

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024026.D
 Acq On : 16 Dec 2021 20:26
 Operator : SY/MD
 Sample : M5113-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 17 02:03:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	97484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60555	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	23409	4.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.568	69	20098	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	53867	5.266	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	3.895	46	57793	56.446	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.900%
24) Chloroform-d	4.349	84	57889	4.877	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.034	65	27594	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.053	84	100643	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.072	67	29506	4.869	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.317	98	102296	5.657	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.200%
43) trans-1,3-Dichloroprop...	7.625	79	12525	4.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.600%
46) 2-Hexanone-d5	8.088	63	47883	42.545	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22627	4.501	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	39713	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	42882	5.054	ug/L	100
3) Chloromethane	1.240	50	36378	5.018	ug/L	96
5) Vinyl chloride	1.310	62	40546	5.156	ug/L	99
6) Bromomethane	1.519	94	24551	4.913	ug/L	100
8) Chloroethane	1.584	64	26186	5.118	ug/L	98
9) Trichlorofluoromethane	1.751	101	72772	5.326	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	38653	5.371	ug/L	99
12) 1,1-Dichloroethene	2.117	96	34764	5.315	ug/L	95
13) Acetone	2.185	43	59394	72.508	ug/L	77
14) Carbon disulfide	2.294	76	87154	4.594	ug/L	99
15) Methyl Acetate	2.439	43	12406	6.248	ug/L	100
16) Methylene chloride	2.506	84	38769	4.531	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	84319	5.701	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	37934	5.239	ug/L	96
19) 1,1-Dichloroethane	3.188	63	70714	5.442	ug/L	99
21) 2-Butanone	3.979	43	79208	67.677	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	42968	5.607	ug/L	99
23) Bromochloromethane	4.249	128	20381	5.852	ug/L	# 90
25) Chloroform	4.378	83	80325	5.561	ug/L	97

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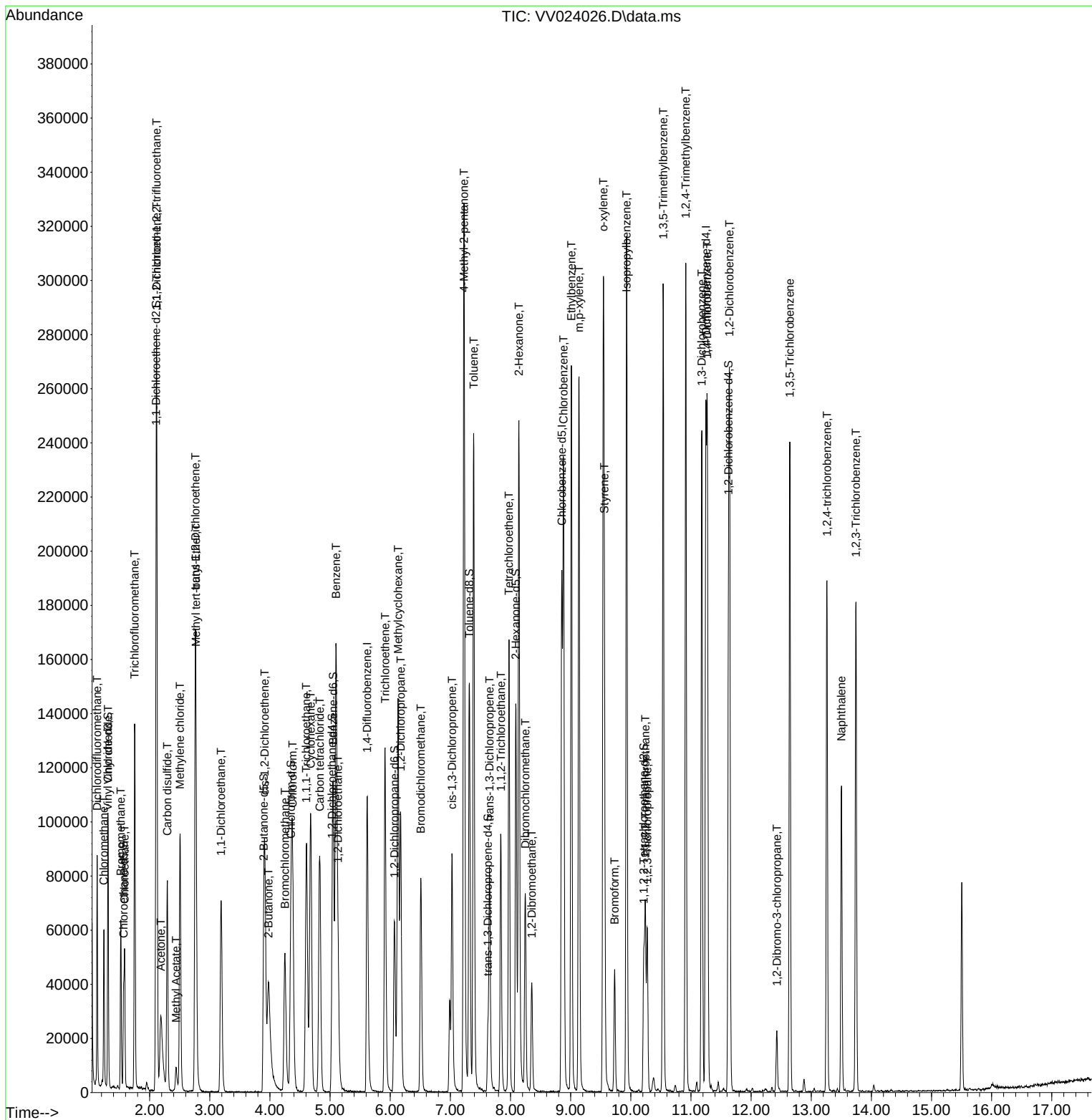
Instrument :
 MSVOA_V
 ClientSampleId :

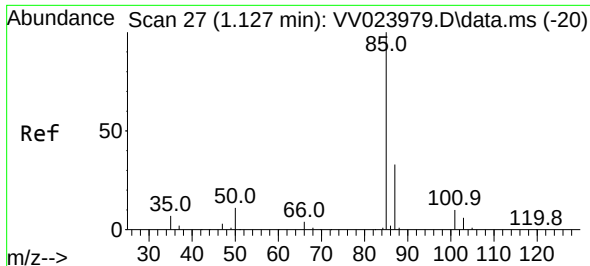
Quant Time: Dec 17 02:03:57 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	45791	5.851	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	74494	5.614	ug/L	100
30) Cyclohexane	4.677	56	52876	5.025	ug/L	98
31) Carbon tetrachloride	4.828	117	66006	5.292	ug/L	98
33) Benzene	5.098	78	165467	5.767	ug/L	100
34) Trichloroethene	5.915	95	42888	5.300	ug/L	97
35) Methylcyclohexane	6.130	83	57257	4.807	ug/L	98
37) 1,2-Dichloropropane	6.175	63	38360	5.625	ug/L	100
38) Bromodichloromethane	6.509	83	53743	5.564	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	51504	5.088	ug/L	95
40) 4-Methyl-2-pentanone	7.226	43	207026	63.202	ug/L	98
42) Toluene	7.387	91	179185	5.549	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	46332	5.295	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	29209	5.790	ug/L	97
47) Tetrachloroethene	7.976	164	36710	5.153	ug/L	95
48) 2-Hexanone	8.140	43	149952	63.134	ug/L	98
49) Dibromochloromethane	8.246	129	38046	5.543	ug/L	99
50) 1,2-Dibromoethane	8.352	107	26472	5.652	ug/L	92
51) Chlorobenzene	8.882	112	124911	5.788	ug/L	98
52) Ethylbenzene	9.011	91	183264	5.379	ug/L	99
53) m,p-xylene	9.140	106	73927	5.487	ug/L	97
54) o-xylene	9.545	106	69895	5.364	ug/L	99
55) Styrene	9.561	104	71334	3.289	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	31947	5.783	ug/L	97
59) Bromoform	9.731	173	19835	5.104	ug/L	99
60) Isopropylbenzene	9.931	105	196187	5.518	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	23109	5.602	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	155518	5.273	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	162876	5.543	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	100046	5.502	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	98734	5.406	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	92273	5.539	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	5271	5.850	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	74950	5.012	ug/L	100
70) 1,2,4-trichlorobenzene	13.262	180	58094	4.946	ug/L	96
71) Naphthalene	13.503	128	88921	5.267	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	54991	5.303	ug/L	99

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

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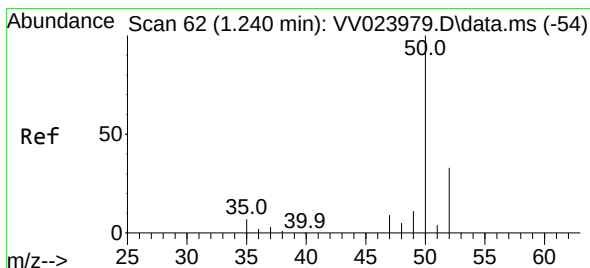
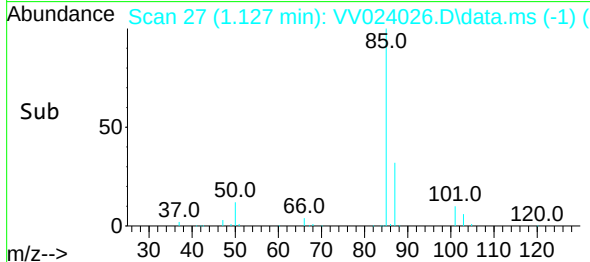
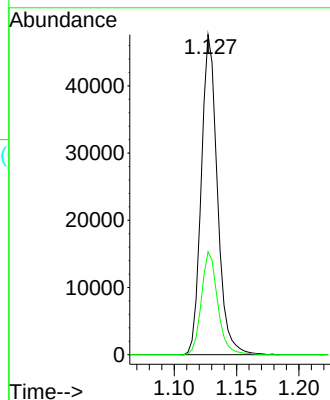
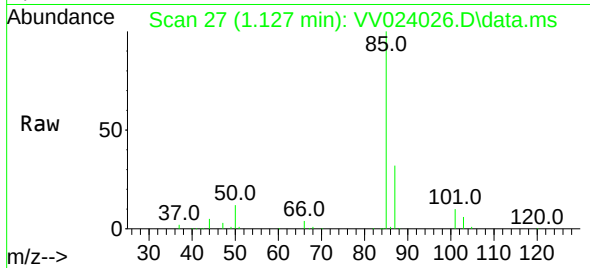




#2
 Dichlorodifluoromethane
 Concen: 5.054 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

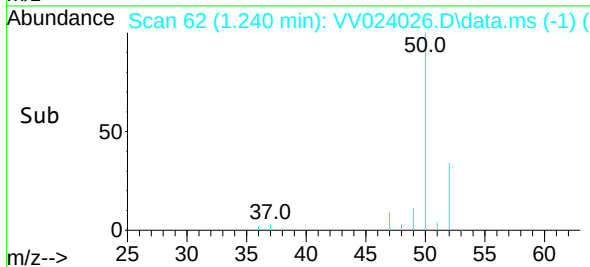
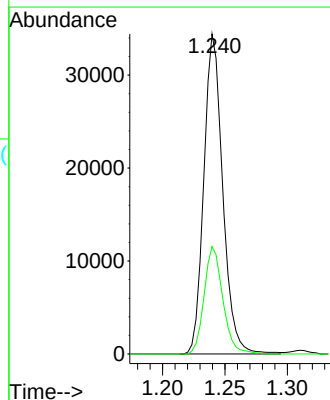
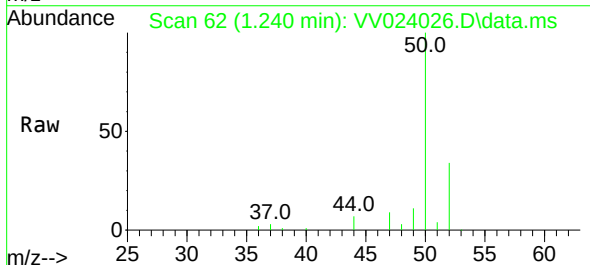
Instrument :
 MSVOA_V
 ClientSampleId :

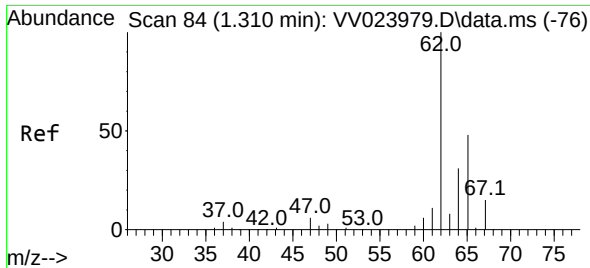
Tgt Ion: 85 Resp: 42882
 Ion Ratio Lower Upper
 85 100
 87 32.5 26.0 39.0



#3
 Chloromethane
 Concen: 5.018 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

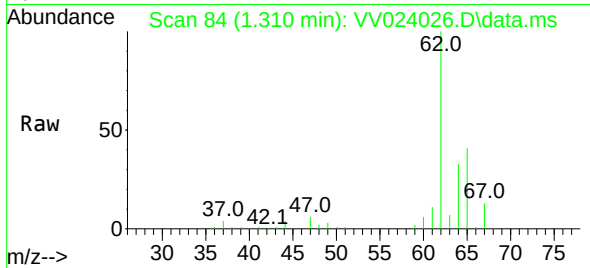
Tgt Ion: 50 Resp: 36378
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.0 41.0



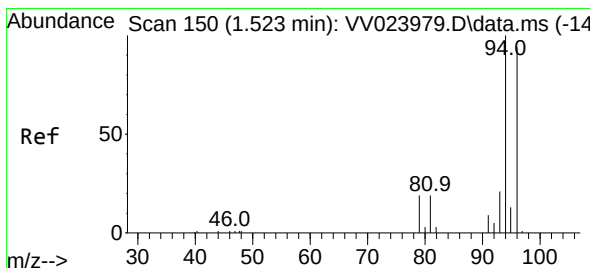
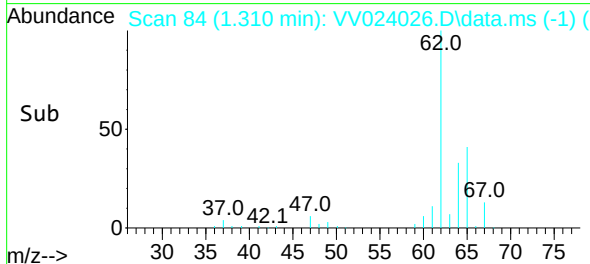
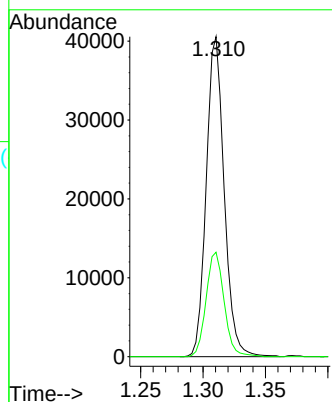


#5
 Vinyl chloride
 Concen: 5.156 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Instrument :
 MSVOA_V
 ClientSampleId :

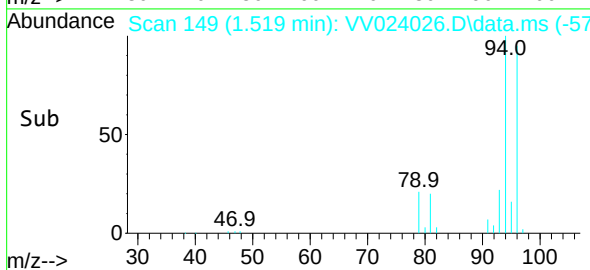
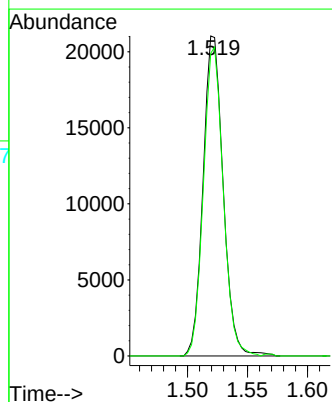
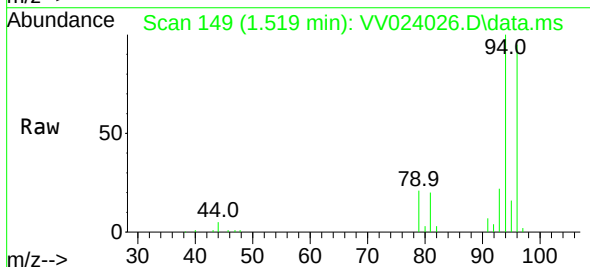


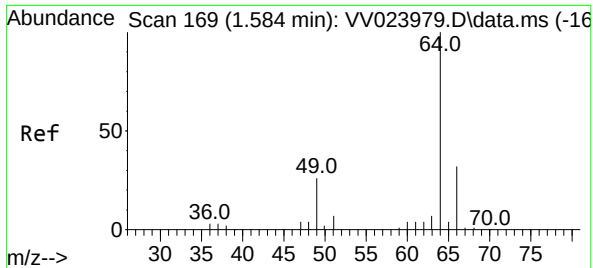
Tgt Ion: 62 Resp: 40546
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.4 41.6



#6
 Bromomethane
 Concen: 4.913 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Tgt Ion: 94 Resp: 24551
 Ion Ratio Lower Upper
 94 100
 96 94.6 66.2 123.0

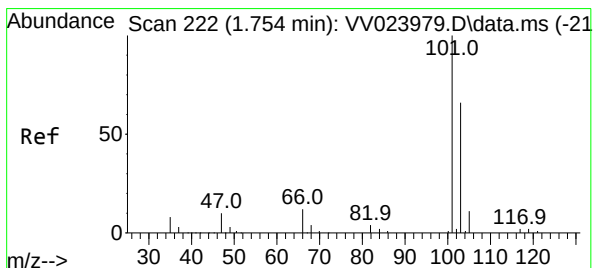
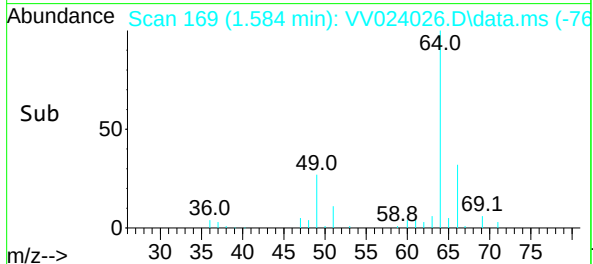
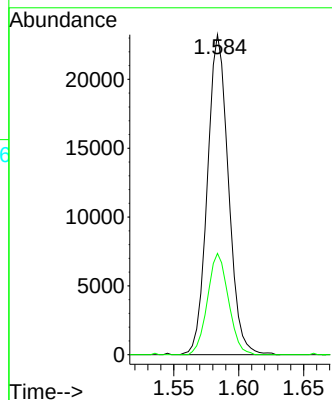
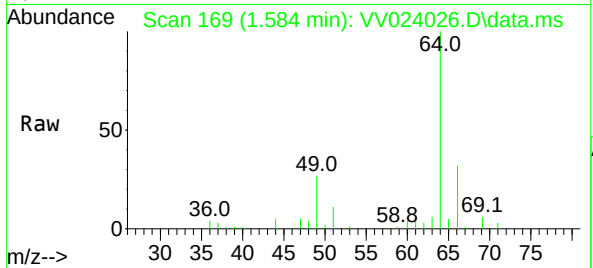




#8
Chloroethane
Concen: 5.118 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

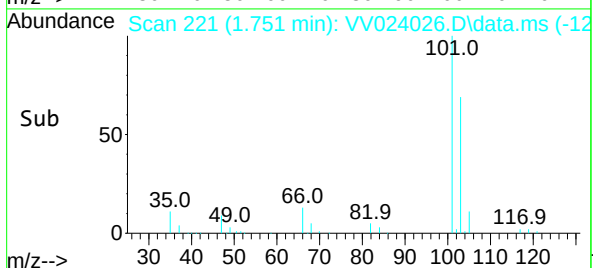
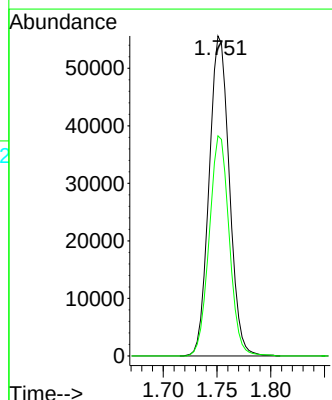
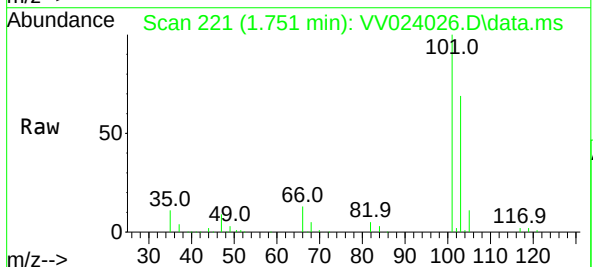
Instrument :
MSVOA_V
ClientSampleId :

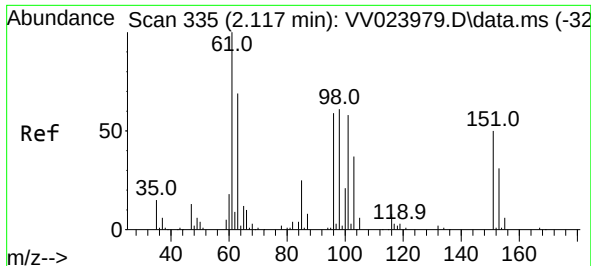
Tgt Ion: 64 Resp: 26186
Ion Ratio Lower Upper
64 100
66 31.7 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.326 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion:101 Resp: 72772
Ion Ratio Lower Upper
101 100
103 68.0 51.6 77.4





#10

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

Concen: 5.371 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

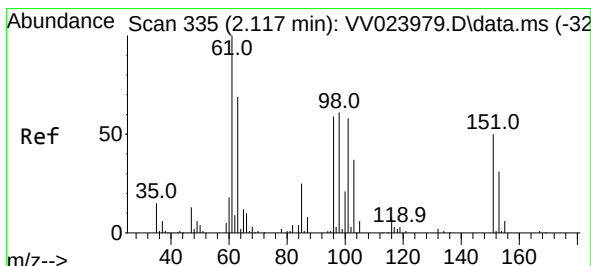
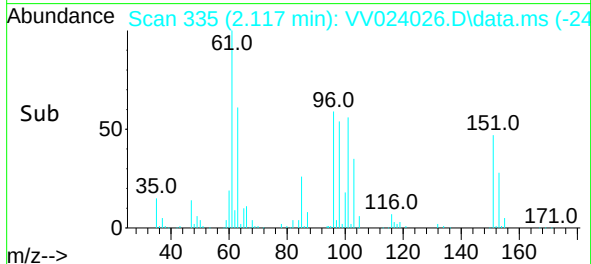
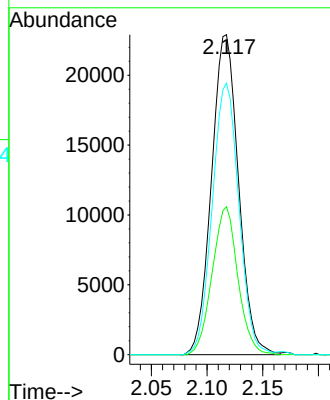
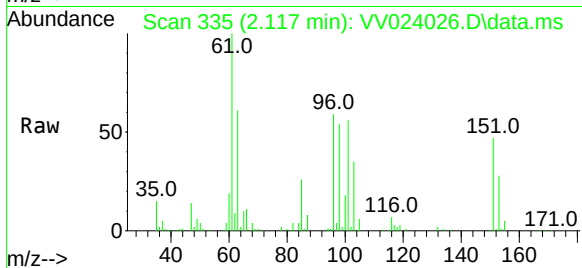
Tgt Ion:101 Resp: 38653

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

151 83.6 66.4 99.6



#12

1,1-Dichloroethene

Concen: 5.315 ug/L

RT: 2.117 min Scan# 335

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

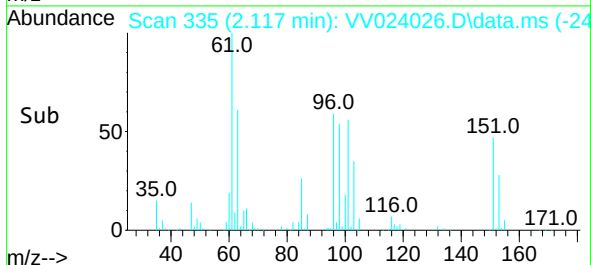
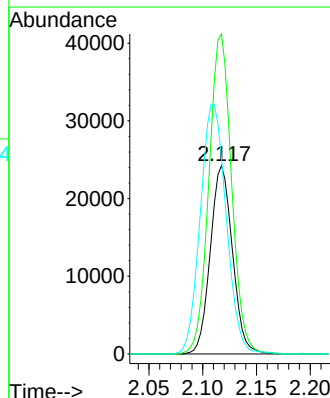
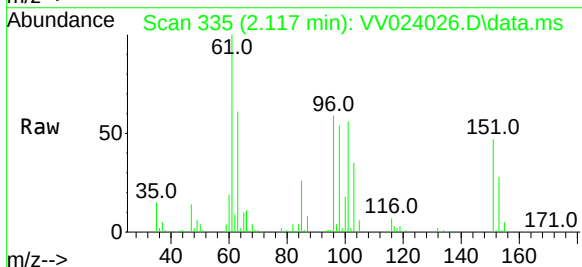
Tgt Ion: 96 Resp: 34764

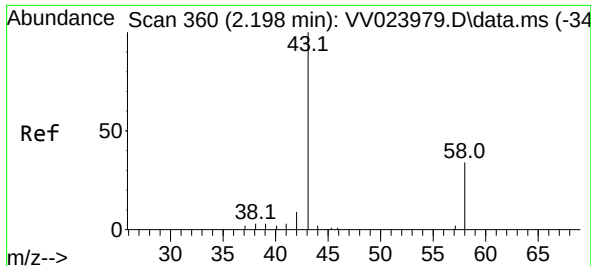
Ion Ratio Lower Upper

96 100

61 169.9 116.1 215.5

63 104.1 79.4 147.4





#13

Acetone

Concen: 72.508 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

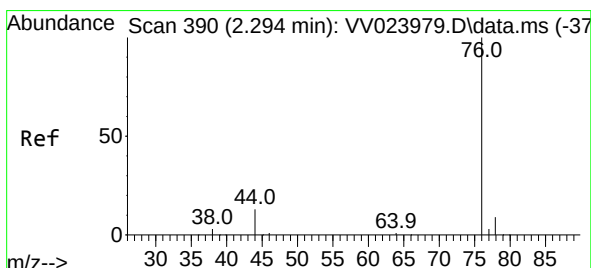
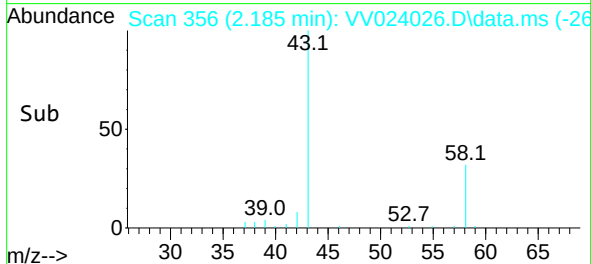
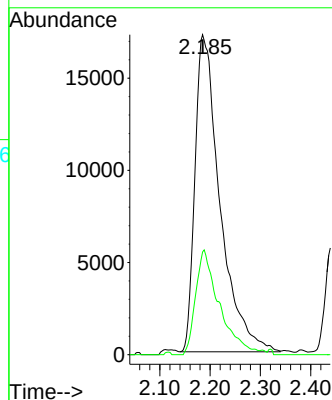
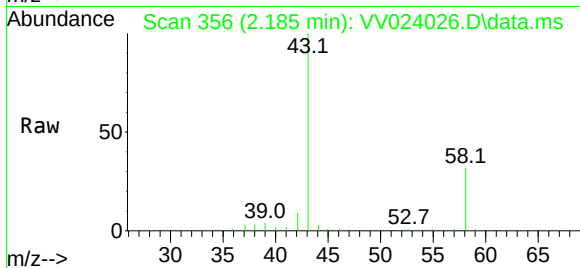
ClientSampleId :

Tgt Ion: 43 Resp: 59394

Ion Ratio Lower Upper

43 100

58 31.4 0.0 41.4



#14

Carbon disulfide

Concen: 4.594 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV024026.D

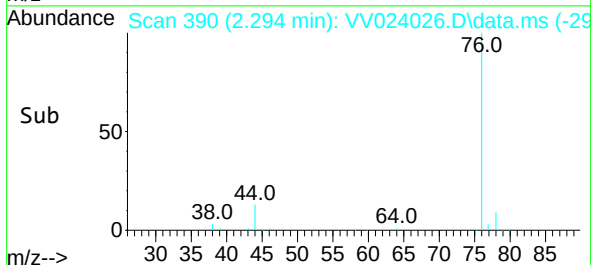
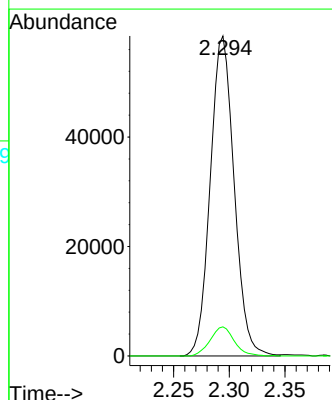
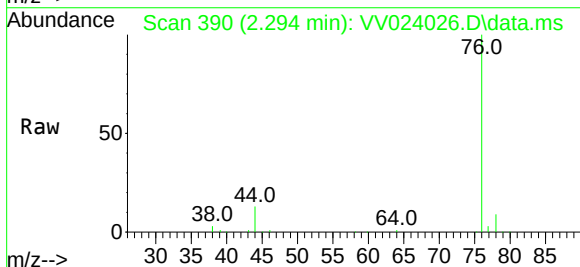
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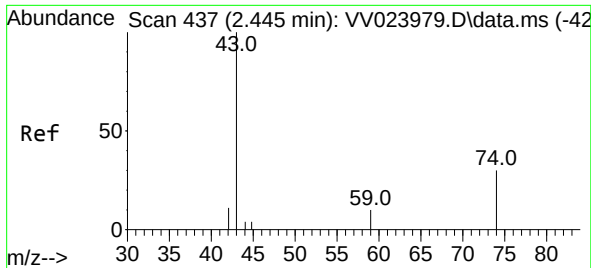
Tgt Ion: 76 Resp: 87154

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 6.248 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.007 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

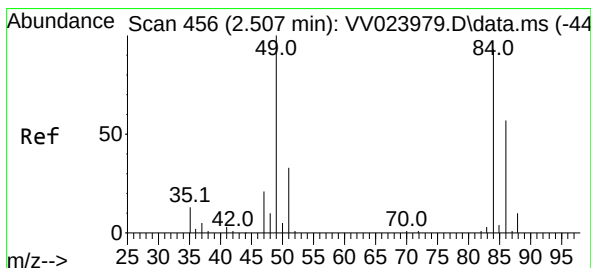
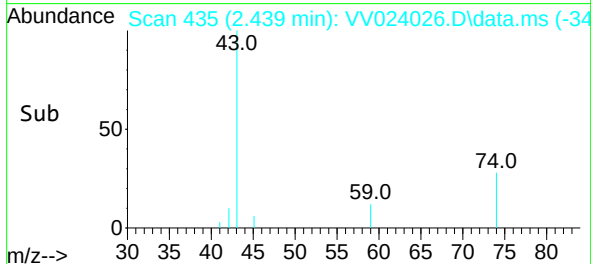
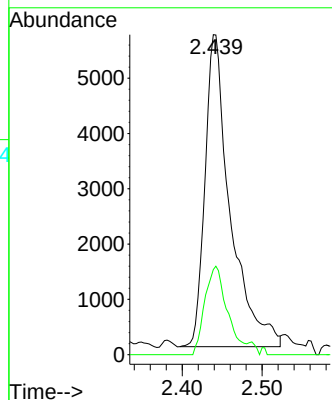
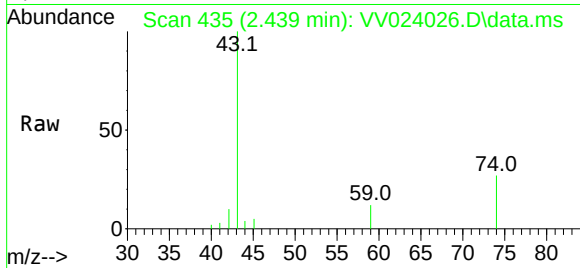
ClientSampleId :

Tgt Ion: 43 Resp: 12406

Ion Ratio Lower Upper

43 100

74 25.1 20.2 30.2



#16

Methylene chloride

Concen: 4.531 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

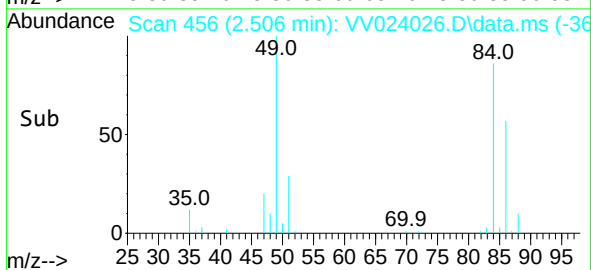
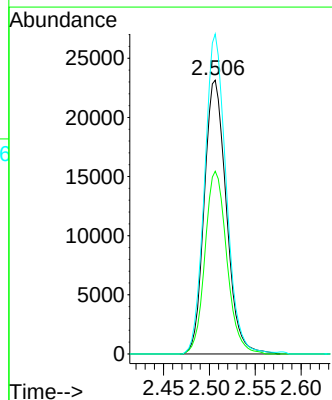
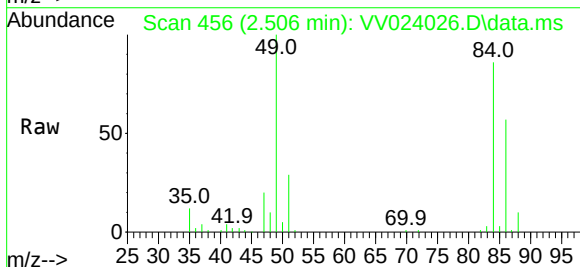
Tgt Ion: 84 Resp: 38769

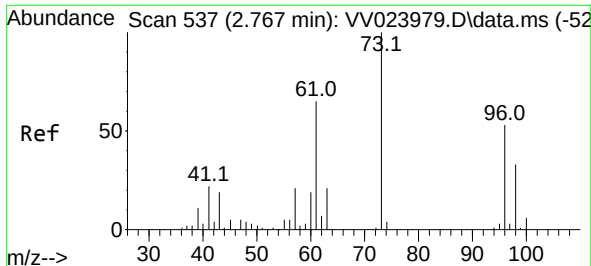
Ion Ratio Lower Upper

84 100

86 66.7 42.6 79.0

49 116.9 79.7 147.9

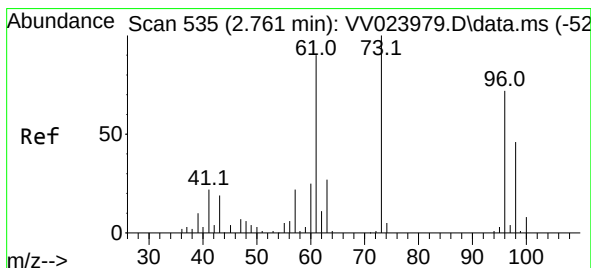
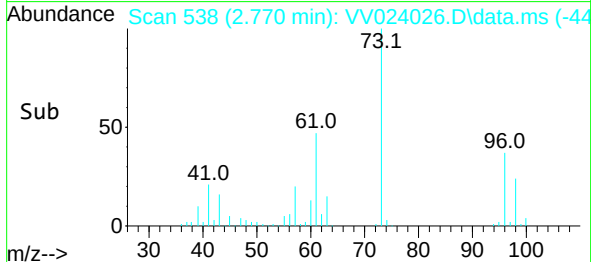
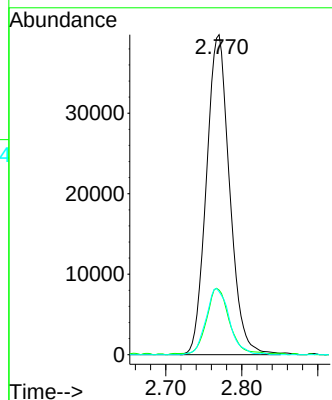
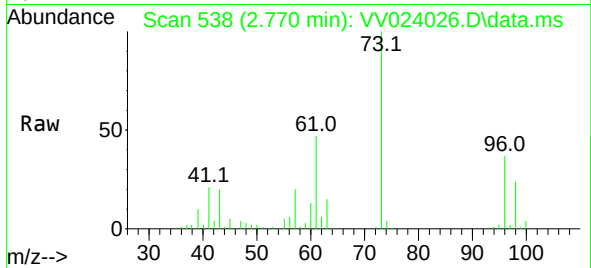




#17
Methyl tert-butyl Ether
Concen: 5.701 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

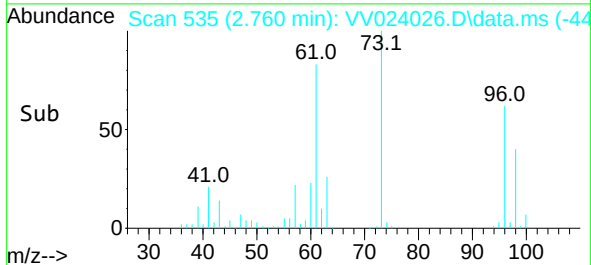
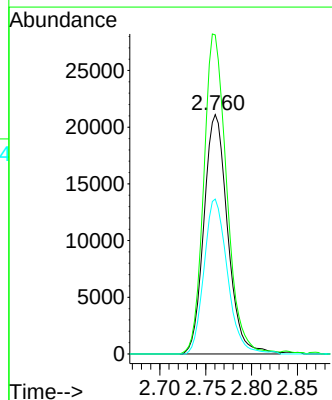
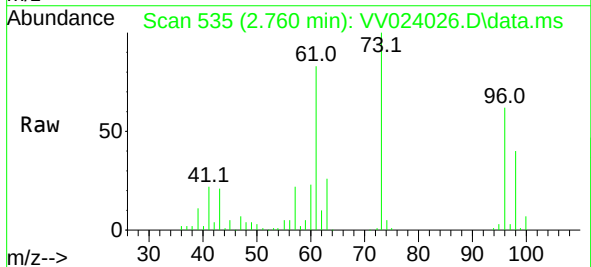
Instrument :
MSVOA_V
ClientSampleId :

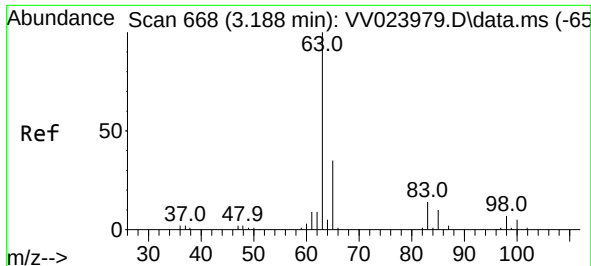
Tgt Ion: 73 Resp: 84319
Ion Ratio Lower Upper
73 100
43 20.8 15.5 23.3
57 20.7 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.239 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 96 Resp: 37934
Ion Ratio Lower Upper
96 100
61 133.3 88.2 163.8
98 64.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.442 ug/L

RT: 3.188 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

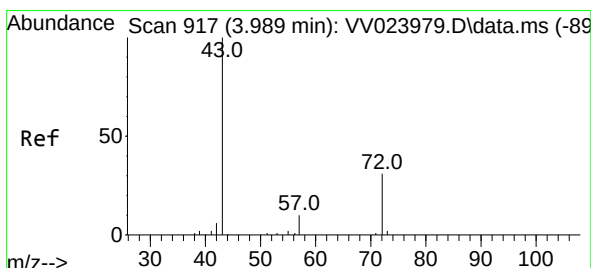
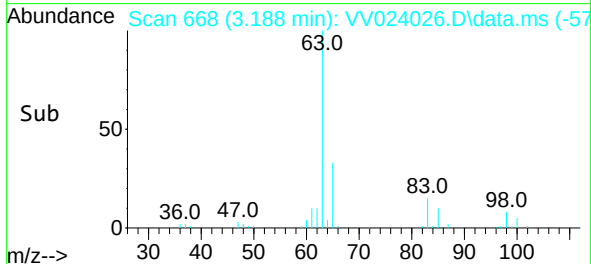
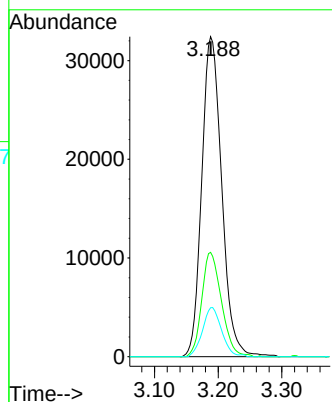
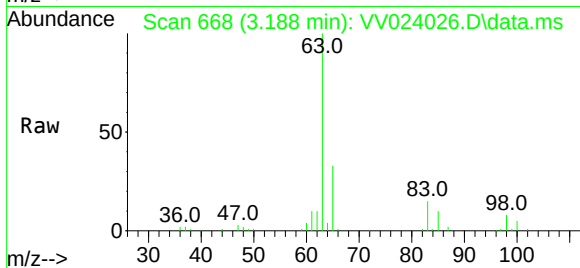
Tgt Ion: 63 Resp: 70714

Ion Ratio Lower Upper

63 100

65 32.6 22.3 41.3

83 15.3 10.7 19.9



#21

2-Butanone

Concen: 67.677 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.010 min

Lab File: VV024026.D

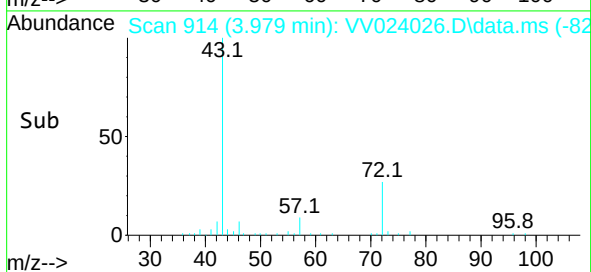
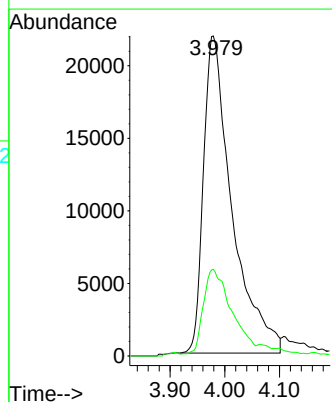
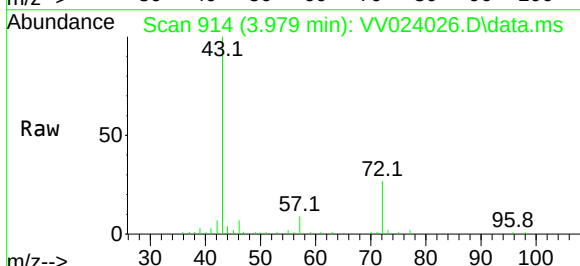
Acq: 16 Dec 2021 20:26

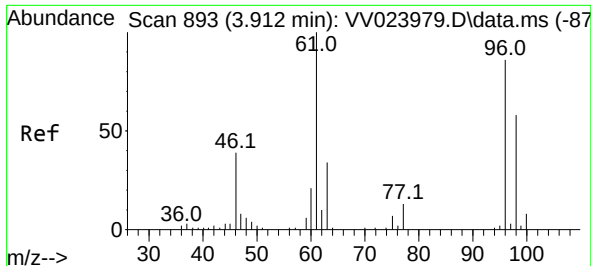
Tgt Ion: 43 Resp: 79208

Ion Ratio Lower Upper

43 100

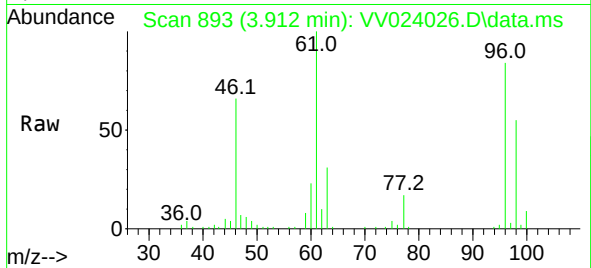
72 26.2 11.1 33.1





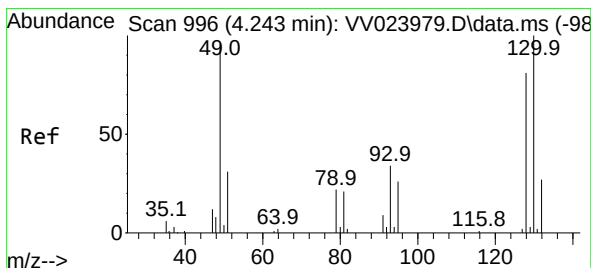
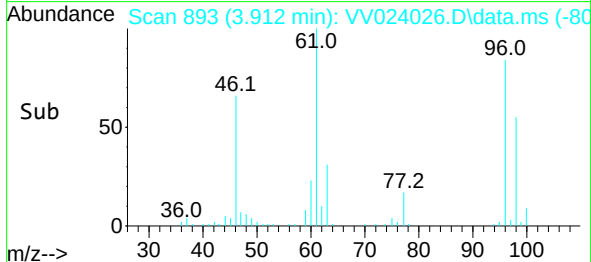
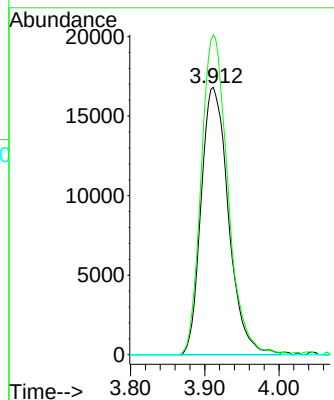
#22
 cis-1,2-Dichloroethene
 Concen: 5.607 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 42968

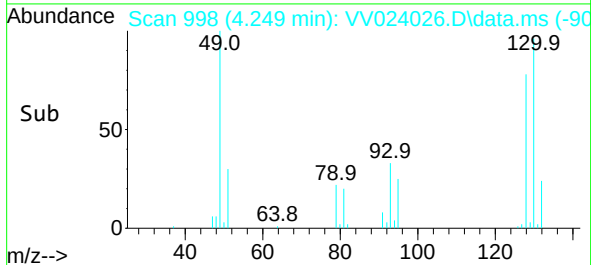
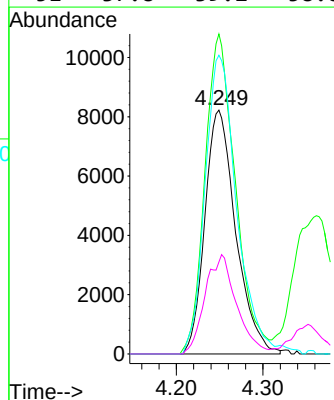
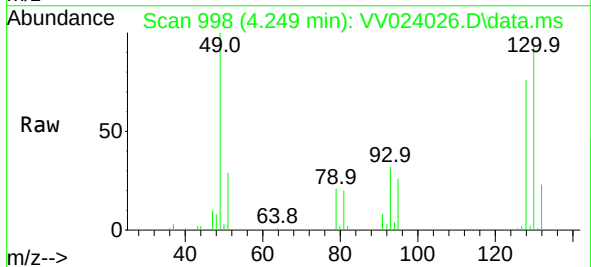
Ion	Ratio	Lower	Upper
96	100		
61	119.7	83.4	154.8
68	0.0	0.0	0.0

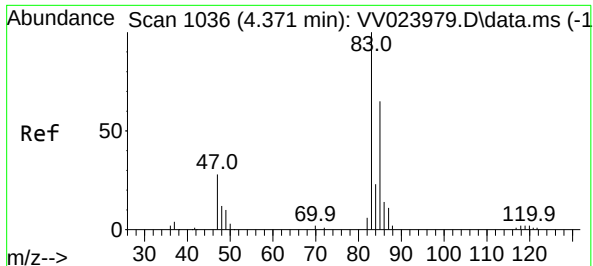


#23
 Bromochloromethane
 Concen: 5.852 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Tgt Ion: 128 Resp: 20381

Ion	Ratio	Lower	Upper
128	100		
49	131.2	100.2	186.2
130	122.5	92.5	171.7
51	37.8	39.2	58.8





#25

Chloroform

Concen: 5.561 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

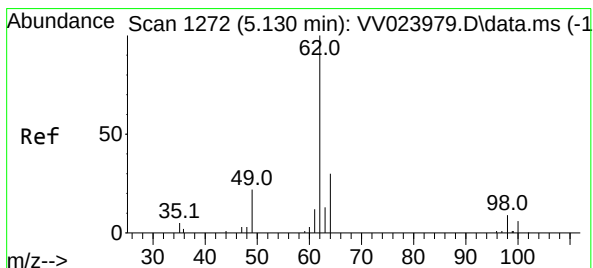
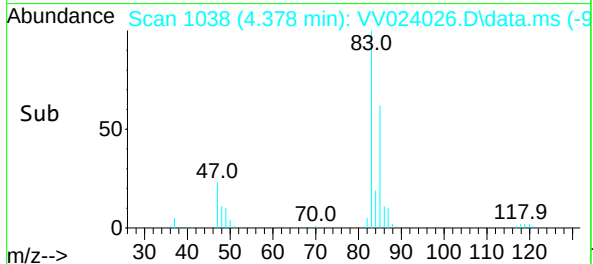
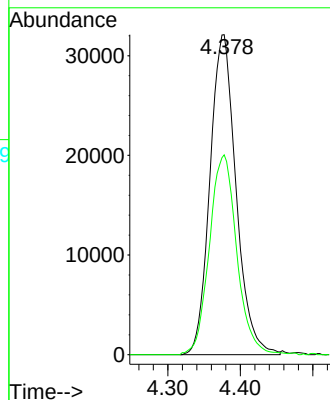
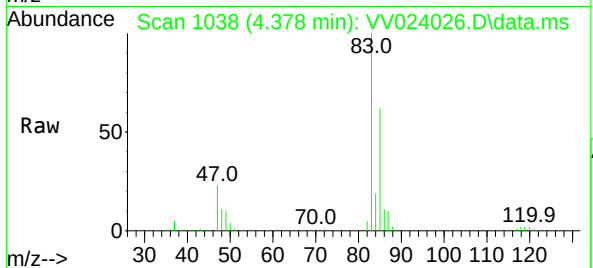
ClientSampleId :

Tgt Ion: 83 Resp: 80325

Ion Ratio Lower Upper

83 100

85 62.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.851 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV024026.D

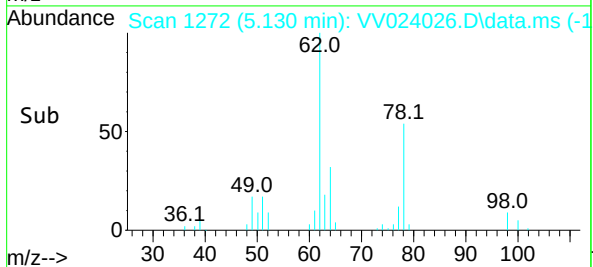
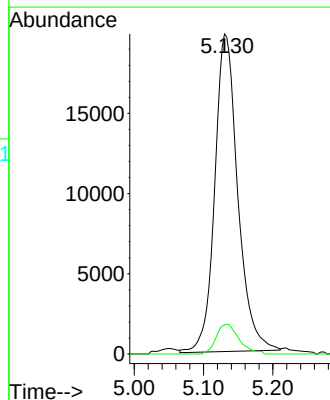
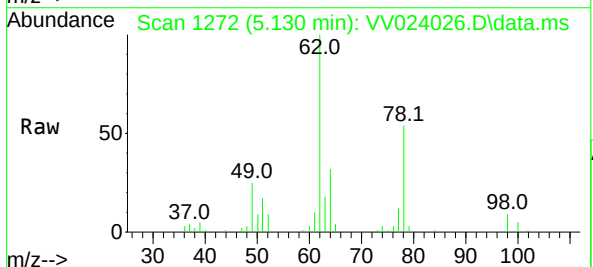
Acq: 16 Dec 2021 20:26

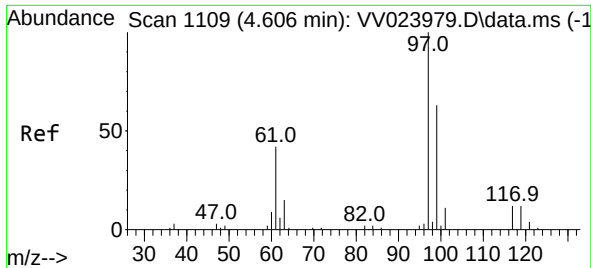
Tgt Ion: 62 Resp: 45791

Ion Ratio Lower Upper

62 100

98 9.1 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.614 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024026.D

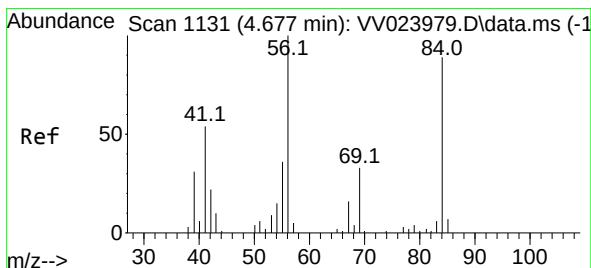
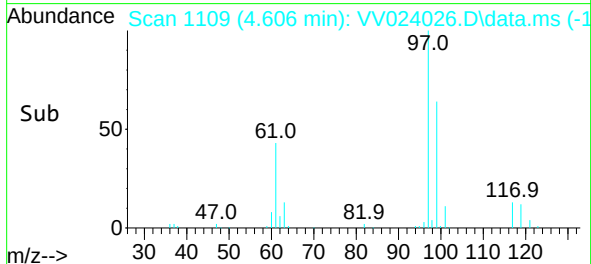
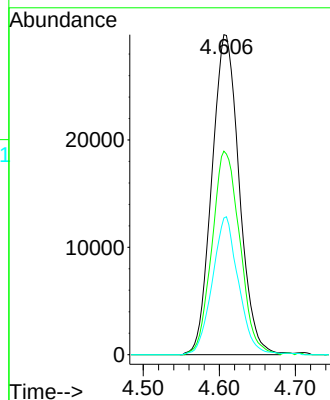
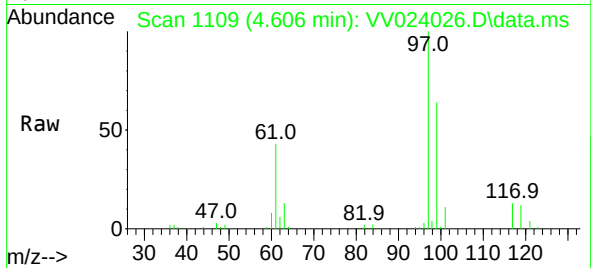
Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97	Resp: 74494
Ion Ratio	Lower Upper
97 100	
99 64.8	51.9 77.9
61 41.1	33.2 49.8



#30

Cyclohexane

Concen: 5.025 ug/L

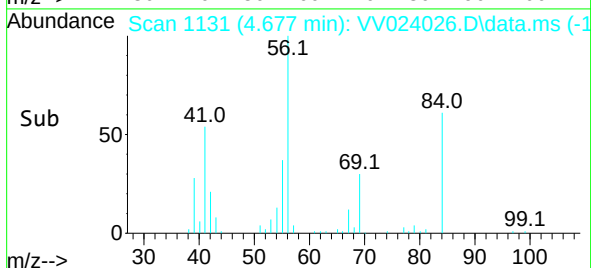
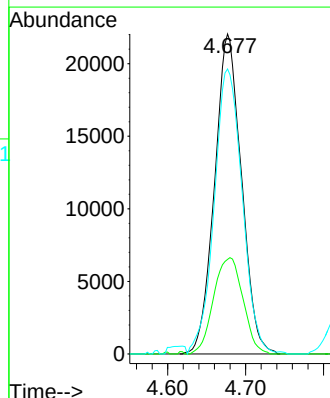
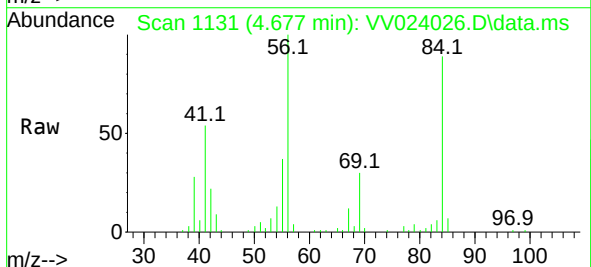
RT: 4.677 min Scan# 1131

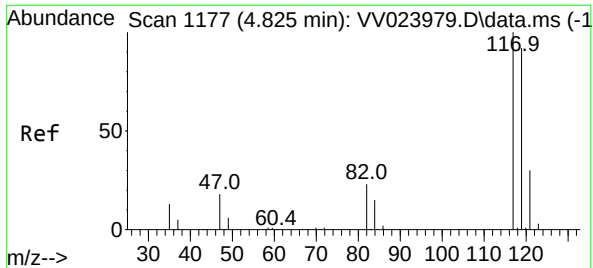
Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

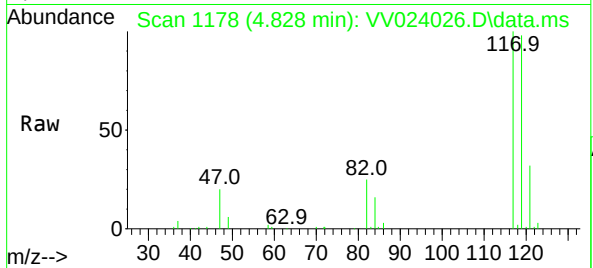
Tgt Ion: 56	Resp: 52876
Ion Ratio	Lower Upper
56 100	
69 32.9	24.8 37.2
84 92.8	75.9 113.9



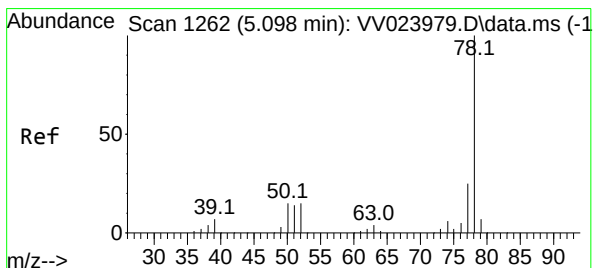
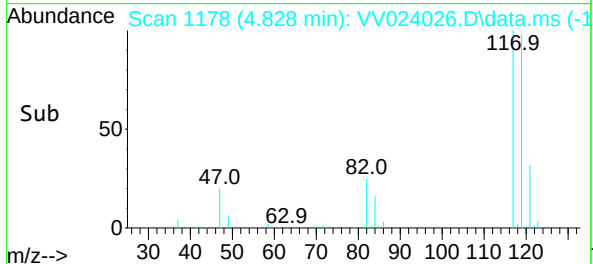
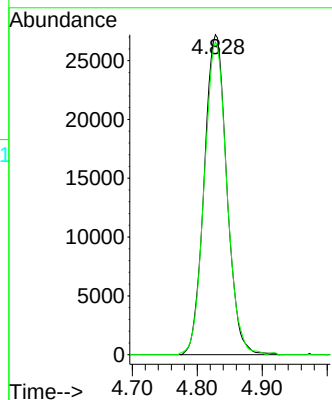


#31
Carbon tetrachloride
Concen: 5.292 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Instrument :
MSVOA_V
ClientSampleId :

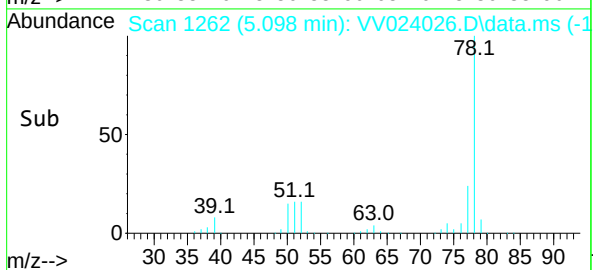
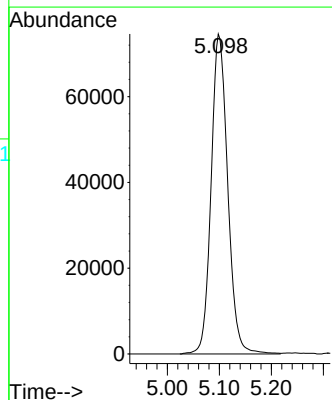
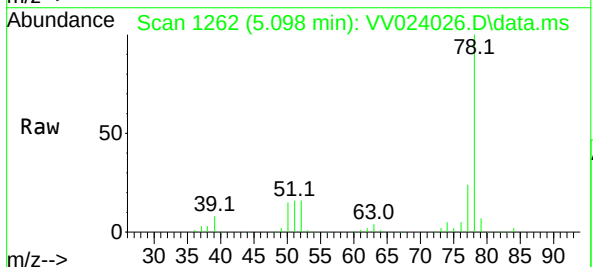


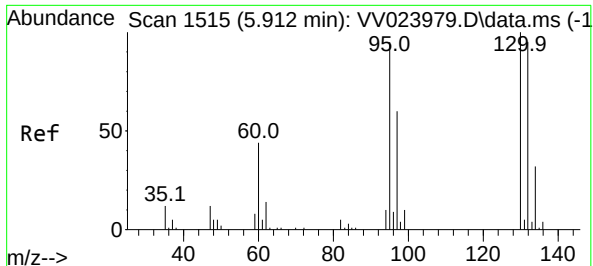
Tgt Ion:117 Resp: 66006
Ion Ratio Lower Upper
117 100
119 97.8 76.6 114.8



#33
Benzene
Concen: 5.767 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 78 Resp: 165467

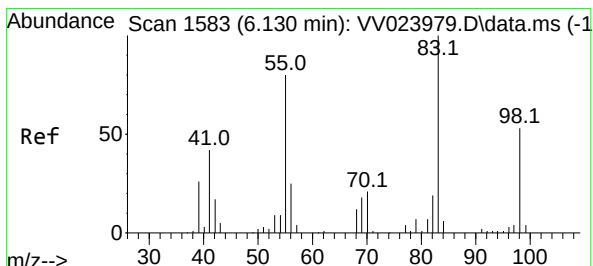
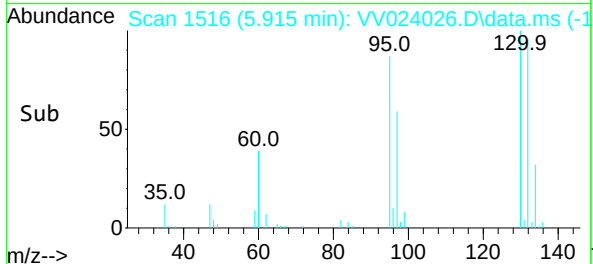
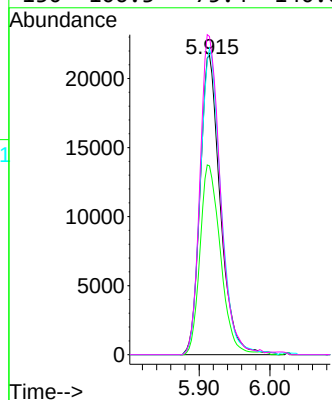
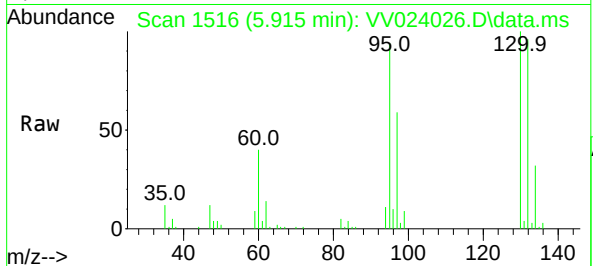




#34
Trichloroethene
Concen: 5.300 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

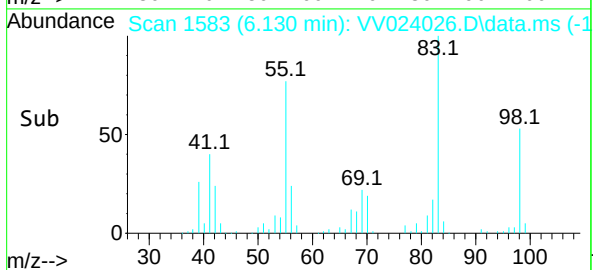
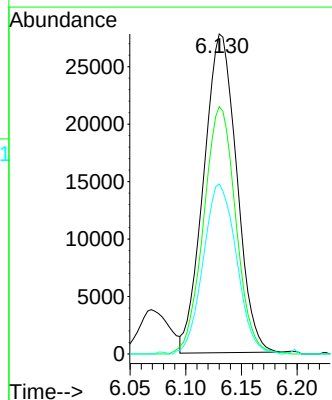
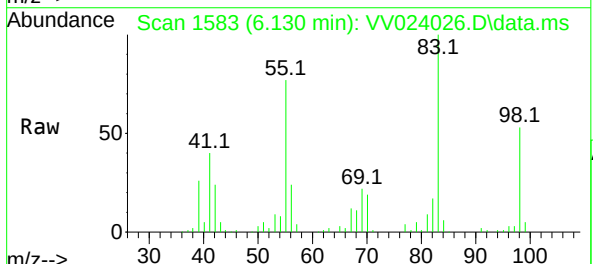
Instrument :
MSVOA_V
ClientSampleId :

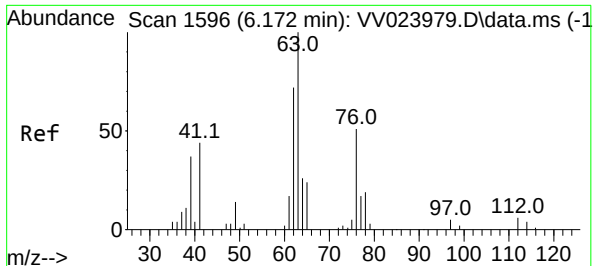
Tgt Ion: 95 Resp: 42888
Ion Ratio Lower Upper
95 100
97 63.1 45.2 84.0
132 102.3 76.1 141.3
130 106.3 75.4 140.0



#35
Methylcyclohexane
Concen: 4.807 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 83 Resp: 57257
Ion Ratio Lower Upper
83 100
55 75.5 60.2 90.2
98 53.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.625 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

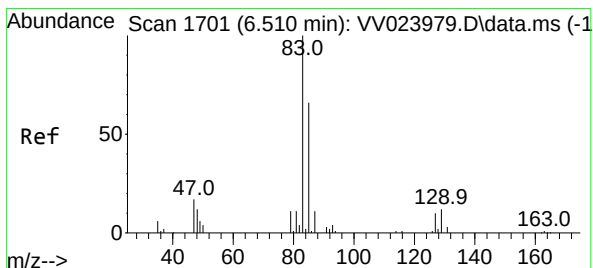
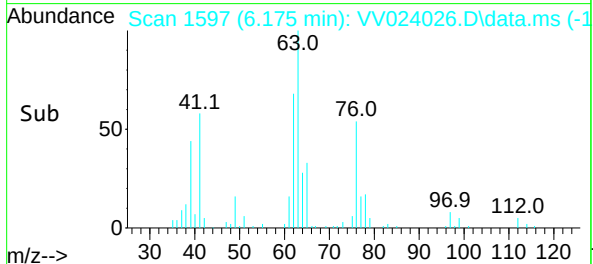
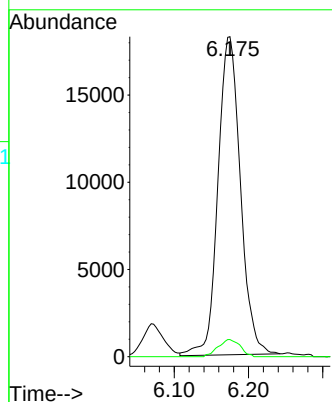
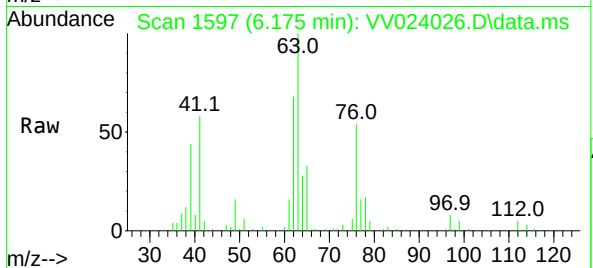
ClientSampleId :

Tgt Ion: 63 Resp: 38360

Ion Ratio Lower Upper

63 100

112 5.3 4.3 6.5



#38

Bromodichloromethane

Concen: 5.564 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

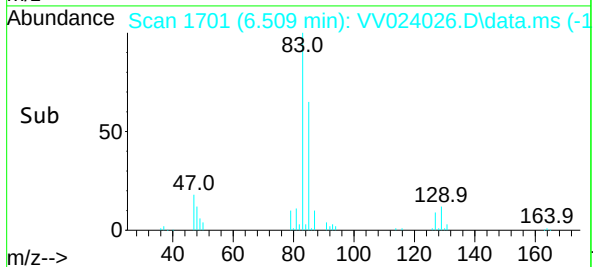
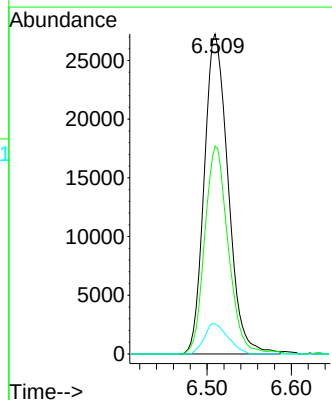
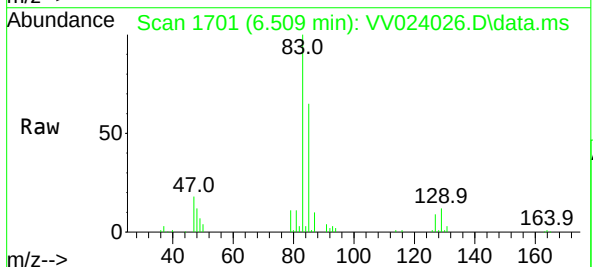
Tgt Ion: 83 Resp: 53743

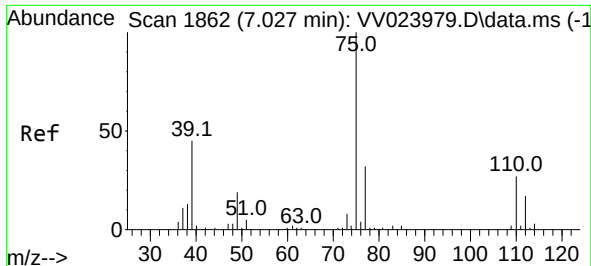
Ion Ratio Lower Upper

83 100

85 65.0 44.0 81.8

127 9.4 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 5.088 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

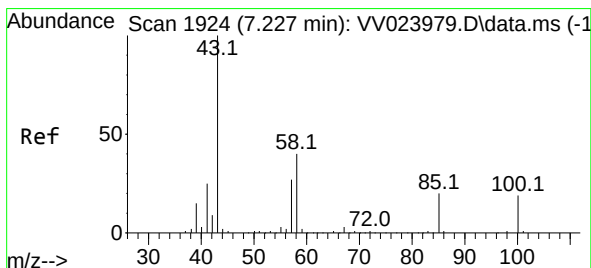
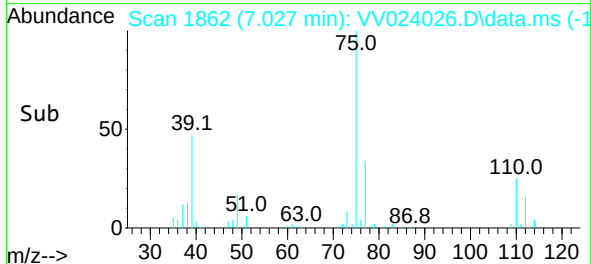
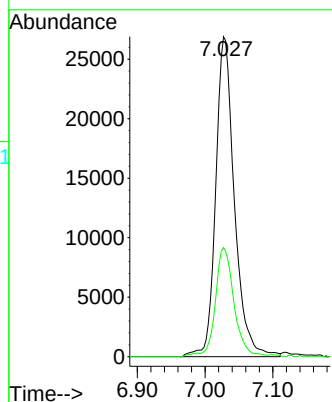
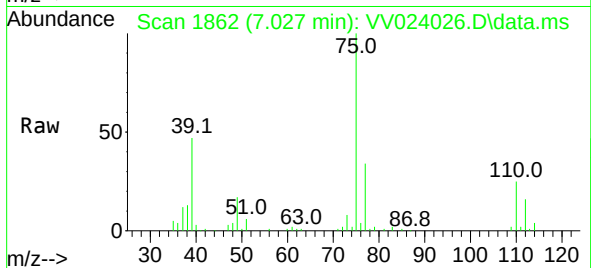
ClientSampleId :

Tgt Ion: 75 Resp: 51504

Ion Ratio Lower Upper

75 100

77 34.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 63.202 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

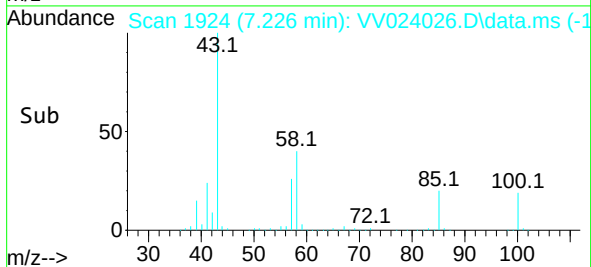
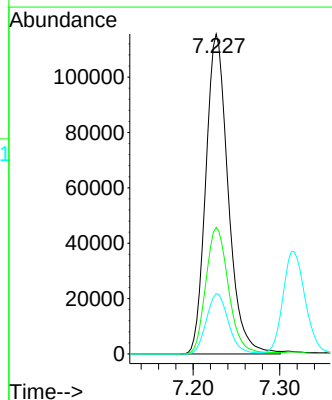
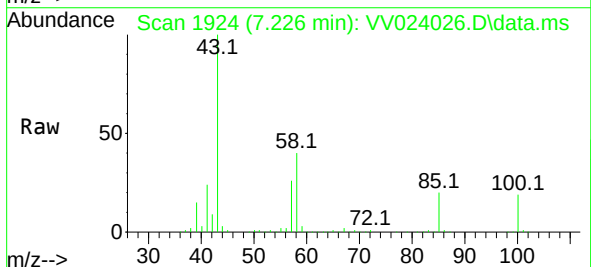
Tgt Ion: 43 Resp: 207026

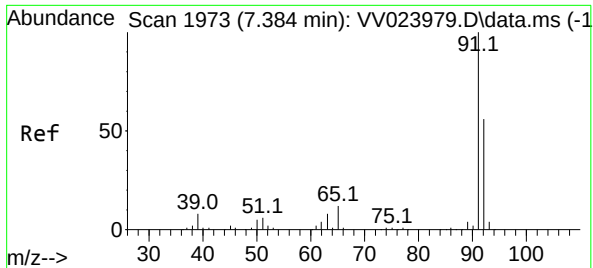
Ion Ratio Lower Upper

43 100

58 40.3 32.3 48.5

100 18.6 13.0 19.6





#42

Toluene

Concen: 5.549 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

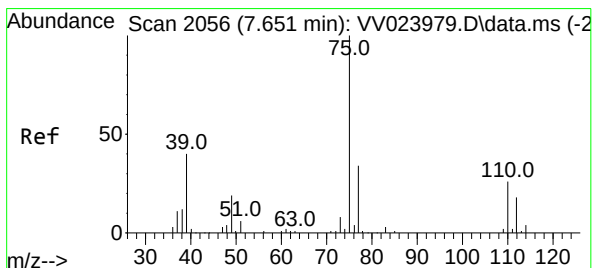
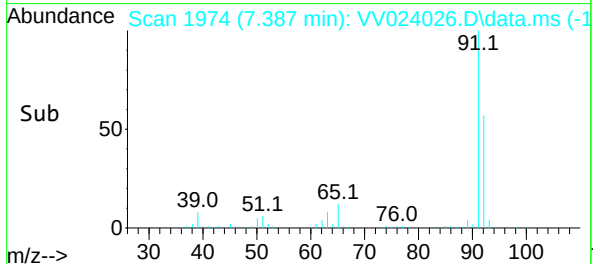
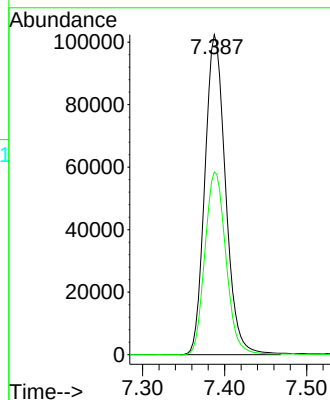
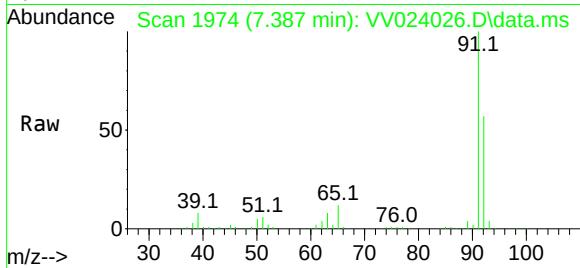
ClientSampleId :

Tgt Ion: 91 Resp: 179185

Ion Ratio Lower Upper

91 100

92 57.1 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 5.295 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV024026.D

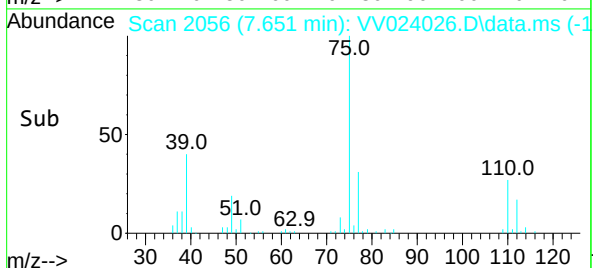
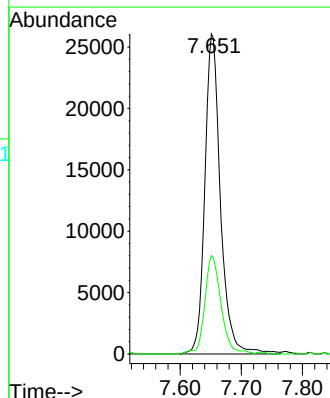
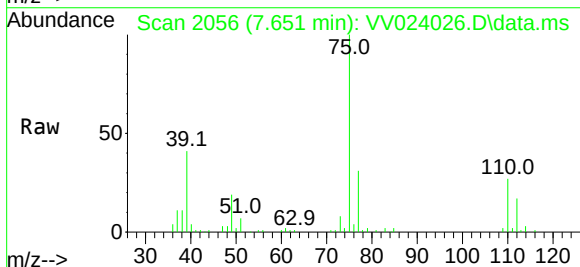
Acq: 16 Dec 2021 20:26

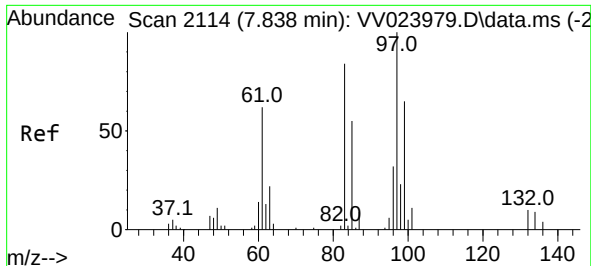
Tgt Ion: 75 Resp: 46332

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.4



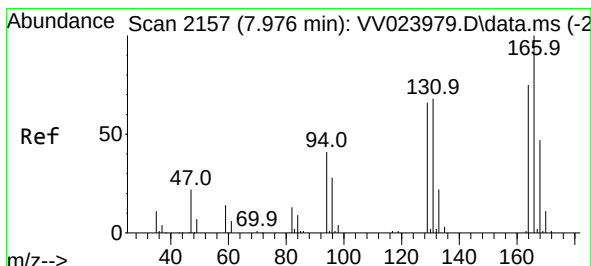
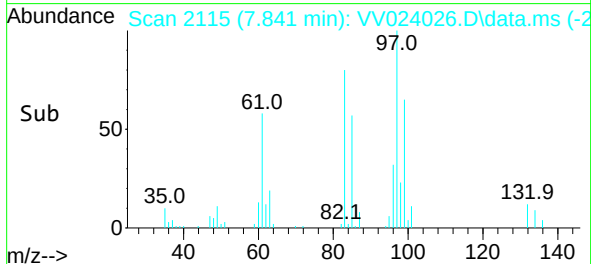
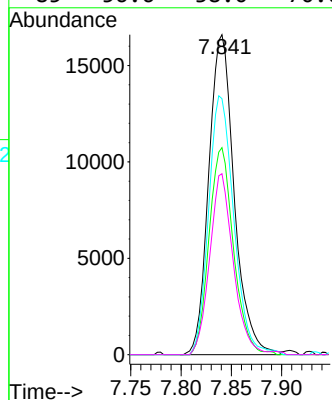
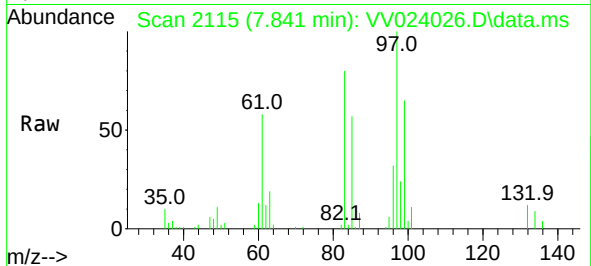


#45
1,1,2-Trichloroethane
Concen: 5.790 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 29209

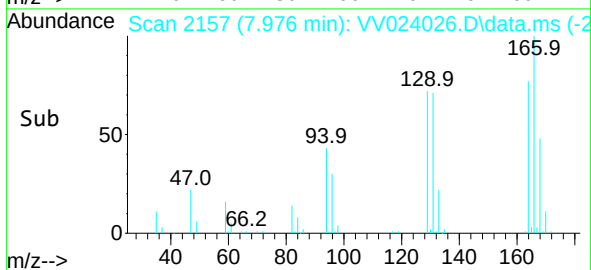
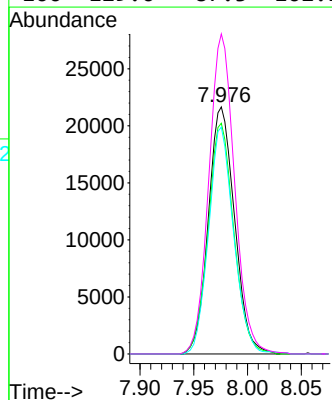
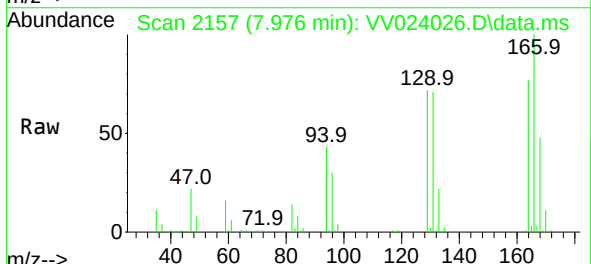
Ion	Ratio	Lower	Upper
97	100		
99	64.7	43.1	80.1
83	80.0	57.9	107.5
85	56.6	38.0	70.6

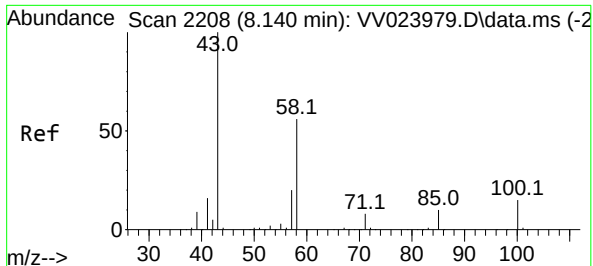


#47
Tetrachloroethene
Concen: 5.153 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 164 Resp: 36710

Ion	Ratio	Lower	Upper
164	100		
129	93.4	62.6	116.2
131	91.9	61.0	113.4
166	129.6	87.3	162.1

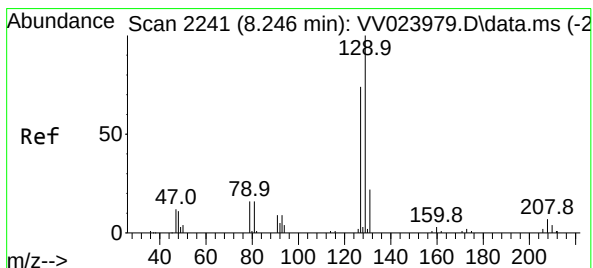
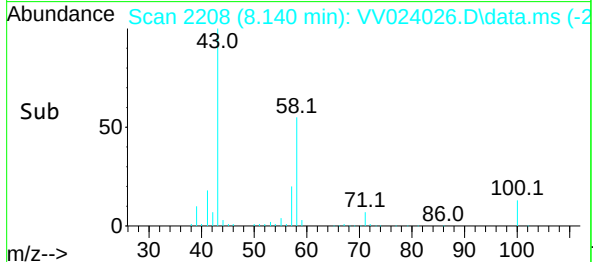
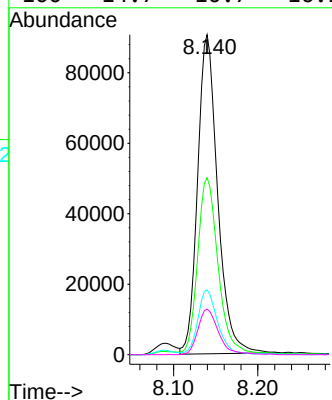
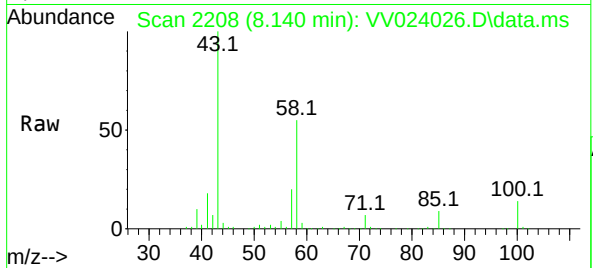




#48
2-Hexanone
Concen: 63.134 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

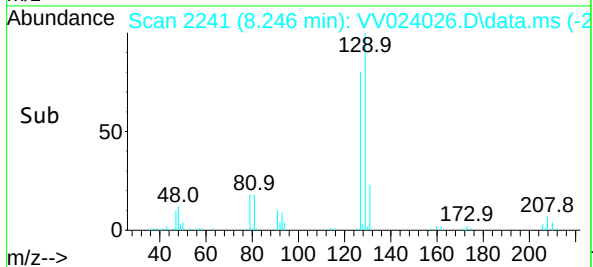
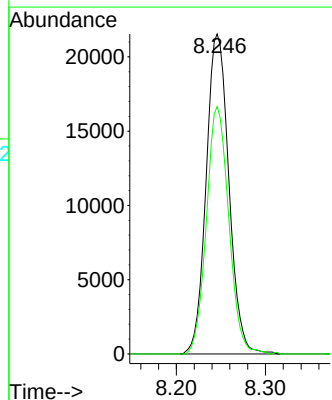
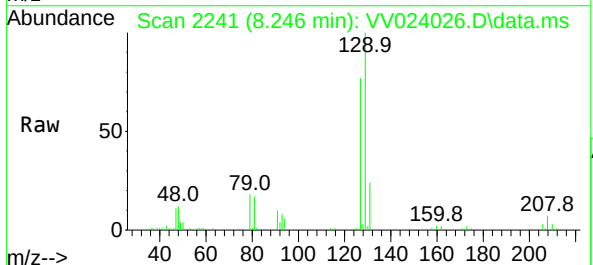
Instrument :
MSVOA_V
ClientSampleId :

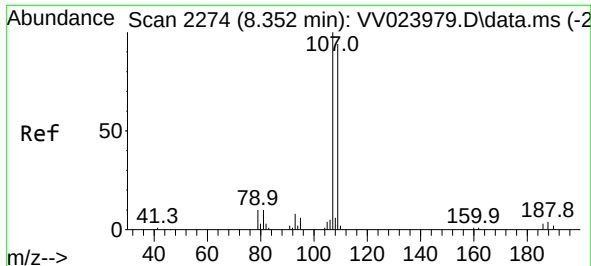
Tgt Ion: 43 Resp: 149952
Ion Ratio Lower Upper
43 100
58 56.5 44.5 66.7
57 19.7 15.1 22.7
100 14.7 10.7 16.1



#49
Dibromochloromethane
Concen: 5.543 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 129 Resp: 38046
Ion Ratio Lower Upper
129 100
127 77.3 53.5 99.3





#50

1,2-Dibromoethane

Concen: 5.652 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024026.D

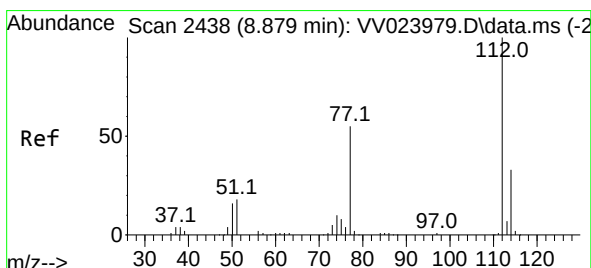
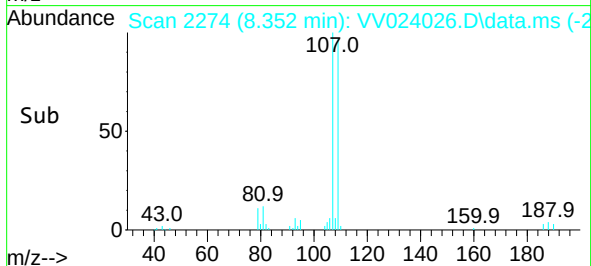
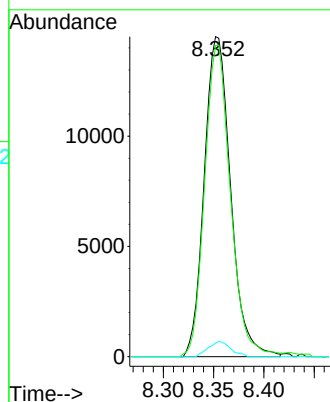
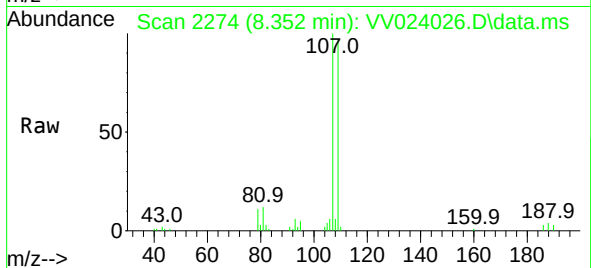
Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	26472
Ion Ratio	Lower	Upper
107	100	
109	97.3	62.5 116.1
188	4.2	3.4 5.2



#51

Chlorobenzene

Concen: 5.788 ug/L

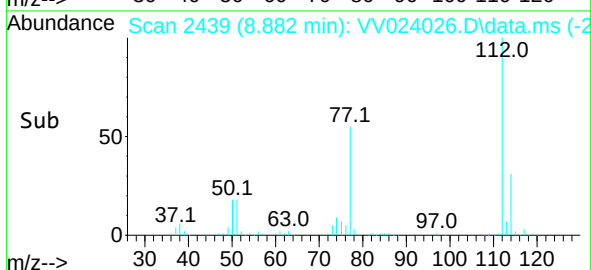
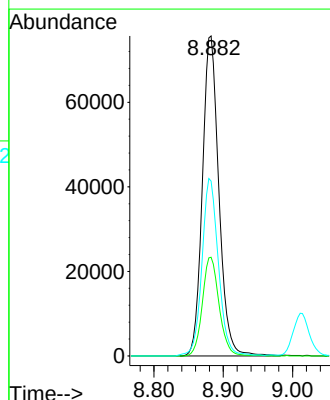
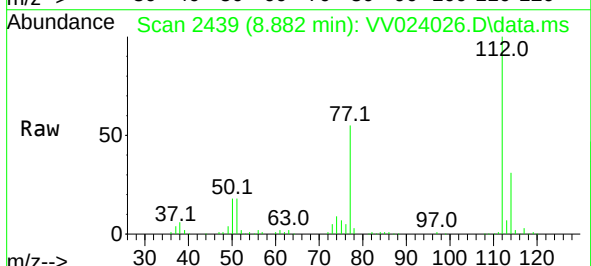
RT: 8.882 min Scan# 2439

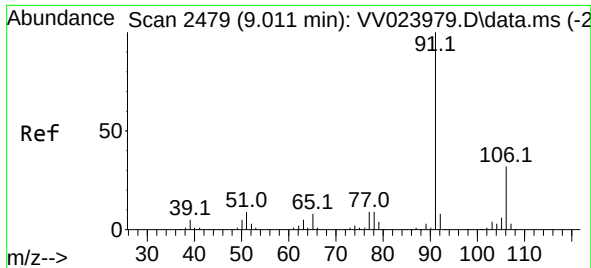
Delta R.T. 0.003 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Tgt Ion:112	Resp:	124911
Ion Ratio	Lower	Upper
112	100	
114	30.9	23.3 43.3
77	54.7	43.3 64.9





#52

Ethylbenzene

Concen: 5.379 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

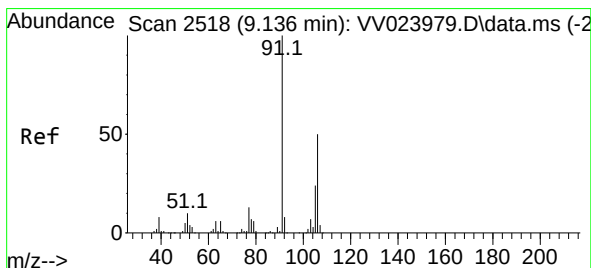
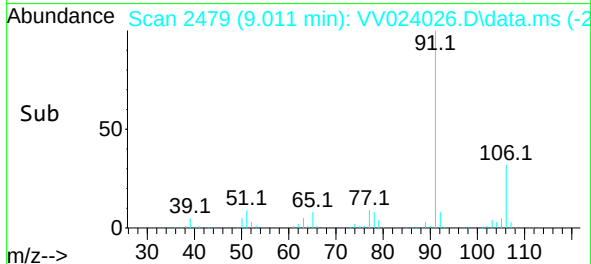
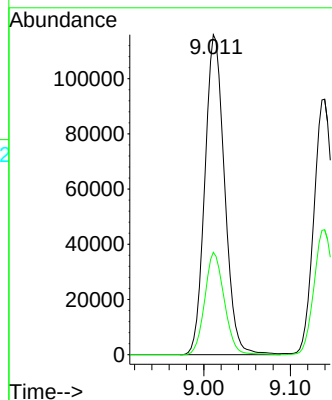
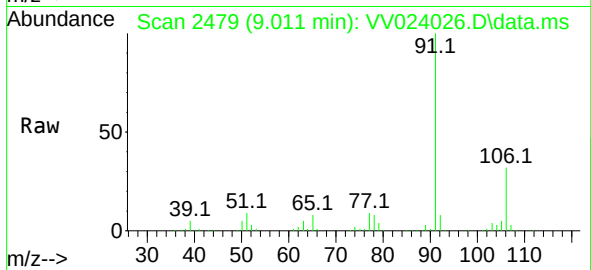
ClientSampleId :

Tgt Ion: 91 Resp: 183264

Ion Ratio Lower Upper

91 100

106 32.0 22.0 41.0



#53

m,p-xylene

Concen: 5.487 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV024026.D

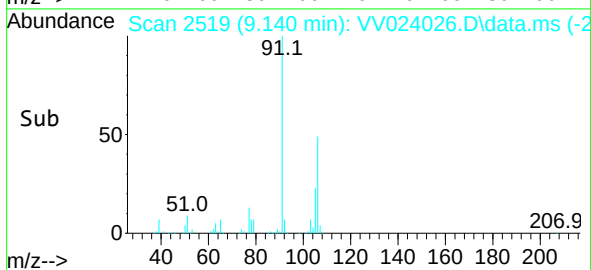
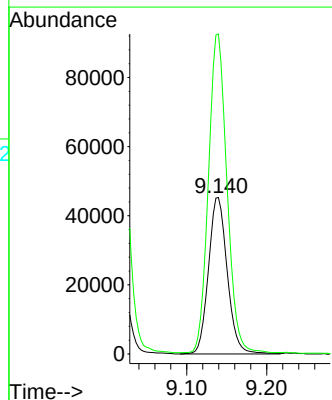
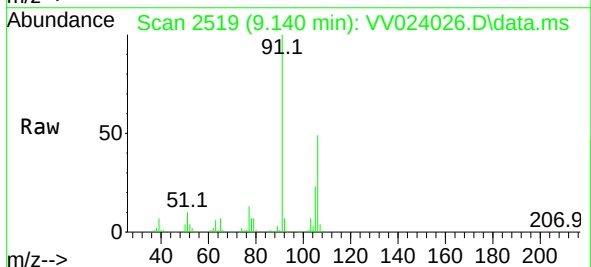
Acq: 16 Dec 2021 20:26

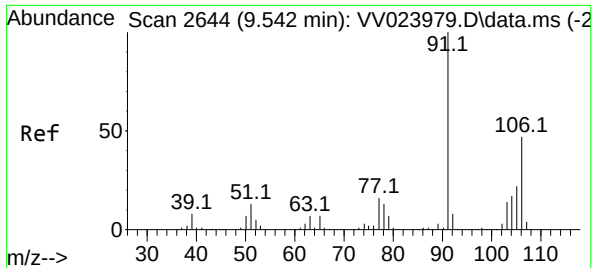
Tgt Ion: 106 Resp: 73927

Ion Ratio Lower Upper

106 100

91 204.6 139.5 259.1

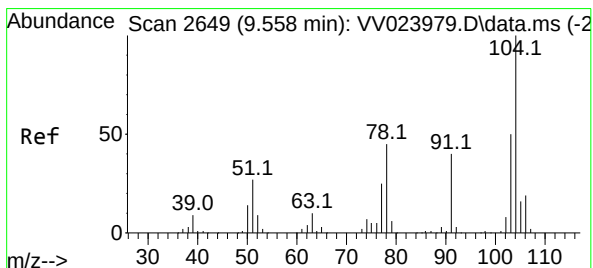
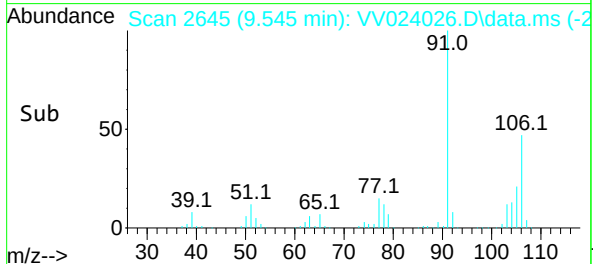
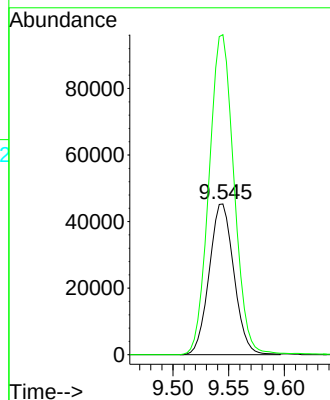
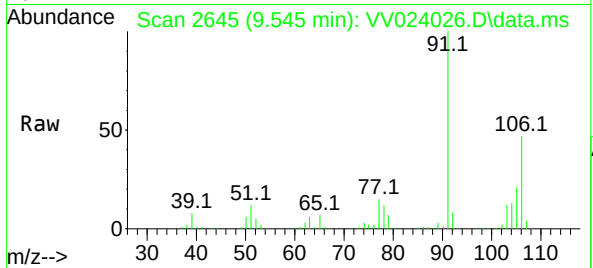




#54
o-xylene
Concen: 5.364 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

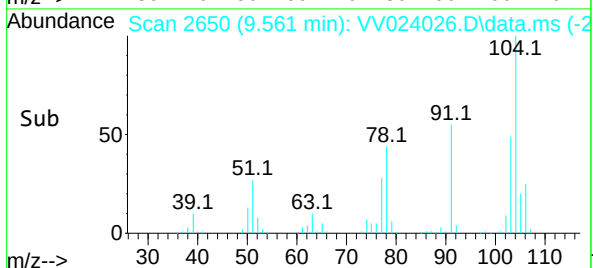
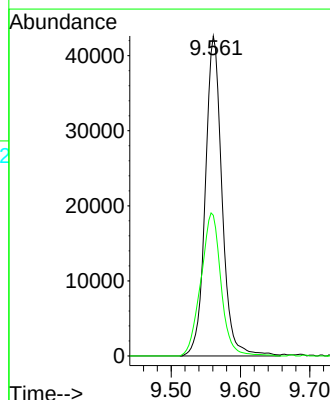
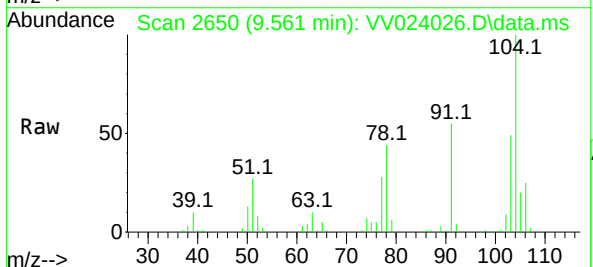
Instrument :
MSVOA_V
ClientSampleId :

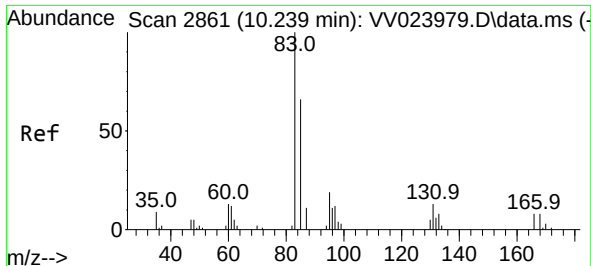
Tgt Ion:106 Resp: 69895
Ion Ratio Lower Upper
106 100
91 212.4 147.9 274.7



#55
Styrene
Concen: 3.289 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion:104 Resp: 71334
Ion Ratio Lower Upper
104 100
78 44.0 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.783 ug/L

RT: 10.242 min Scan# 2862

Delta R.T. 0.003 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

Instrument :

MSVOA_V

ClientSampleId :

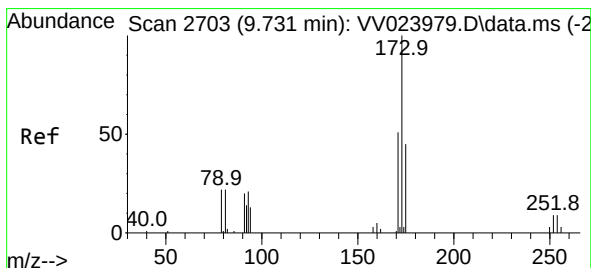
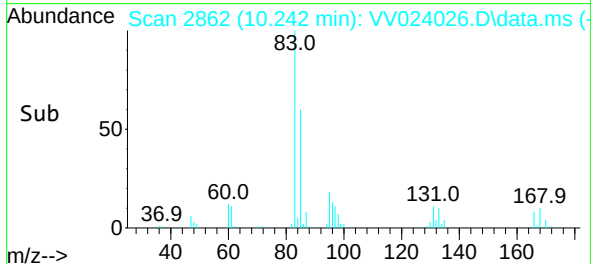
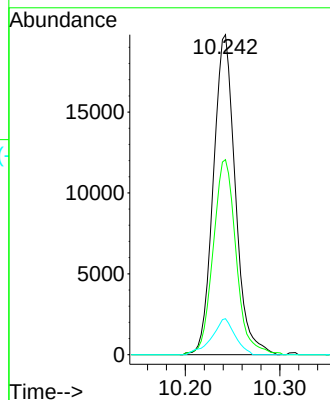
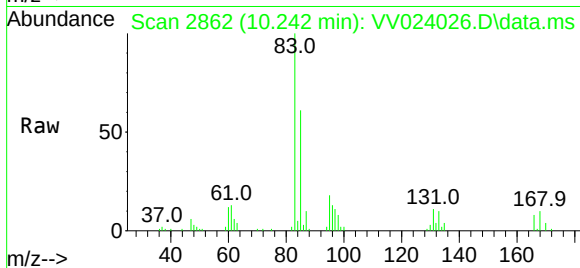
Tgt Ion: 83 Resp: 31947

Ion Ratio Lower Upper

83 100

85 61.0 44.6 82.8

131 11.3 8.3 12.5



#59

Bromoform

Concen: 5.104 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV024026.D

Acq: 16 Dec 2021 20:26

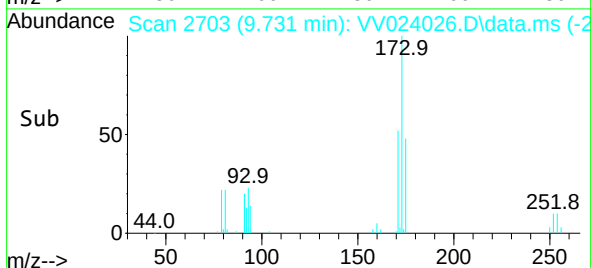
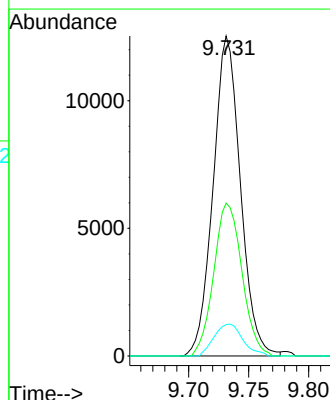
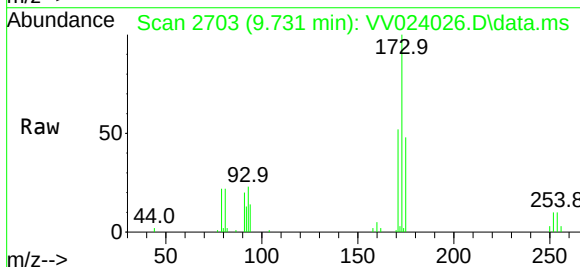
Tgt Ion:173 Resp: 19835

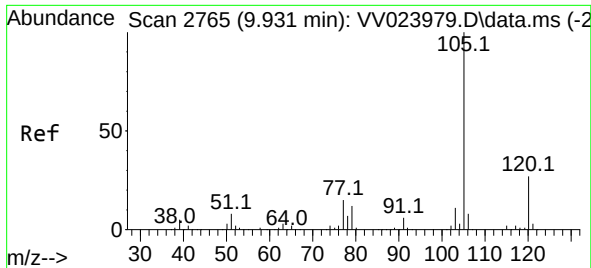
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

254 10.5 7.4 11.0

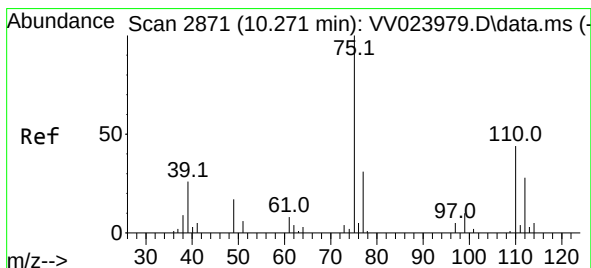
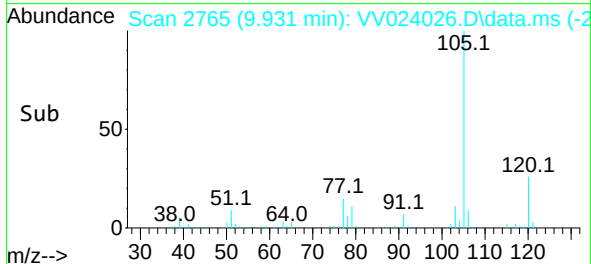
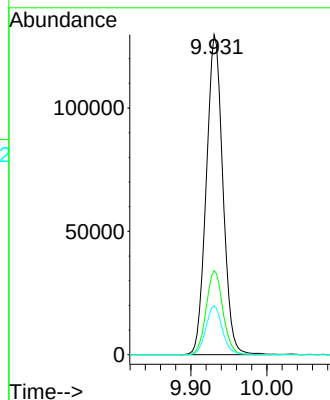
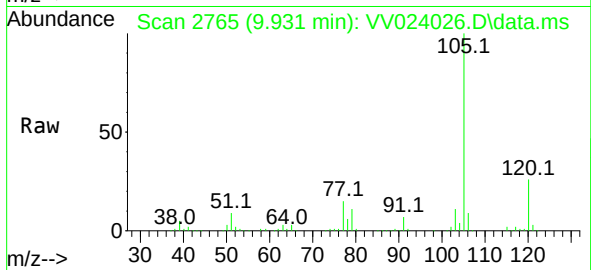




#60
Isopropylbenzene
Concen: 5.518 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

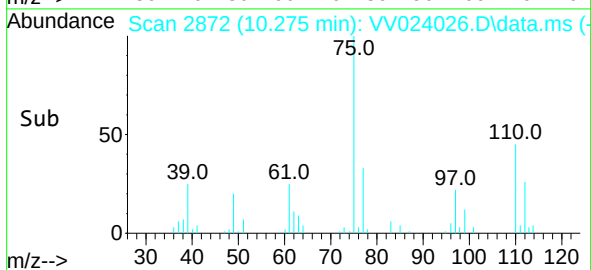
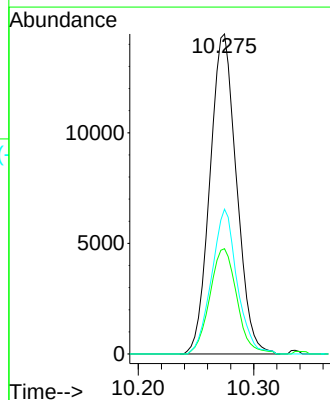
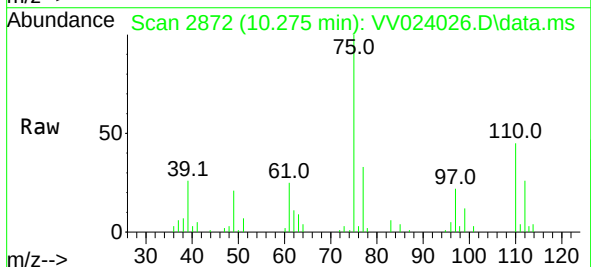
Instrument :
MSVOA_V
ClientSampleId :

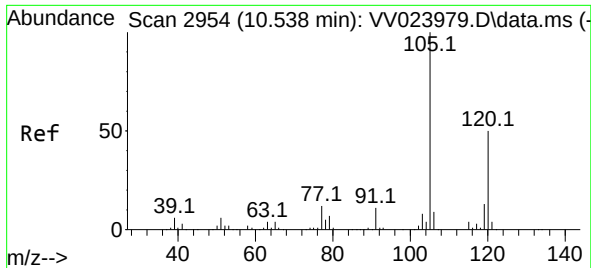
Tgt Ion:105 Resp: 196187
Ion Ratio Lower Upper
105 100
120 26.6 21.4 32.0
77 15.1 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.602 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion: 75 Resp: 23109
Ion Ratio Lower Upper
75 100
77 33.4 26.4 39.6
110 43.5 34.2 51.2

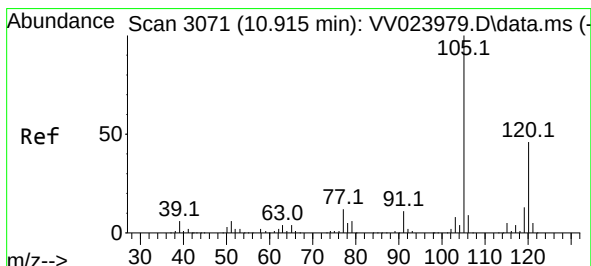
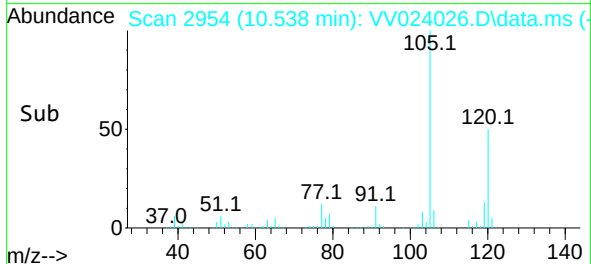
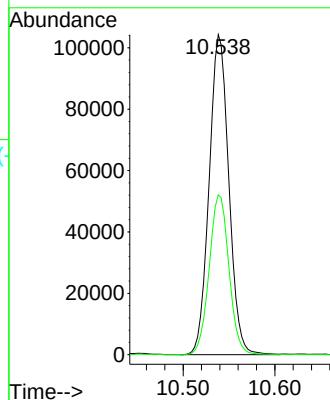
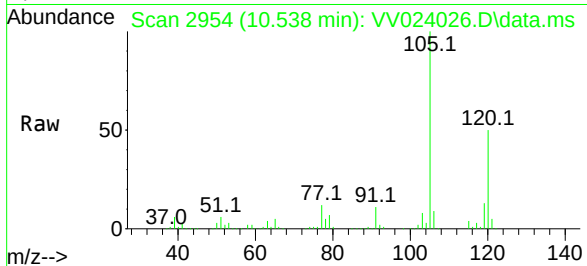




#62
1,3,5-Trimethylbenzene
Concen: 5.273 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

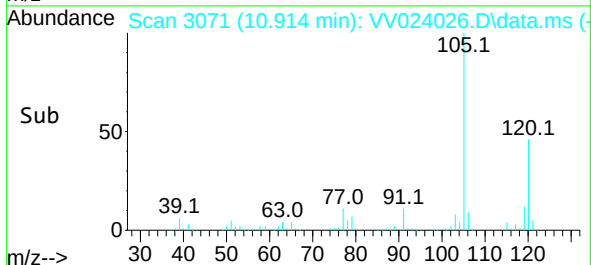
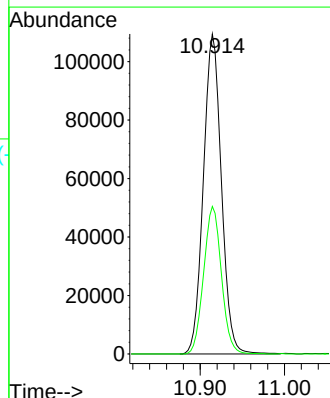
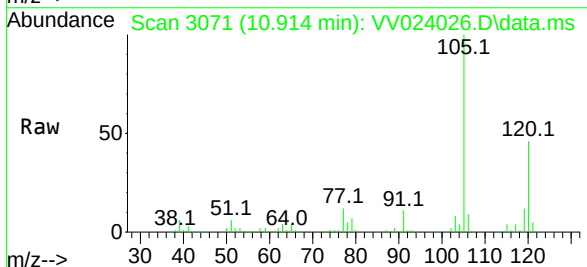
Instrument :
MSVOA_V
ClientSampleId :

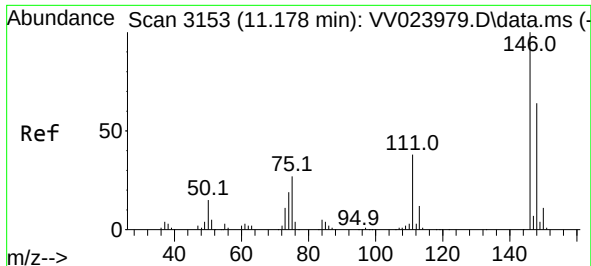
Tgt Ion:105 Resp: 155518
Ion Ratio Lower Upper
105 100
120 50.1 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.543 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

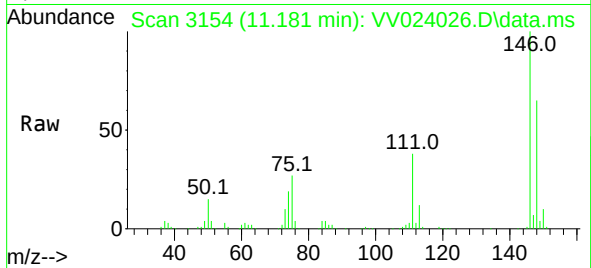
Tgt Ion:105 Resp: 162876
Ion Ratio Lower Upper
105 100
120 45.5 36.7 55.1



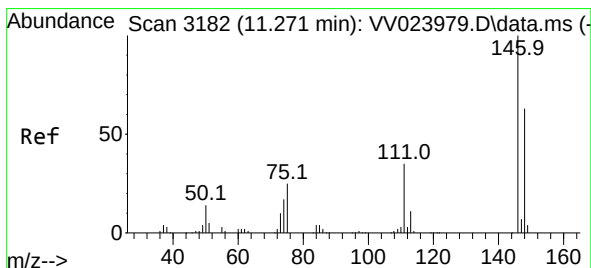
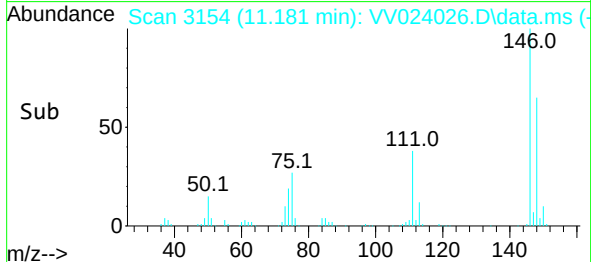
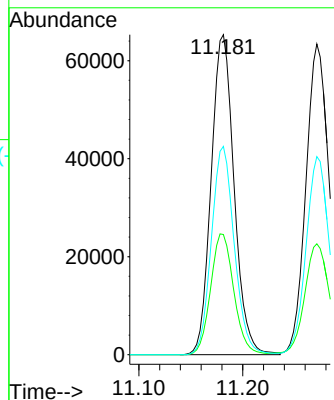


#64
1,3-Dichlorobenzene
Concen: 5.502 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Instrument :
MSVOA_V
ClientSampleId :

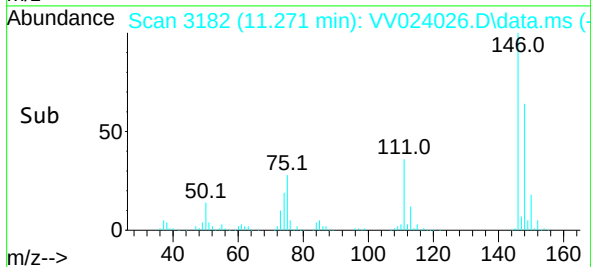
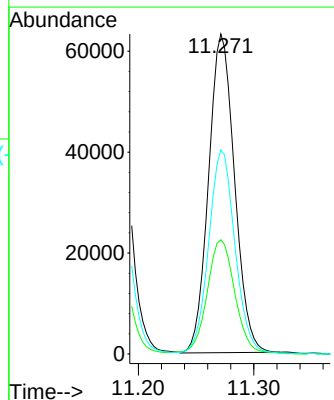
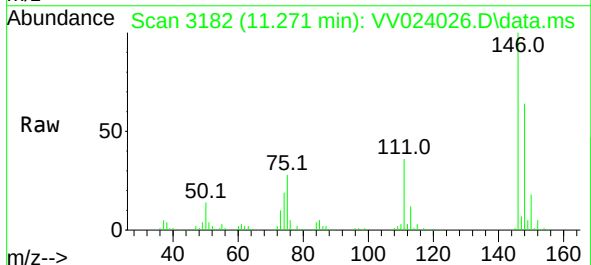


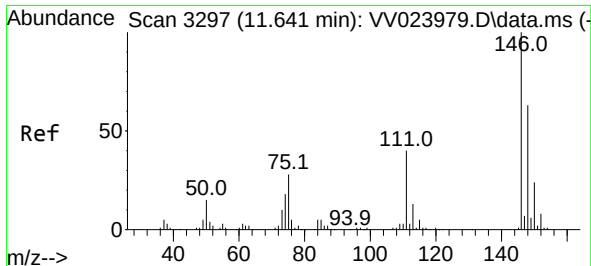
Tgt Ion:146 Resp: 100046
Ion Ratio Lower Upper
146 100
111 37.5 26.3 48.9
148 65.1 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.406 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

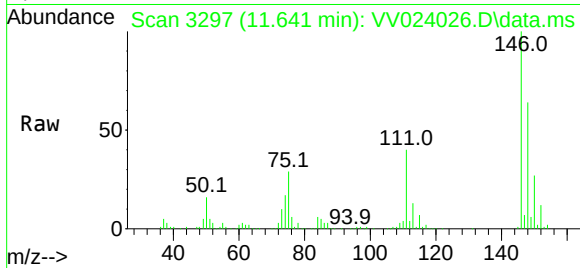
Tgt Ion:146 Resp: 98734
Ion Ratio Lower Upper
146 100
111 35.7 25.6 47.6
148 63.8 44.8 83.2



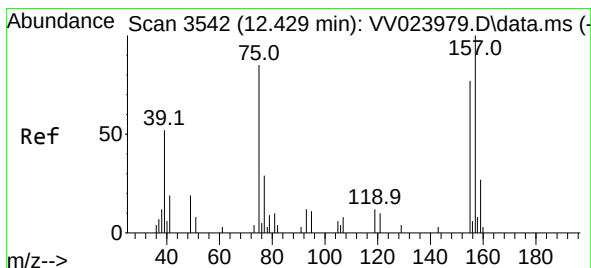
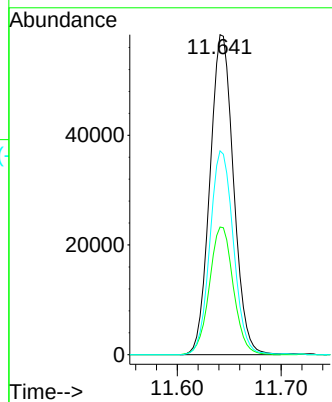
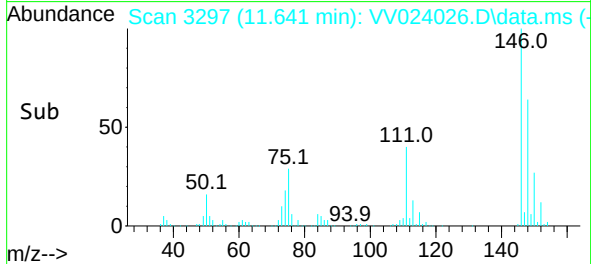


#67
1,2-Dichlorobenzene
Concen: 5.539 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

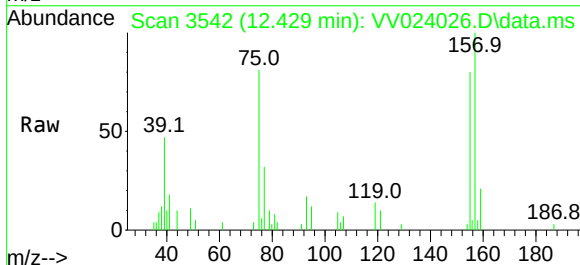
Instrument :
MSVOA_V
ClientSampleId :



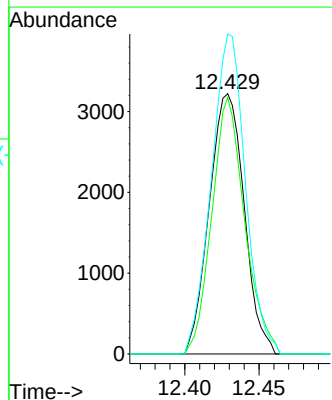
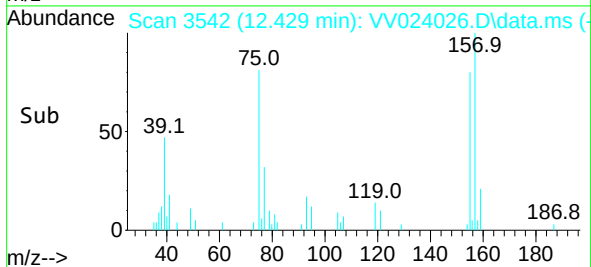
Tgt Ion:146 Resp: 92273
Ion Ratio Lower Upper
146 100
111 39.9 31.9 47.9
148 63.7 50.5 75.7

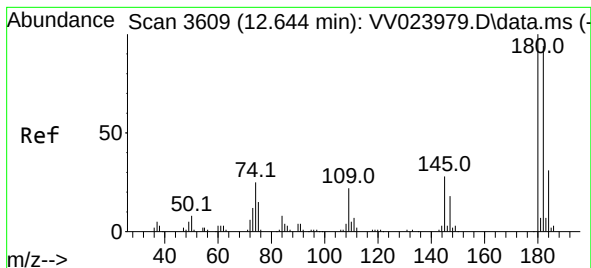


#68
1,2-Dibromo-3-chloropropane
Concen: 5.850 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26



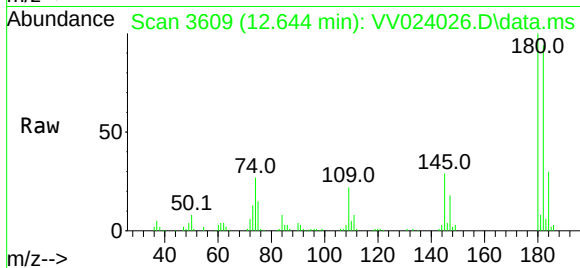
Tgt Ion: 75 Resp: 5271
Ion Ratio Lower Upper
75 100
155 98.4 71.7 107.5
157 122.9 103.3 154.9



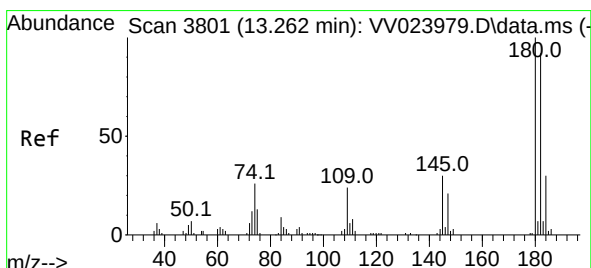
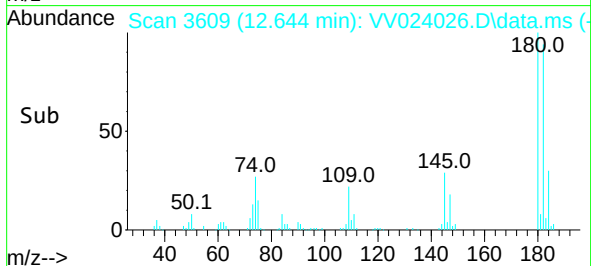
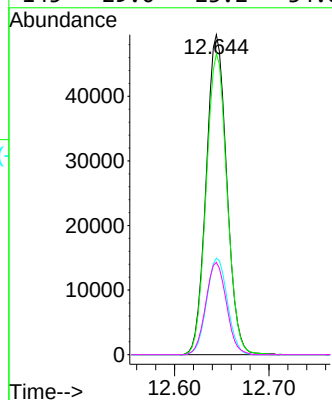


#69
 1,3,5-Trichlorobenzene
 Concen: 5.012 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Instrument :
 MSVOA_V
 ClientSampleId :

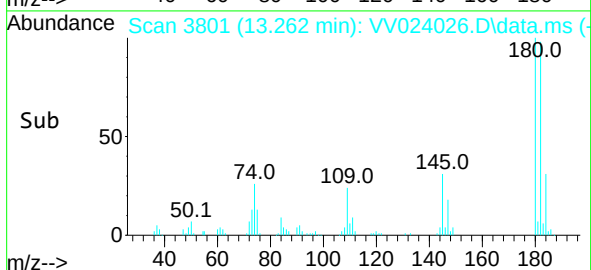
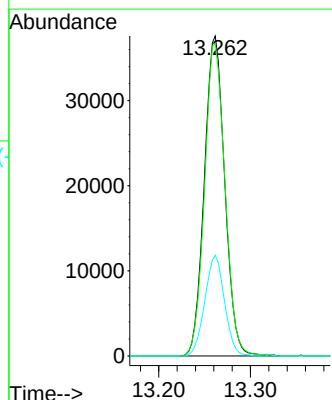
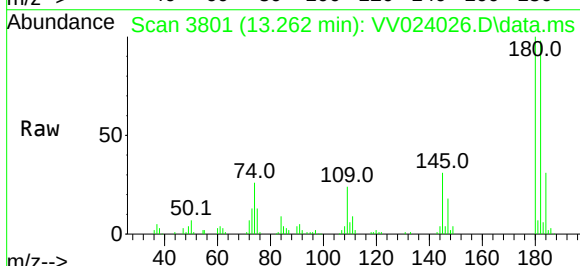


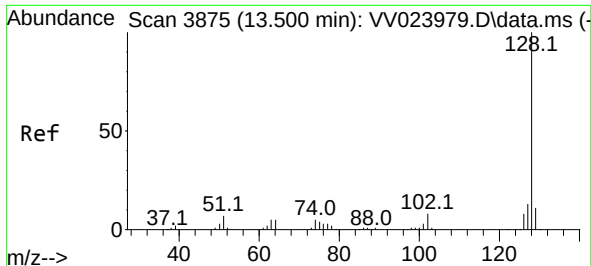
Tgt Ion:180 Resp: 74950
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.4 114.6
 184 30.4 24.2 36.4
 145 29.0 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 4.946 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. -0.000 min
 Lab File: VV024026.D
 Acq: 16 Dec 2021 20:26

Tgt Ion:180 Resp: 58094
 Ion Ratio Lower Upper
 180 100
 182 97.6 74.4 111.6
 145 30.3 23.3 34.9

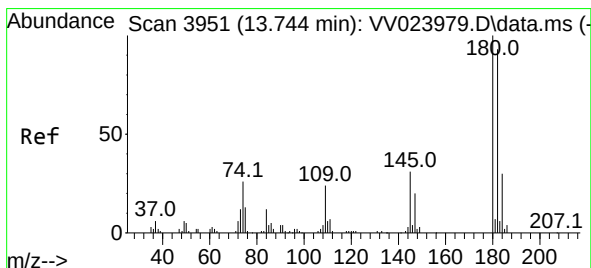
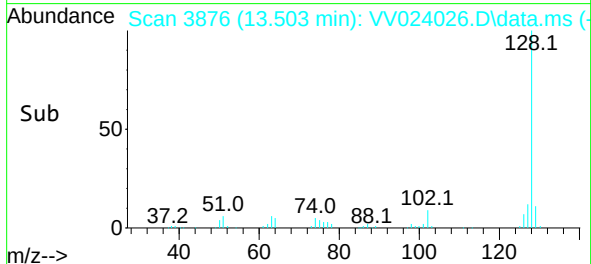
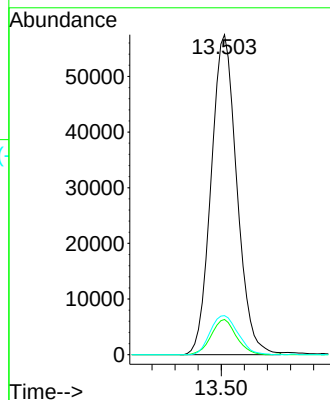
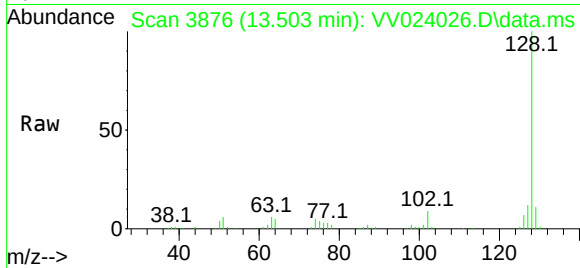




#71
Naphthalene
Concen: 5.267 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 88921
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.4
127 13.1 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.303 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV024026.D
Acq: 16 Dec 2021 20:26

Tgt Ion:180 Resp: 54991
Ion Ratio Lower Upper
180 100
182 95.1 76.8 115.2
145 31.4 25.8 38.6

