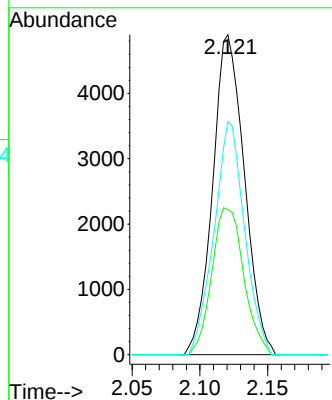
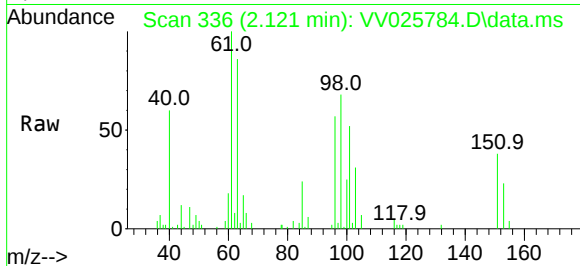




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.607 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025784.D
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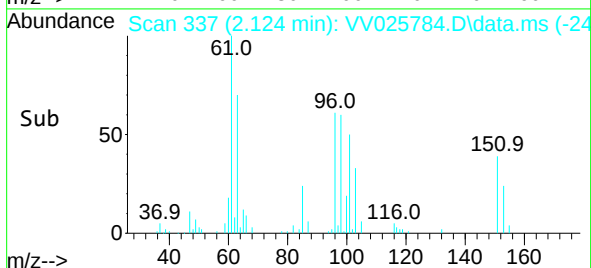
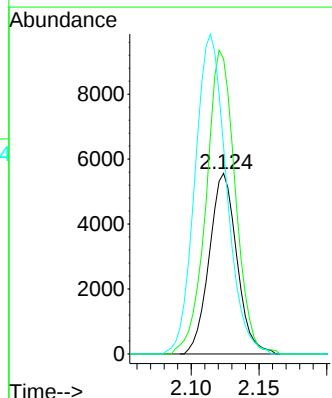
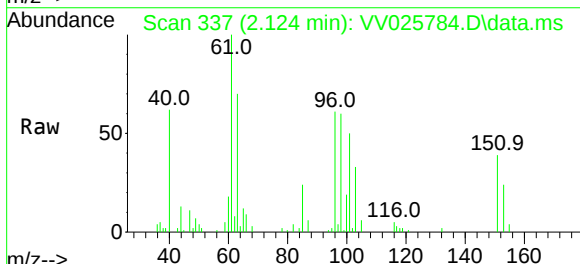
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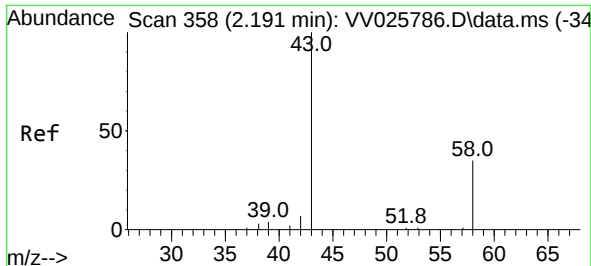
Tgt Ion:	101	Resp:	7979
Ion	Ratio	Lower	Upper
101	100		
85	46.2	35.9	53.9
151	70.3	56.0	84.0



#12
 1,1-Dichloroethene
 Concen: 0.606 ug/L
 RT: 2.124 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

Tgt Ion:	96	Resp:	7865
Ion	Ratio	Lower	Upper
96	100		
61	163.5	125.2	232.4
63	114.9	114.4	212.4





#13

Acetone

Concen: 7.128 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.006 min

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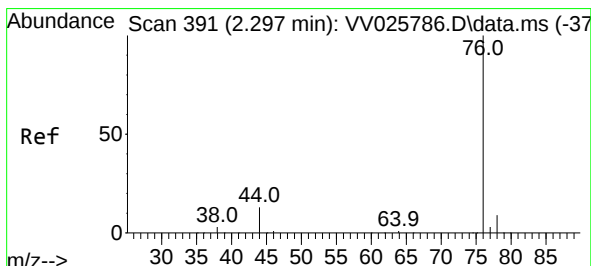
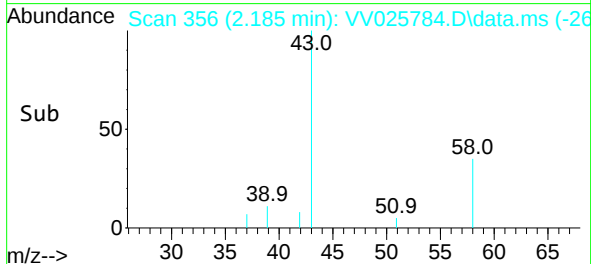
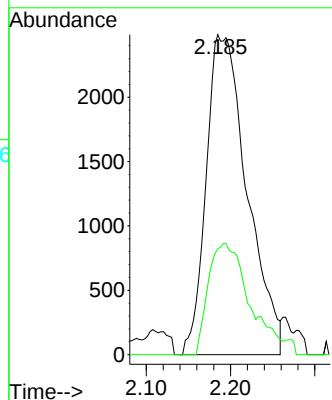
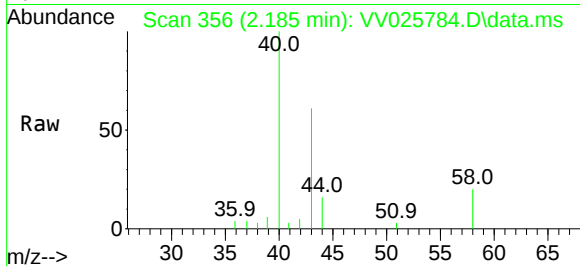
VSTD0.5237

Tgt Ion: 43 Resp: 8394

Ion Ratio Lower Upper

43 100

58 34.7 0.0 72.2



#14

Carbon disulfide

Concen: 0.573 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025784.D

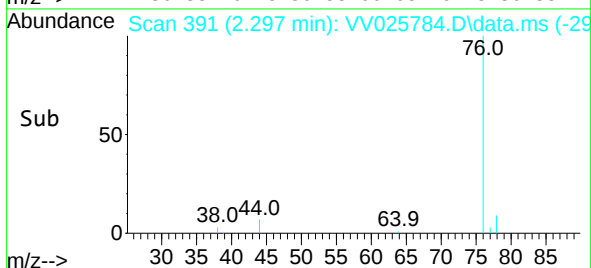
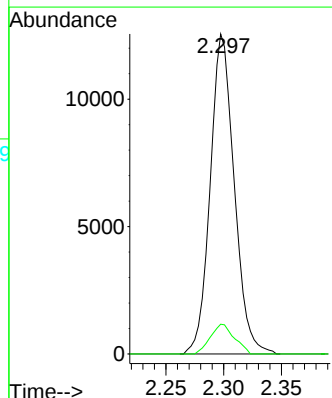
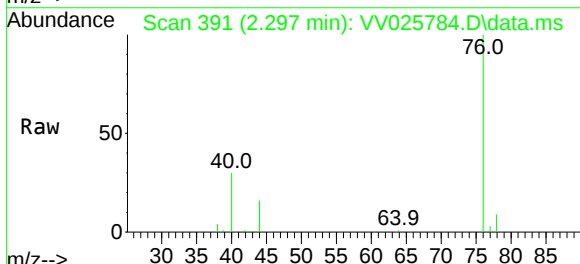
Acq: 03 May 2022 10:49

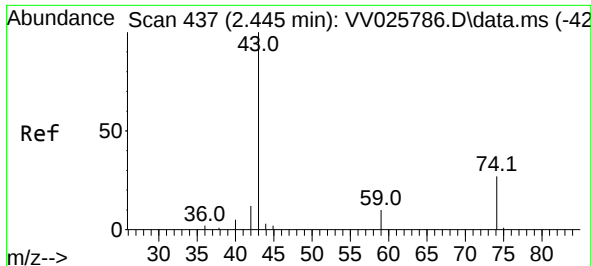
Tgt Ion: 76 Resp: 18156

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9





#15

Methyl Acetate

Concen: 0.395 ug/L

RT: 2.452 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

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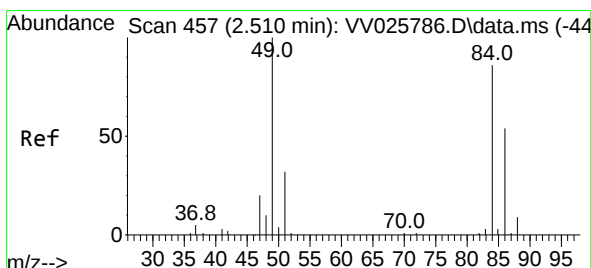
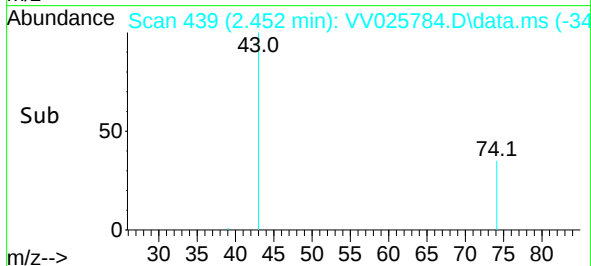
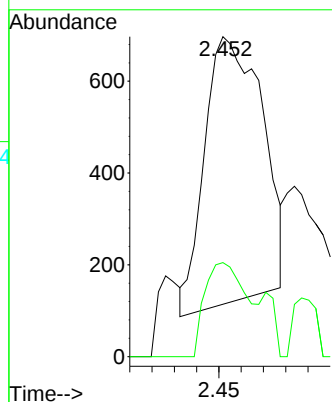
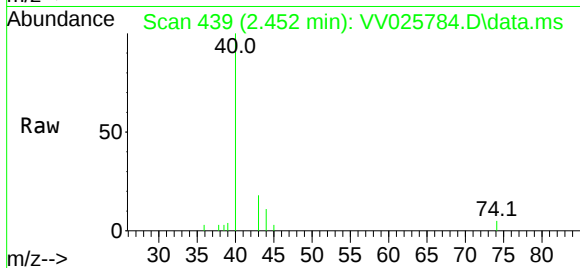
VSTD0.5237

Tgt Ion: 43 Resp: 1044

Ion Ratio Lower Upper

43 100

74 26.2 25.2 37.8



#16

Methylene chloride

Concen: 0.682 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.003 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

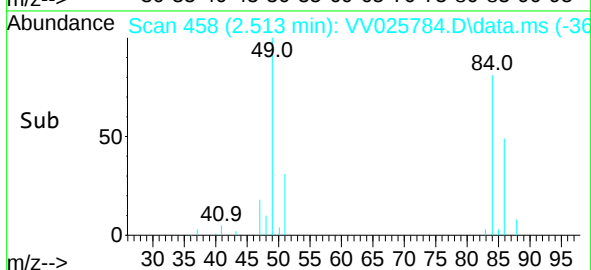
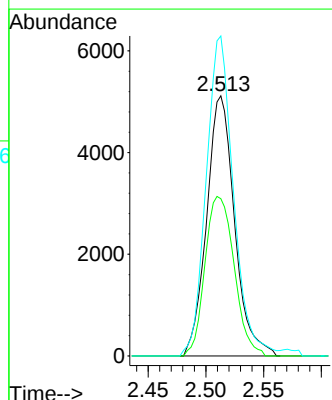
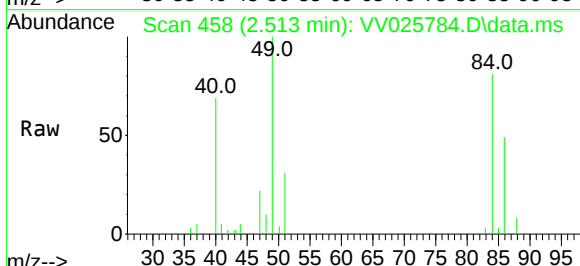
Tgt Ion: 84 Resp: 8610

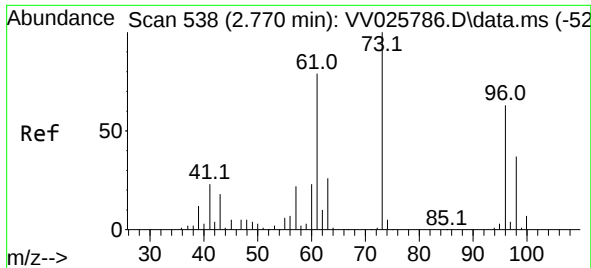
Ion Ratio Lower Upper

84 100

86 60.4 45.9 85.3

49 123.0 76.6 142.3

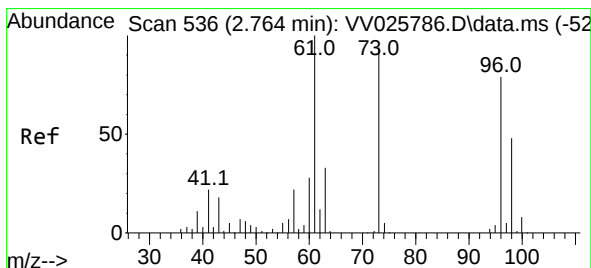
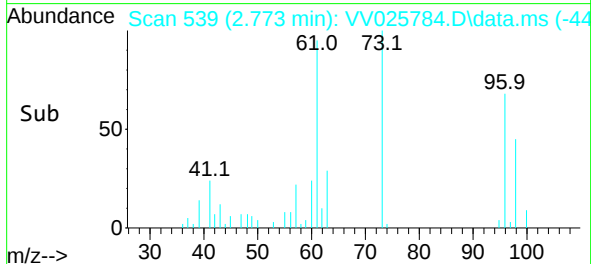
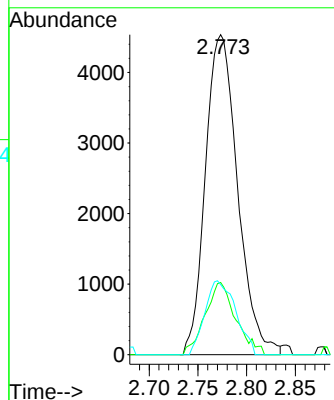
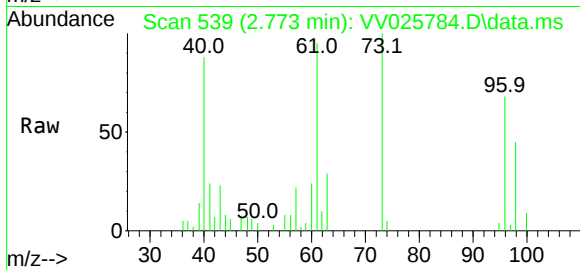




#17
Methyl tert-butyl Ether
Concen: 0.519 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

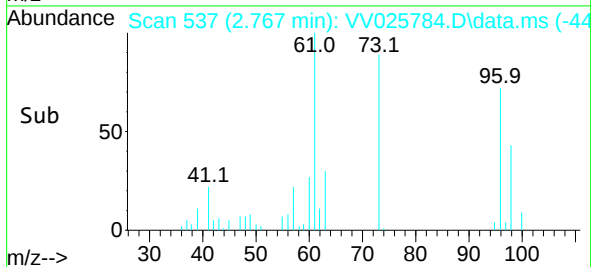
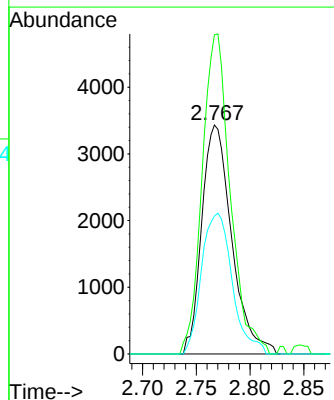
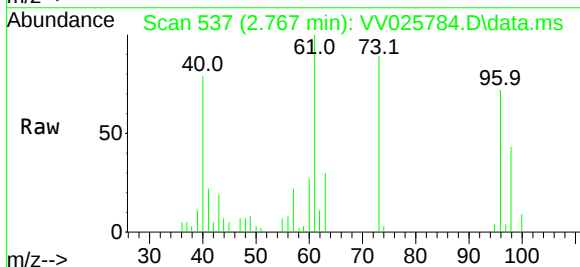
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

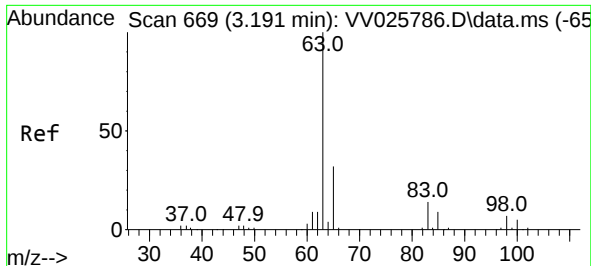
Tgt Ion: 73 Resp: 10444
Ion Ratio Lower Upper
73 100
43 21.4 14.2 21.4#
57 22.1 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 0.604 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 96 Resp: 6642
Ion Ratio Lower Upper
96 100
61 139.5 92.1 171.1
98 60.2 47.5 88.1

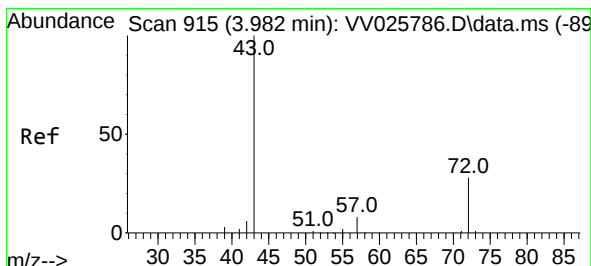
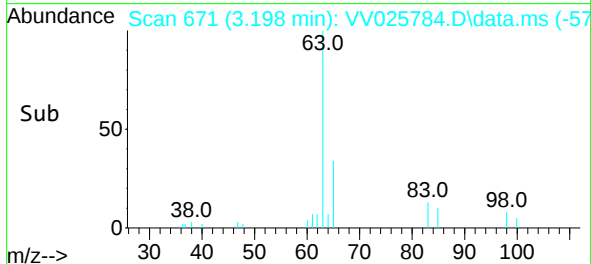
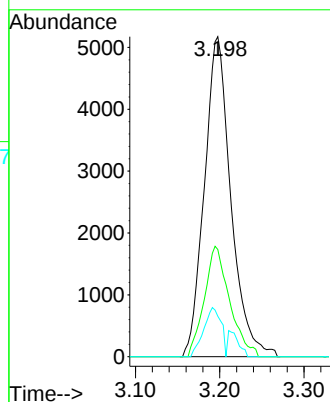
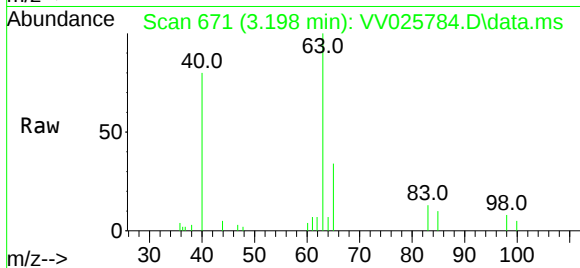




#19
1,1-Dichloroethane
Concen: 0.597 ug/L
RT: 3.198 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

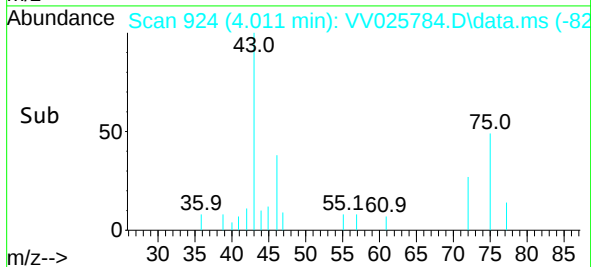
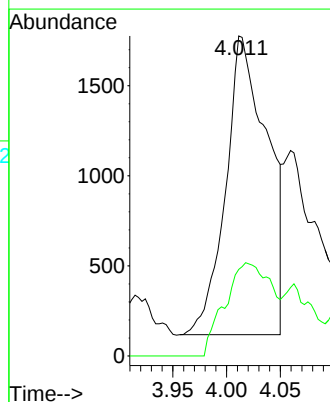
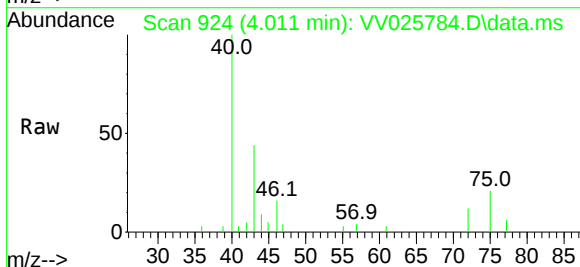
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

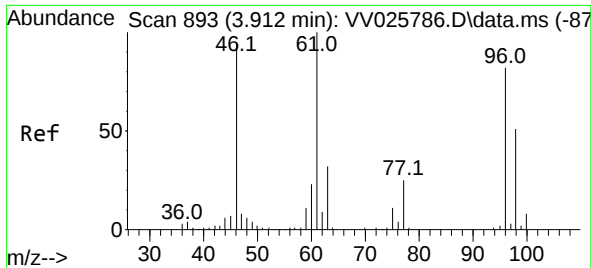
Tgt Ion: 63 Resp: 11305
Ion Ratio Lower Upper
63 100
65 33.5 23.2 43.0
83 12.6 9.0 16.8



#21
2-Butanone
Concen: 2.717 ug/L
RT: 4.011 min Scan# 924
Delta R.T. 0.029 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 43 Resp: 4461
Ion Ratio Lower Upper
43 100
72 35.2 15.2 45.6

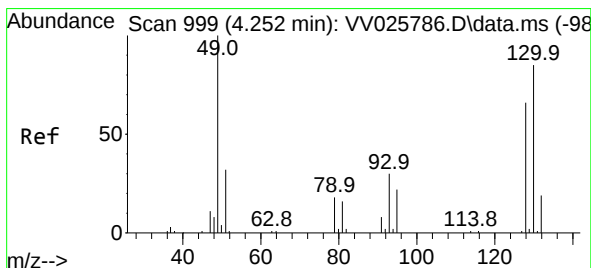
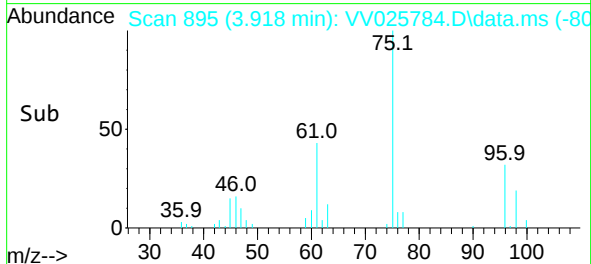
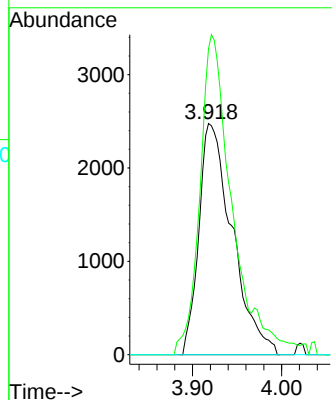
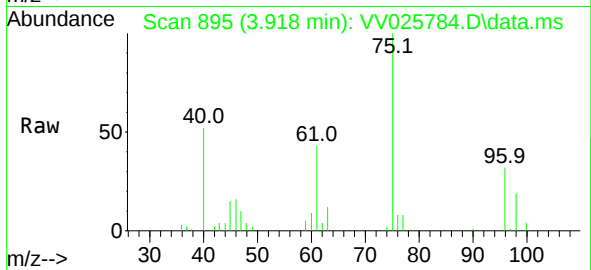




#22
 cis-1,2-Dichloroethene
 Concen: 0.561 ug/L
 RT: 3.918 min Scan# 893
 Delta R.T. 0.006 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

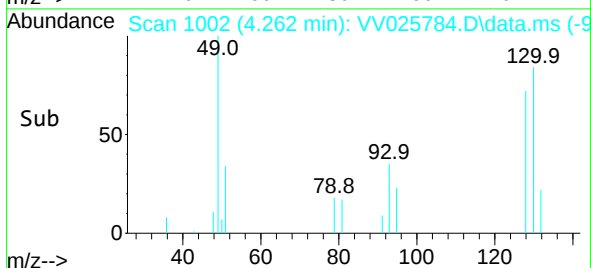
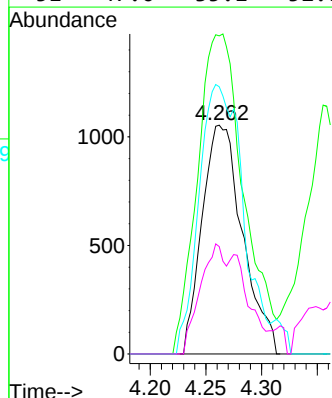
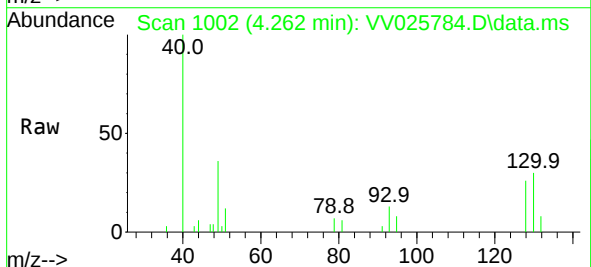
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5237

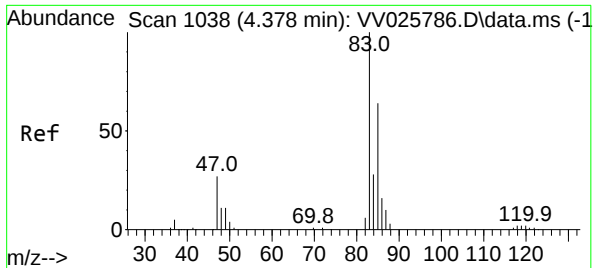
Tgt Ion: 96	Resp: 6435
Ion Ratio	Lower Upper
96 100	
61 132.3	80.0 148.6
68 0.0	0.0 0.0



#23
 Bromochloromethane
 Concen: 0.556 ug/L
 RT: 4.262 min Scan# 1002
 Delta R.T. 0.010 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

Tgt	Ion:128	Resp:	2664
Ion	Ratio	Lower	Upper
128	100		
49	139.0	100.5	186.7
130	116.8	87.8	163.0
51	47.0	35.1	52.7

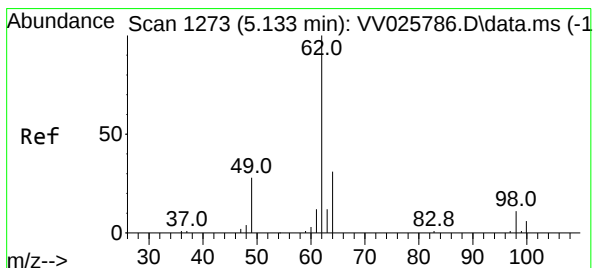
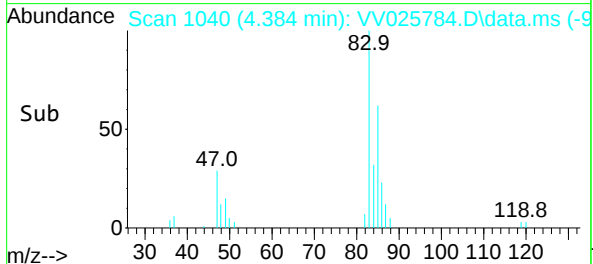
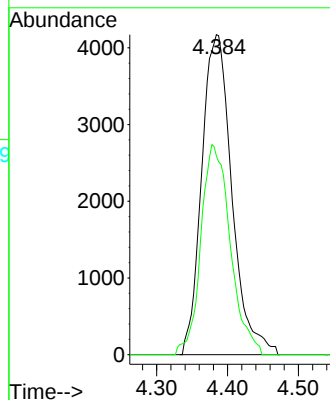
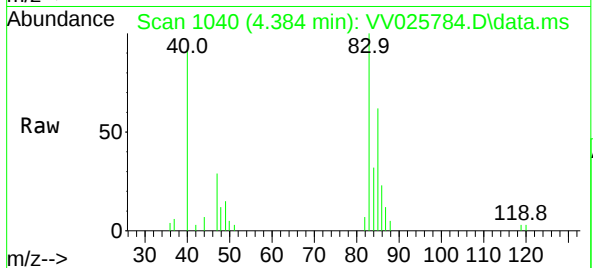




#25
Chloroform
Concen: 0.622 ug/L
RT: 4.384 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

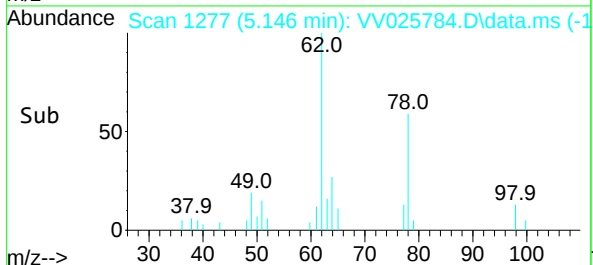
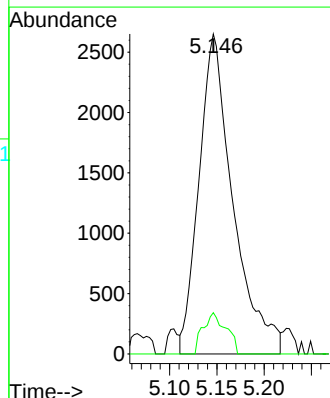
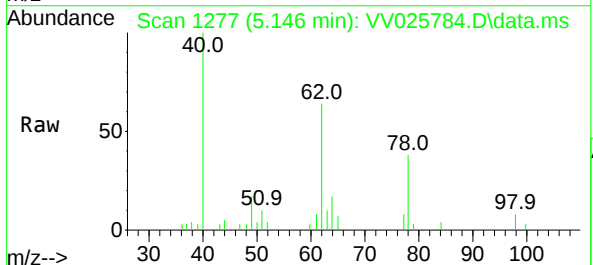
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

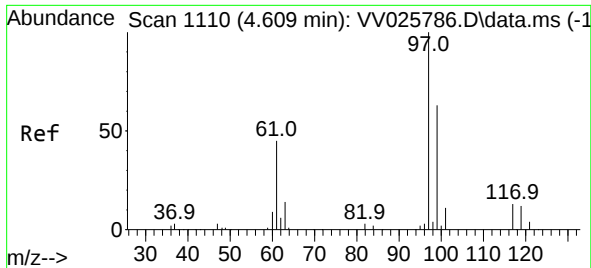
Tgt Ion: 83 Resp: 12339
Ion Ratio Lower Upper
83 100
85 62.1 43.5 80.7



#27
1,2-Dichloroethane
Concen: 0.628 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.013 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 62 Resp: 6632
Ion Ratio Lower Upper
62 100
98 12.9 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 0.582 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5237

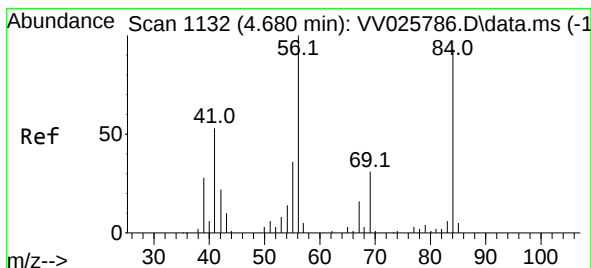
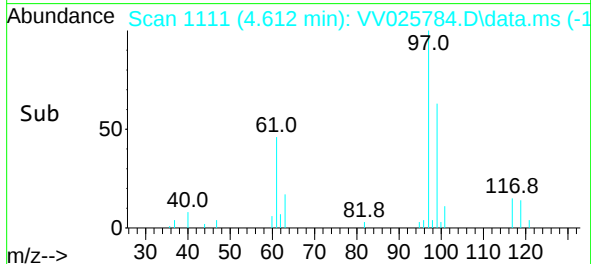
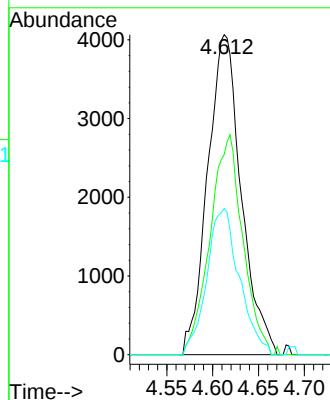
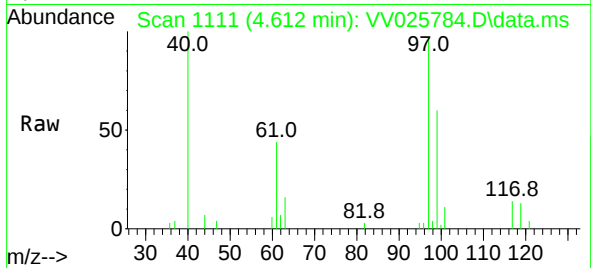
Tgt Ion: 97 Resp: 10355

Ion Ratio Lower Upper

97 100

99 66.7 51.5 77.3

61 44.5 34.3 51.5



#30

Cyclohexane

Concen: 0.508 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

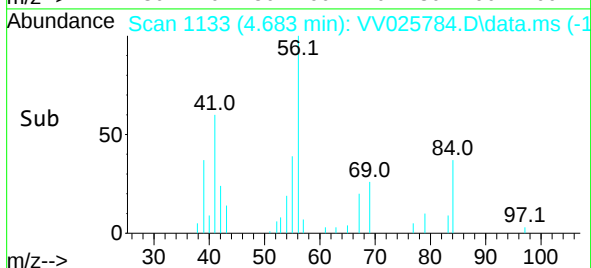
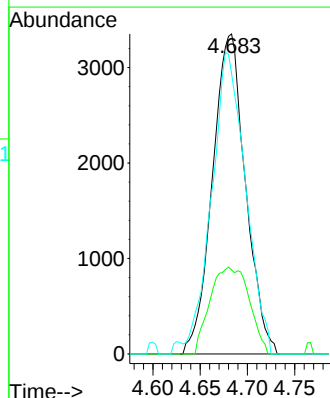
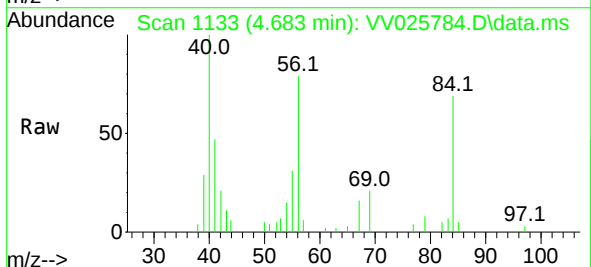
Tgt Ion: 56 Resp: 8150

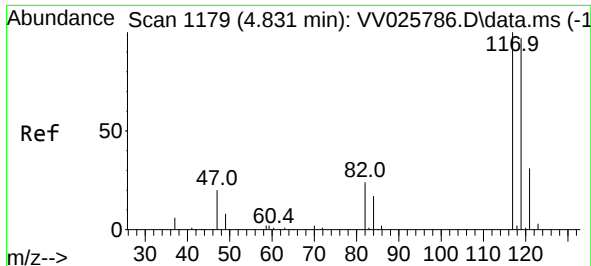
Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 96.5 78.6 118.0

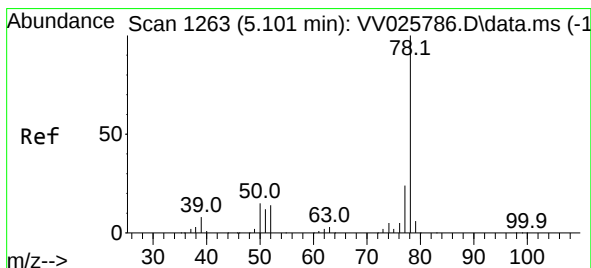
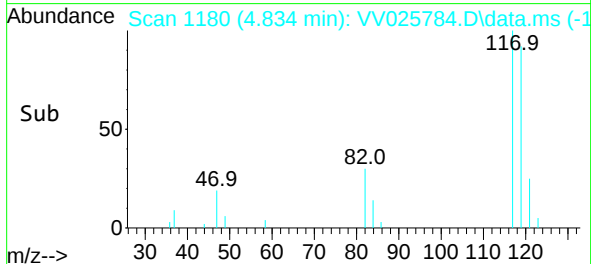
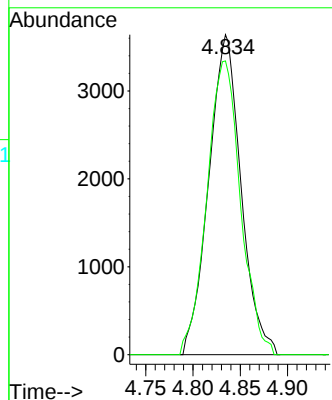
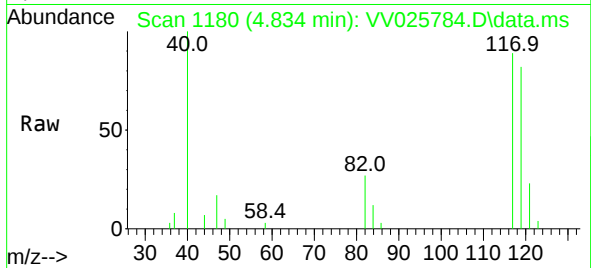




#31
Carbon tetrachloride
Concen: 0.577 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

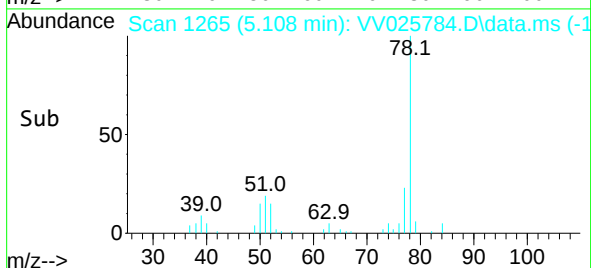
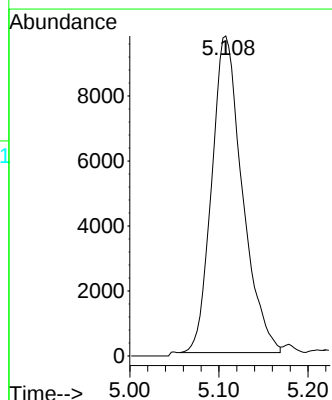
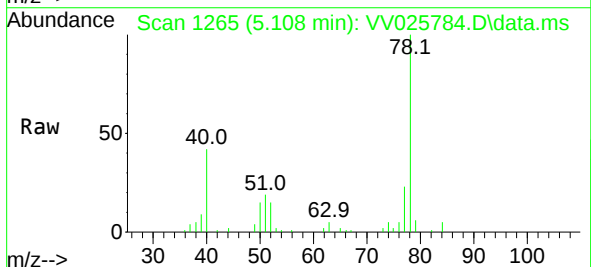
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

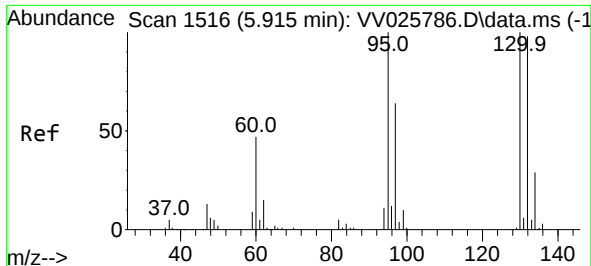
Tgt Ion:117 Resp: 8651
Ion Ratio Lower Upper
117 100
119 95.6 76.6 114.8



#33
Benzene
Concen: 0.524 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 78 Resp: 23324



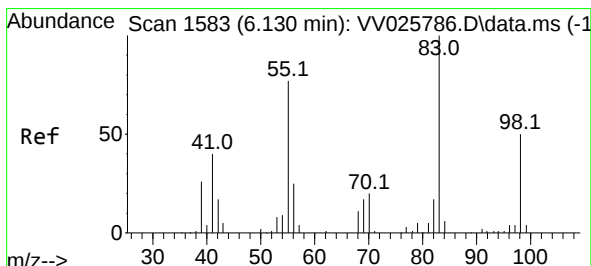
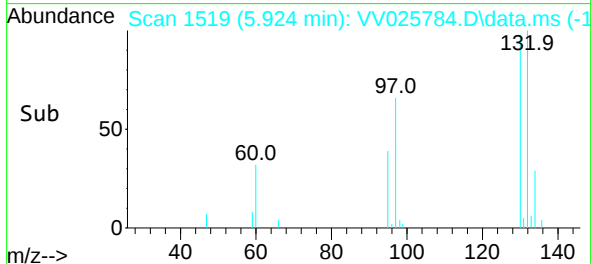
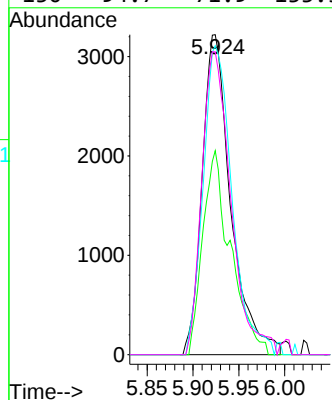
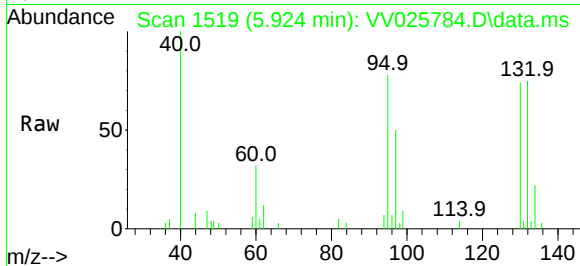


#34
Trichloroethene
Concen: 0.602 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.010 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

Tgt Ion: 95 Resp: 7015

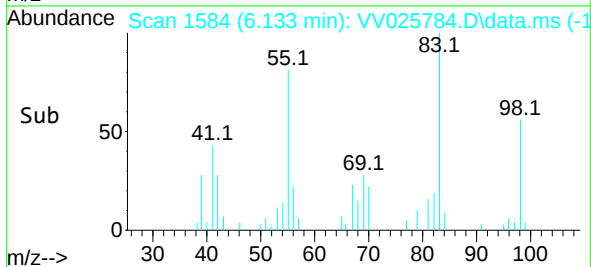
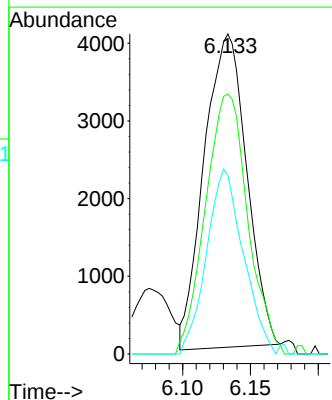
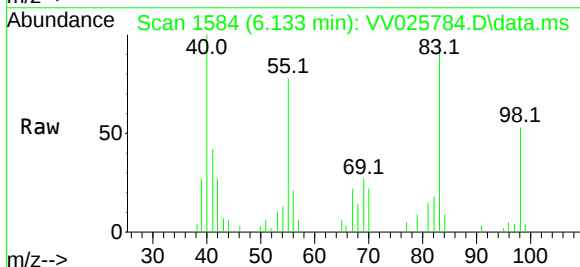
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.8	85.2
132	96.6	68.0	126.4
130	94.7	71.9	133.5

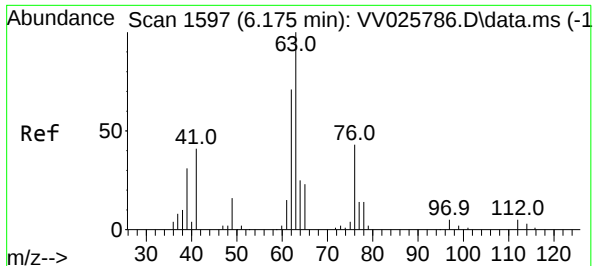


#35
Methylcyclohexane
Concen: 0.472 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 83 Resp: 8807

Ion	Ratio	Lower	Upper
83	100		
55	82.5	53.7	80.5#
98	51.0	39.6	59.4





#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

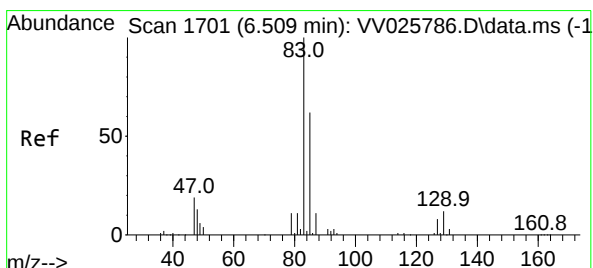
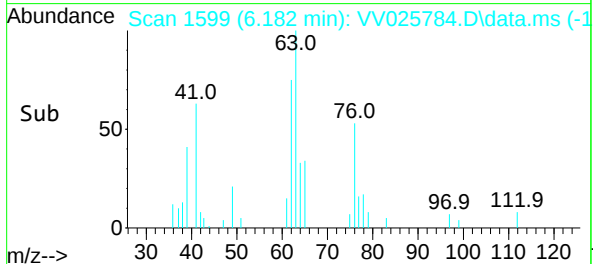
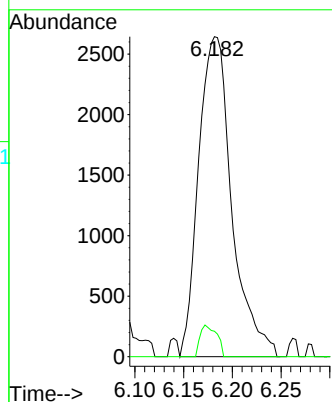
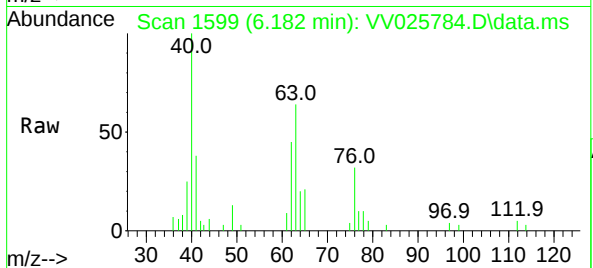
VSTD0.5237

Tgt Ion: 63 Resp: 6282

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 0.601 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

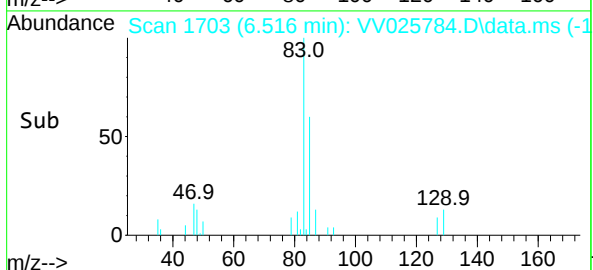
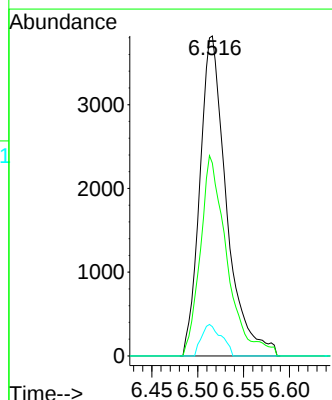
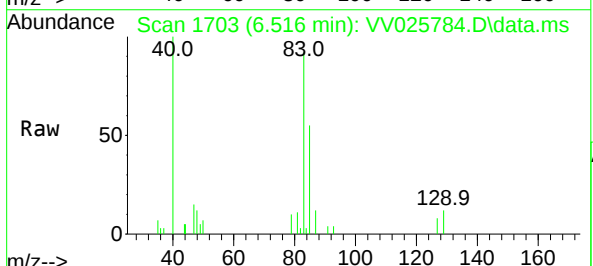
Tgt Ion: 83 Resp: 7709

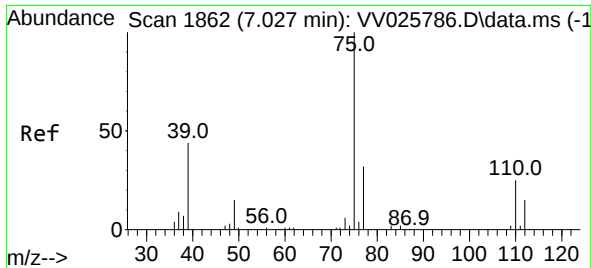
Ion Ratio Lower Upper

83 100

85 60.2 44.4 82.4

127 9.1 7.2 10.8

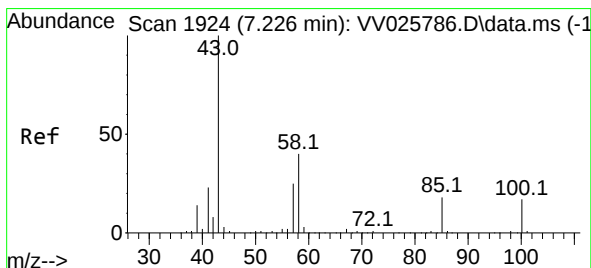
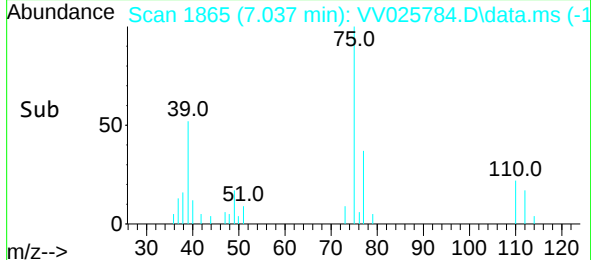
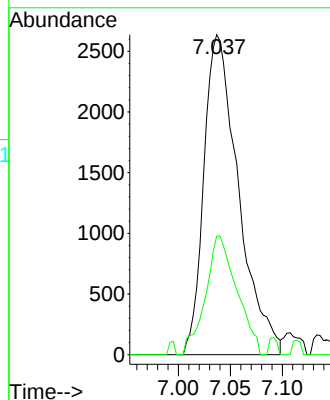
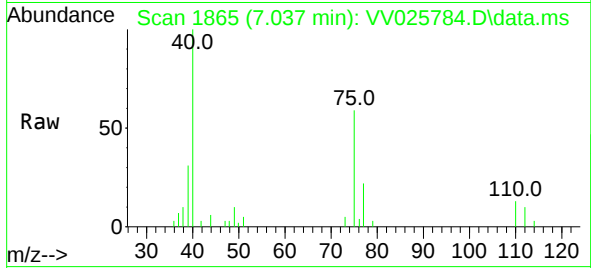




#39
 cis-1,3-Dichloropropene
 Concen: 0.457 ug/L
 RT: 7.037 min Scan# 11
 Delta R.T. 0.010 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

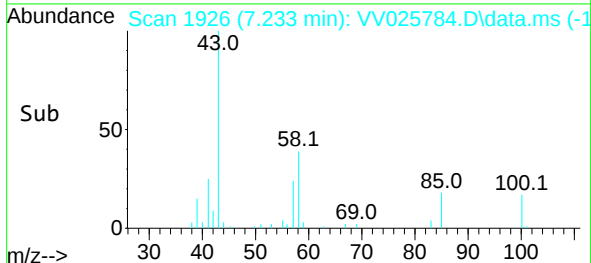
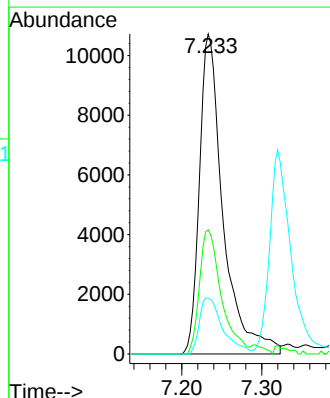
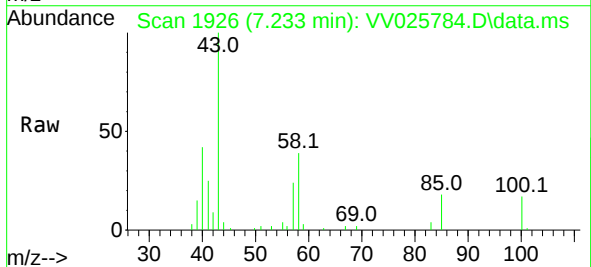
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5237

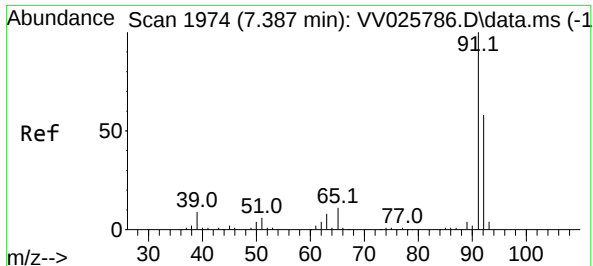
Tgt Ion: 75 Resp: 6103
 Ion Ratio Lower Upper
 75 100
 77 37.0 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 5.238 ug/L
 RT: 7.233 min Scan# 1926
 Delta R.T. 0.006 min
 Lab File: VV025784.D
 Acq: 03 May 2022 10:49

Tgt Ion: 43 Resp: 22029
 Ion Ratio Lower Upper
 43 100
 58 35.9 35.1 52.7
 100 17.3 15.3 22.9





#42

Toluene

Concen: 0.511 ug/L

RT: 7.394 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

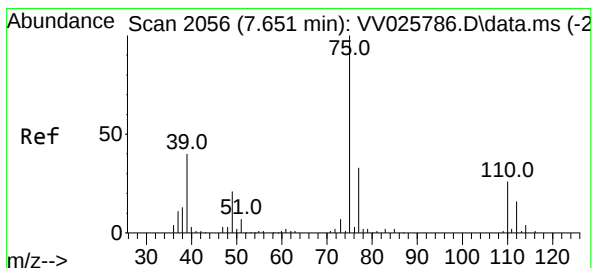
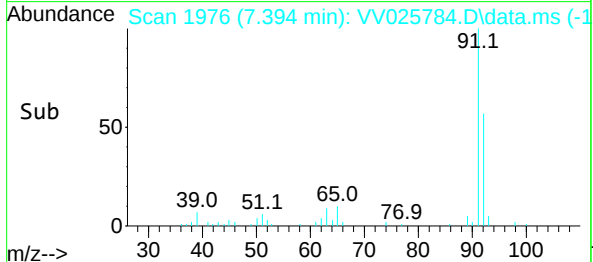
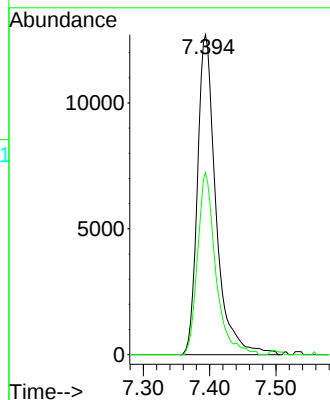
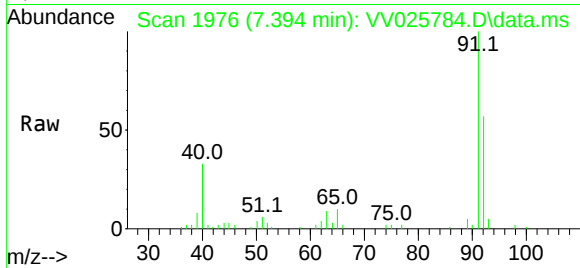
VSTD0.5237

Tgt Ion: 91 Resp: 24591

Ion Ratio Lower Upper

91 100

92 56.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.461 ug/L

RT: 7.664 min Scan# 2060

Delta R.T. 0.013 min

Lab File: VV025784.D

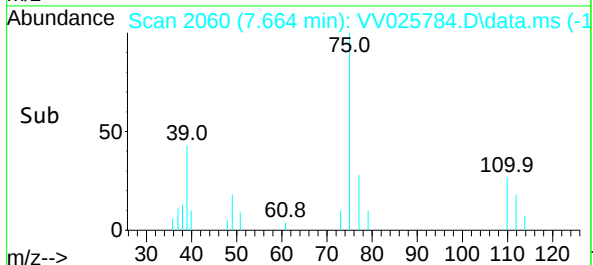
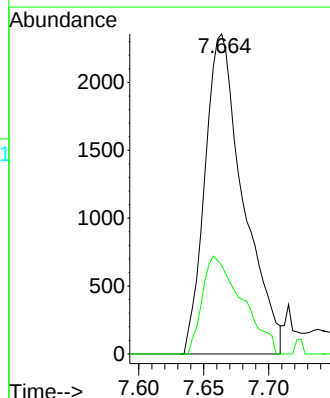
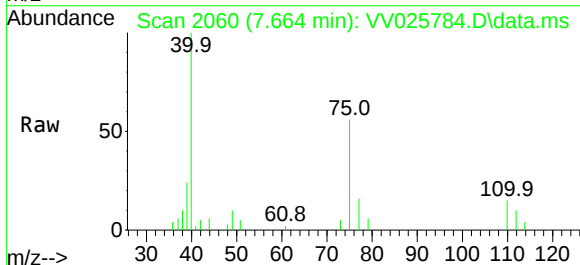
Acq: 03 May 2022 10:49

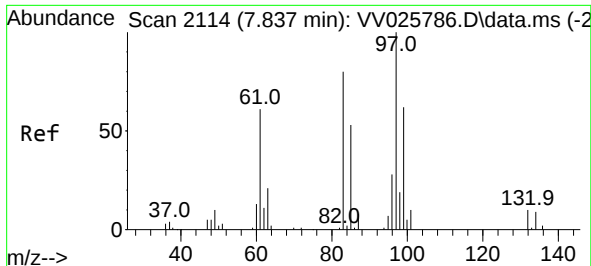
Tgt Ion: 75 Resp: 4839

Ion Ratio Lower Upper

75 100

77 27.7 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 0.567 ug/L

RT: 7.844 min Scan# 2114

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5237

Tgt Ion: 97 Resp: 3896

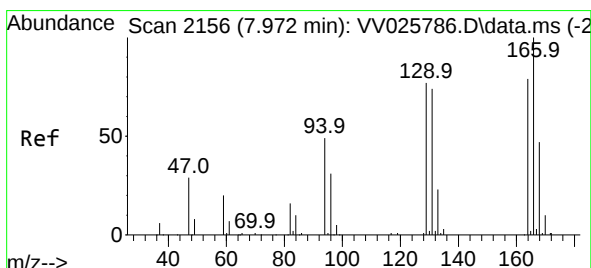
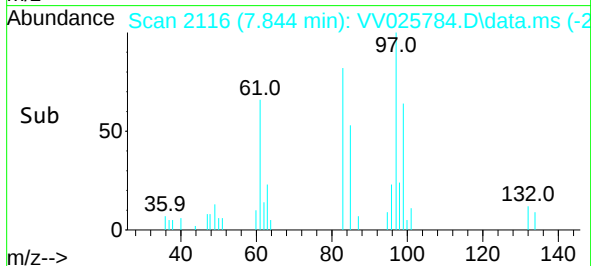
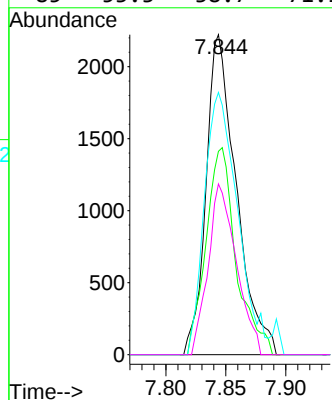
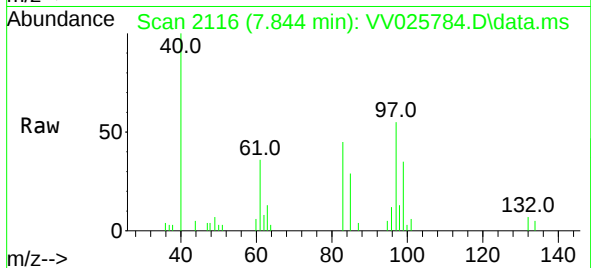
Ion Ratio Lower Upper

97 100

99 63.5 43.8 81.4

83 82.0 60.3 112.1

85 53.3 38.7 71.9



#47

Tetrachloroethene

Concen: 0.780 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Tgt Ion: 164 Resp: 7151

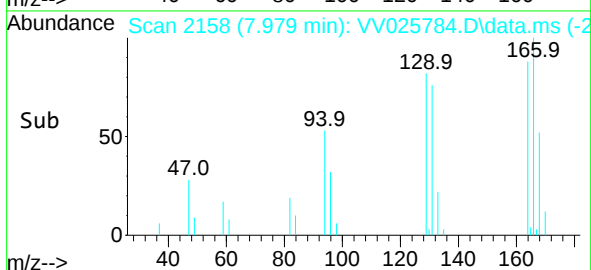
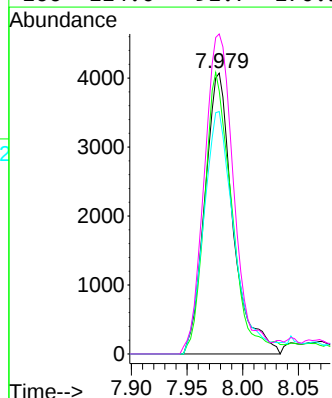
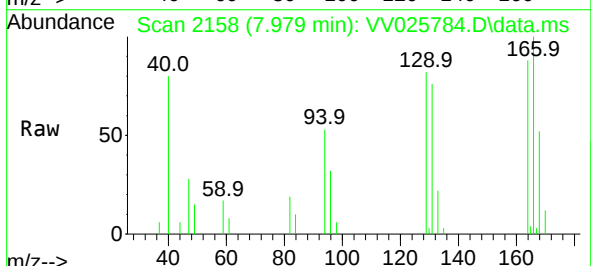
Ion Ratio Lower Upper

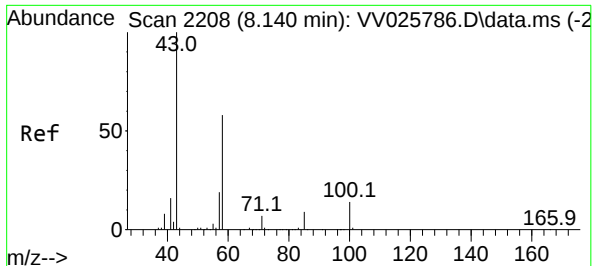
164 100

129 93.6 66.8 124.2

131 86.4 66.4 123.4

166 114.0 91.7 170.3

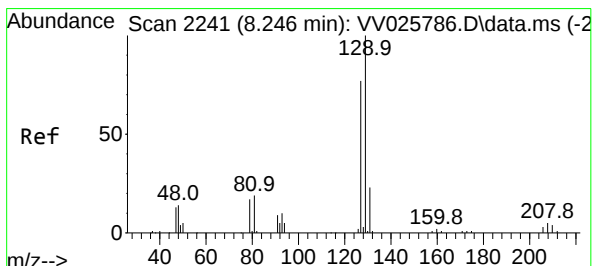
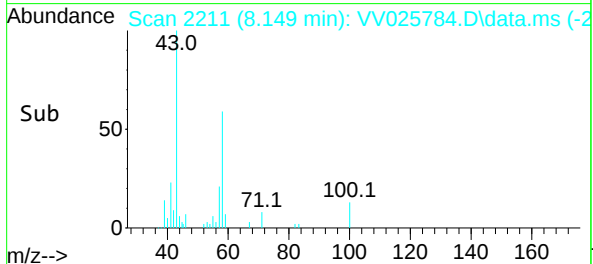
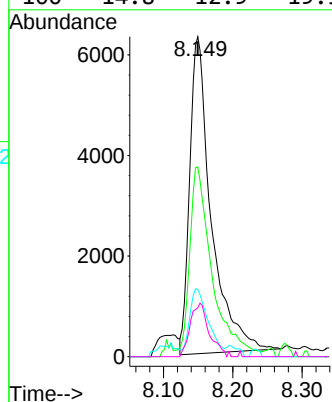
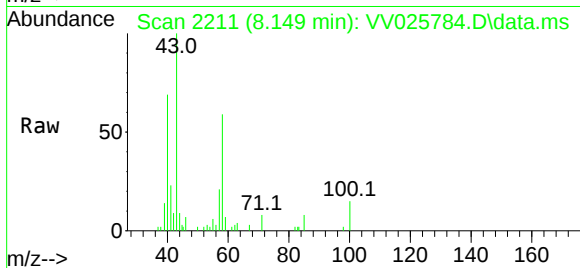




#48
2-Hexanone
Concen: 4.629 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.010 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

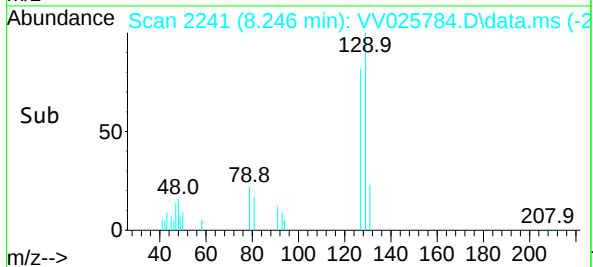
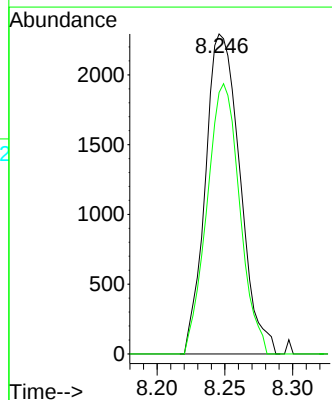
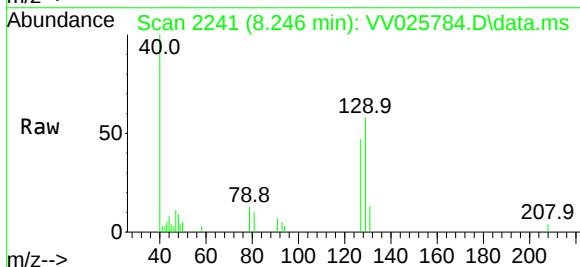
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

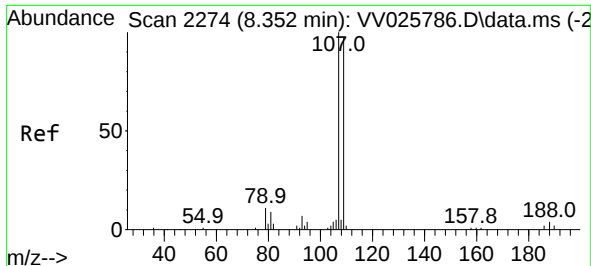
Tgt Ion: 43	Resp: 13632
Ion Ratio	Lower Upper
43 100	
58 62.5	49.7 74.5
57 16.0	16.4 24.6#
100 14.8	12.9 19.3



#49
Dibromochloromethane
Concen: 0.541 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion:129	Resp:	4069	
Ion	Ratio	Lower	Upper
129	100		
127	81.7	53.8	100.0





#50

1,2-Dibromoethane

Concen: 0.541 ug/L

RT: 8.361 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV025784.D

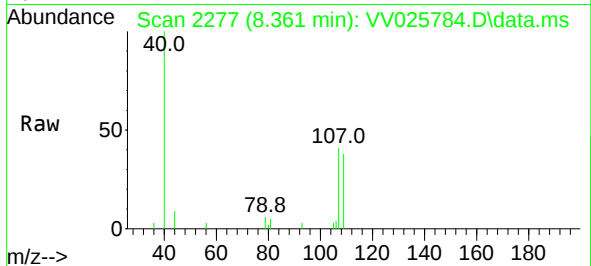
Acq: 03 May 2022 10:49

Instrument :

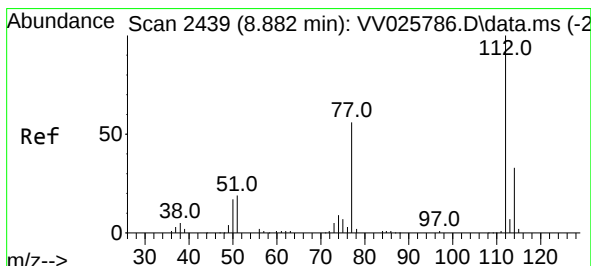
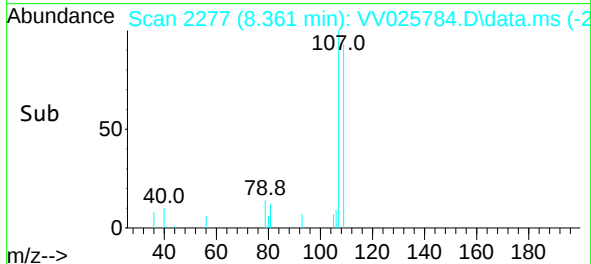
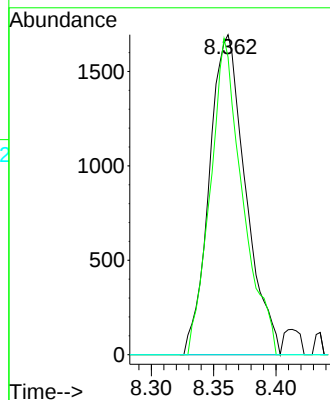
MSVOA_V

ClientSampleId :

VSTD0.5237



Tgt Ion:107	Resp:	3434
Ion Ratio	Lower	Upper
107	100	
109	93.0	65.9 122.3
188	0.0	2.7 4.1#



#51

Chlorobenzene

Concen: 0.536 ug/L

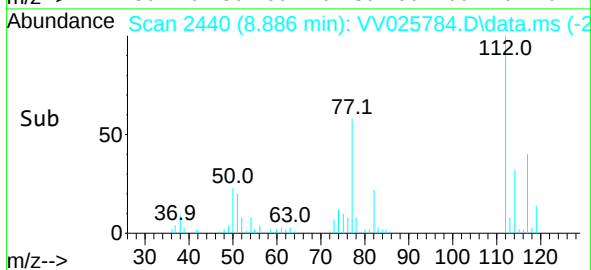
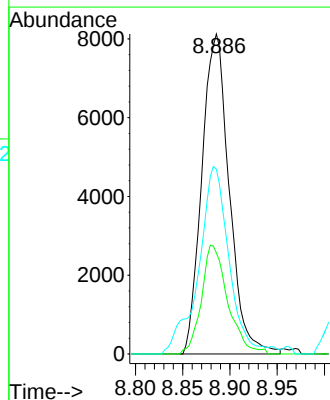
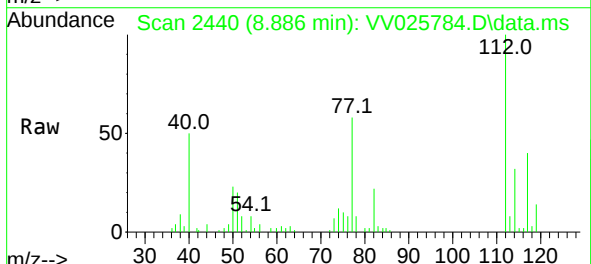
RT: 8.886 min Scan# 2440

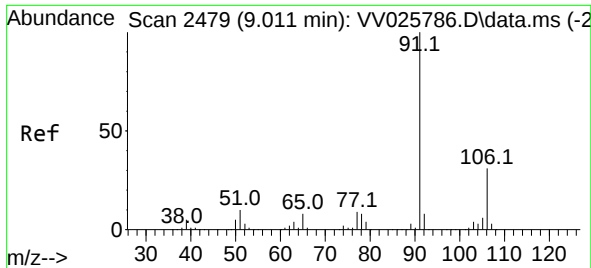
Delta R.T. 0.003 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Tgt Ion:112	Resp:	16372
Ion Ratio	Lower	Upper
112	100	
114	31.6	22.4 41.6
77	57.8	43.7 65.5

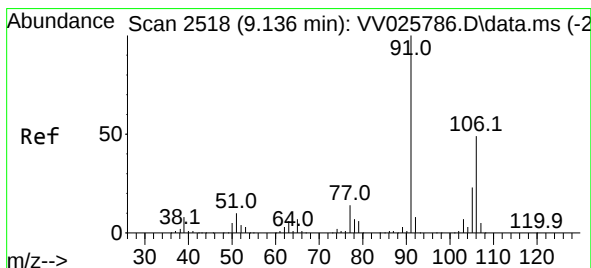
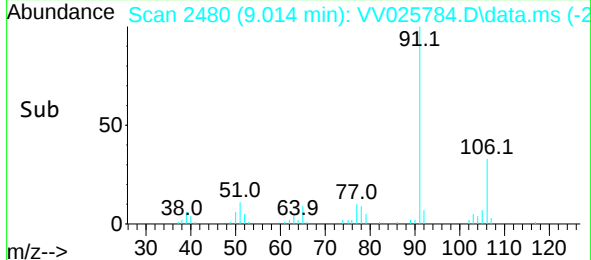
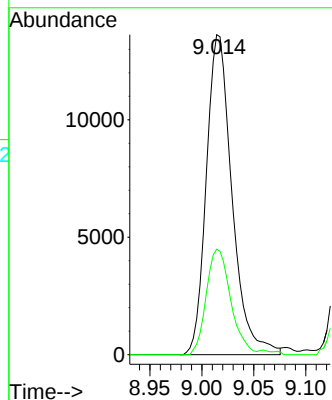
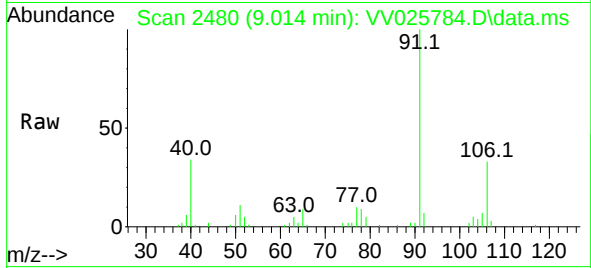




#52
Ethylbenzene
Concen: 0.461 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

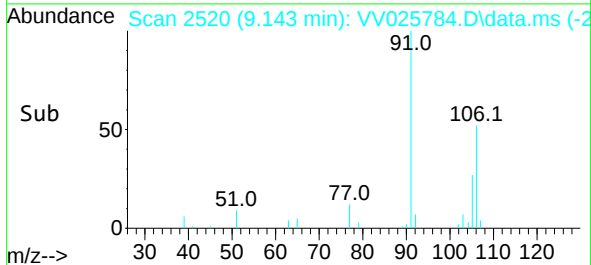
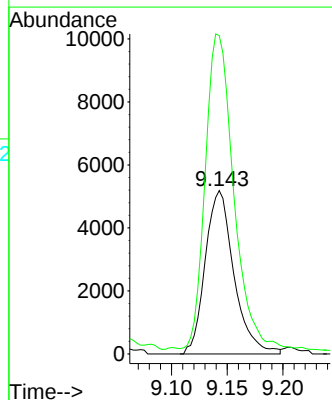
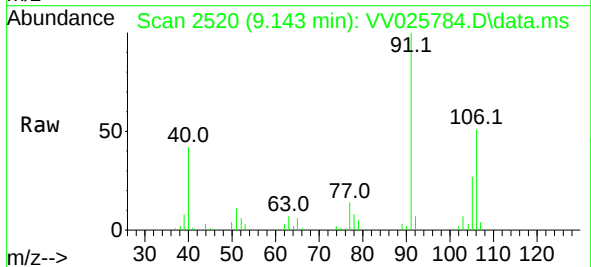
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

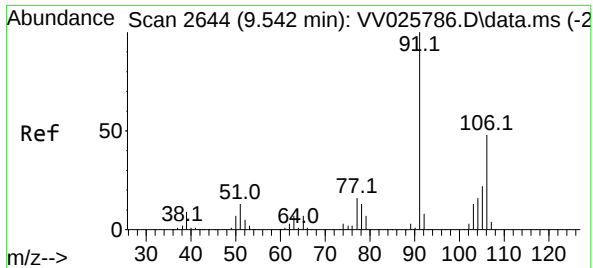
Tgt Ion: 91 Resp: 23438
Ion Ratio Lower Upper
91 100
106 33.0 22.3 41.3



#53
m,p-Xylene
Concen: 0.481 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 106 Resp: 9303
Ion Ratio Lower Upper
106 100
91 194.9 136.4 253.4

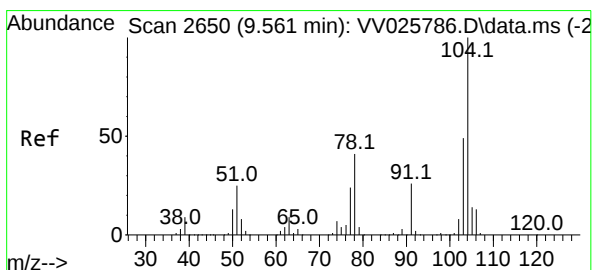
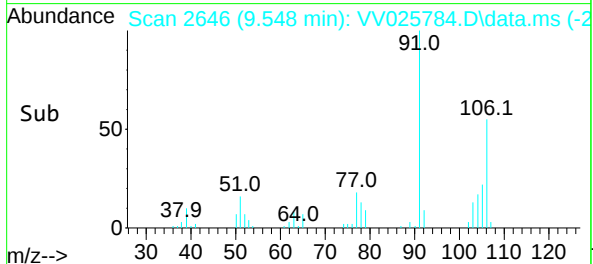
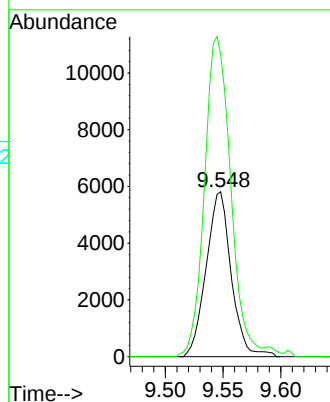
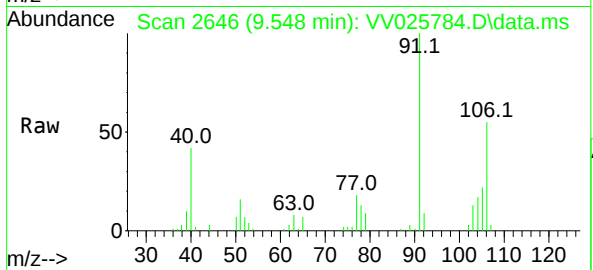




#54
o-Xylene
Concen: 0.466 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

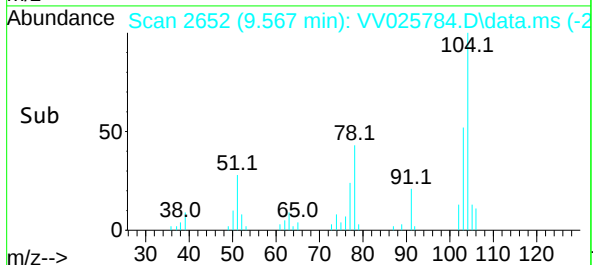
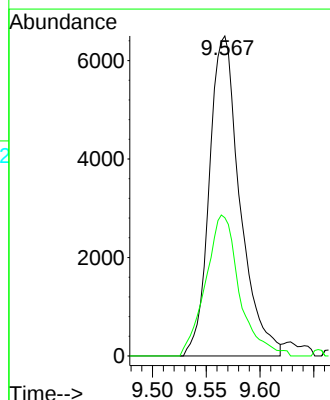
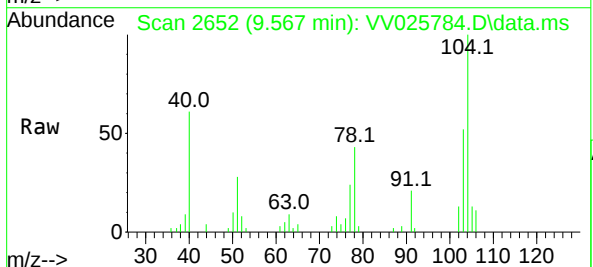
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

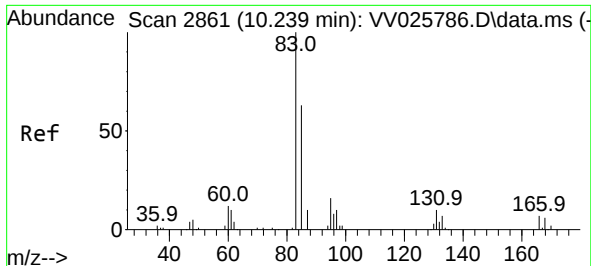
Tgt Ion:106 Resp: 8763
Ion Ratio Lower Upper
106 100
91 182.8 150.4 279.2



#55
Styrene
Concen: 0.417 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion:104 Resp: 12874
Ion Ratio Lower Upper
104 100
78 43.2 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 0.621 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5237

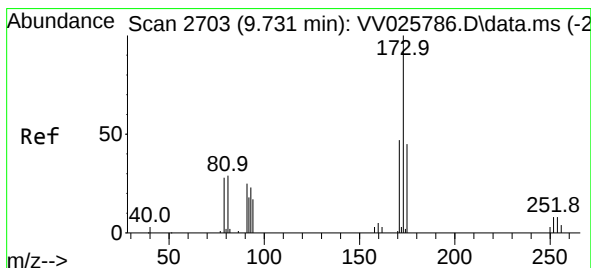
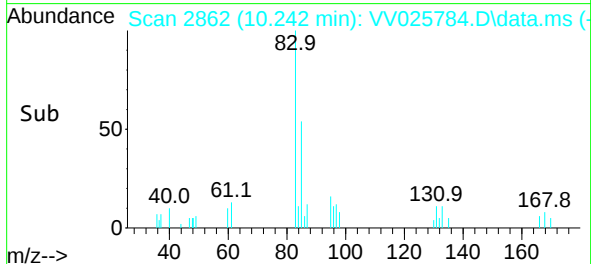
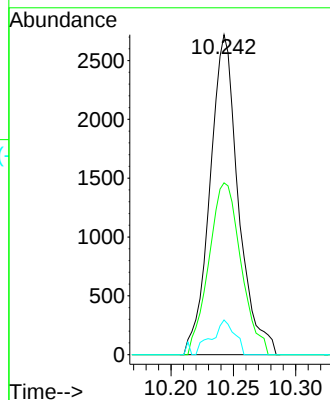
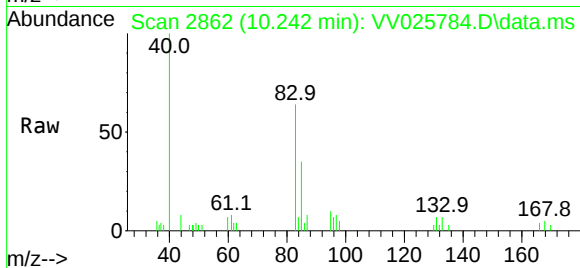
Tgt Ion: 83 Resp: 4303

Ion Ratio Lower Upper

83 100

85 53.7 45.1 83.9

131 10.8 7.9 11.9



#59

Bromoform

Concen: 0.549 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

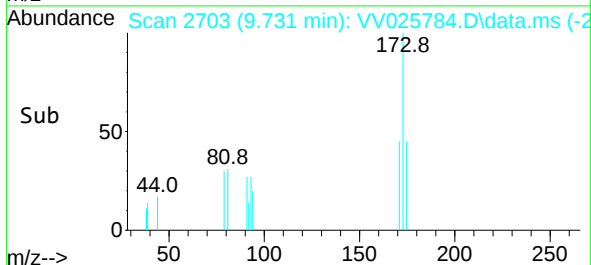
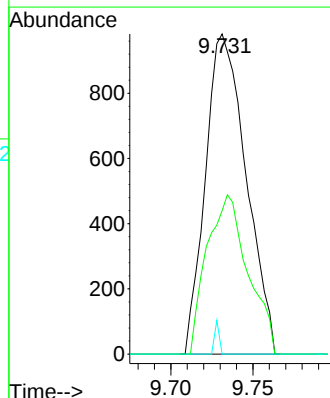
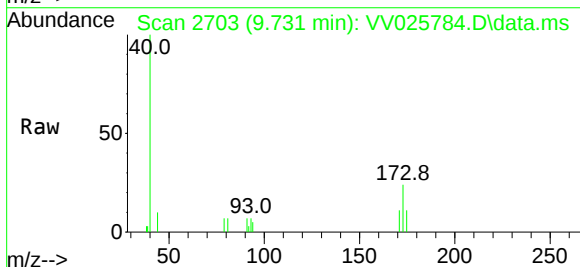
Tgt Ion: 173 Resp: 1688

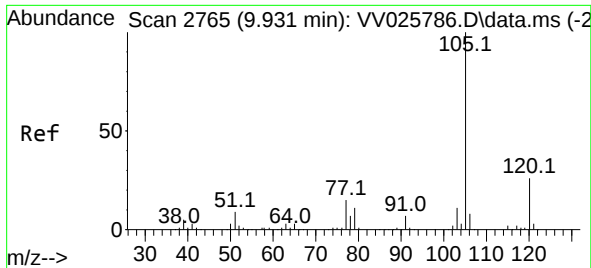
Ion Ratio Lower Upper

173 100

175 50.4 40.8 61.2

254 1.2 7.0 10.6#

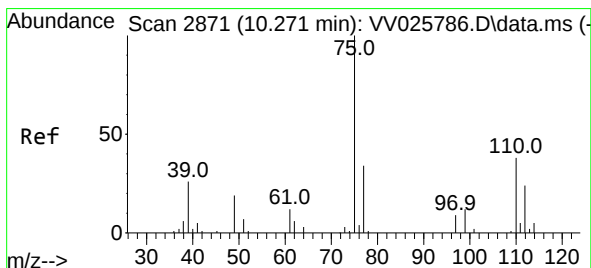
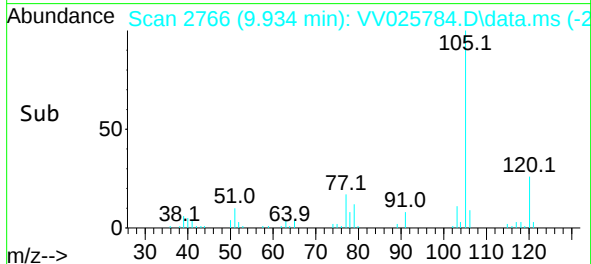
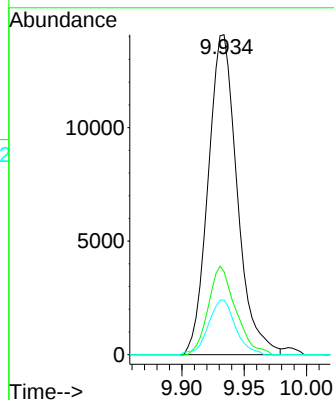
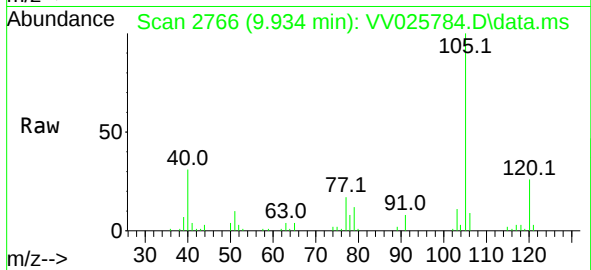




#60
Isopropylbenzene
Concen: 0.503 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

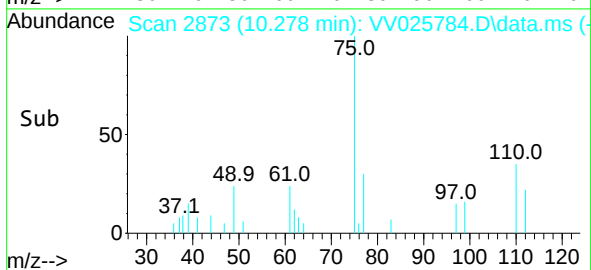
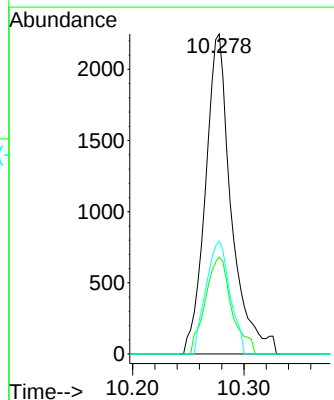
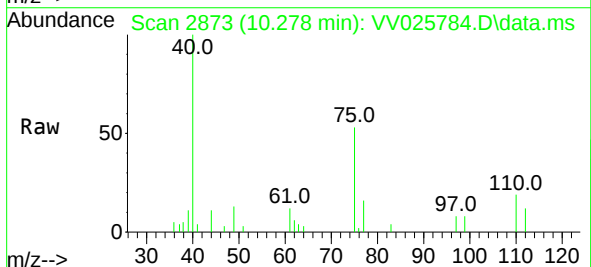
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

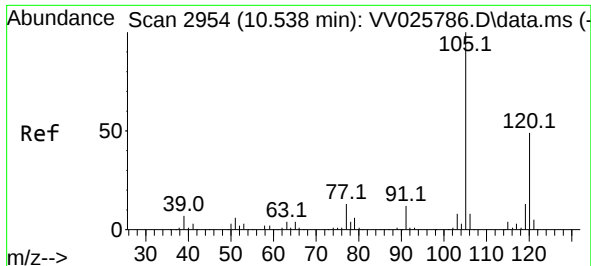
Tgt Ion:105 Resp: 22844
Ion Ratio Lower Upper
105 100
120 26.0 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 0.741 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 75 Resp: 3628
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4
110 32.5 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.492 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025784.D

Acq: 03 May 2022 10:49

Instrument :

MSVOA_V

ClientSampleId :

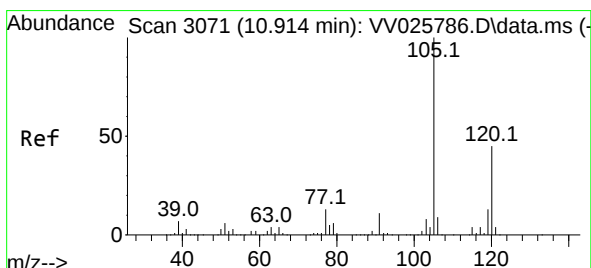
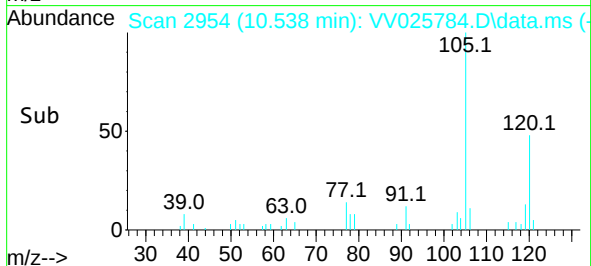
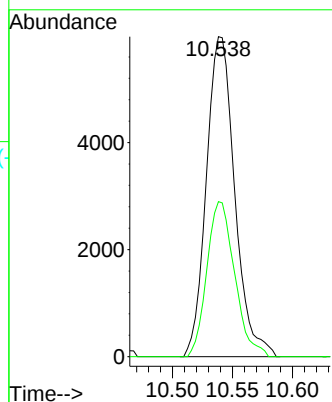
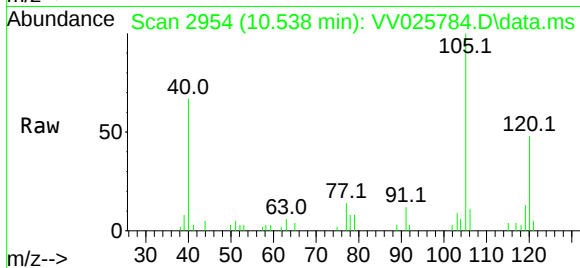
VSTD0.5237

Tgt Ion:105 Resp: 9836

Ion Ratio Lower Upper

105 100

120 47.4 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 0.470 ug/L

RT: 10.914 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV025784.D

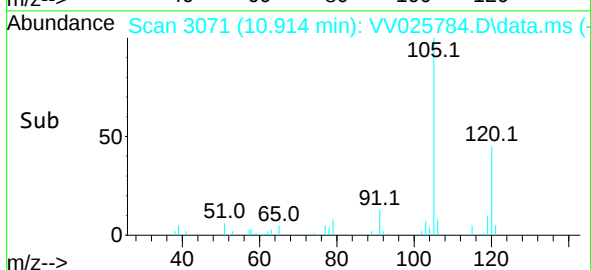
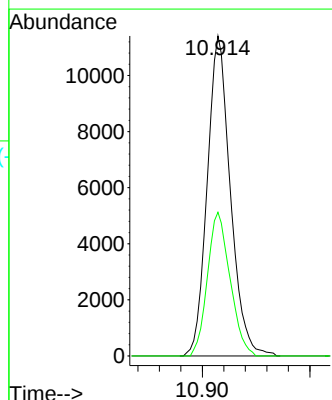
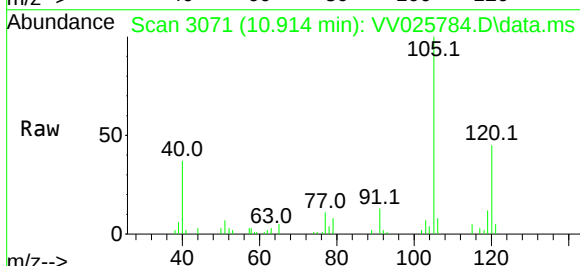
Acq: 03 May 2022 10:49

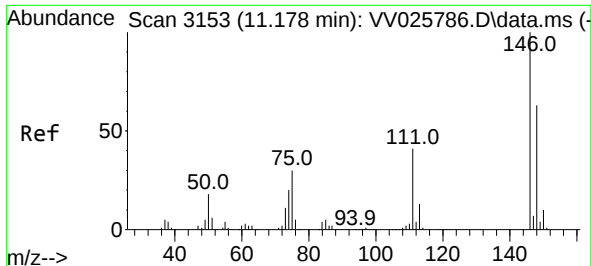
Tgt Ion:105 Resp: 17055

Ion Ratio Lower Upper

105 100

120 43.7 36.6 55.0

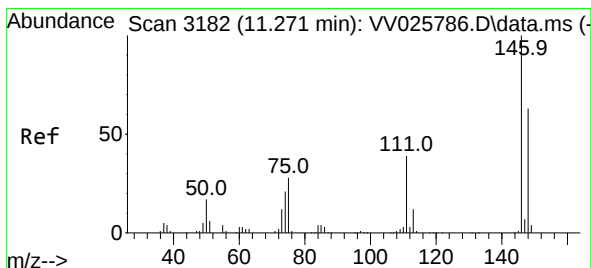
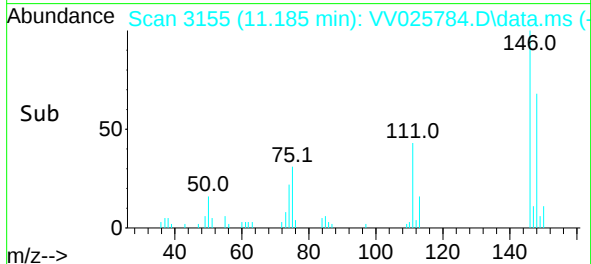
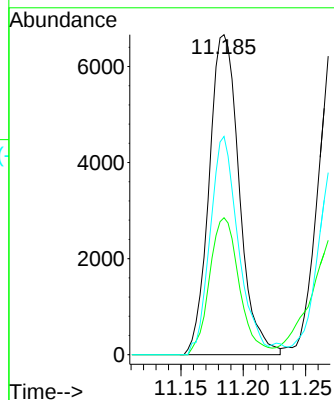
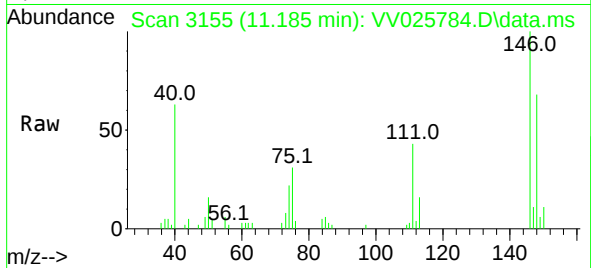




#64
1,3-Dichlorobenzene
Concen: 0.530 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

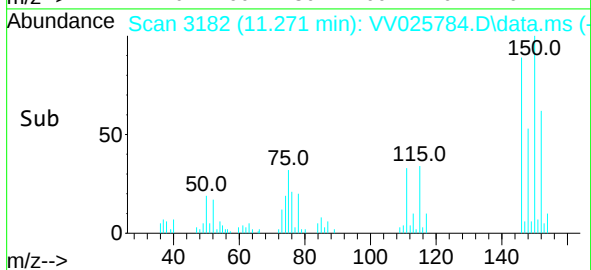
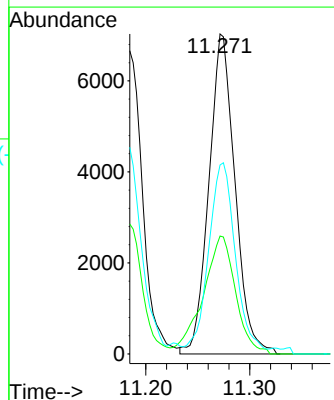
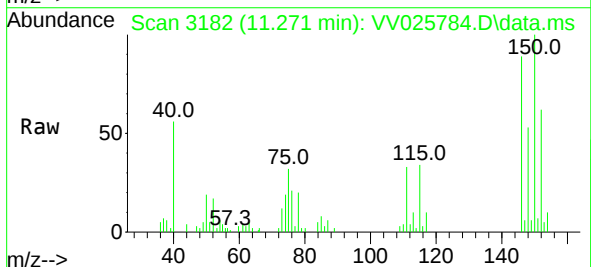
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

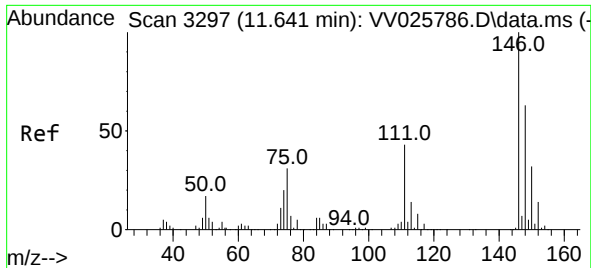
Tgt Ion:146 Resp: 11208
Ion Ratio Lower Upper
146 100
111 42.8 27.4 50.8
148 68.2 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 0.573 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion:146 Resp: 12271
Ion Ratio Lower Upper
146 100
111 36.8 26.7 49.7
148 59.1 42.8 79.6

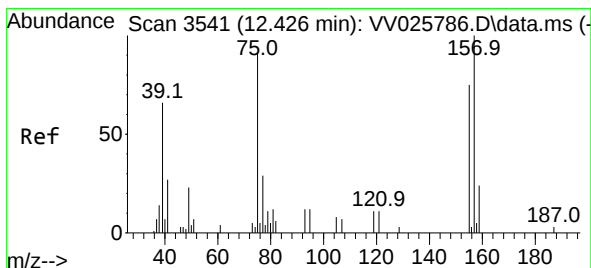
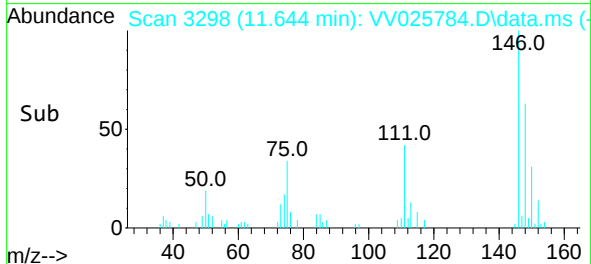
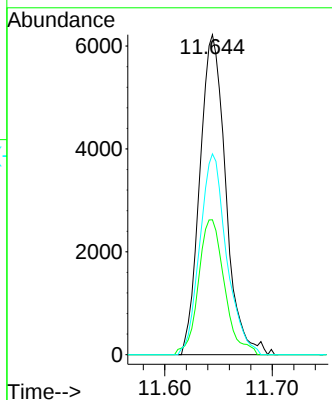
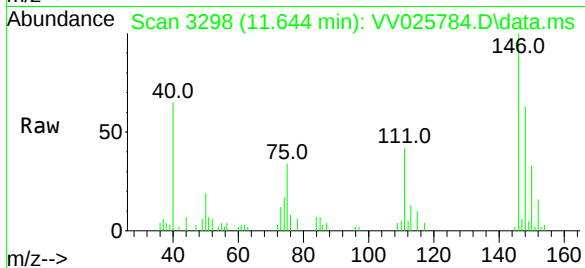




#67
1,2-Dichlorobenzene
Concen: 0.557 ug/L
RT: 11.644 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

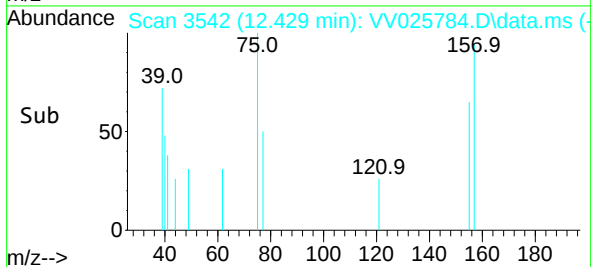
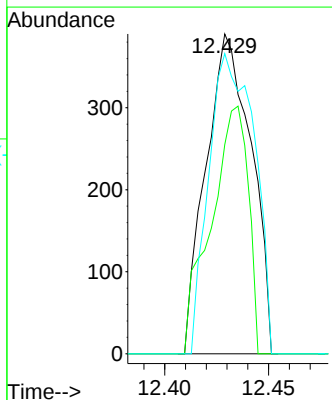
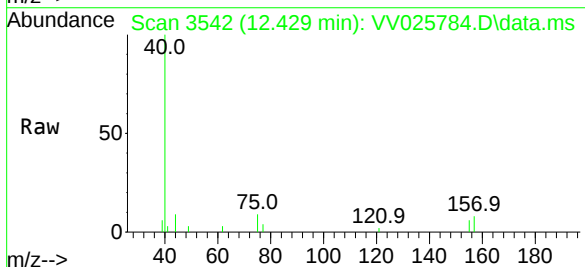
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

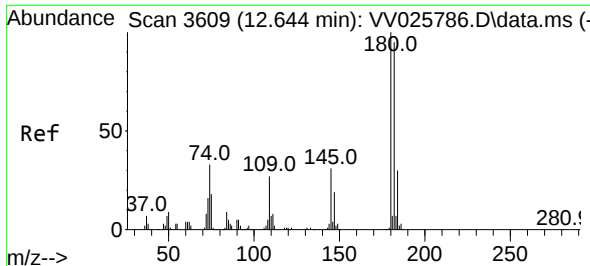
Tgt Ion:146 Resp: 10422
Ion Ratio Lower Upper
146 100
111 42.2 33.6 50.4
148 62.7 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 0.680 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion: 75 Resp: 591
Ion Ratio Lower Upper
75 100
155 65.4 65.8 98.8#
157 93.8 86.6 130.0

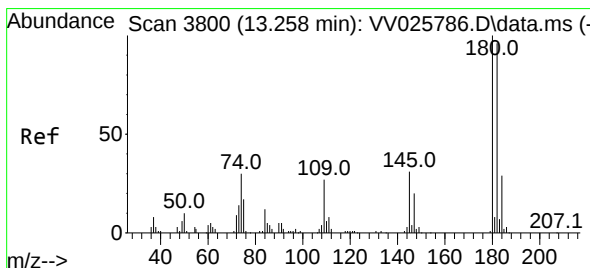
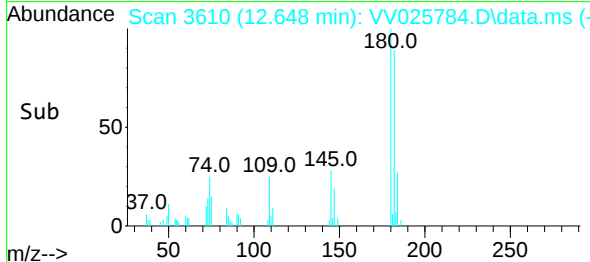
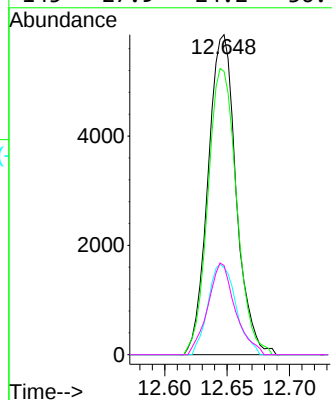
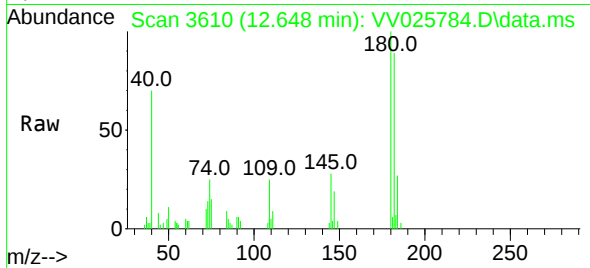




#69
1,3,5-Trichlorobenzene
Concen: 0.575 ug/L
RT: 12.648 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

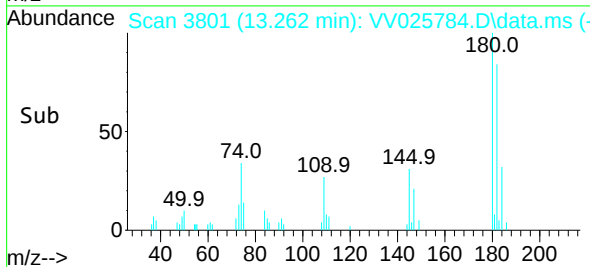
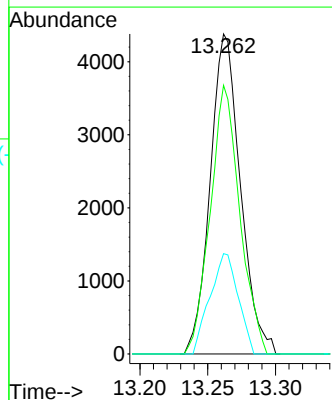
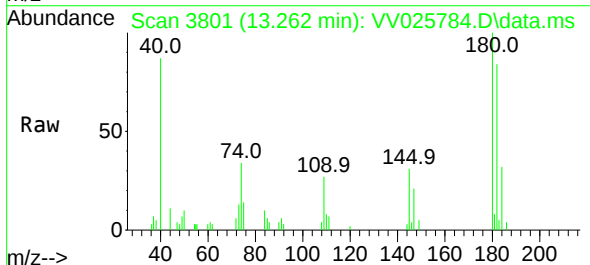
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

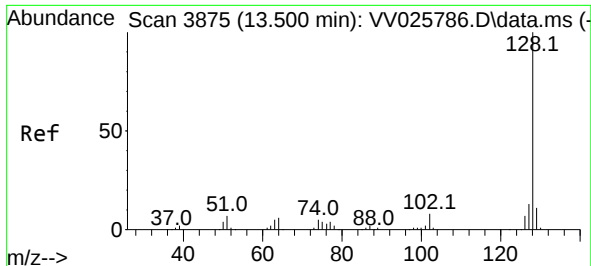
Tgt Ion:180	Resp:	9181
Ion	Ratio	Lower Upper
180	100	
182	91.3	75.3 112.9
184	28.1	23.4 35.2
145	27.9	24.2 36.4



#70
1,2,4-trichlorobenzene
Concen: 0.556 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion:180	Resp:	6801
Ion	Ratio	Lower Upper
180	100	
182	81.9	76.6 114.8
145	29.1	24.6 36.8

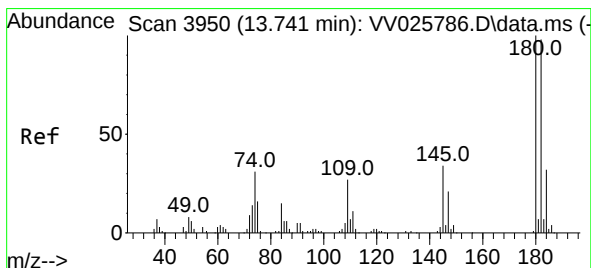
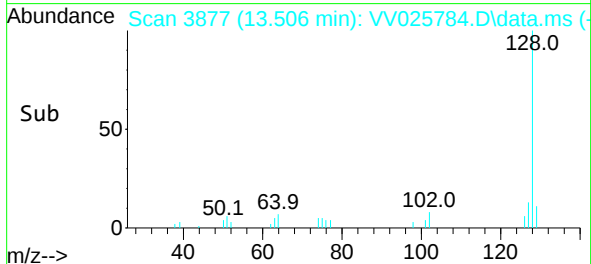
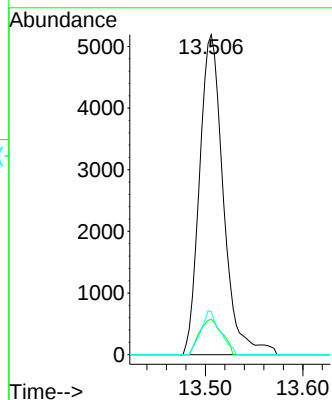
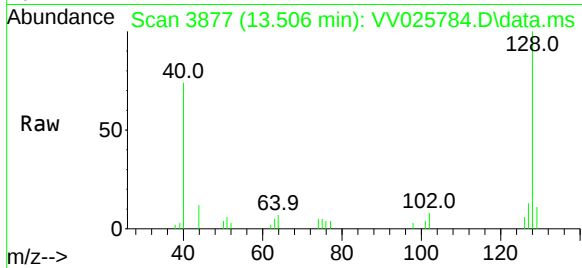




#71
Naphthalene
Concen: 0.493 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5237

Tgt Ion:128 Resp: 8801
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 11.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.521 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025784.D
Acq: 03 May 2022 10:49

Tgt Ion:180 Resp: 5293
Ion Ratio Lower Upper
180 100
182 95.4 77.7 116.5
145 31.9 27.4 41.2

