

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012622\
 Data File : VW024426.D
 Acq On : 26 Jan 2022 10:20
 Operator : SY/MD
 Sample : VSTD00178
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 26 11:07:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:06:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164015	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	176105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96832	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	13719	1.375	ug/L	0.00
7) Chloroethane-d5	1.568	69	12360	1.457	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	26103	1.343	ug/L	0.00
20) 2-Butanone-d5	3.957	46	3023	1.542	ug/L	0.03
24) Chloroform-d	4.352	84	26283	1.213	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	11708	1.159	ug/L	0.00
32) Benzene-d6	5.056	84	47916	1.234	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	15045	1.269	ug/L	0.00
41) Toluene-d8	7.320	98	40030	1.131	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	4440	0.950	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	11051	5.615	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	8537	0.949	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	14635	1.058	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	18324	1.222	ug/L	97
3) Chloromethane	1.240	50	15709	1.188	ug/L	91
5) Vinyl chloride	1.311	62	16358	1.156	ug/L	98
6) Bromomethane	1.523	94	10588	1.188	ug/L	98
8) Chloroethane	1.584	64	9747	1.084	ug/L	92
9) Trichlorofluoromethane	1.754	101	22644	0.977	ug/L	93
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	12682	1.038	ug/L	98
12) 1,1-Dichloroethene	2.121	96	12040	1.062	ug/L	98
13) Acetone	2.217	43	2817	2.033	ug/L	87
14) Carbon disulfide	2.294	76	36019	1.080	ug/L	97
15) Methyl Acetate	2.449	43	1812	0.510	ug/L	92
16) Methylene chloride	2.507	84	12517	0.876	ug/L	90
17) Methyl tert-butyl Ether	2.770	73	19422	0.791	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	11100	0.913	ug/L	95
19) 1,1-Dichloroethane	3.195	63	21218	0.964	ug/L	94
21) 2-Butanone	4.034	43	3193	1.530	ug/L	94
22) cis-1,2-Dichloroethene	3.918	96	10627	0.837	ug/L	83
23) Bromochloromethane	4.253	128	4989	0.867	ug/L	90
25) Chloroform	4.375	83	24412	1.006	ug/L	99
27) 1,2-Dichloroethane	5.140	62	11718	0.901	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	19037	0.844	ug/L #	73
30) Cyclohexane	4.677	56	16584	0.901	ug/L	92
31) Carbon tetrachloride	4.825	117	16806	0.796	ug/L	97
33) Benzene	5.105	78	42418	0.857	ug/L	100
34) Trichloroethene	5.921	95	11949	0.853	ug/L	92
35) Methylcyclohexane	6.130	83	16530	0.814	ug/L	93
37) 1,2-Dichloropropane	6.179	63	9438	0.791	ug/L #	94
38) Bromodichloromethane	6.513	83	14292	0.863	ug/L	88
39) cis-1,3-Dichloropropene	7.034	75	12026	0.693	ug/L	95
40) 4-Methyl-2-pentanone	7.233	43	42195	7.493	ug/L #	92
42) Toluene	7.391	91	42152	0.763	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	10512	0.705	ug/L	98

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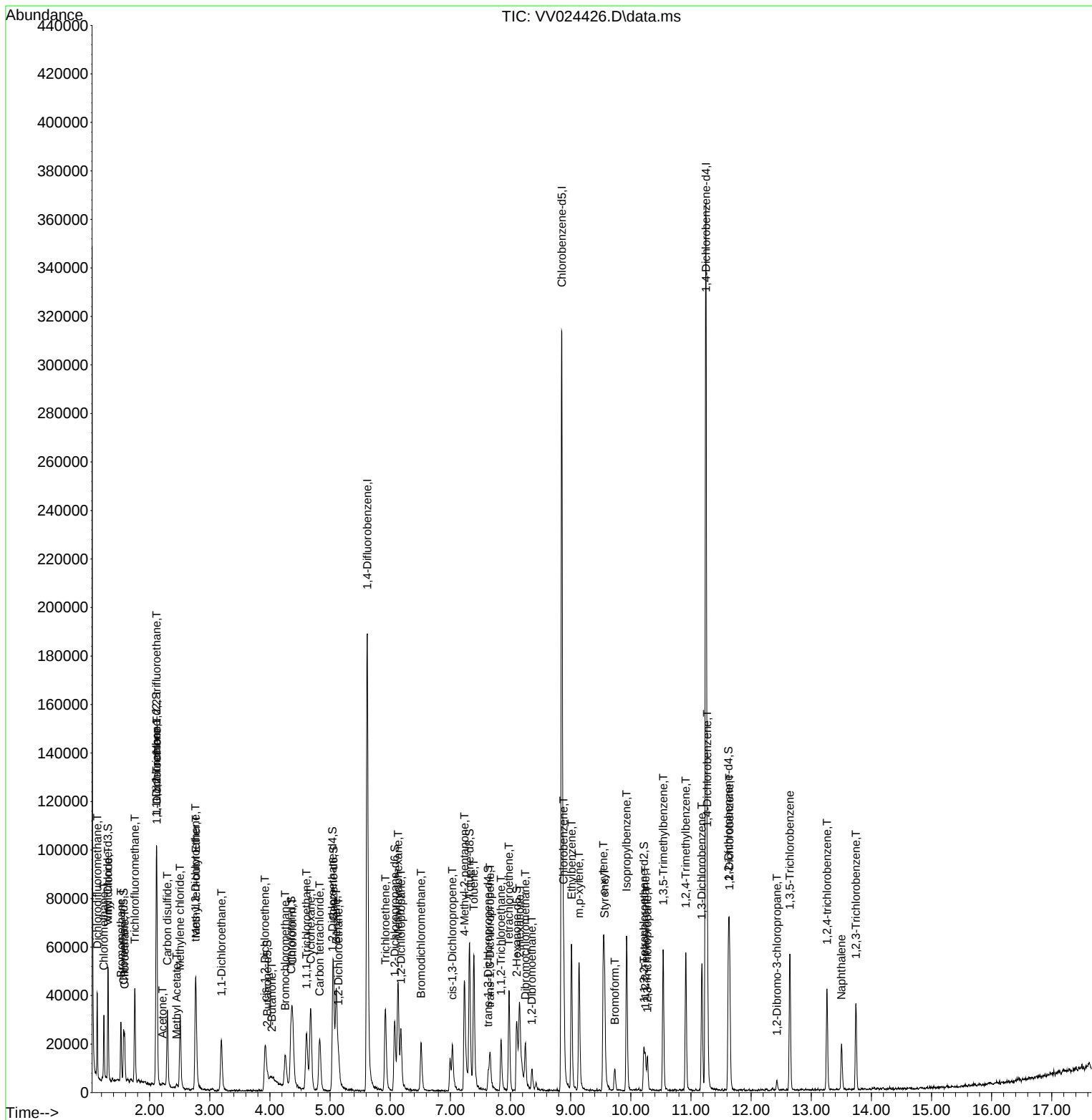
Quant Time: Jan 26 11:07:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 26 11:06:21 2022
 Response via : Initial Calibration

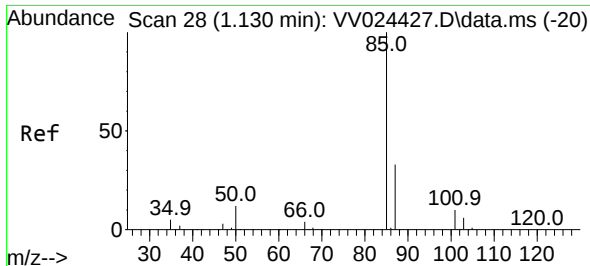
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.844	97	6785	0.796	ug/L	99
47) Tetrachloroethene	7.976	164	9339	0.781	ug/L	95
48) 2-Hexanone	8.149	43	33120	8.143	ug/L #	86
49) Dibromochloromethane	8.246	129	8519	0.740	ug/L	97
50) 1,2-Dibromoethane	8.355	107	6366	0.795	ug/L #	96
51) Chlorobenzene	8.883	112	29754	0.816	ug/L	97
52) Ethylbenzene	9.014	91	43189	0.748	ug/L	95
53) m,p-xylene	9.140	106	15876	0.703	ug/L	91
54) o-xylene	9.545	106	14657	0.669	ug/L	94
55) Styrene	9.564	104	23066	0.635	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	6452	0.699	ug/L	98
59) Bromoform	9.738	173	4242	0.717	ug/L #	96
60) Isopropylbenzene	9.931	105	39820	0.724	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	5774	0.889	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	30057	0.662	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	31139	0.683	ug/L	97
64) 1,3-Dichlorobenzene	11.182	146	21550	0.767	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	22034	0.780	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	19867	0.773	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.429	75	1200	0.881	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	17656	0.759	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	12767	0.704	ug/L	99
71) Naphthalene	13.503	128	15295	0.597	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	10536	0.663	ug/L	99

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

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 26 11:06:21 2022
Response via : Initial Calibration

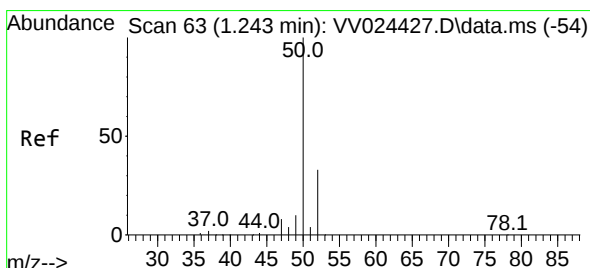
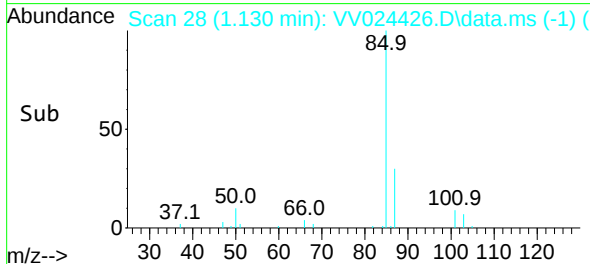
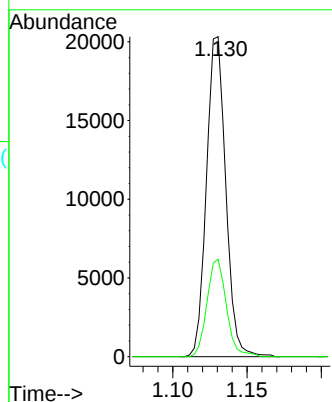
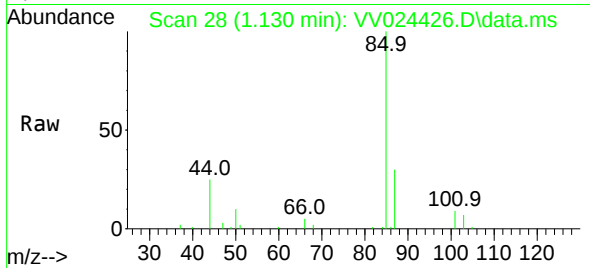




#2
 Dichlorodifluoromethane
 Concen: 1.222 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

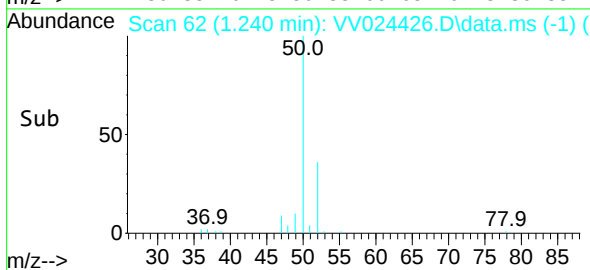
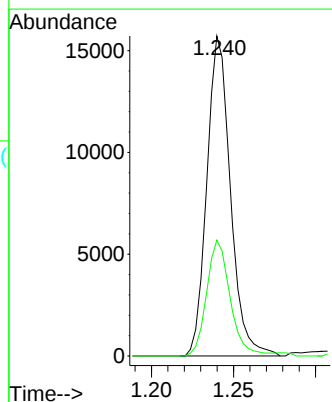
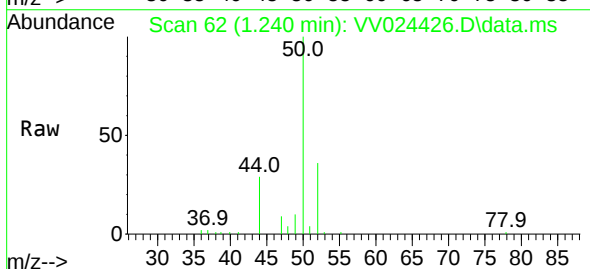
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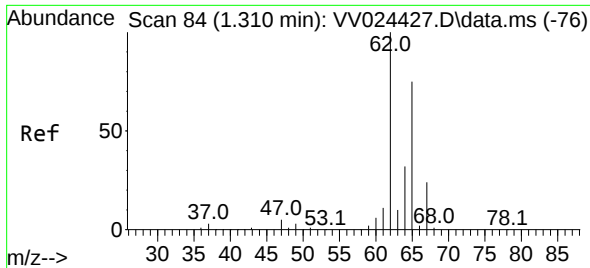
Tgt Ion: 85 Resp: 18324
 Ion Ratio Lower Upper
 85 100
 87 30.6 26.0 39.0



#3
 Chloromethane
 Concen: 1.188 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.003 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

Tgt Ion: 50 Resp: 15709
 Ion Ratio Lower Upper
 50 100
 52 36.2 22.0 41.0

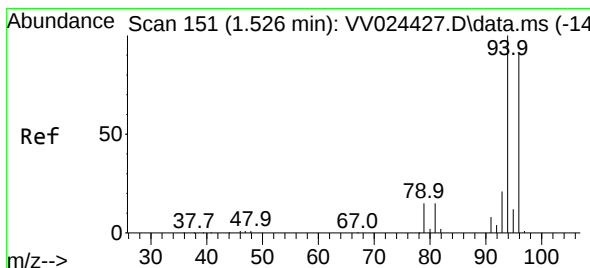
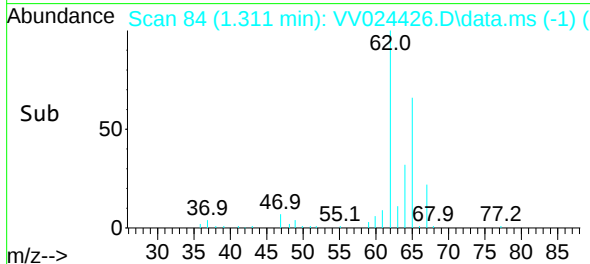
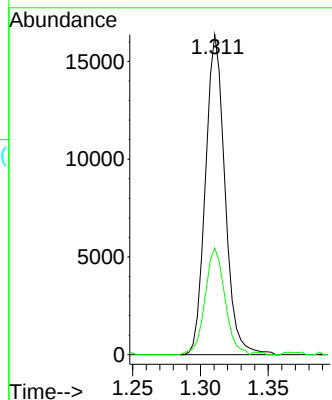
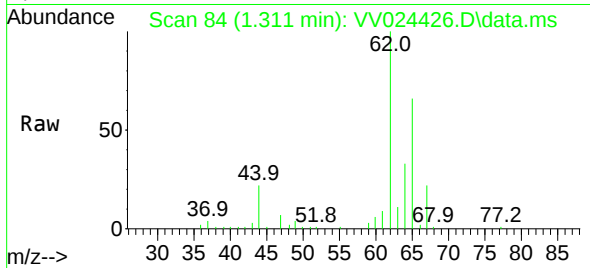




#5
 Vinyl chloride
 Concen: 1.156 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

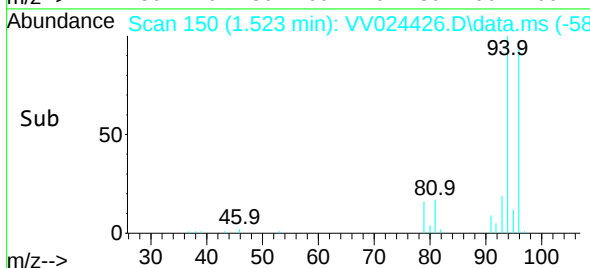
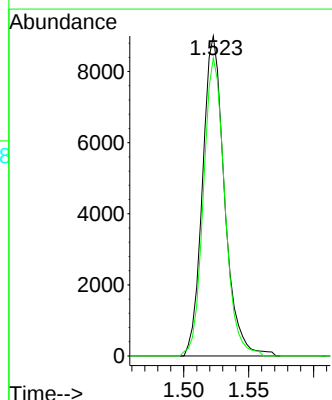
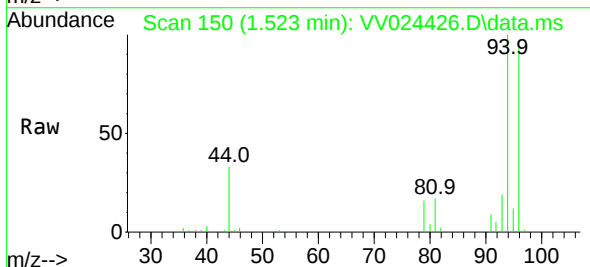
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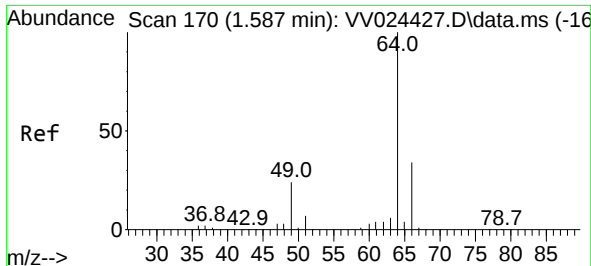
Tgt Ion: 62 Resp: 16358
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.4 41.6



#6
 Bromomethane
 Concen: 1.188 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

Tgt Ion: 94 Resp: 10588
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.2 123.0

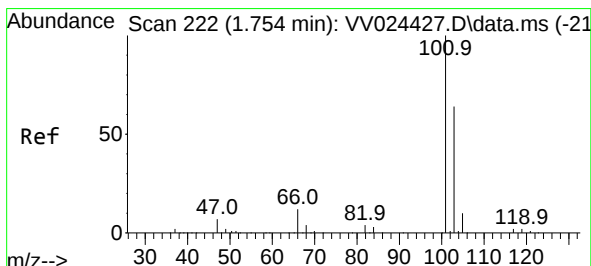
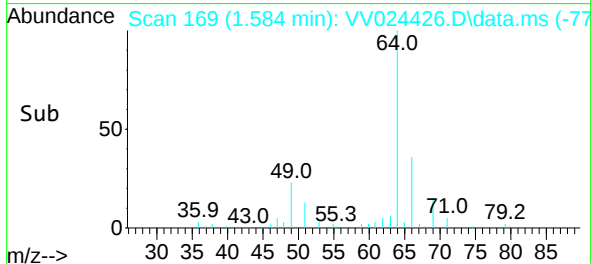
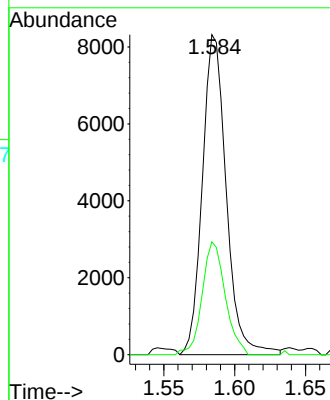
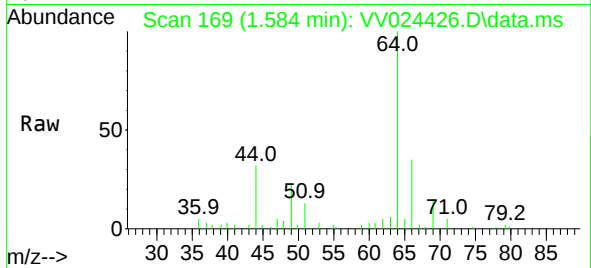




#8
Chloroethane
Concen: 1.084 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

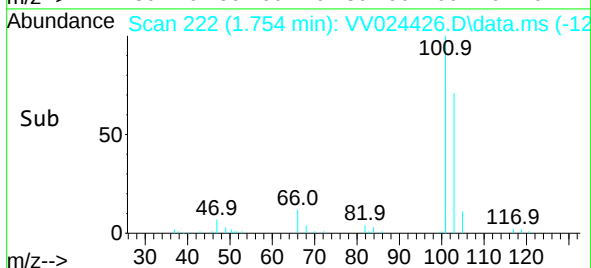
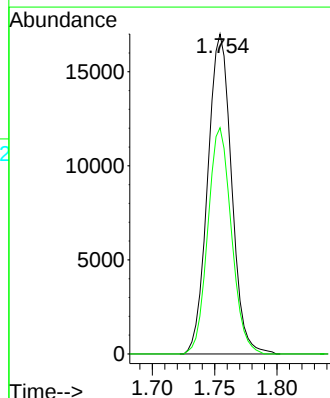
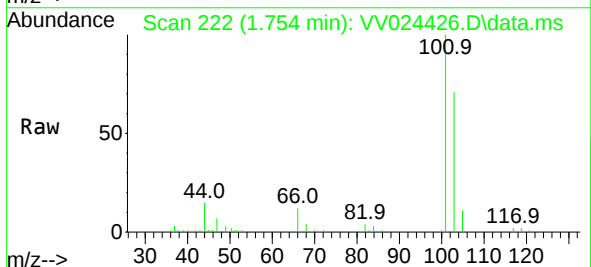
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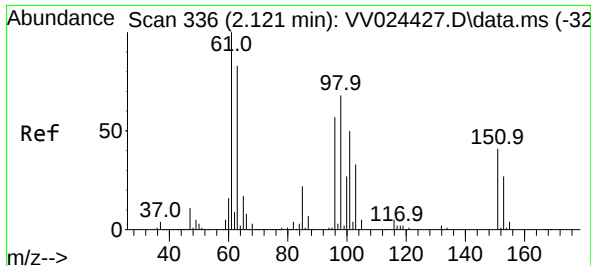
Tgt Ion: 64 Resp: 9747
Ion Ratio Lower Upper
64 100
66 35.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 0.977 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion:101 Resp: 22644
Ion Ratio Lower Upper
101 100
103 69.9 51.6 77.4

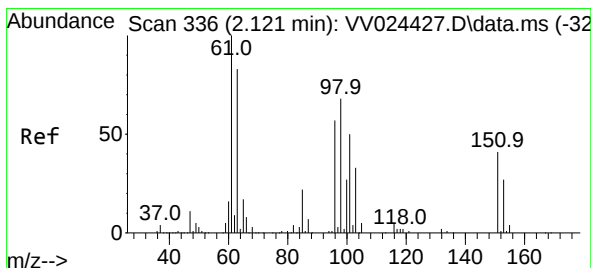
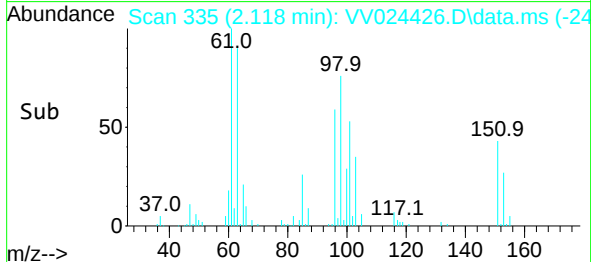
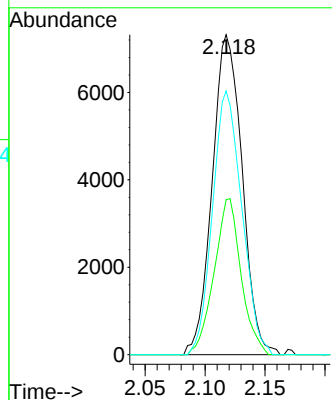
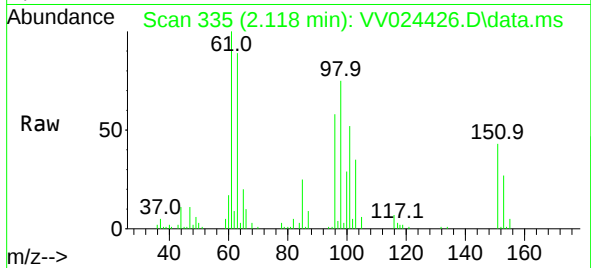




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.038 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

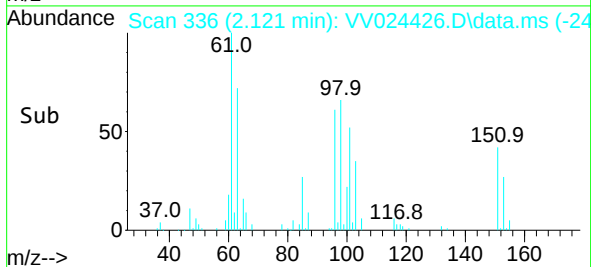
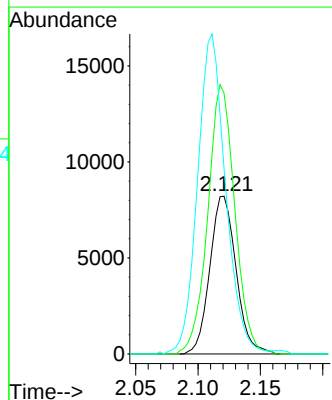
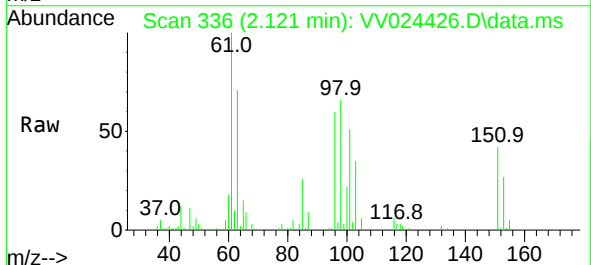
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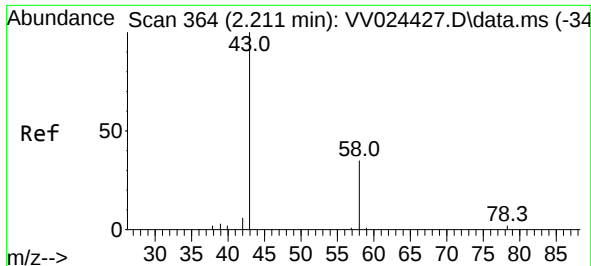
Tgt Ion:101 Resp: 12682
 Ion Ratio Lower Upper
 101 100
 85 44.0 36.0 54.0
 151 80.7 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 1.062 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

Tgt Ion: 96 Resp: 12040
 Ion Ratio Lower Upper
 96 100
 61 165.3 116.1 215.5
 63 117.7 79.4 147.4





#13

Acetone

Concen: 2.033 ug/L

RT: 2.217 min Scan# 30

Delta R.T. 0.007 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

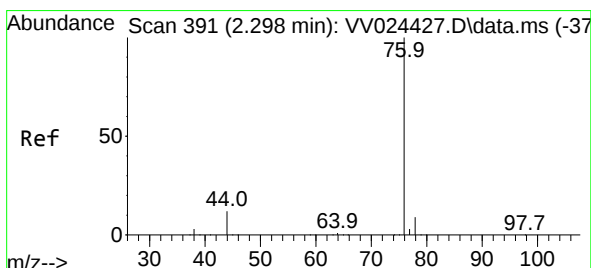
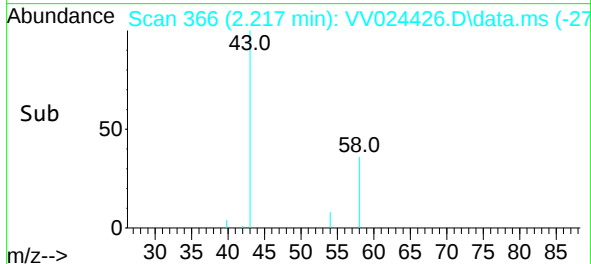
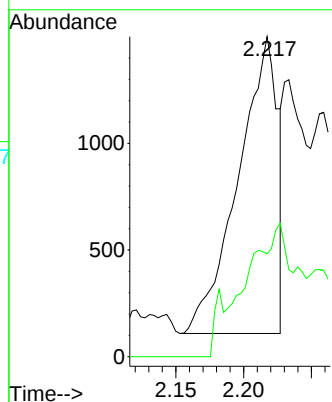
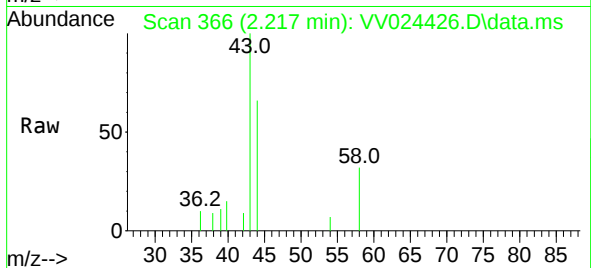
ClientSampleId :

Tgt Ion: 43 Resp: 2817

Ion Ratio Lower Upper

43 100

58 14.8 0.0 41.4



#14

Carbon disulfide

Concen: 1.080 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024426.D

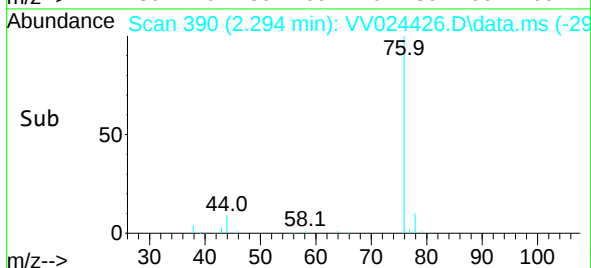
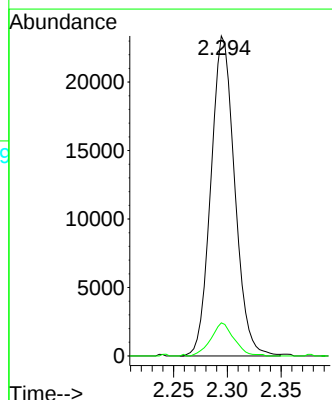
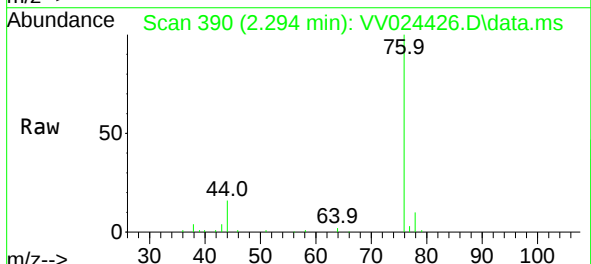
Acq: 26 Jan 2022 10:20

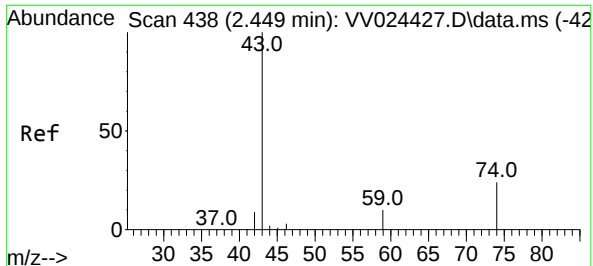
Tgt Ion: 76 Resp: 36019

Ion Ratio Lower Upper

76 100

78 10.3 7.5 11.3

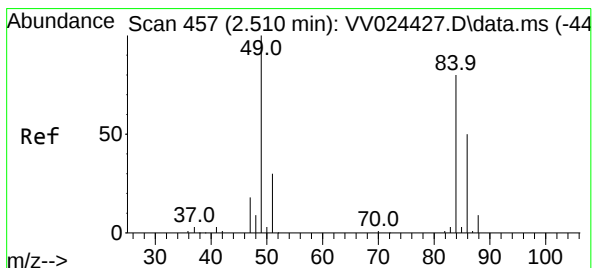
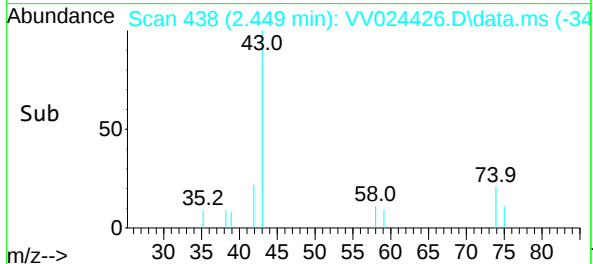
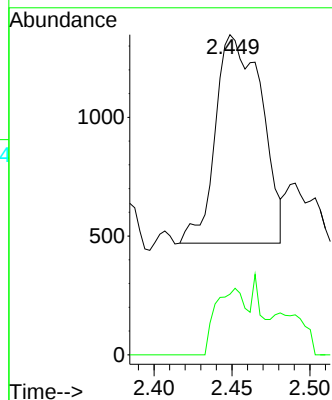
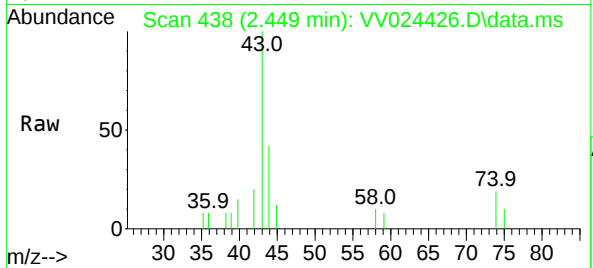




#15
Methyl Acetate
Concen: 0.510 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

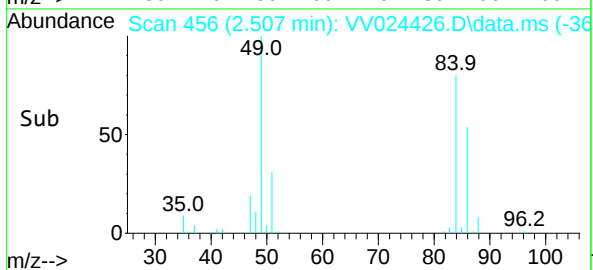
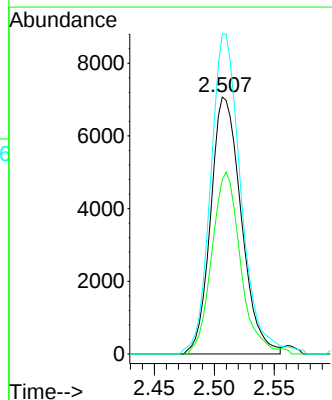
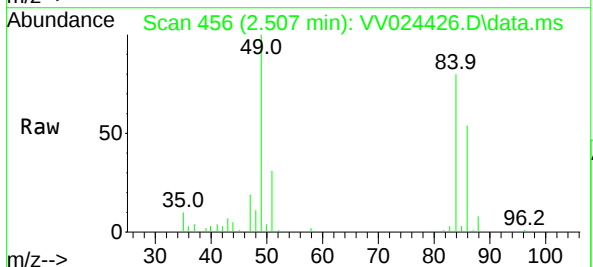
Instrument :
MSVOA_V
ClientSampleId :

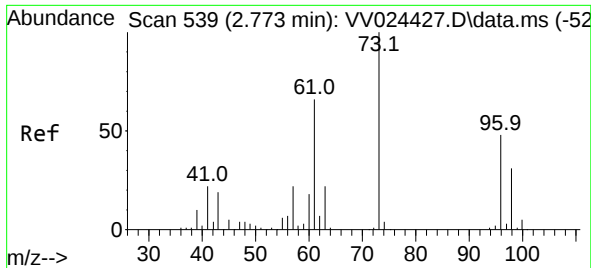
Tgt Ion: 43 Resp: 1812
Ion Ratio Lower Upper
43 100
74 21.3 20.2 30.2



#16
Methylene chloride
Concen: 0.876 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 84 Resp: 12517
Ion Ratio Lower Upper
84 100
86 67.9 42.6 79.0
49 124.6 79.7 147.9

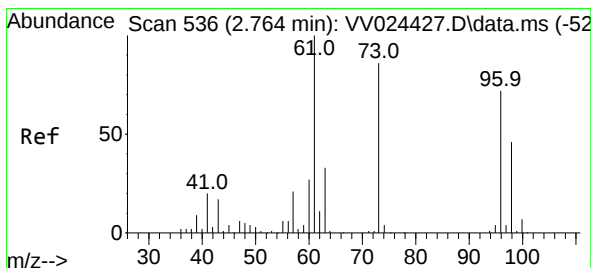
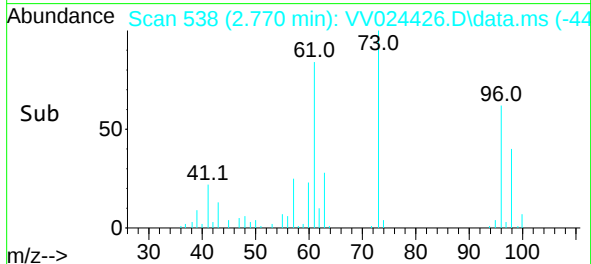
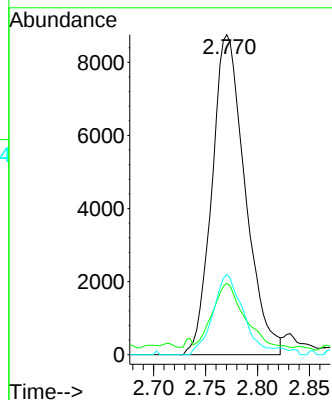
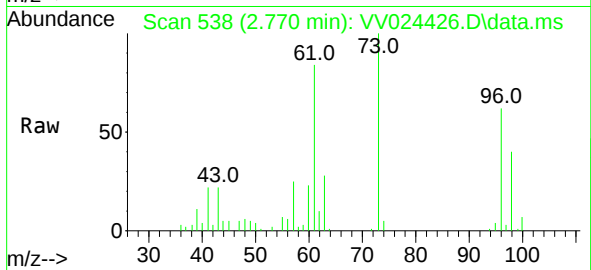




#17
Methyl tert-butyl Ether
Concen: 0.791 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

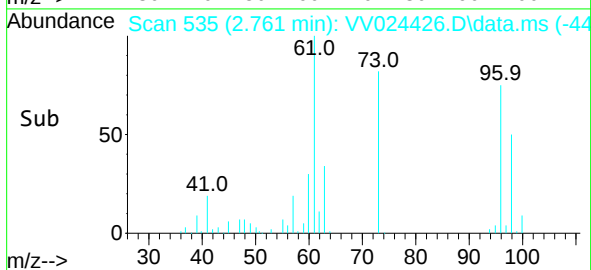
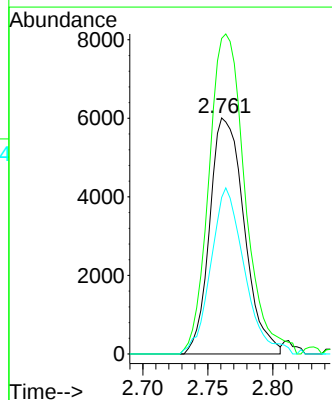
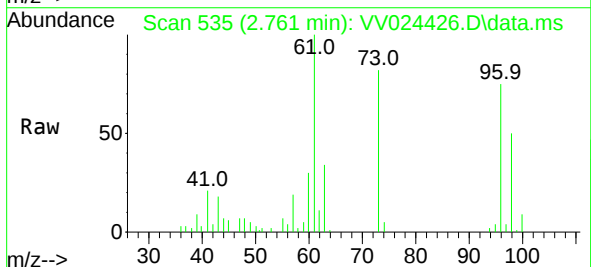
Instrument :
MSVOA_V
ClientSampleId :

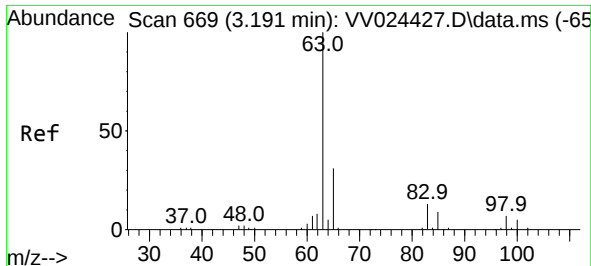
Tgt Ion: 73 Resp: 19422
Ion Ratio Lower Upper
73 100
43 18.9 15.5 23.3
57 23.8 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 0.913 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 96 Resp: 11100
Ion Ratio Lower Upper
96 100
61 133.7 88.2 163.8
98 66.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 0.964 ug/L

RT: 3.195 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

ClientSampleId :

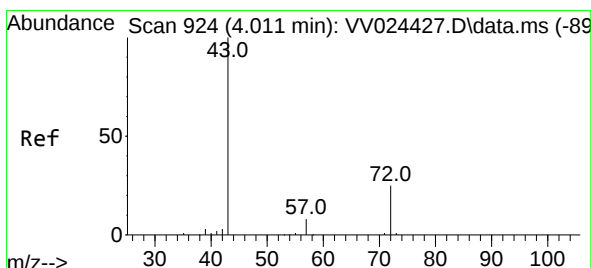
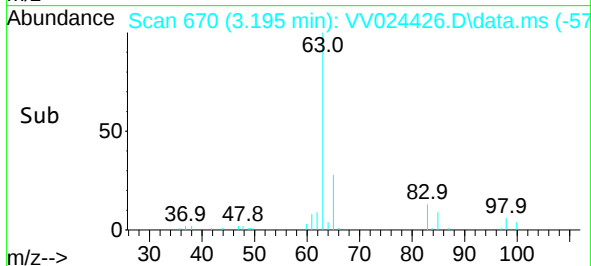
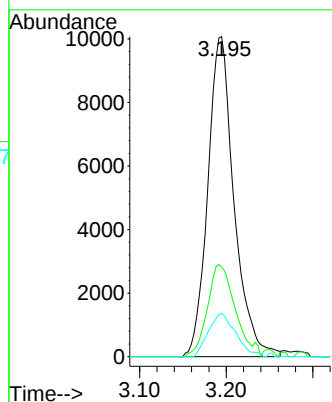
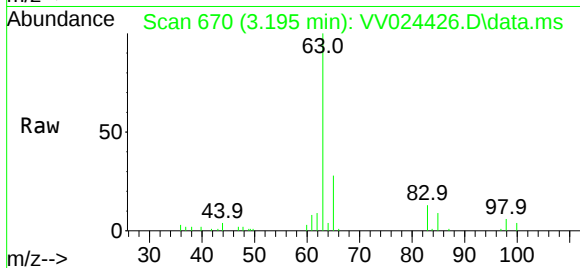
Tgt Ion: 63 Resp: 21218

Ion Ratio Lower Upper

63 100

65 28.1 22.3 41.3

83 13.5 10.7 19.9



#21

2-Butanone

Concen: 1.530 ug/L

RT: 4.034 min Scan# 931

Delta R.T. 0.023 min

Lab File: VV024426.D

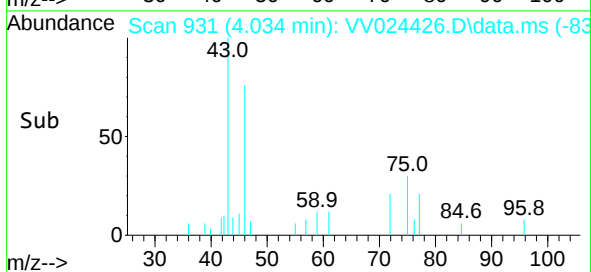
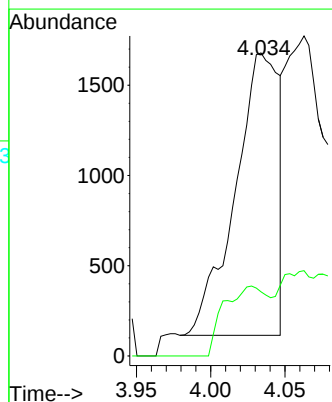
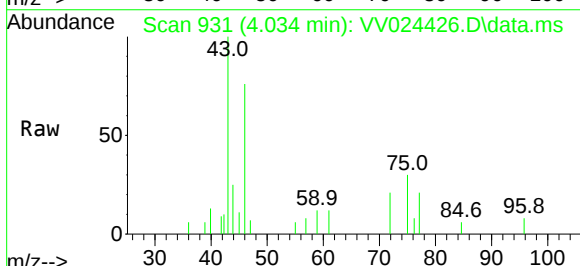
Acq: 26 Jan 2022 10:20

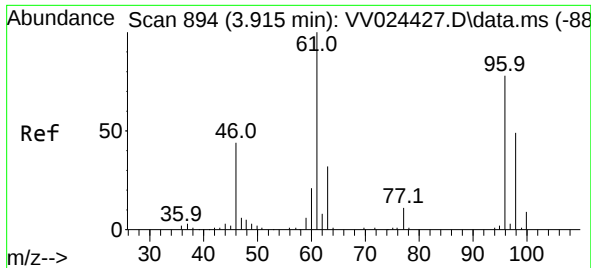
Tgt Ion: 43 Resp: 3193

Ion Ratio Lower Upper

43 100

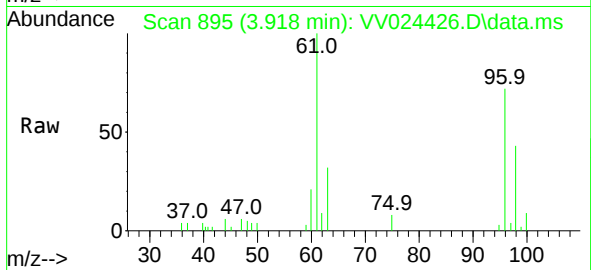
72 24.7 11.1 33.1





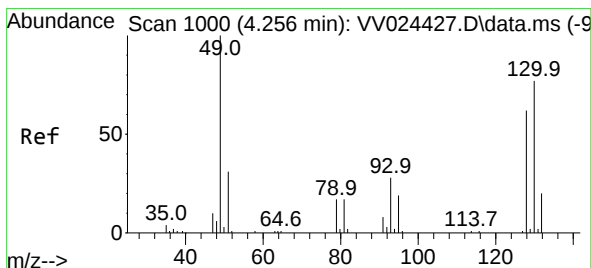
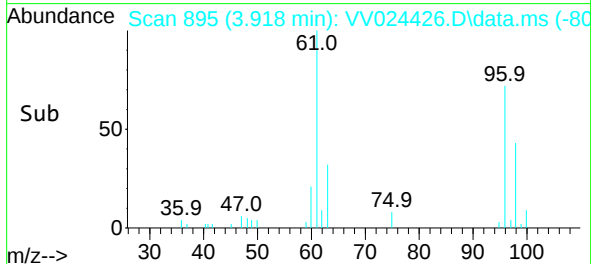
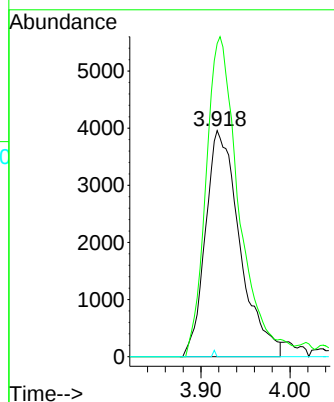
#22
 cis-1,2-Dichloroethene
 Concen: 0.837 ug/L
 RT: 3.918 min Scan# 894
 Delta R.T. 0.003 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 10627

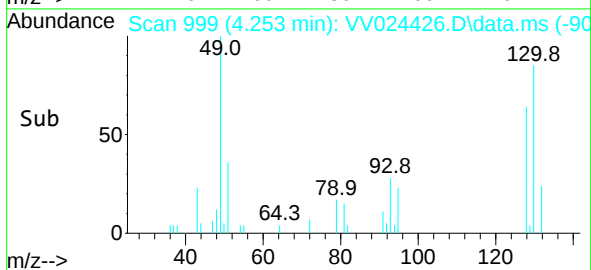
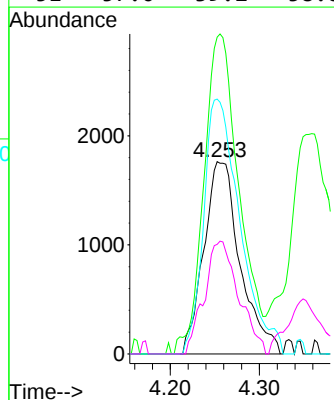
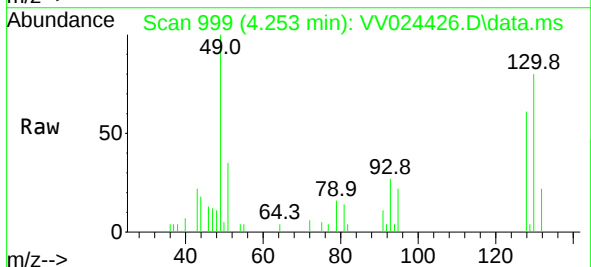
Ion	Ratio	Lower	Upper
96	100		
61	138.4	83.4	154.8
68	0.0	0.0	0.0

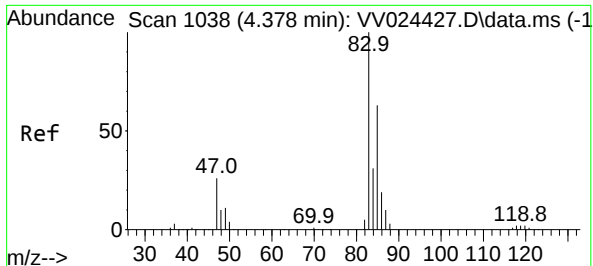


#23
 Bromochloromethane
 Concen: 0.867 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. -0.003 min
 Lab File: VV024426.D
 Acq: 26 Jan 2022 10:20

Tgt Ion: 128 Resp: 4989

Ion	Ratio	Lower	Upper
128	100		
49	164.8	100.2	186.2
130	132.6	92.5	171.7
51	57.0	39.2	58.8





#25

Chloroform

Concen: 1.006 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

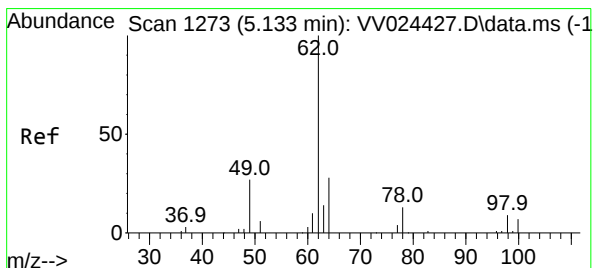
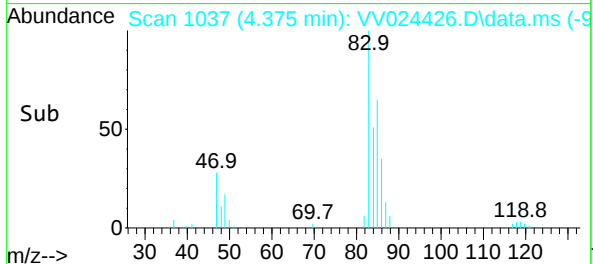
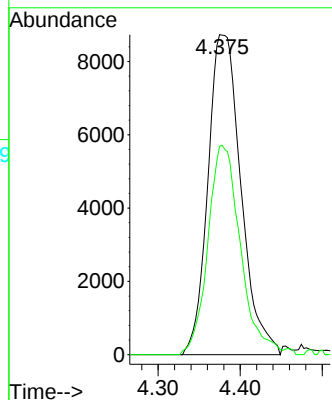
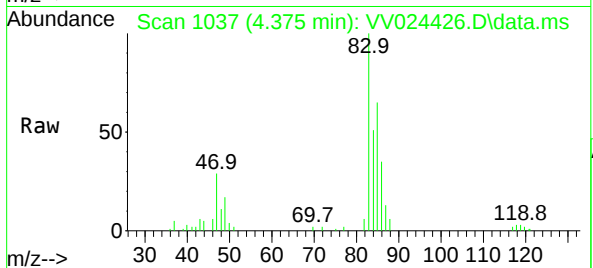
ClientSampleId :

Tgt Ion: 83 Resp: 24412

Ion Ratio Lower Upper

83 100

85 65.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.901 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.007 min

Lab File: VV024426.D

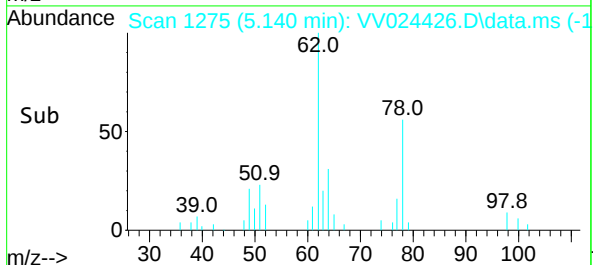
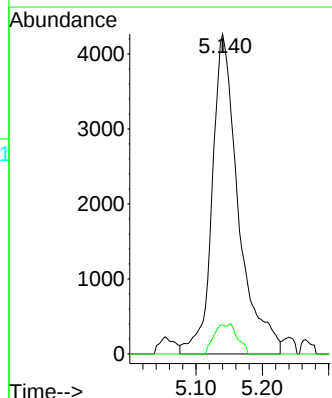
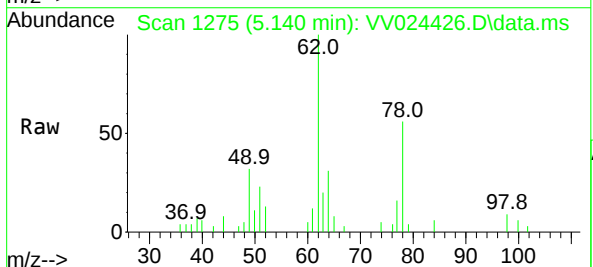
Acq: 26 Jan 2022 10:20

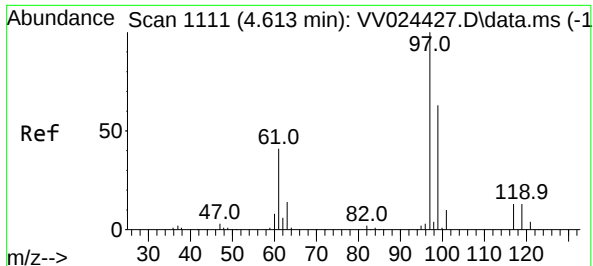
Tgt Ion: 62 Resp: 11718

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 0.844 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.003 min

Lab File: VV024426.D

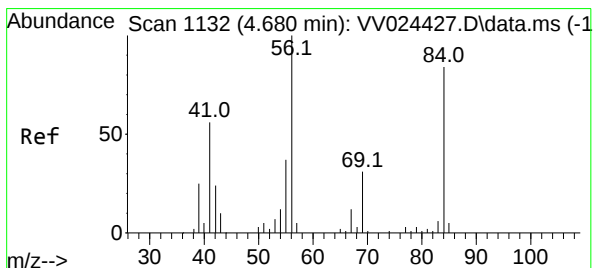
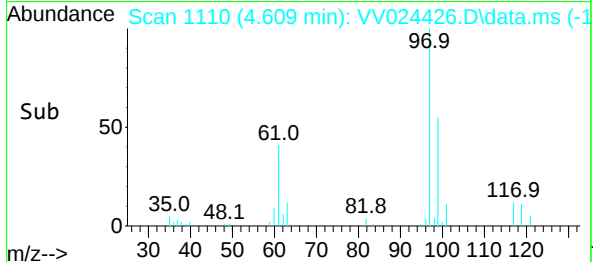
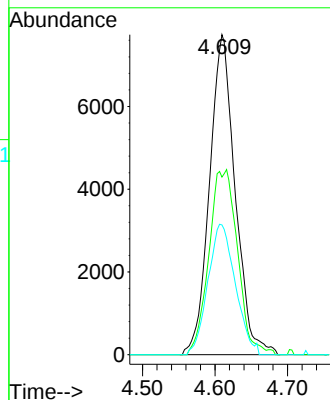
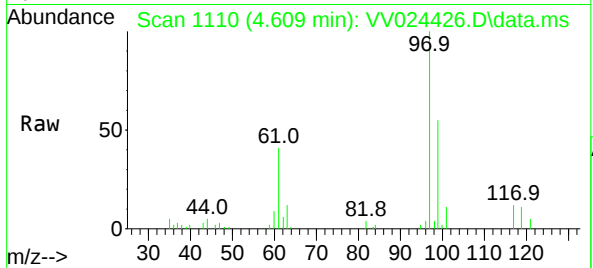
Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 19037
Ion Ratio	Lower Upper
97 100	
99 31.4	51.9 77.9#
61 43.5	33.2 49.8



#30

Cyclohexane

Concen: 0.901 ug/L

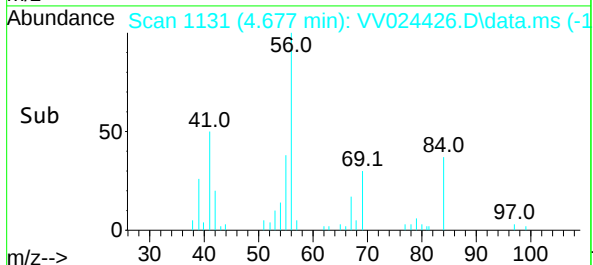
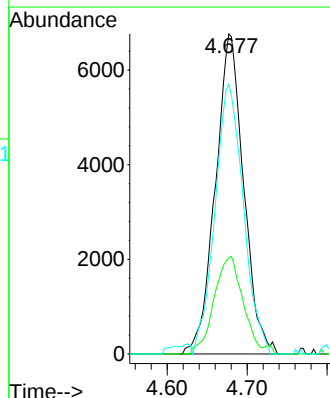
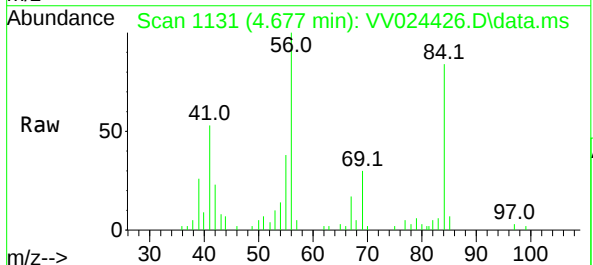
RT: 4.677 min Scan# 1131

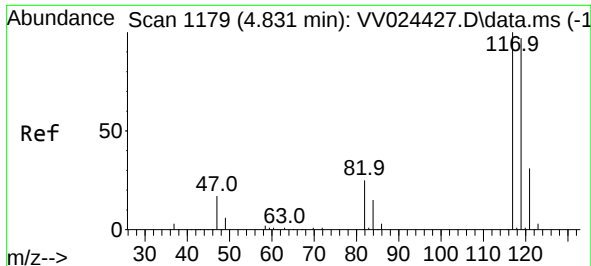
Delta R.T. -0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

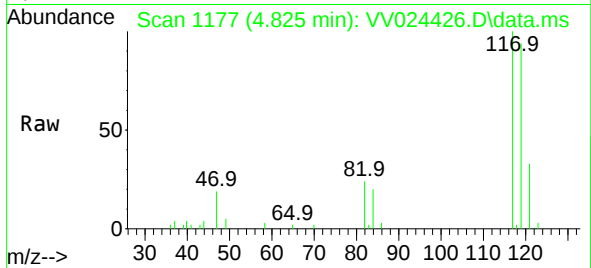
Tgt Ion: 56	Resp: 16584
Ion Ratio	Lower Upper
56 100	
69 30.9	24.8 37.2
84 85.0	75.9 113.9



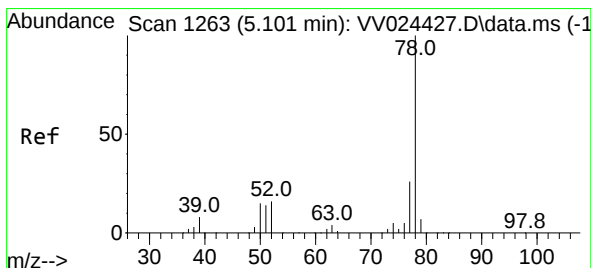
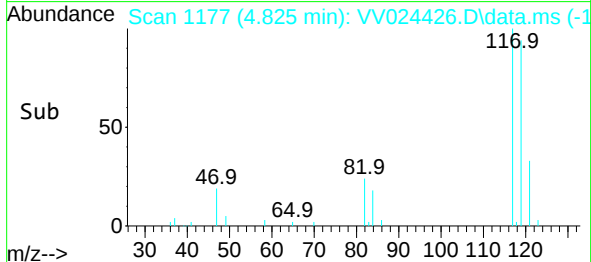
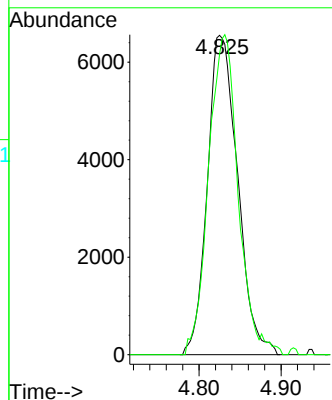


#31
Carbon tetrachloride
Concen: 0.796 ug/L
RT: 4.825 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Instrument :
MSVOA_V
ClientSampleId :

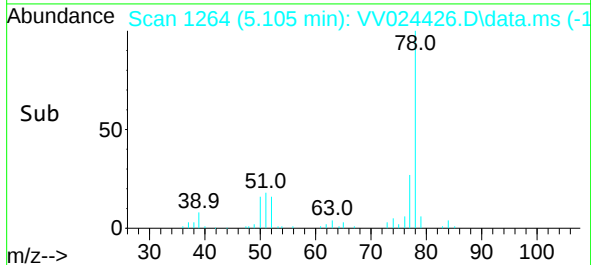
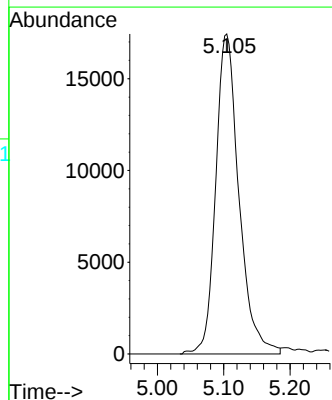
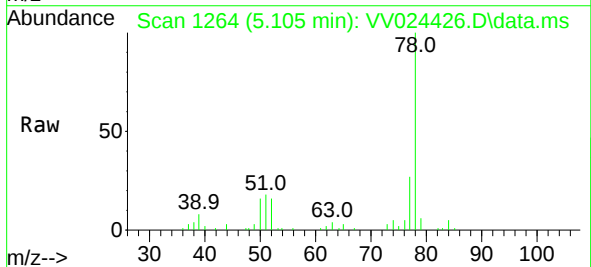


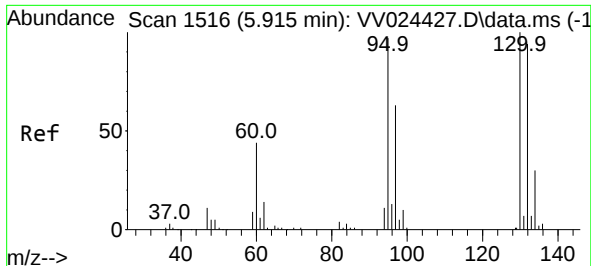
Tgt Ion:117 Resp: 16806
Ion Ratio Lower Upper
117 100
119 98.2 76.6 114.8



#33
Benzene
Concen: 0.857 ug/L
RT: 5.105 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

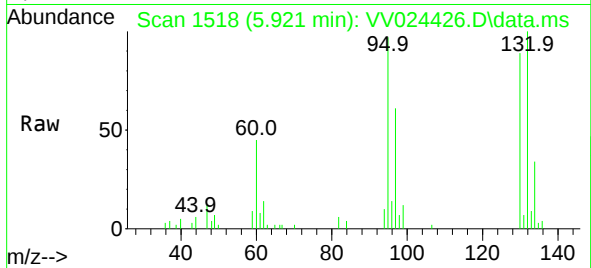
Tgt Ion: 78 Resp: 42418





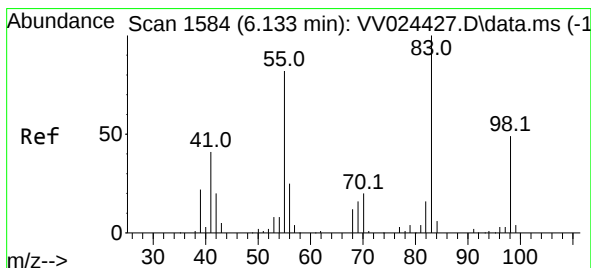
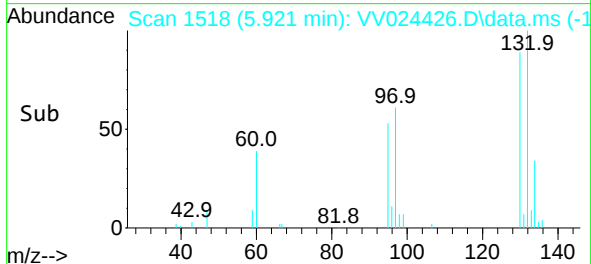
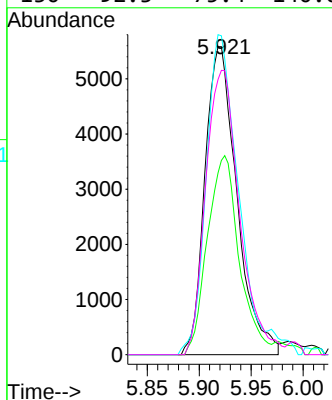
#34
Trichloroethene
Concen: 0.853 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 11949

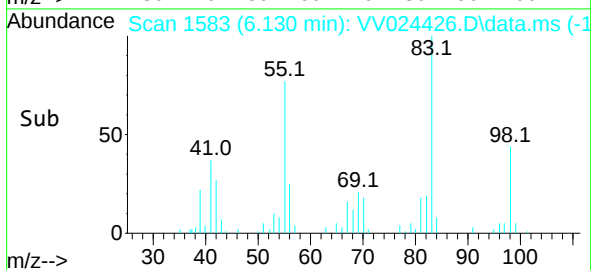
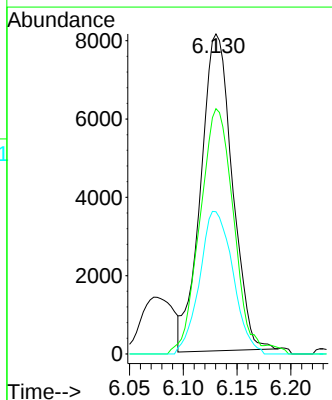
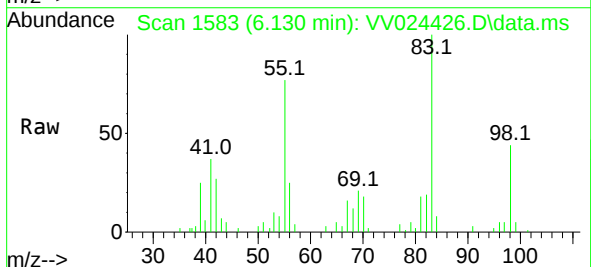
Ion	Ratio	Lower	Upper
95	100		
97	63.1	45.2	84.0
132	103.5	76.1	141.3
130	92.3	75.4	140.0

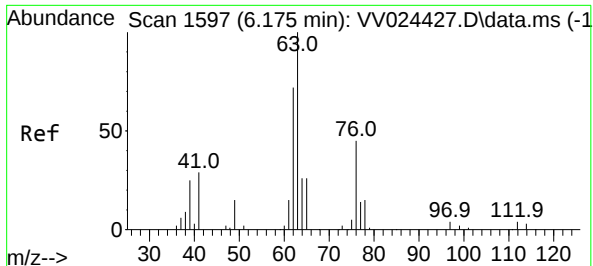


#35
Methylcyclohexane
Concen: 0.814 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 83 Resp: 16530

Ion	Ratio	Lower	Upper
83	100		
55	82.0	60.2	90.2
98	47.4	41.0	61.4





#37

1,2-Dichloropropane

Concen: 0.791 ug/L

RT: 6.179 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

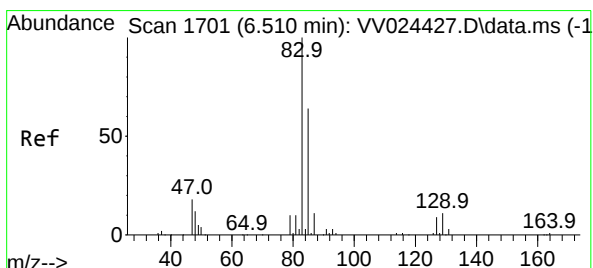
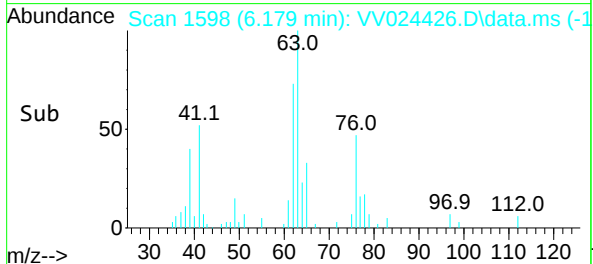
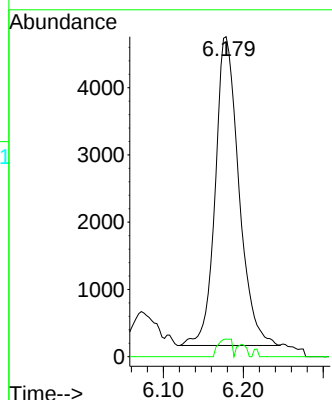
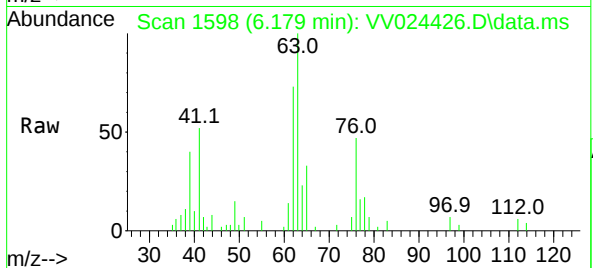
ClientSampleId :

Tgt Ion: 63 Resp: 9438

Ion Ratio Lower Upper

63 100

112 3.3 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.863 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

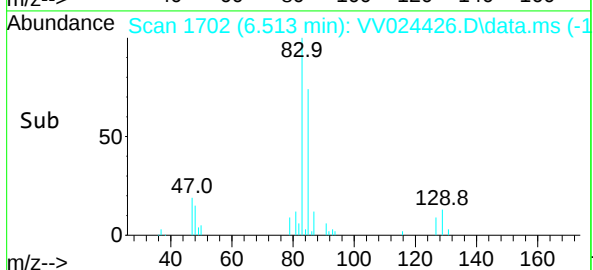
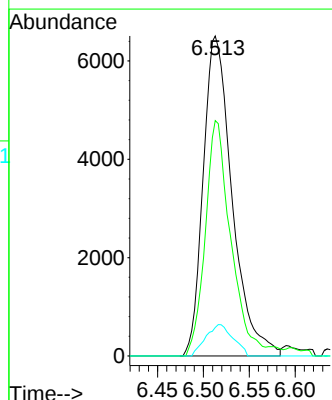
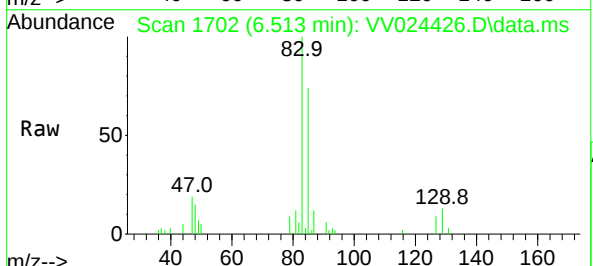
Tgt Ion: 83 Resp: 14292

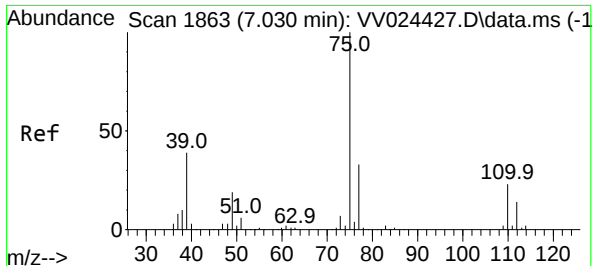
Ion Ratio Lower Upper

83 100

85 73.6 44.0 81.8

127 8.9 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 0.693 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

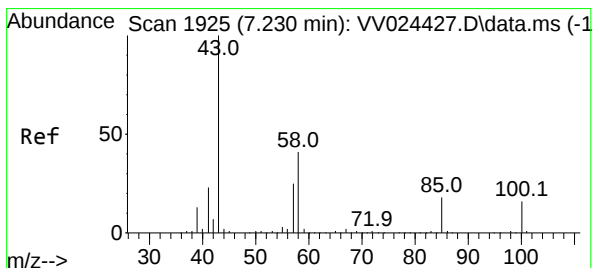
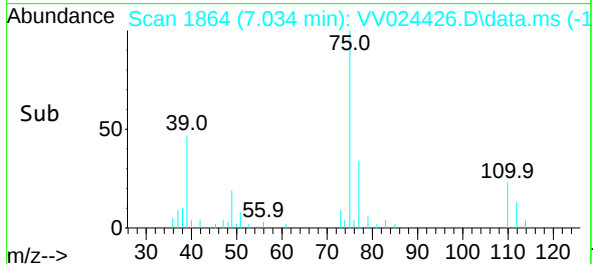
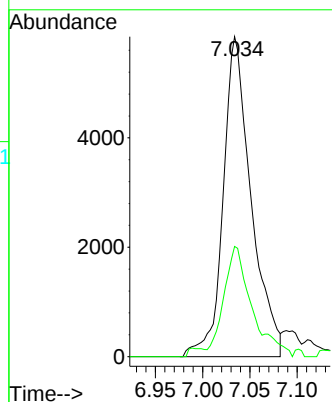
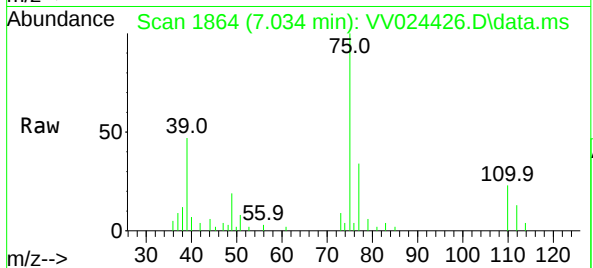
ClientSampleId :

Tgt Ion: 75 Resp: 12026

Ion Ratio Lower Upper

75 100

77 34.5 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 7.493 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

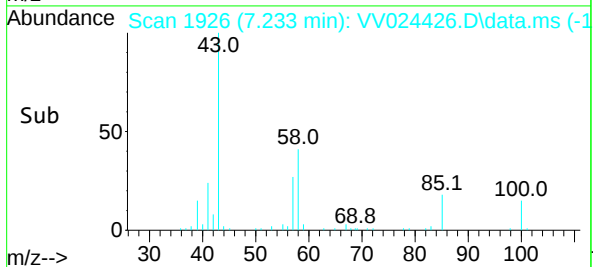
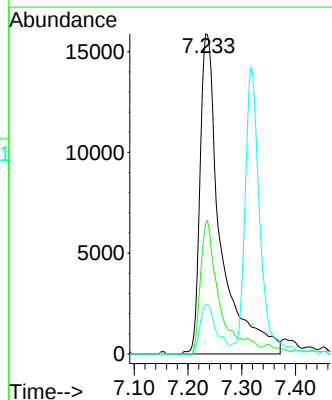
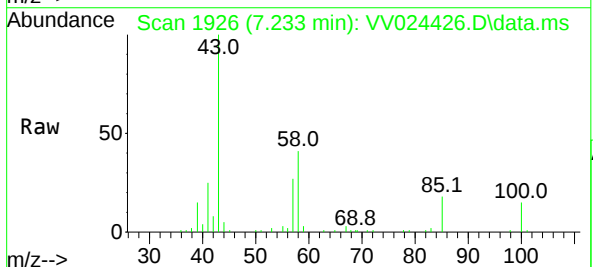
Tgt Ion: 43 Resp: 42195

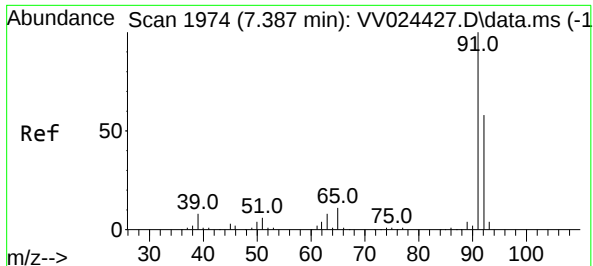
Ion Ratio Lower Upper

43 100

58 35.8 32.3 48.5

100 12.5 13.0 19.6#

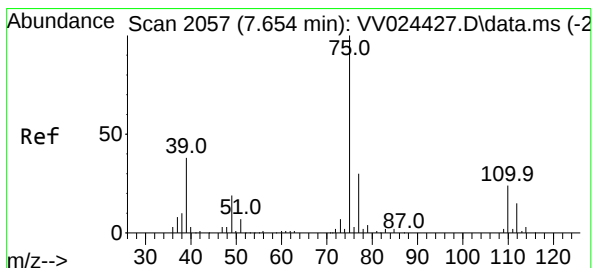
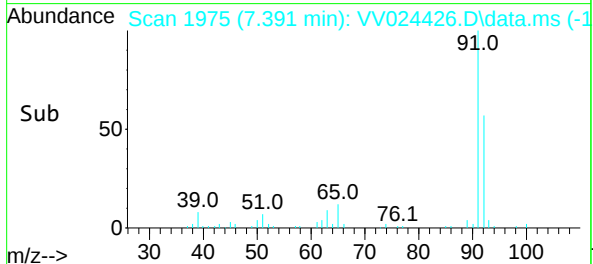
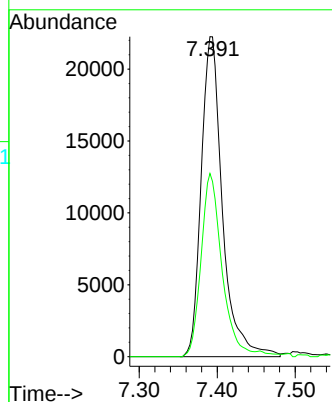
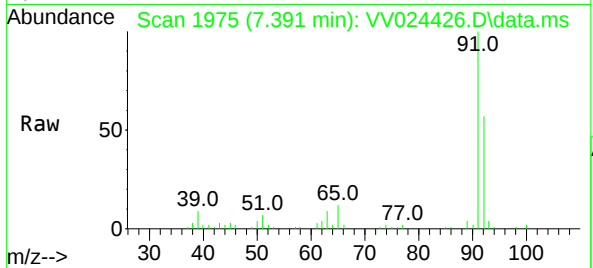




#42
Toluene
Concen: 0.763 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

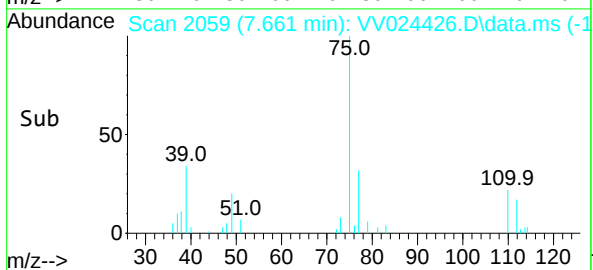
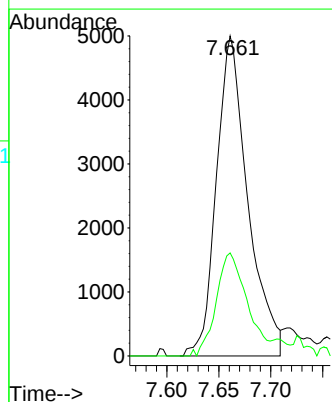
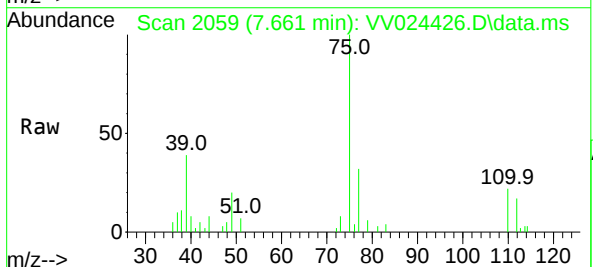
Instrument :
MSVOA_V
ClientSampleId :

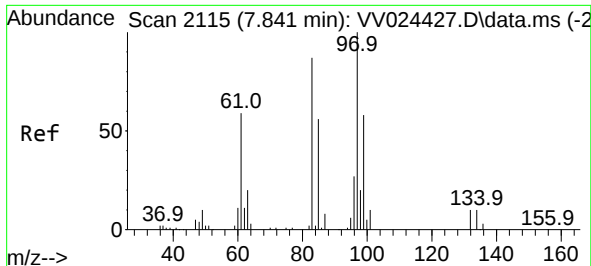
Tgt Ion: 91 Resp: 42152
Ion Ratio Lower Upper
91 100
92 57.2 41.5 77.1



#44
trans-1,3-Dichloropropene
Concen: 0.705 ug/L
RT: 7.661 min Scan# 2059
Delta R.T. 0.007 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 75 Resp: 10512
Ion Ratio Lower Upper
75 100
77 32.2 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 0.796 ug/L

RT: 7.844 min Scan# 2115

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 6785

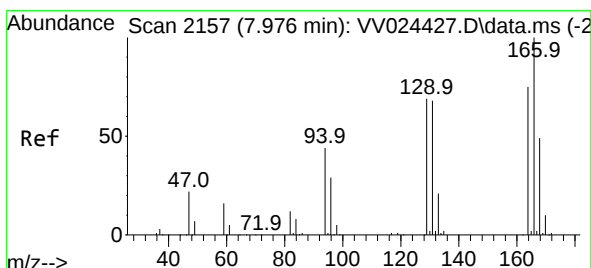
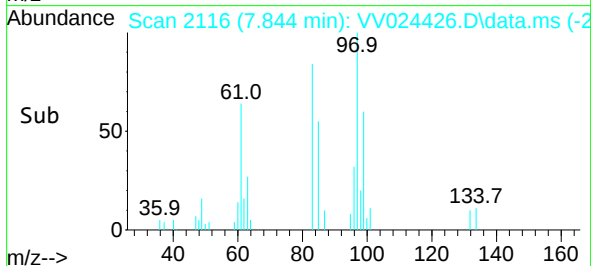
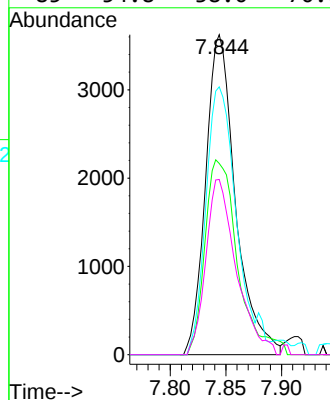
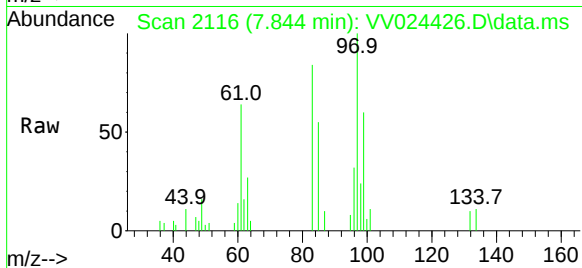
Ion Ratio Lower Upper

97 100

99 59.7 43.1 80.1

83 83.7 57.9 107.5

85 54.8 38.0 70.6



#47

Tetrachloroethene

Concen: 0.781 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Tgt Ion:164 Resp: 9339

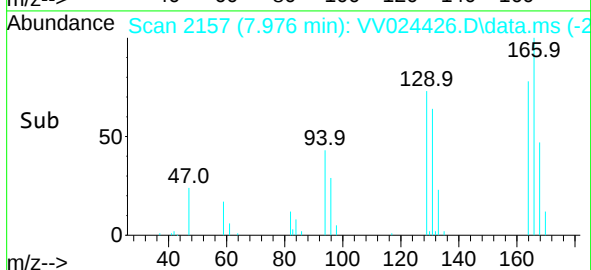
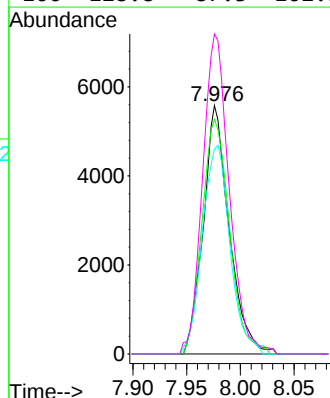
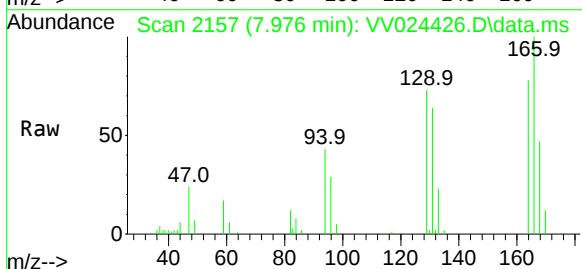
Ion Ratio Lower Upper

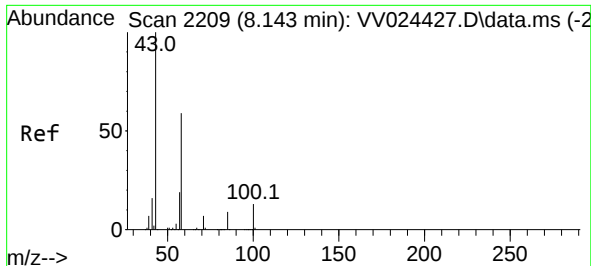
164 100

129 94.4 62.6 116.2

131 82.5 61.0 113.4

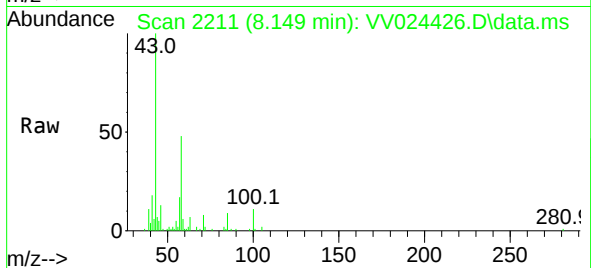
166 128.8 87.3 162.1



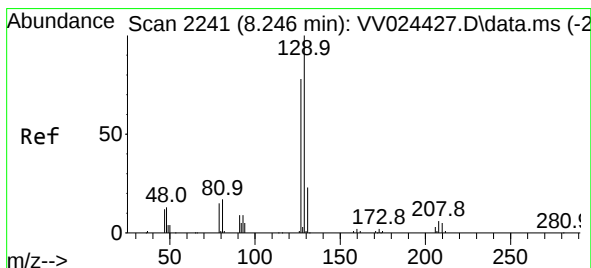
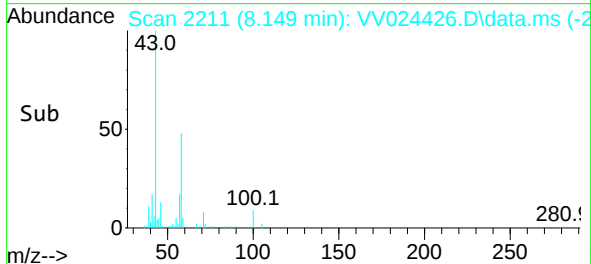
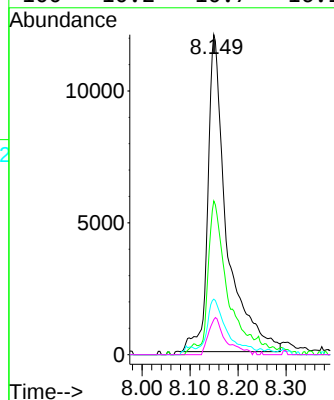


#48
2-Hexanone
Concen: 8.143 ug/L
RT: 8.149 min Scan# 2111
Delta R.T. 0.007 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Instrument :
MSVOA_V
ClientSampleId :

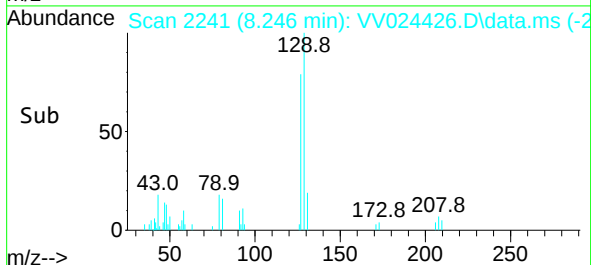
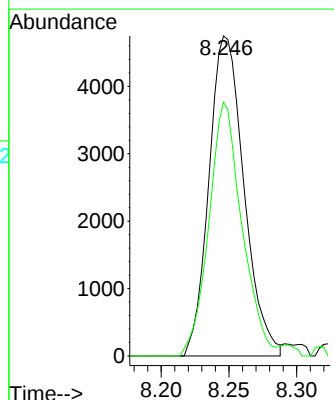
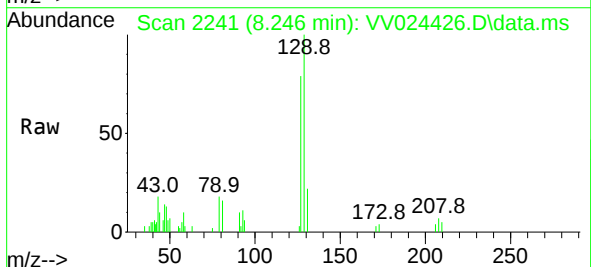


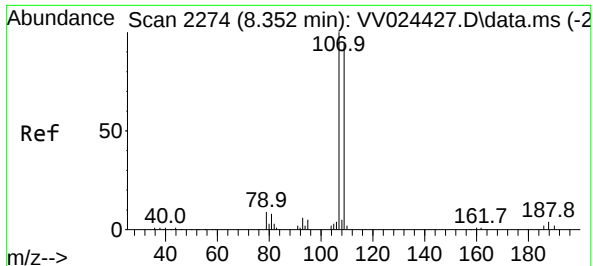
Tgt Ion: 43 Resp: 33120
Ion Ratio Lower Upper
43 100
58 42.8 44.5 66.7#
57 16.2 15.1 22.7
100 10.2 10.7 16.1#



#49
Dibromochloromethane
Concen: 0.740 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 129 Resp: 8519
Ion Ratio Lower Upper
129 100
127 79.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 0.795 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024426.D

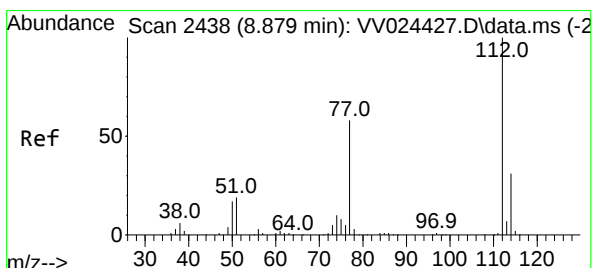
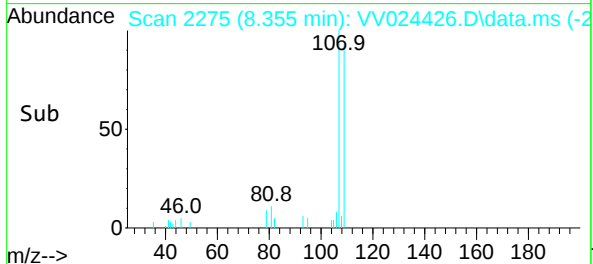
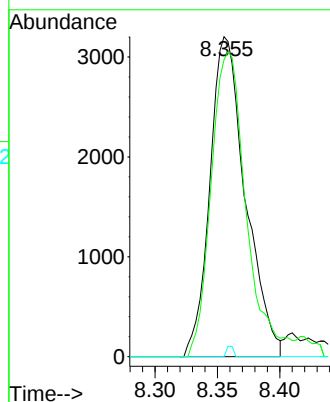
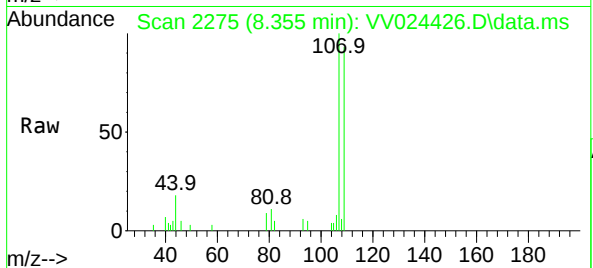
Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	6366
Ion Ratio	Lower	Upper	
107	100		
109	92.8	62.5	116.1
188	0.0	3.4	5.2#



#51

Chlorobenzene

Concen: 0.816 ug/L

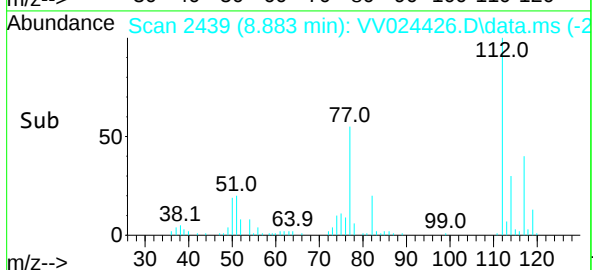
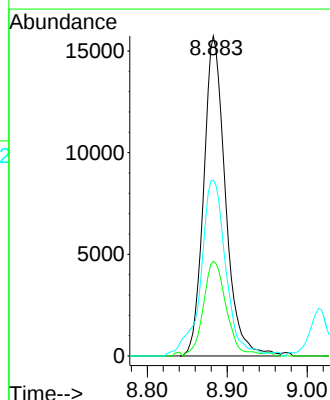
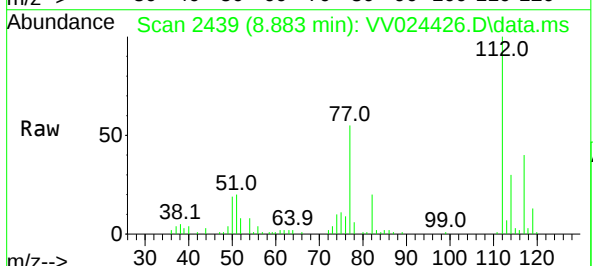
RT: 8.883 min Scan# 2439

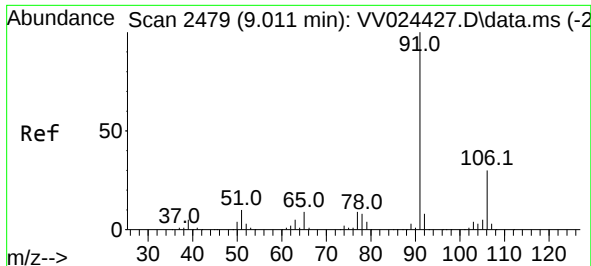
Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Tgt Ion:	112	Resp:	29754
Ion Ratio	Lower	Upper	
112	100		
114	29.6	23.3	43.3
77	54.9	43.3	64.9





#52

Ethylbenzene

Concen: 0.748 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

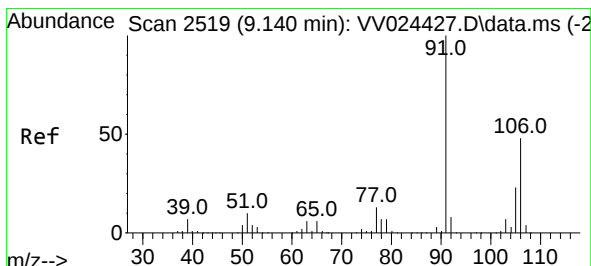
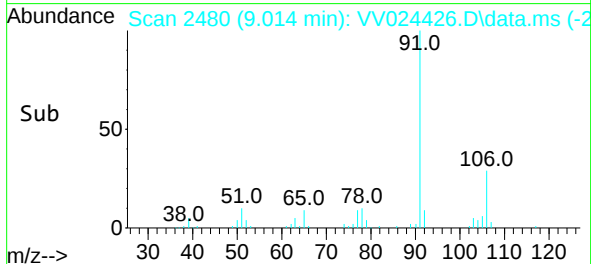
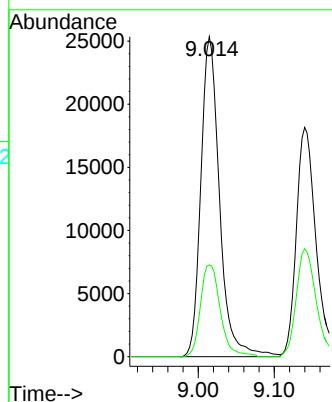
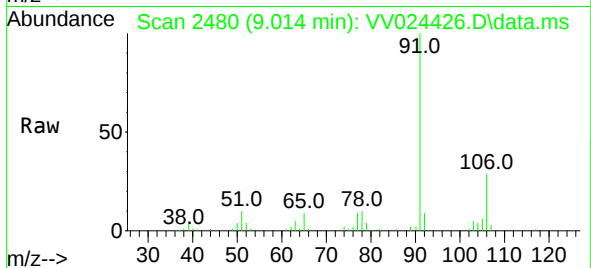
ClientSampleId :

Tgt Ion: 91 Resp: 43189

Ion Ratio Lower Upper

91 100

106 28.7 22.0 41.0



#53

m,p-xylene

Concen: 0.703 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV024426.D

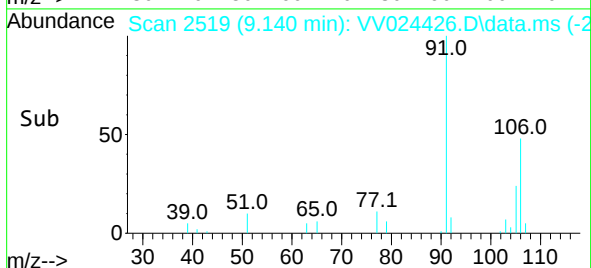
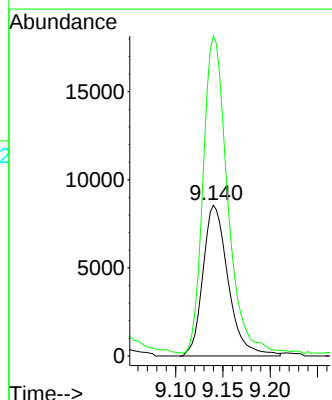
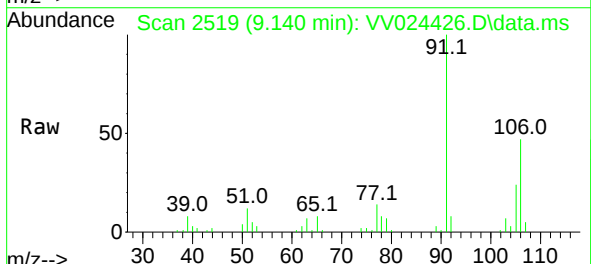
Acq: 26 Jan 2022 10:20

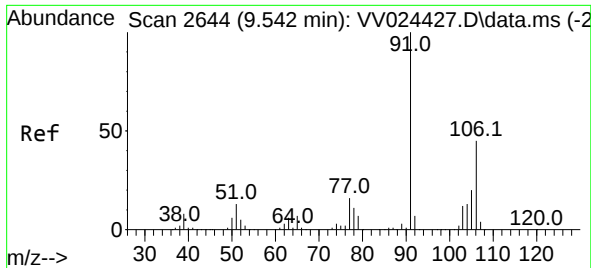
Tgt Ion:106 Resp: 15876

Ion Ratio Lower Upper

106 100

91 212.2 139.5 259.1

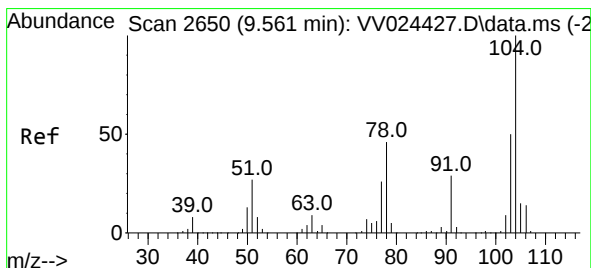
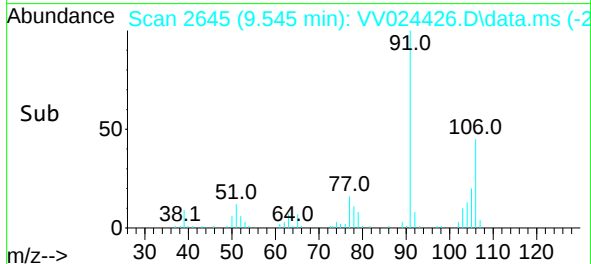
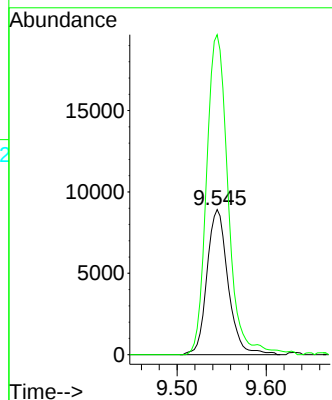
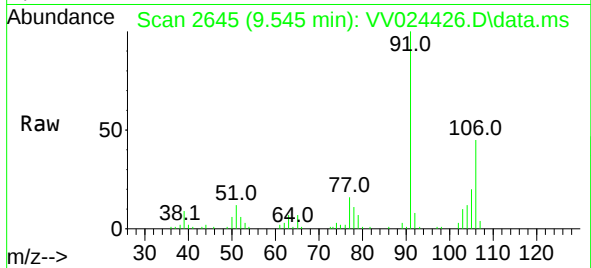




#54
o-xylene
Concen: 0.669 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

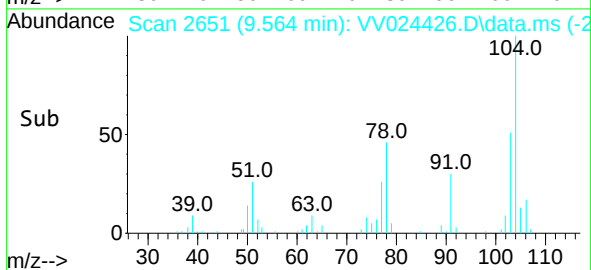
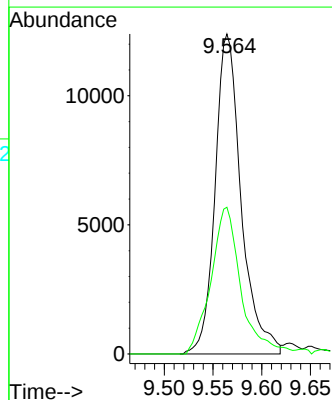
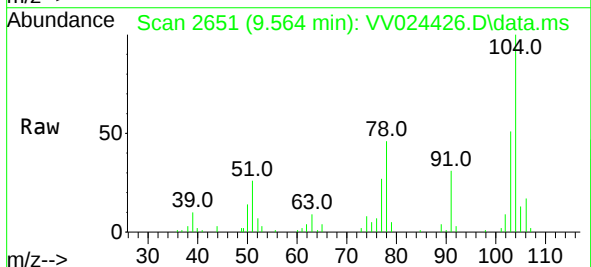
Instrument :
MSVOA_V
ClientSampleId :

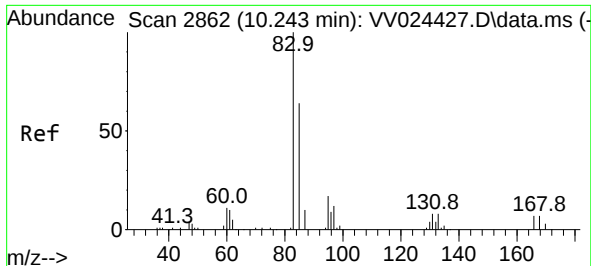
Tgt Ion:106 Resp: 14657
Ion Ratio Lower Upper
106 100
91 220.6 147.9 274.7



#55
Styrene
Concen: 0.635 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion:104 Resp: 23066
Ion Ratio Lower Upper
104 100
78 45.9 31.0 57.6

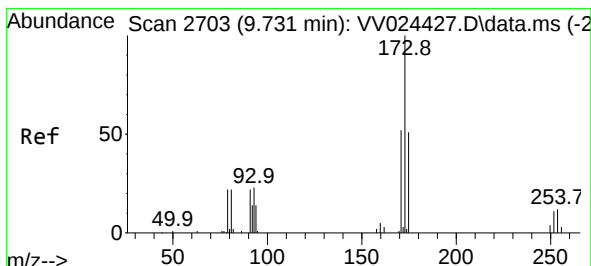
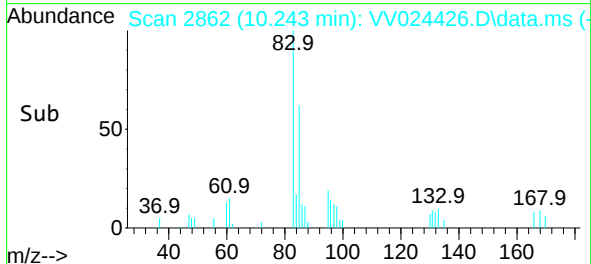
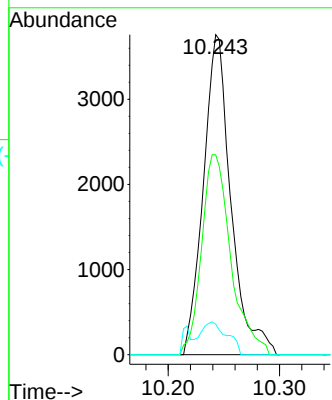
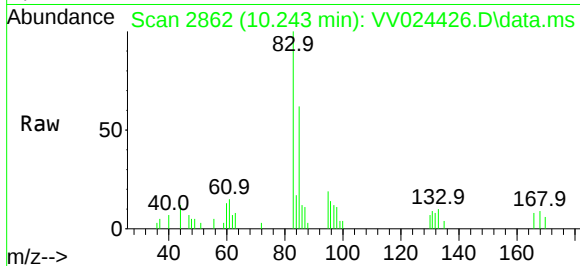




#57
1,1,2,2-Tetrachloroethane
Concen: 0.699 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

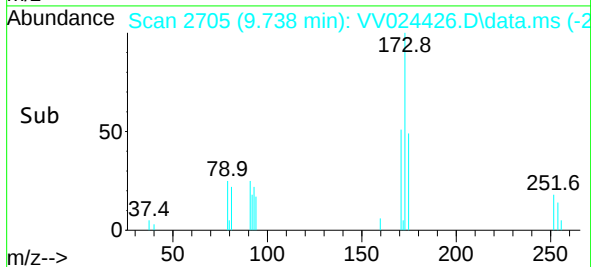
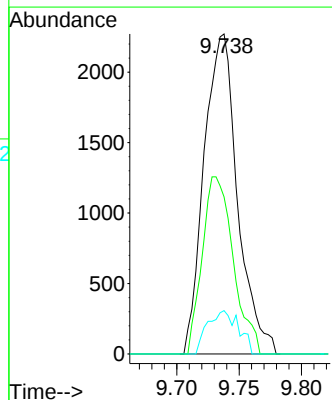
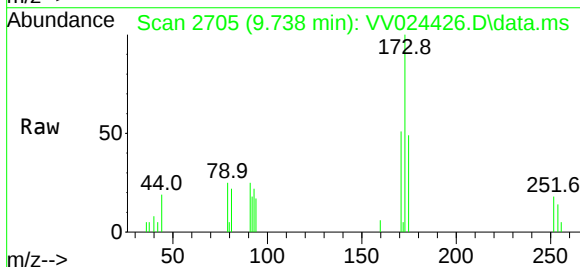
Instrument :
MSVOA_V
ClientSampleId :

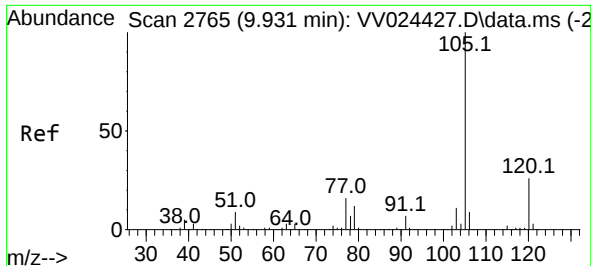
Tgt Ion: 83 Resp: 6452
Ion Ratio Lower Upper
83 100
85 62.5 44.6 82.8
131 9.5 8.3 12.5



#59
Bromoform
Concen: 0.717 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.007 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 173 Resp: 4242
Ion Ratio Lower Upper
173 100
175 51.3 39.4 59.2
254 12.6 7.4 11.0#

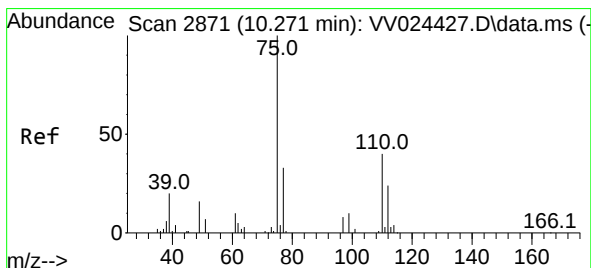
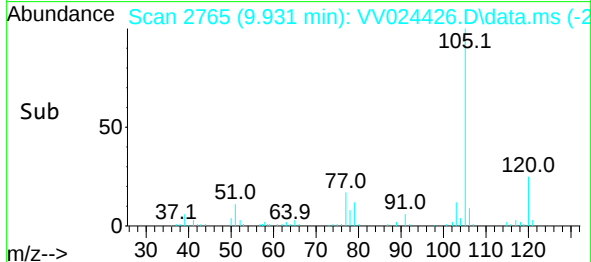
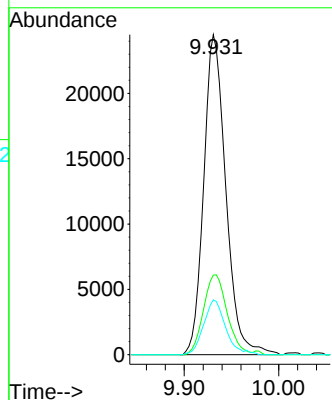
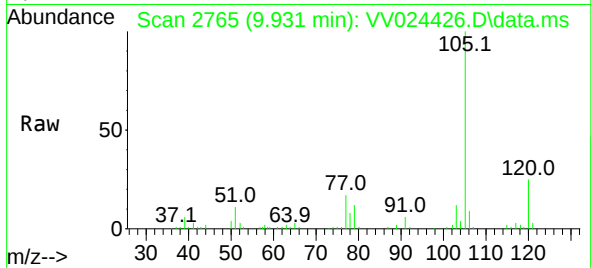




#60
Isopropylbenzene
Concen: 0.724 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

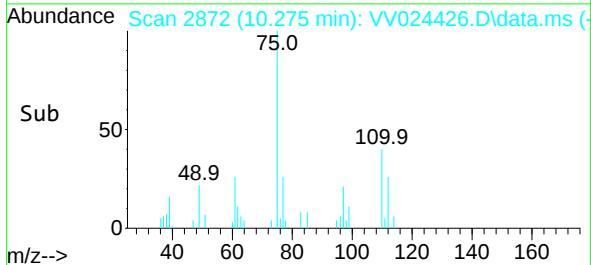
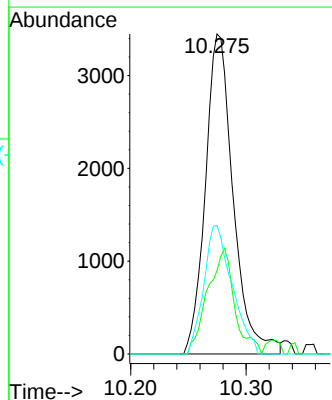
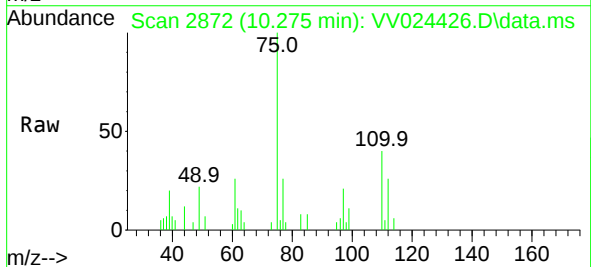
Instrument :
MSVOA_V
ClientSampleId :

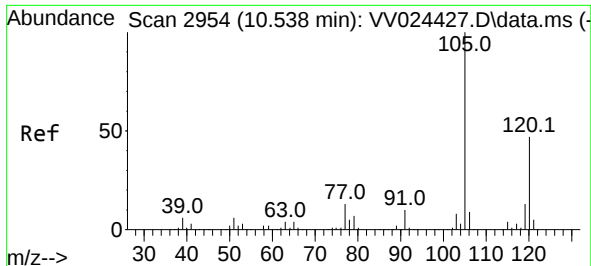
Tgt Ion:105 Resp: 39820
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 17.0 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 0.889 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 75 Resp: 5774
Ion Ratio Lower Upper
75 100
77 31.8 26.4 39.6
110 40.9 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 0.662 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

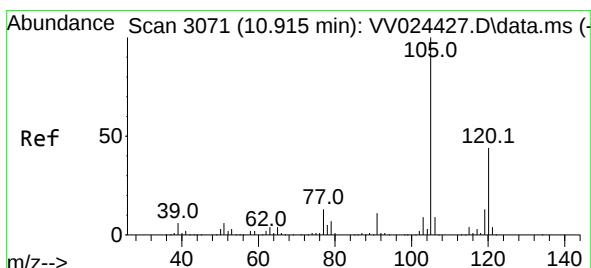
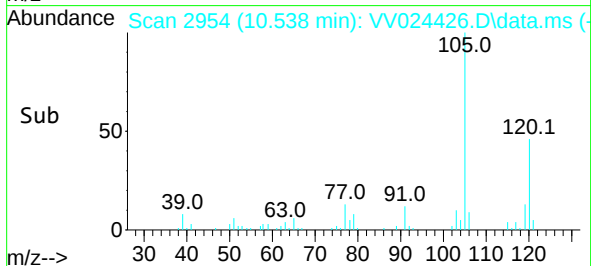
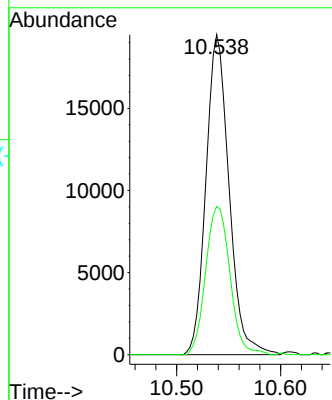
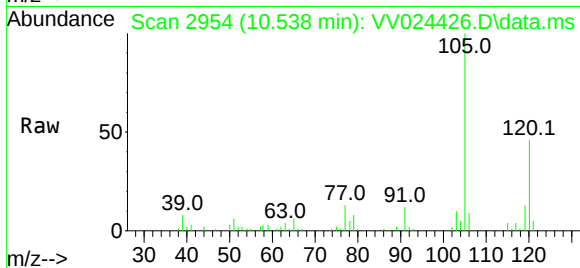
ClientSampleId :

Tgt Ion:105 Resp: 30057

Ion Ratio Lower Upper

105 100

120 48.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 0.683 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV024426.D

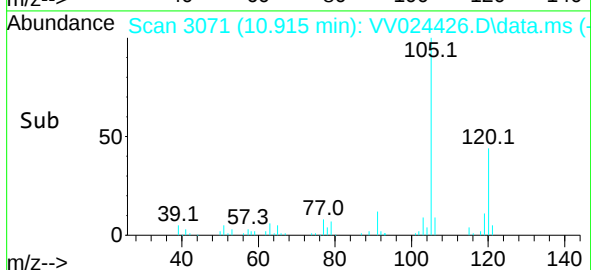
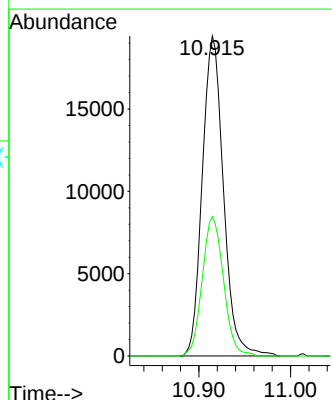
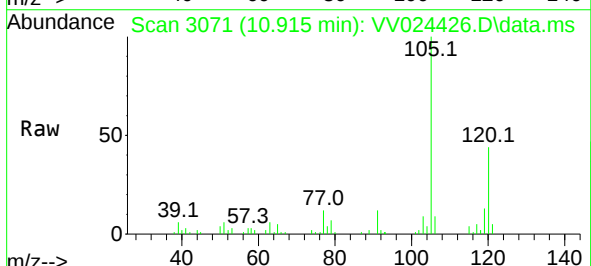
Acq: 26 Jan 2022 10:20

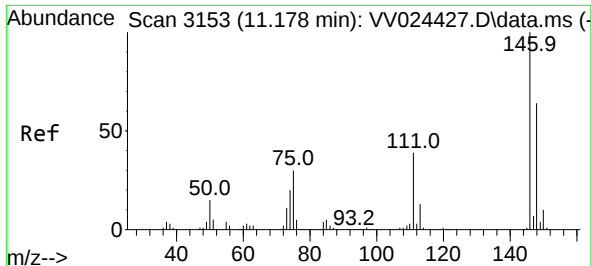
Tgt Ion:105 Resp: 31139

Ion Ratio Lower Upper

105 100

120 43.6 36.7 55.1

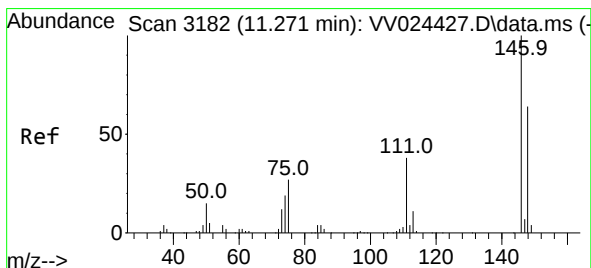
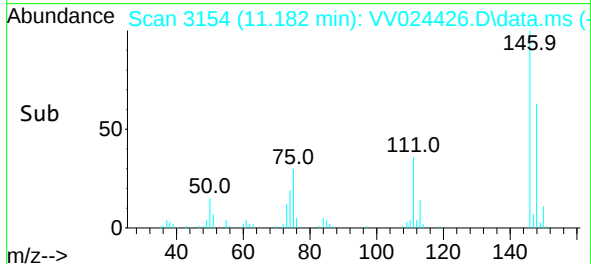
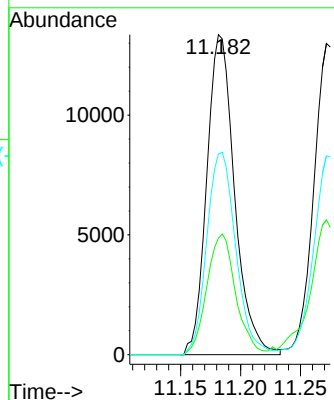
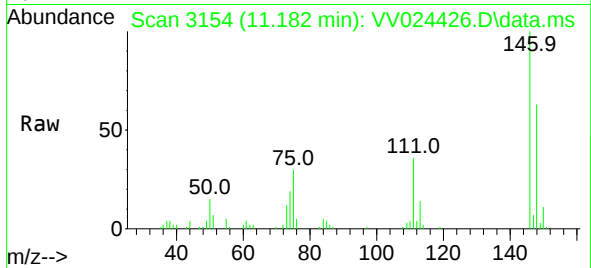




#64
1,3-Dichlorobenzene
Concen: 0.767 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

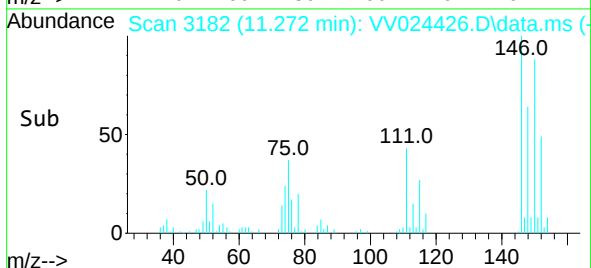
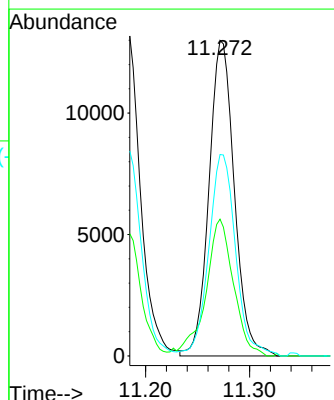
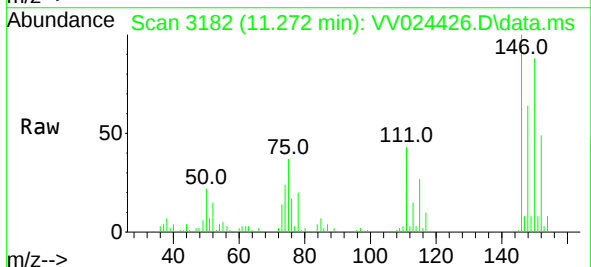
Instrument :
MSVOA_V
ClientSampleId :

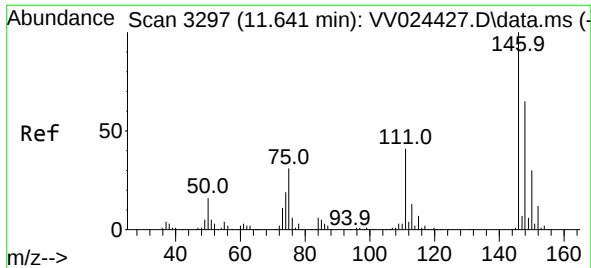
Tgt Ion:146 Resp: 21550
Ion Ratio Lower Upper
146 100
111 36.4 26.3 48.9
148 62.7 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.780 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion:146 Resp: 22034
Ion Ratio Lower Upper
146 100
111 43.4 25.6 47.6
148 63.8 44.8 83.2

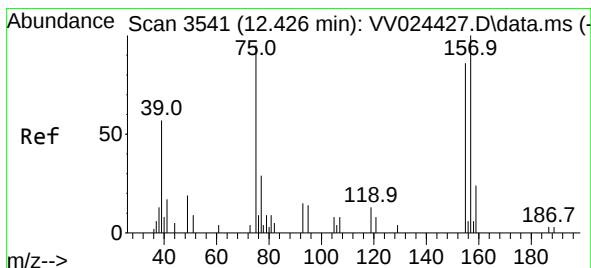
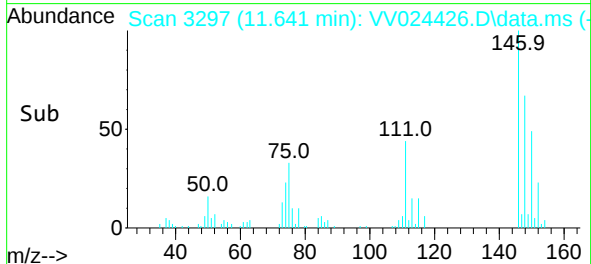
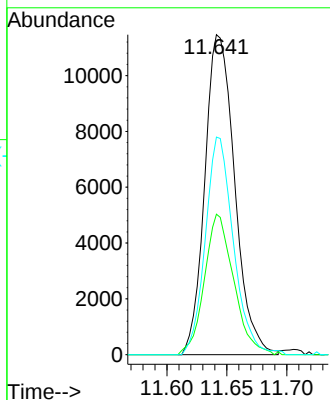
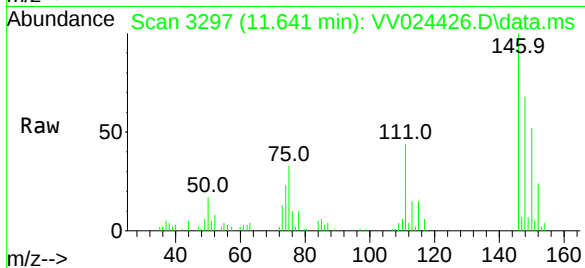




#67
1,2-Dichlorobenzene
Concen: 0.773 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

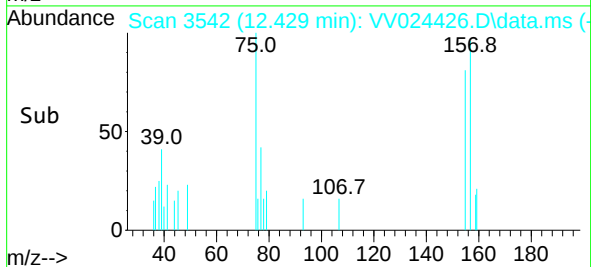
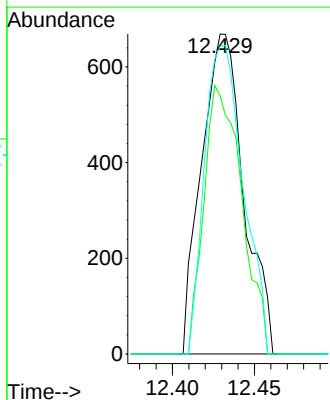
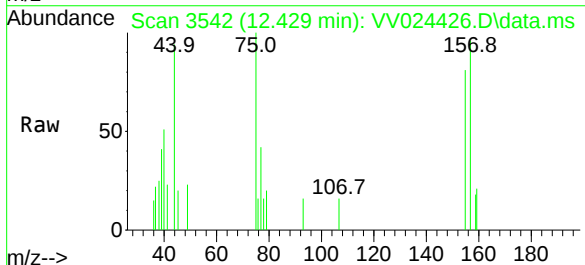
Instrument :
MSVOA_V
ClientSampleId :

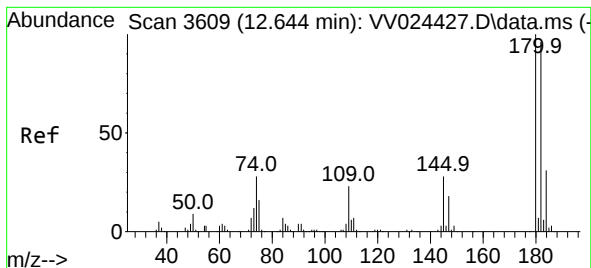
Tgt Ion:146 Resp: 19867
Ion Ratio Lower Upper
146 100
111 43.9 31.9 47.9
148 68.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 0.881 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion: 75 Resp: 1200
Ion Ratio Lower Upper
75 100
155 80.7 71.7 107.5
157 96.1 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 0.759 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

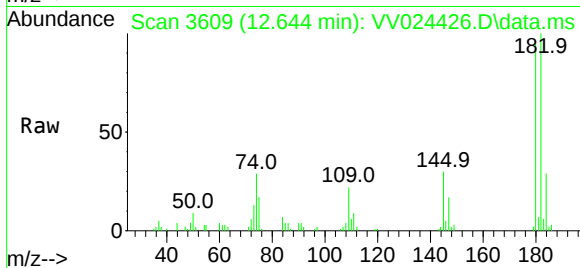
Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 17656

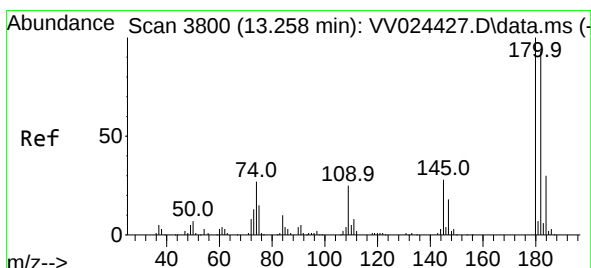
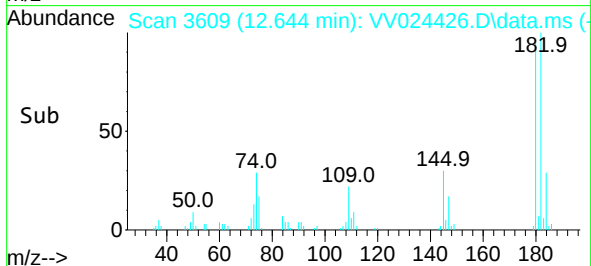
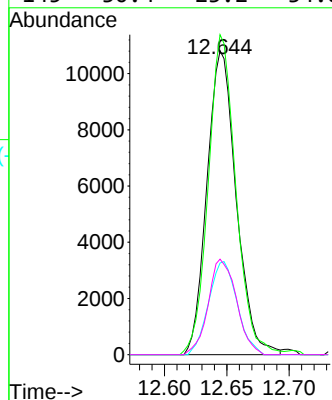
Ion Ratio Lower Upper

180 100

182 99.3 76.4 114.6

184 29.9 24.2 36.4

145 30.4 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 0.704 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.003 min

Lab File: VV024426.D

Acq: 26 Jan 2022 10:20

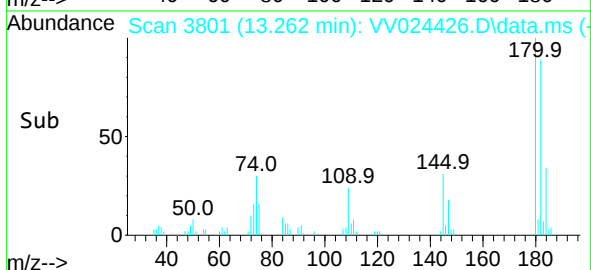
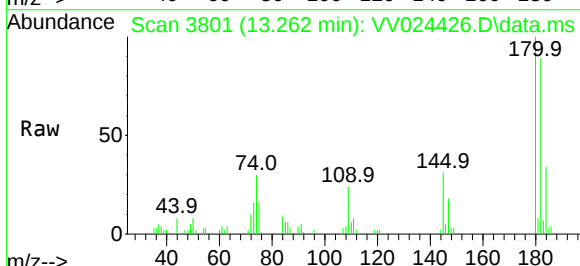
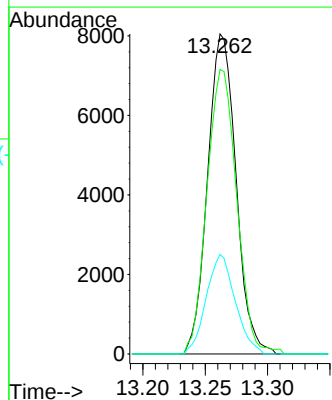
Tgt Ion:180 Resp: 12767

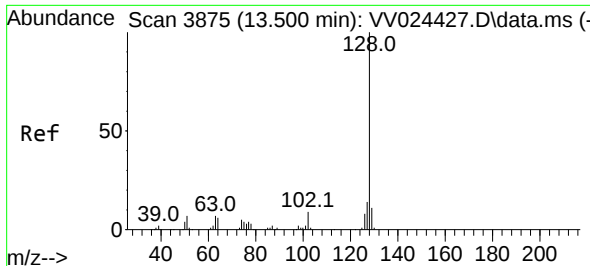
Ion Ratio Lower Upper

180 100

182 93.2 74.4 111.6

145 31.7 23.3 34.9

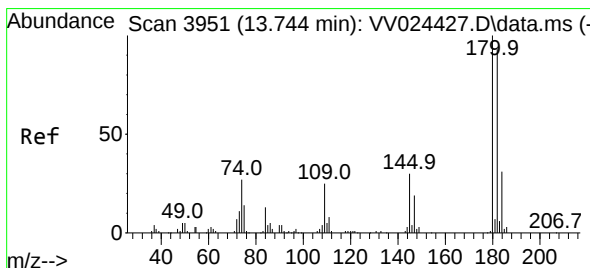
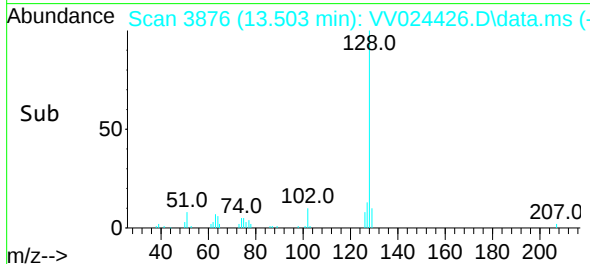
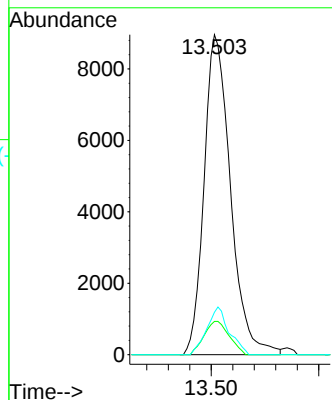
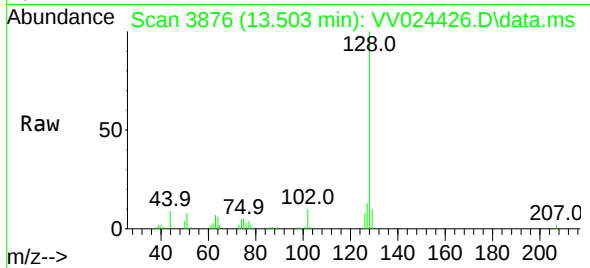




#71
Naphthalene
Concen: 0.597 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	15295
Ion Ratio	Lower	Upper
128	100	
129	9.9	9.0 13.4
127	12.6	10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.663 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024426.D
Acq: 26 Jan 2022 10:20

Tgt Ion:180	Resp:	10536
Ion Ratio	Lower	Upper
180	100	
182	97.0	76.8 115.2
145	32.6	25.8 38.6

