

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081822\
 Data File : VV027432.D
 Acq On : 18 Aug 2022 12:35
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 18 20:49:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	302383	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.847	117	304787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	182149	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	99732	48.376	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.760%
7) Chloroethane-d5	1.564	69	66656	44.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.460%
11) 1,1-Dichloroethene-d2	2.105	63	221341	58.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	117.400%
21) 2-Butanone-d5	3.873	46	145752	79.426	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.430%
24) Chloroform-d	4.339	84	203797	48.260	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
26) 1,2-Dichloroethane-d4	5.024	65	128114	48.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.720%
32) Benzene-d6	5.043	84	382303	52.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.620%
36) 1,2-Dichloropropane-d6	6.063	67	118222	45.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.940%
41) Toluene-d8	7.310	98	352954	56.654	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.300%
43) trans-1,3-Dichloroprop...	7.616	79	55510	48.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.960%
47) 2-Hexanone-d5	8.085	63	101514	81.067	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.070%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	169781	40.071	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.140%
66) 1,2-Dichlorobenzene-d4	11.622	152	128849	40.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	129739	48.231	ug/L	100
3) Chloromethane	1.240	50	122605	39.897	ug/L	99
5) Vinyl chloride	1.310	62	126085	41.186	ug/L	100
6) Bromomethane	1.519	94	54047	37.450	ug/L	97
8) Chloroethane	1.580	64	69418	40.703	ug/L	100
9) Trichlorofluoromethane	1.751	101	205901	52.419	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	129747	59.569	ug/L	96
12) 1,1-Dichloroethene	2.114	96	110724	52.846	ug/L	91
13) Acetone	2.166	43	159340	112.609	ug/L	87
14) Carbon disulfide	2.291	76	269685	37.819	ug/L	100
15) Methyl Acetate	2.426	43	164426	51.090	ug/L	# 83
16) Methylene chloride	2.500	84	139418	49.815	ug/L	86
17) trans-1,2-Dichloroethene	2.754	96	119095	51.365	ug/L	92
18) Methyl tert-butyl Ether	2.764	73	410645	59.550	ug/L	# 95
19) 1,1-Dichloroethane	3.182	63	251277	53.986	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	129521	53.774	ug/L	88
22) 2-Butanone	3.953	43	228203	117.636	ug/L	100
23) Bromochloromethane	4.239	128	73571	54.699	ug/L	91
25) Chloroform	4.365	83	265844	56.516	ug/L	100

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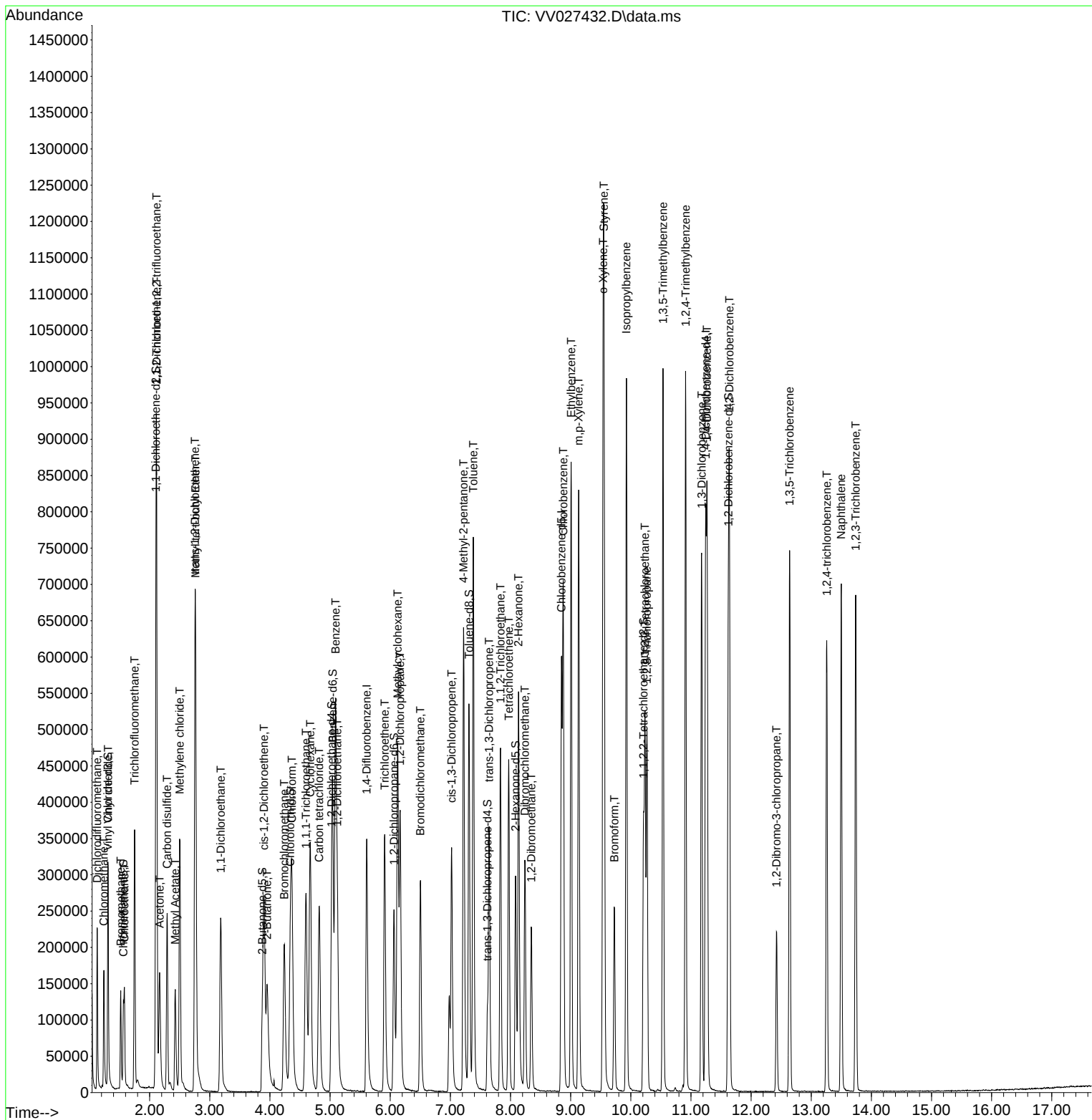
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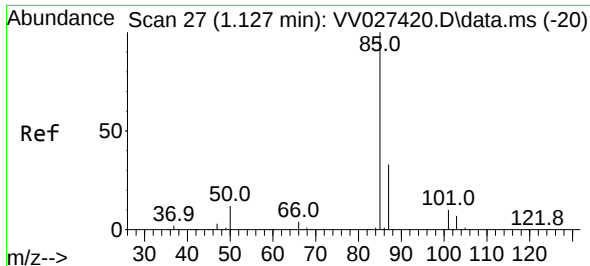
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 Quant Title : VOC Analysis
 QLast Update : Thu Aug 18 02:23:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.120	62	210031	57.331	ug/L	96
29) Cyclohexane	4.670	56	178203	50.768	ug/L	92
30) 1,1,1-Trichloroethane	4.600	97	230200	56.983	ug/L	97
31) Carbon tetrachloride	4.818	117	198607	56.626	ug/L	100
33) Benzene	5.092	78	523649	53.464	ug/L	100
34) Trichloroethene	5.908	95	128616	51.285	ug/L	97
35) Methylcyclohexane	6.124	83	192229	52.127	ug/L	91
37) 1,2-Dichloropropane	6.165	63	148834	54.241	ug/L	100
38) Bromodichloromethane	6.503	83	196623	54.689	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	206194	56.730	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	443218	113.226	ug/L #	91
42) Toluene	7.381	91	552677	55.499	ug/L	98
44) trans-1,3-Dichloropropene	7.644	75	205265	57.468	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	145474	55.007	ug/L	98
46) Tetrachloroethene	7.972	164	99284	54.089	ug/L	96
48) 2-Hexanone	8.133	43	350356	112.379	ug/L #	90
49) Dibromochloromethane	8.239	129	159248	56.964	ug/L	98
50) 1,2-Dibromoethane	8.345	107	144381	53.057	ug/L	98
51) Chlorobenzene	8.876	112	357935	53.587	ug/L	96
52) Ethylbenzene	9.008	91	577633	56.214	ug/L	99
53) m,p-Xylene	9.133	106	226117	58.225	ug/L	94
54) o-Xylene	9.538	106	218633	57.787	ug/L	97
55) Styrene	9.554	104	408820	61.339	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.236	83	238682	53.873	ug/L	99
59) Bromoform	9.725	173	110729	51.166	ug/L	99
60) Isopropylbenzene	9.927	105	587771	51.204	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	191685	45.839	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	498587	52.595	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	503218	54.188	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	292483	52.572	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	300034	51.244	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	297759	51.080	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.422	75	54833	46.739	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	215026	57.544	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	178822	57.619	ug/L	100
71) Naphthalene	13.500	128	523295	49.242	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	193763	56.327	ug/L	100

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

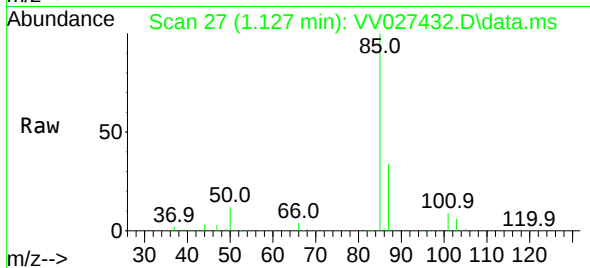
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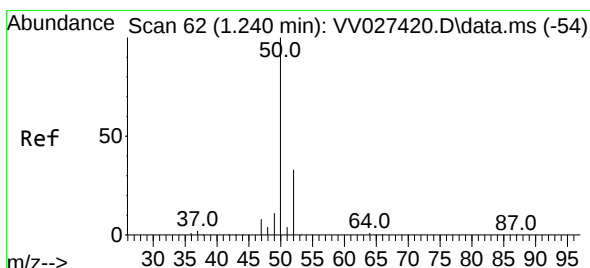
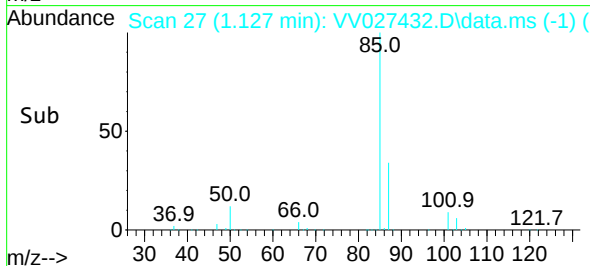
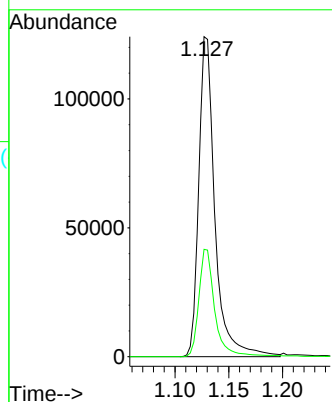


#2
 Dichlorodifluoromethane
 Concen: 48.231 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

Instrument :
 MSVOA_V
 ClientSampleId :

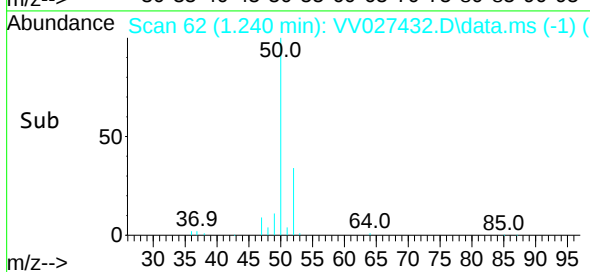
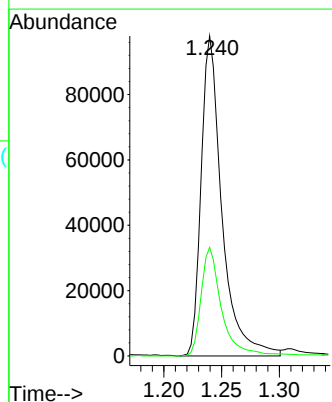
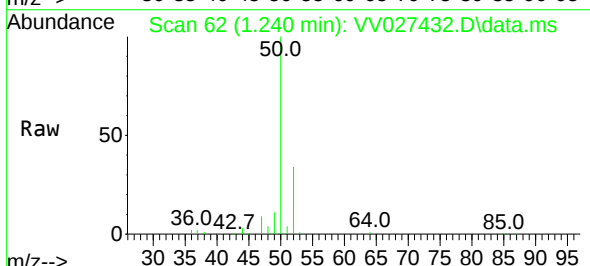


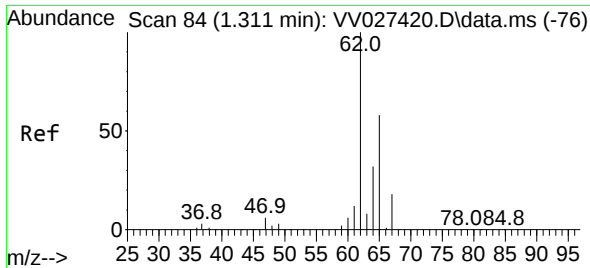
Tgt Ion: 85 Resp: 129739
 Ion Ratio Lower Upper
 85 100
 87 32.9 26.1 39.1



#3
 Chloromethane
 Concen: 39.897 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

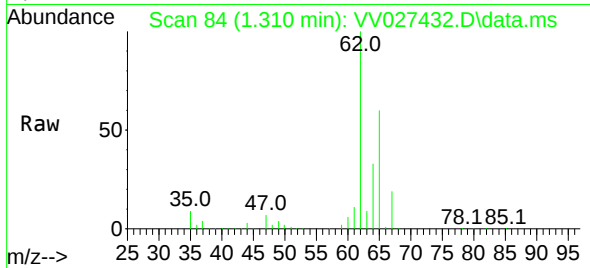
Tgt Ion: 50 Resp: 122605
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.5 43.7



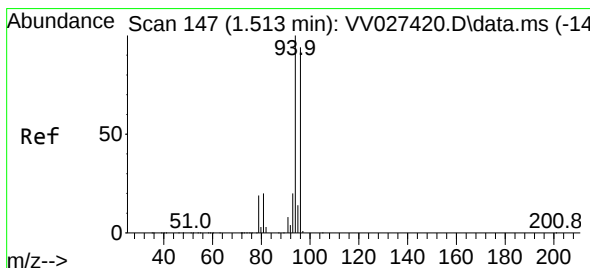
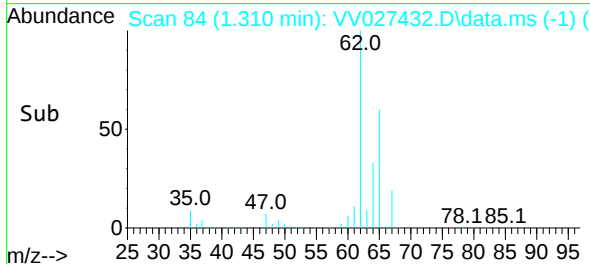
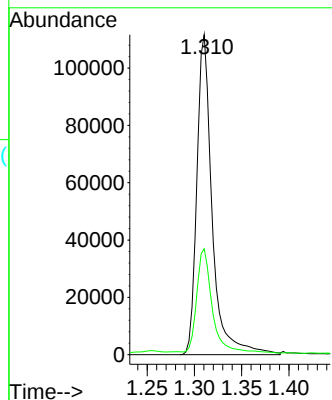


#5
 Vinyl chloride
 Concen: 41.186 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

Instrument :
 MSVOA_V
 ClientSampleId :

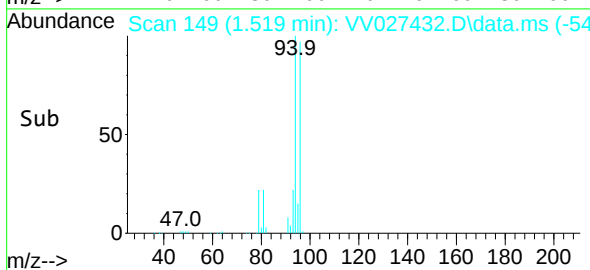
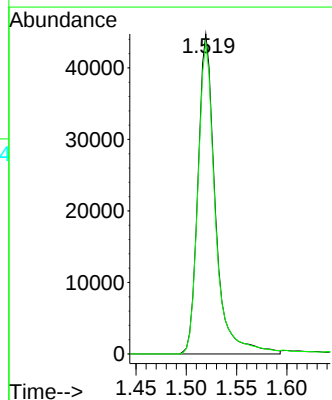
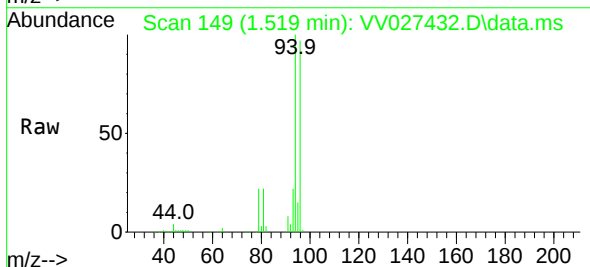


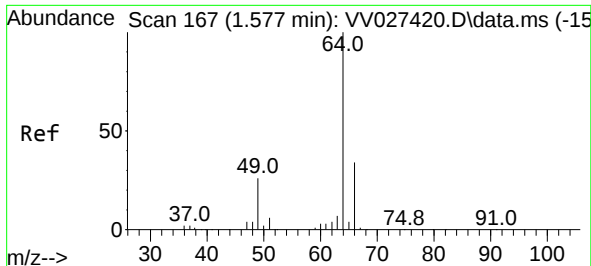
Tgt Ion: 62 Resp: 126085
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 37.450 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

Tgt Ion: 94 Resp: 54047
 Ion Ratio Lower Upper
 94 100
 96 97.2 66.1 122.8

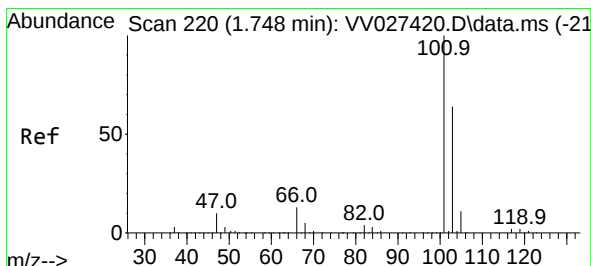
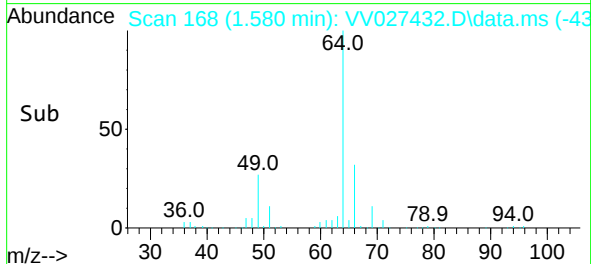
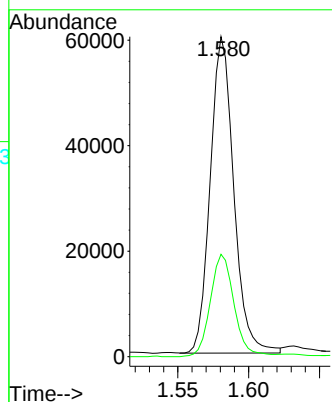
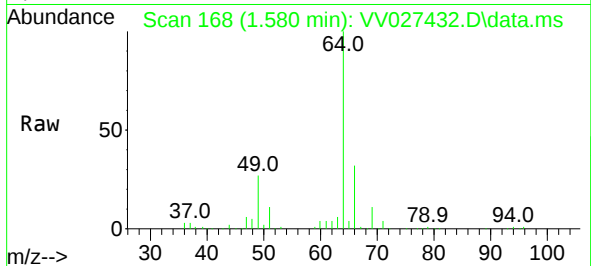




#8
Chloroethane
Concen: 40.703 ug/L
RT: 1.580 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

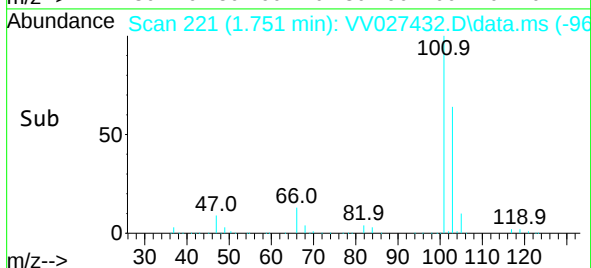
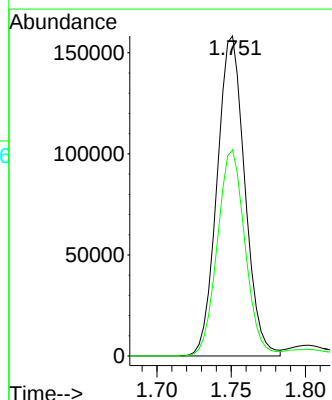
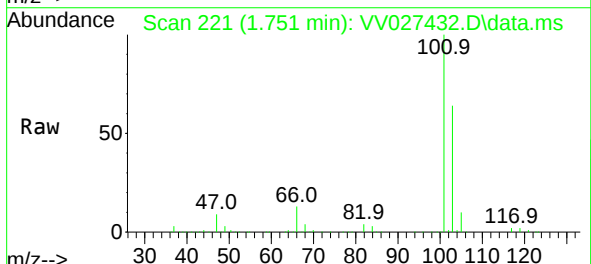
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MSVOA_V
ClientSampleId :

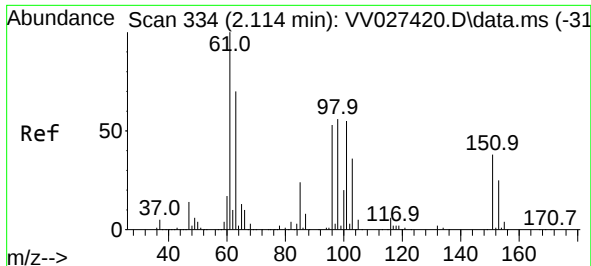
Tgt Ion: 64 Resp: 69418
Ion Ratio Lower Upper
64 100
66 32.0 22.4 41.6



#9
Trichlorofluoromethane
Concen: 52.419 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:101 Resp: 205901
Ion Ratio Lower Upper
101 100
103 64.2 52.4 78.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 59.569 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

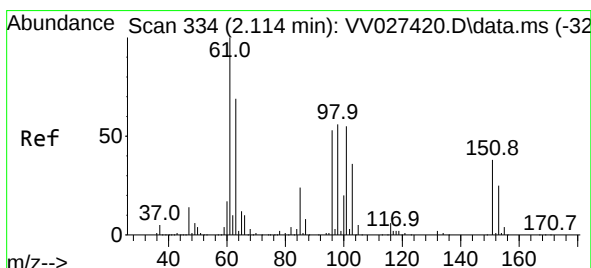
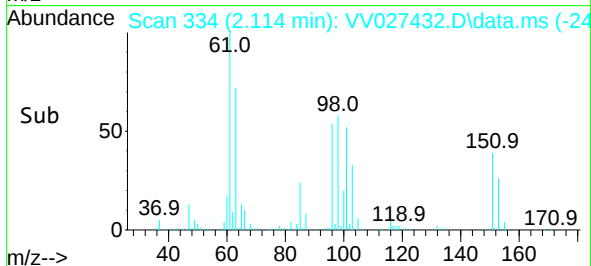
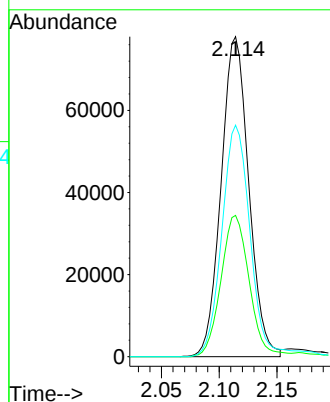
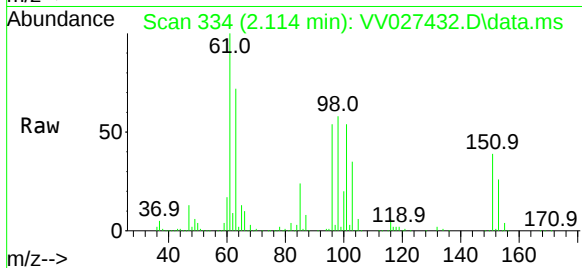
Tgt Ion:101 Resp: 129747

Ion Ratio Lower Upper

101 100

85 45.2 34.1 51.1

151 75.2 57.8 86.8



#12

1,1-Dichloroethene

Concen: 52.846 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

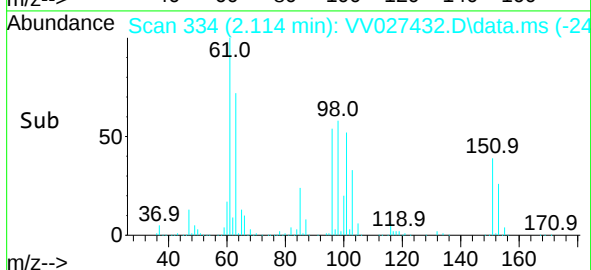
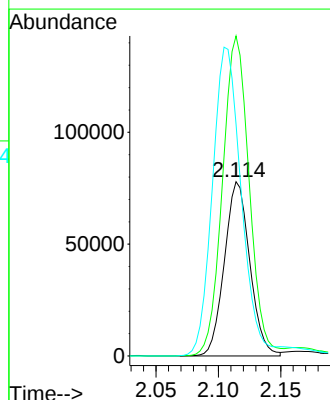
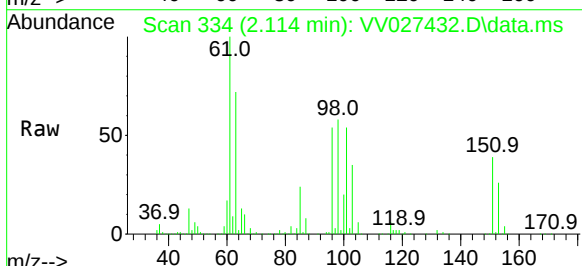
Tgt Ion: 96 Resp: 110724

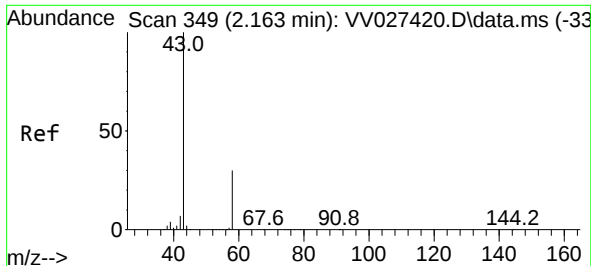
Ion Ratio Lower Upper

96 100

61 183.6 114.3 212.3

63 133.0 93.4 173.4





#13

Acetone

Concen: 112.609 ug/L

RT: 2.166 min Scan# 349

Delta R.T. 0.003 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

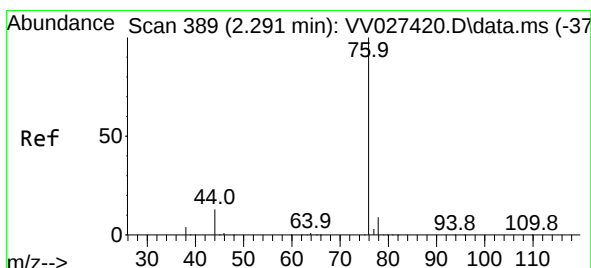
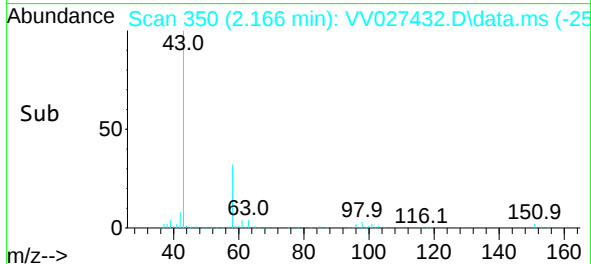
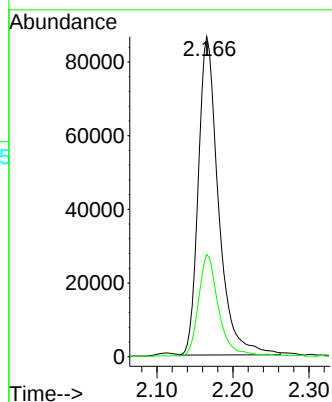
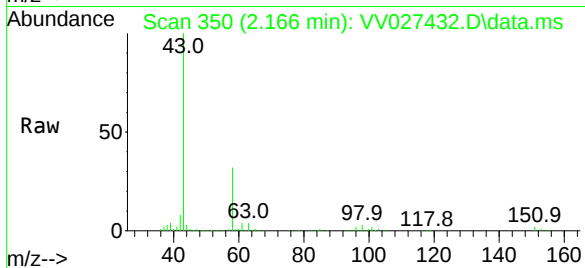
ClientSampleId :

Tgt Ion: 43 Resp: 159340

Ion Ratio Lower Upper

43 100

58 31.2 0.0 49.6



#14

Carbon disulfide

Concen: 37.819 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.000 min

Lab File: VV027432.D

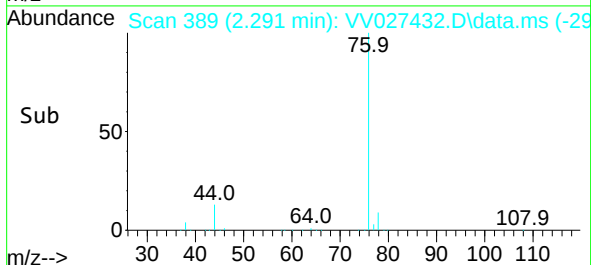
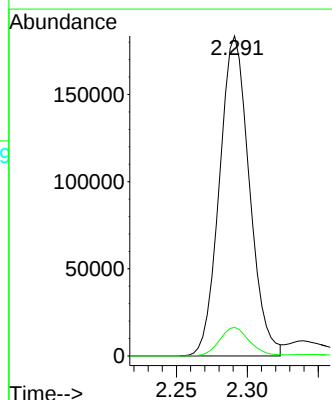
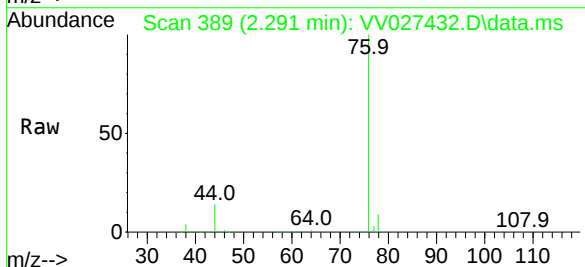
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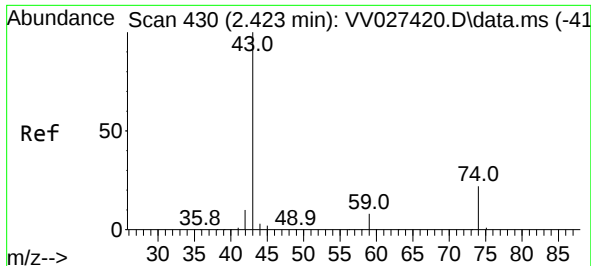
Tgt Ion: 76 Resp: 269685

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9

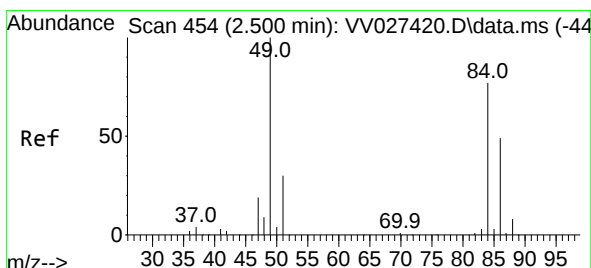
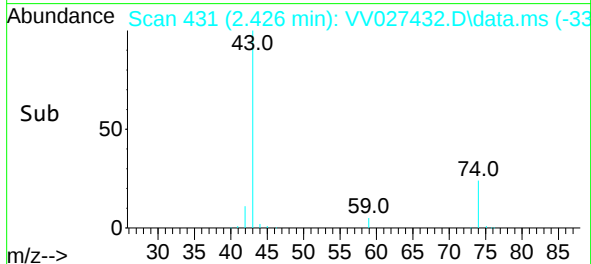
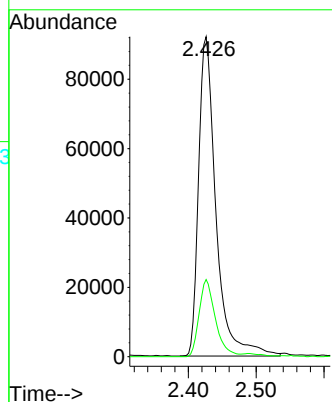
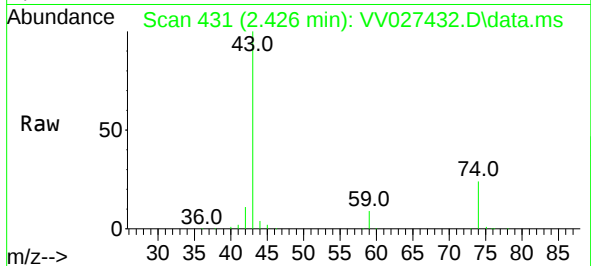




#15
Methyl Acetate
Concen: 51.090 ug/L
RT: 2.426 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

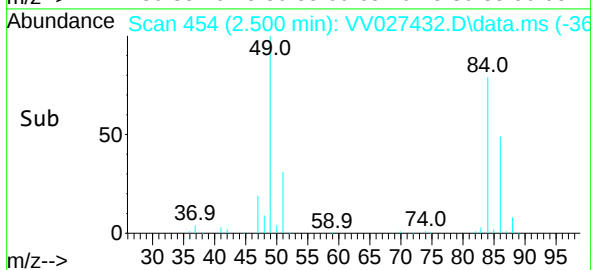
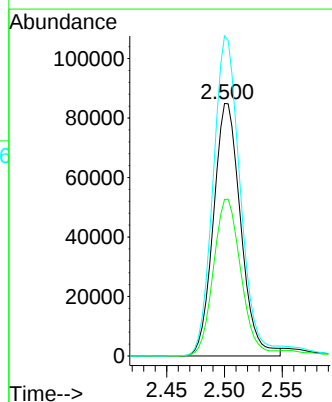
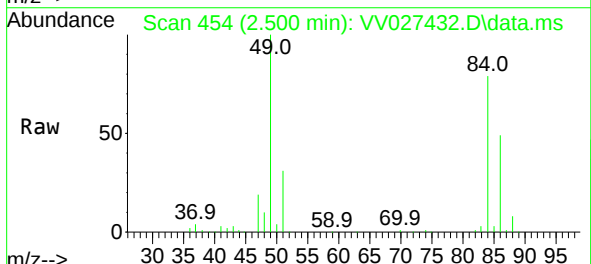
Instrument :
MSVOA_V
ClientSampleId :

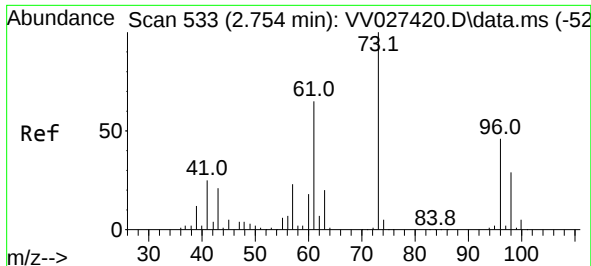
Tgt Ion: 43 Resp: 164426
Ion Ratio Lower Upper
43 100
74 22.6 25.5 38.3#



#16
Methylene chloride
Concen: 49.815 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion: 84 Resp: 139418
Ion Ratio Lower Upper
84 100
86 62.0 45.0 83.6
49 126.8 74.1 137.7

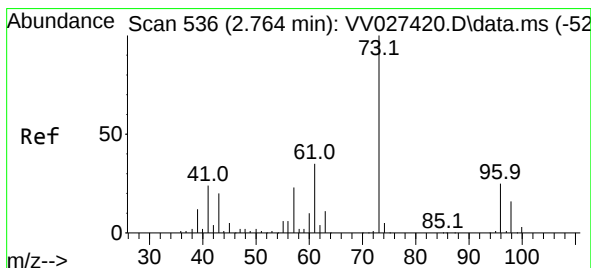
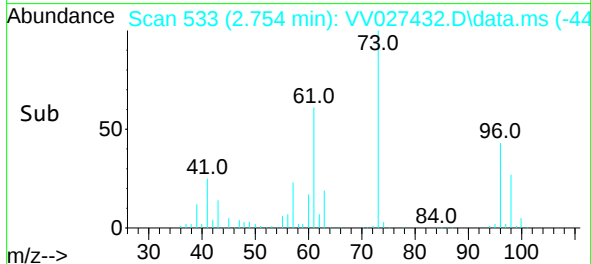
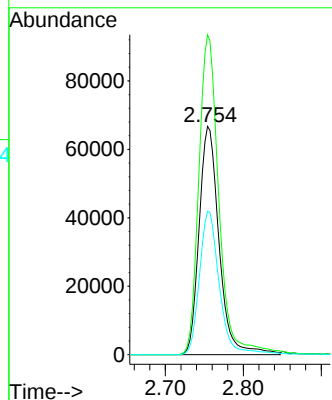
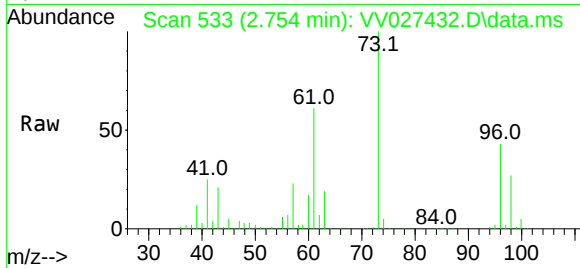




#17
 trans-1,2-Dichloroethene
 Concen: 51.365 ug/L
 RT: 2.754 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

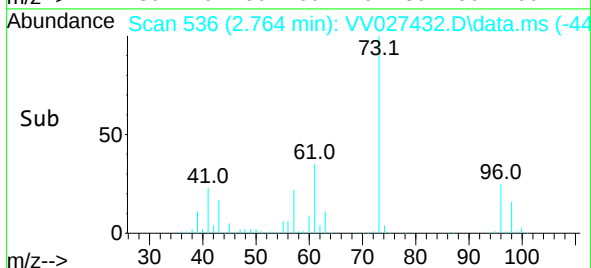
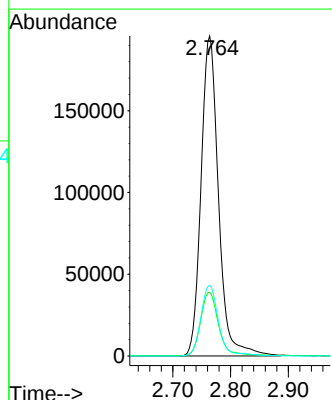
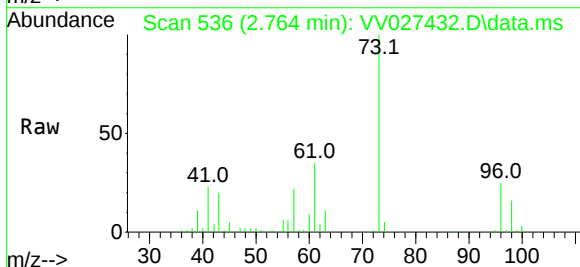
Instrument :
 MSVOA_V
 ClientSampleId :

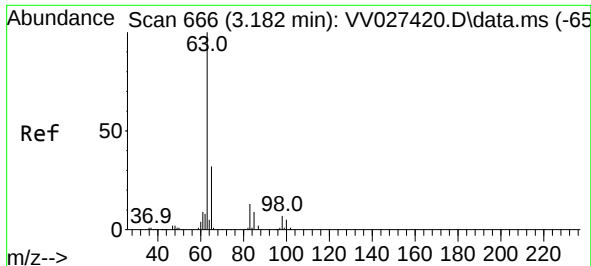
Tgt Ion: 96 Resp: 119095
 Ion Ratio Lower Upper
 96 100
 61 140.2 89.2 165.6
 98 62.8 44.6 82.8



#18
 Methyl tert-butyl Ether
 Concen: 59.550 ug/L
 RT: 2.764 min Scan# 536
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

Tgt Ion: 73 Resp: 410645
 Ion Ratio Lower Upper
 73 100
 43 20.1 12.6 18.8#
 57 21.8 17.3 25.9





#19

1,1-Dichloroethane

Concen: 53.986 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

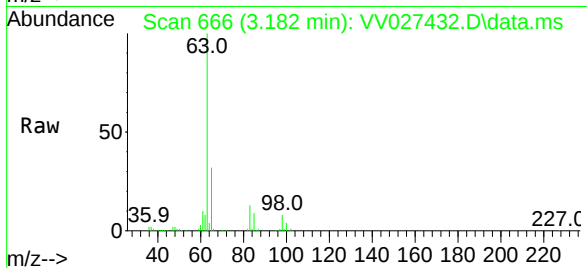
Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :



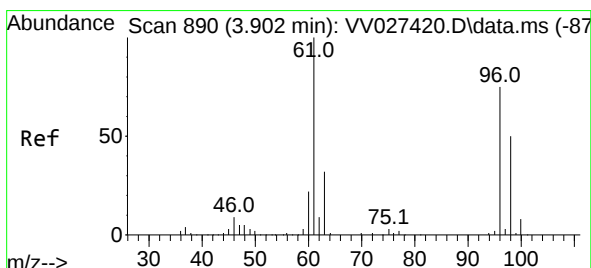
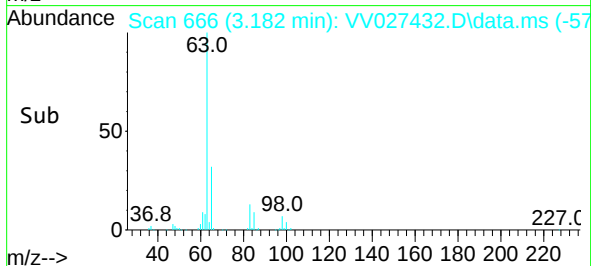
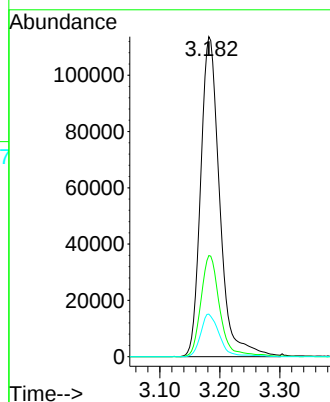
Tgt Ion: 63 Resp: 251277

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.3

83 13.3 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 53.774 ug/L

RT: 3.902 min Scan# 890

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

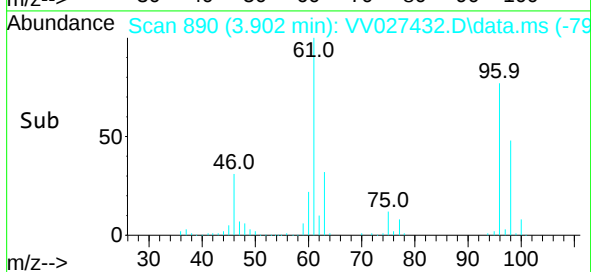
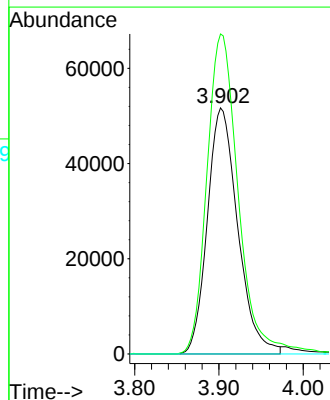
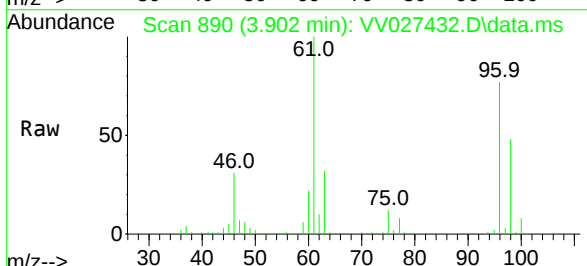
Tgt Ion: 96 Resp: 129521

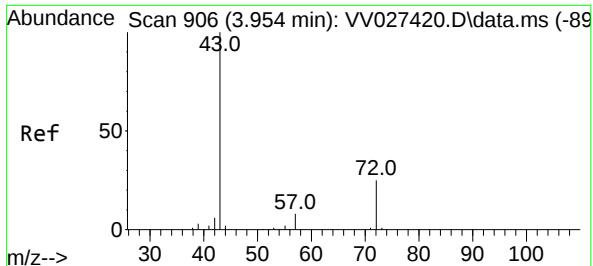
Ion Ratio Lower Upper

96 100

61 130.0 81.8 151.8

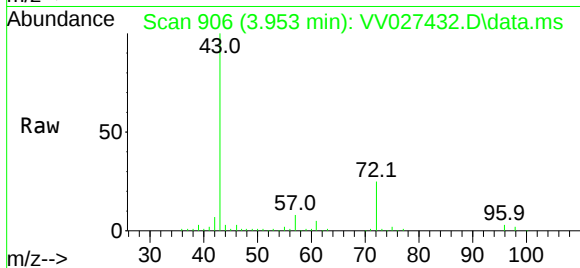
68 0.0 0.0 0.0



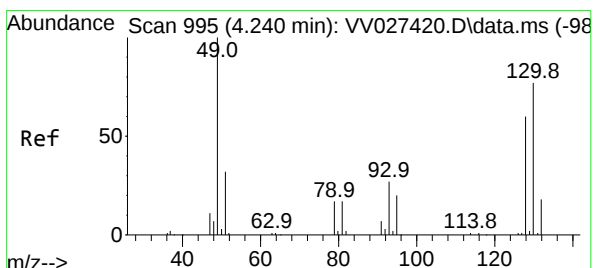
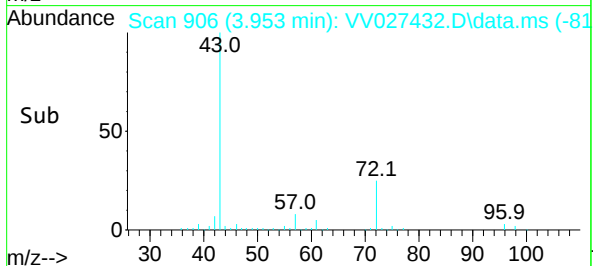
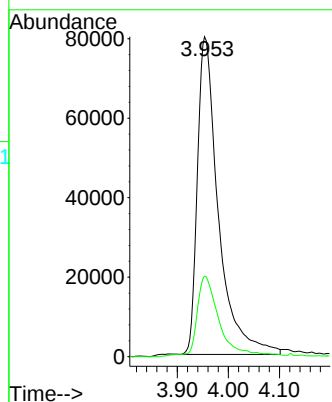


#22
2-Butanone
Concen: 117.636 ug/L
RT: 3.953 min Scan# 906
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Instrument :
MSVOA_V
ClientSampleId :

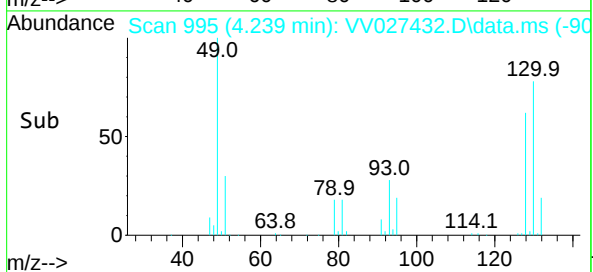
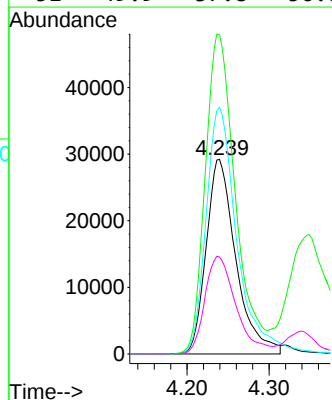
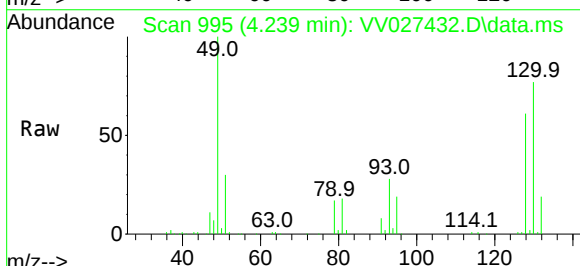


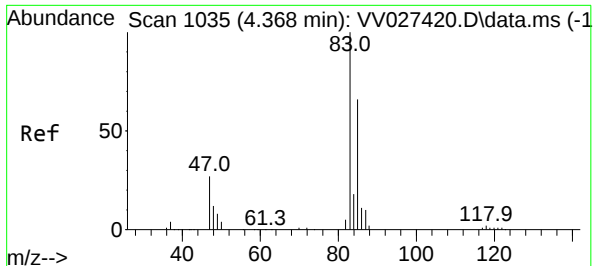
Tgt Ion: 43 Resp: 228203
Ion Ratio Lower Upper
43 100
72 23.7 11.9 35.7



#23
Bromochloromethane
Concen: 54.699 ug/L
RT: 4.239 min Scan# 995
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:128 Resp: 73571
Ion Ratio Lower Upper
128 100
49 164.1 98.7 183.3
130 126.7 89.5 166.1
51 49.9 37.8 56.8

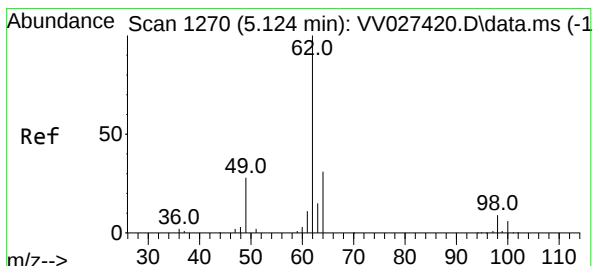
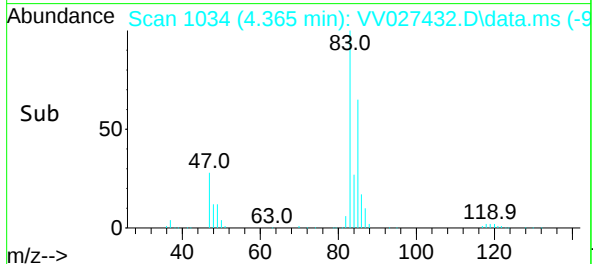
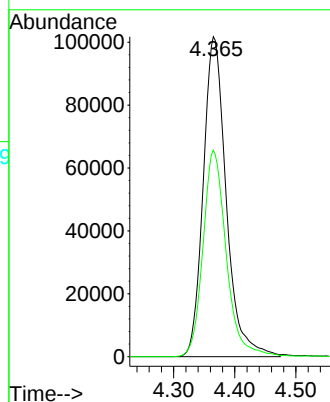
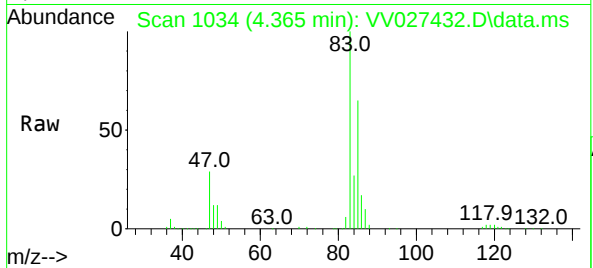




#25
Chloroform
Concen: 56.516 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

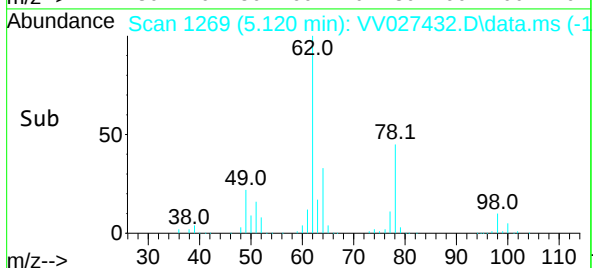
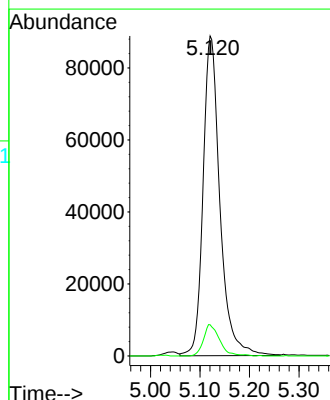
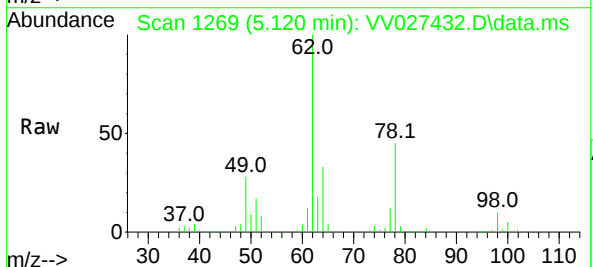
Instrument :
MSVOA_V
ClientSampleId :

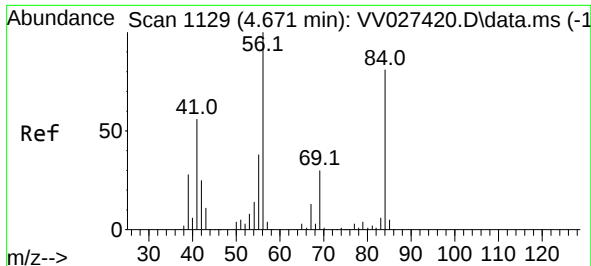
Tgt Ion: 83 Resp: 265844
Ion Ratio Lower Upper
83 100
85 64.6 45.4 84.4



#27
1,2-Dichloroethane
Concen: 57.331 ug/L
RT: 5.120 min Scan# 1269
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion: 62 Resp: 210031
Ion Ratio Lower Upper
62 100
98 9.8 9.0 13.6





#29

Cyclohexane

Concen: 50.768 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.000 min

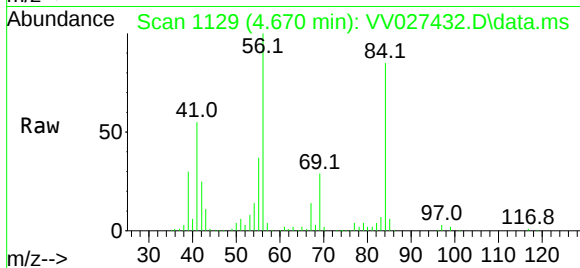
Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :



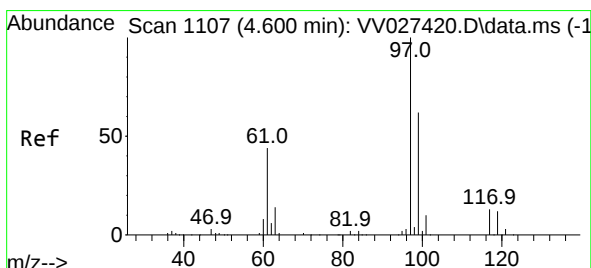
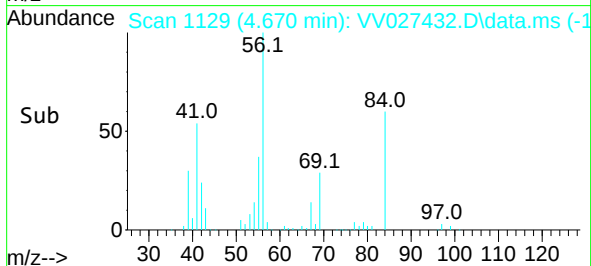
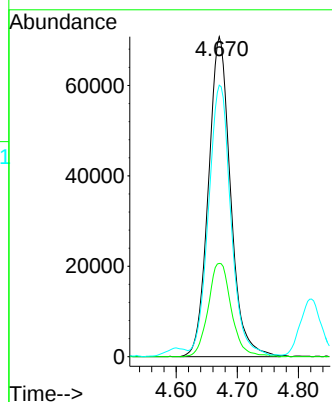
Tgt Ion: 56 Resp: 178203

Ion Ratio Lower Upper

56 100

69 30.3 25.9 38.9

84 84.8 75.3 112.9



#30

1,1,1-Trichloroethane

Concen: 56.983 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

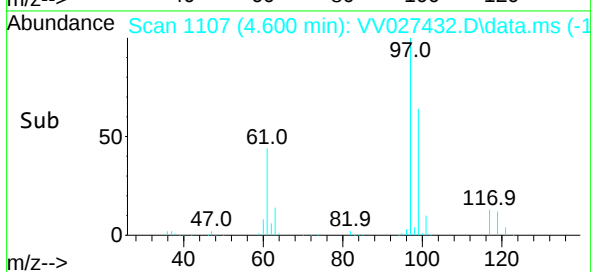
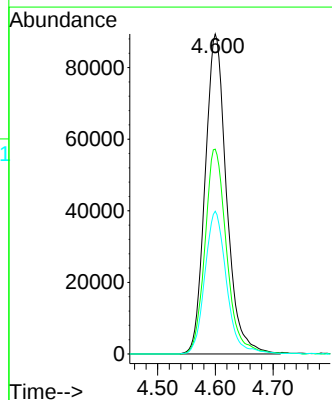
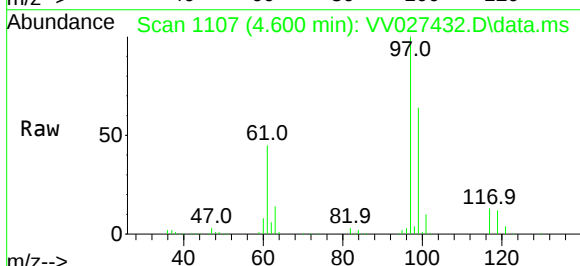
Tgt Ion: 97 Resp: 230200

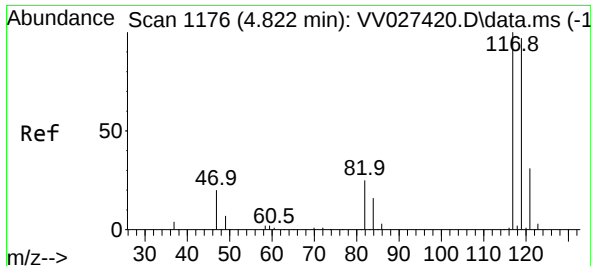
Ion Ratio Lower Upper

97 100

99 64.7 51.4 77.2

61 44.2 32.1 48.1

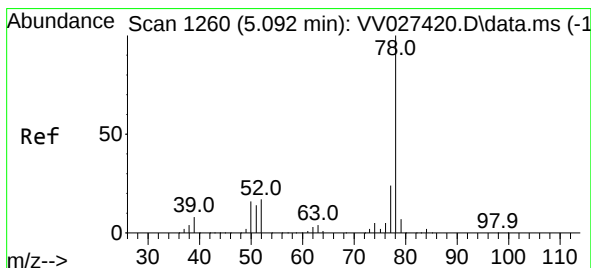
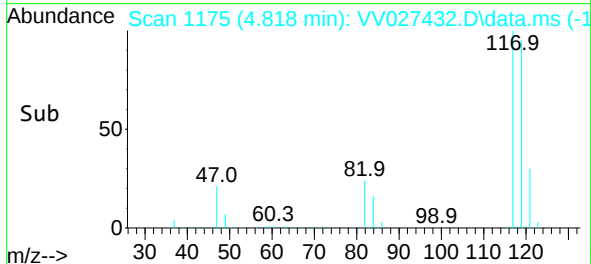
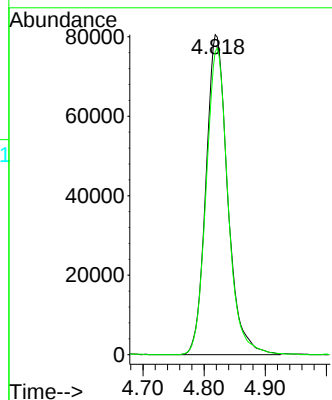
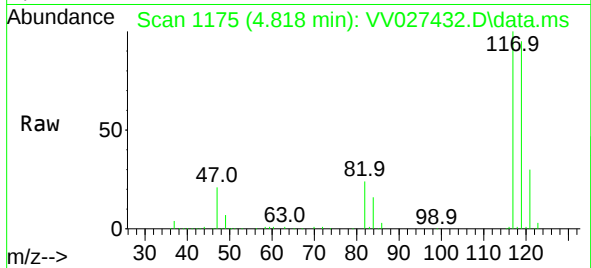




#31
Carbon tetrachloride
Concen: 56.626 ug/L
RT: 4.818 min Scan# 1175
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

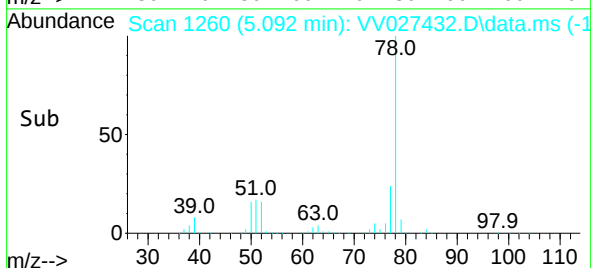
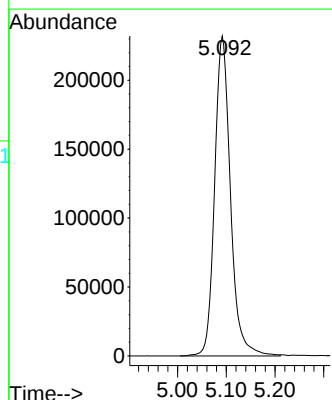
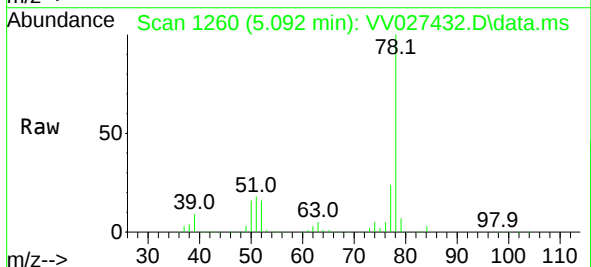
Instrument :
MSVOA_V
ClientSampleId :

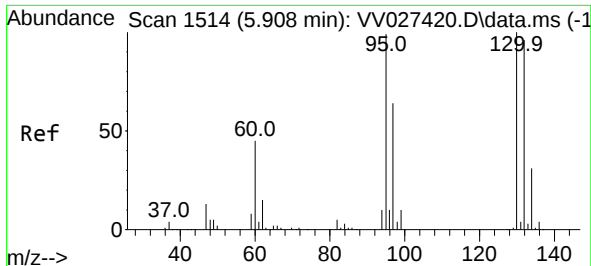
Tgt Ion:117 Resp: 198607
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 53.464 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

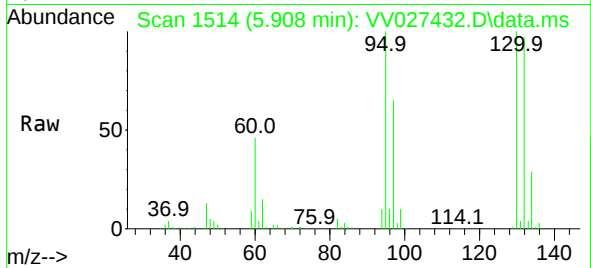
Tgt Ion: 78 Resp: 523649





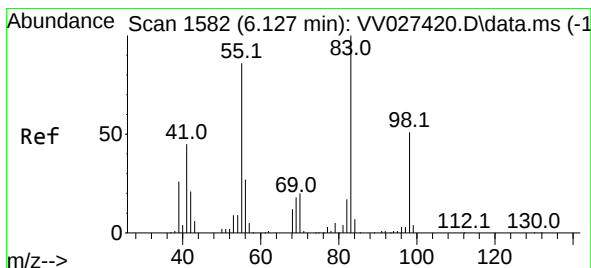
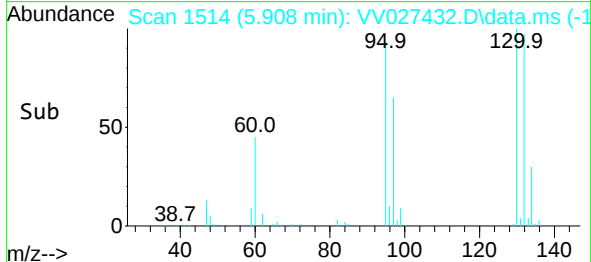
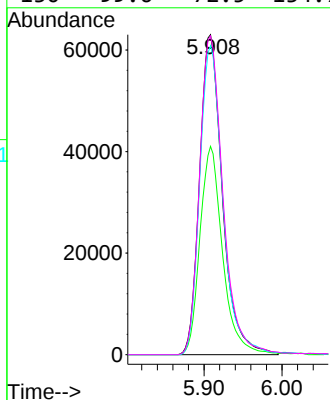
#34
Trichloroethene
Concen: 51.285 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 128616

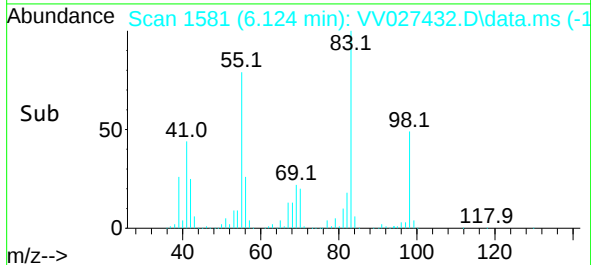
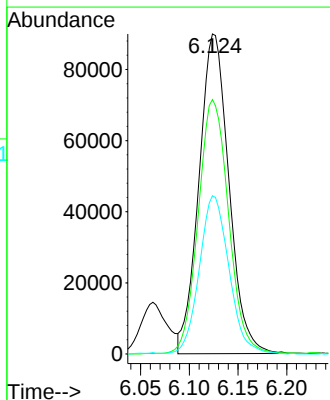
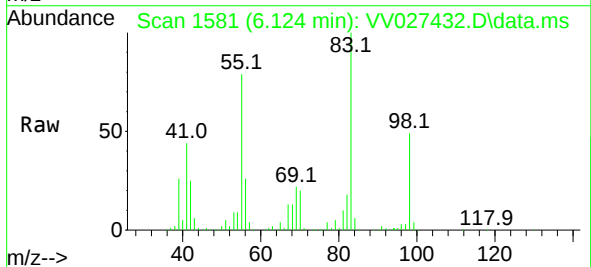
Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.9	85.3
132	96.5	69.8	129.6
130	99.6	72.5	134.7

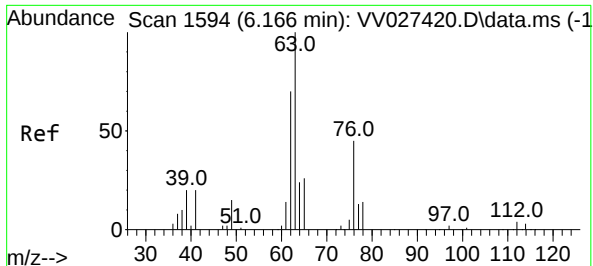


#35
Methylcyclohexane
Concen: 52.127 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion: 83 Resp: 192229

Ion	Ratio	Lower	Upper
83	100		
55	80.9	55.5	83.3
98	49.1	39.0	58.4





#37

1,2-Dichloropropane

Concen: 54.241 ug/L

RT: 6.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

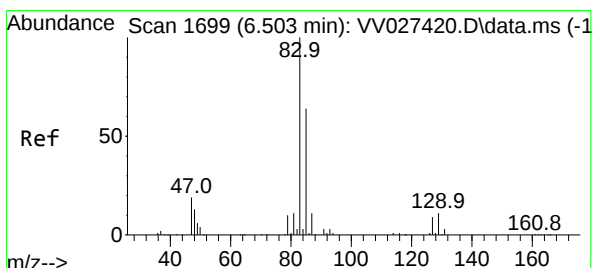
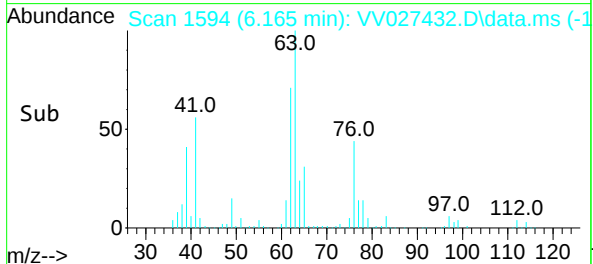
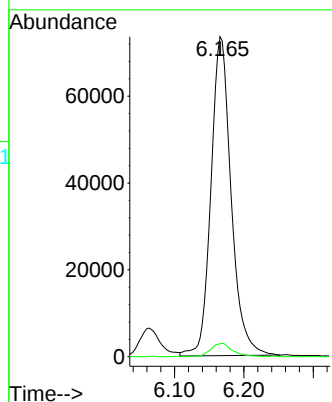
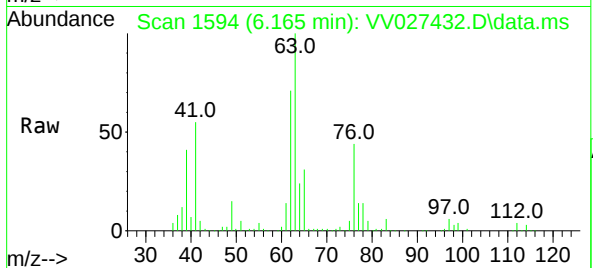
ClientSampleId :

Tgt Ion: 63 Resp: 148834

Ion Ratio Lower Upper

63 100

112 4.6 3.7 5.5



#38

Bromodichloromethane

Concen: 54.689 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

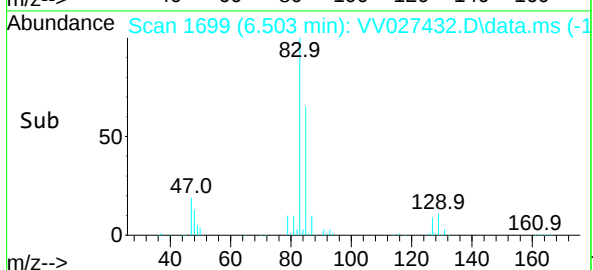
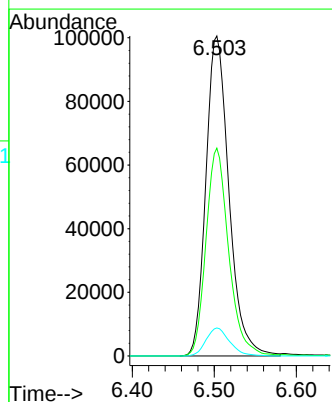
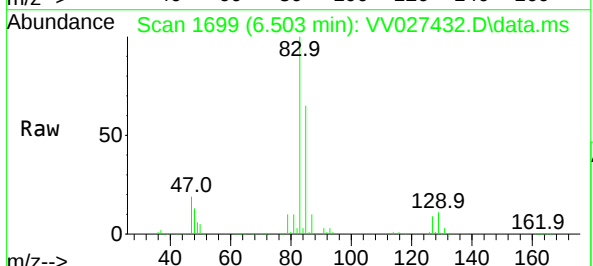
Tgt Ion: 83 Resp: 196623

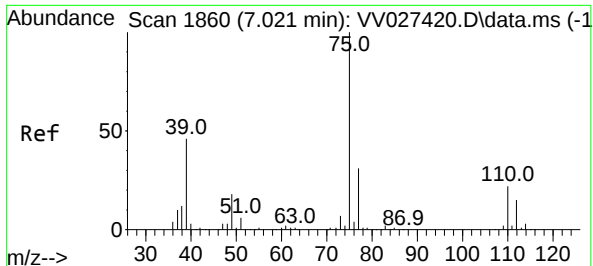
Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 56.730 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

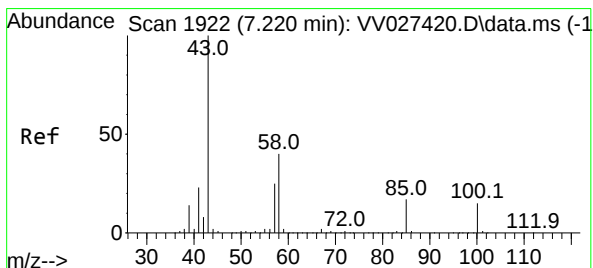
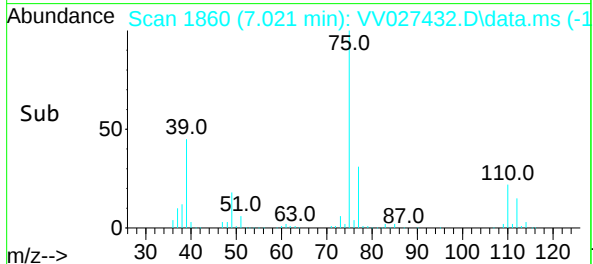
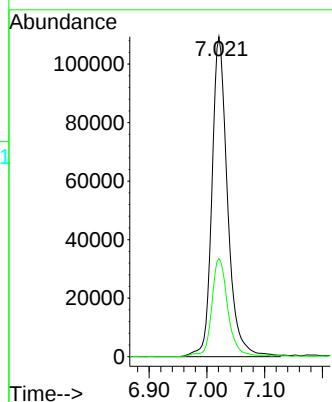
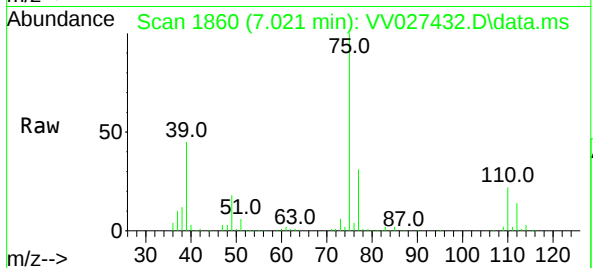
ClientSampleId :

Tgt Ion: 75 Resp: 206194

Ion Ratio Lower Upper

75 100

77 30.7 22.5 41.7



#40

4-Methyl-2-pentanone

Concen: 113.226 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

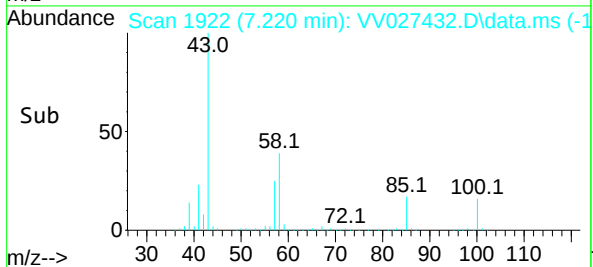
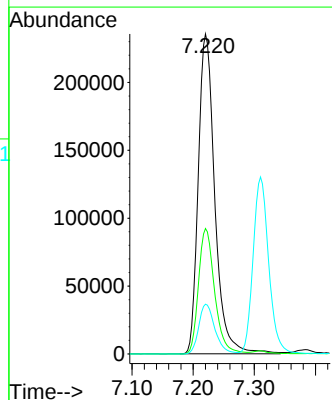
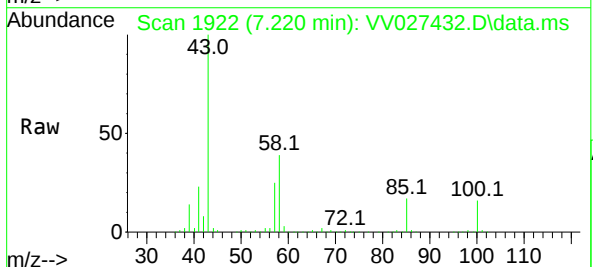
Tgt Ion: 43 Resp: 443218

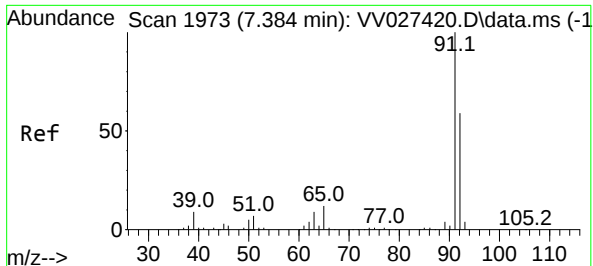
Ion Ratio Lower Upper

43 100

58 38.3 35.3 52.9

100 15.2 15.7 23.5





#42

Toluene

Concen: 55.499 ug/L

RT: 7.381 min Scan# 1973

Delta R.T. -0.003 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

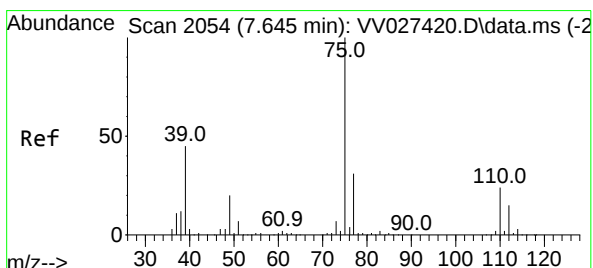
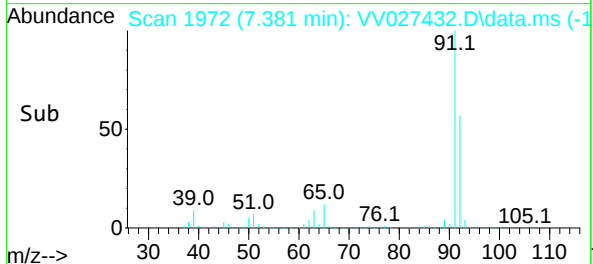
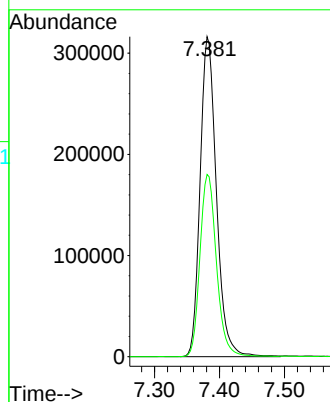
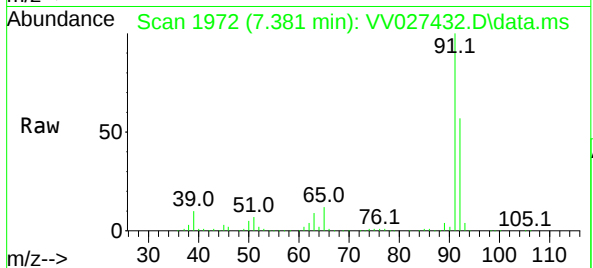
ClientSampleId :

Tgt Ion: 91 Resp: 552677

Ion Ratio Lower Upper

91 100

92 56.9 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 57.468 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV027432.D

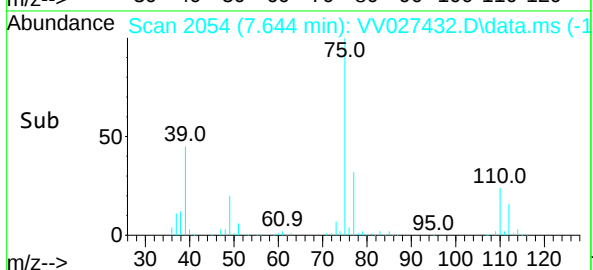
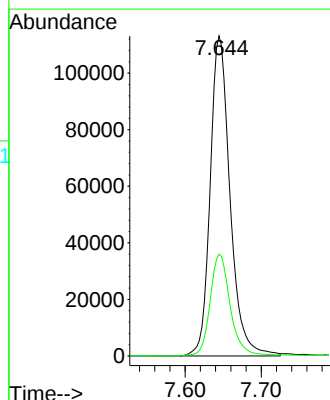
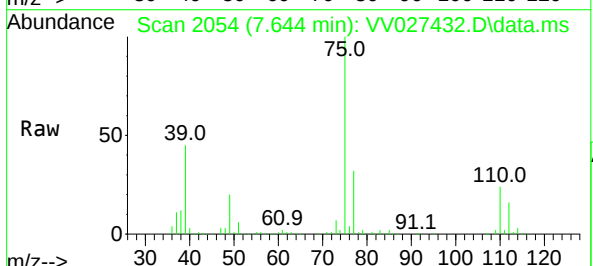
Acq: 18 Aug 2022 12:35

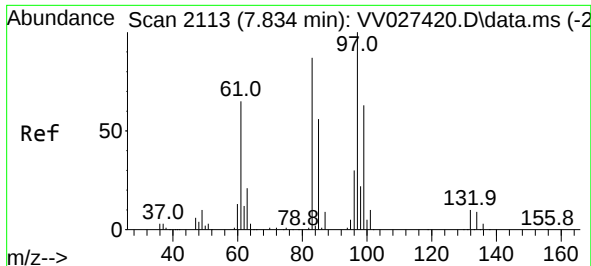
Tgt Ion: 75 Resp: 205265

Ion Ratio Lower Upper

75 100

77 31.8 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 55.007 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 145474

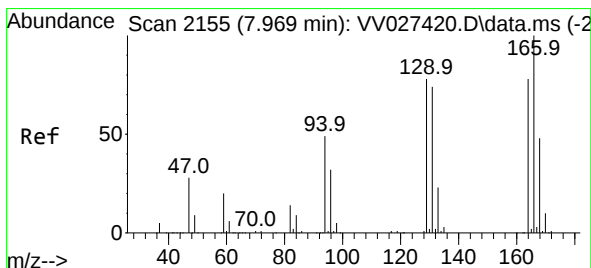
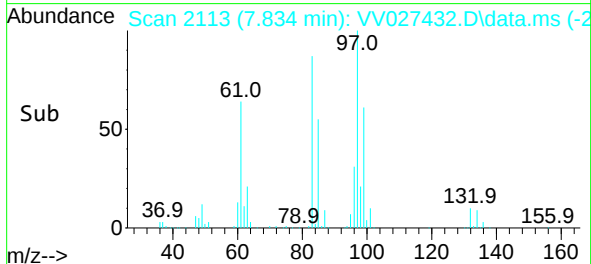
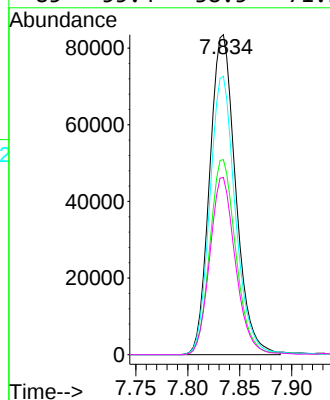
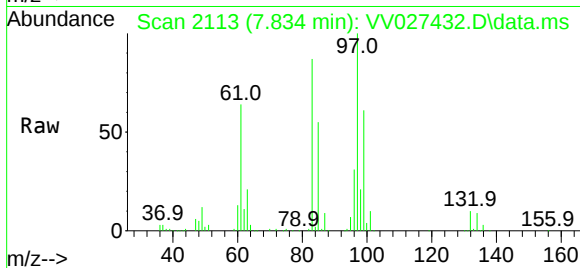
Ion Ratio Lower Upper

97 100

99 60.9 43.2 80.2

83 87.0 58.0 107.6

85 55.4 38.5 71.5



#46

Tetrachloroethene

Concen: 54.089 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Tgt Ion:164 Resp: 99284

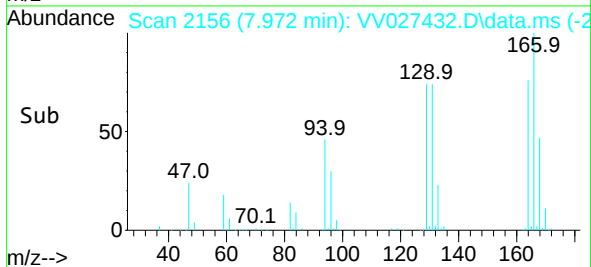
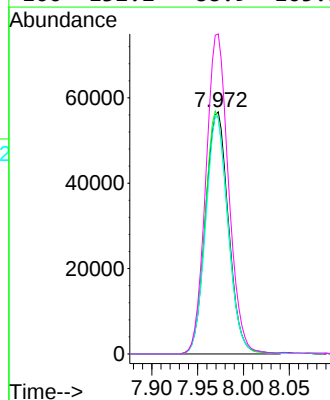
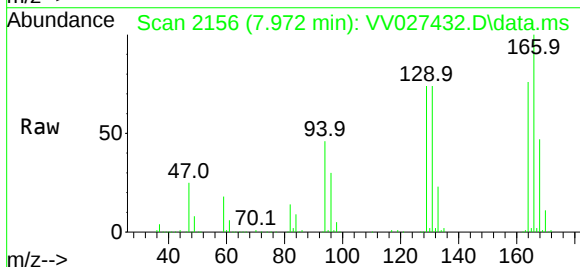
Ion Ratio Lower Upper

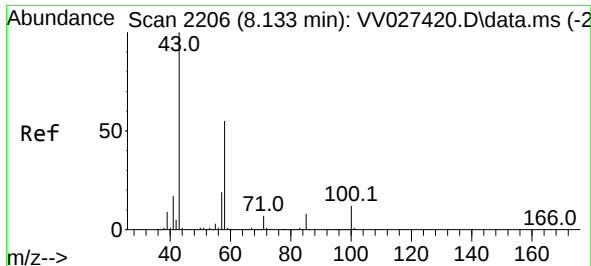
164 100

129 97.3 67.5 125.4

131 97.2 64.3 119.3

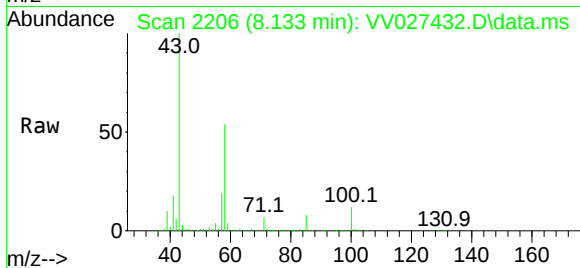
166 132.2 88.9 165.1



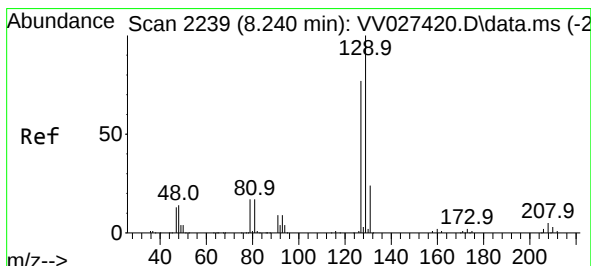
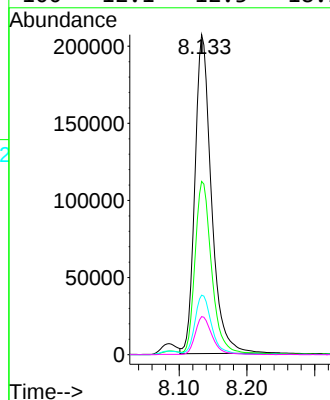
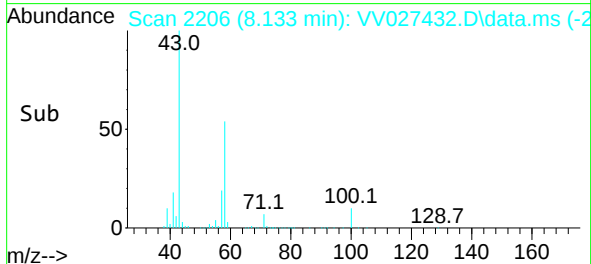


#48
2-Hexanone
Concen: 112.379 ug/L
RT: 8.133 min Scan# 2206
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Instrument :
MSVOA_V
ClientSampleId :

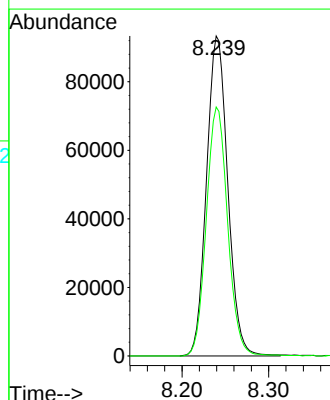
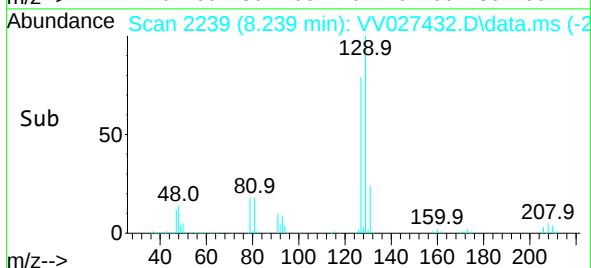
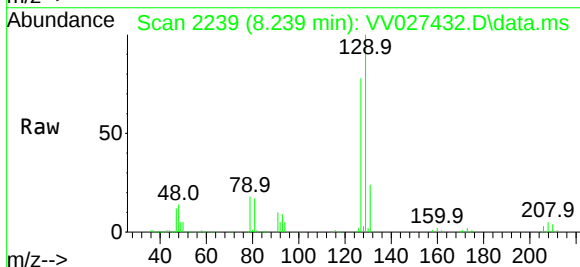


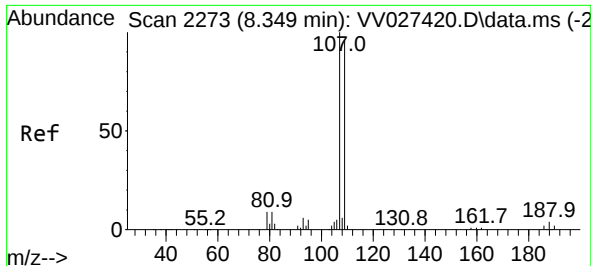
Tgt Ion: 43 Resp: 350356
Ion Ratio Lower Upper
43 100
58 54.6 50.8 76.2
57 18.6 17.1 25.7
100 12.1 12.3 18.5#



#49
Dibromochloromethane
Concen: 56.964 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:129 Resp: 159248
Ion Ratio Lower Upper
129 100
127 77.8 53.3 98.9





#50

1,2-Dibromoethane

Concen: 53.057 ug/L

RT: 8.345 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV027432.D

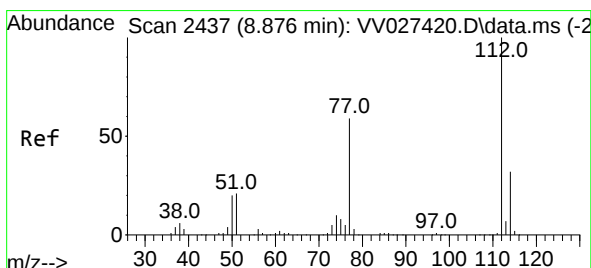
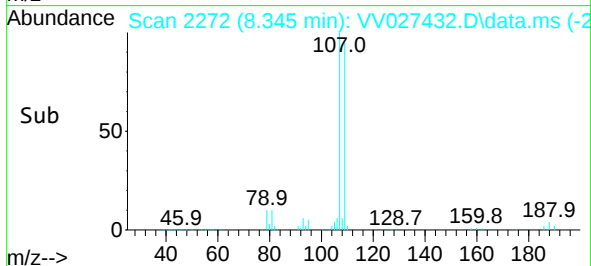
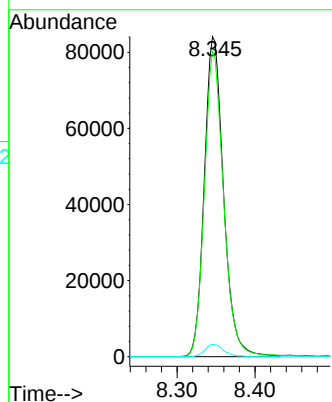
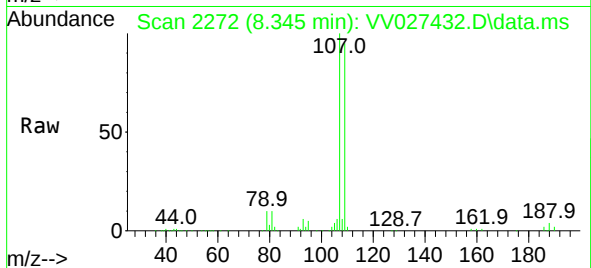
Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp: 144381
Ion Ratio	Lower Upper
107 100	
109 95.3	65.7 121.9
188 3.9	2.7 4.1



#51

Chlorobenzene

Concen: 53.587 ug/L

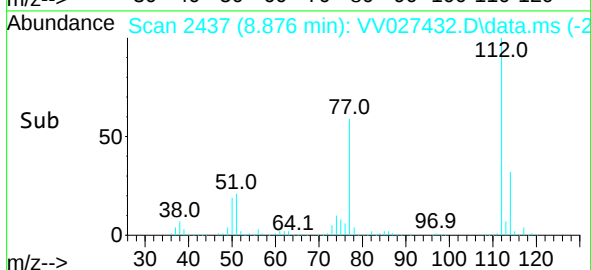
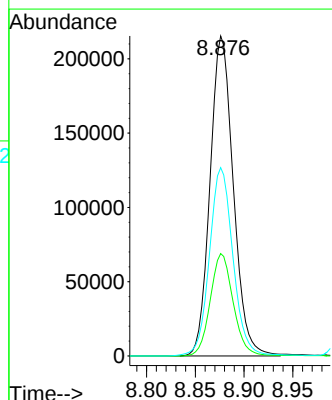
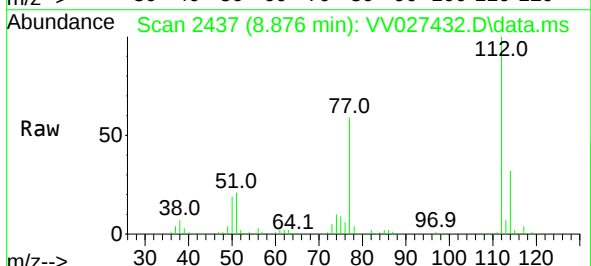
RT: 8.876 min Scan# 2437

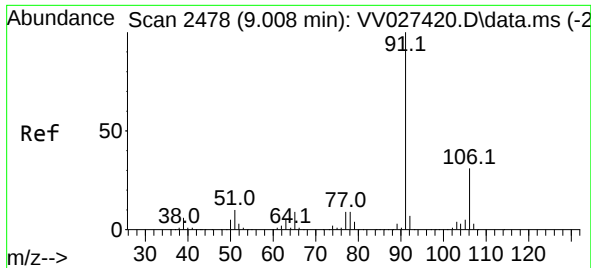
Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Tgt Ion:112	Resp: 357935
Ion Ratio	Lower Upper
112 100	
114 32.0	22.8 42.4
77 58.8	44.2 66.2

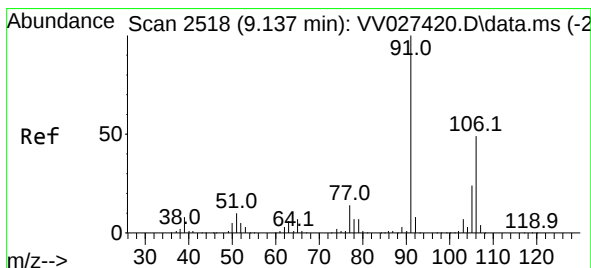
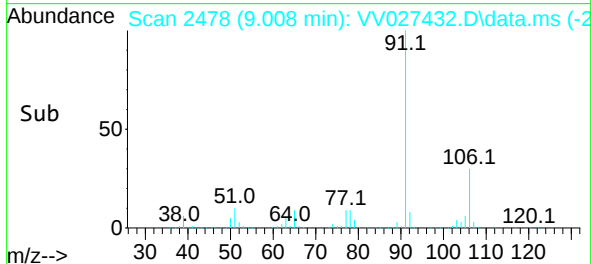
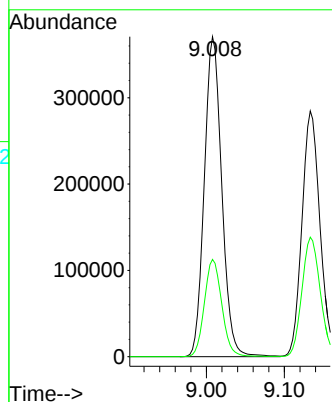
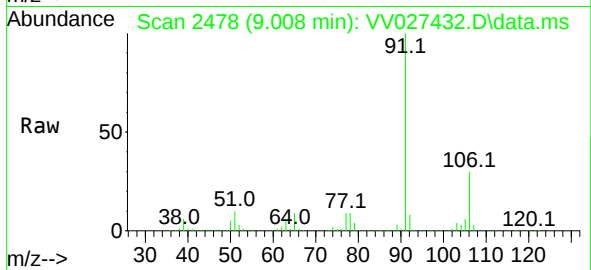




#52
Ethylbenzene
Concen: 56.214 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

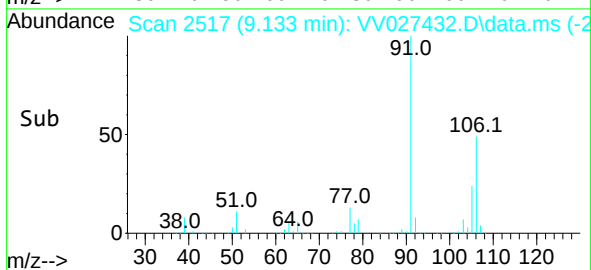
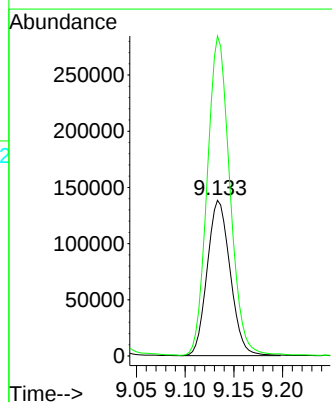
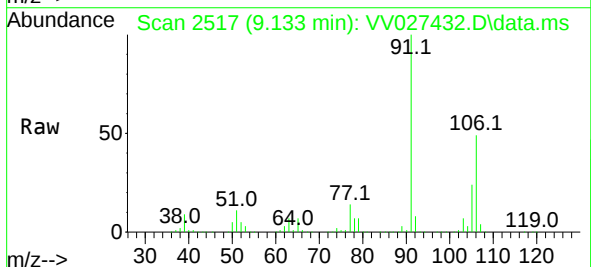
Instrument :
MSVOA_V
ClientSampleId :

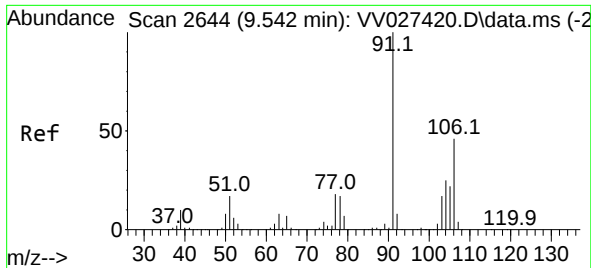
Tgt Ion: 91 Resp: 577633
Ion Ratio Lower Upper
91 100
106 30.4 21.8 40.6



#53
m,p-Xylene
Concen: 58.225 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion: 106 Resp: 226117
Ion Ratio Lower Upper
106 100
91 205.6 137.5 255.3

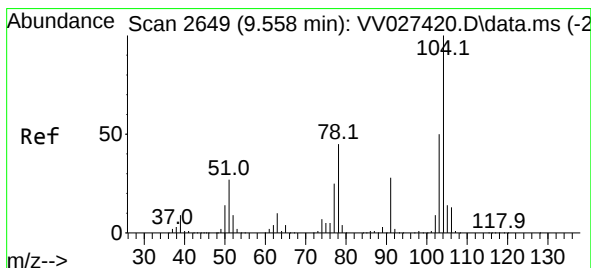
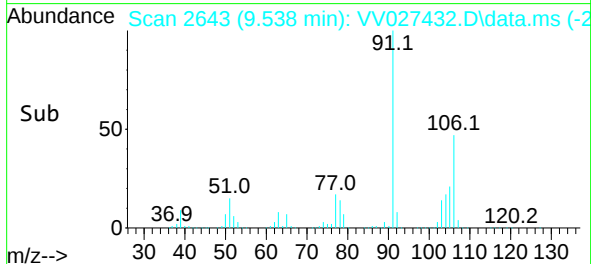
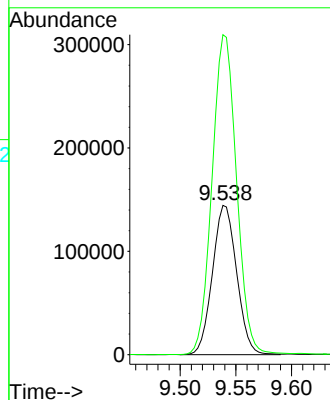
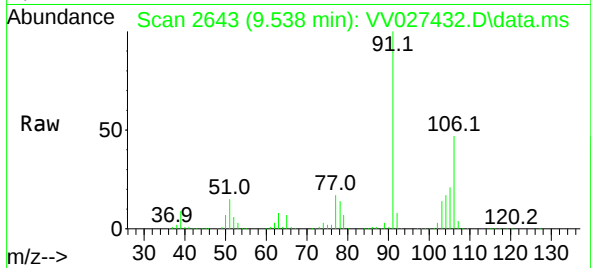




#54
o-Xylene
Concen: 57.787 ug/L
RT: 9.538 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

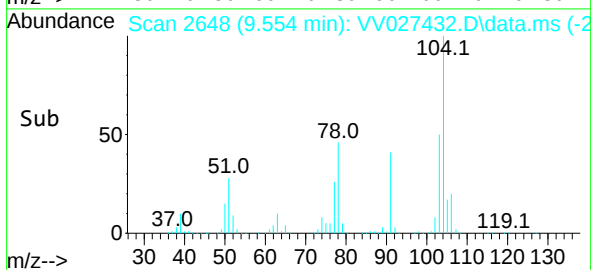
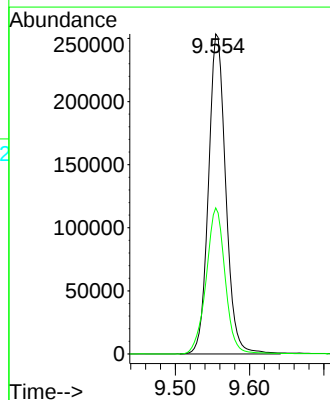
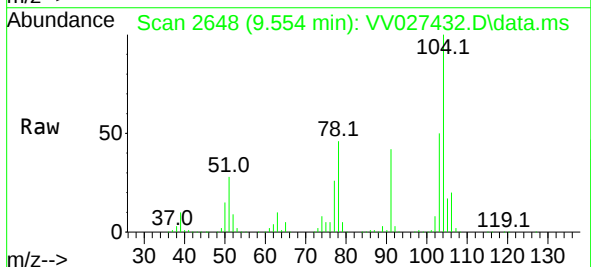
Instrument :
MSVOA_V
ClientSampleId :

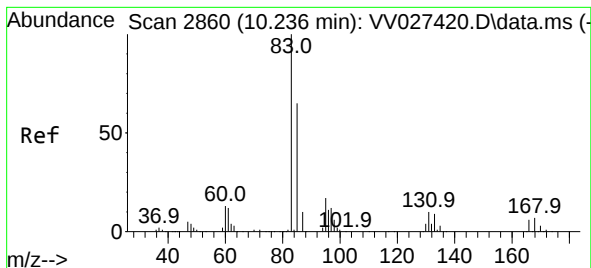
Tgt Ion:106 Resp: 218633
Ion Ratio Lower Upper
106 100
91 214.3 146.6 272.2



#55
Styrene
Concen: 61.339 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:104 Resp: 408820
Ion Ratio Lower Upper
104 100
78 45.7 29.6 55.0

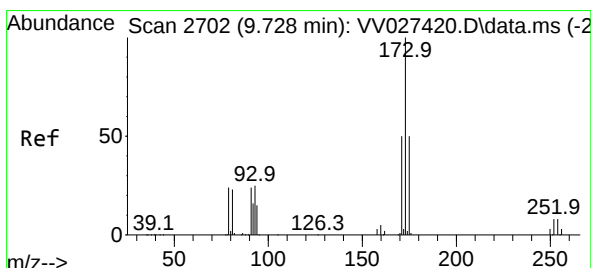
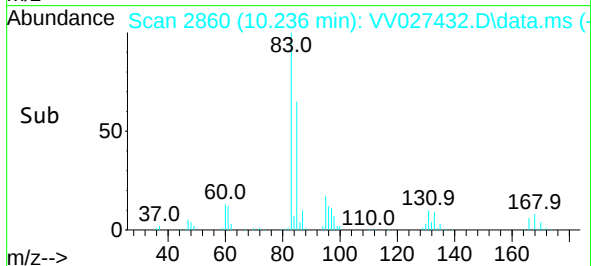
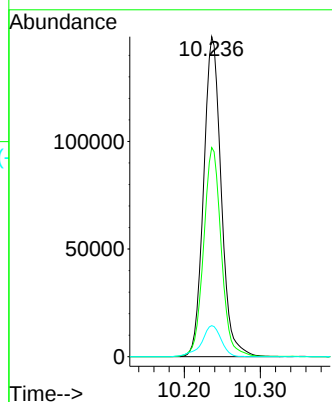
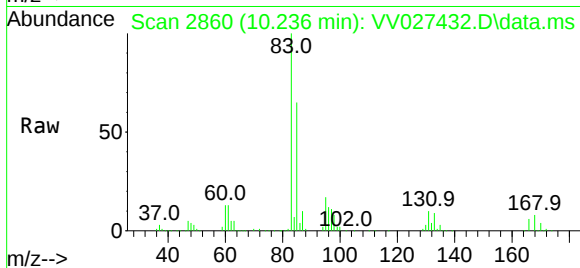




#57
1,1,2,2-Tetrachloroethane
Concen: 53.873 ug/L
RT: 10.236 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

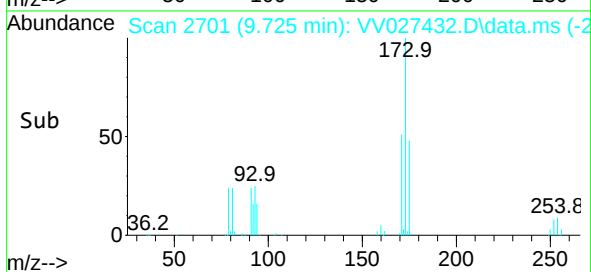
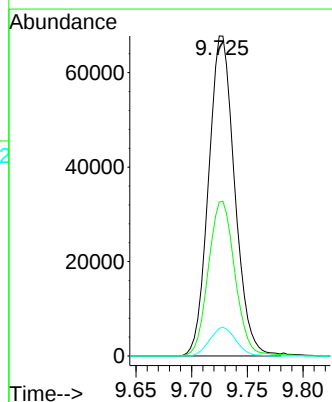
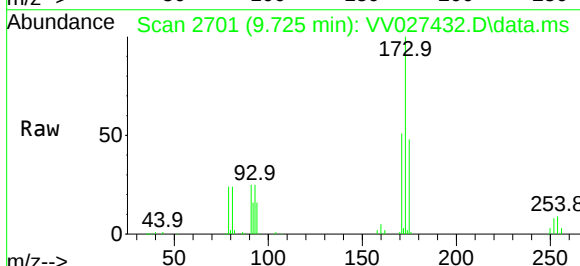
Instrument :
MSVOA_V
ClientSampleId :

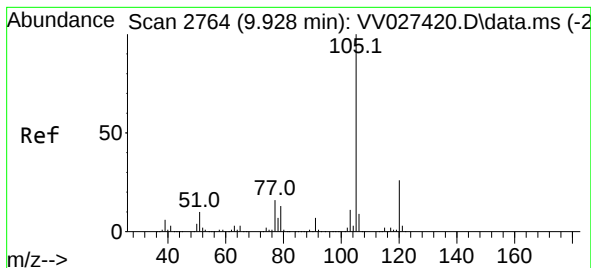
Tgt Ion: 83 Resp: 238682
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0
131 9.7 8.1 12.1



#59
Bromoform
Concen: 51.166 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. -0.003 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion: 173 Resp: 110729
Ion Ratio Lower Upper
173 100
175 49.3 39.0 58.4
254 8.9 6.9 10.3





#60

Isopropylbenzene

Concen: 51.204 ug/L

RT: 9.927 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

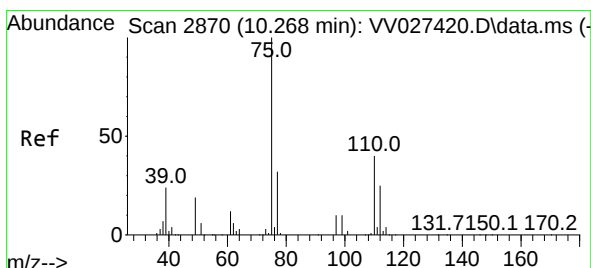
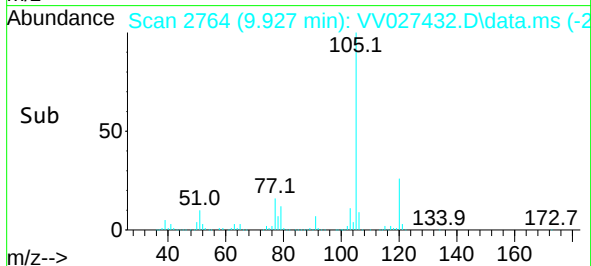
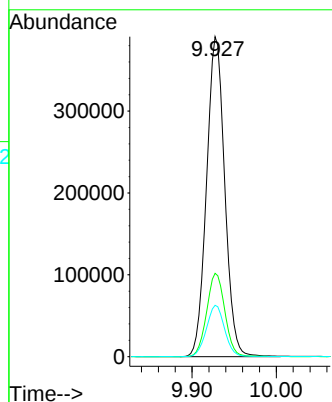
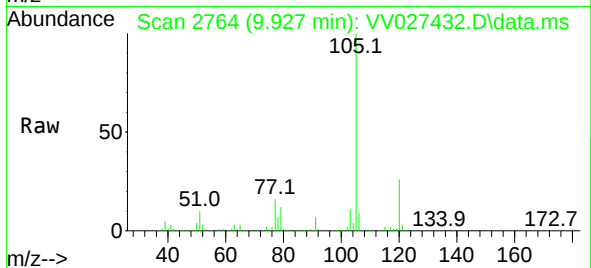
Tgt Ion:105 Resp: 587771

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.0

77 16.1 11.8 17.6



#61

1,2,3-Trichloropropane

Concen: 45.839 ug/L

RT: 10.268 min Scan# 2870

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

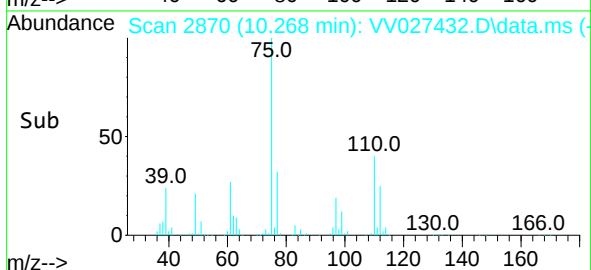
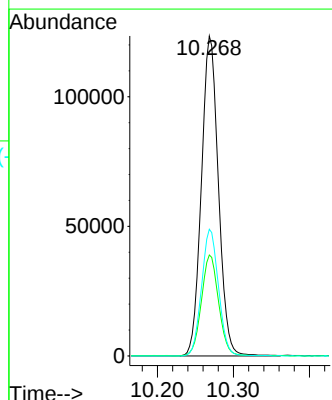
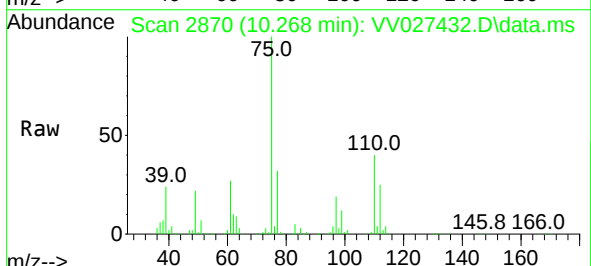
Tgt Ion: 75 Resp: 191685

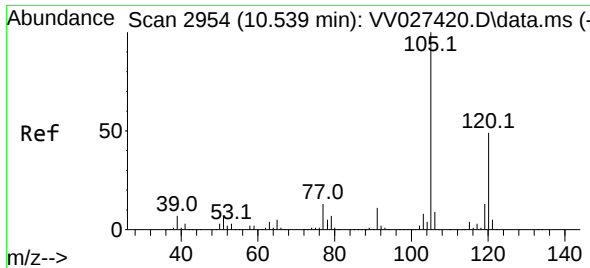
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.8

110 39.4 32.7 49.1

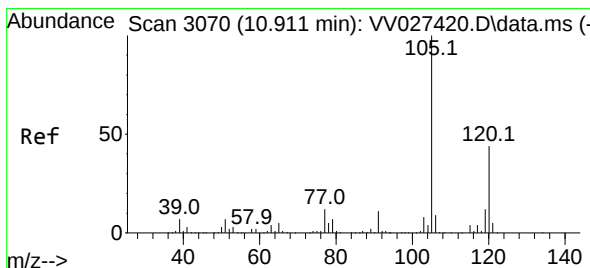
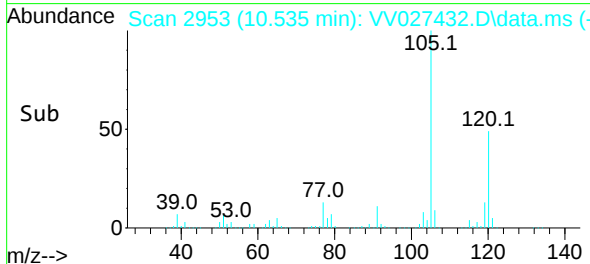
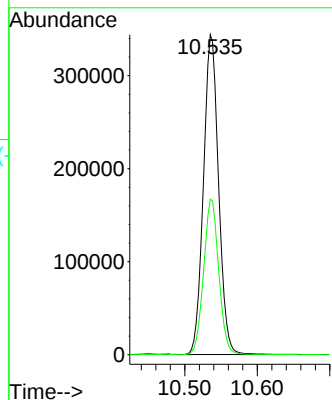
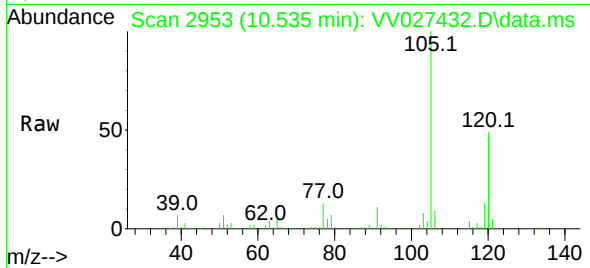




#62
 1,3,5-Trimethylbenzene
 Concen: 52.595 ug/L
 RT: 10.535 min Scan# 2953
 Delta R.T. -0.003 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

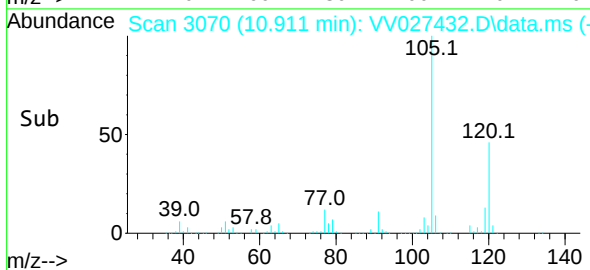
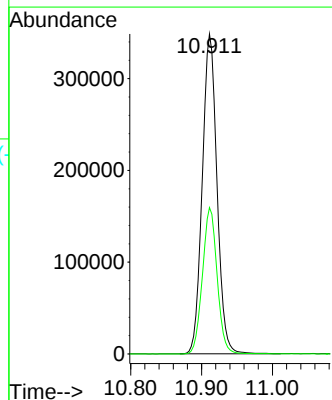
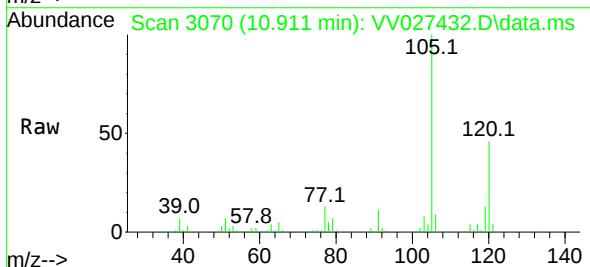
Instrument :
 MSVOA_V
 ClientSampleId :

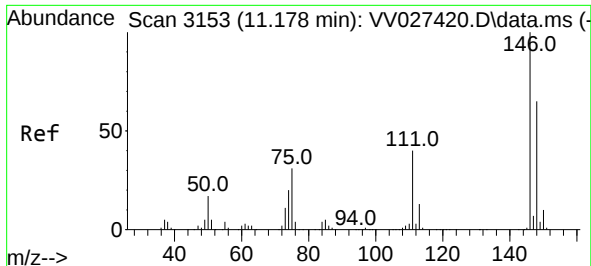
Tgt Ion:105 Resp: 498587
 Ion Ratio Lower Upper
 105 100
 120 48.6 39.3 58.9



#63
 1,2,4-Trimethylbenzene
 Concen: 54.188 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV027432.D
 Acq: 18 Aug 2022 12:35

Tgt Ion:105 Resp: 503218
 Ion Ratio Lower Upper
 105 100
 120 45.5 37.0 55.6

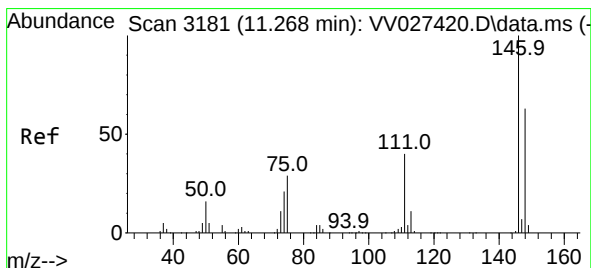
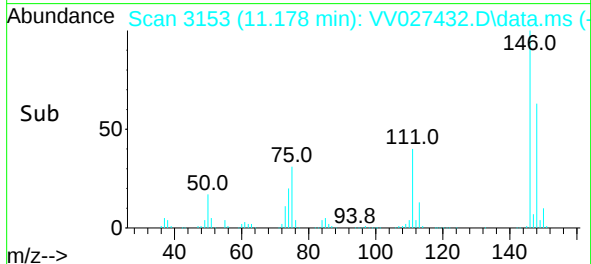
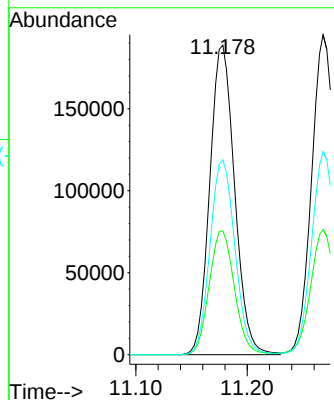
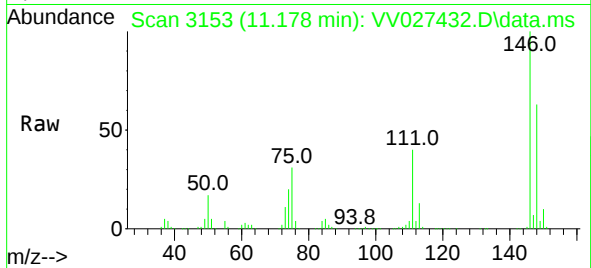




#64
1,3-Dichlorobenzene
Concen: 52.572 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

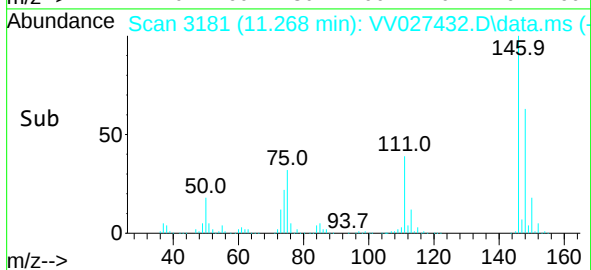
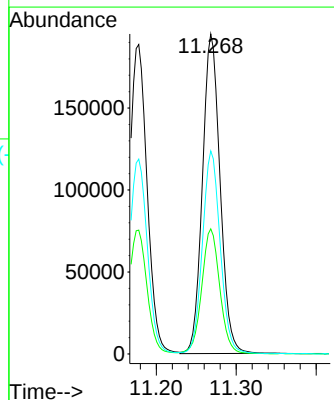
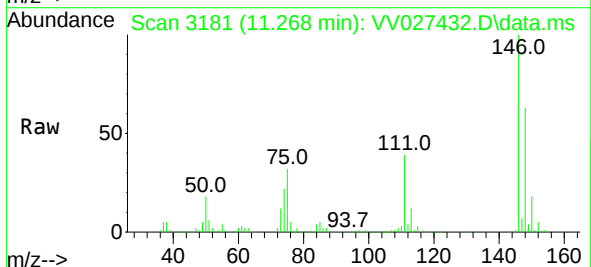
Instrument :
MSVOA_V
ClientSampleId :

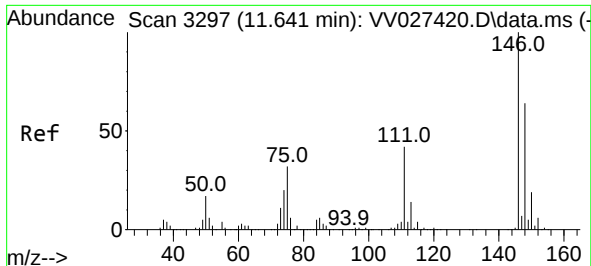
Tgt Ion:146 Resp: 292483
Ion Ratio Lower Upper
146 100
111 40.0 28.4 52.8
148 63.0 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 51.244 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:146 Resp: 300034
Ion Ratio Lower Upper
146 100
111 39.1 27.4 51.0
148 63.4 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 51.080 ug/L

RT: 11.638 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :

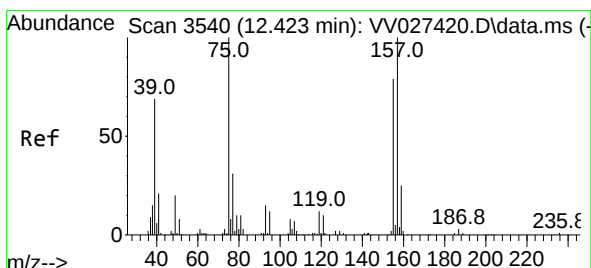
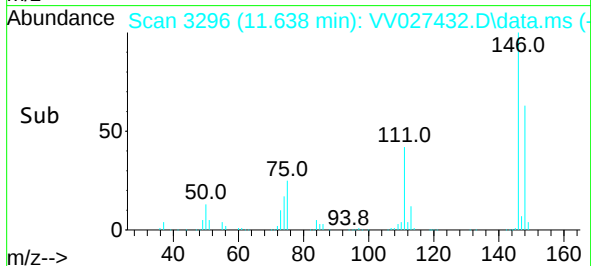
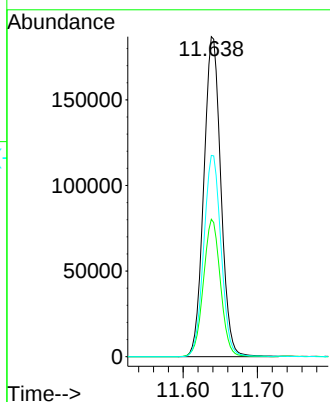
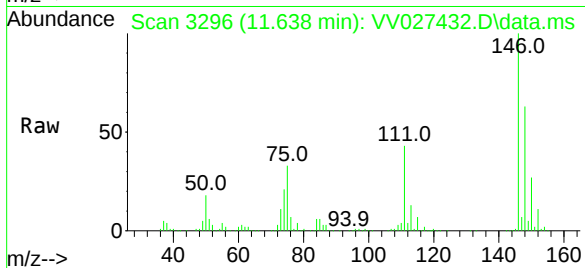
Tgt Ion:146 Resp: 297759

Ion Ratio Lower Upper

146 100

111 43.0 34.0 51.0

148 62.9 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 46.739 ug/L

RT: 12.422 min Scan# 3540

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

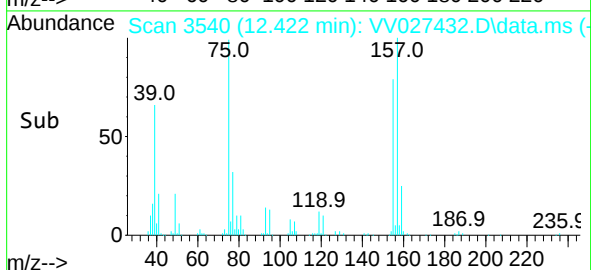
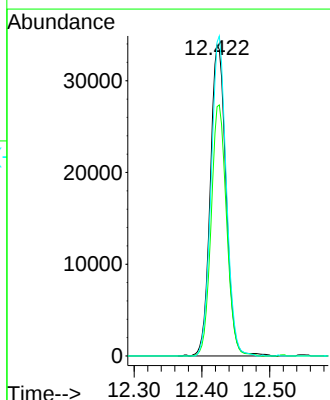
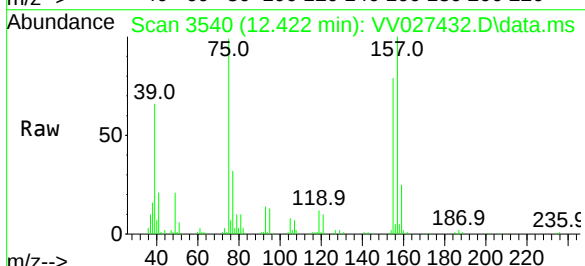
Tgt Ion: 75 Resp: 54833

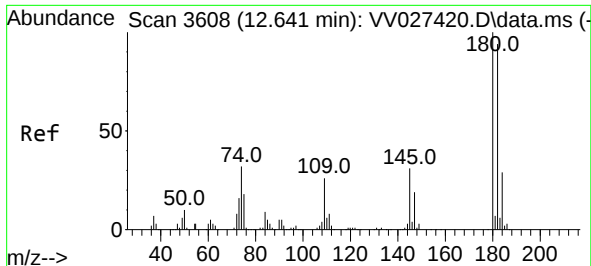
Ion Ratio Lower Upper

75 100

155 80.2 69.1 103.7

157 100.9 87.8 131.8





#69

1,3,5-Trichlorobenzene

Concen: 57.544 ug/L

RT: 12.641 min Scan# 3608

Delta R.T. -0.000 min

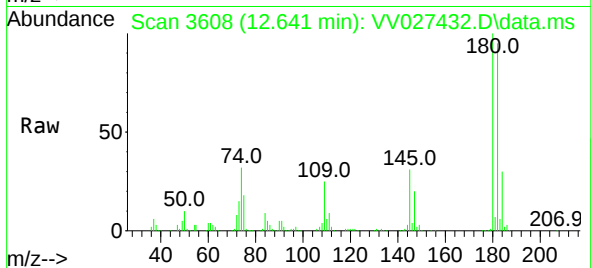
Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 215026

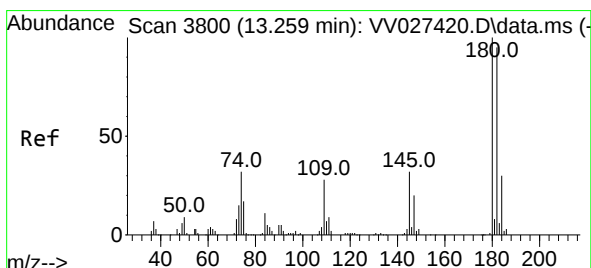
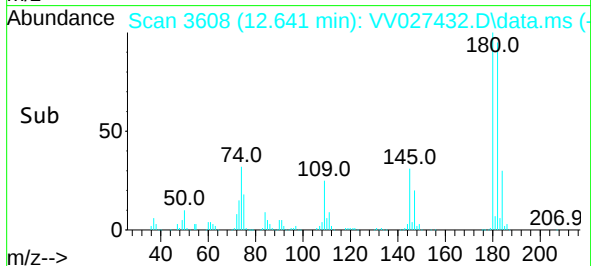
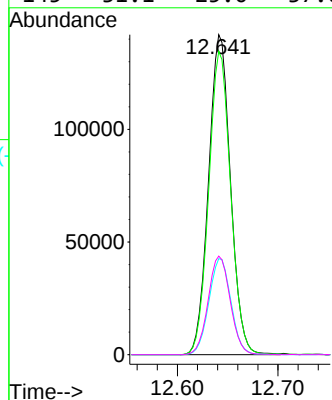
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.4

184 30.2 24.8 37.2

145 31.1 25.0 37.6



#70

1,2,4-trichlorobenzene

Concen: 57.619 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV027432.D

Acq: 18 Aug 2022 12:35

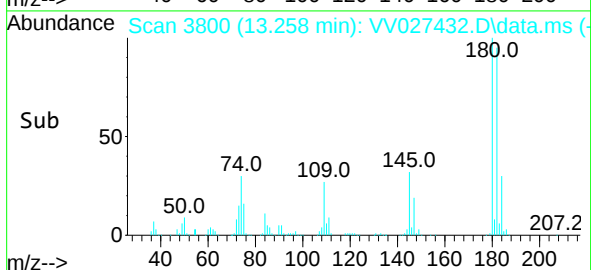
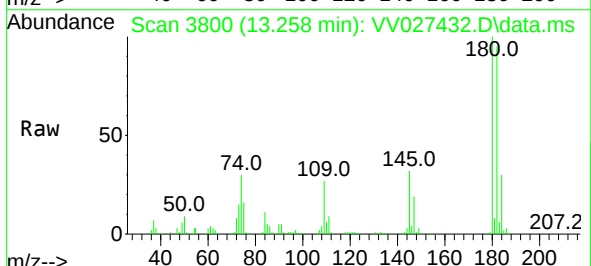
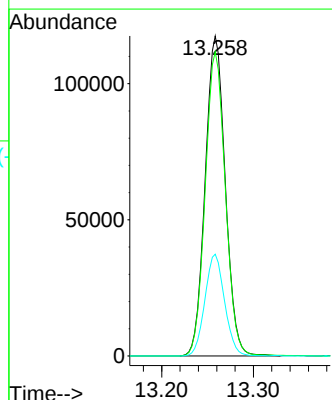
Tgt Ion:180 Resp: 178822

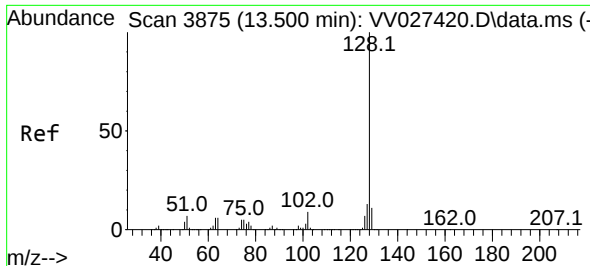
Ion Ratio Lower Upper

180 100

182 95.4 75.9 113.9

145 31.1 24.7 37.1

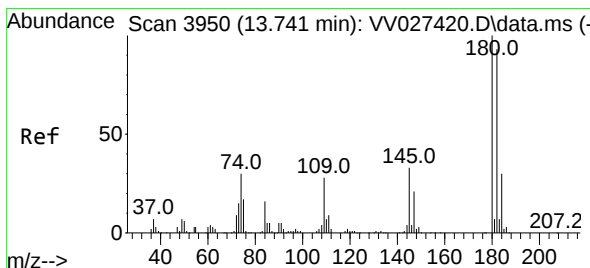
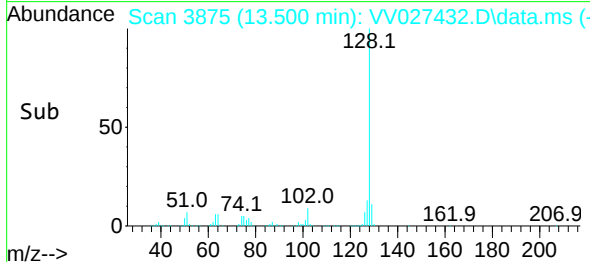
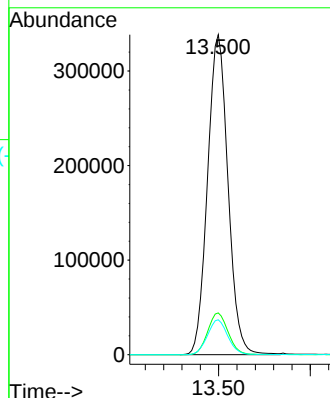
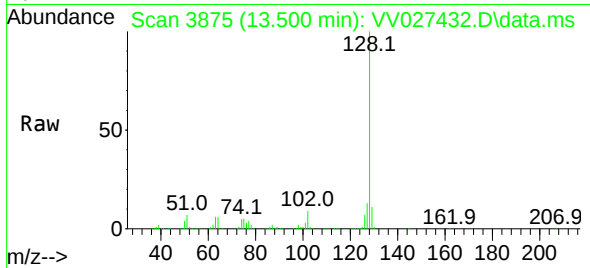




#71
Naphthalene
Concen: 49.242 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	128	Resp:	523295
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.3	15.5
129	10.9	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 56.327 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV027432.D
Acq: 18 Aug 2022 12:35

Tgt Ion:	180	Resp:	193763
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.3	114.5
145	33.9	27.4	41.0

