

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121021\
 Data File : VW023924.D
 Acq On : 11 Dec 2021 06:36
 Operator : SY/MD
 Sample : M5005-05MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 11 23:58:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	110081	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	76323	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23366	3.948	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.568	69	21674	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.111	63	48548	4.203	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.000%
20) 2-Butanone-d5	3.896	46	73180	63.295	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.600%
24) Chloroform-d	4.352	84	61161	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	28815	4.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.053	84	102055	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.069	67	30830	4.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.317	98	88151	4.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	12815	4.529	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	62028	48.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26275	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	45706	4.483	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	46398	4.843	ug/L	99
3) Chloromethane	1.243	50	38661	4.723	ug/L	96
5) Vinyl chloride	1.310	62	43637	4.915	ug/L	99
6) Bromomethane	1.523	94	25482	4.516	ug/L	98
8) Chloroethane	1.587	64	27949	4.838	ug/L	100
9) Trichlorofluoromethane	1.754	101	79158	5.131	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	37538	4.619	ug/L	98
12) 1,1-Dichloroethene	2.121	96	36667	4.965	ug/L	85
13) Acetone	2.188	43	83926	90.733	ug/L	73
14) Carbon disulfide	2.298	76	98611	4.603	ug/L	98
15) Methyl Acetate	2.439	43	21478	9.580	ug/L	# 77
16) Methylene chloride	2.510	84	41255	4.270	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	86274	5.166	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	40996	5.014	ug/L	98
19) 1,1-Dichloroethane	3.191	63	76120	5.188	ug/L	99
21) 2-Butanone	3.979	43	72029	54.501	ug/L	83
22) cis-1,2-Dichloroethene	3.915	96	58037	6.706	ug/L	98
23) Bromochloromethane	4.249	128	20913	5.318	ug/L	# 86
25) Chloroform	4.375	83	80578	4.940	ug/L	97

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 Response via : Initial Calibration

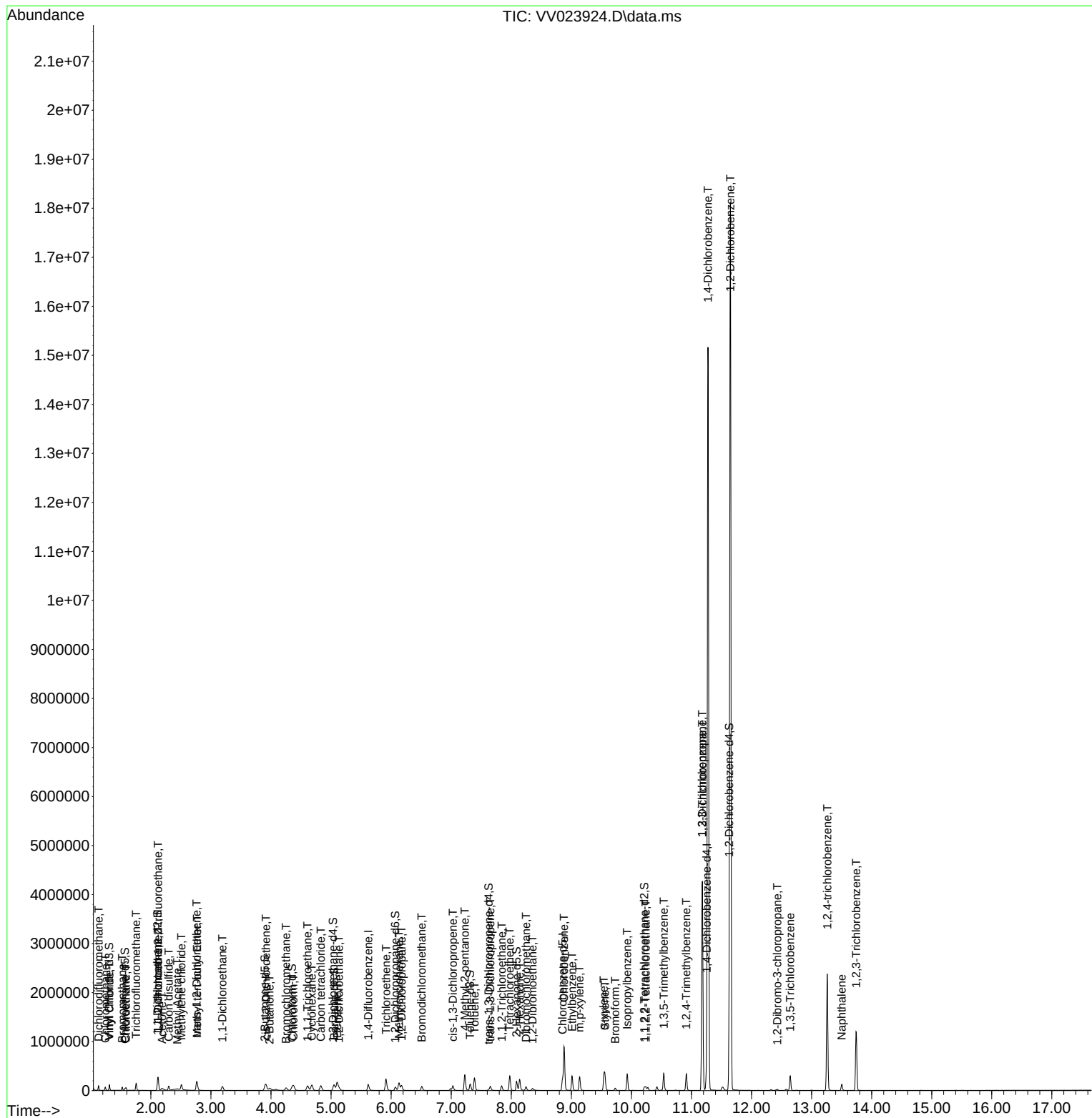
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	47260	5.348	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	77061	5.160	ug/L	100
30) Cyclohexane	4.680	56	57080	4.819	ug/L	98
31) Carbon tetrachloride	4.831	117	69972	4.985	ug/L	99
33) Benzene	5.101	78	165126	5.114	ug/L	100
34) Trichloroethene	5.915	95	78002	8.564	ug/L	97
35) Methylcyclohexane	6.130	83	65267	4.869	ug/L	96
37) 1,2-Dichloropropane	6.175	63	38733	5.047	ug/L	99
38) Bromodichloromethane	6.510	83	54797	5.040	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	54932	4.821	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	198272	53.780	ug/L	98
42) Toluene	7.387	91	184389	5.074	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	47461	4.819	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	28085	4.946	ug/L	95
47) Tetrachloroethene	7.976	164	66935	8.348	ug/L	99
48) 2-Hexanone	8.140	43	137475	51.426	ug/L	98
49) Dibromochloromethane	8.246	129	37920	4.909	ug/L	100
50) 1,2-Dibromoethane	8.352	107	25989	4.930	ug/L	94
51) Chlorobenzene	8.879	112	468098	19.272	ug/L	100
52) Ethylbenzene	9.011	91	201388	5.252	ug/L	98
53) m,p-xylene	9.137	106	79697	5.256	ug/L	99
54) o-xylene	9.542	106	77664	5.296	ug/L	99
55) Styrene	9.561	104	131998	5.407	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	30463	4.900	ug/L	98
59) Bromoform	9.731	173	21571	4.404	ug/L	100
60) Isopropylbenzene	9.931	105	207344	4.627	ug/L	99
61) 1,2,3-Trichloropropane	11.181	75	478370	92.005	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.538	105	179060	4.817	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	178866	4.830	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	1710310	74.627	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	5885911	255.705	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	6890437	328.165	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	6288	5.537	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	91810	4.871	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	694196	46.889	ug/L	98
71) Naphthalene	13.503	128	100921	4.743	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	366796	28.063	ug/L	100

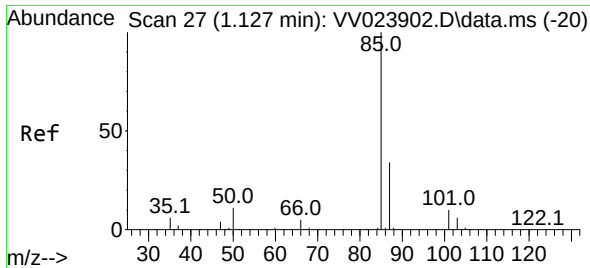
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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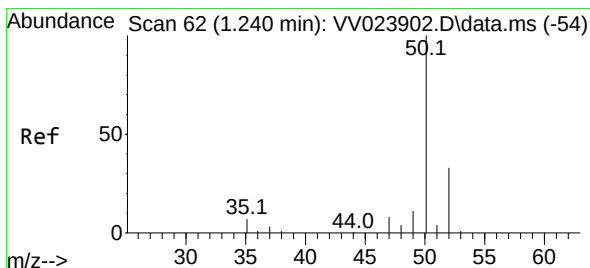
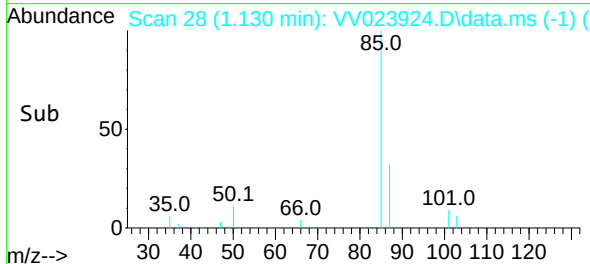
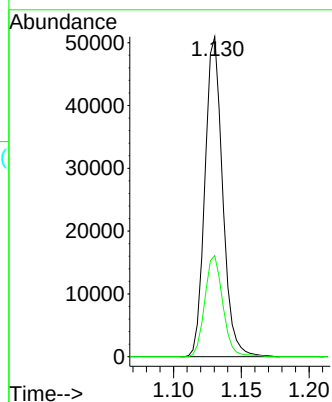
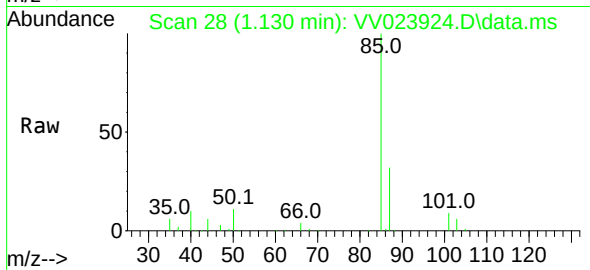




#2
 Dichlorodifluoromethane
 Concen: 4.843 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

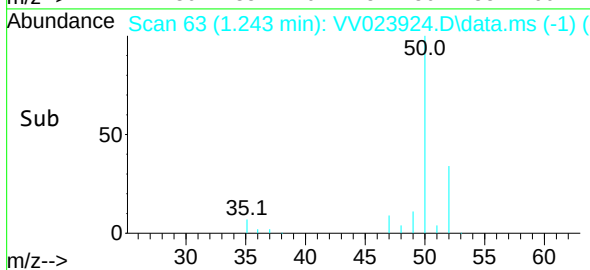
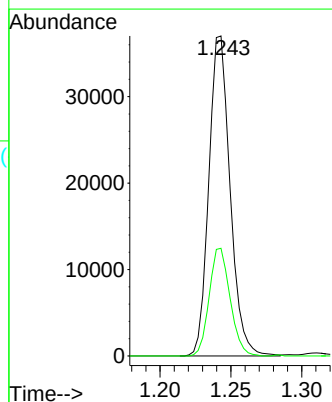
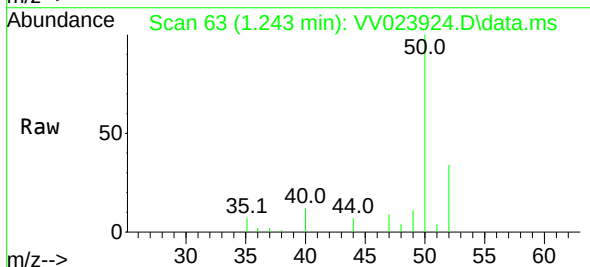
Instrument :
 MSVOA_V
 ClientSampleId :

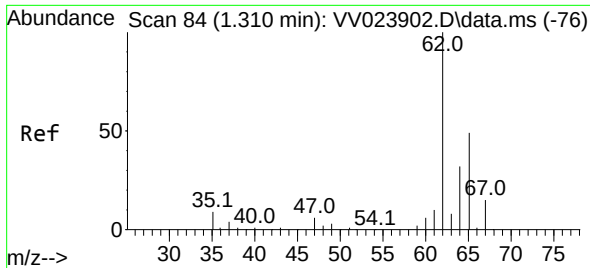
Tgt Ion: 85 Resp: 46398
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.0 39.0



#3
 Chloromethane
 Concen: 4.723 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Tgt Ion: 50 Resp: 38661
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.0 41.0

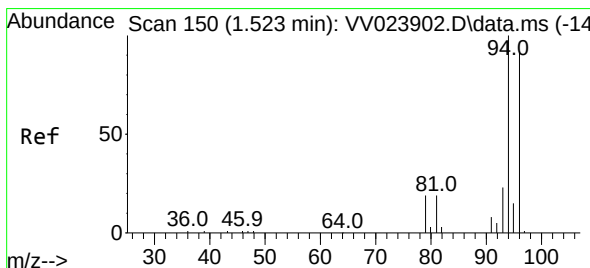
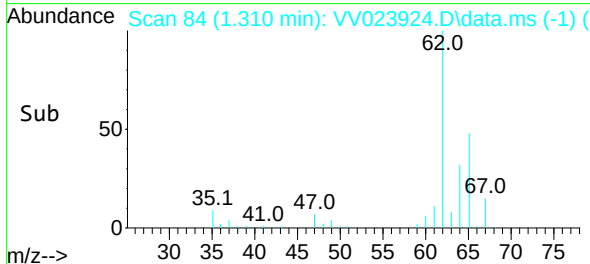
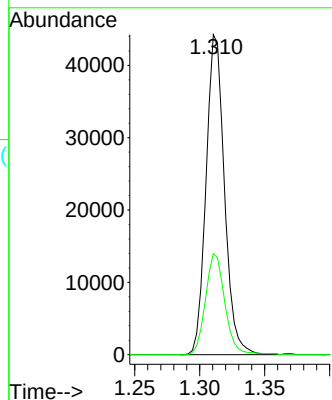
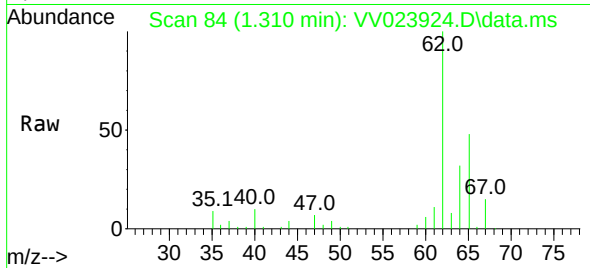




#5
 Vinyl chloride
 Concen: 4.915 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

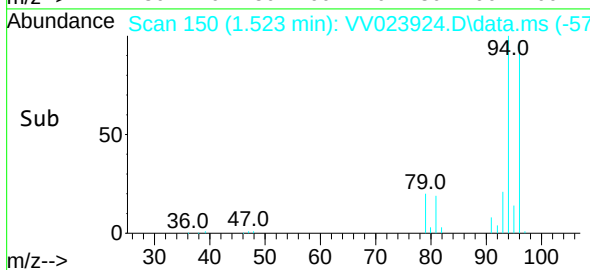
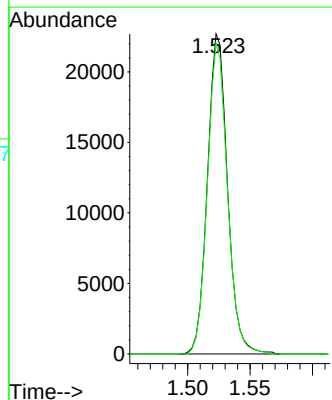
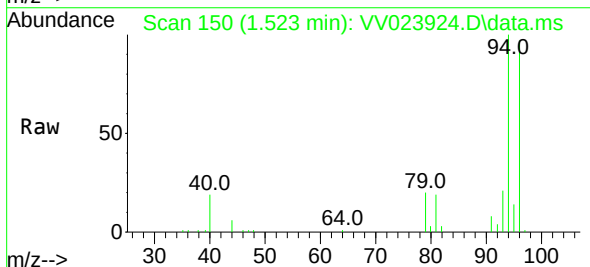
Instrument :
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 ClientSampleId :

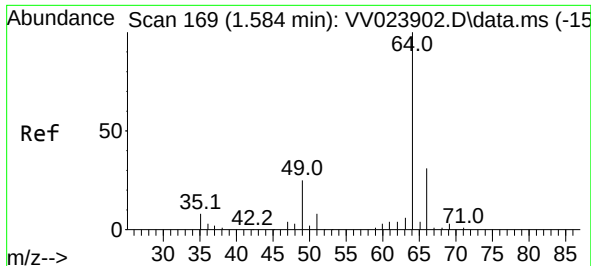
Tgt Ion: 62 Resp: 43637
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.4 41.6



#6
 Bromomethane
 Concen: 4.516 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Tgt Ion: 94 Resp: 25482
 Ion Ratio Lower Upper
 94 100
 96 96.9 66.2 123.0

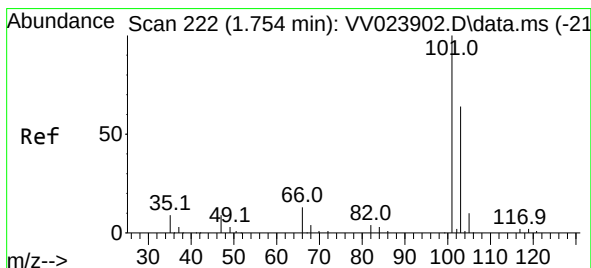
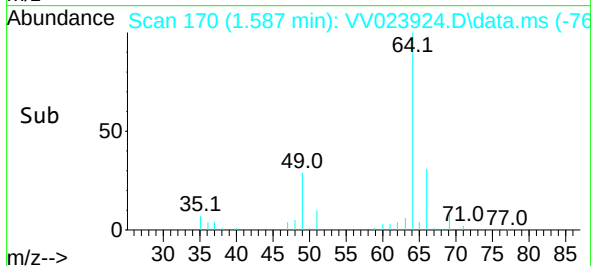
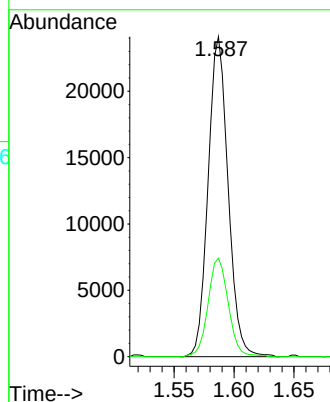
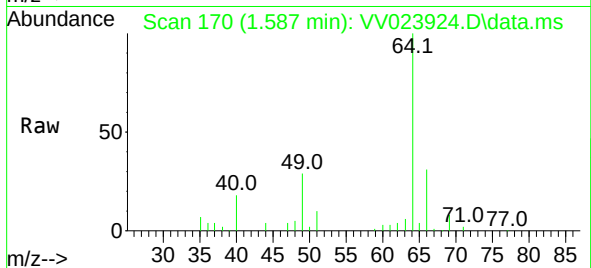




#8
Chloroethane
Concen: 4.838 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

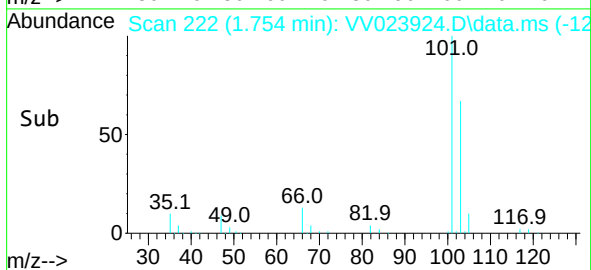
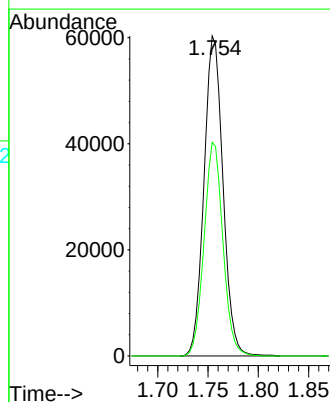
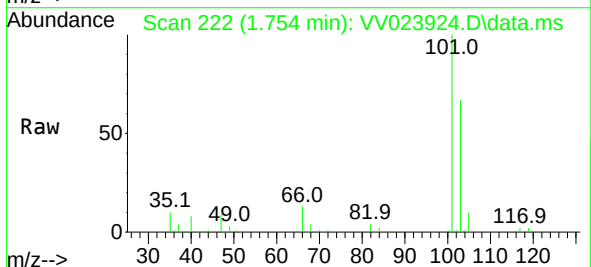
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ClientSampleId :

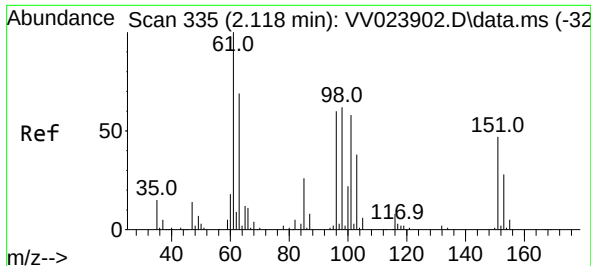
Tgt Ion: 64 Resp: 27949
Ion Ratio Lower Upper
64 100
66 30.8 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.131 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion:101 Resp: 79158
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4

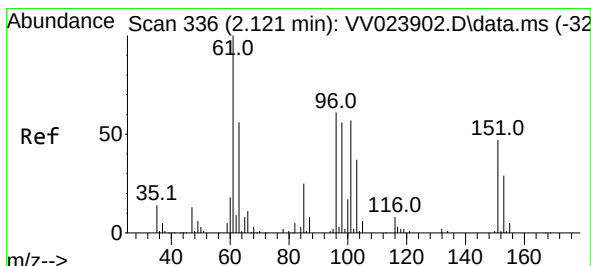
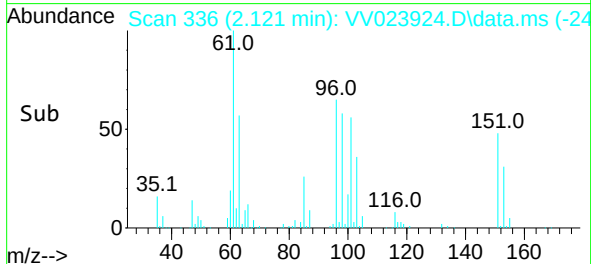
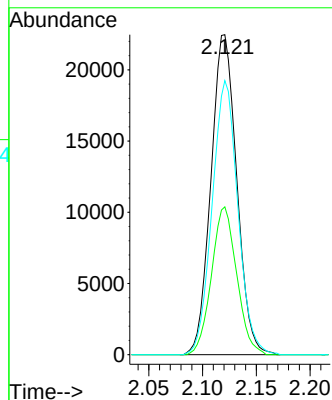
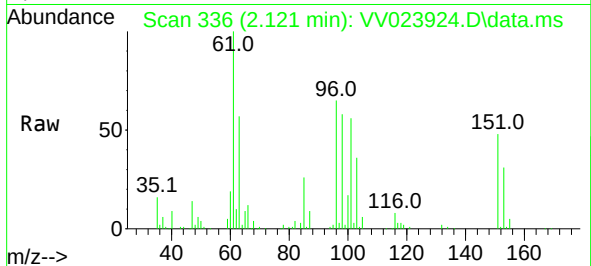




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.619 ug/L
 RT: 2.121 min Scan# 335
 Delta R.T. 0.003 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

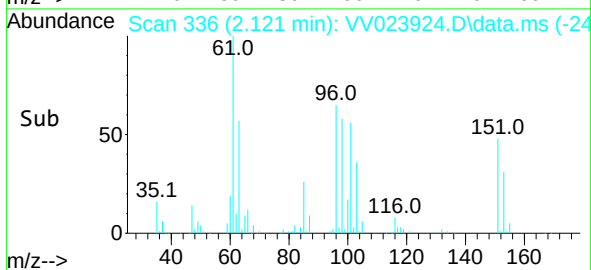
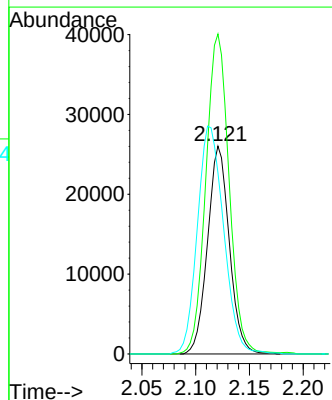
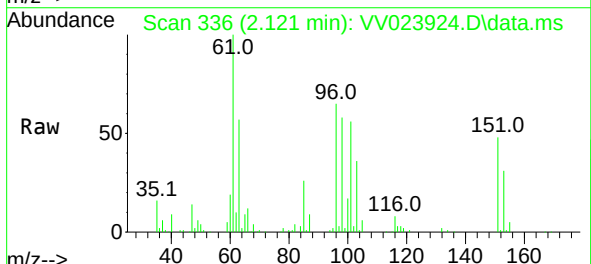
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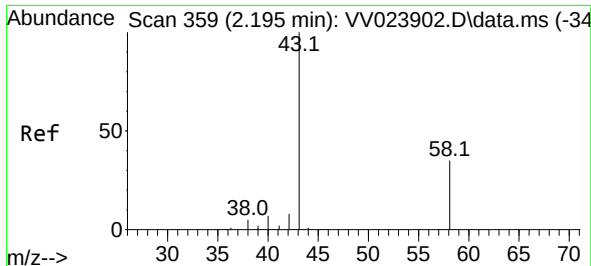
Tgt Ion:101 Resp: 37538
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 85.4 66.4 99.6



#12
 1,1-Dichloroethene
 Concen: 4.965 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Tgt Ion: 96 Resp: 36667
 Ion Ratio Lower Upper
 96 100
 61 154.0 116.1 215.5
 63 87.2 79.4 147.4





#13

Acetone

Concen: 90.733 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

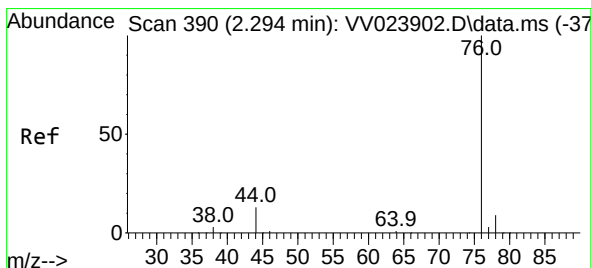
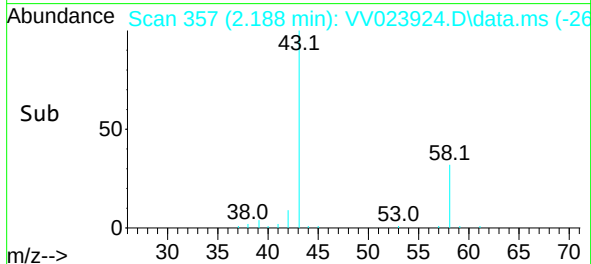
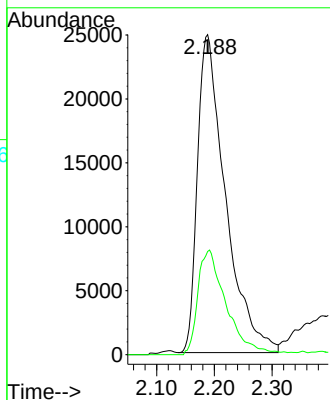
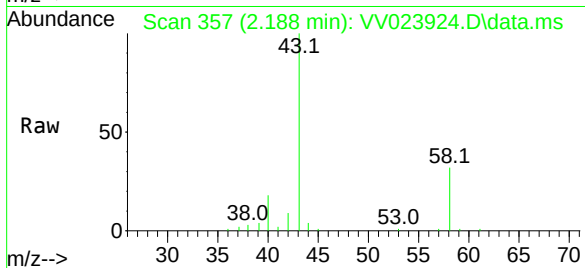
ClientSampleId :

Tgt Ion: 43 Resp: 83926

Ion Ratio Lower Upper

43 100

58 33.1 0.0 41.4



#14

Carbon disulfide

Concen: 4.603 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023924.D

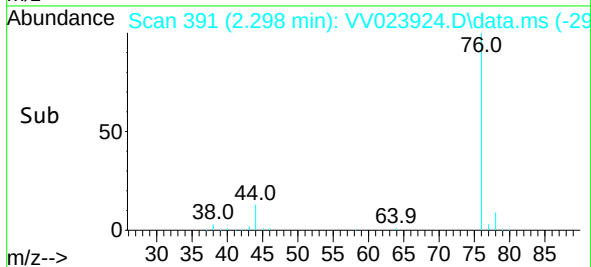
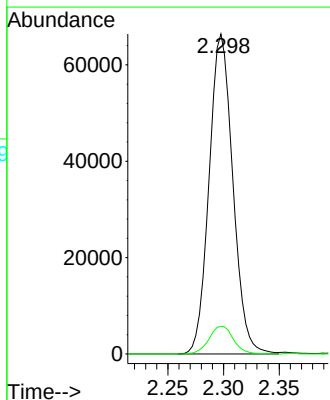
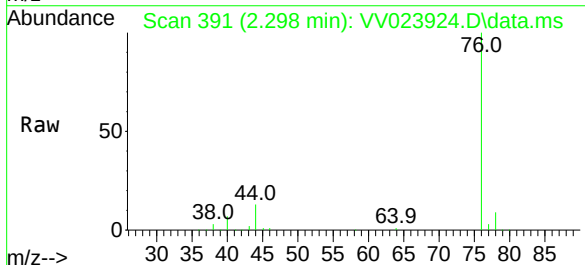
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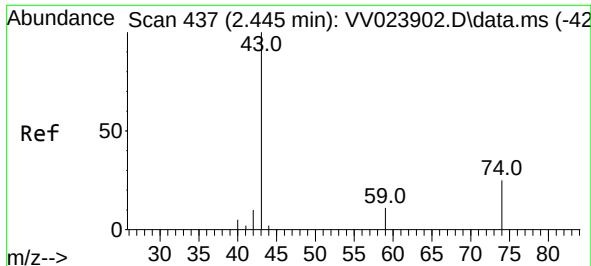
Tgt Ion: 76 Resp: 98611

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

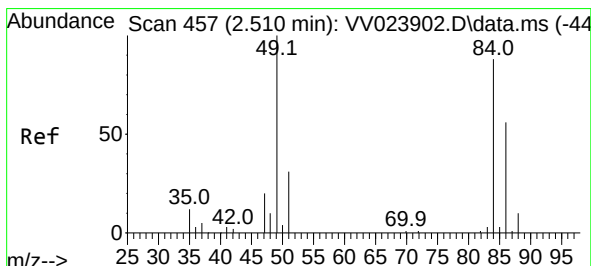
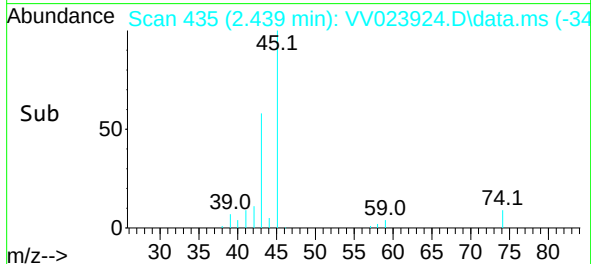
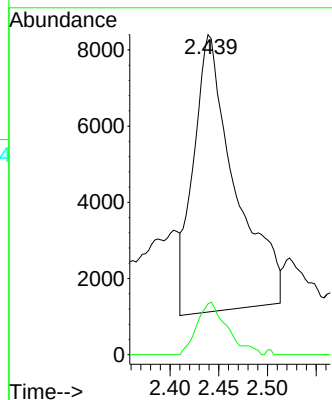
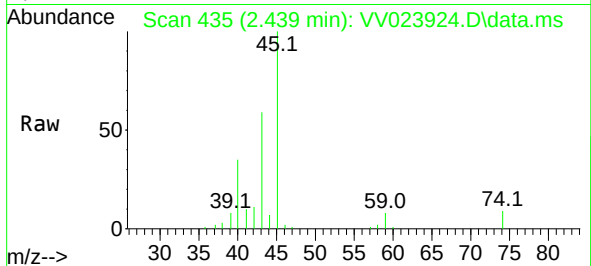




#15
Methyl Acetate
Concen: 9.580 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

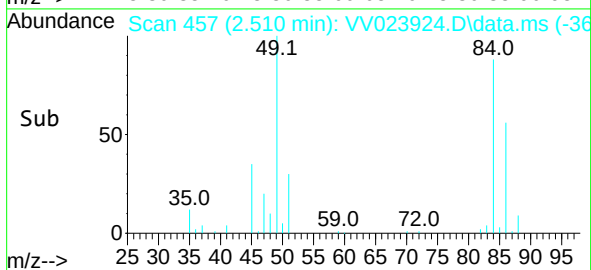
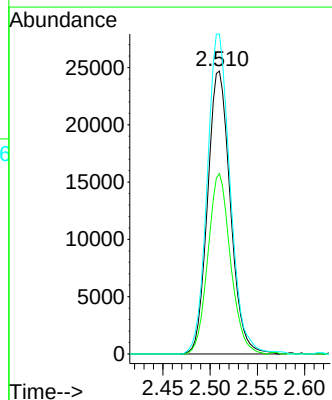
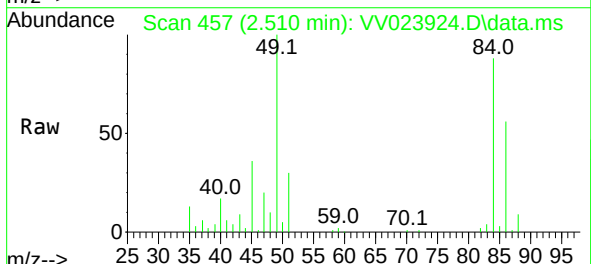
Instrument :
MSVOA_V
ClientSampleId :

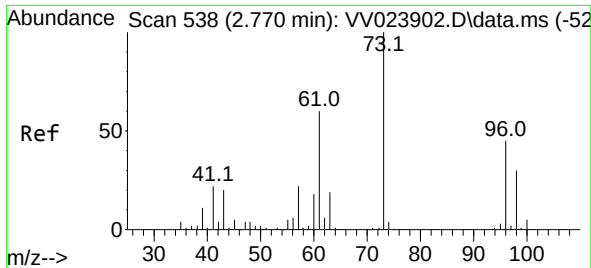
Tgt Ion: 43 Resp: 21478
Ion Ratio Lower Upper
43 100
74 13.9 20.2 30.2#



#16
Methylene chloride
Concen: 4.270 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion: 84 Resp: 41255
Ion Ratio Lower Upper
84 100
86 63.7 42.6 79.0
49 113.1 79.7 147.9

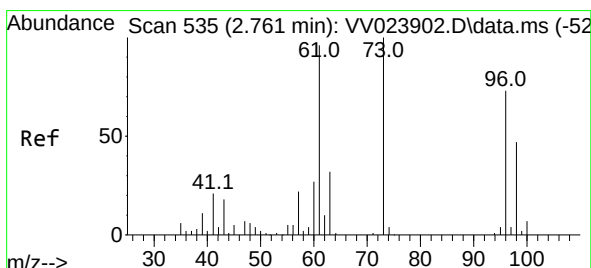
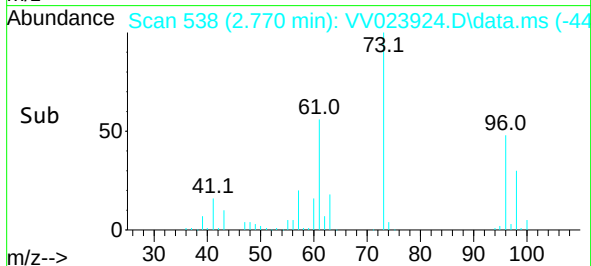
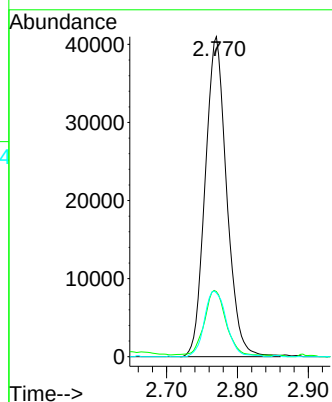
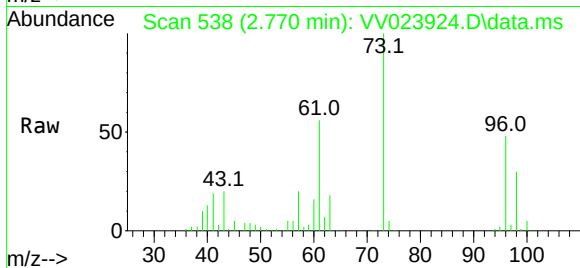




#17
Methyl tert-butyl Ether
Concen: 5.166 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

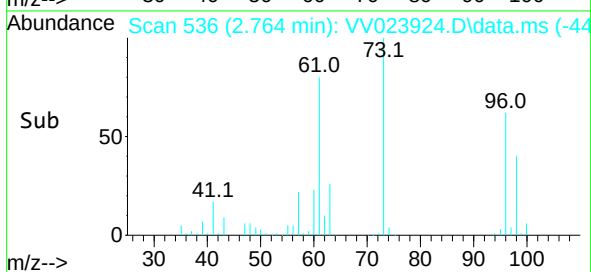
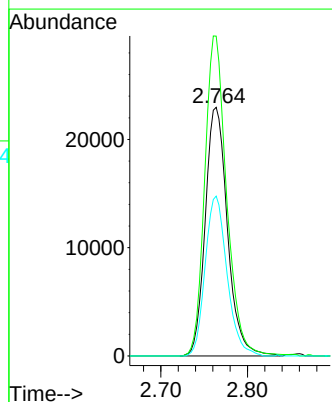
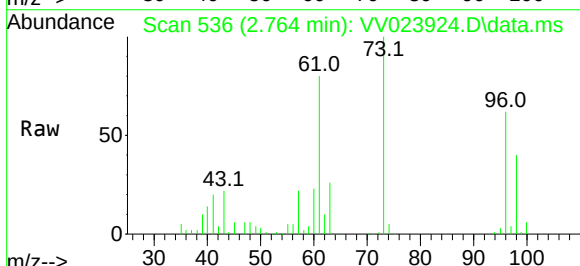
Instrument :
MSVOA_V
ClientSampleId :

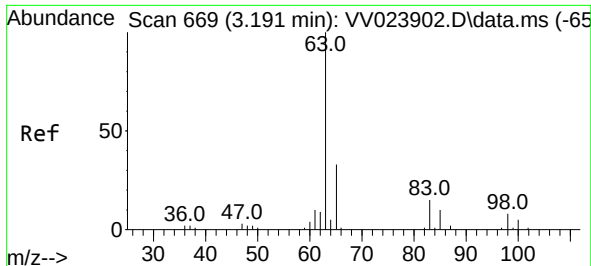
Tgt Ion: 73 Resp: 86274
Ion Ratio Lower Upper
73 100
43 20.5 15.5 23.3
57 21.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.014 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion: 96 Resp: 40996
Ion Ratio Lower Upper
96 100
61 128.6 88.2 163.8
98 64.3 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.188 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.003 min

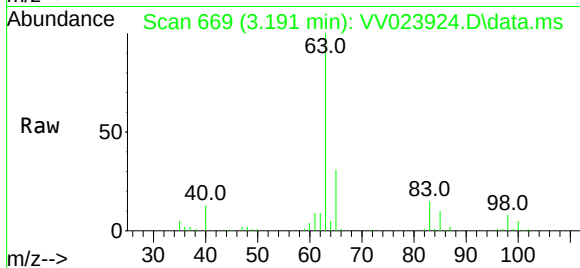
Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

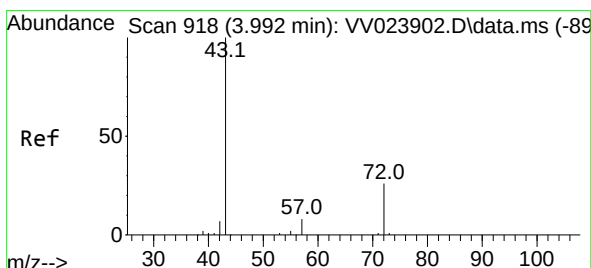
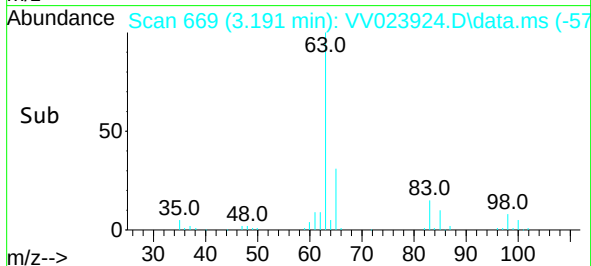
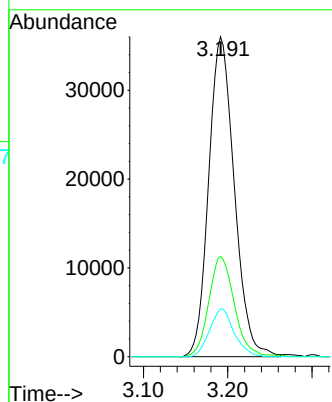
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	63	Resp:	76120
Ion Ratio	Lower	Upper	
63	100		
65	31.4	22.3	41.3
83	14.9	10.7	19.9



#21

2-Butanone

Concen: 54.501 ug/L

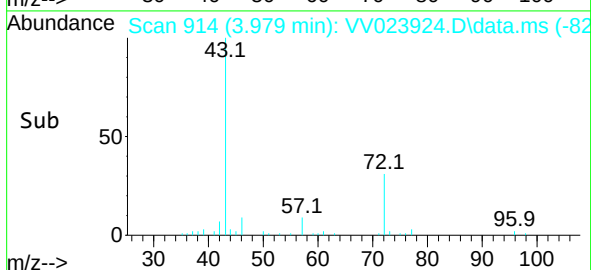
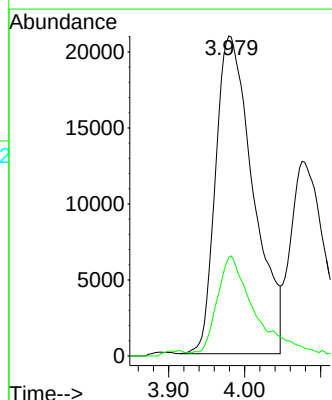
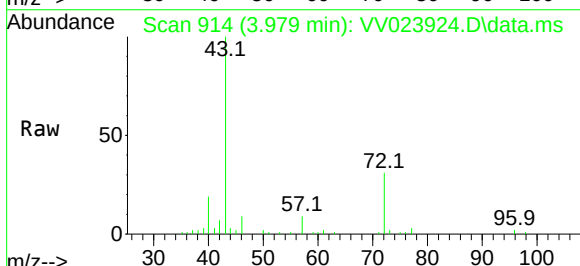
RT: 3.979 min Scan# 914

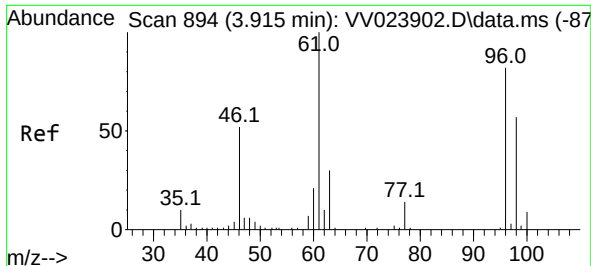
Delta R.T. -0.010 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

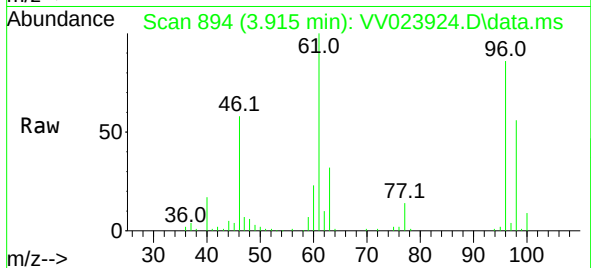
Tgt Ion:	43	Resp:	72029
Ion Ratio	Lower	Upper	
43	100		
72	30.2	11.1	33.1





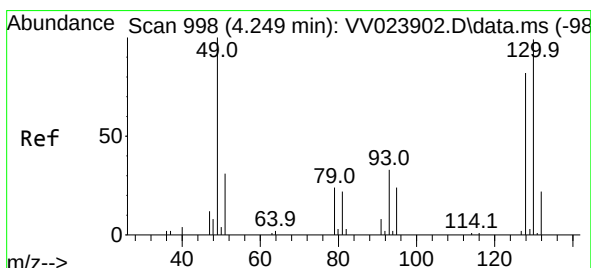
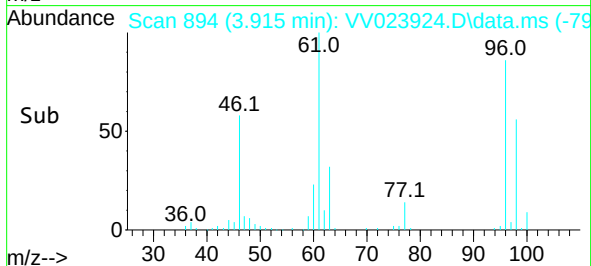
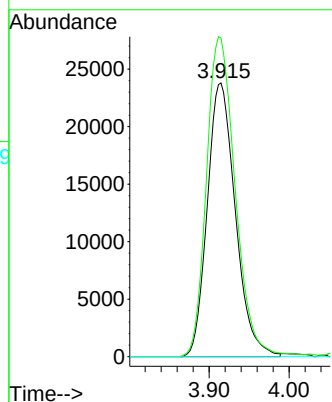
#22
 cis-1,2-Dichloroethene
 Concen: 6.706 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.007 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 58037

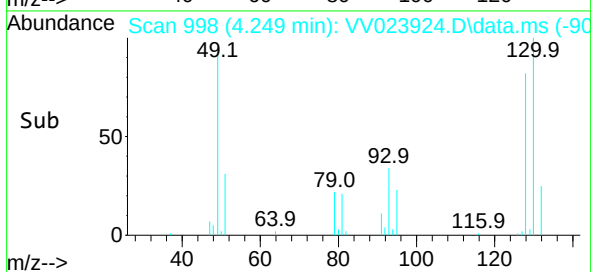
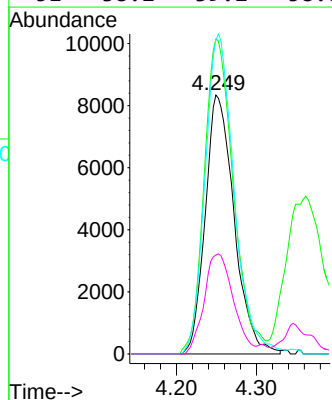
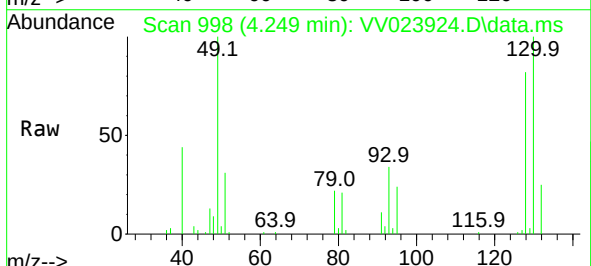
Ion	Ratio	Lower	Upper
96	100		
61	116.4	83.4	154.8
68	0.0	0.0	0.0

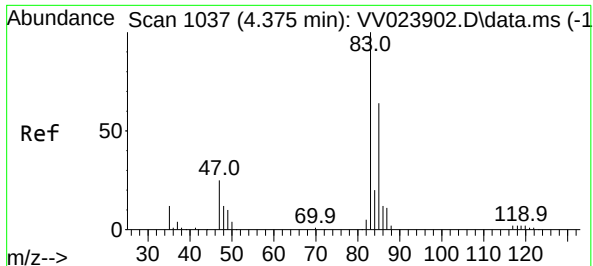


#23
 Bromochloromethane
 Concen: 5.318 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.007 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Tgt Ion: 128 Resp: 20913

Ion	Ratio	Lower	Upper
128	100		
49	121.6	100.2	186.2
130	121.3	92.5	171.7
51	38.2	39.2	58.8





#25

Chloroform

Concen: 4.940 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

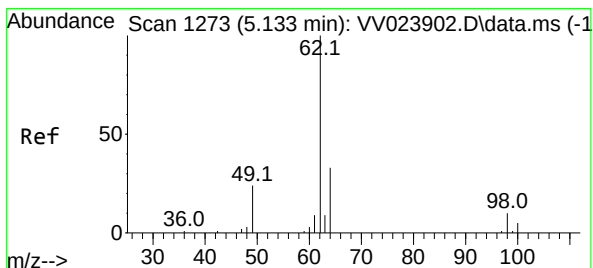
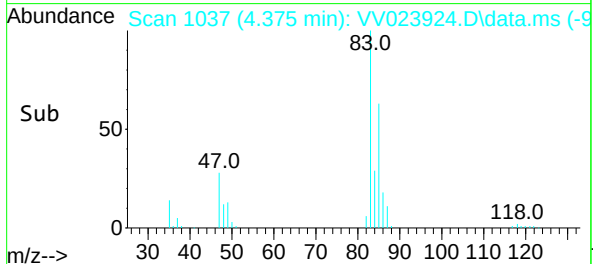
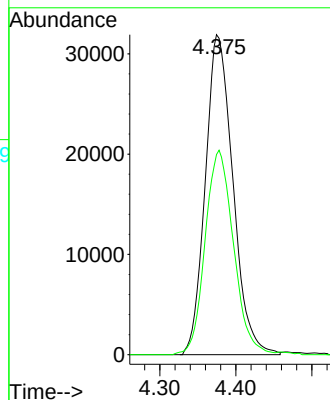
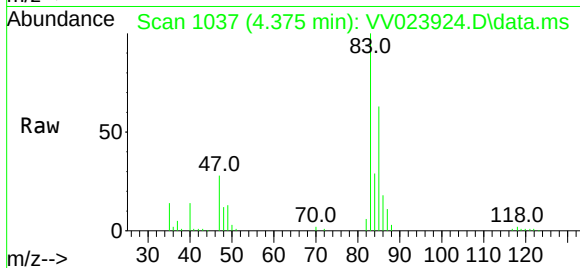
ClientSampleId :

Tgt Ion: 83 Resp: 80578

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.348 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.003 min

Lab File: VV023924.D

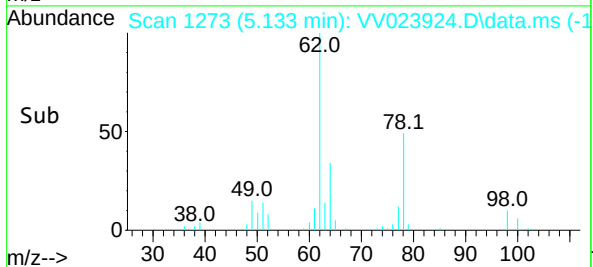
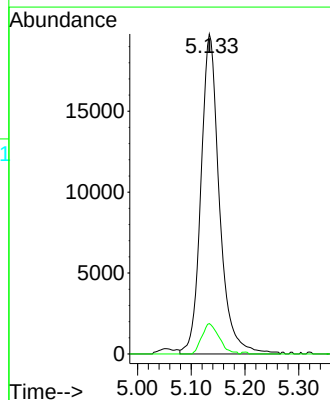
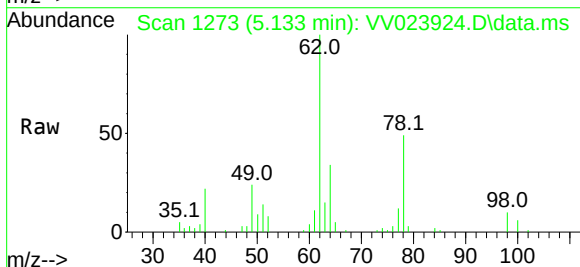
Acq: 11 Dec 2021 06:36

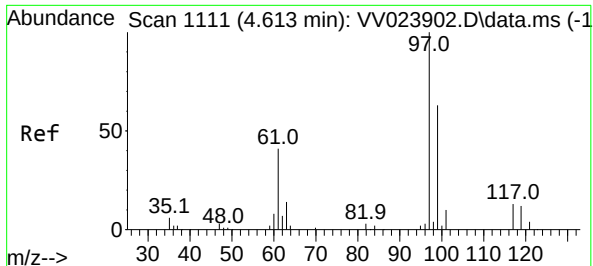
Tgt Ion: 62 Resp: 47260

Ion Ratio Lower Upper

62 100

98 9.5 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.160 ug/L

RT: 4.609 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV023924.D

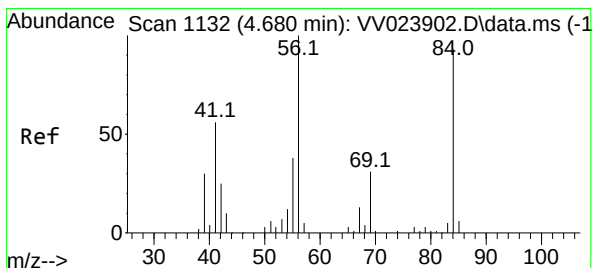
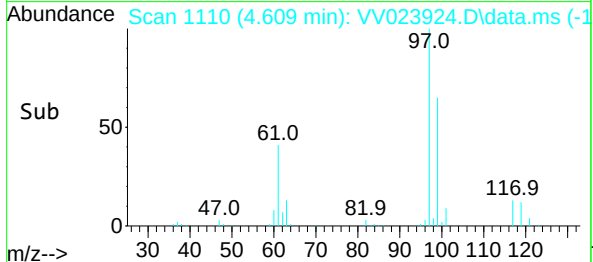
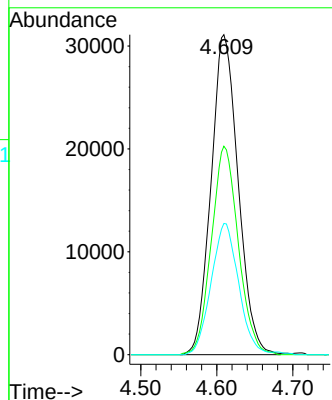
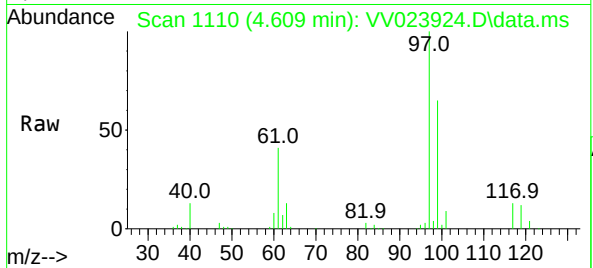
Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	97	Resp:	77061
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.9	77.9
61	41.6	33.2	49.8



#30

Cyclohexane

Concen: 4.819 ug/L

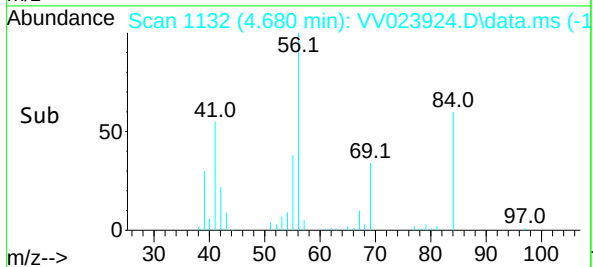
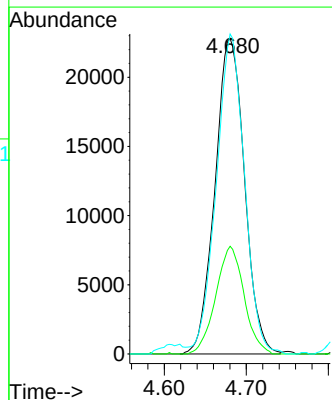
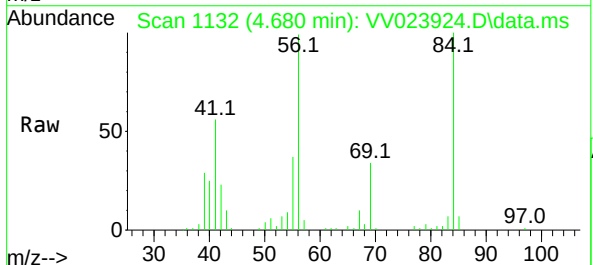
RT: 4.680 min Scan# 1132

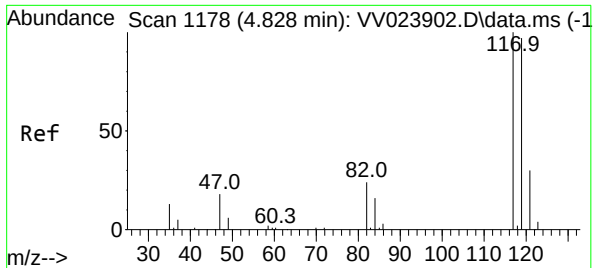
Delta R.T. 0.007 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Tgt Ion:	56	Resp:	57080
Ion	Ratio	Lower	Upper
56	100		
69	32.7	24.8	37.2
84	96.9	75.9	113.9

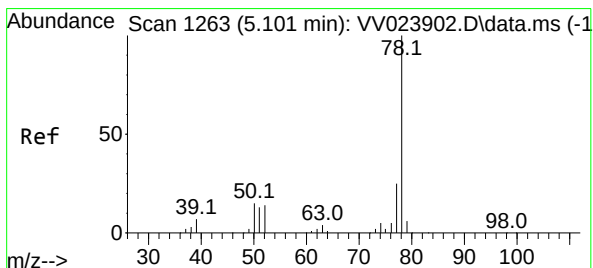
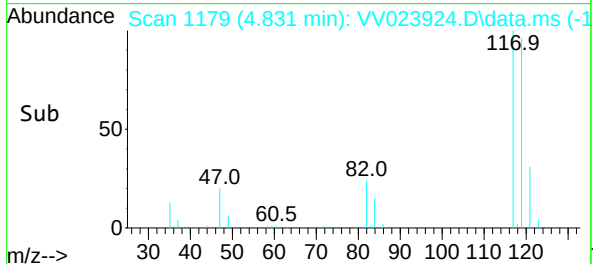
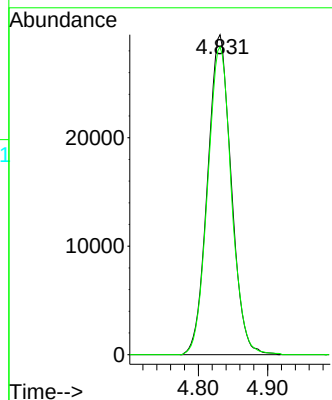
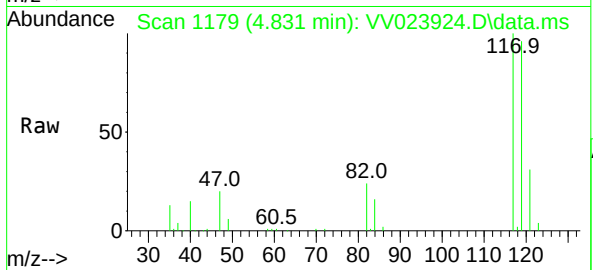




#31
Carbon tetrachloride
Concen: 4.985 ug/L
RT: 4.831 min Scan# 1178
Delta R.T. 0.007 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

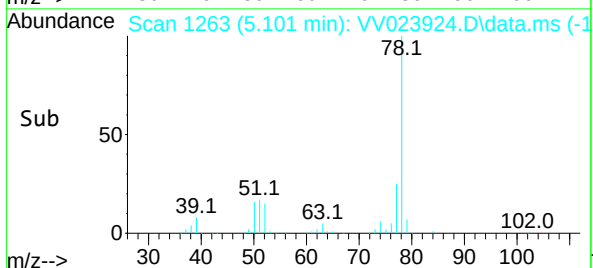
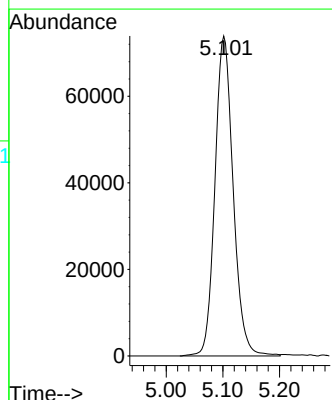
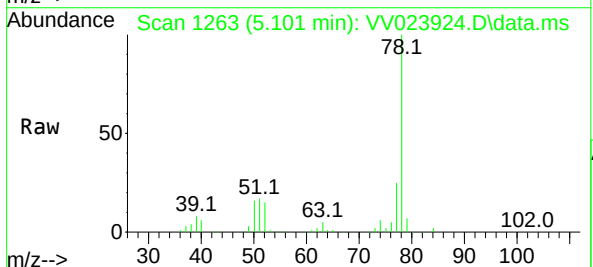
Instrument :
MSVOA_V
ClientSampleId :

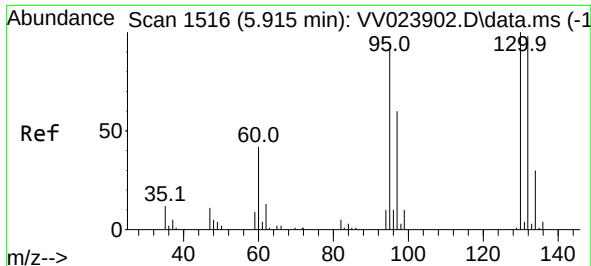
Tgt Ion:117 Resp: 69972
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8



#33
Benzene
Concen: 5.114 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

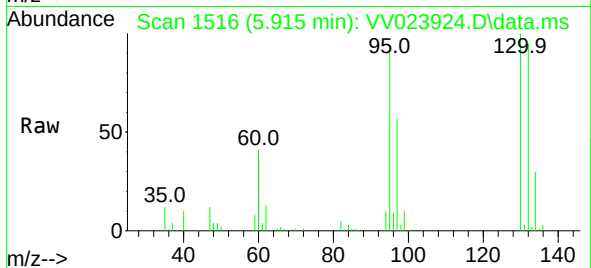
Tgt Ion: 78 Resp: 165126



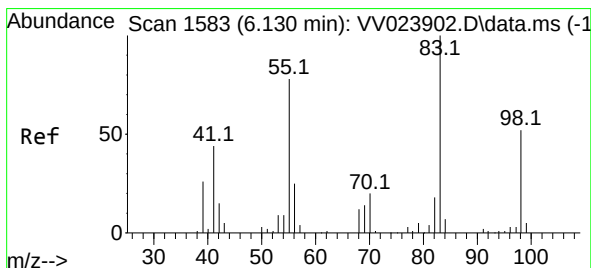
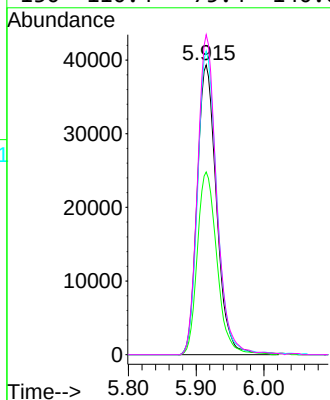
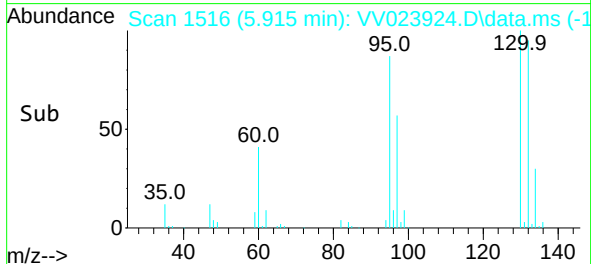


#34
Trichloroethene
Concen: 8.564 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

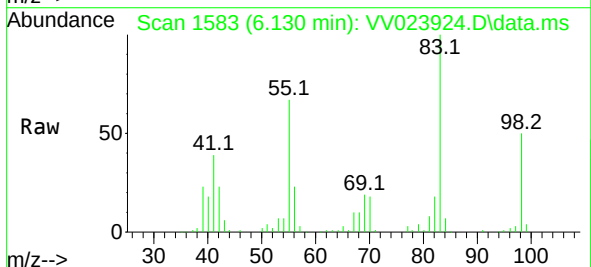
Instrument :
MSVOA_V
ClientSampleId :



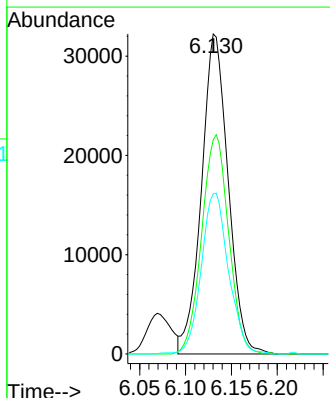
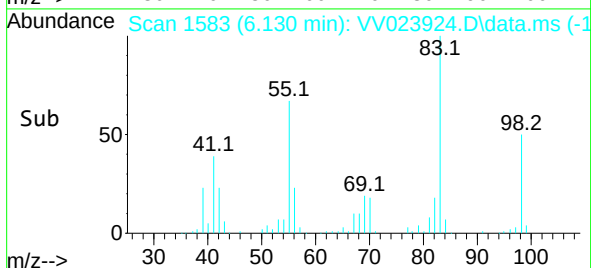
Tgt Ion: 95 Resp: 78002
Ion Ratio Lower Upper
95 100
97 63.1 45.2 84.0
132 104.8 76.1 141.3
130 110.4 75.4 140.0

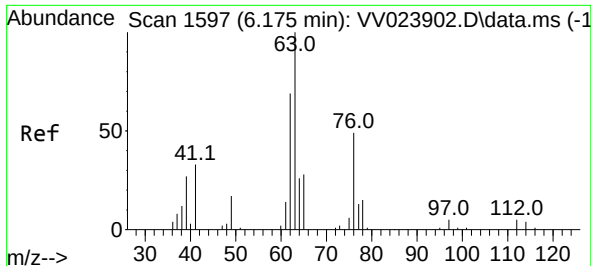


#35
Methylcyclohexane
Concen: 4.869 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36



Tgt Ion: 83 Resp: 65267
Ion Ratio Lower Upper
83 100
55 69.1 60.2 90.2
98 51.4 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.047 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

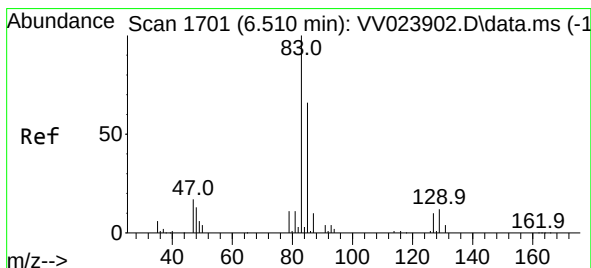
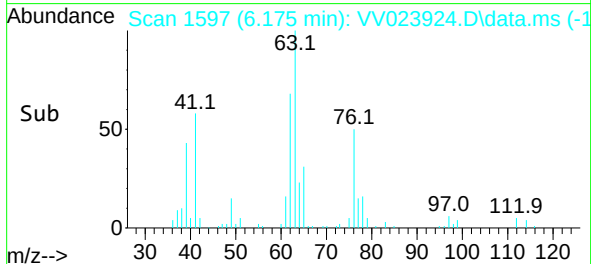
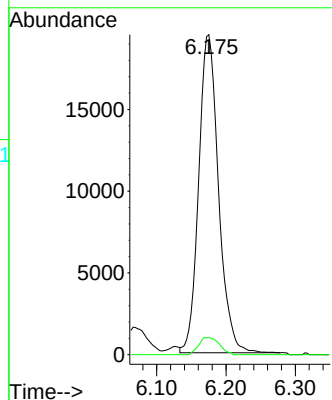
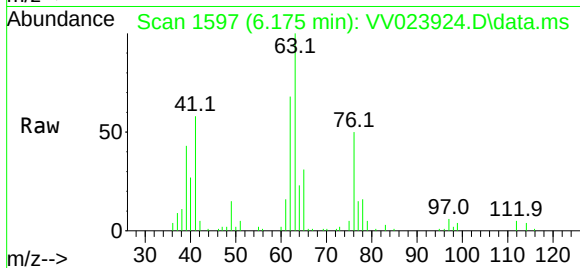
ClientSampleId :

Tgt Ion: 63 Resp: 38733

Ion Ratio Lower Upper

63 100

112 5.6 4.3 6.5



#38

Bromodichloromethane

Concen: 5.040 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

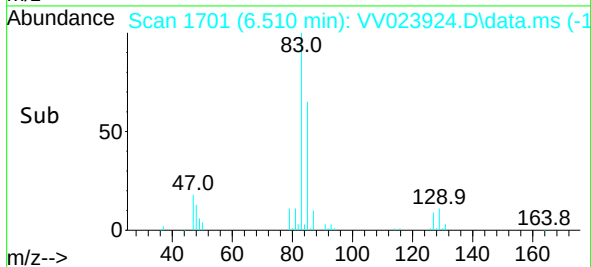
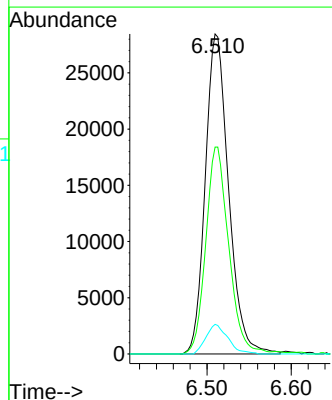
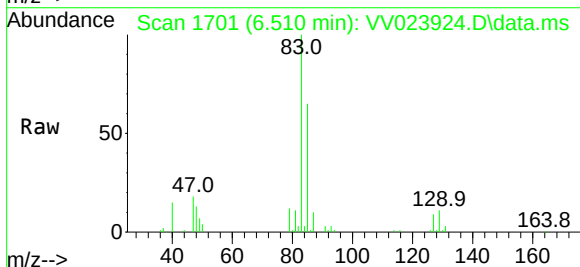
Tgt Ion: 83 Resp: 54797

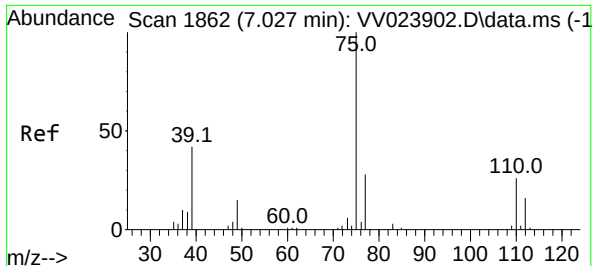
Ion Ratio Lower Upper

83 100

85 64.7 44.0 81.8

127 9.3 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.821 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

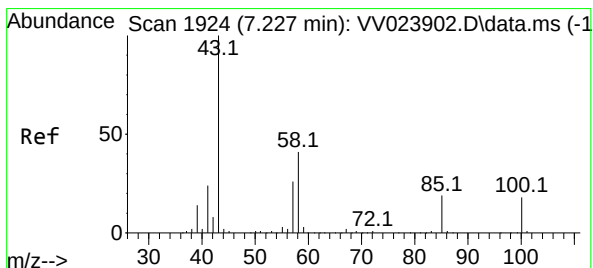
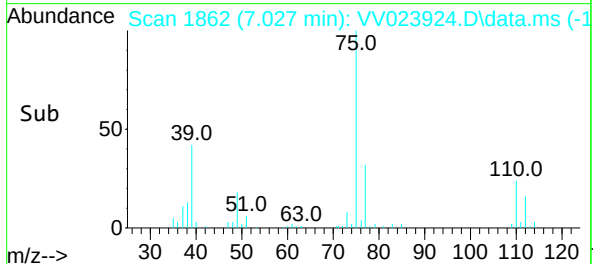
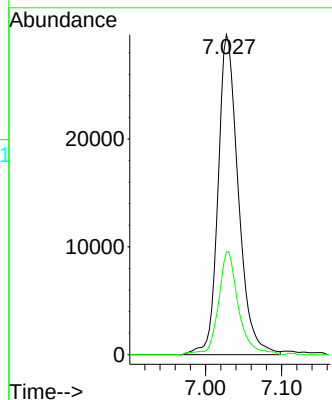
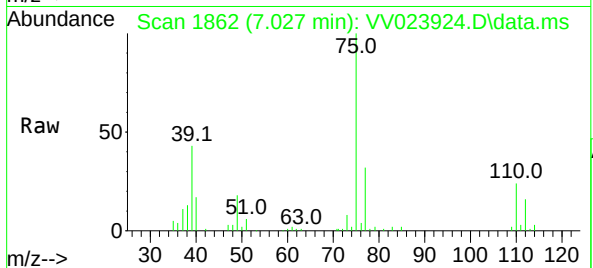
ClientSampleId :

Tgt Ion: 75 Resp: 54932

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 53.780 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

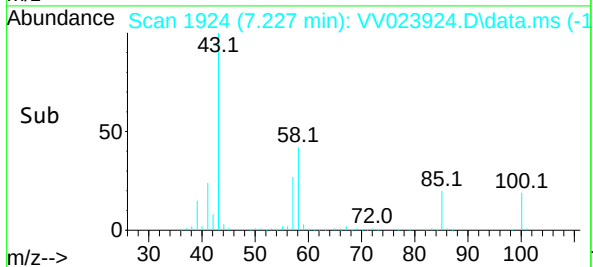
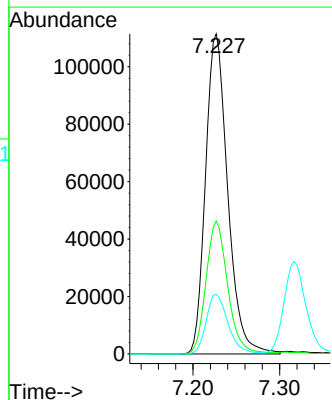
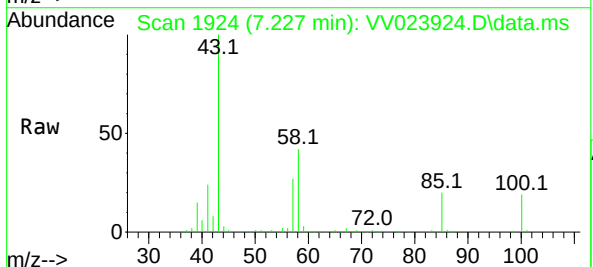
Tgt Ion: 43 Resp: 198272

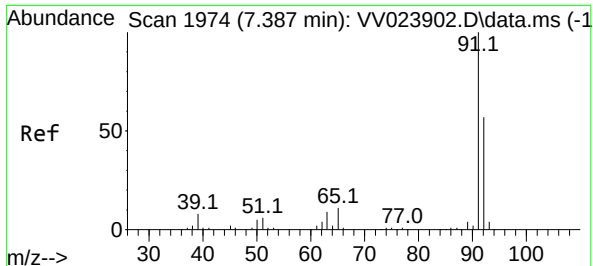
Ion Ratio Lower Upper

43 100

58 40.7 32.3 48.5

100 18.4 13.0 19.6





#42

Toluene

Concen: 5.074 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

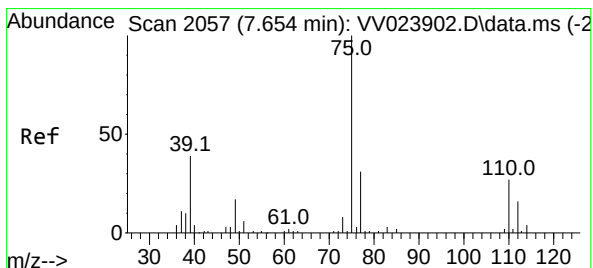
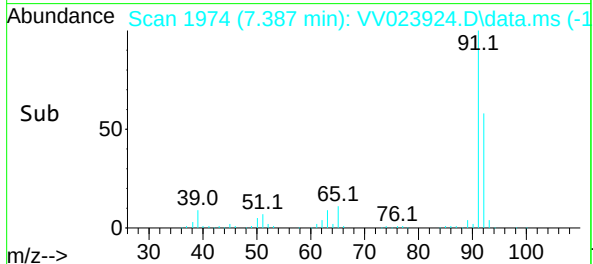
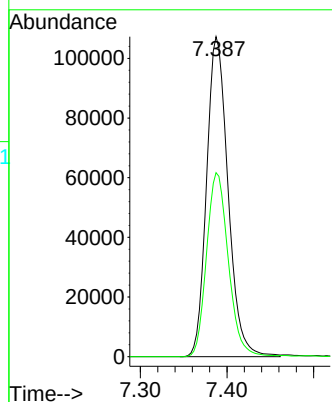
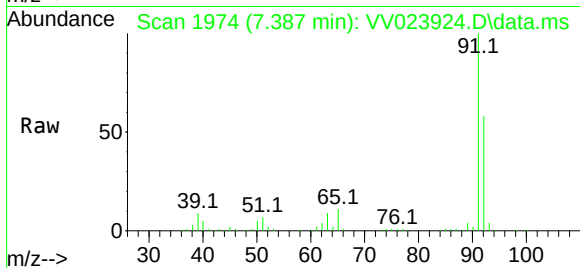
ClientSampleId :

Tgt Ion: 91 Resp: 184389

Ion Ratio Lower Upper

91 100

92 57.5 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.819 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV023924.D

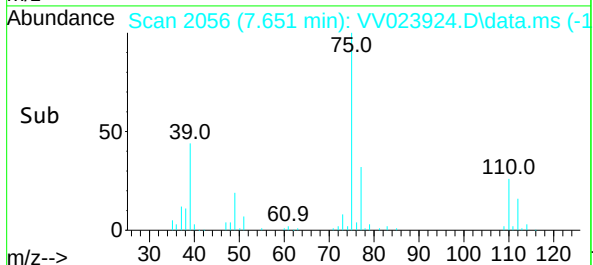
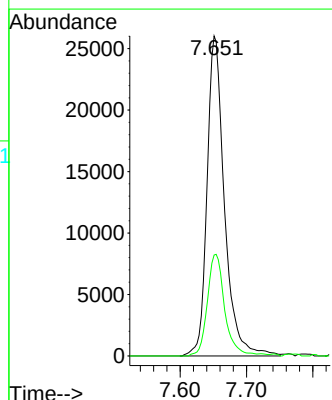
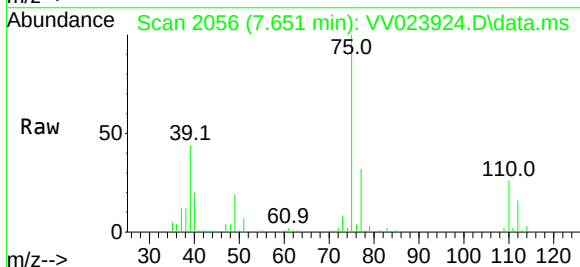
Acq: 11 Dec 2021 06:36

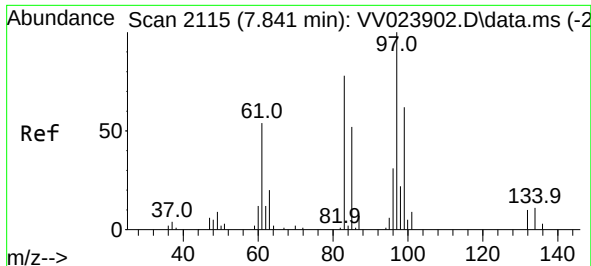
Tgt Ion: 75 Resp: 47461

Ion Ratio Lower Upper

75 100

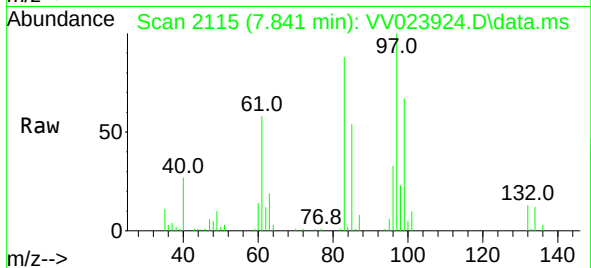
77 31.5 21.8 40.4



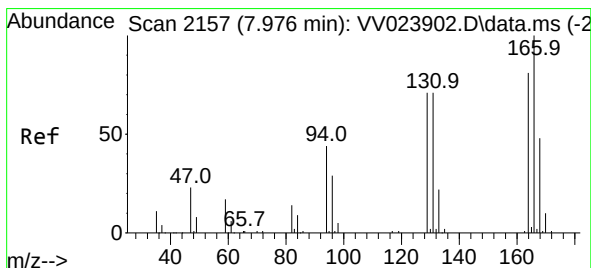
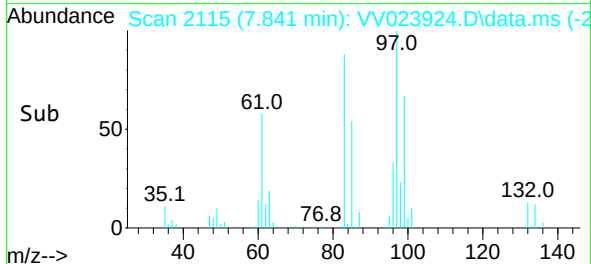
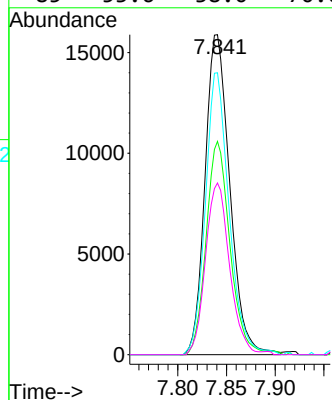


#45
1,1,2-Trichloroethane
Concen: 4.946 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Instrument :
MSVOA_V
ClientSampleId :

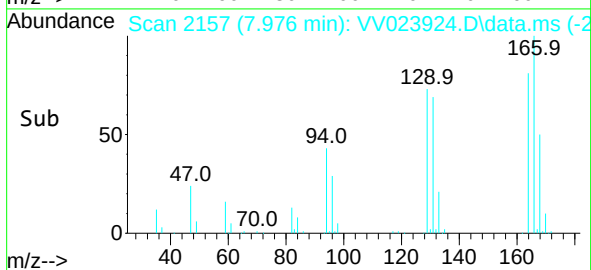
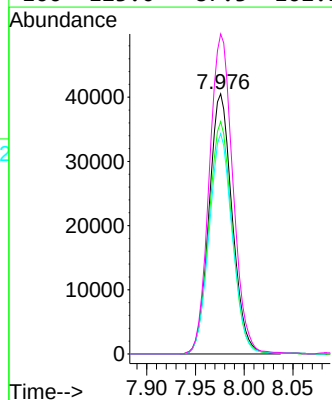
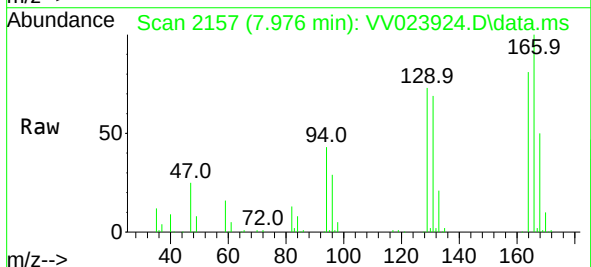


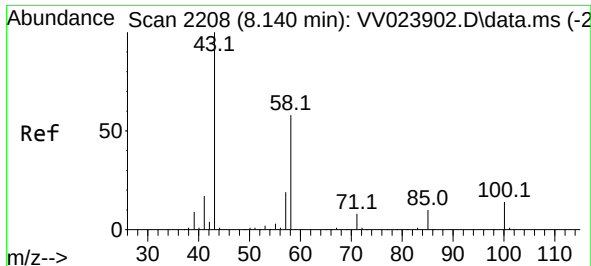
Tgt Ion: 97	Resp: 28085
Ion Ratio	Lower Upper
97 100	
99 66.6	43.1 80.1
83 88.1	57.9 107.5
85 53.6	38.0 70.6



#47
Tetrachloroethene
Concen: 8.348 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

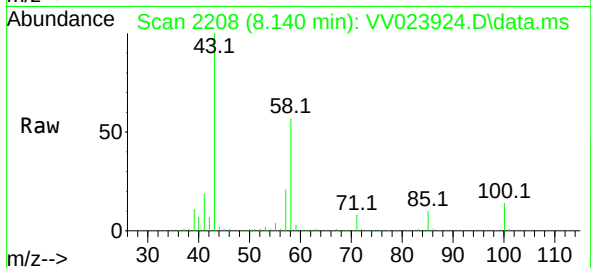
Tgt	Ion:164	Resp:	66935
Ion	Ratio	Lower	Upper
164	100		
129	89.3	62.6	116.2
131	84.7	61.0	113.4
166	123.0	87.3	162.1



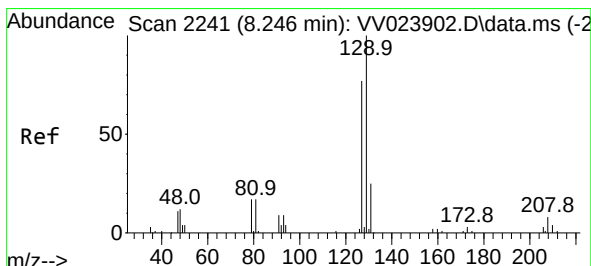
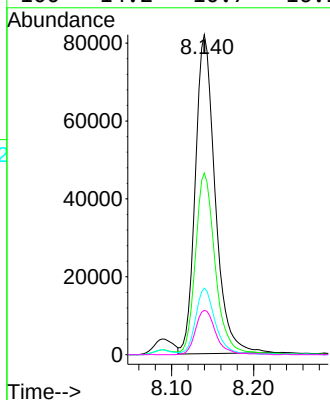
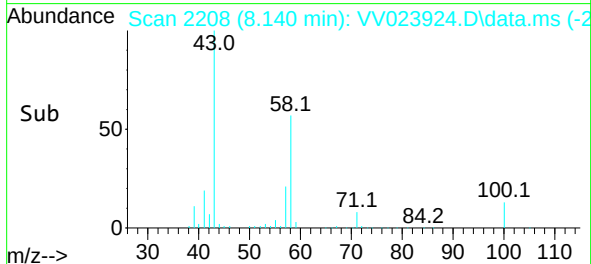


#48
2-Hexanone
Concen: 51.426 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Instrument :
MSVOA_V
ClientSampleId :

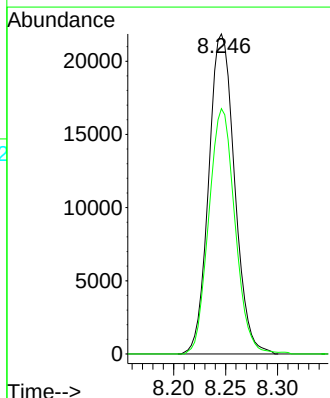
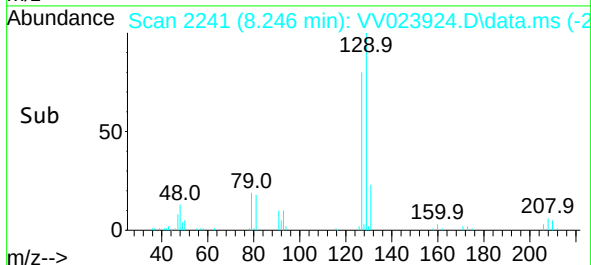
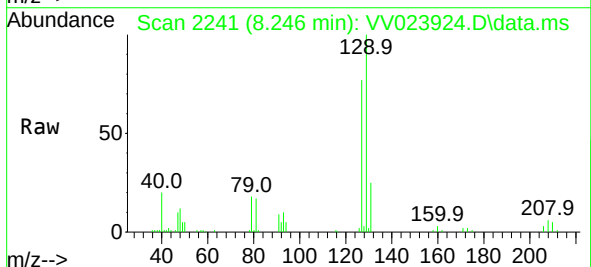


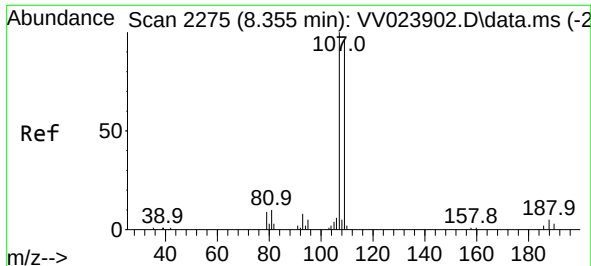
Tgt Ion: 43 Resp: 137475
Ion Ratio Lower Upper
43 100
58 57.0 44.5 66.7
57 19.9 15.1 22.7
100 14.2 10.7 16.1



#49
Dibromochloromethane
Concen: 4.909 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

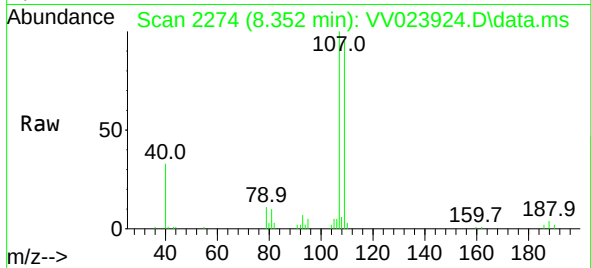
Tgt Ion: 129 Resp: 37920
Ion Ratio Lower Upper
129 100
127 76.7 53.5 99.3



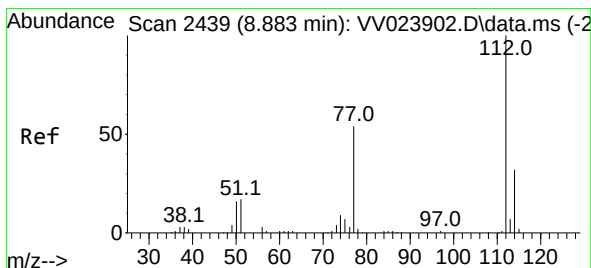
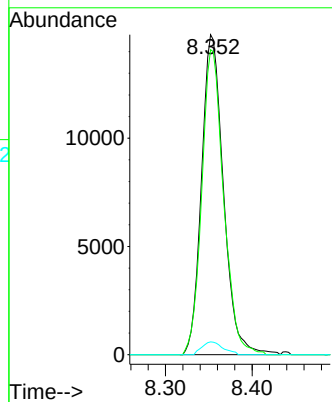
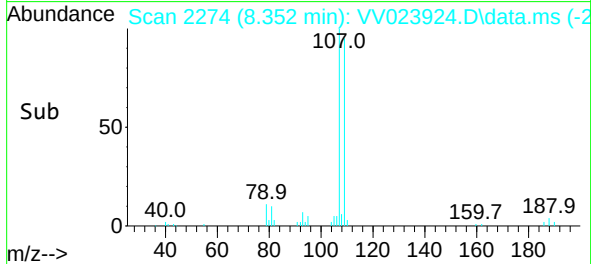


#50
1,2-Dibromoethane
Concen: 4.930 ug/L
RT: 8.352 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Instrument :
MSVOA_V
ClientSampleId :

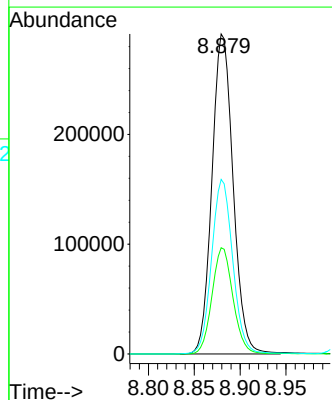
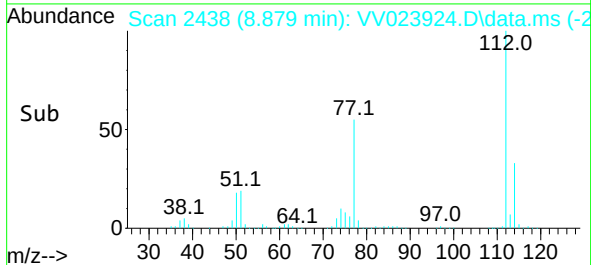
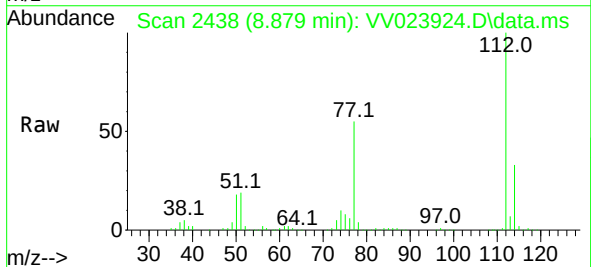


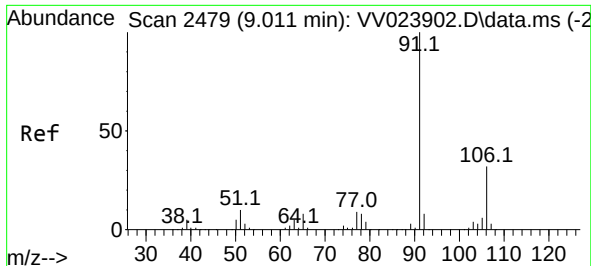
Tgt Ion:107 Resp: 25989
Ion Ratio Lower Upper
107 100
109 95.3 62.5 116.1
188 4.0 3.4 5.2



#51
Chlorobenzene
Concen: 19.272 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion:112 Resp: 468098
Ion Ratio Lower Upper
112 100
114 33.2 23.3 43.3
77 54.6 43.3 64.9





#52

Ethylbenzene

Concen: 5.252 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

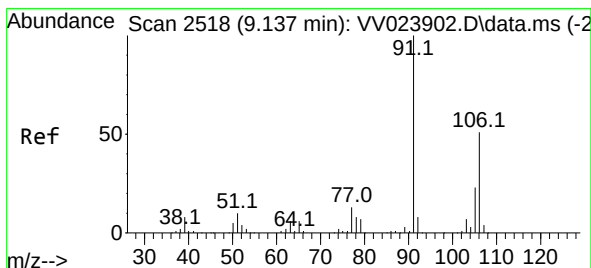
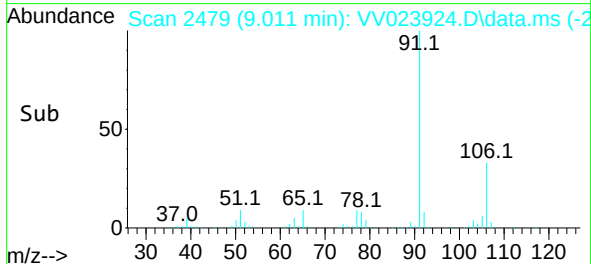
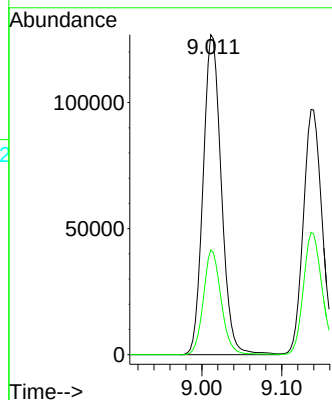
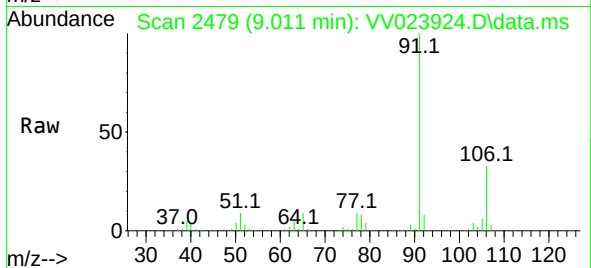
ClientSampleId :

Tgt Ion: 91 Resp: 201388

Ion Ratio Lower Upper

91 100

106 32.8 22.0 41.0



#53

m,p-xylene

Concen: 5.256 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV023924.D

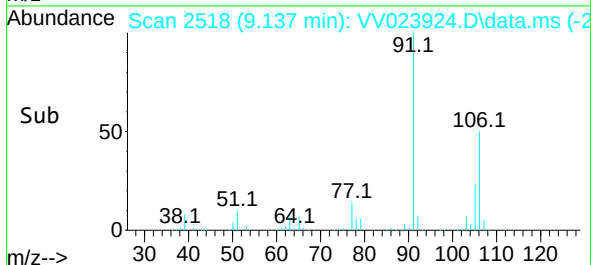
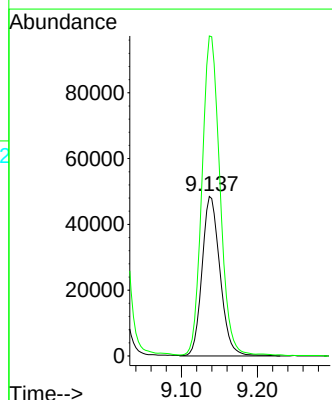
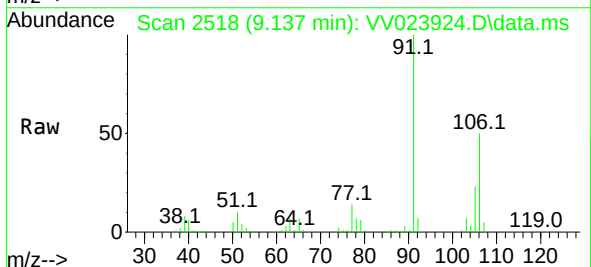
Acq: 11 Dec 2021 06:36

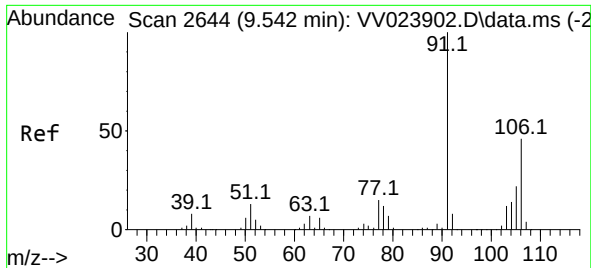
Tgt Ion:106 Resp: 79697

Ion Ratio Lower Upper

106 100

91 200.5 139.5 259.1

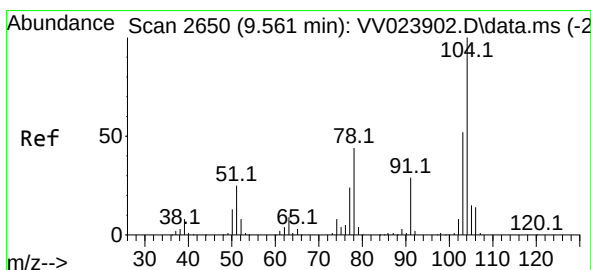
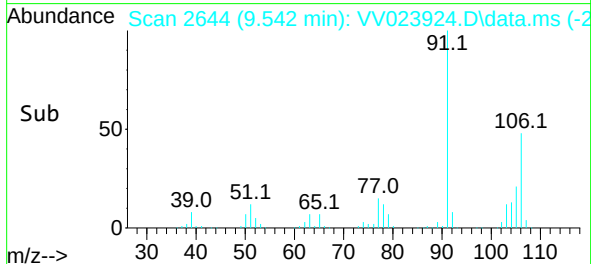
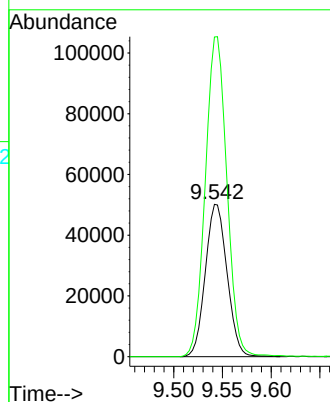
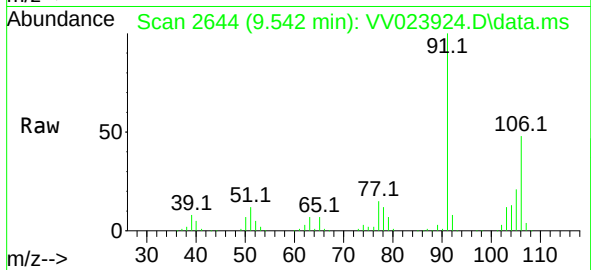




#54
o-xylene
Concen: 5.296 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

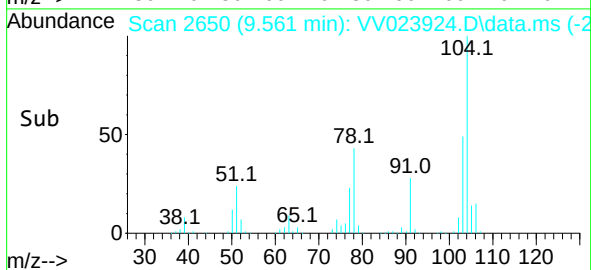
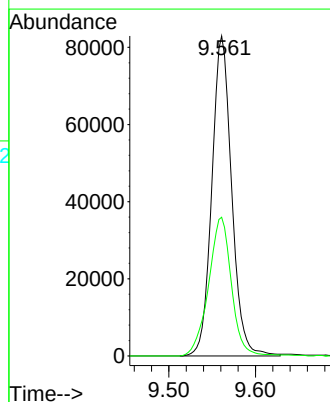
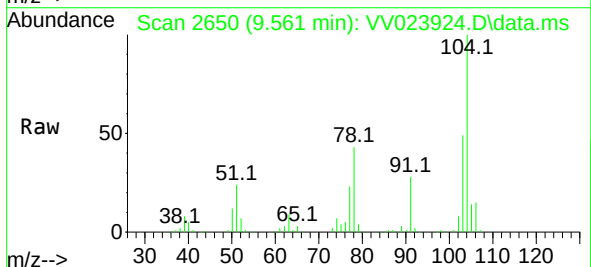
Instrument :
MSVOA_V
ClientSampleId :

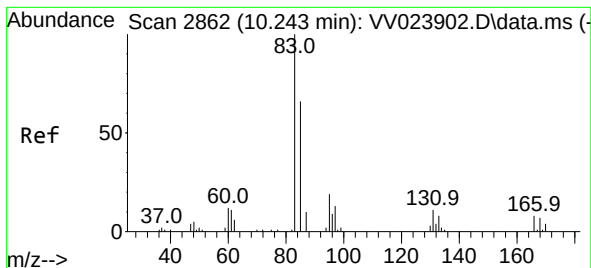
Tgt Ion:106 Resp: 77664
Ion Ratio Lower Upper
106 100
91 209.8 147.9 274.7



#55
Styrene
Concen: 5.407 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion:104 Resp: 131998
Ion Ratio Lower Upper
104 100
78 43.4 31.0 57.6





#57

1,1,2,2-Tetrachloroethane

Concen: 4.900 ug/L

RT: 10.239 min Scan# 2862

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

ClientSampleId :

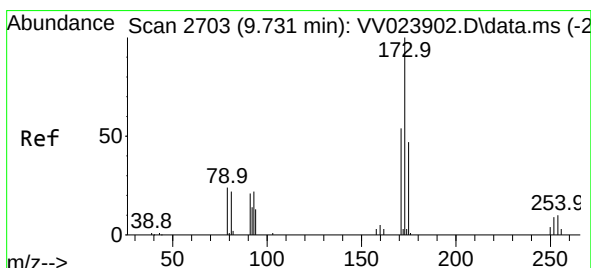
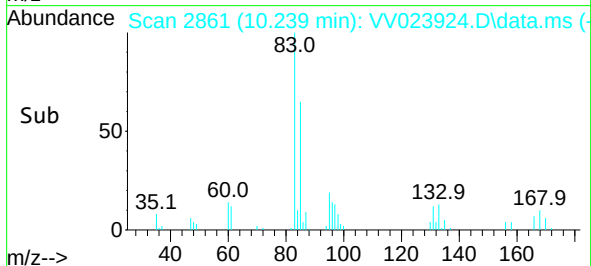
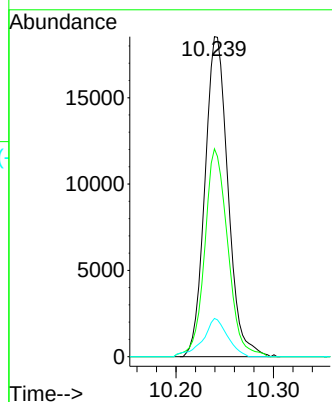
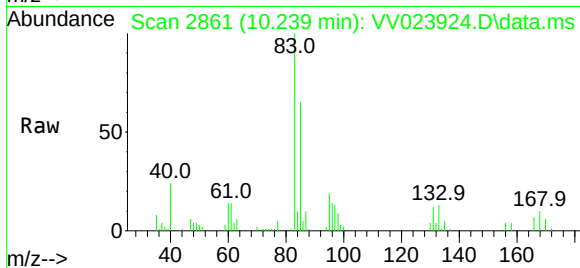
Tgt Ion: 83 Resp: 30463

Ion Ratio Lower Upper

83 100

85 65.0 44.6 82.8

131 12.0 8.3 12.5



#59

Bromoform

Concen: 4.404 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

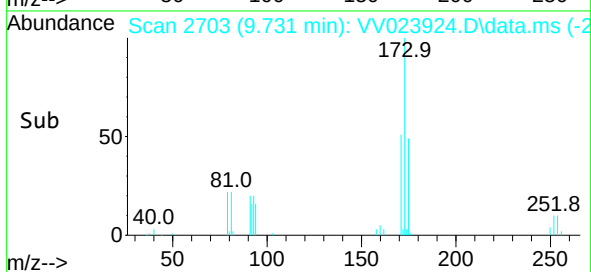
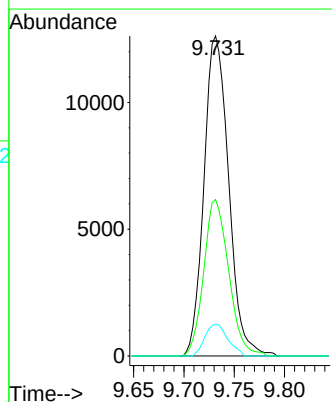
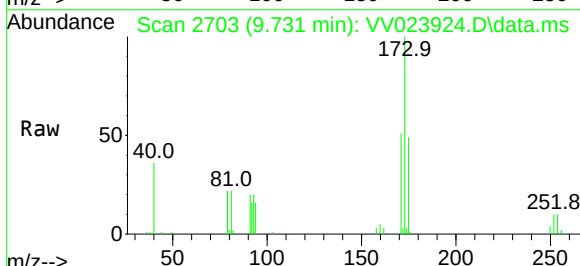
Tgt Ion: 173 Resp: 21571

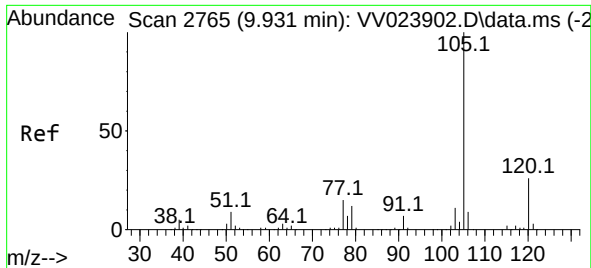
Ion Ratio Lower Upper

173 100

175 49.4 39.4 59.2

254 9.2 7.4 11.0

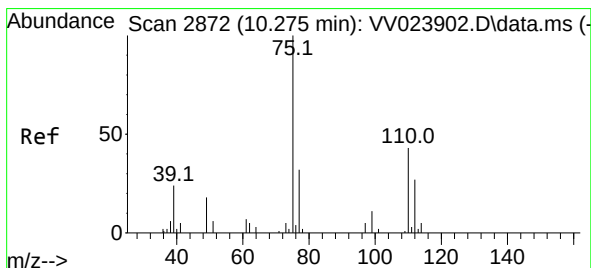
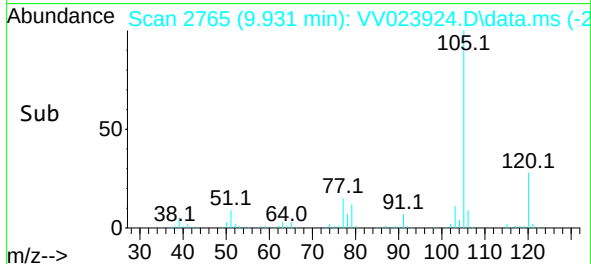
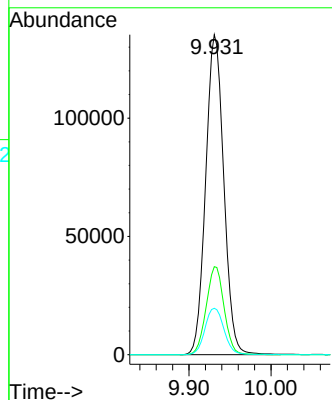
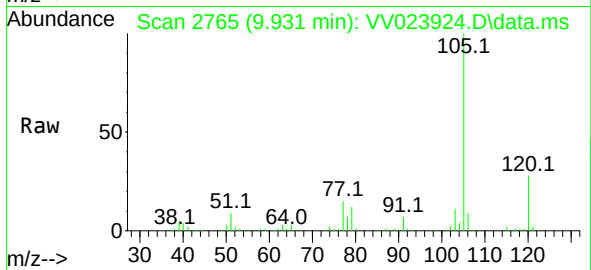




#60
Isopropylbenzene
Concen: 4.627 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

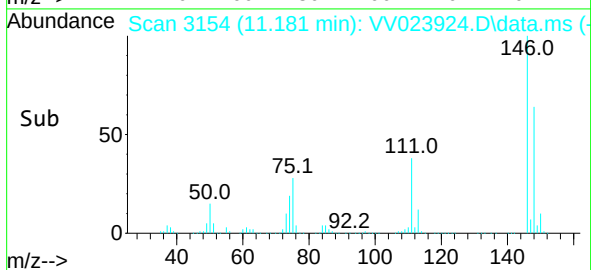
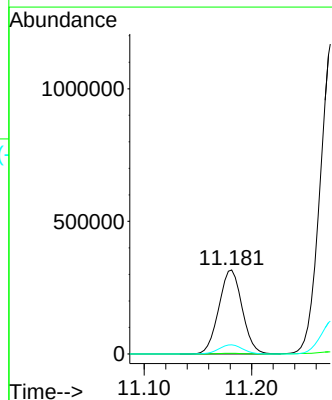
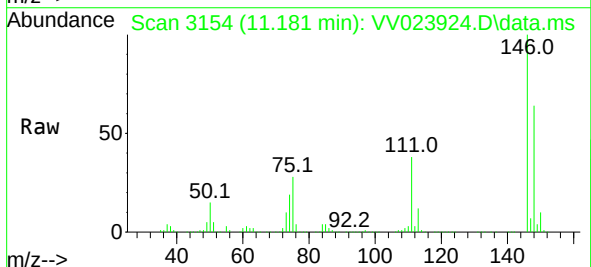
Instrument :
MSVOA_V
ClientSampleId :

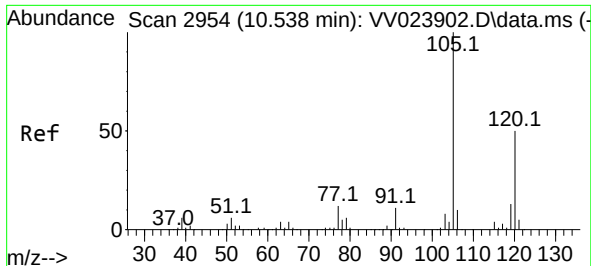
Tgt Ion:105 Resp: 207344
Ion Ratio Lower Upper
105 100
120 27.1 21.4 32.0
77 15.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 92.005 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.910 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion: 75 Resp: 478370
Ion Ratio Lower Upper
75 100
77 4.5 26.4 39.6#
110 11.1 34.2 51.2#





#62

1,3,5-Trimethylbenzene

Concen: 4.817 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

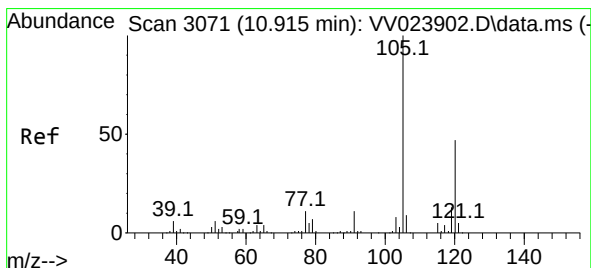
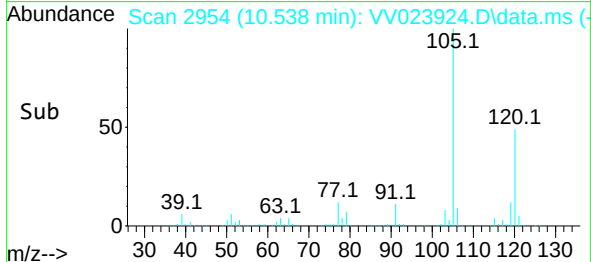
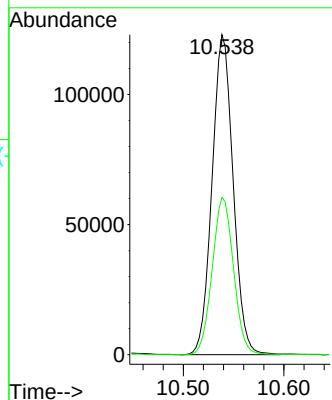
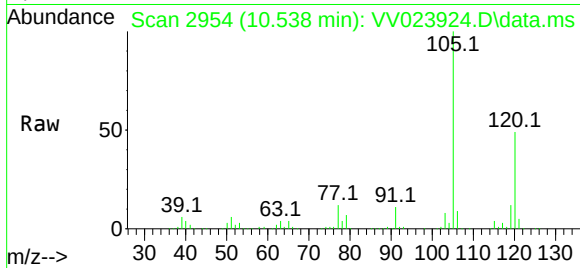
ClientSampleId :

Tgt Ion:105 Resp: 179060

Ion Ratio Lower Upper

105 100

120 49.7 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 4.830 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.000 min

Lab File: VV023924.D

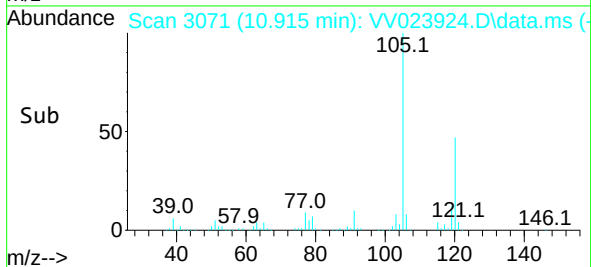
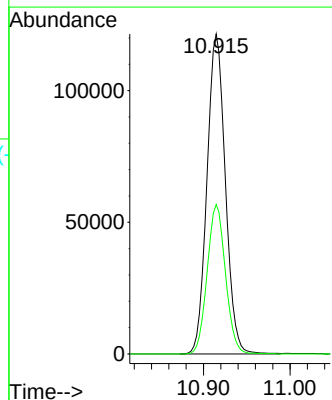
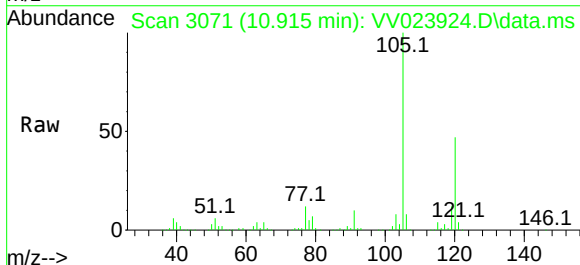
Acq: 11 Dec 2021 06:36

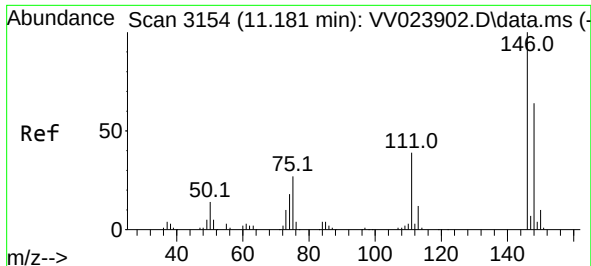
Tgt Ion:105 Resp: 178866

Ion Ratio Lower Upper

105 100

120 46.5 36.7 55.1

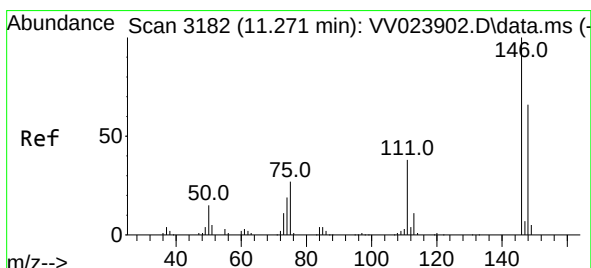
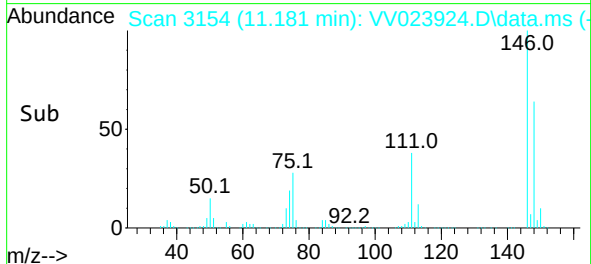
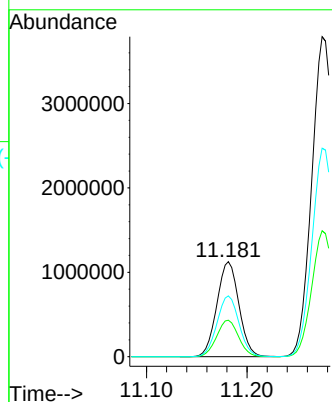
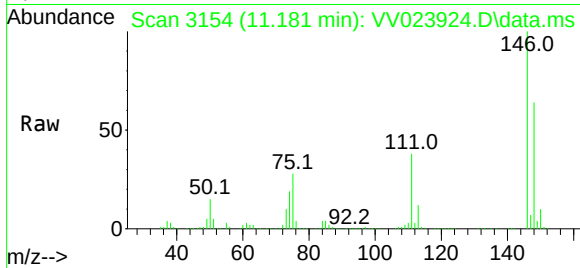




#64
1,3-Dichlorobenzene
Concen: 74.627 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

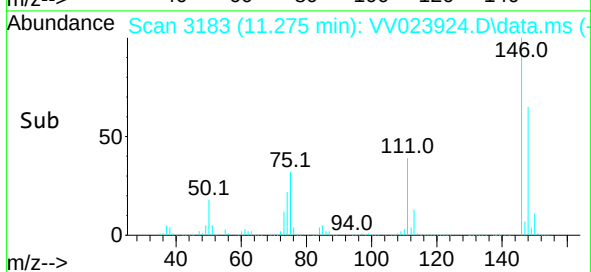
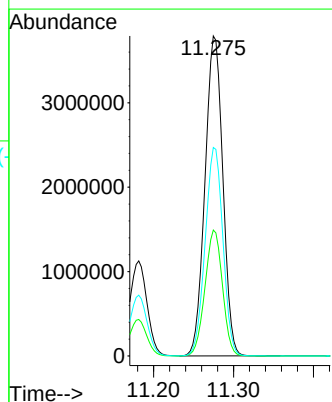
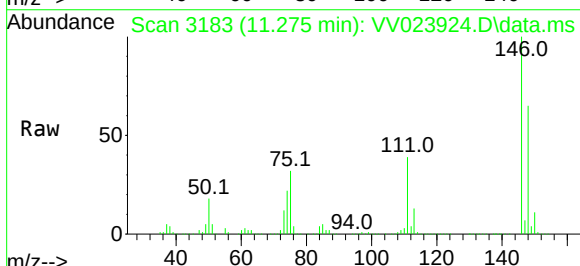
Instrument :
MSVOA_V
ClientSampleId :

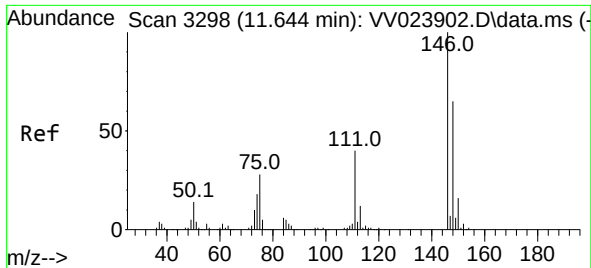
Tgt Ion:146 Resp: 1710310
Ion Ratio Lower Upper
146 100
111 38.5 26.3 48.9
148 64.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 255.705 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion:146 Resp: 5885911
Ion Ratio Lower Upper
146 100
111 39.3 25.6 47.6
148 65.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 328.165 ug/L

RT: 11.648 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

Instrument :

MSVOA_V

ClientSampleId :

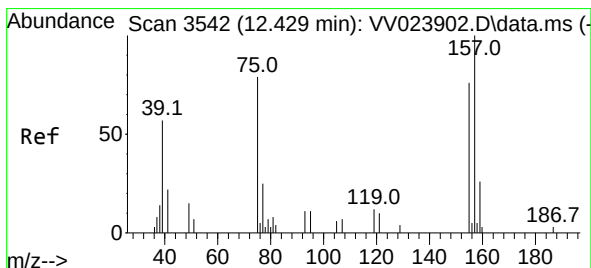
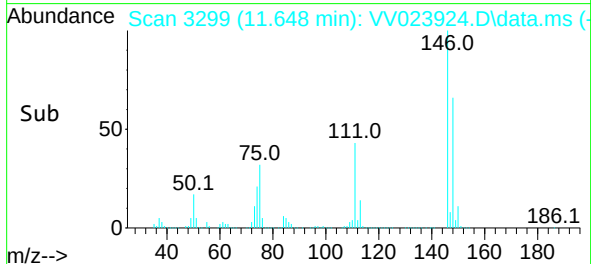
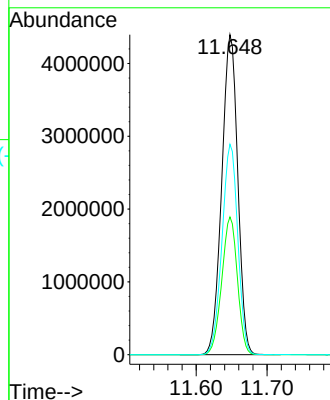
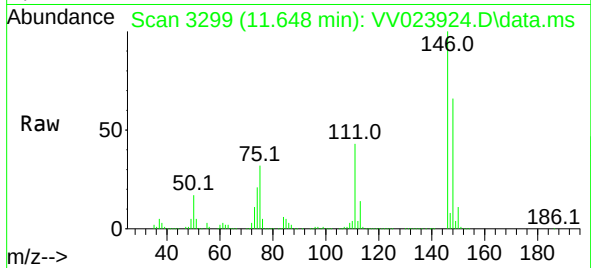
Tgt Ion:146 Resp: 6890437

Ion Ratio Lower Upper

146 100

111 43.1 31.9 47.9

148 65.7 50.5 75.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.537 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. -0.003 min

Lab File: VV023924.D

Acq: 11 Dec 2021 06:36

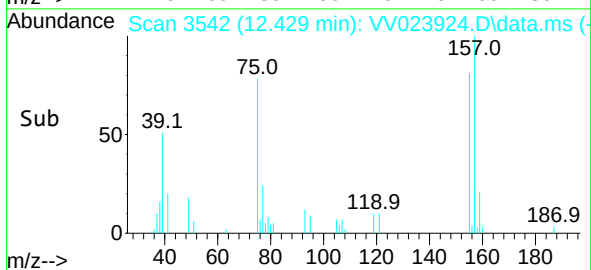
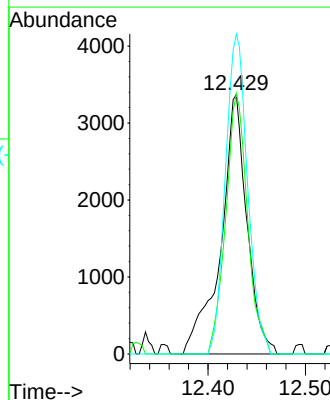
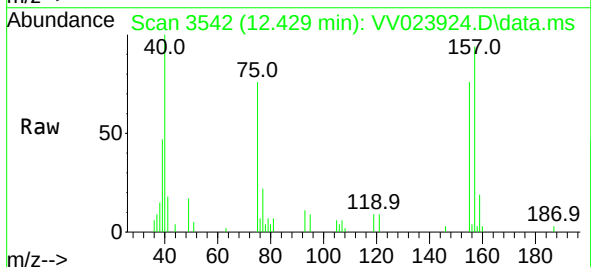
Tgt Ion: 75 Resp: 6288

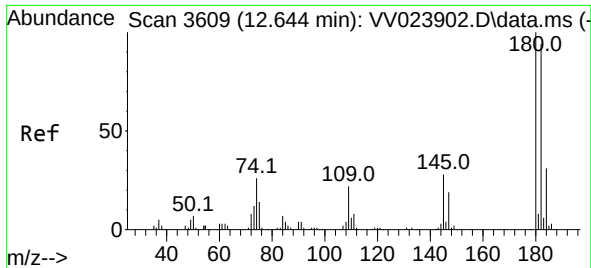
Ion Ratio Lower Upper

75 100

155 100.4 71.7 107.5

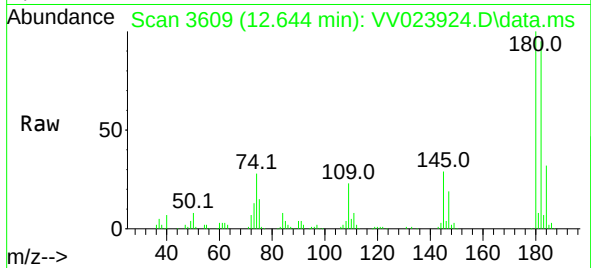
157 123.4 103.3 154.9



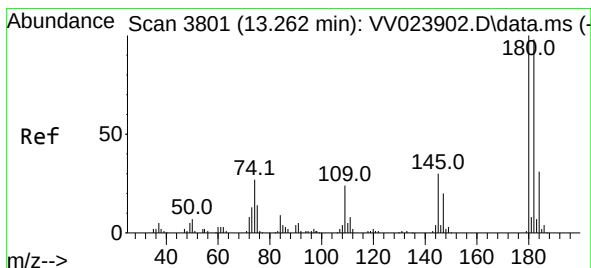
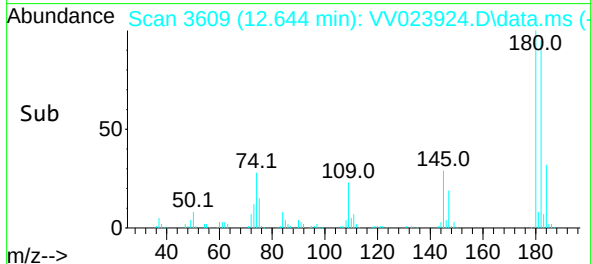
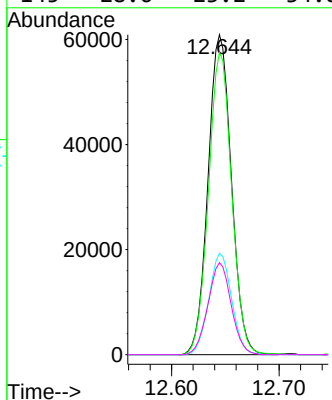


#69
 1,3,5-Trichlorobenzene
 Concen: 4.871 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. 0.000 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

Instrument :
 MSVOA_V
 ClientSampleId :

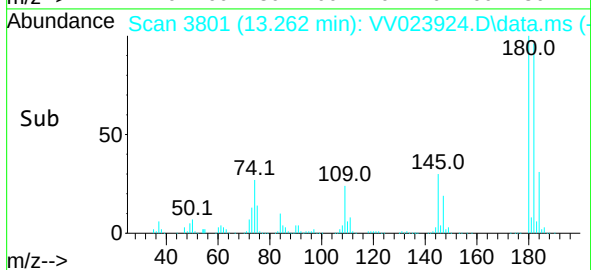
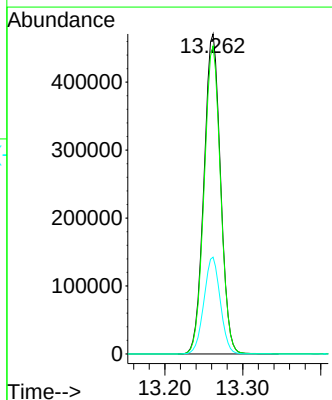
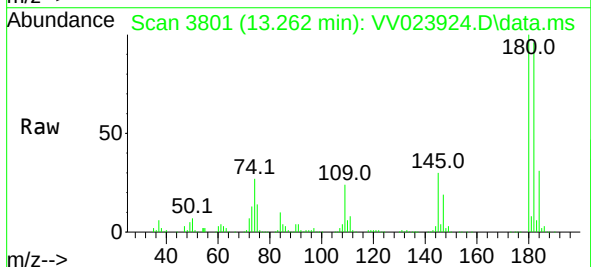


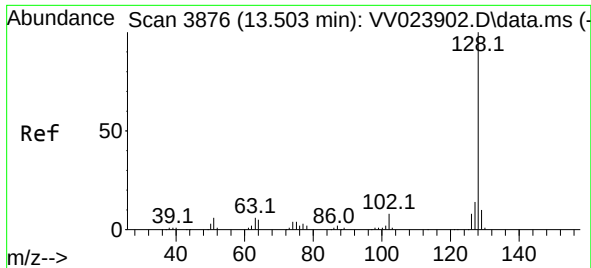
Tgt Ion:180 Resp: 91810
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.4 114.6
 184 31.0 24.2 36.4
 145 28.6 23.2 34.8



#70
 1,2,4-trichlorobenzene
 Concen: 46.889 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.000 min
 Lab File: VV023924.D
 Acq: 11 Dec 2021 06:36

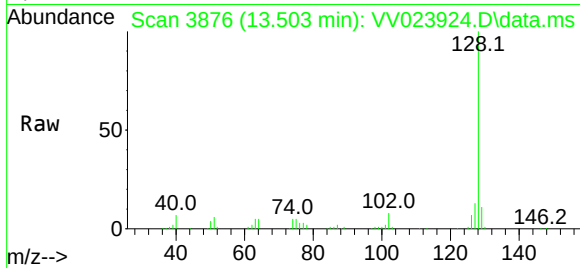
Tgt Ion:180 Resp: 694196
 Ion Ratio Lower Upper
 180 100
 182 95.6 74.4 111.6
 145 29.9 23.3 34.9



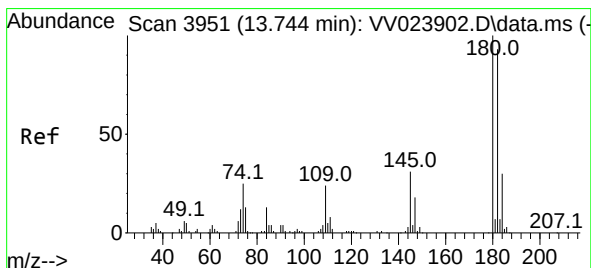
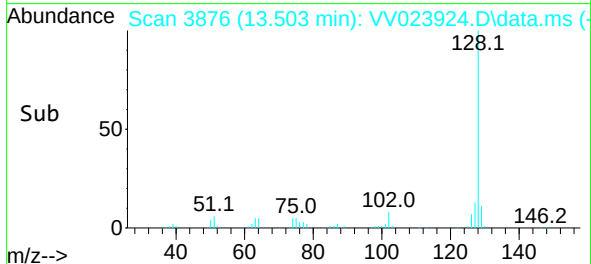
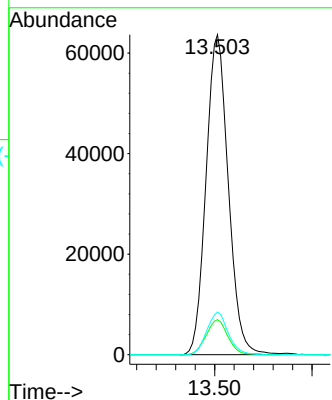


#71
Naphthalene
Concen: 4.743 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 100921
Ion Ratio Lower Upper
128 100
129 10.6 9.0 13.4
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 28.063 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV023924.D
Acq: 11 Dec 2021 06:36

Tgt Ion:180 Resp: 366796
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 32.0 25.8 38.6

