

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026117.D
 Acq On : 11 Jun 2022 09:28
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:12:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 11 01:25:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	275815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	255246	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	128424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67694	4.181	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.581	69	77486	4.578	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.124	63	165750	4.432	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	3.915	46	115056	48.047	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.100%	
24) Chloroform-d	4.359	84	159792	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.040	65	60957	4.355	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
32) Benzene-d6	5.056	84	305503	4.953	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.072	67	90991	4.768	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.317	98	273230	5.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	7.625	79	22499	4.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.088	63	93517	37.827	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53198	4.135	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	82147	4.181	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.600%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	124160	4.574	ug/L	99
3) Chloromethane	1.256	50	133117	4.379	ug/L	99
5) Vinyl chloride	1.323	62	139769	4.403	ug/L	98
6) Bromomethane	1.536	94	74984	4.075	ug/L	97
8) Chloroethane	1.600	64	86907	4.452	ug/L	96
9) Trichlorofluoromethane	1.767	101	186376	4.606	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	106609	4.624	ug/L	99
12) 1,1-Dichloroethene	2.130	96	99175	4.470	ug/L	98
13) Acetone	2.211	43	87327	45.726	ug/L	75
14) Carbon disulfide	2.307	76	271949	4.296	ug/L	100
15) Methyl Acetate	2.455	43	20757	3.325	ug/L #	82
16) Methylene chloride	2.519	84	94300	4.266	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	153117	4.251	ug/L	99
18) trans-1,2-Dichloroethene	2.773	96	95446	4.562	ug/L	99
19) 1,1-Dichloroethane	3.201	63	181157	4.760	ug/L	98
21) 2-Butanone	3.998	43	126797	50.969	ug/L	92
22) cis-1,2-Dichloroethene	3.921	96	95173	4.615	ug/L	99
23) Bromochloromethane	4.259	128	38890	4.486	ug/L	98
25) Chloroform	4.384	83	183903	4.707	ug/L	100

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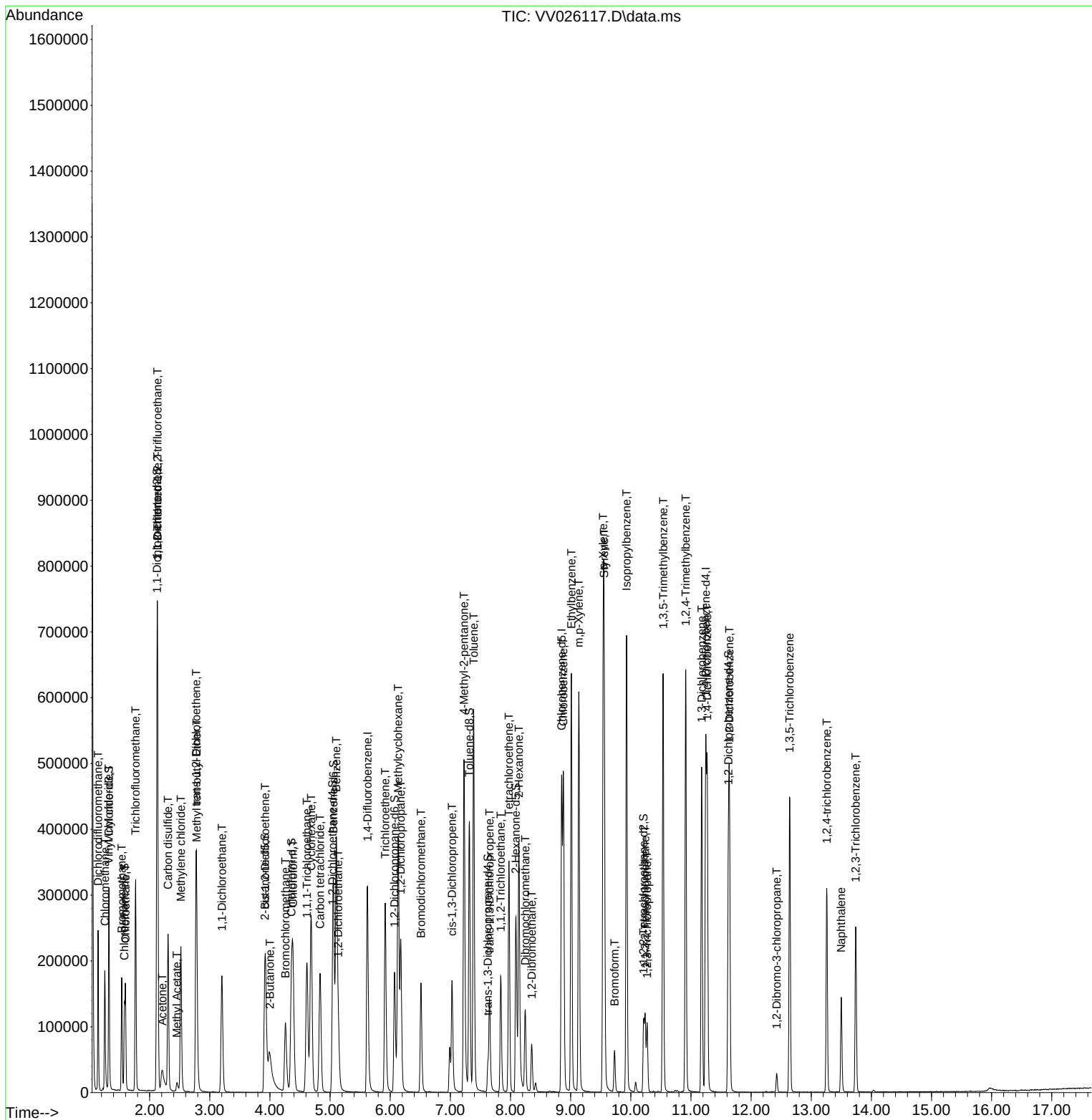
Instrument :
 MSVOA_V
 ClientSampleId :

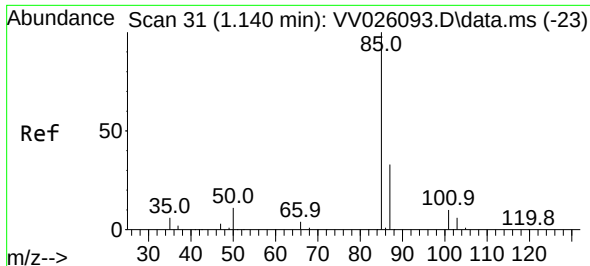
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	84764	4.388	ug/L	97
29) 1,1,1-Trichloroethane	4.616	97	161387	4.818	ug/L	99
30) Cyclohexane	4.687	56	134753	4.626	ug/L	98
31) Carbon tetrachloride	4.834	117	136252	4.954	ug/L	97
33) Benzene	5.105	78	403543	5.031	ug/L	100
34) Trichloroethene	5.918	95	103437	4.936	ug/L	99
35) Methylcyclohexane	6.133	83	154623	4.786	ug/L	99
37) 1,2-Dichloropropane	6.175	63	95002	4.887	ug/L	100
38) Bromodichloromethane	6.513	83	113396	4.829	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	108348	4.523	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	347949	43.815	ug/L	98
42) Toluene	7.387	91	427728	5.104	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	85082	4.533	ug/L	95
45) 1,1,2-Trichloroethane	7.838	97	56732	4.494	ug/L	98
47) Tetrachloroethene	7.976	164	77195	4.759	ug/L	97
48) 2-Hexanone	8.140	43	241979	42.927	ug/L	99
49) Dibromochloromethane	8.246	129	64417	4.675	ug/L	97
50) 1,2-Dibromoethane	8.352	107	49138	4.375	ug/L	99
51) Chlorobenzene	8.879	112	262942	4.820	ug/L	99
52) Ethylbenzene	9.011	91	432583	4.924	ug/L	99
53) m,p-Xylene	9.137	106	170809	5.030	ug/L	100
54) o-Xylene	9.542	106	158829	4.920	ug/L	99
55) Styrene	9.558	104	278302	5.147	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	58150	4.303	ug/L	99
59) Bromoform	9.731	173	27547	4.572	ug/L	99
60) Isopropylbenzene	9.931	105	436085	5.110	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	42655	4.255	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	336967	4.986	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	346704	5.151	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	196269	4.841	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	193986	4.699	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	166181	4.634	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	7197	4.040	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	134677	4.587	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	91423	4.177	ug/L	96
71) Naphthalene	13.500	128	115241	3.706	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	73400	3.962	ug/L	95

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

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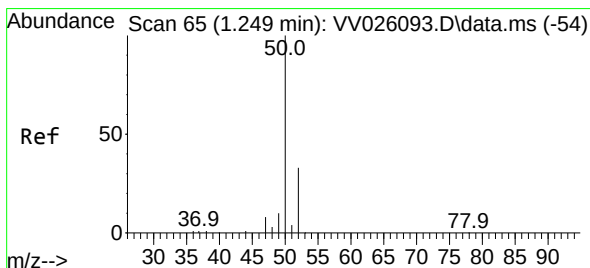
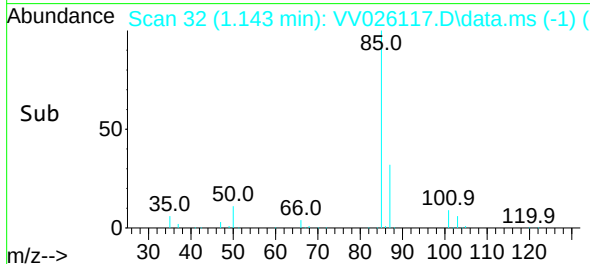
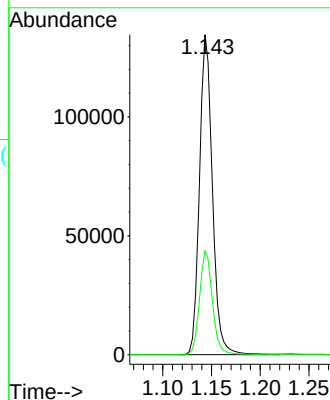
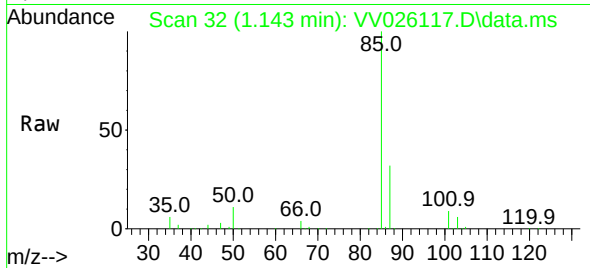




#2
 Dichlorodifluoromethane
 Concen: 4.574 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

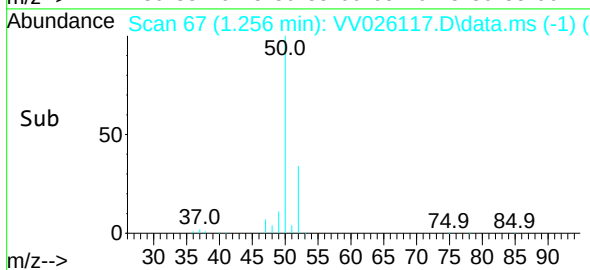
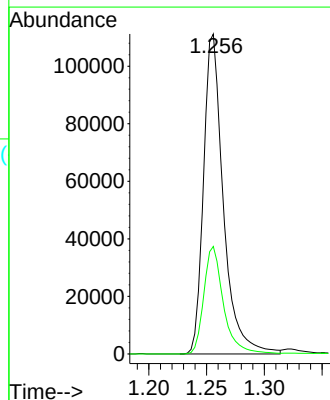
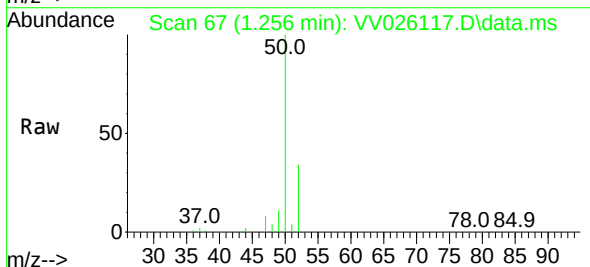
Instrument :
 MSVOA_V
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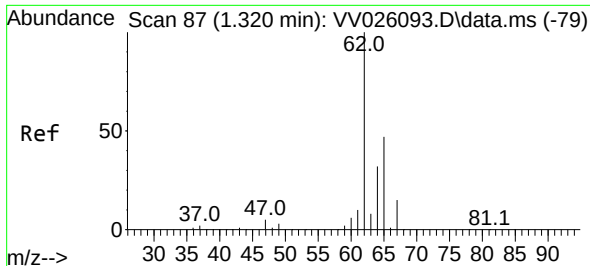
Tgt Ion: 85 Resp: 124160
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.3 37.9



#3
 Chloromethane
 Concen: 4.379 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.006 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

Tgt Ion: 50 Resp: 133117
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.0 42.6

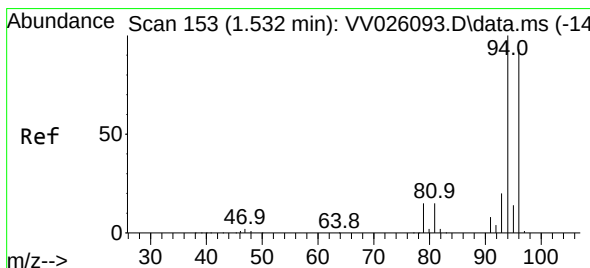
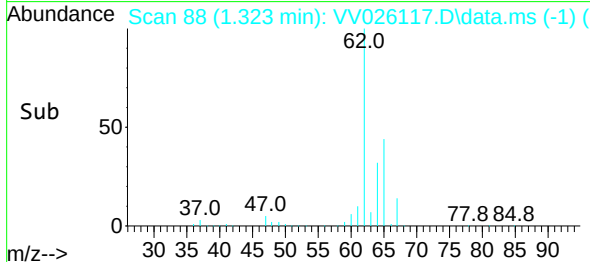
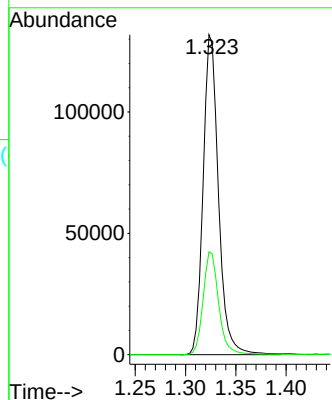
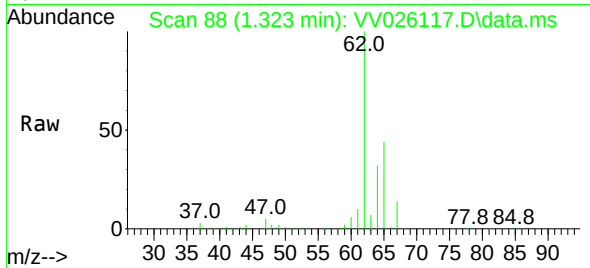




#5
 Vinyl chloride
 Concen: 4.403 ug/L
 RT: 1.323 min Scan# 87
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

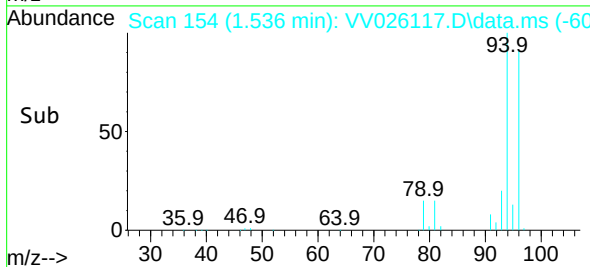
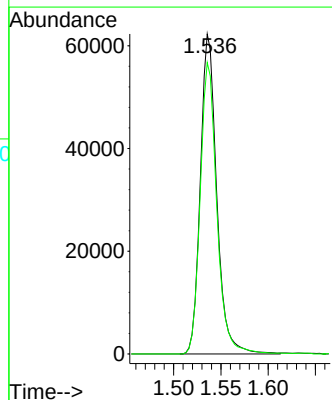
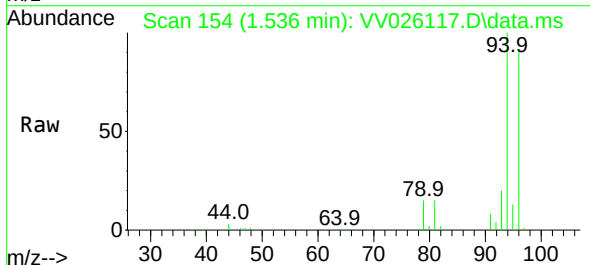
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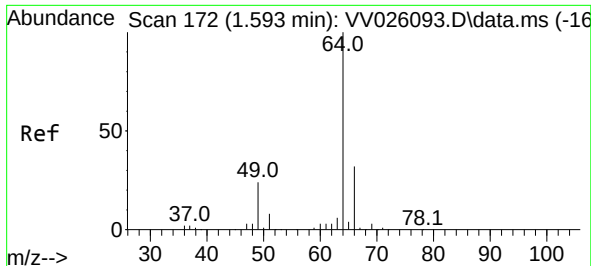
Tgt Ion: 62 Resp: 139769
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.4 43.4



#6
 Bromomethane
 Concen: 4.075 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

Tgt Ion: 94 Resp: 74984
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.5 121.6

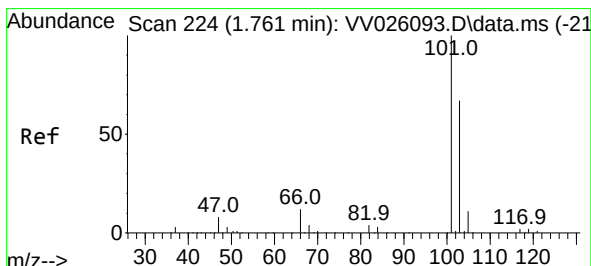
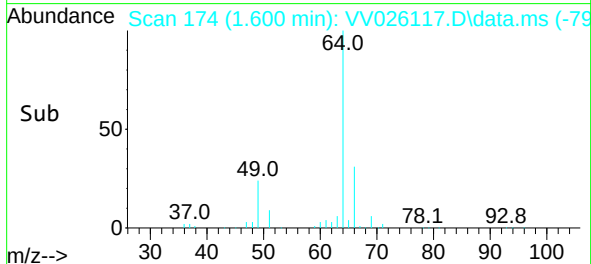
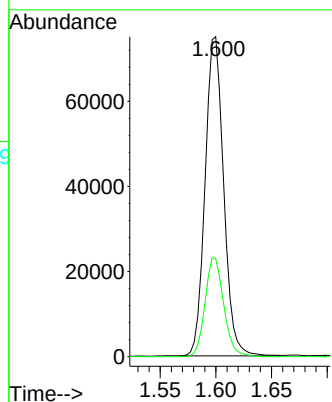
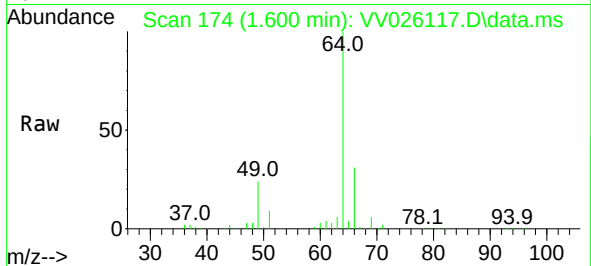




#8
Chloroethane
Concen: 4.452 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

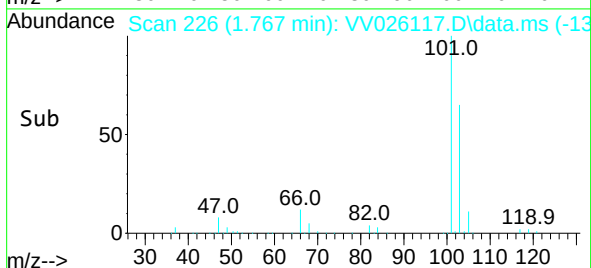
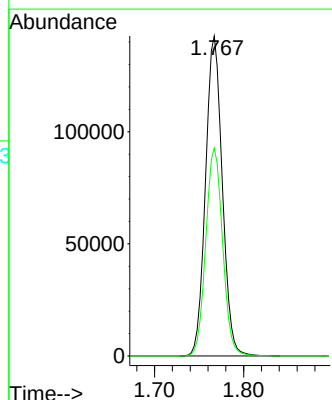
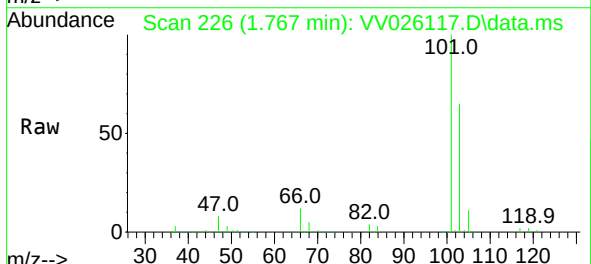
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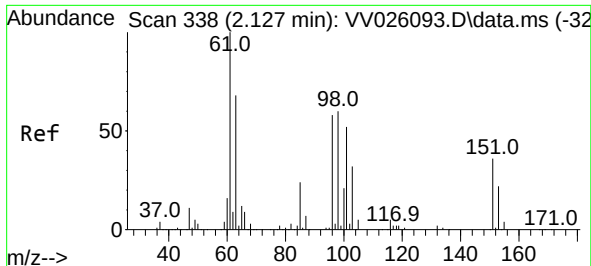
Tgt Ion: 64 Resp: 86907
Ion Ratio Lower Upper
64 100
66 30.7 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.606 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.006 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion:101 Resp: 186376
Ion Ratio Lower Upper
101 100
103 65.4 52.6 78.8

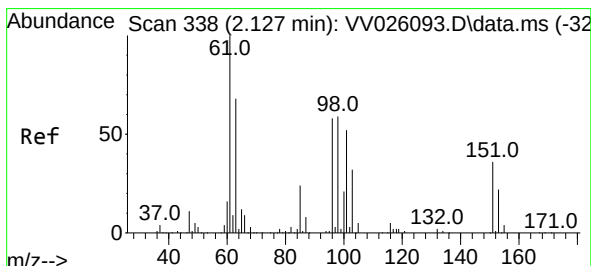
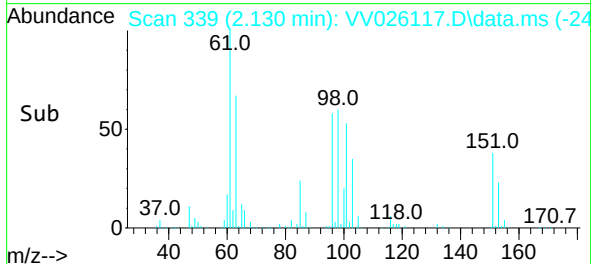
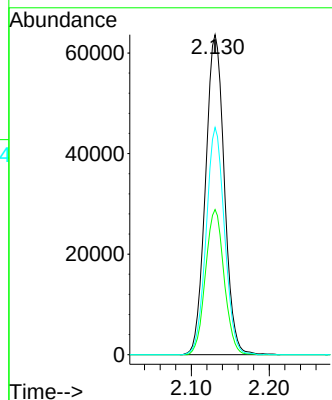
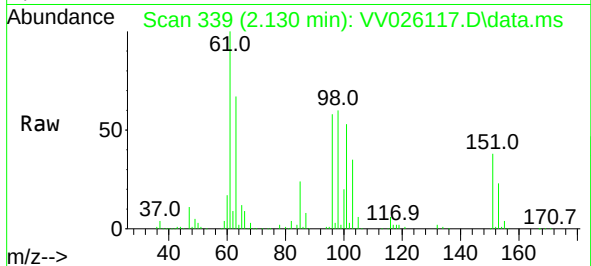




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.624 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

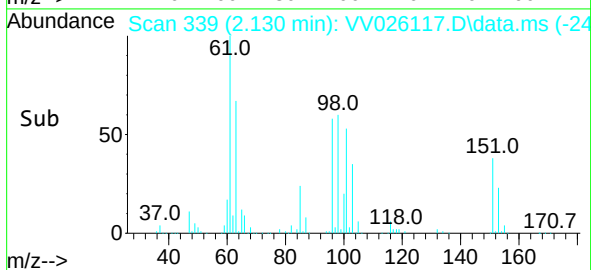
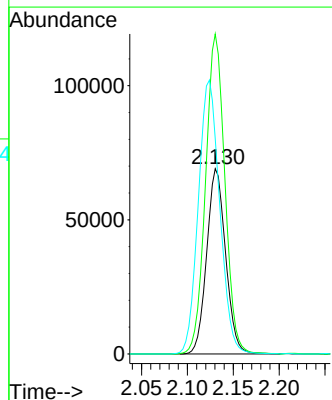
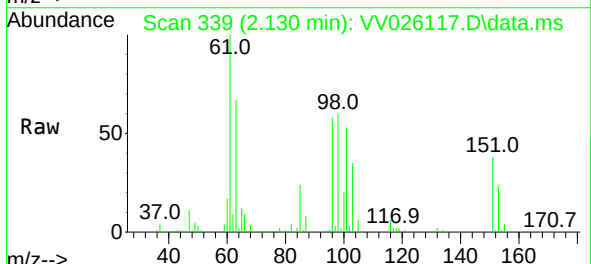
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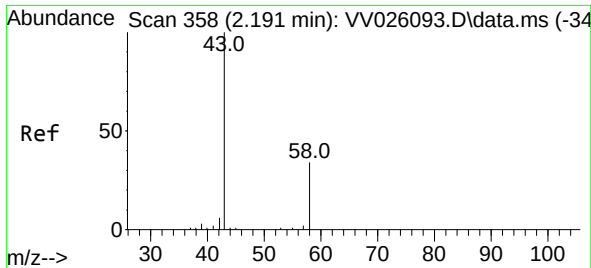
Tgt Ion:101 Resp: 106609
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.6 53.4
 151 69.6 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 4.470 ug/L
 RT: 2.130 min Scan# 339
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

Tgt Ion: 96 Resp: 99175
 Ion Ratio Lower Upper
 96 100
 61 172.7 122.6 227.6
 63 116.1 78.5 145.9





#13

Acetone

Concen: 45.726 ug/L

RT: 2.211 min Scan# 3

Delta R.T. 0.019 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

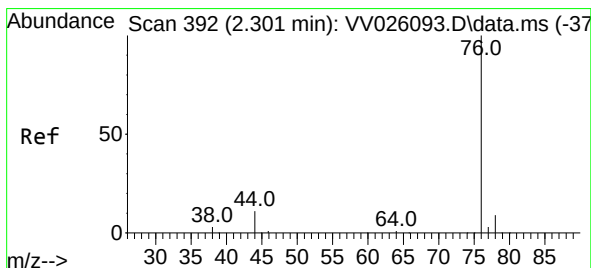
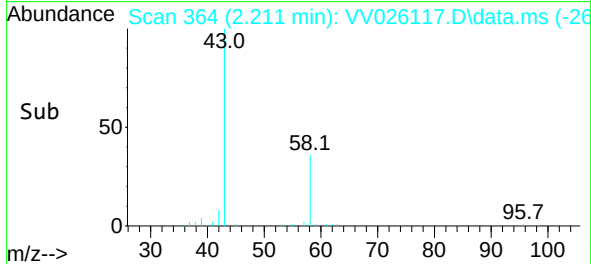
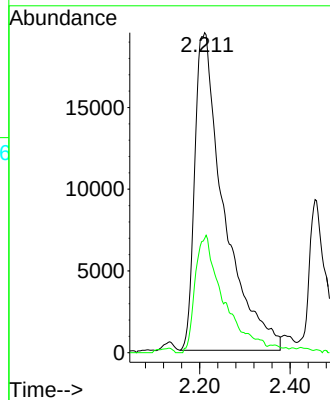
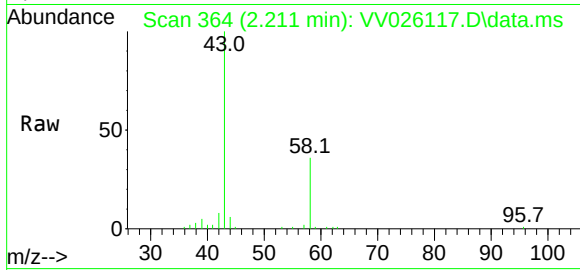
ClientSampleId :

Tgt Ion: 43 Resp: 87327

Ion Ratio Lower Upper

43 100

58 36.1 0.0 47.6



#14

Carbon disulfide

Concen: 4.296 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.006 min

Lab File: VV026117.D

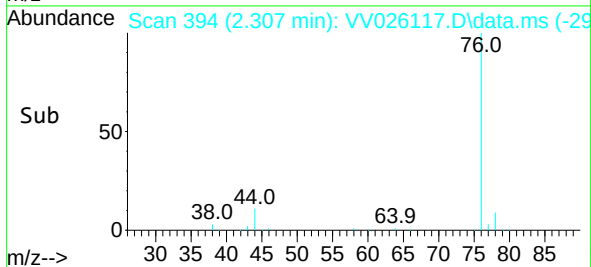
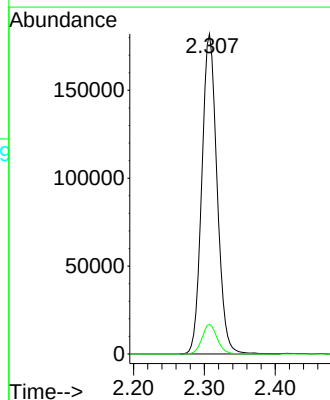
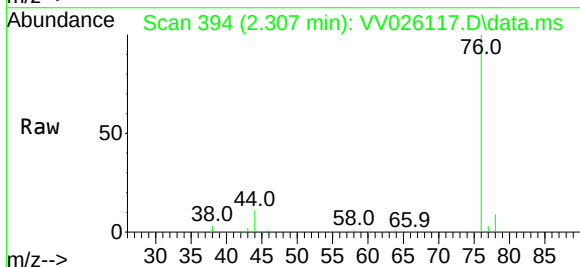
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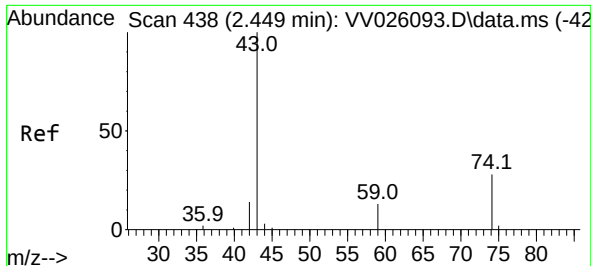
Tgt Ion: 76 Resp: 271949

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

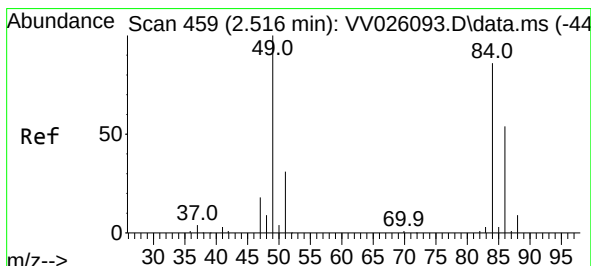
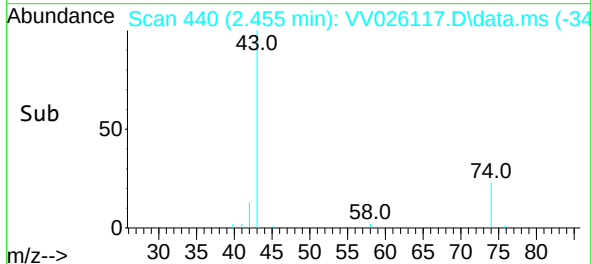
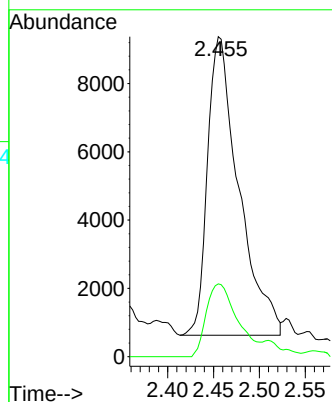
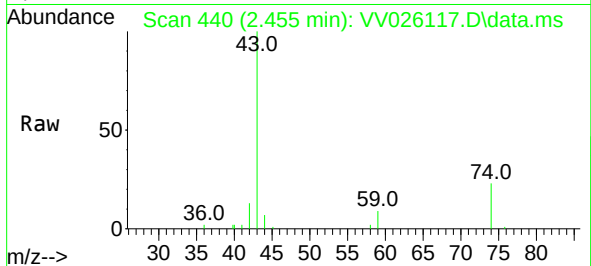




#15
Methyl Acetate
Concen: 3.325 ug/L
RT: 2.455 min Scan# 44
Delta R.T. 0.006 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

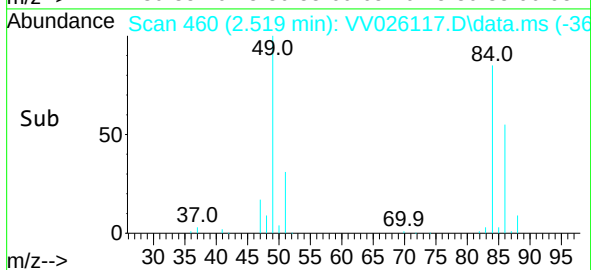
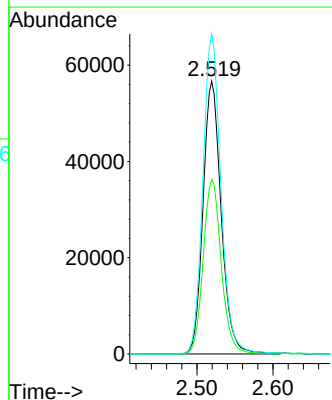
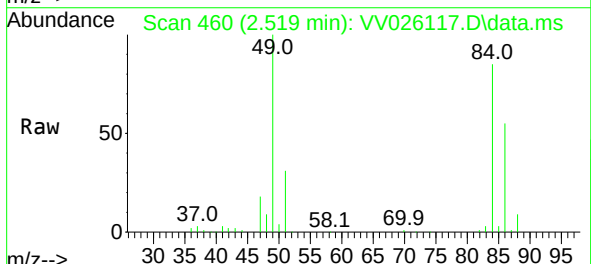
Instrument :
MSVOA_V
ClientSampleId :

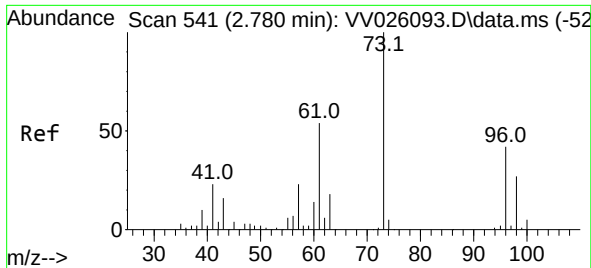
Tgt Ion: 43 Resp: 20757
Ion Ratio Lower Upper
43 100
74 24.3 13.3 19.9#



#16
Methylene chloride
Concen: 4.266 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

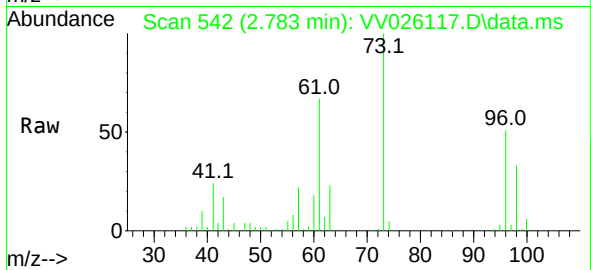
Tgt Ion: 84 Resp: 94300
Ion Ratio Lower Upper
84 100
86 63.9 45.6 84.6
49 117.3 82.9 153.9



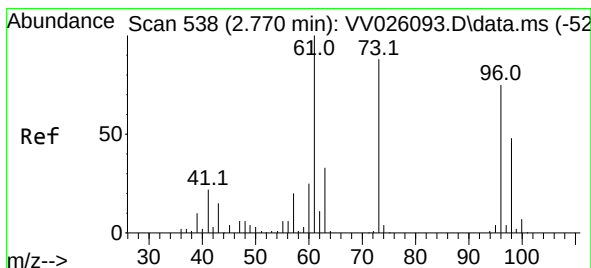
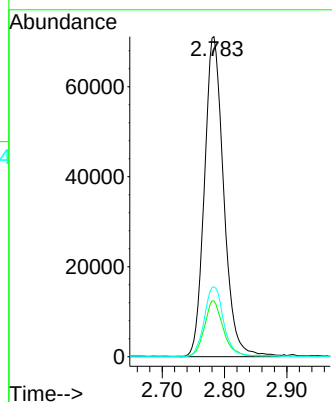
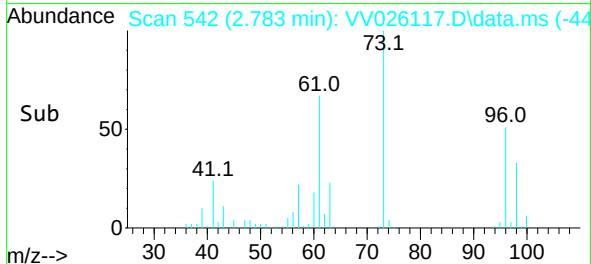


#17
Methyl tert-butyl Ether
Concen: 4.251 ug/L
RT: 2.783 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

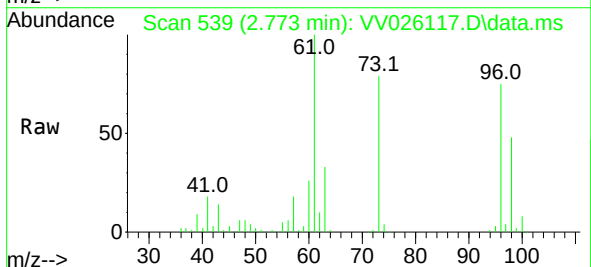
Instrument :
MSVOA_V
ClientSampleId :



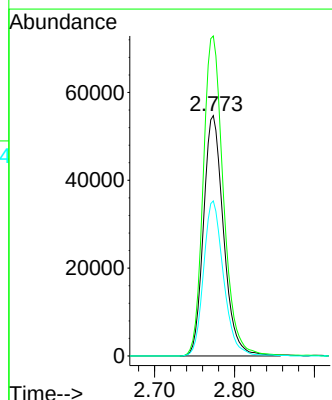
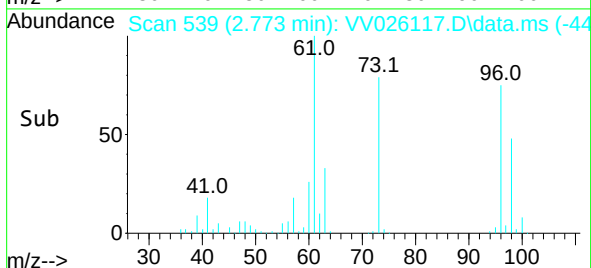
Tgt Ion: 73 Resp: 153117
Ion Ratio Lower Upper
73 100
43 16.5 13.7 20.5
57 21.9 17.8 26.6

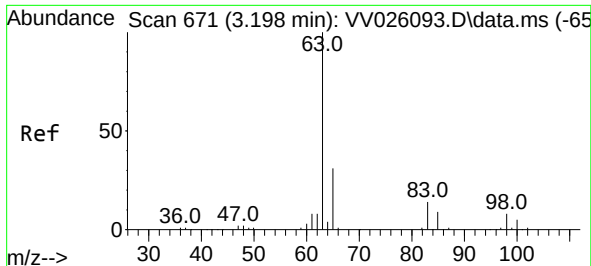


#18
trans-1,2-Dichloroethene
Concen: 4.562 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28



Tgt Ion: 96 Resp: 95446
Ion Ratio Lower Upper
96 100
61 133.2 94.3 175.1
98 64.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.760 ug/L

RT: 3.201 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

ClientSampleId :

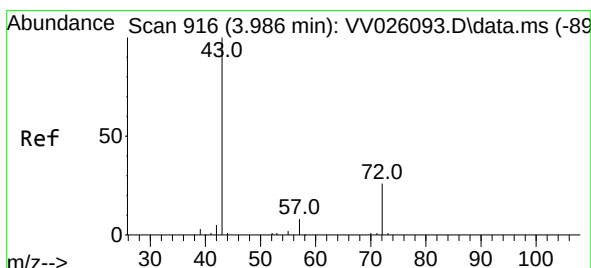
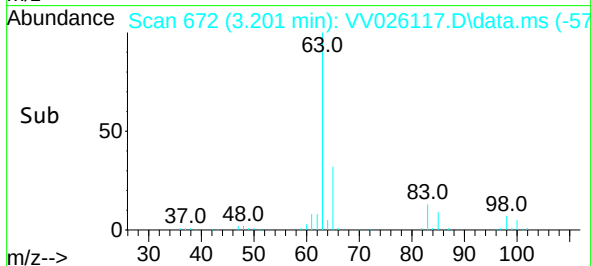
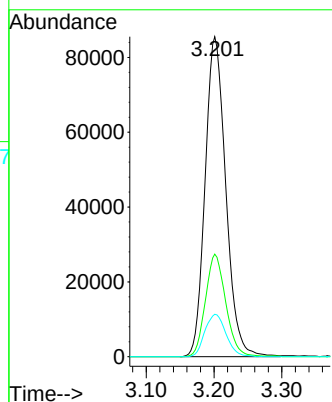
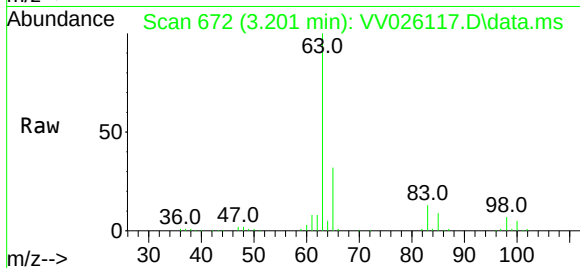
Tgt Ion: 63 Resp: 181157

Ion Ratio Lower Upper

63 100

65 32.1 23.1 42.9

83 13.2 9.7 18.1



#21

2-Butanone

Concen: 50.969 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.013 min

Lab File: VV026117.D

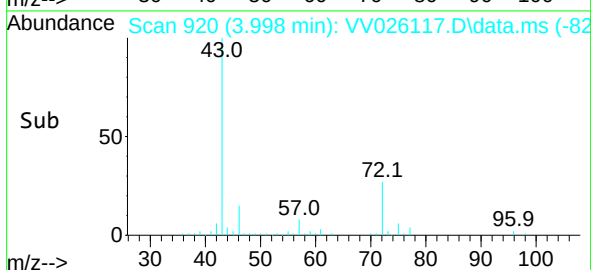
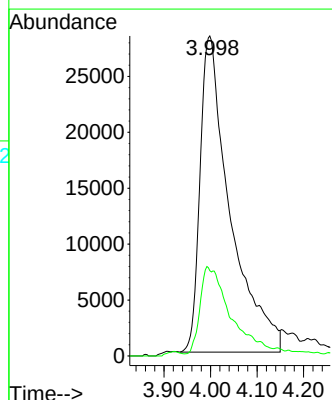
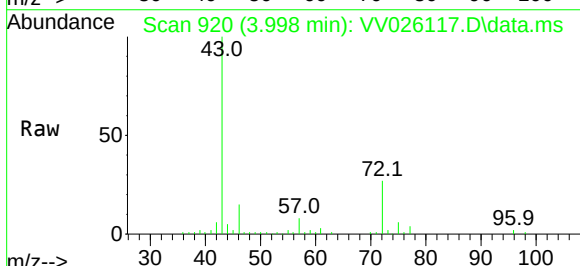
Acq: 11 Jun 2022 09:28

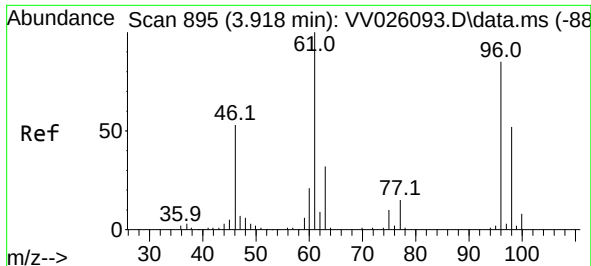
Tgt Ion: 43 Resp: 126797

Ion Ratio Lower Upper

43 100

72 27.8 11.9 35.7

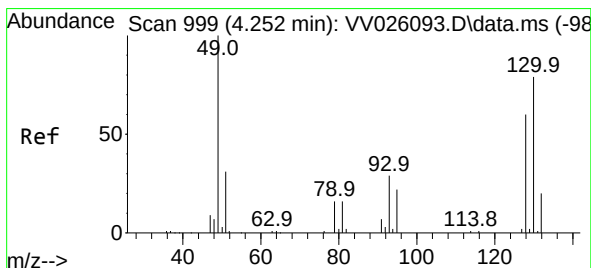
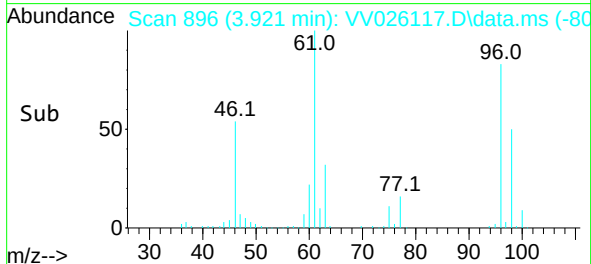
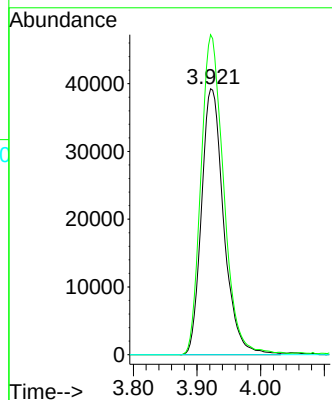
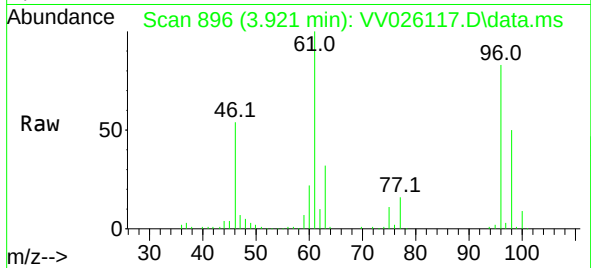




#22
 cis-1,2-Dichloroethene
 Concen: 4.615 ug/L
 RT: 3.921 min Scan# 895
 Delta R.T. 0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

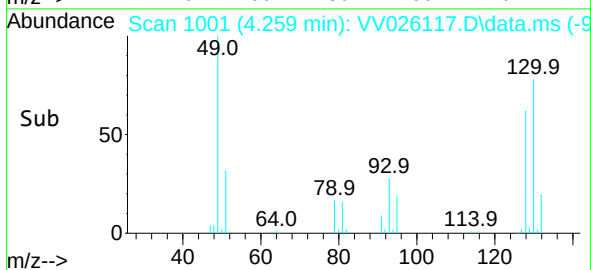
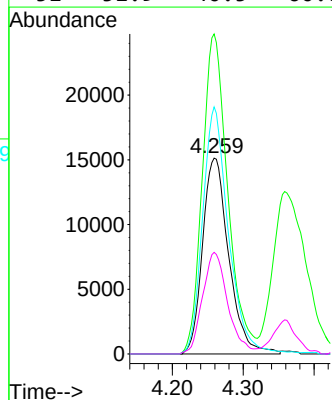
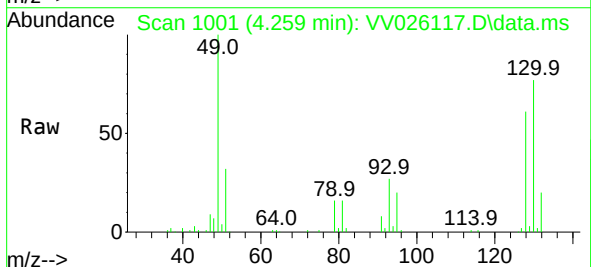
Instrument :
 MSVOA_V
 ClientSampleId :

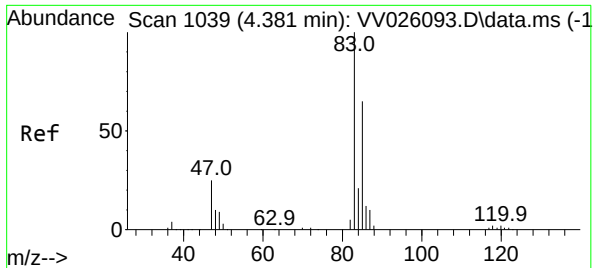
Tgt Ion: 96 Resp: 95173
 Ion Ratio Lower Upper
 96 100
 61 120.3 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.486 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

Tgt Ion: 128 Resp: 38890
 Ion Ratio Lower Upper
 128 100
 49 163.4 112.8 209.4
 130 126.1 87.4 162.4
 51 51.9 40.5 60.7

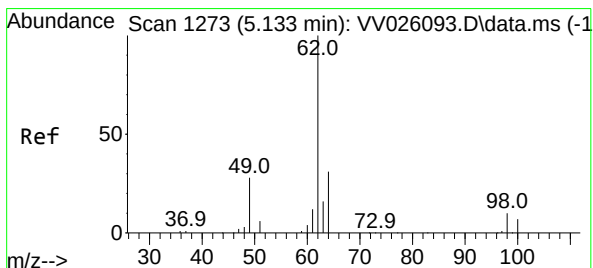
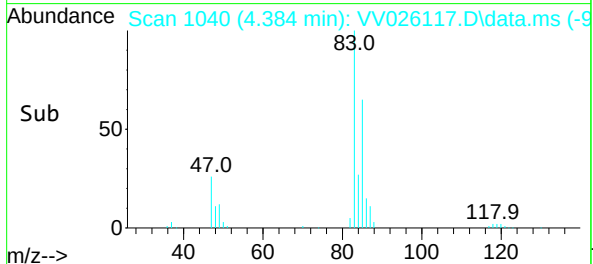
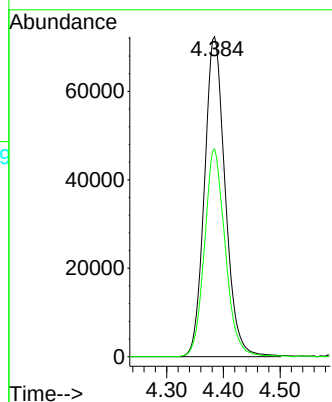
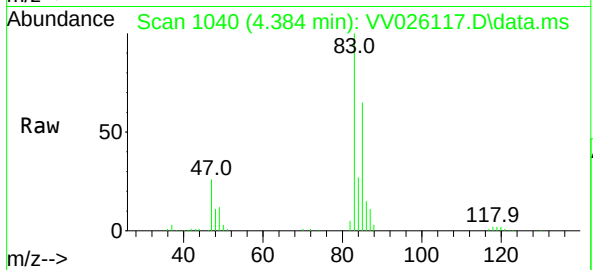




#25
Chloroform
Concen: 4.707 ug/L
RT: 4.384 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

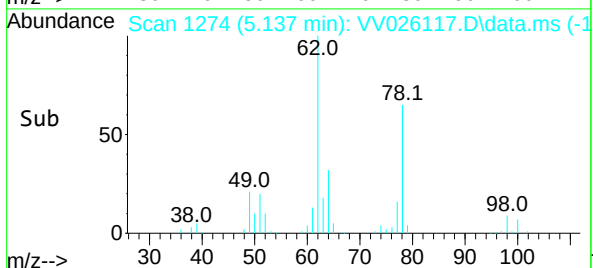
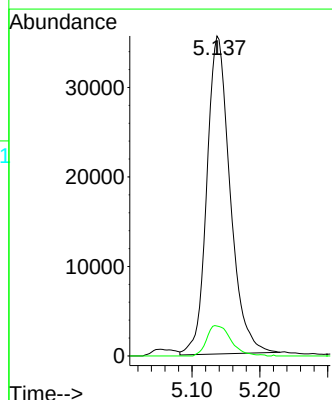
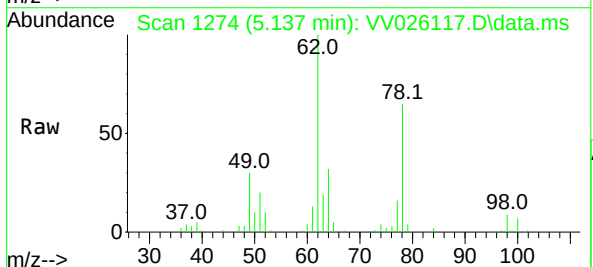
Instrument :
MSVOA_V
ClientSampleId :

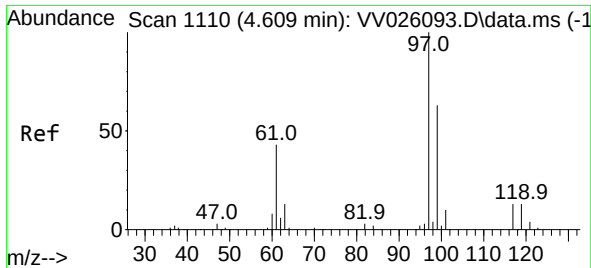
Tgt Ion: 83 Resp: 183903
Ion Ratio Lower Upper
83 100
85 64.9 45.2 84.0



#27
1,2-Dichloroethane
Concen: 4.388 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 62 Resp: 84764
Ion Ratio Lower Upper
62 100
98 9.4 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.818 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

ClientSampleId :

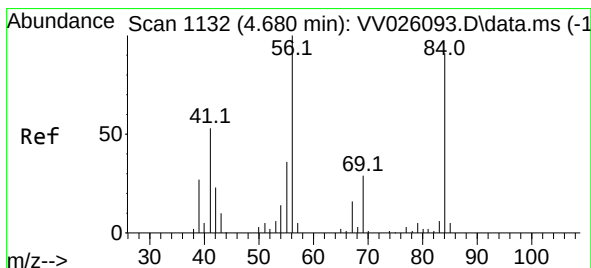
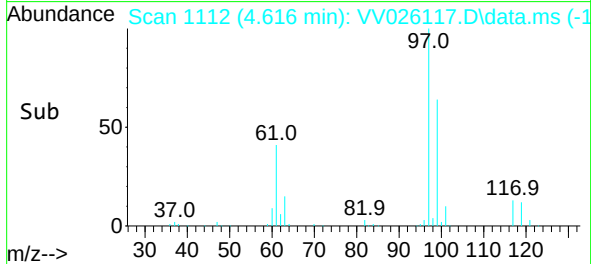
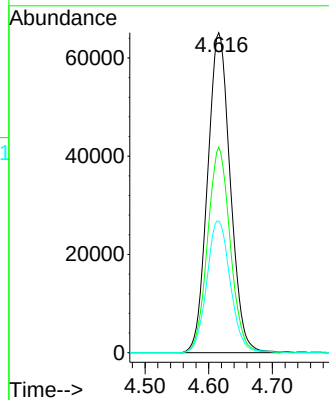
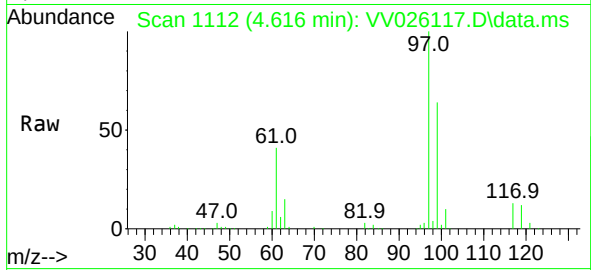
Tgt Ion: 97 Resp: 161387

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 42.8 34.9 52.3



#30

Cyclohexane

Concen: 4.626 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

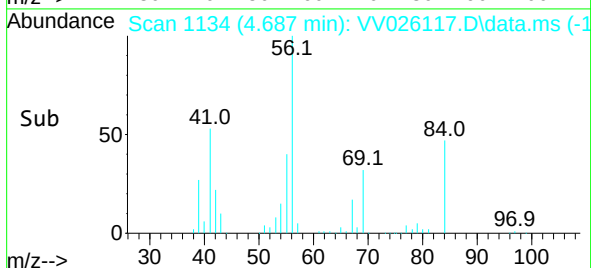
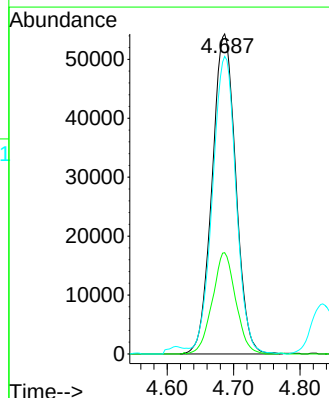
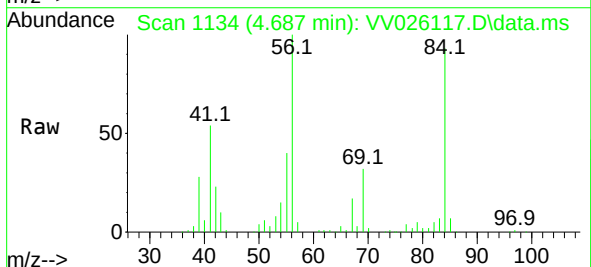
Tgt Ion: 56 Resp: 134753

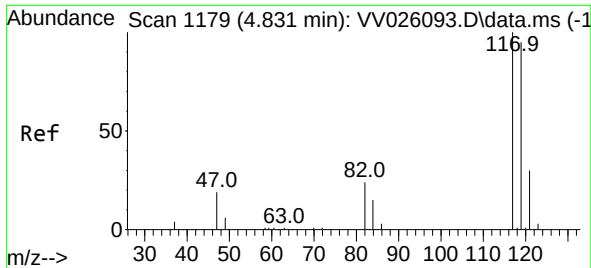
Ion Ratio Lower Upper

56 100

69 31.1 25.1 37.7

84 92.8 72.2 108.4

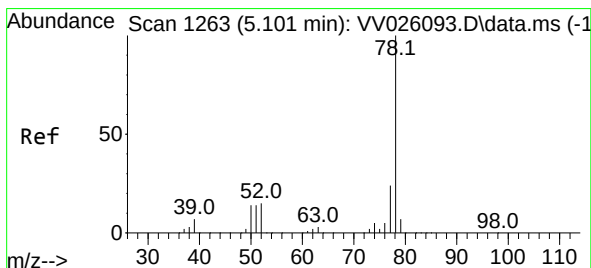
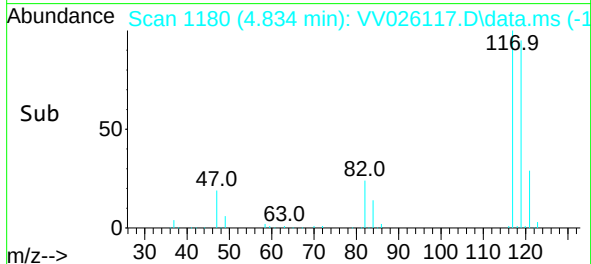
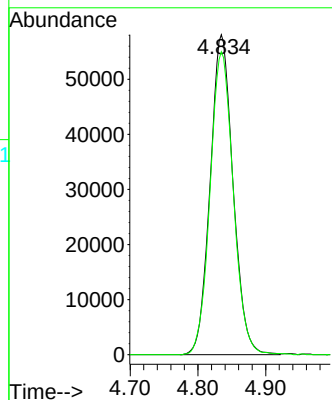
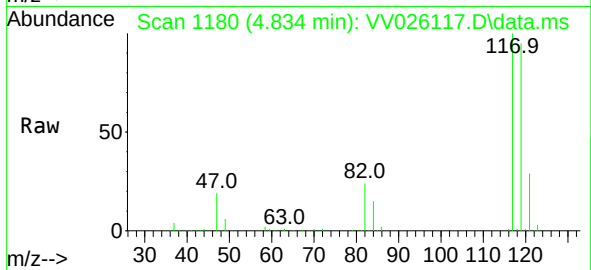




#31
Carbon tetrachloride
Concen: 4.954 ug/L
RT: 4.834 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

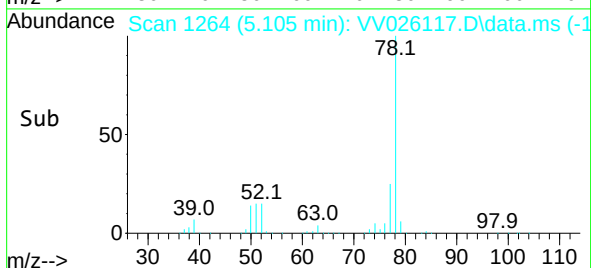
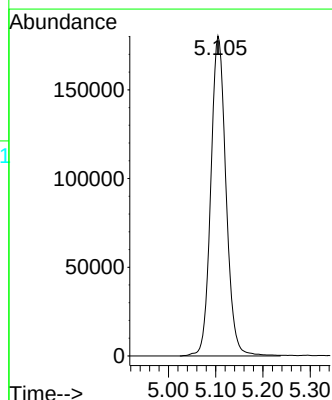
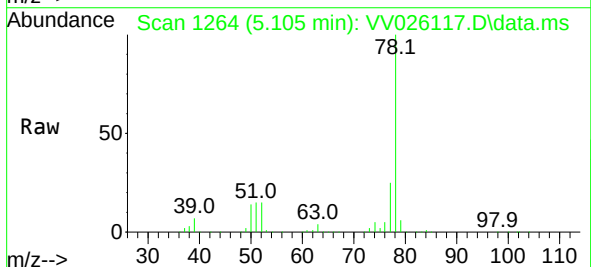
Instrument :
MSVOA_V
ClientSampleId :

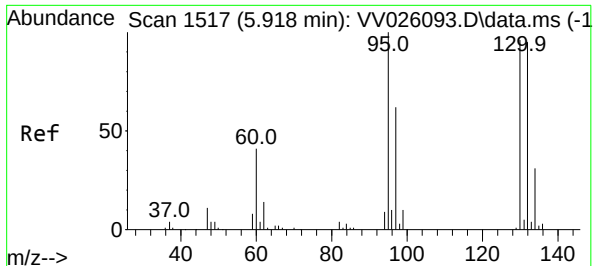
Tgt Ion:117 Resp: 136252
Ion Ratio Lower Upper
117 100
119 95.8 78.7 118.1



#33
Benzene
Concen: 5.031 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 78 Resp: 403543

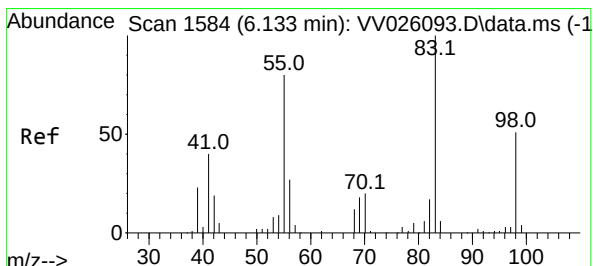
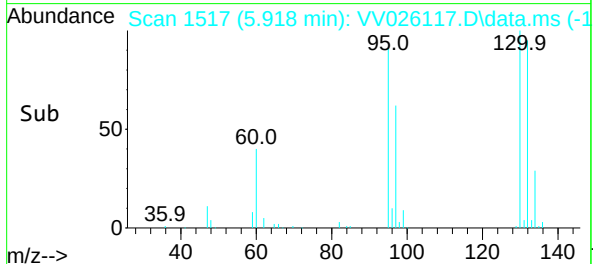
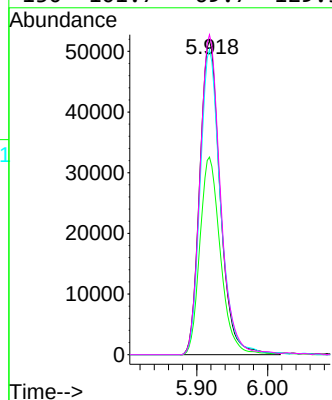
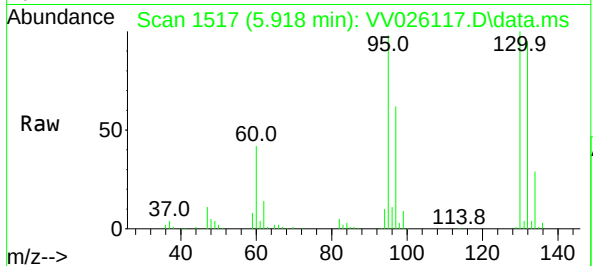




#34
Trichloroethene
Concen: 4.936 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

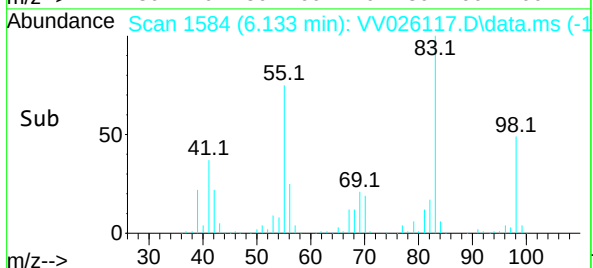
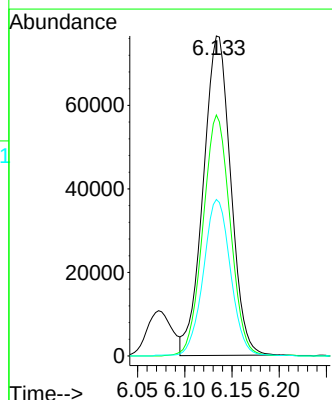
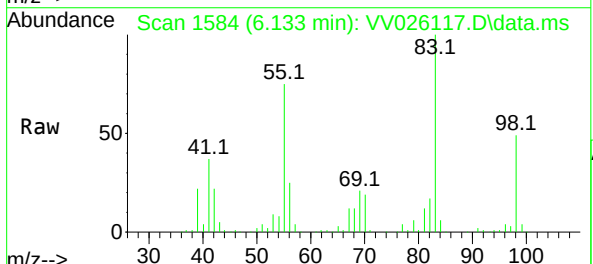
Instrument :
MSVOA_V
ClientSampleId :

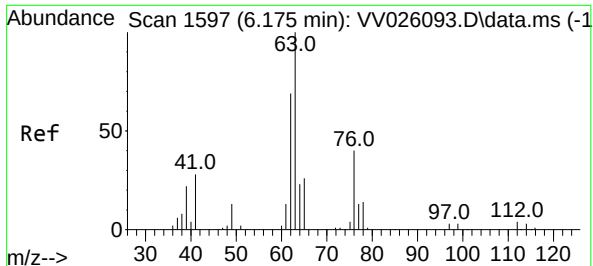
Tgt Ion: 95 Resp: 103437
Ion Ratio Lower Upper
95 100
97 62.8 44.0 81.6
132 97.0 67.5 125.4
130 101.7 69.7 129.5



#35
Methylcyclohexane
Concen: 4.786 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 83 Resp: 154623
Ion Ratio Lower Upper
83 100
55 74.8 59.4 89.0
98 47.9 38.9 58.3





#37

1,2-Dichloropropane

Concen: 4.887 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

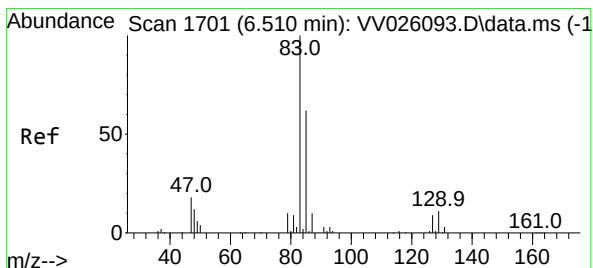
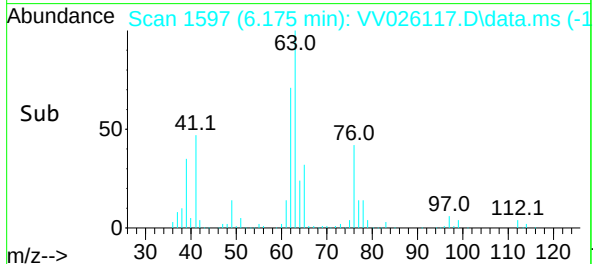
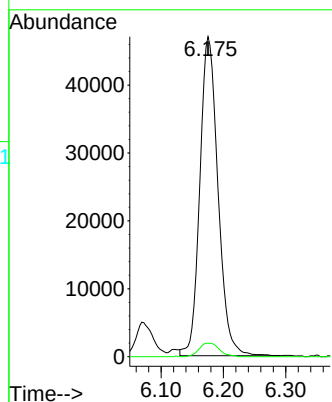
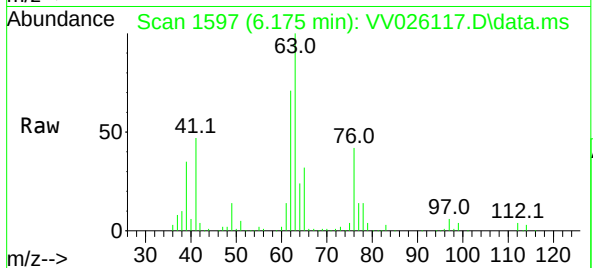
ClientSampleId :

Tgt Ion: 63 Resp: 95002

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.829 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

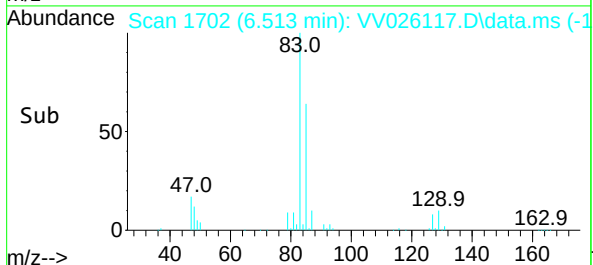
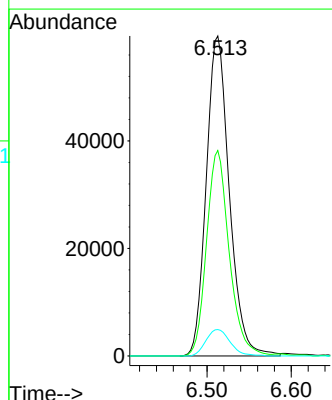
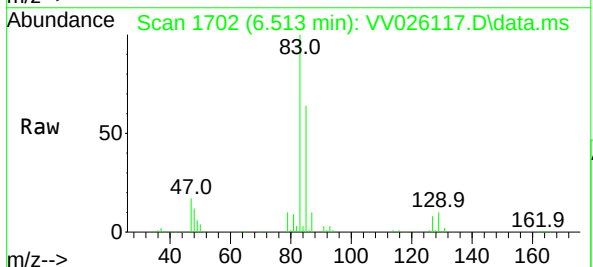
Tgt Ion: 83 Resp: 113396

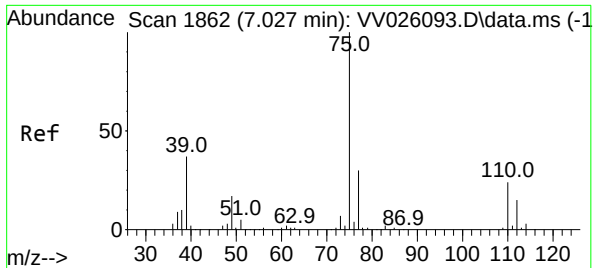
Ion Ratio Lower Upper

83 100

85 64.2 44.8 83.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.523 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

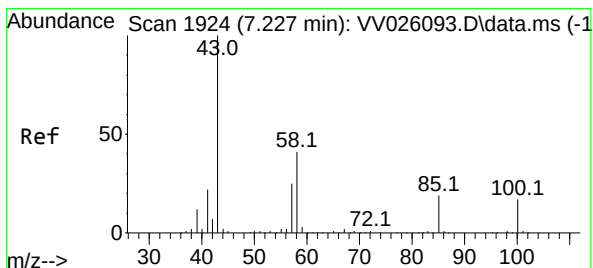
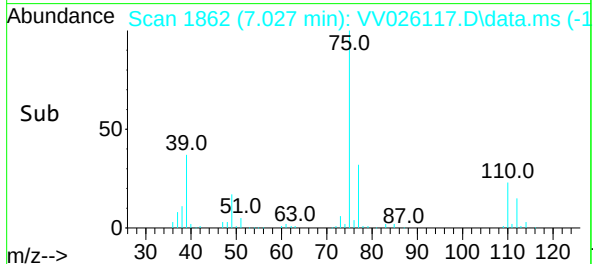
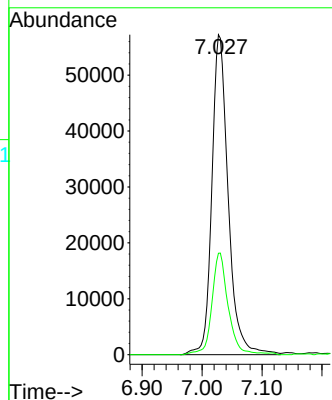
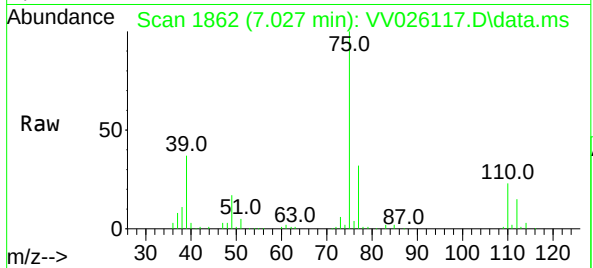
ClientSampleId :

Tgt Ion: 75 Resp: 108348

Ion Ratio Lower Upper

75 100

77 31.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 43.815 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

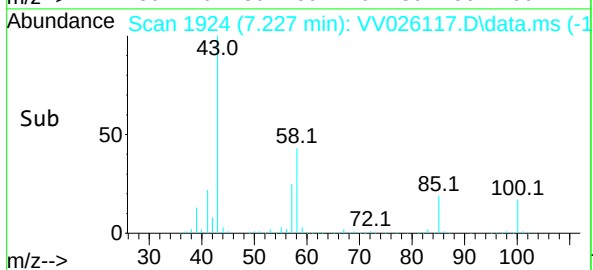
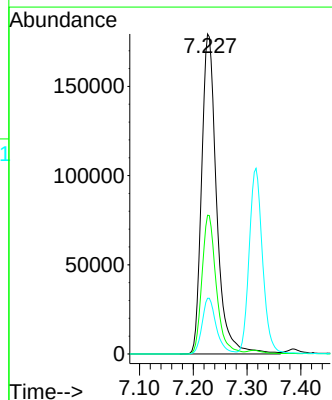
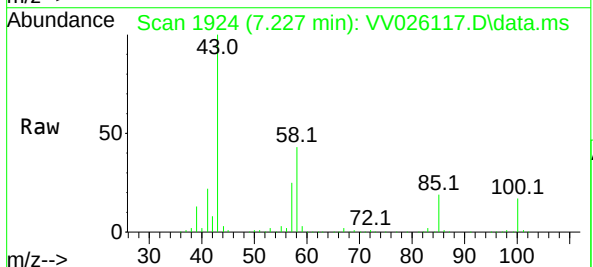
Tgt Ion: 43 Resp: 347949

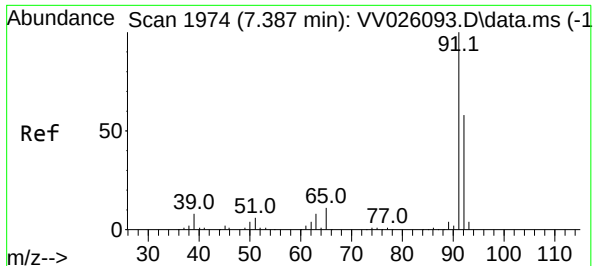
Ion Ratio Lower Upper

43 100

58 41.4 34.2 51.2

100 16.5 12.6 19.0





#42

Toluene

Concen: 5.104 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

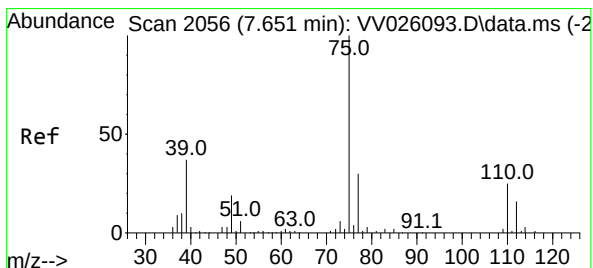
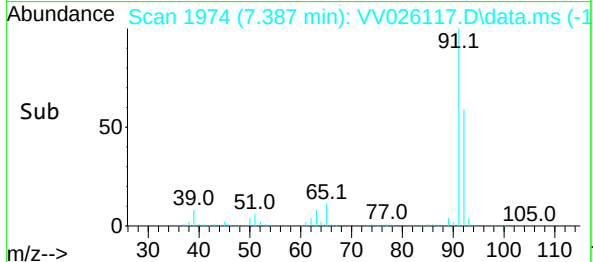
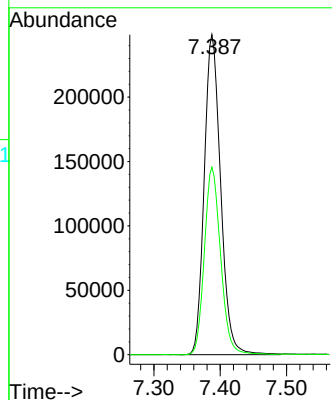
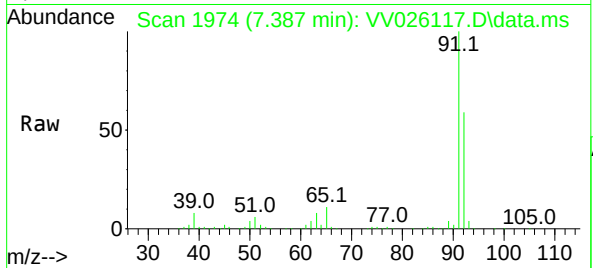
ClientSampleId :

Tgt Ion: 91 Resp: 427728

Ion Ratio Lower Upper

91 100

92 58.6 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.533 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV026117.D

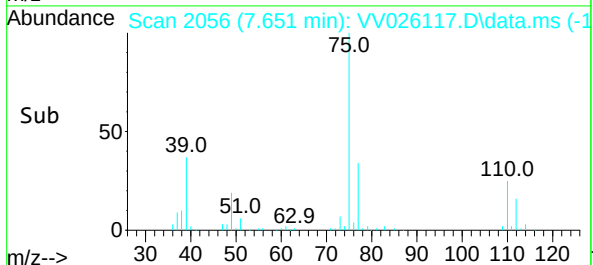
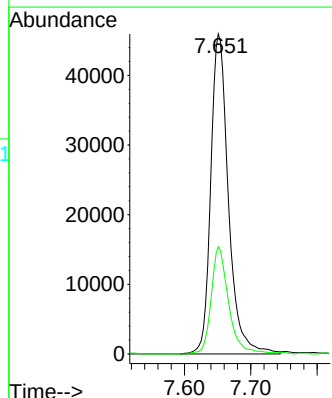
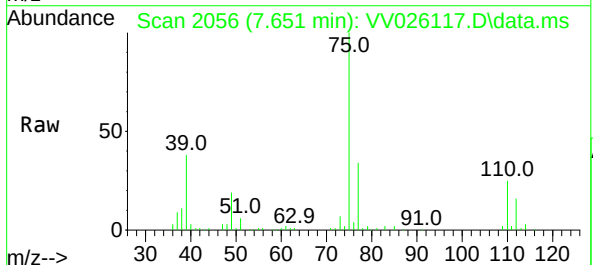
Acq: 11 Jun 2022 09:28

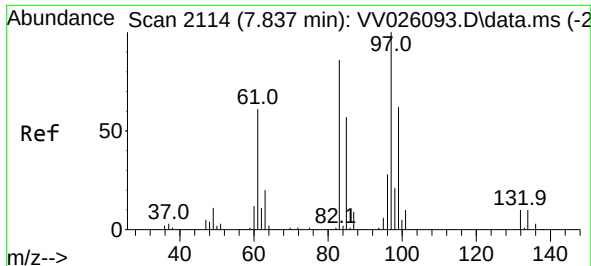
Tgt Ion: 75 Resp: 85082

Ion Ratio Lower Upper

75 100

77 33.5 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 4.494 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.000 min

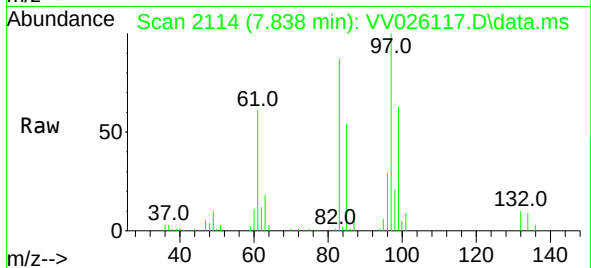
Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 56732

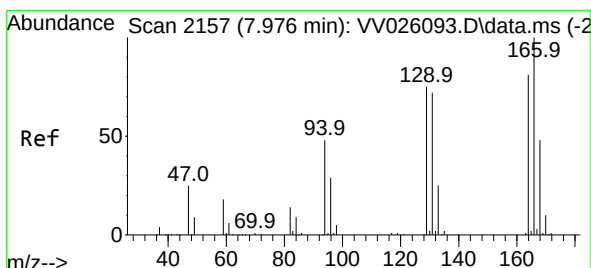
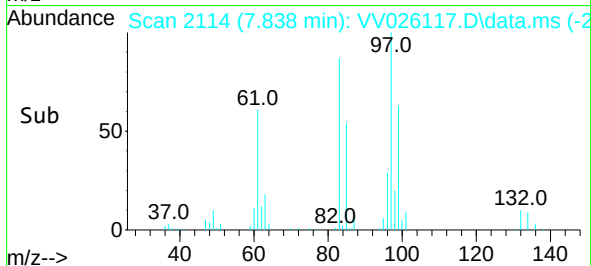
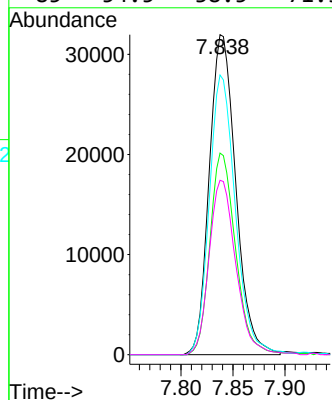
Ion Ratio Lower Upper

97 100

99 63.0 43.5 80.7

83 87.4 59.6 110.8

85 54.5 38.5 71.5



#47

Tetrachloroethene

Concen: 4.759 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Tgt Ion: 164 Resp: 77195

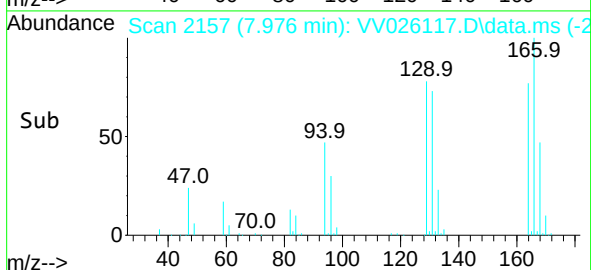
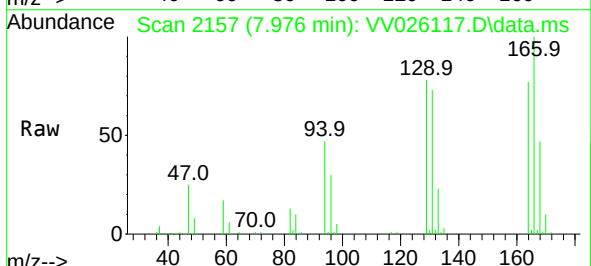
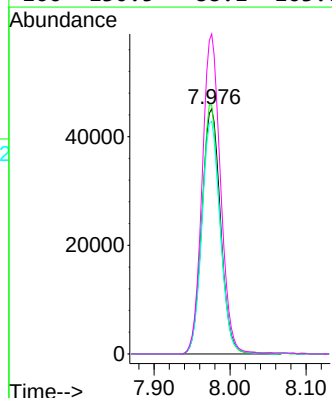
Ion Ratio Lower Upper

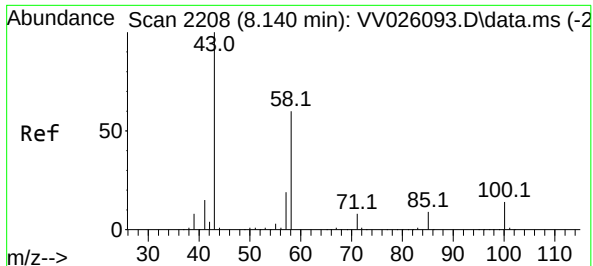
164 100

129 101.5 68.3 126.9

131 94.9 66.5 123.5

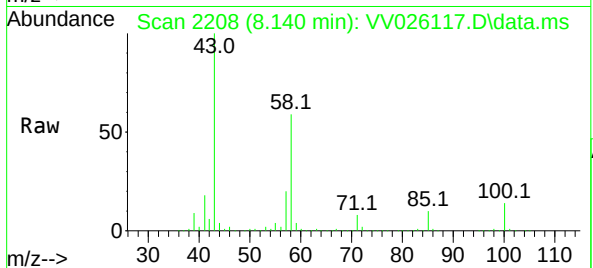
166 130.5 88.1 163.7





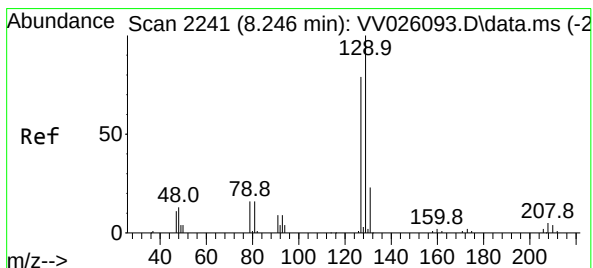
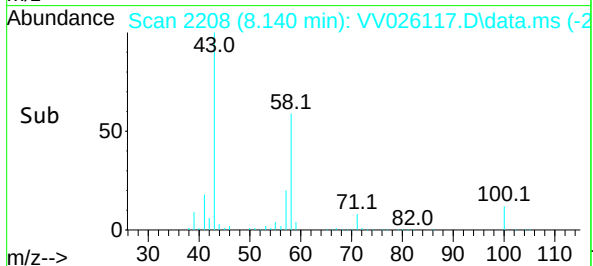
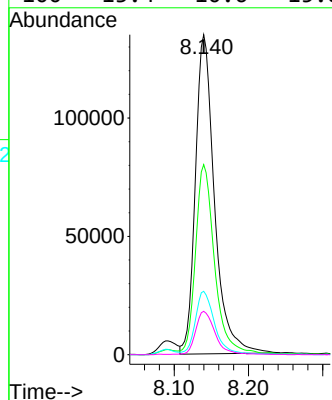
#48
2-Hexanone
Concen: 42.927 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 241979

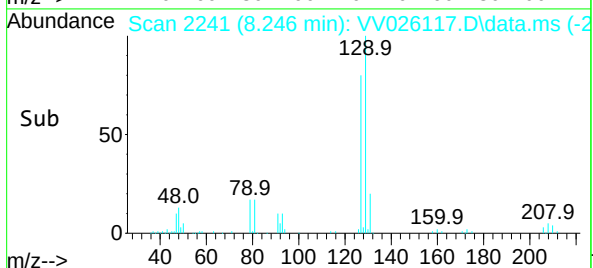
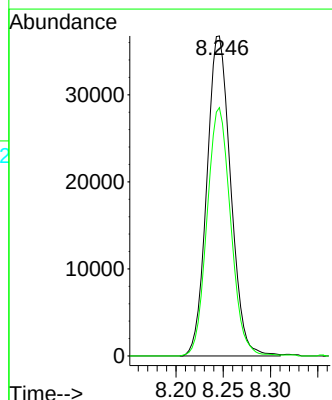
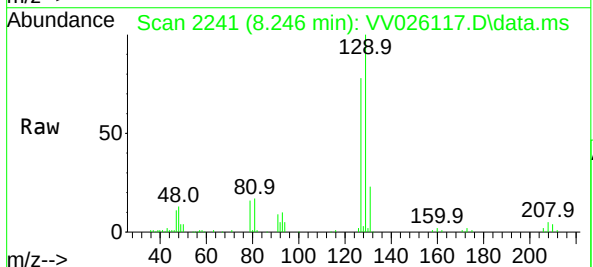
Ion	Ratio	Lower	Upper
43	100		
58	58.4	47.4	71.2
57	20.0	15.5	23.3
100	13.4	10.6	15.8

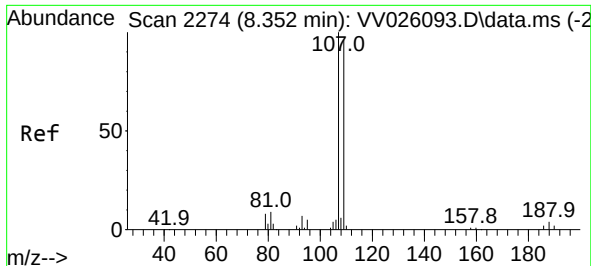


#49
Dibromochloromethane
Concen: 4.675 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 129 Resp: 64417

Ion	Ratio	Lower	Upper
129	100		
127	77.6	55.9	103.7

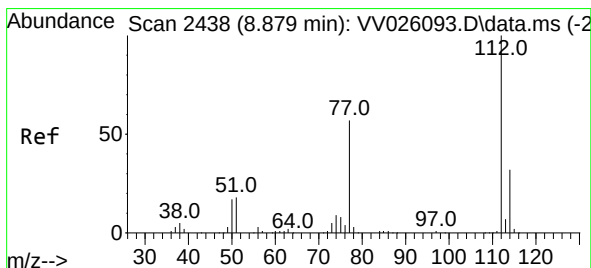
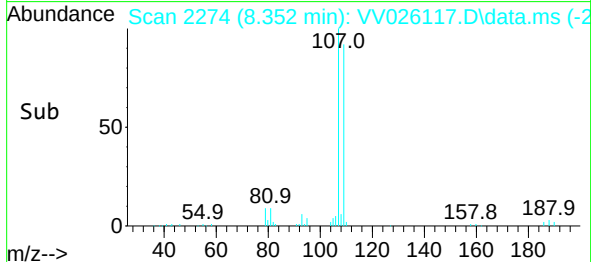
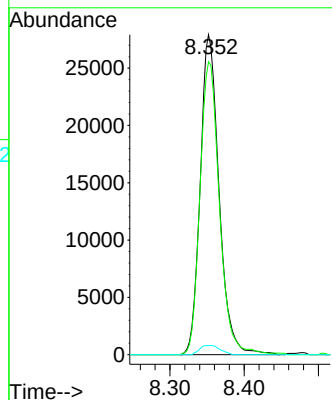
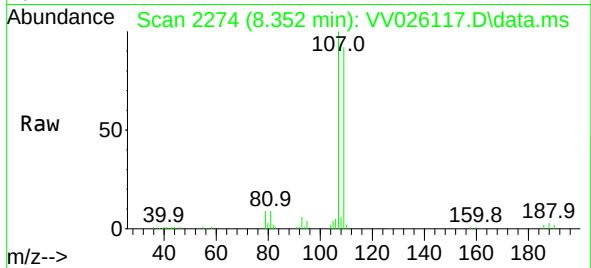




#50
1,2-Dibromoethane
Concen: 4.375 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

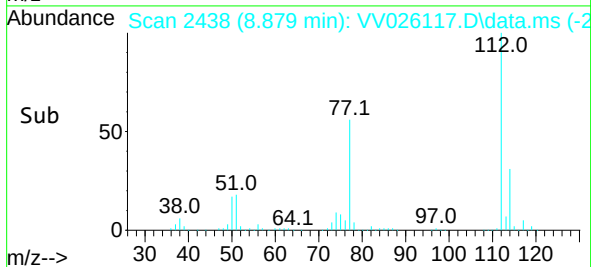
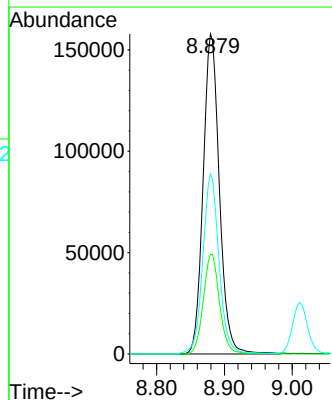
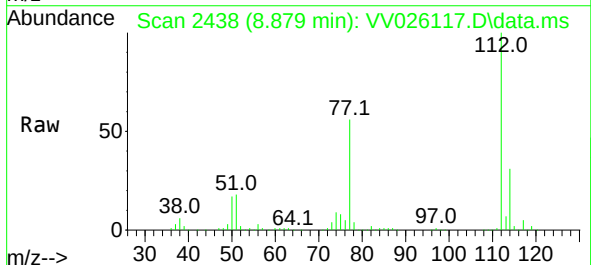
Instrument :
MSVOA_V
ClientSampleId :

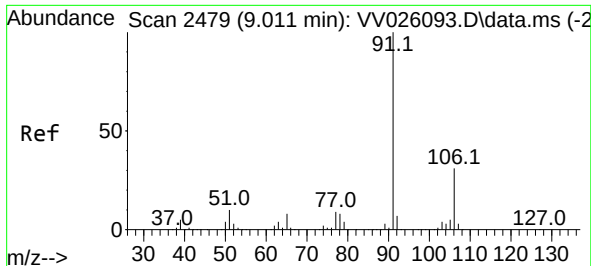
Tgt Ion:107 Resp: 49138
Ion Ratio Lower Upper
107 100
109 91.5 64.8 120.3
188 2.8 2.7 4.1



#51
Chlorobenzene
Concen: 4.820 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion:112 Resp: 262942
Ion Ratio Lower Upper
112 100
114 31.1 22.3 41.5
77 56.2 44.6 66.8

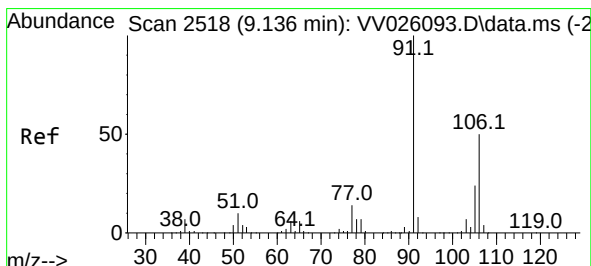
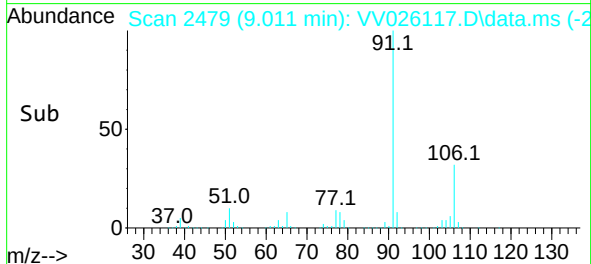
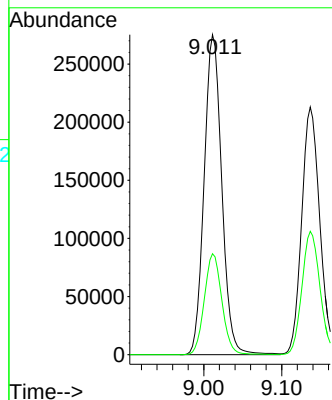
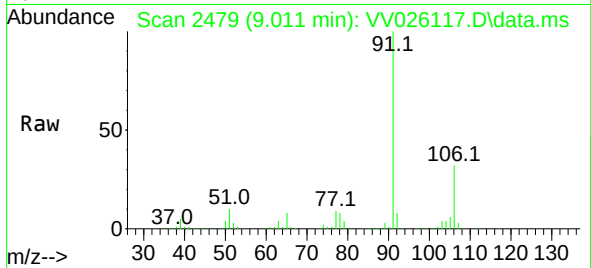




#52
Ethylbenzene
Concen: 4.924 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

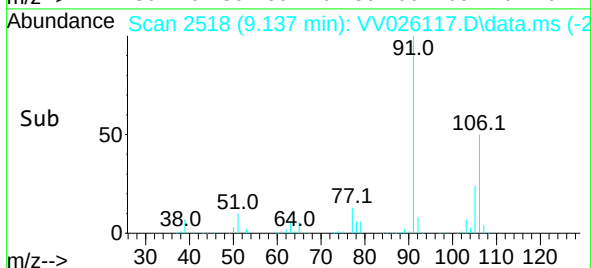
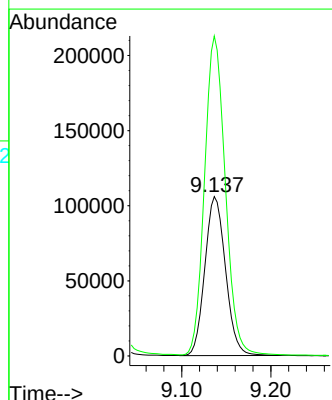
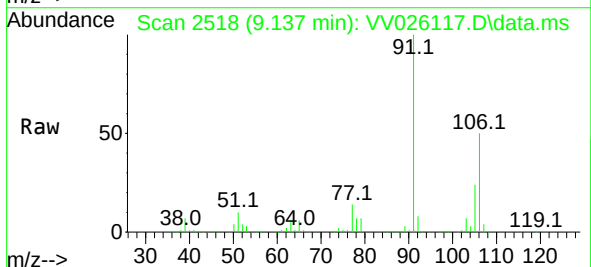
Instrument :
MSVOA_V
ClientSampleId :

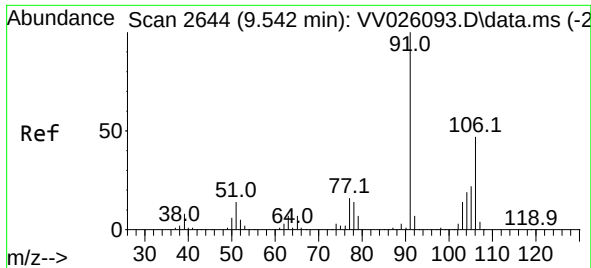
Tgt Ion: 91 Resp: 432583
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 5.030 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 106 Resp: 170809
Ion Ratio Lower Upper
106 100
91 200.8 140.4 260.8

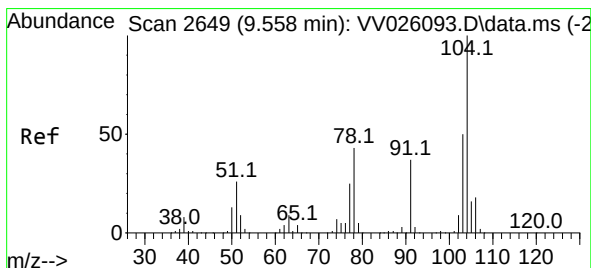
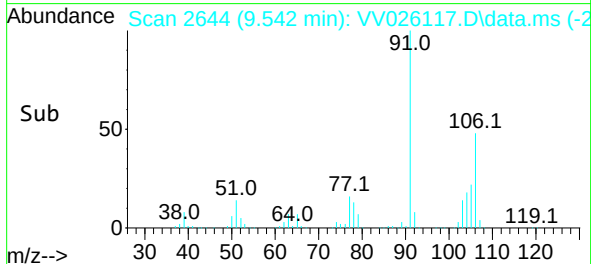
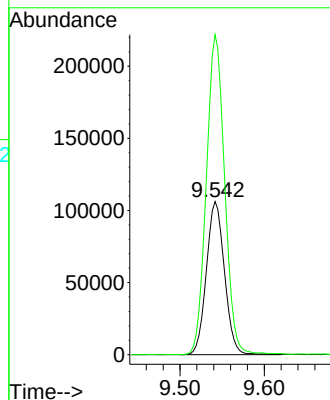
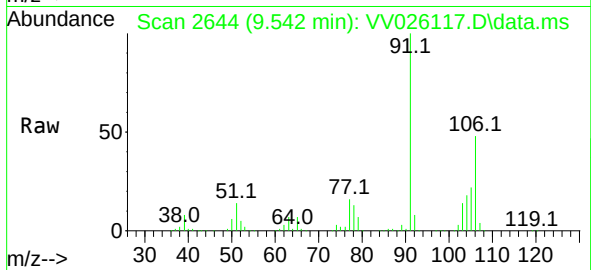




#54
o-Xylene
Concen: 4.920 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

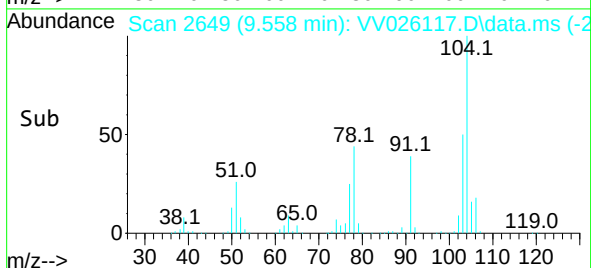
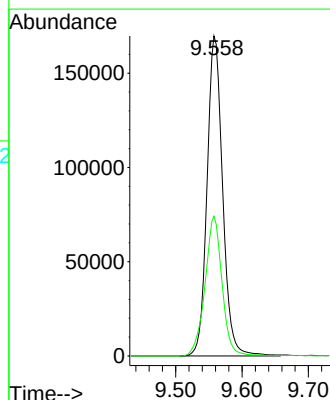
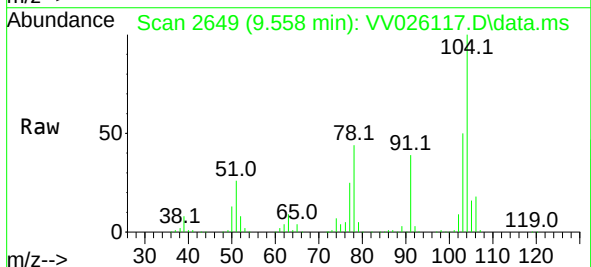
Instrument :
MSVOA_V
ClientSampleId :

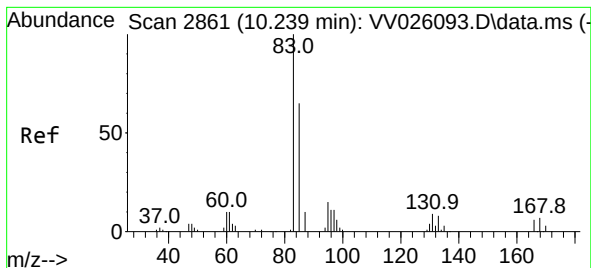
Tgt Ion:106 Resp: 158829
Ion Ratio Lower Upper
106 100
91 209.0 145.4 270.0



#55
Styrene
Concen: 5.147 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion:104 Resp: 278302
Ion Ratio Lower Upper
104 100
78 43.7 29.1 54.1

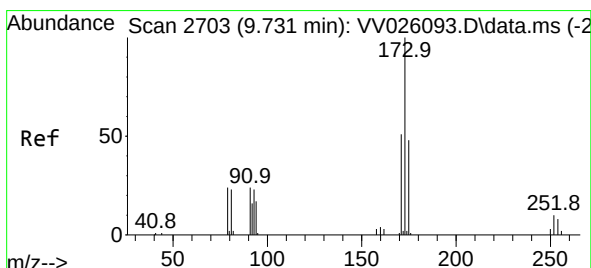
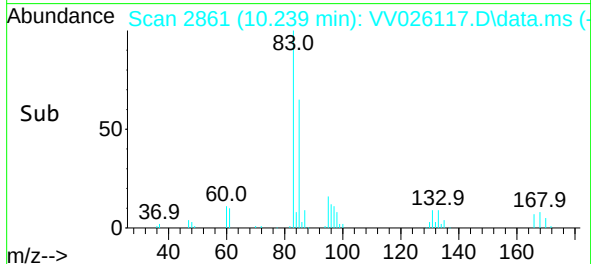
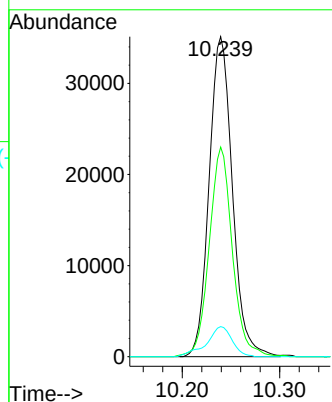
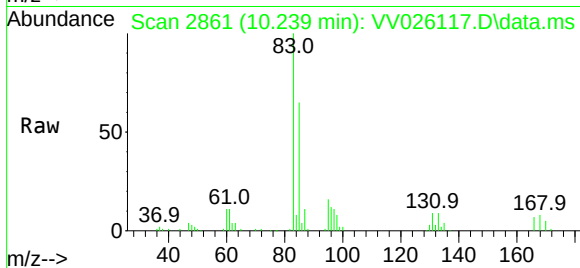




#57
1,1,2,2-Tetrachloroethane
Concen: 4.303 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

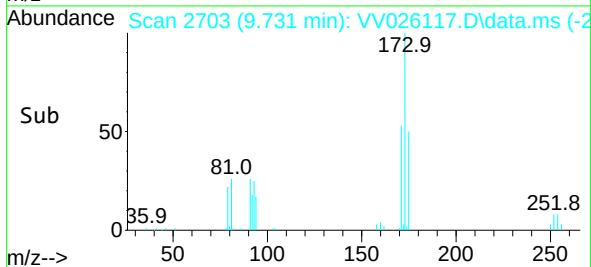
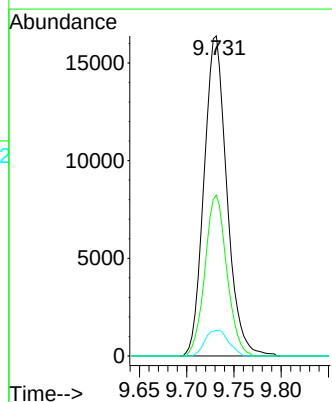
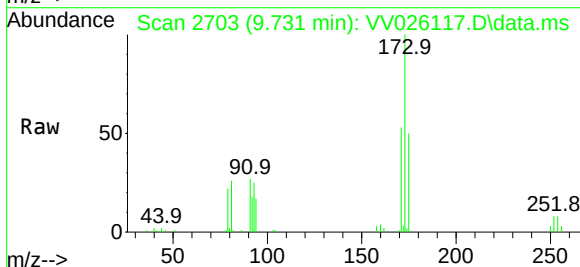
Instrument :
MSVOA_V
ClientSampleId :

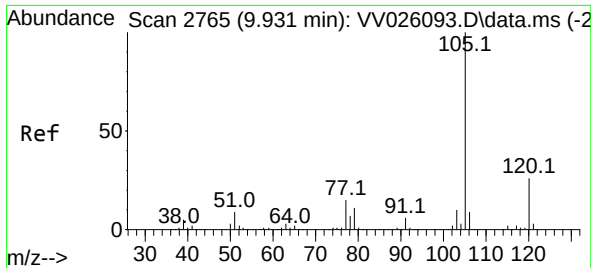
Tgt Ion: 83 Resp: 58150
Ion Ratio Lower Upper
83 100
85 65.5 46.4 86.2
131 9.4 7.1 10.7



#59
Bromoform
Concen: 4.572 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 173 Resp: 27547
Ion Ratio Lower Upper
173 100
175 48.1 38.8 58.2
254 8.3 6.9 10.3

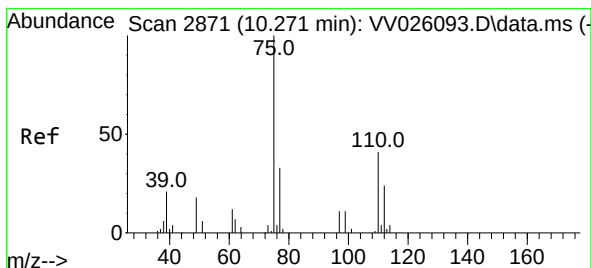
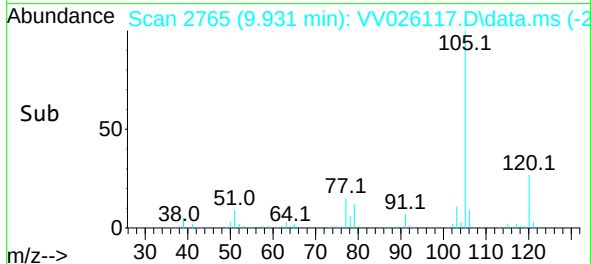
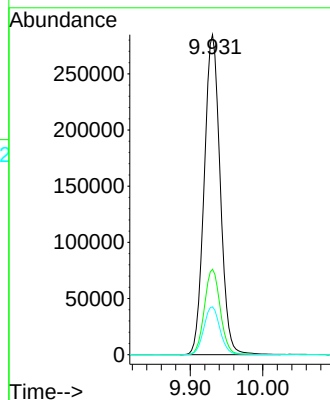
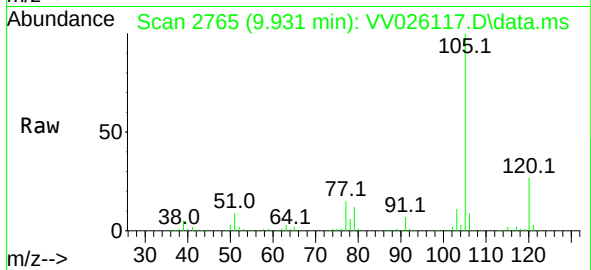




#60
Isopropylbenzene
Concen: 5.110 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

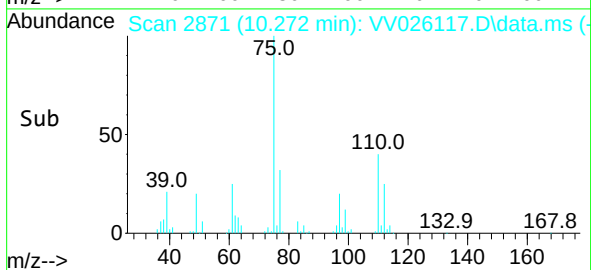
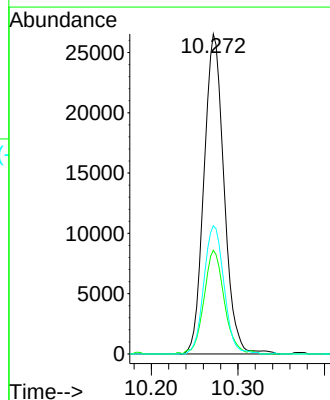
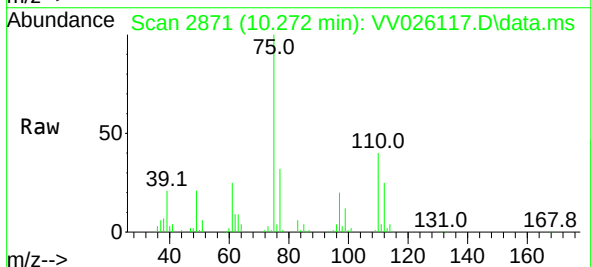
Instrument :
MSVOA_V
ClientSampleId :

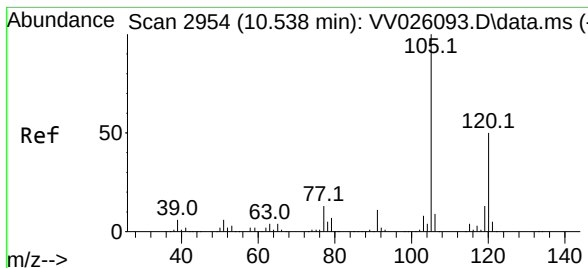
Tgt Ion:105 Resp: 436085
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 15.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 4.255 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion: 75 Resp: 42655
Ion Ratio Lower Upper
75 100
77 32.6 26.6 40.0
110 40.2 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.986 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026117.D

Acq: 11 Jun 2022 09:28

Instrument :

MSVOA_V

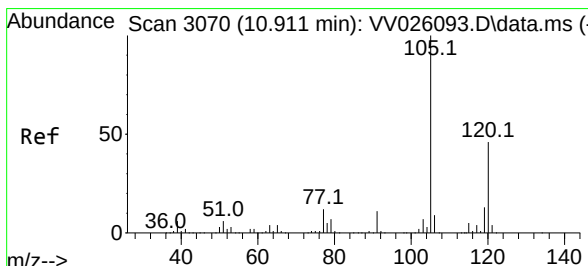
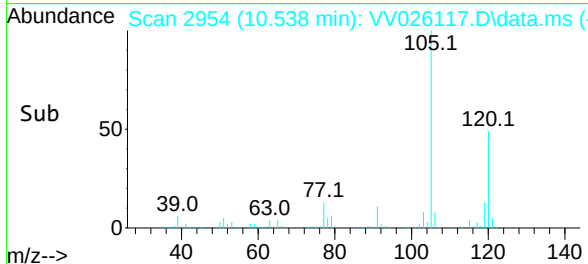
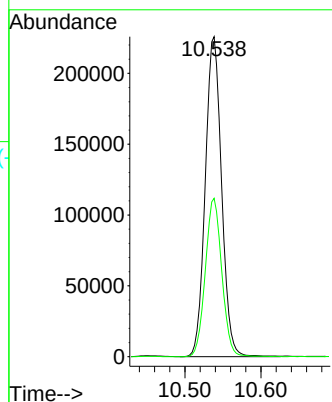
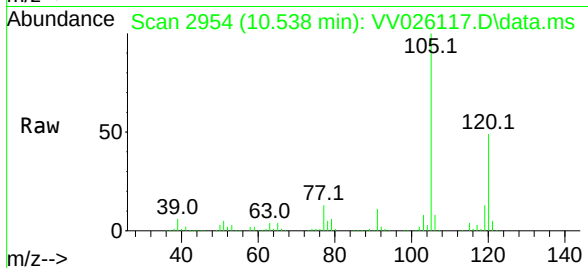
ClientSampleId :

Tgt Ion:105 Resp: 336967

Ion Ratio Lower Upper

105 100

120 49.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 5.151 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV026117.D

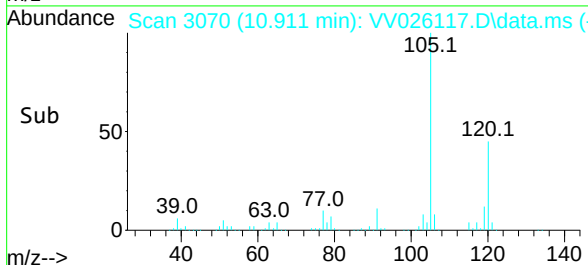
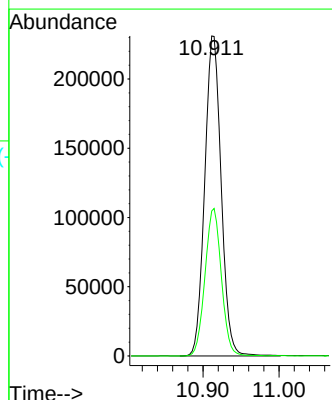
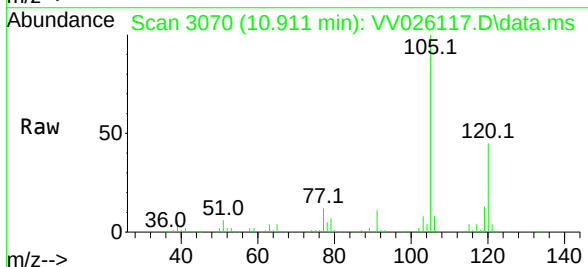
Acq: 11 Jun 2022 09:28

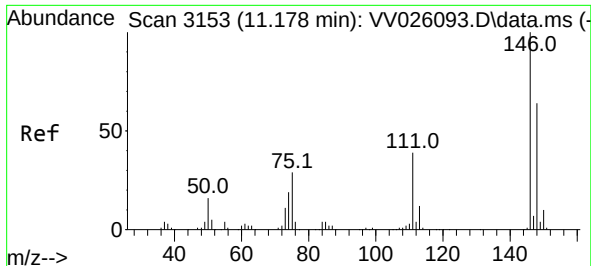
Tgt Ion:105 Resp: 346704

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1

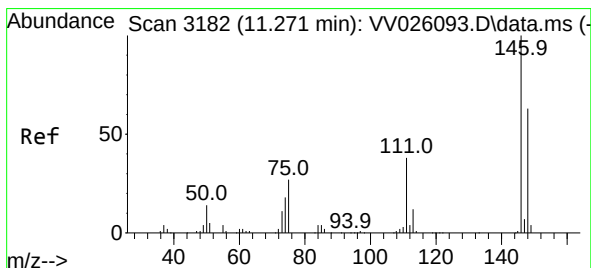
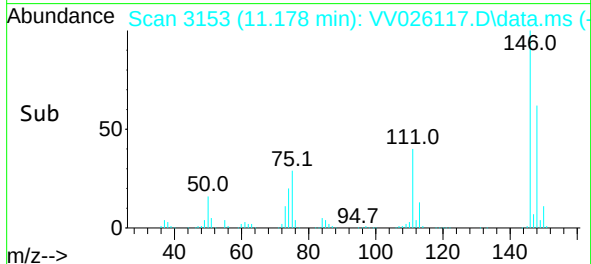
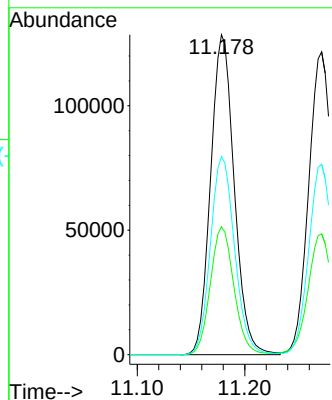
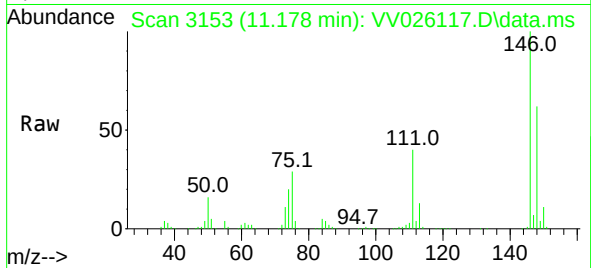




#64
1,3-Dichlorobenzene
Concen: 4.841 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

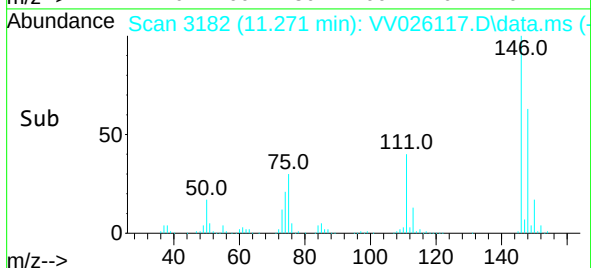
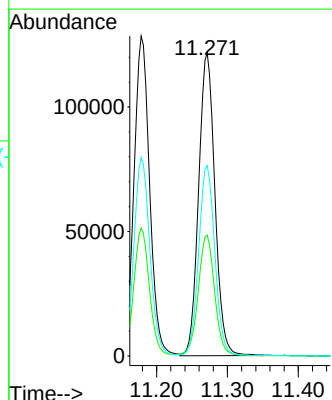
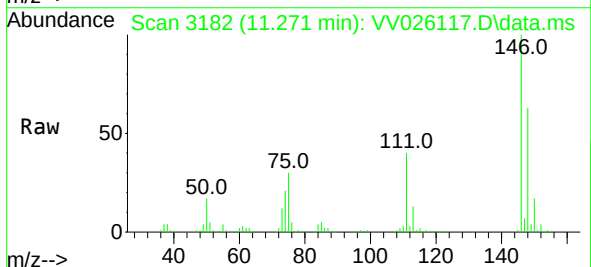
Instrument :
MSVOA_V
ClientSampleId :

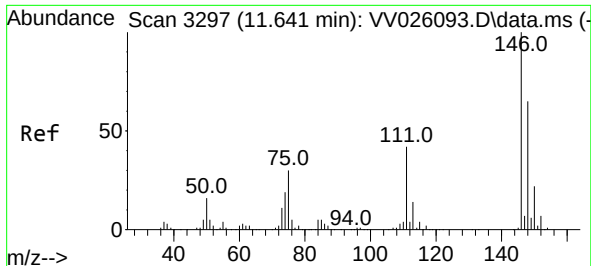
Tgt Ion:146 Resp: 196269
Ion Ratio Lower Upper
146 100
111 40.0 27.9 51.9
148 62.0 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.699 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

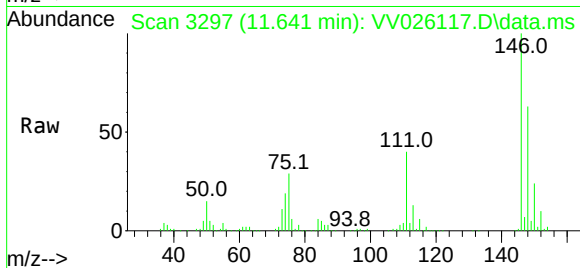
Tgt Ion:146 Resp: 193986
Ion Ratio Lower Upper
146 100
111 39.9 27.1 50.3
148 62.9 43.8 81.4



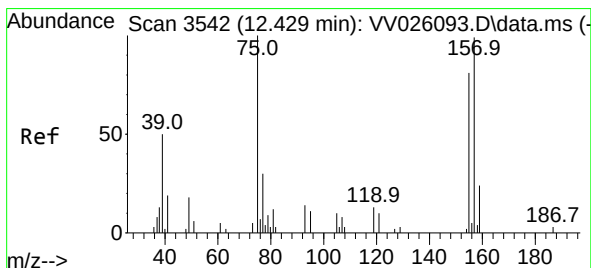
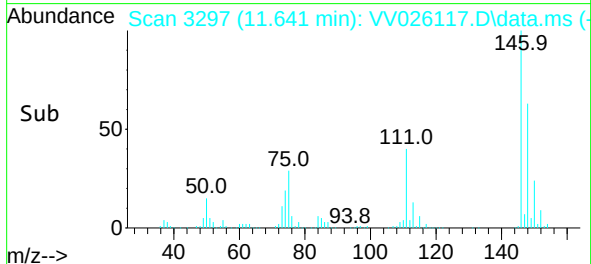
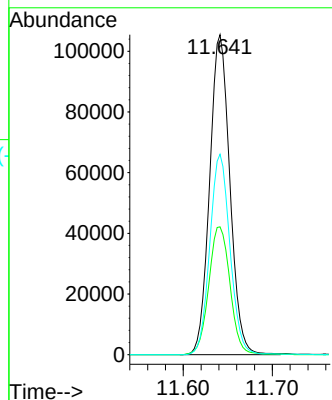


#67
1,2-Dichlorobenzene
Concen: 4.634 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Instrument :
MSVOA_V
ClientSampleId :

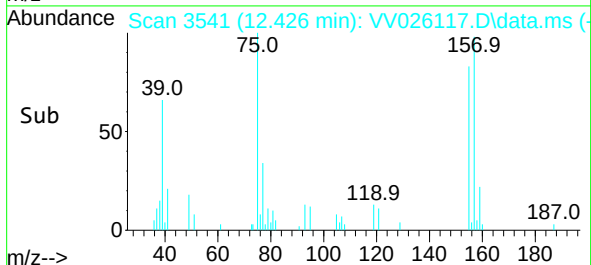
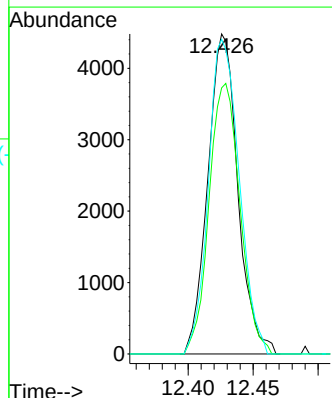
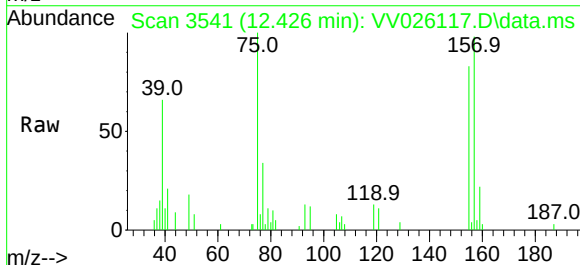


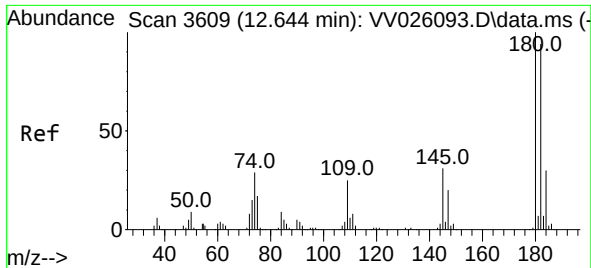
Tgt Ion:146 Resp: 166181
Ion Ratio Lower Upper
146 100
111 40.0 33.9 50.9
148 62.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.040 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

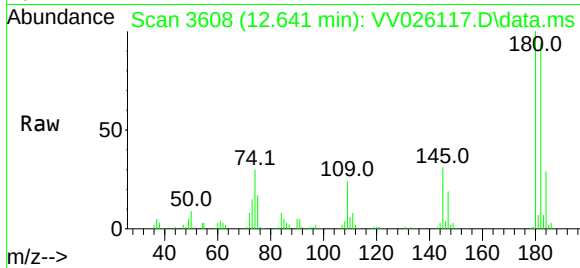
Tgt Ion: 75 Resp: 7197
Ion Ratio Lower Upper
75 100
155 83.2 68.0 102.0
157 98.3 89.7 134.5



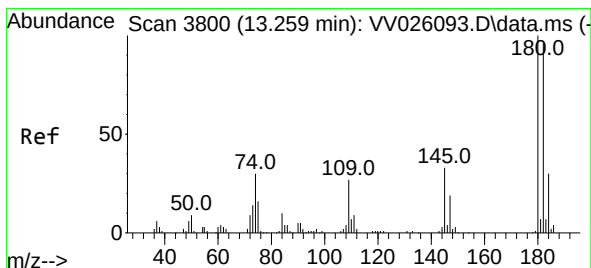
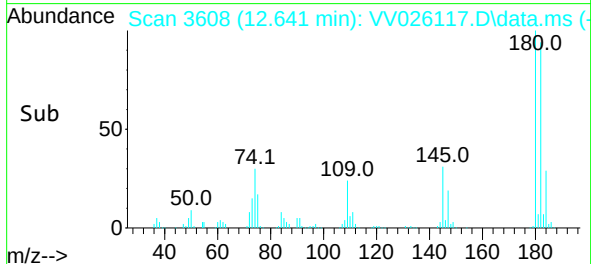
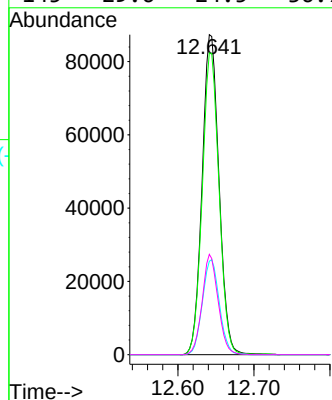


#69
 1,3,5-Trichlorobenzene
 Concen: 4.587 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.003 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

Instrument :
 MSVOA_V
 ClientSampleId :

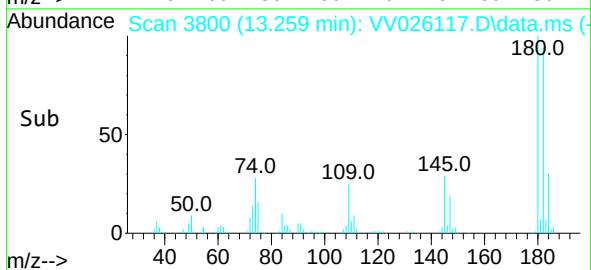
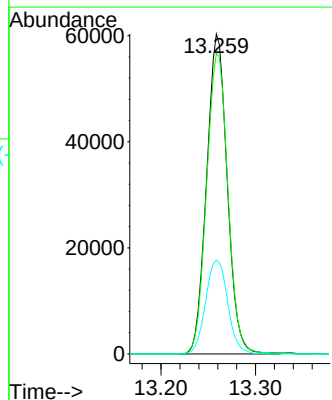
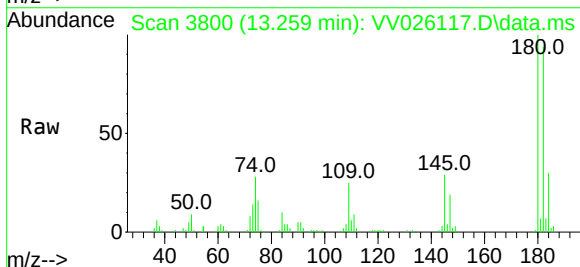


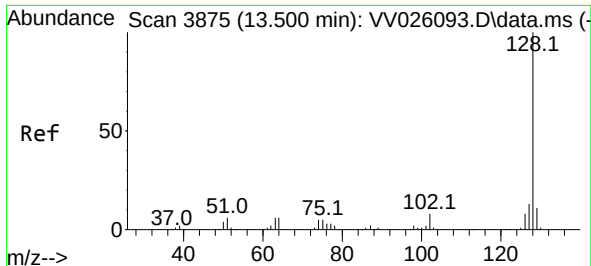
Tgt Ion:180 Resp: 134677
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.3 114.5
 184 29.8 24.0 36.0
 145 29.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.177 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026117.D
 Acq: 11 Jun 2022 09:28

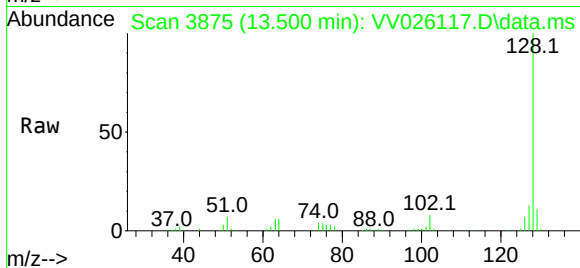
Tgt Ion:180 Resp: 91423
 Ion Ratio Lower Upper
 180 100
 182 97.2 74.2 111.4
 145 31.5 24.1 36.1



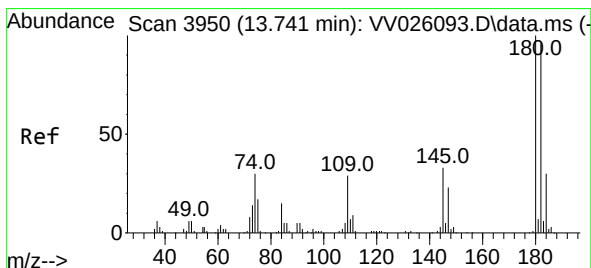
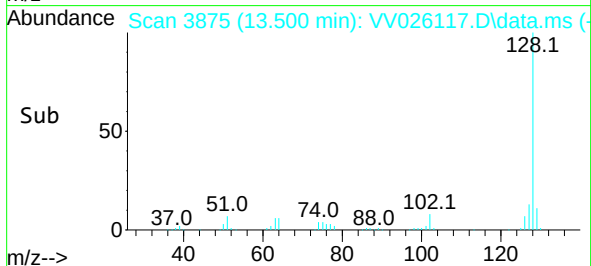
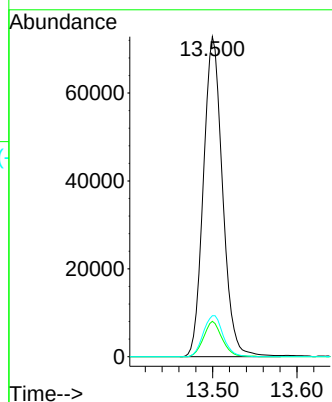


#71
Naphthalene
Concen: 3.706 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 115241
Ion Ratio Lower Upper
128 100
129 10.7 8.7 13.1
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 3.962 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026117.D
Acq: 11 Jun 2022 09:28

Tgt Ion:180 Resp: 73400
Ion Ratio Lower Upper
180 100
182 98.6 74.0 111.0
145 33.4 25.5 38.3

