

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021022\
 Data File : VW024590.D
 Acq On : 10 Feb 2022 23:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 12 00:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123228	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121538	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	62095	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	43650	4.226	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.571	69	40164	4.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.114	63	101811	4.506	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.200%
20) 2-Butanone-d5	3.892	46	99474	58.011	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.020%
24) Chloroform-d	4.352	84	90614	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.034	65	41665	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.050	84	175674	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.069	67	54105	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.317	98	160581	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	7.622	79	20242	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.088	63	84359	55.282	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34614	5.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	50885	5.084	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	79956	4.938	ug/L	99
3) Chloromethane	1.243	50	74724	4.690	ug/L	99
5) Vinyl chloride	1.314	62	80388	4.685	ug/L	99
6) Bromomethane	1.526	94	47077	4.457	ug/L	99
8) Chloroethane	1.587	64	52011	4.949	ug/L	97
9) Trichlorofluoromethane	1.757	101	119219	5.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	62049	4.800	ug/L #	87
12) 1,1-Dichloroethene	2.121	96	60340	4.729	ug/L	93
13) Acetone	2.185	43	70509	52.105	ug/L	73
14) Carbon disulfide	2.297	76	185434	4.573	ug/L	99
15) Methyl Acetate	2.439	43	18635	4.815	ug/L	100
16) Methylene chloride	2.510	84	58846	4.655	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	127320	4.843	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	59756	4.767	ug/L	93
19) 1,1-Dichloroethane	3.191	63	109694	5.067	ug/L	98
21) 2-Butanone	3.976	43	117550	52.414	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	62669	4.959	ug/L	92
23) Bromochloromethane	4.252	128	24332	5.070	ug/L	86
25) Chloroform	4.378	83	111228	4.909	ug/L	98

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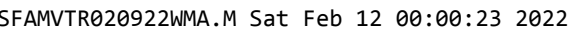
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 ClientSampleId :

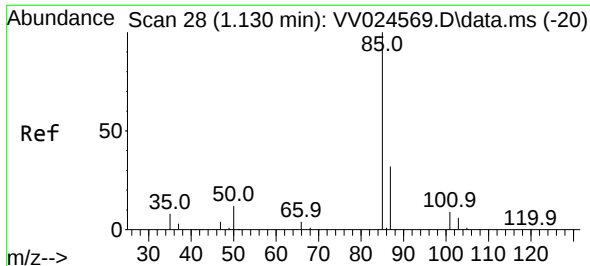
Quant Time: Feb 12 00:00:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 11 23:54:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	64633	5.203	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	102042	5.118	ug/L	96
30) Cyclohexane	4.680	56	102673	4.999	ug/L	98
31) Carbon tetrachloride	4.831	117	85906	5.087	ug/L	100
33) Benzene	5.101	78	247441	5.217	ug/L	100
34) Trichloroethene	5.915	95	64551	4.942	ug/L	89
35) Methylcyclohexane	6.130	83	107166	4.960	ug/L	98
37) 1,2-Dichloropropane	6.175	63	60281	5.243	ug/L #	96
38) Bromodichloromethane	6.510	83	77071	5.043	ug/L #	98
39) cis-1,3-Dichloropropene	7.027	75	86609	4.943	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	307042	51.751	ug/L	100
42) Toluene	7.387	91	261945	5.069	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	70760	4.889	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	38017	5.103	ug/L	96
47) Tetrachloroethene	7.976	164	43262	4.993	ug/L	92
48) 2-Hexanone	8.136	43	218299	53.750	ug/L	98
49) Dibromochloromethane	8.246	129	44812	4.981	ug/L	100
50) 1,2-Dibromoethane	8.352	107	35821	5.123	ug/L #	95
51) Chlorobenzene	8.879	112	159602	5.040	ug/L	94
52) Ethylbenzene	9.011	91	290395	5.051	ug/L	98
53) m,p-xylene	9.136	106	108716	4.992	ug/L	97
54) o-xylene	9.542	106	106177	5.056	ug/L	95
55) Styrene	9.558	104	176995	5.134	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	41330	5.476	ug/L	98
59) Bromoform	9.731	173	19517	4.919	ug/L	99
60) Isopropylbenzene	9.931	105	287599	5.106	ug/L	98
61) 1,2,3-Trichloropropane	10.271	75	31326	5.117	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	246561	5.113	ug/L	96
63) 1,2,4-Trimethylbenzene	10.911	105	245630	5.123	ug/L	97
64) 1,3-Dichlorobenzene	11.178	146	117492	5.125	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	114721	5.038	ug/L	96
67) 1,2-Dichlorobenzene	11.641	146	104629	5.141	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6159	5.180	ug/L #	71
69) 1,3,5-Trichlorobenzene	12.644	180	83275	5.106	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	68721	5.218	ug/L	97
71) Naphthalene	13.500	128	119279	5.000	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55447	5.005	ug/L	96

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

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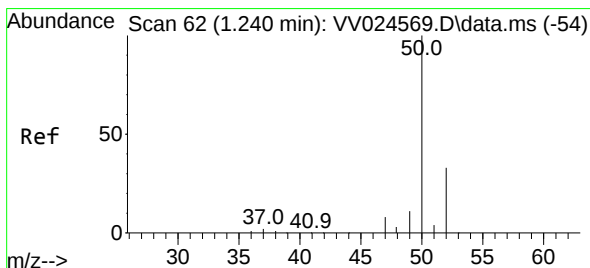
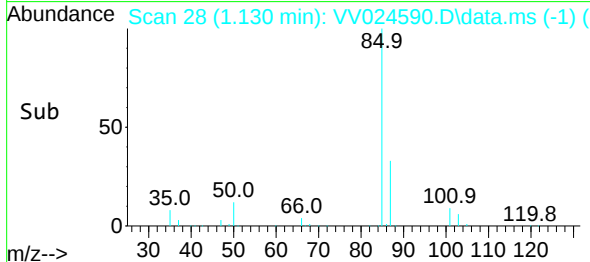
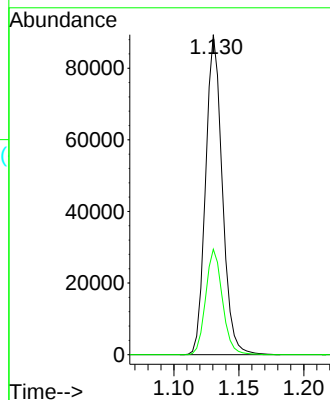
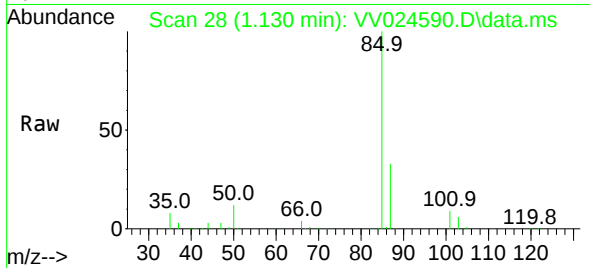




#2
 Dichlorodifluoromethane
 Concen: 4.938 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

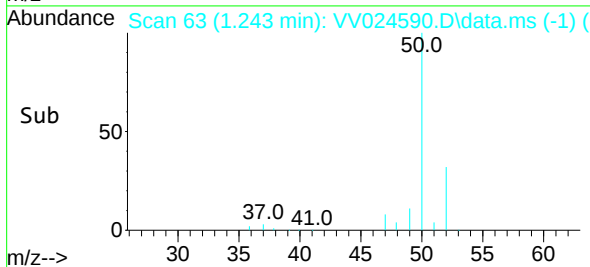
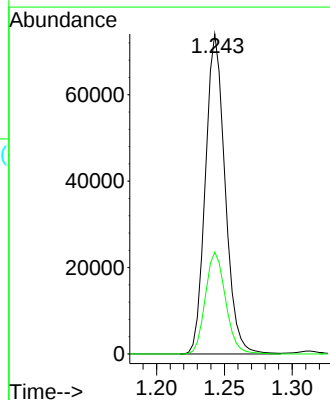
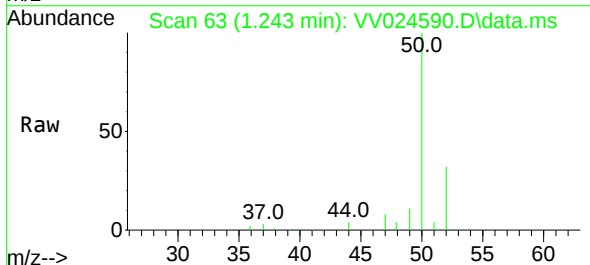
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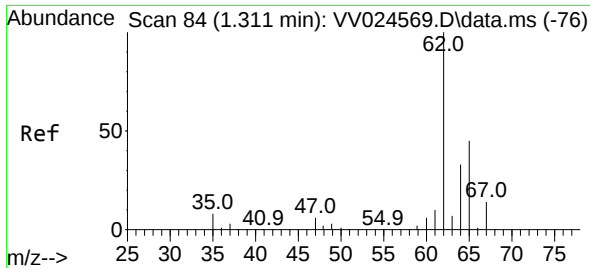
Tgt Ion: 85 Resp: 79956
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0



#3
 Chloromethane
 Concen: 4.690 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

Tgt Ion: 50 Resp: 74724
 Ion Ratio Lower Upper
 50 100
 52 31.9 22.0 41.0

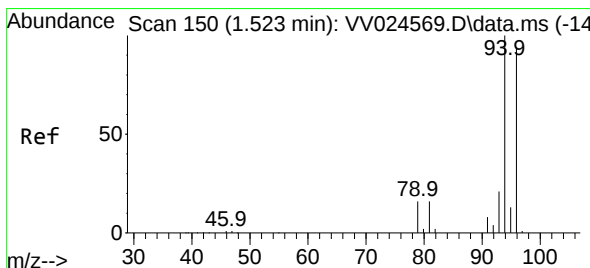
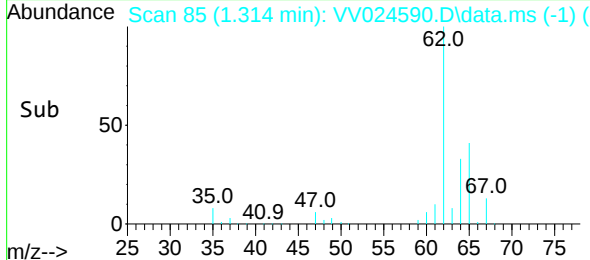
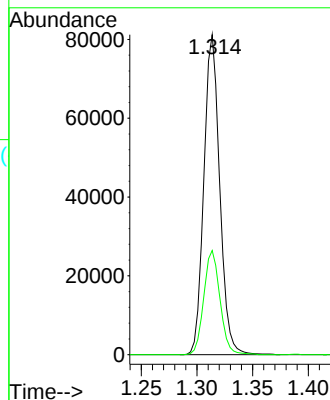
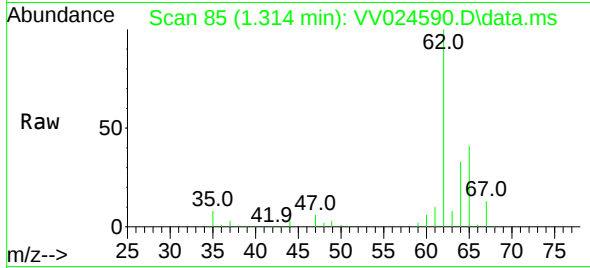




#5
 Vinyl chloride
 Concen: 4.685 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

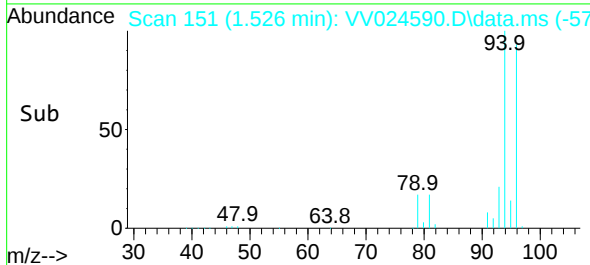
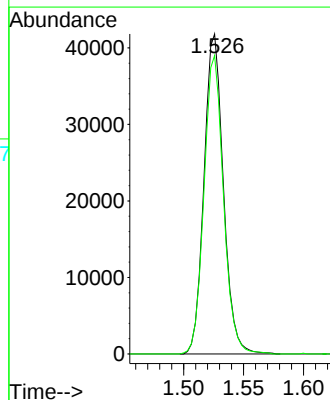
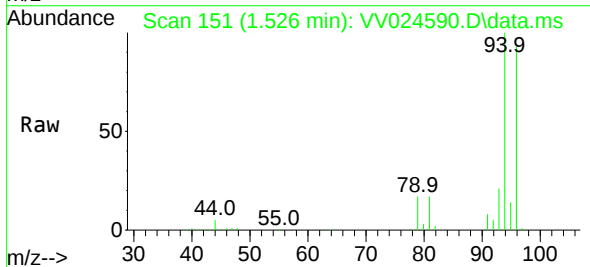
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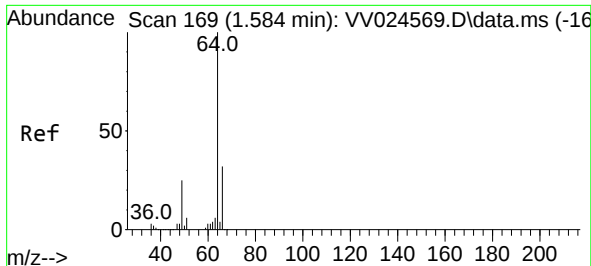
Tgt Ion: 62 Resp: 80388
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.4 41.6



#6
 Bromomethane
 Concen: 4.457 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.003 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

Tgt Ion: 94 Resp: 47077
 Ion Ratio Lower Upper
 94 100
 96 93.2 66.2 123.0

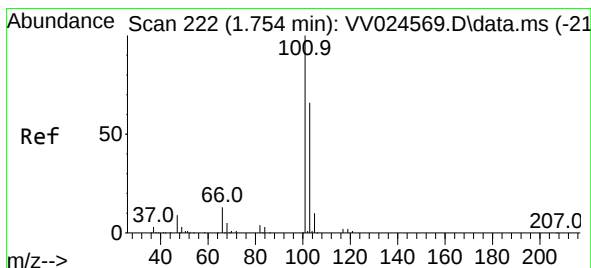
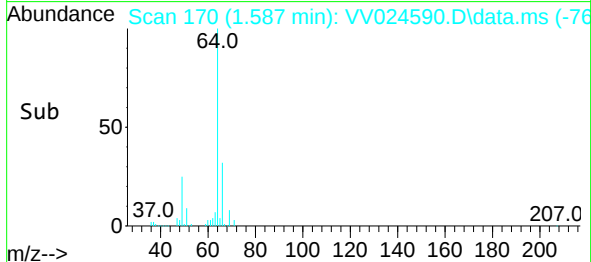
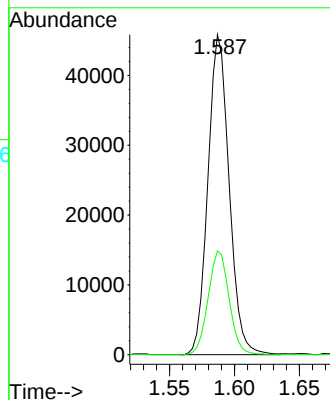
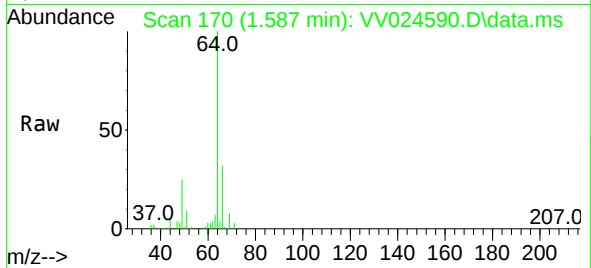




#8
Chloroethane
Concen: 4.949 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

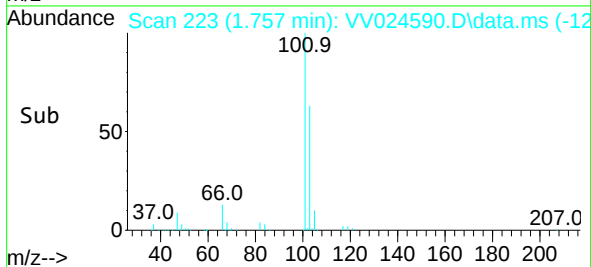
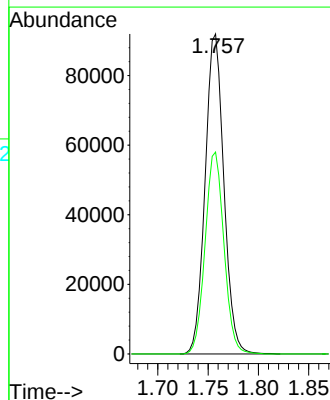
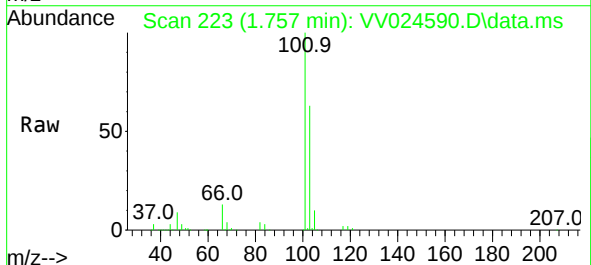
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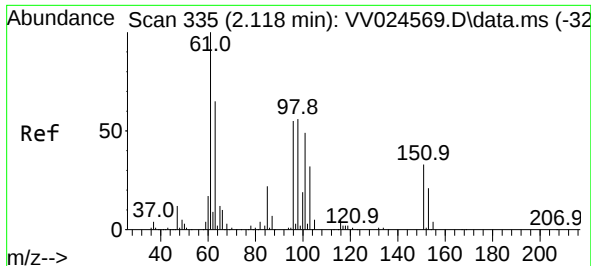
Tgt Ion: 64 Resp: 52011
Ion Ratio Lower Upper
64 100
66 32.4 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.141 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 101 Resp: 119219
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4

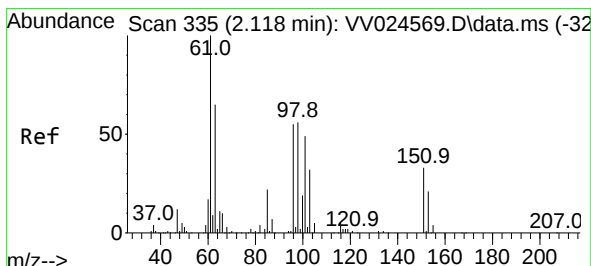
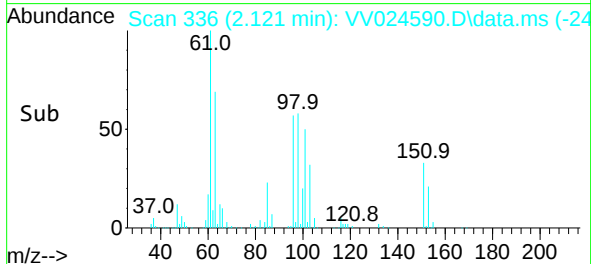
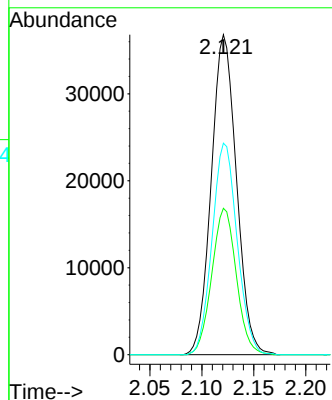
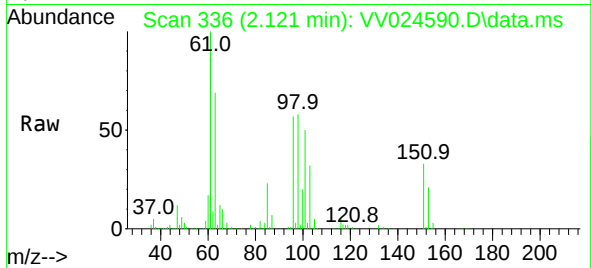




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.800 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

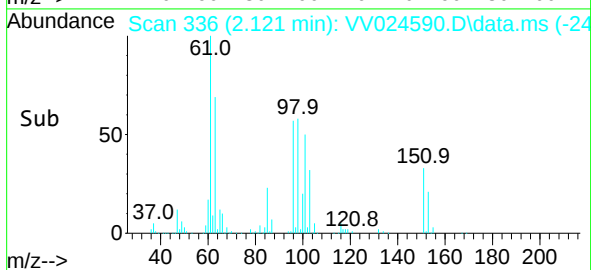
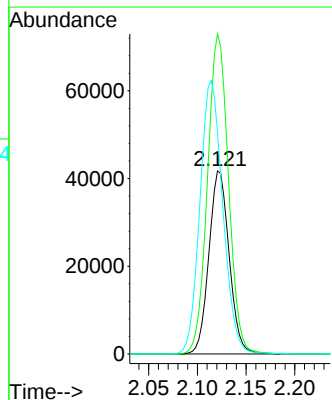
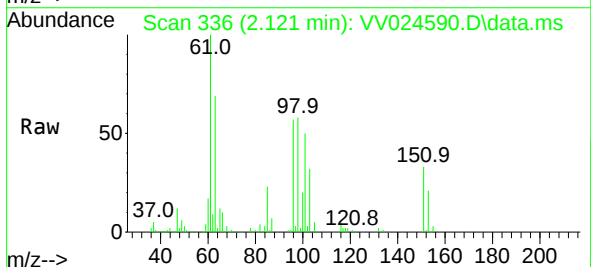
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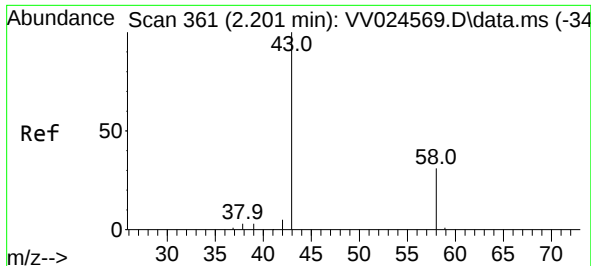
Tgt Ion:101 Resp: 62049
 Ion Ratio Lower Upper
 101 100
 85 44.6 36.0 54.0
 151 65.9 66.4 99.6#



#12
 1,1-Dichloroethene
 Concen: 4.729 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

Tgt Ion: 96 Resp: 60340
 Ion Ratio Lower Upper
 96 100
 61 174.8 116.1 215.5
 63 121.4 79.4 147.4





#13

Acetone

Concen: 52.105 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

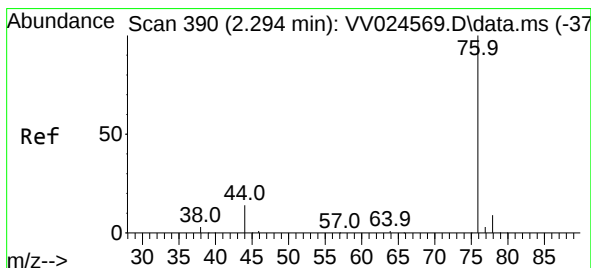
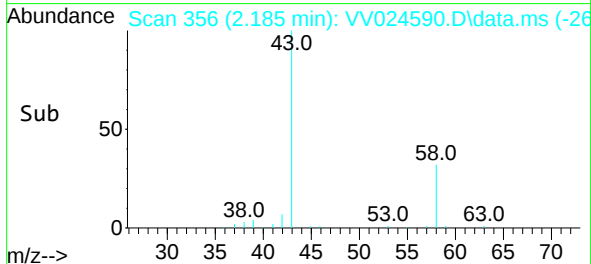
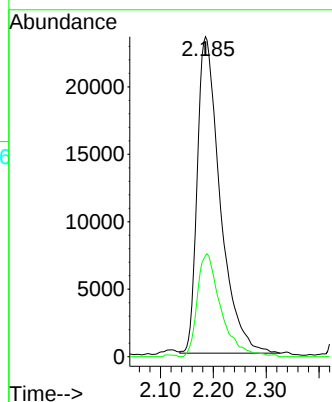
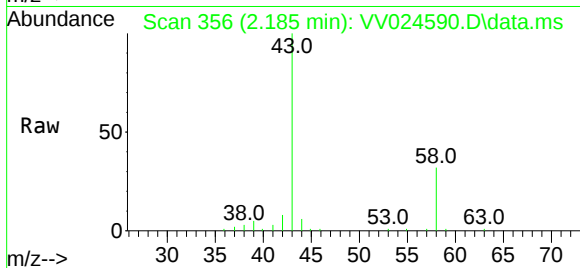
ClientSampleId :

Tgt Ion: 43 Resp: 70509

Ion Ratio Lower Upper

43 100

58 33.5 0.0 41.4



#14

Carbon disulfide

Concen: 4.573 ug/L

RT: 2.297 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV024590.D

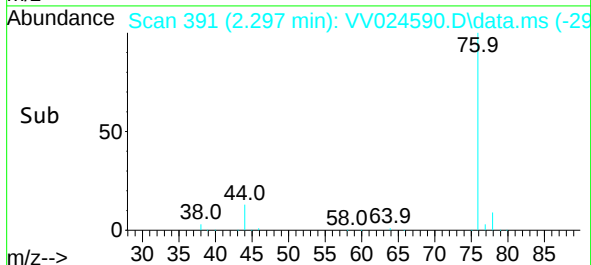
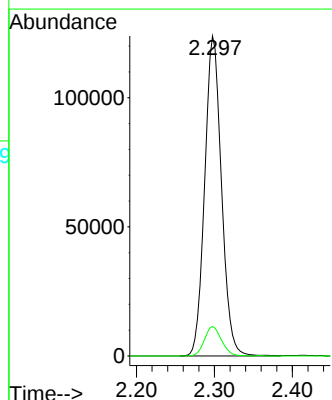
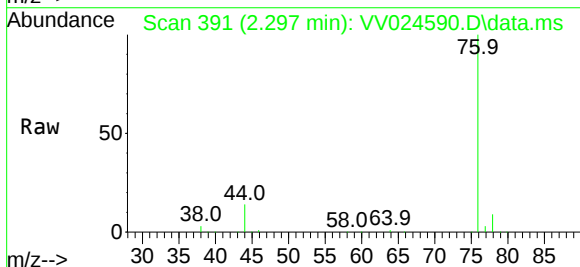
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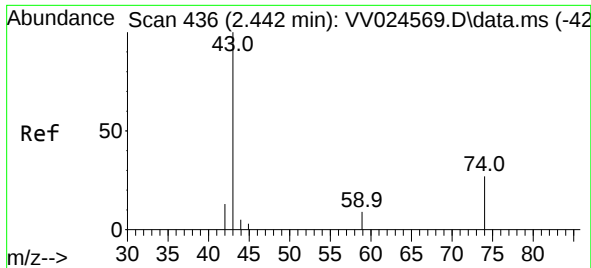
Tgt Ion: 76 Resp: 185434

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

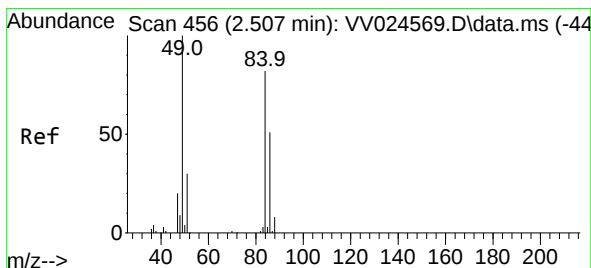
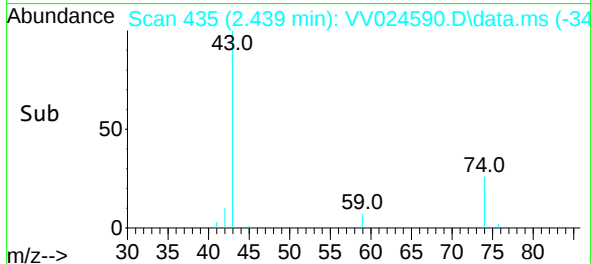
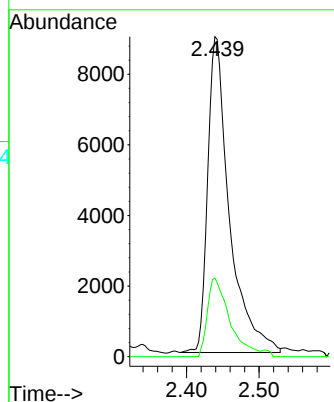
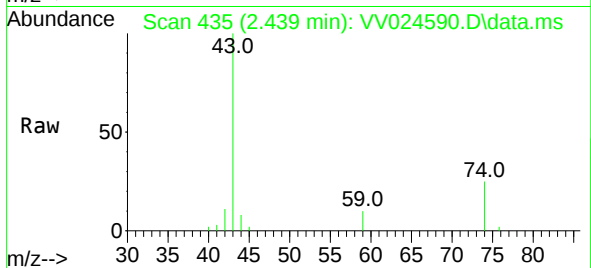




#15
Methyl Acetate
Concen: 4.815 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

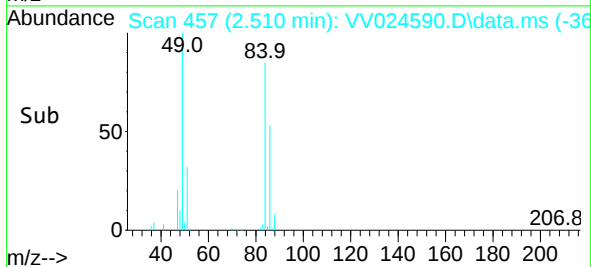
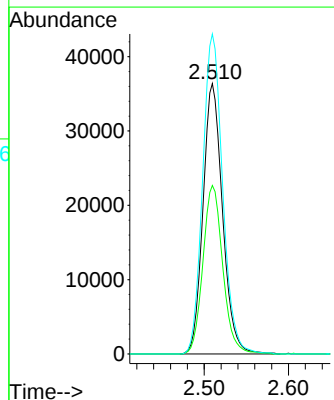
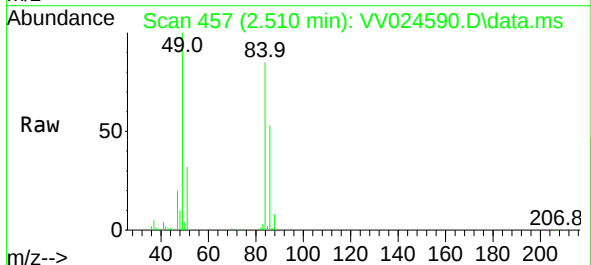
Instrument :
MSVOA_V
ClientSampleId :

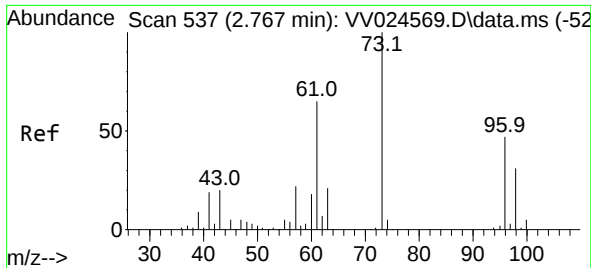
Tgt Ion: 43 Resp: 18635
Ion Ratio Lower Upper
43 100
74 25.3 20.2 30.2



#16
Methylene chloride
Concen: 4.655 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

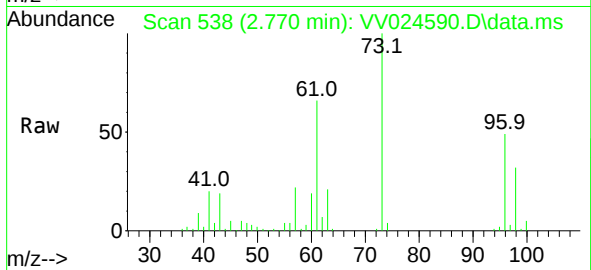
Tgt Ion: 84 Resp: 58846
Ion Ratio Lower Upper
84 100
86 62.3 42.6 79.0
49 118.3 79.7 147.9



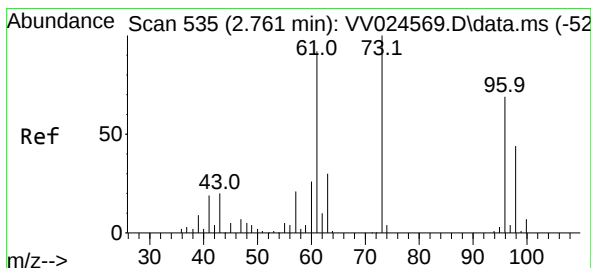
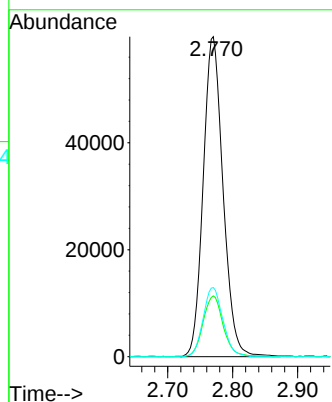
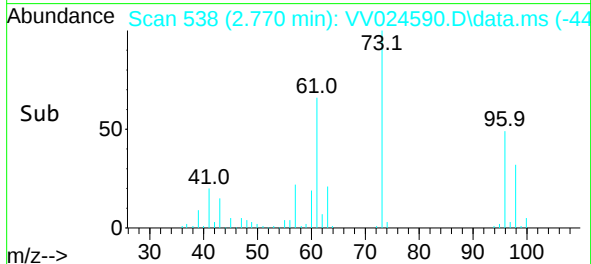


#17
Methyl tert-butyl Ether
Concen: 4.843 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

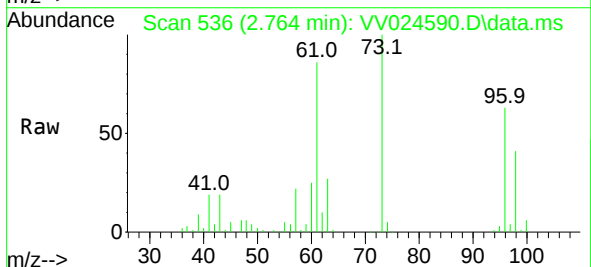
Instrument :
MSVOA_V
ClientSampleId :



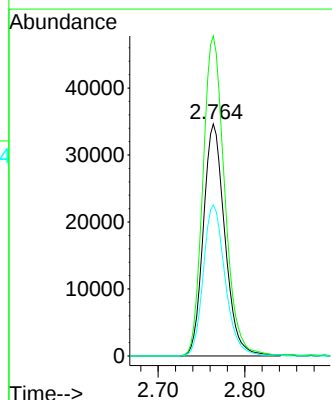
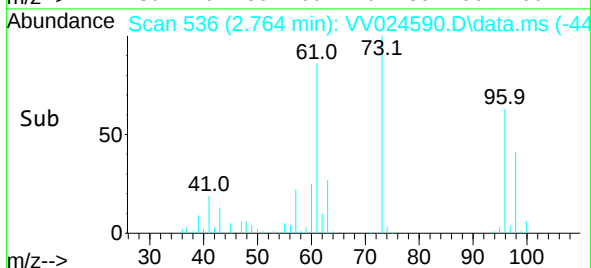
Tgt Ion: 73 Resp: 127320
Ion Ratio Lower Upper
73 100
43 19.5 15.5 23.3
57 21.5 17.1 25.7

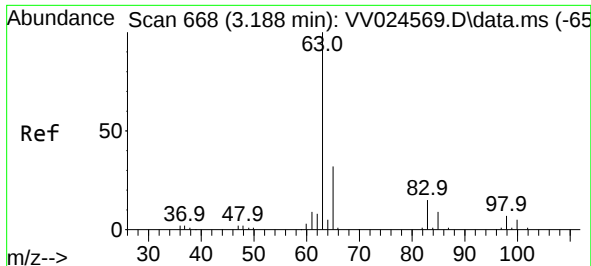


#18
trans-1,2-Dichloroethene
Concen: 4.767 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53



Tgt Ion: 96 Resp: 59756
Ion Ratio Lower Upper
96 100
61 137.9 88.2 163.8
98 65.1 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.067 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :

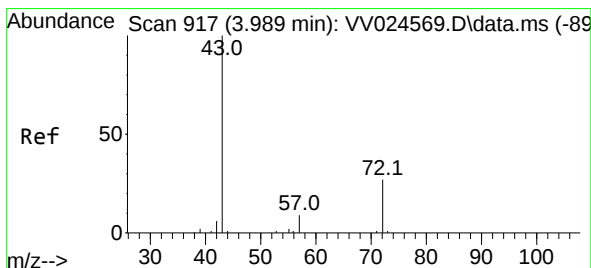
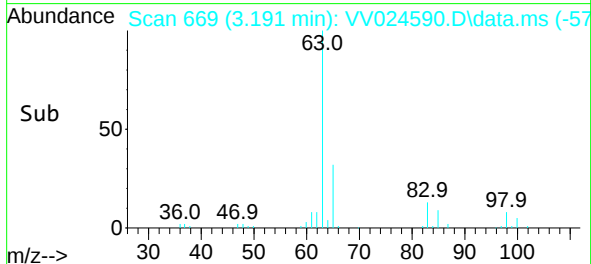
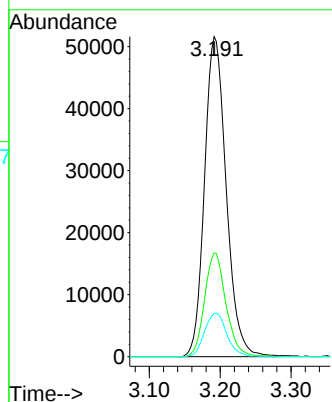
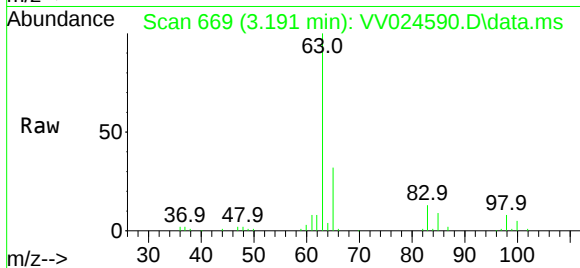
Tgt Ion: 63 Resp: 109694

Ion Ratio Lower Upper

63 100

65 32.4 22.3 41.3

83 13.5 10.7 19.9



#21

2-Butanone

Concen: 52.414 ug/L

RT: 3.976 min Scan# 913

Delta R.T. -0.013 min

Lab File: VV024590.D

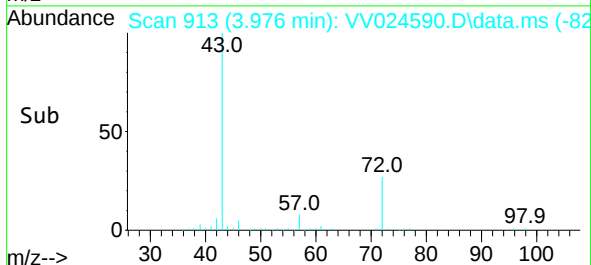
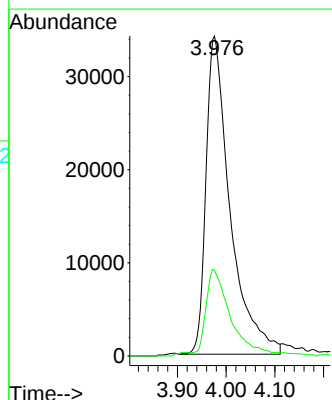
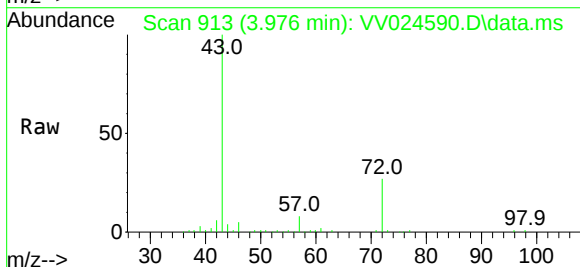
Acq: 10 Feb 2022 23:53

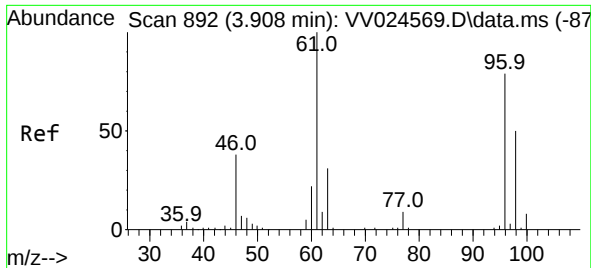
Tgt Ion: 43 Resp: 117550

Ion Ratio Lower Upper

43 100

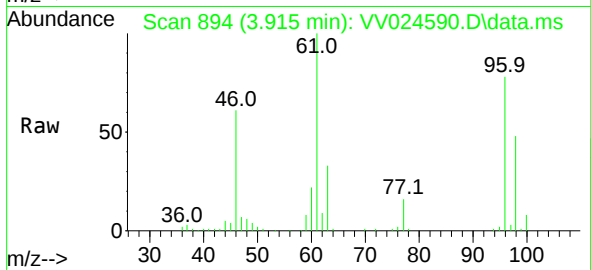
72 25.9 11.1 33.1





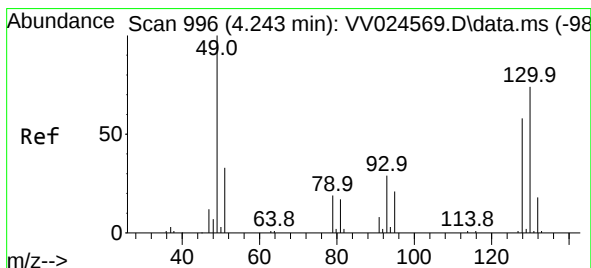
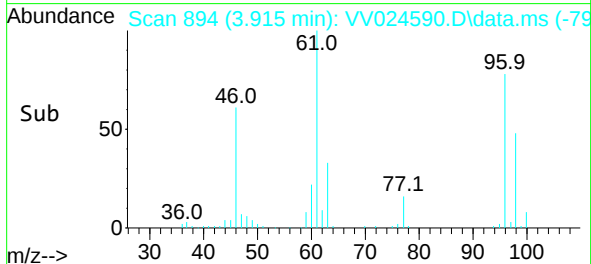
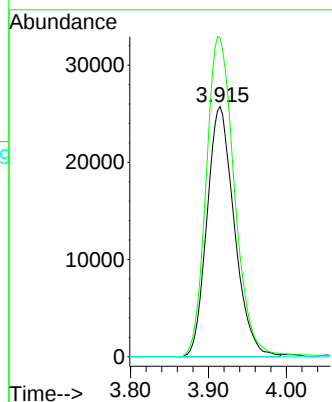
#22
 cis-1,2-Dichloroethene
 Concen: 4.959 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 62669

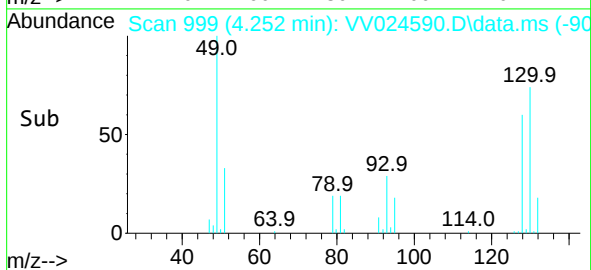
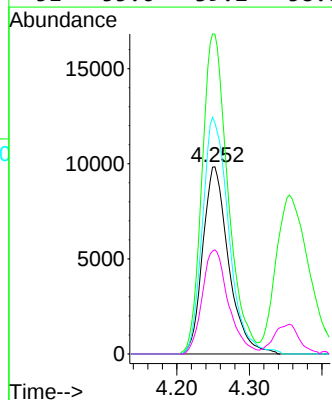
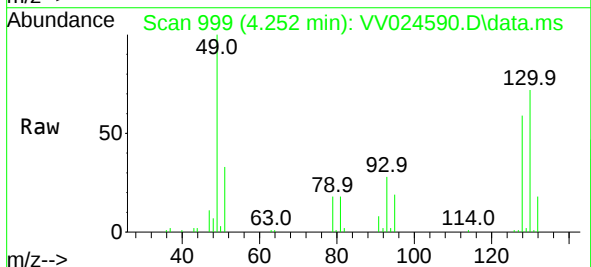
Ion	Ratio	Lower	Upper
96	100		
61	127.6	83.4	154.8
68	0.0	0.0	0.0

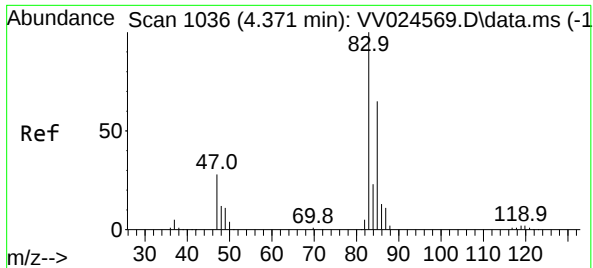


#23
 Bromochloromethane
 Concen: 5.070 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.010 min
 Lab File: VV024590.D
 Acq: 10 Feb 2022 23:53

Tgt Ion: 128 Resp: 24332

Ion	Ratio	Lower	Upper
128	100		
49	170.9	100.2	186.2
130	123.5	92.5	171.7
51	55.6	39.2	58.8

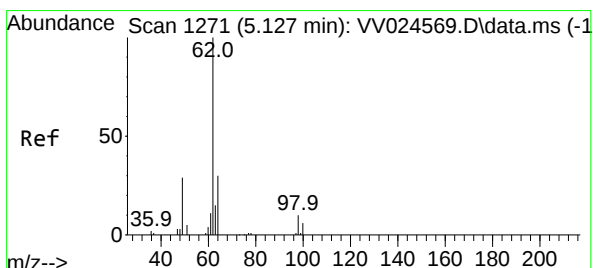
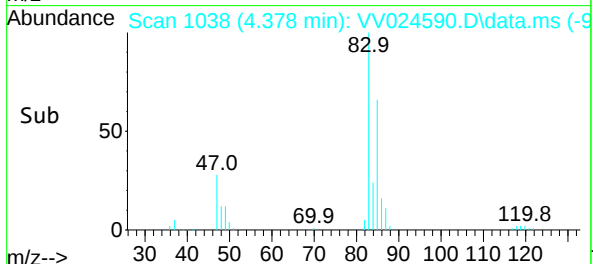
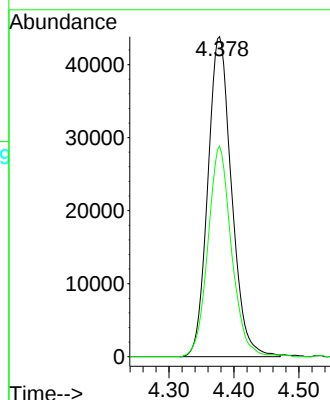
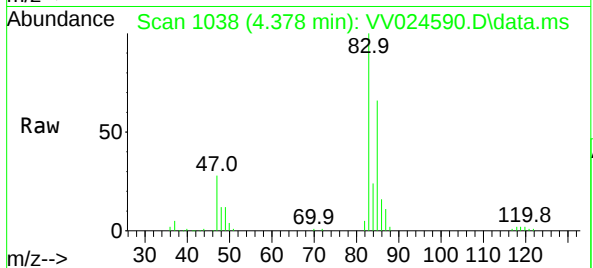




#25
Chloroform
Concen: 4.909 ug/L
RT: 4.378 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

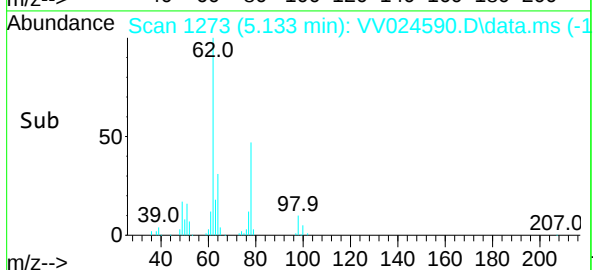
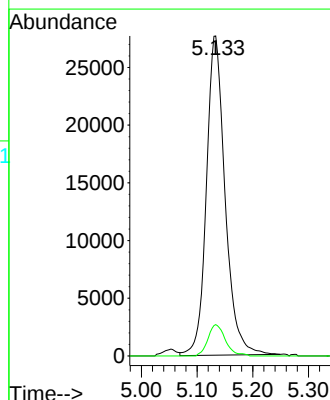
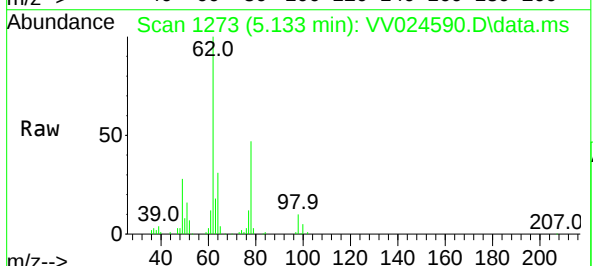
Instrument :
MSVOA_V
ClientSampleId :

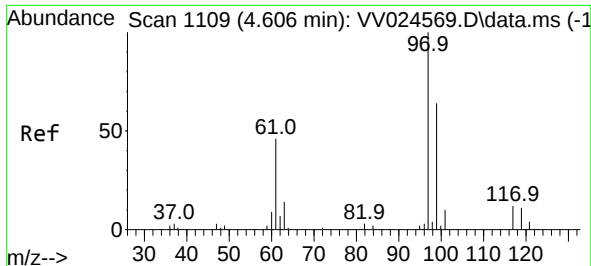
Tgt Ion: 83 Resp: 111228
Ion Ratio Lower Upper
83 100
85 65.8 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.203 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.006 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 62 Resp: 64633
Ion Ratio Lower Upper
62 100
98 9.8 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 5.118 ug/L

RT: 4.609 min Scan# 1109

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :

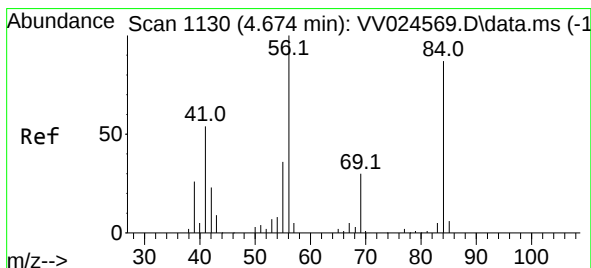
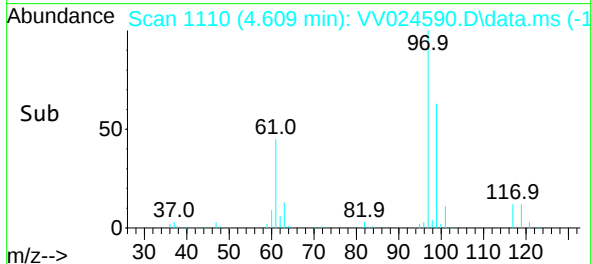
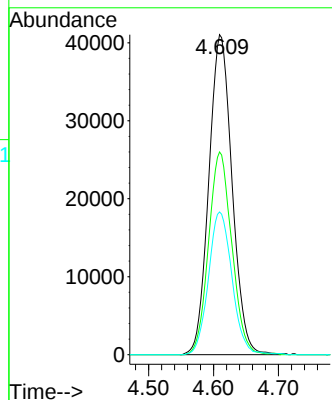
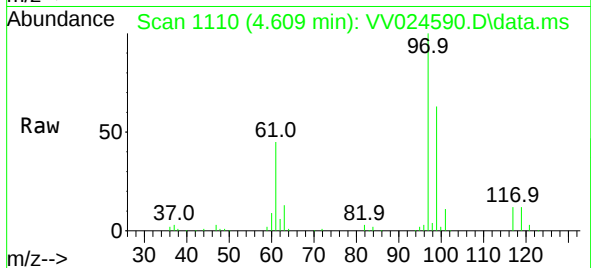
Tgt Ion: 97 Resp: 102042

Ion Ratio Lower Upper

97 100

99 63.2 51.9 77.9

61 45.1 33.2 49.8



#30

Cyclohexane

Concen: 4.999 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

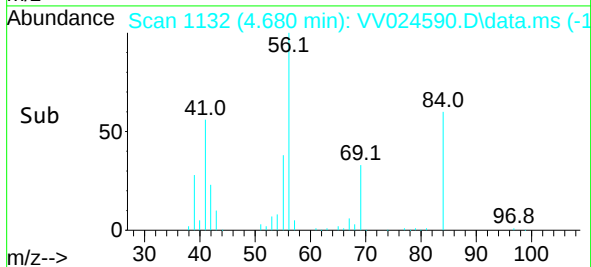
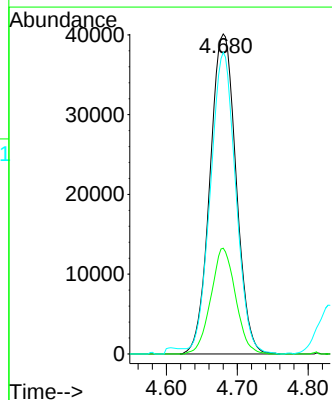
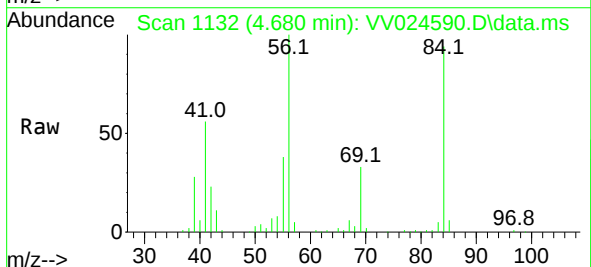
Tgt Ion: 56 Resp: 102673

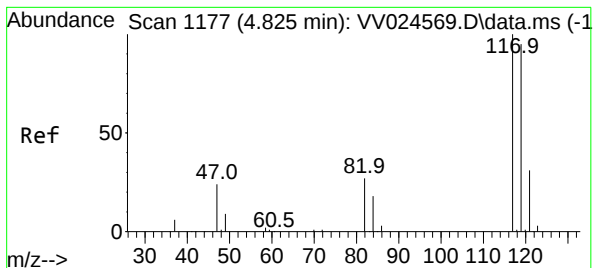
Ion Ratio Lower Upper

56 100

69 31.2 24.8 37.2

84 91.8 75.9 113.9





#31

Carbon tetrachloride

Concen: 5.087 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

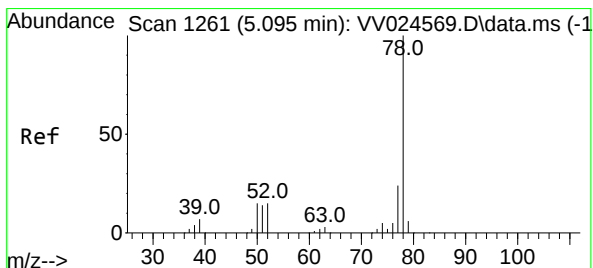
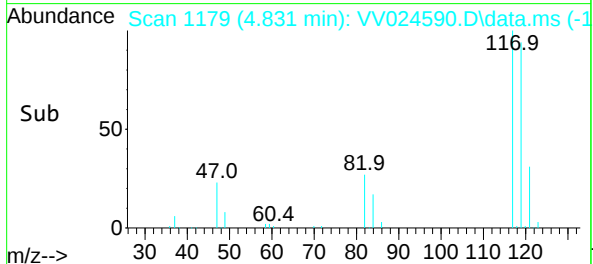
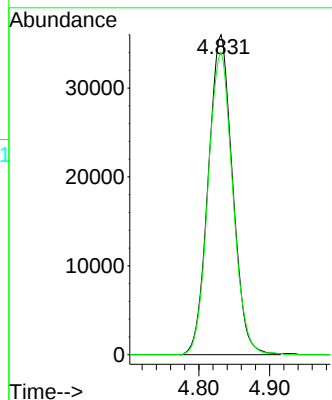
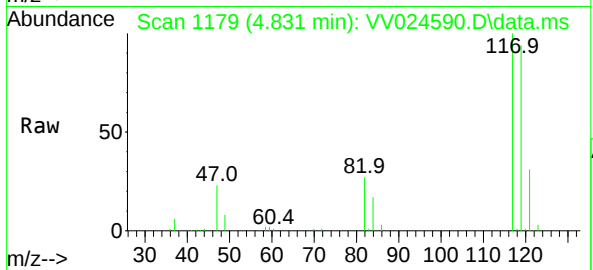
ClientSampleId :

Tgt Ion:117 Resp: 85906

Ion Ratio Lower Upper

117 100

119 95.9 76.6 114.8



#33

Benzene

Concen: 5.217 ug/L

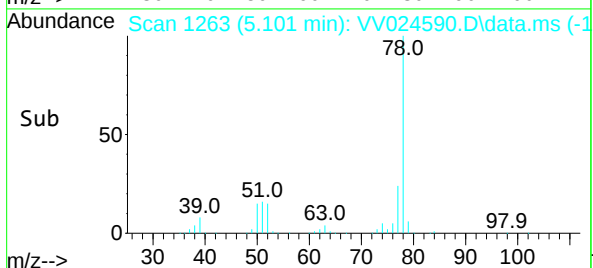
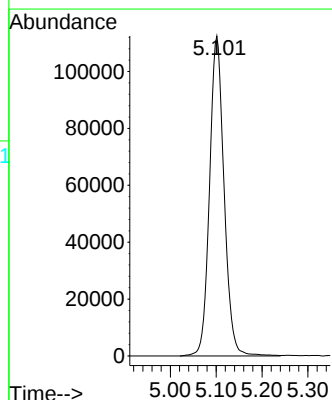
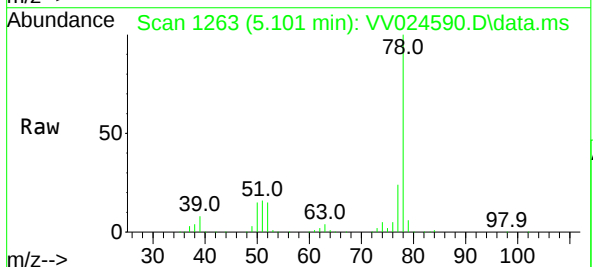
RT: 5.101 min Scan# 1263

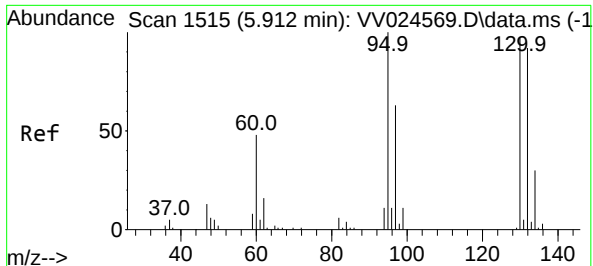
Delta R.T. 0.006 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

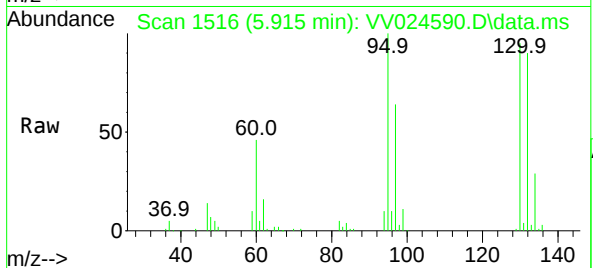
Tgt Ion: 78 Resp: 247441



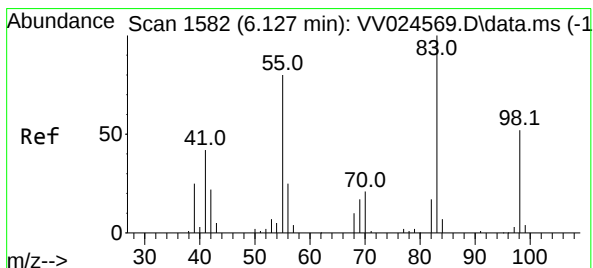
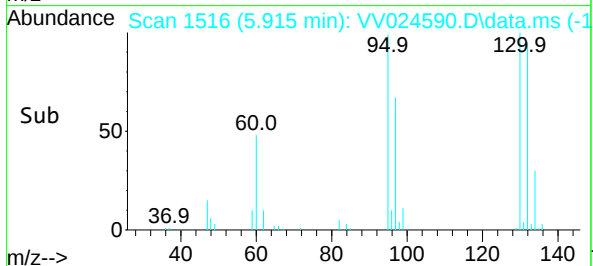
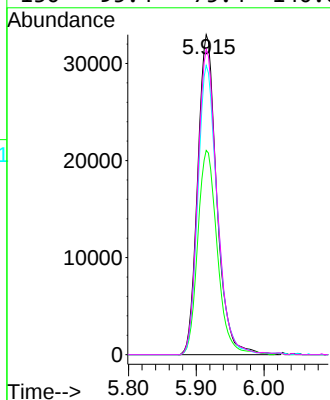


#34
Trichloroethene
Concen: 4.942 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Instrument :
MSVOA_V
ClientSampleId :

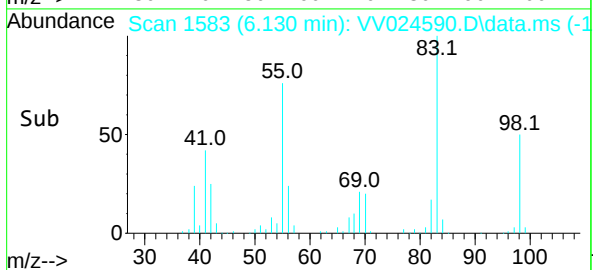
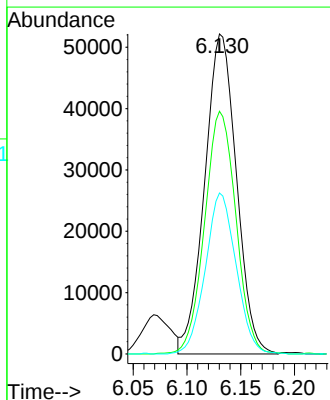
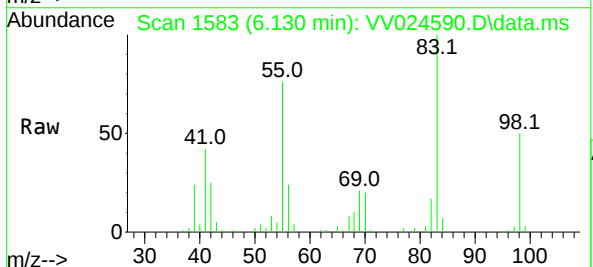


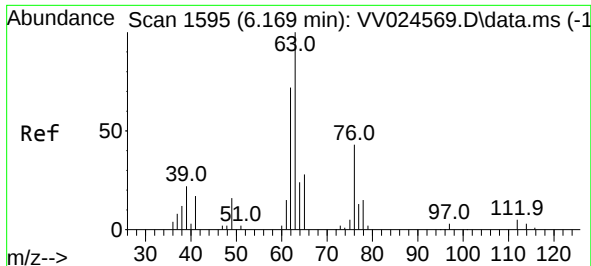
Tgt Ion: 95 Resp: 64551
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 90.4 76.1 141.3
130 95.4 75.4 140.0



#35
Methylcyclohexane
Concen: 4.960 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 83 Resp: 107166
Ion Ratio Lower Upper
83 100
55 75.0 60.2 90.2
98 48.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 5.243 ug/L

RT: 6.175 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

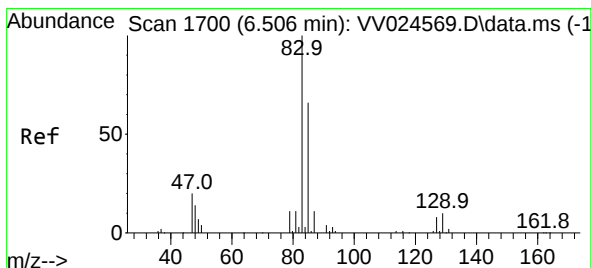
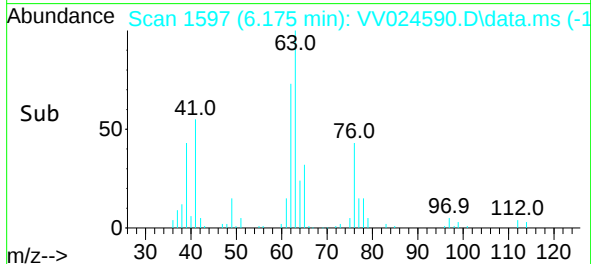
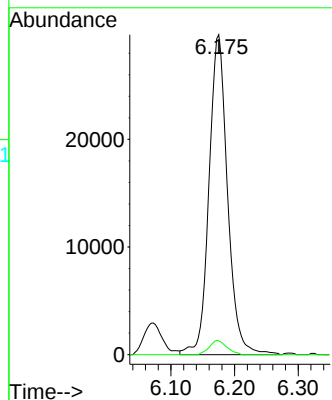
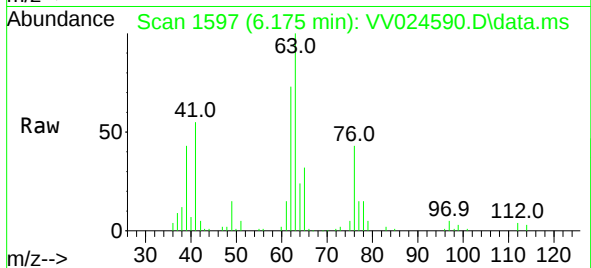
ClientSampleId :

Tgt Ion: 63 Resp: 60281

Ion Ratio Lower Upper

63 100

112 4.2 4.3 6.5#



#38

Bromodichloromethane

Concen: 5.043 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

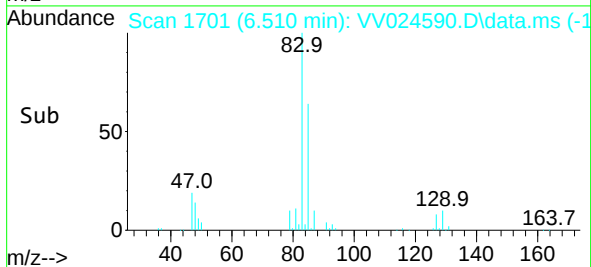
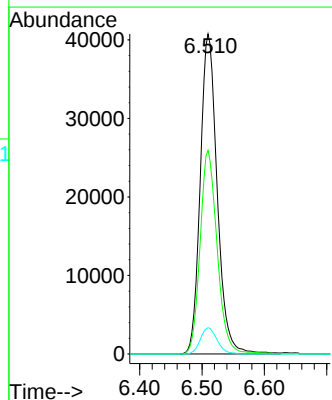
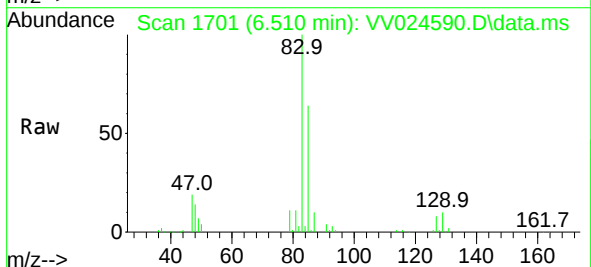
Tgt Ion: 83 Resp: 77071

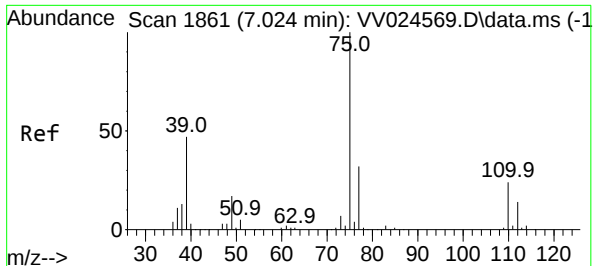
Ion Ratio Lower Upper

83 100

85 63.6 44.0 81.8

127 8.2 8.6 12.8#





#39

cis-1,3-Dichloropropene

Concen: 4.943 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

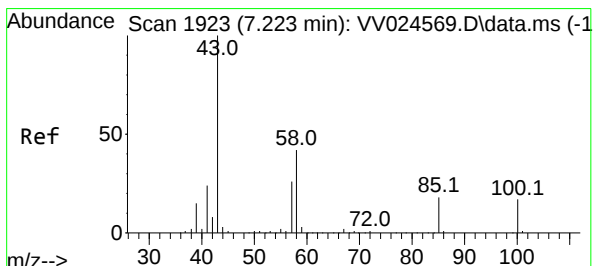
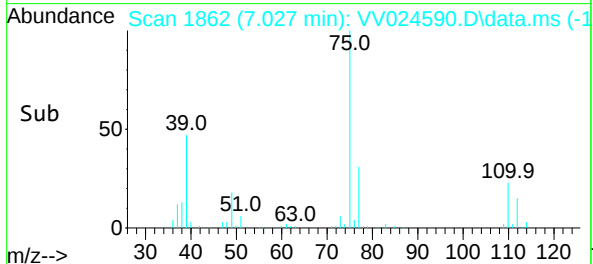
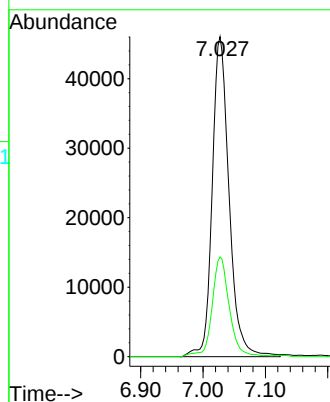
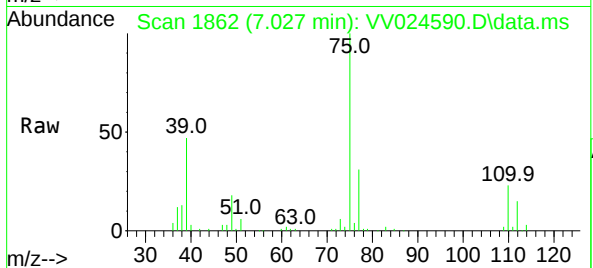
ClientSampleId :

Tgt Ion: 75 Resp: 86609

Ion Ratio Lower Upper

75 100

77 31.2 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 51.751 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

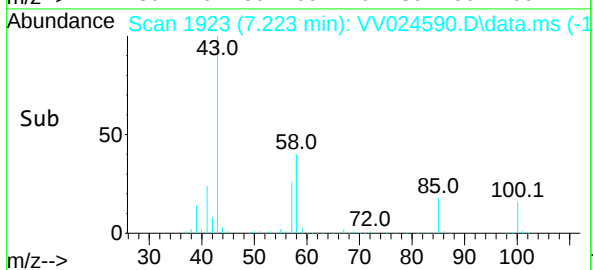
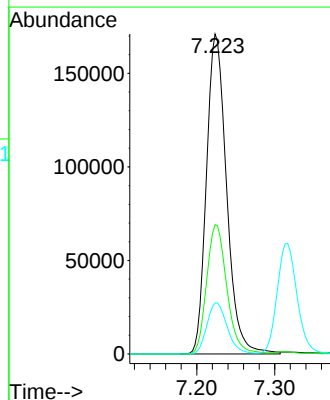
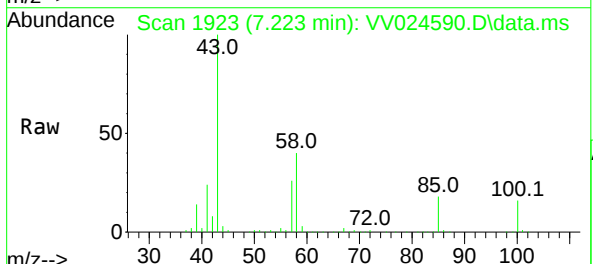
Tgt Ion: 43 Resp: 307042

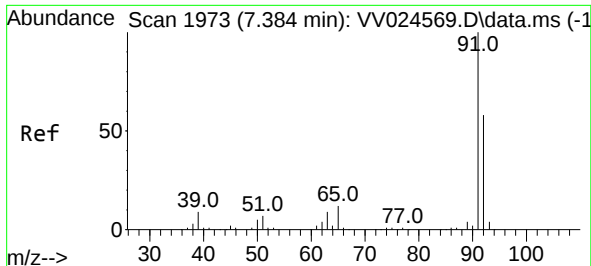
Ion Ratio Lower Upper

43 100

58 40.6 32.3 48.5

100 16.2 13.0 19.6





#42

Toluene

Concen: 5.069 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

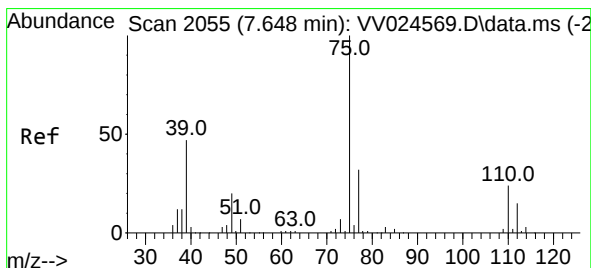
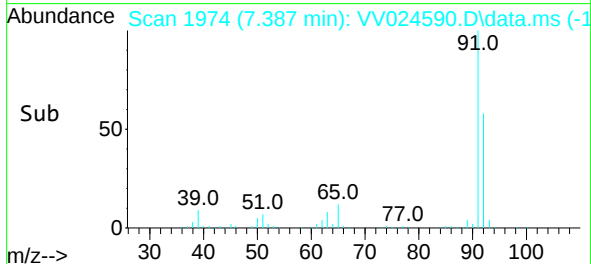
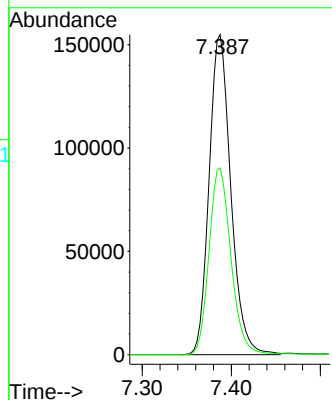
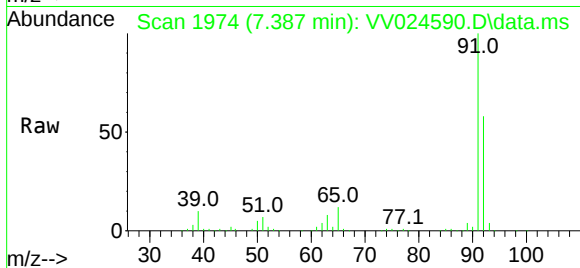
ClientSampleId :

Tgt Ion: 91 Resp: 261945

Ion Ratio Lower Upper

91 100

92 58.4 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 4.889 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024590.D

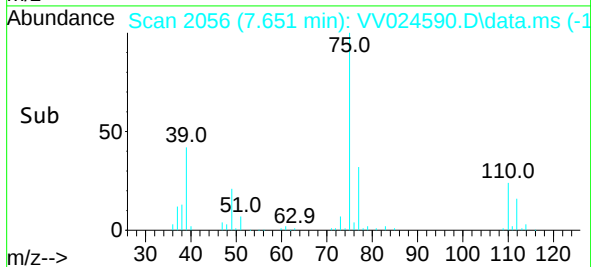
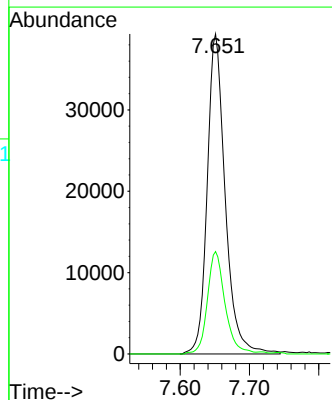
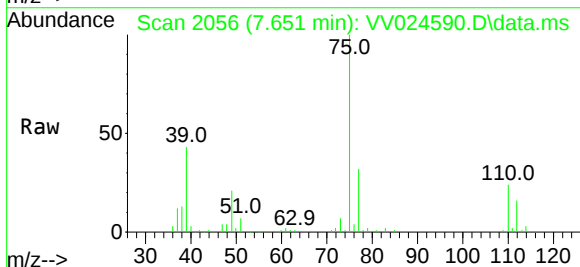
Acq: 10 Feb 2022 23:53

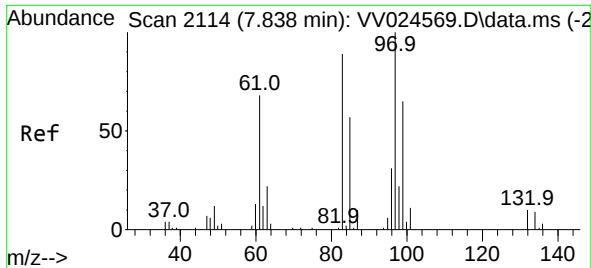
Tgt Ion: 75 Resp: 70760

Ion Ratio Lower Upper

75 100

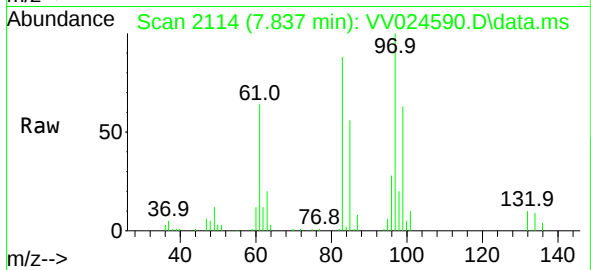
77 32.0 21.8 40.4



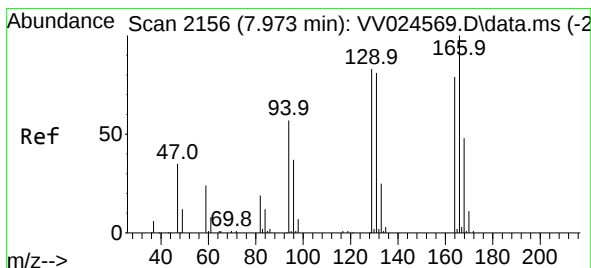
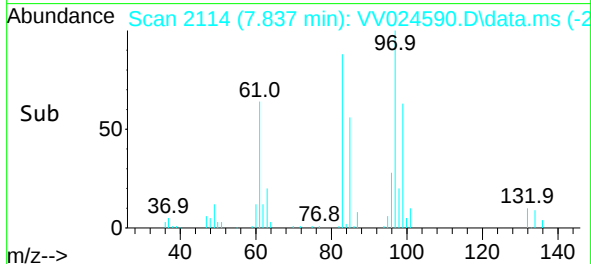
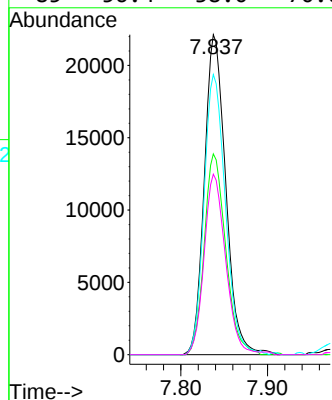


#45
1,1,2-Trichloroethane
Concen: 5.103 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Instrument :
MSVOA_V
ClientSampleId :

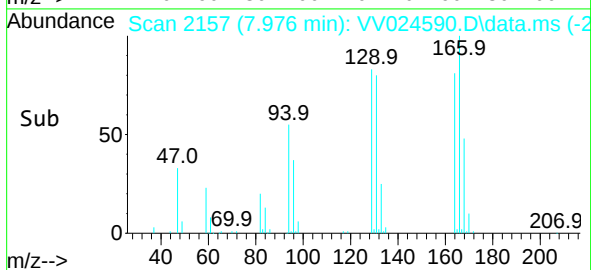
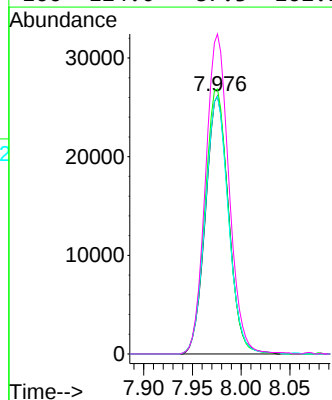
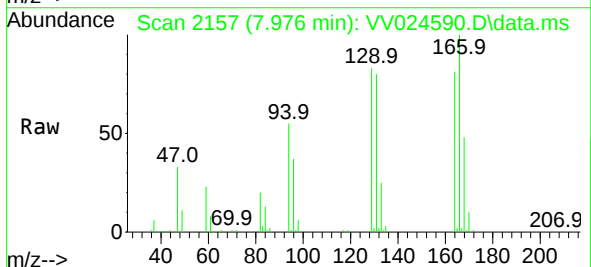


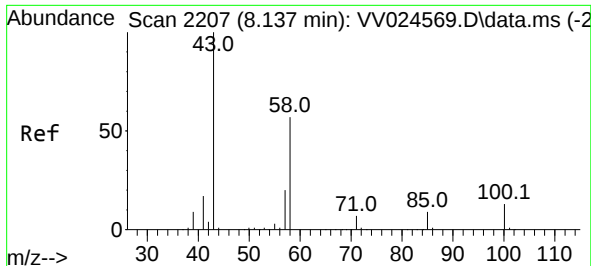
Tgt Ion: 97	Resp: 38017
Ion Ratio	Lower Upper
97 100	
99 62.7	43.1 80.1
83 87.6	57.9 107.5
85 56.4	38.0 70.6



#47
Tetrachloroethene
Concen: 4.993 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

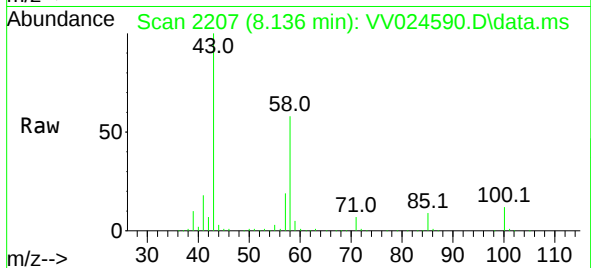
Tgt	Ion:164	Resp:	43262
Ion	Ratio	Lower	Upper
164	100		
129	102.7	62.6	116.2
131	99.8	61.0	113.4
166	124.0	87.3	162.1





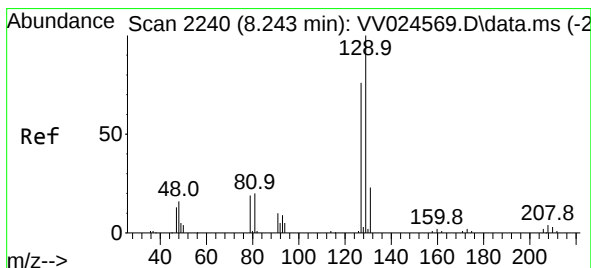
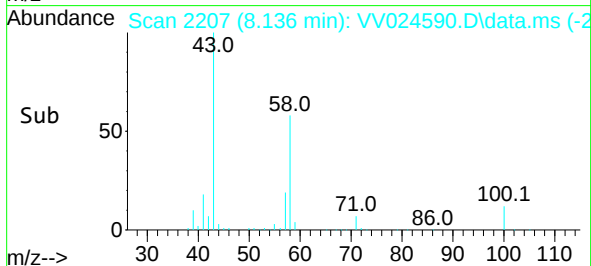
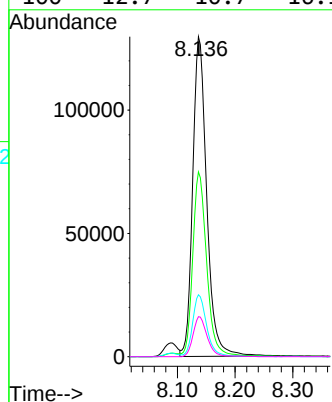
#48
2-Hexanone
Concen: 53.750 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 218299

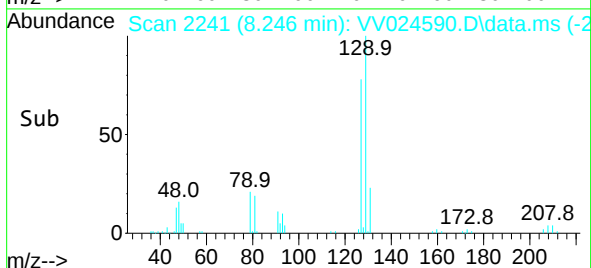
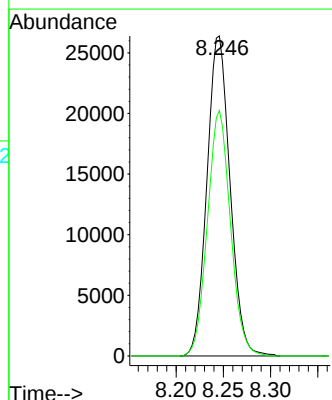
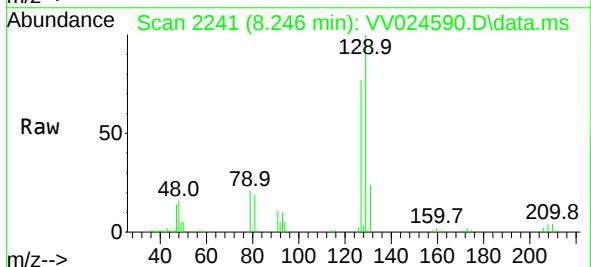
Ion	Ratio	Lower	Upper
43	100		
58	57.2	44.5	66.7
57	19.3	15.1	22.7
100	12.7	10.7	16.1

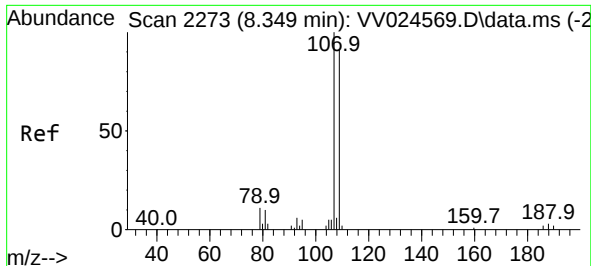


#49
Dibromochloromethane
Concen: 4.981 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 129 Resp: 44812

Ion	Ratio	Lower	Upper
129	100		
127	76.7	53.5	99.3





#50

1,2-Dibromoethane

Concen: 5.123 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

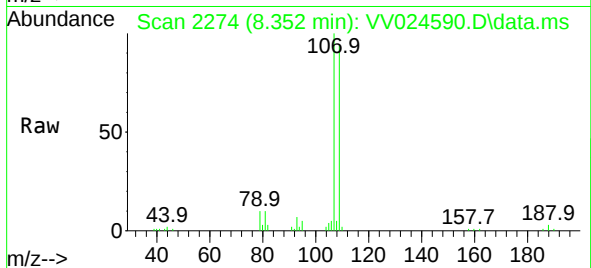
Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :



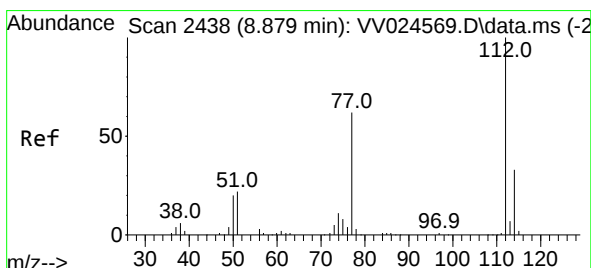
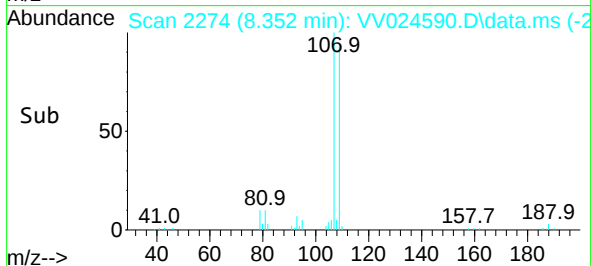
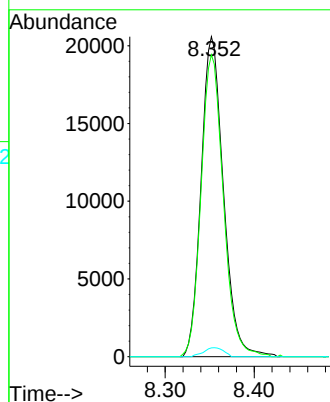
Tgt Ion:107 Resp: 35821

Ion Ratio Lower Upper

107 100

109 94.4 62.5 116.1

188 2.8 3.4 5.2#



#51

Chlorobenzene

Concen: 5.040 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

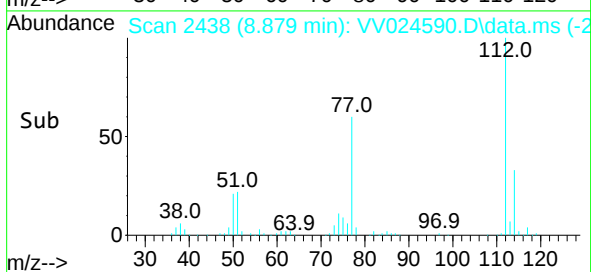
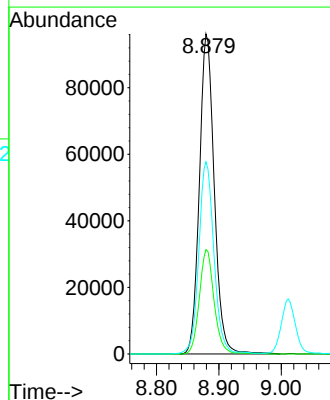
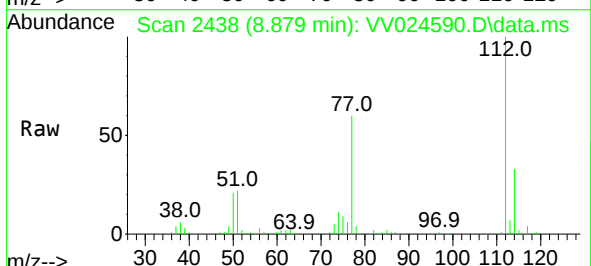
Tgt Ion:112 Resp: 159602

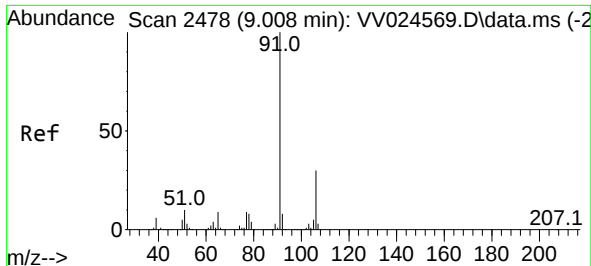
Ion Ratio Lower Upper

112 100

114 32.6 23.3 43.3

77 60.0 43.3 64.9

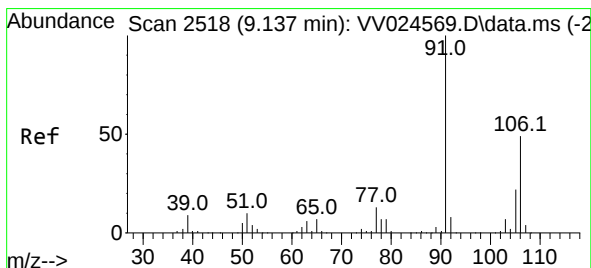
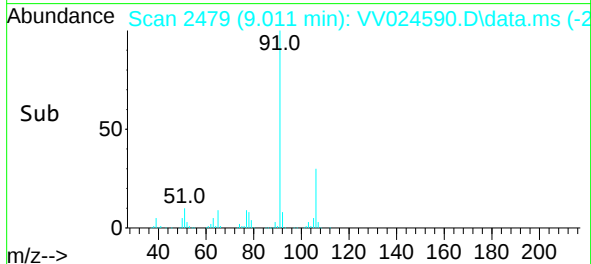
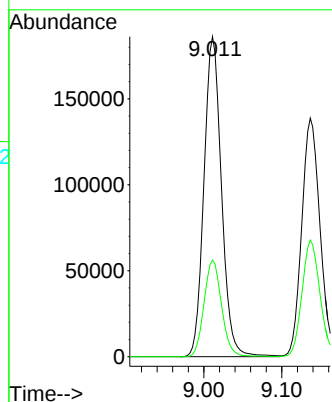
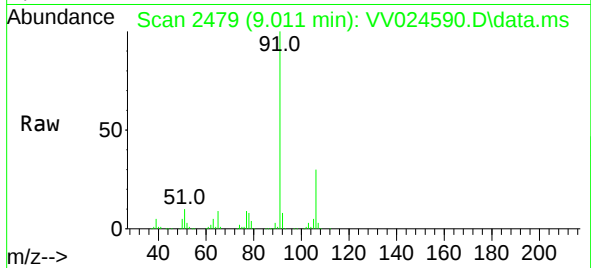




#52
Ethylbenzene
Concen: 5.051 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

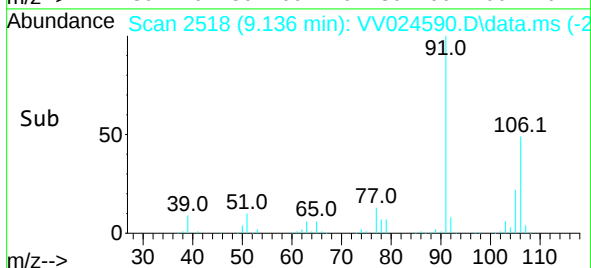
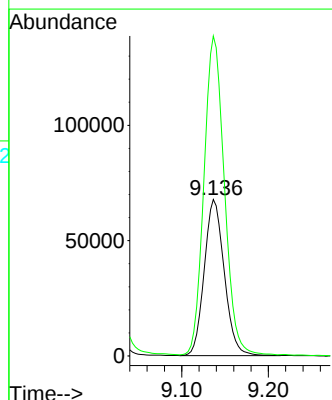
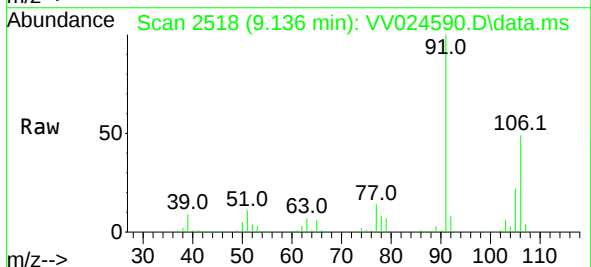
Instrument :
MSVOA_V
ClientSampleId :

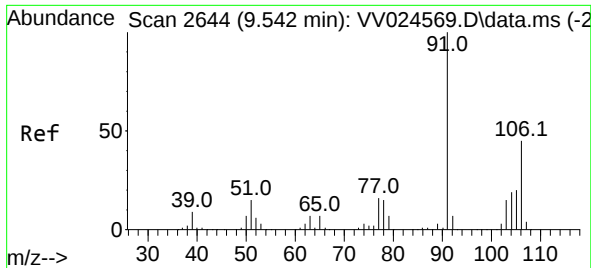
Tgt Ion: 91 Resp: 290395
Ion Ratio Lower Upper
91 100
106 30.2 22.0 41.0



#53
m,p-xylene
Concen: 4.992 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion:106 Resp: 108716
Ion Ratio Lower Upper
106 100
91 204.6 139.5 259.1

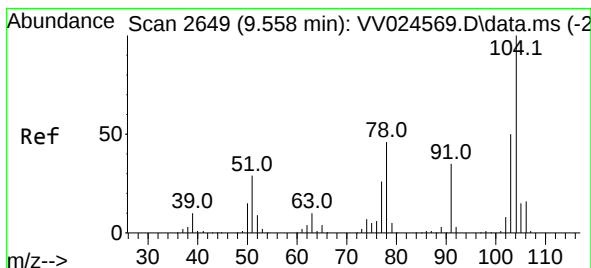
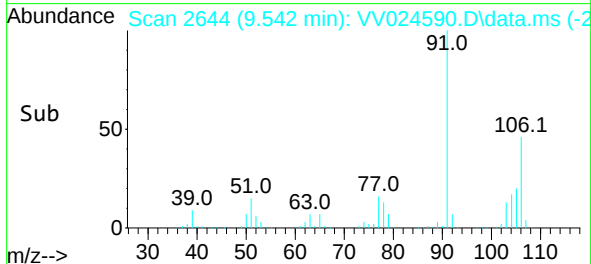
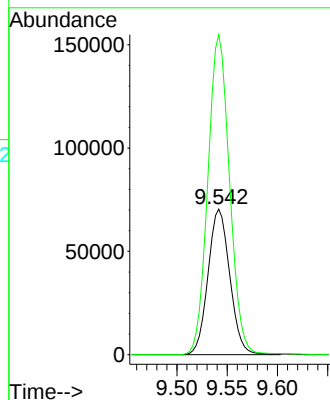
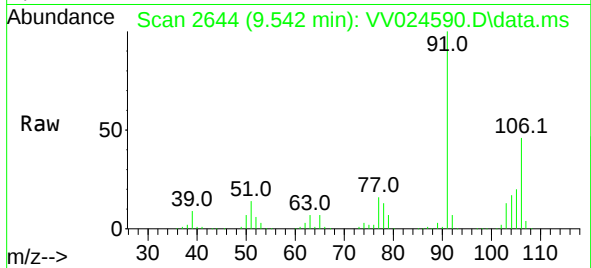




#54
o-xylene
Concen: 5.056 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

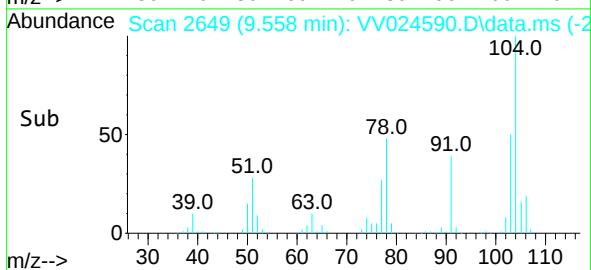
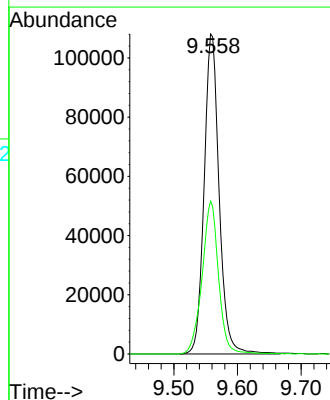
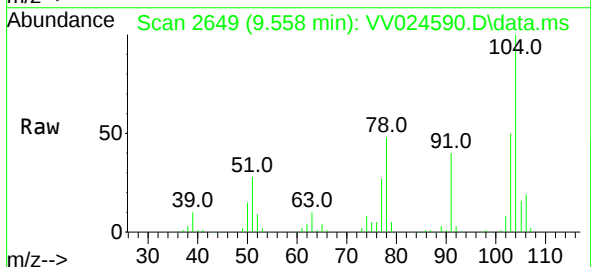
Instrument :
MSVOA_V
ClientSampleId :

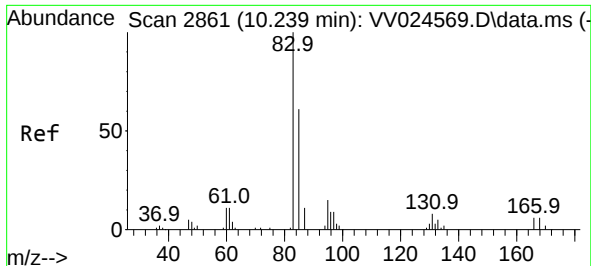
Tgt Ion:106 Resp: 106177
Ion Ratio Lower Upper
106 100
91 219.7 147.9 274.7



#55
Styrene
Concen: 5.134 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion:104 Resp: 176995
Ion Ratio Lower Upper
104 100
78 47.8 31.0 57.6

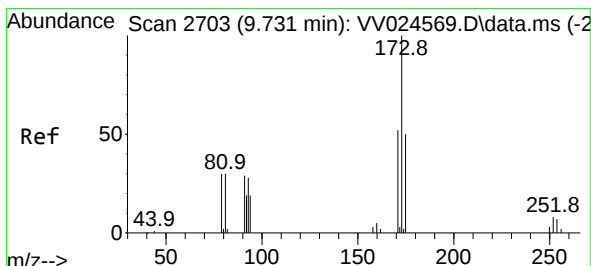
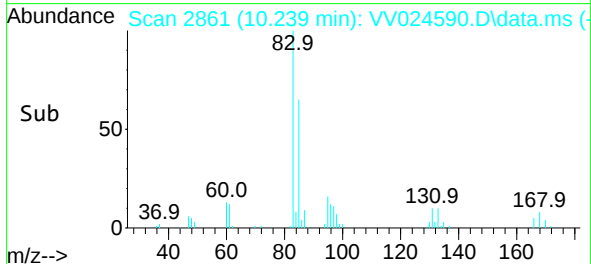
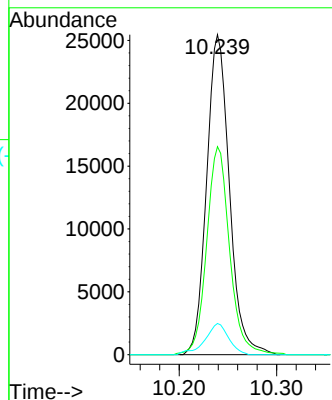
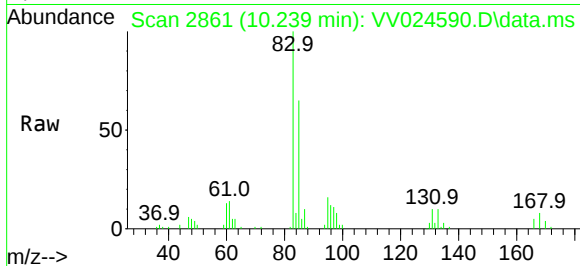




#57
1,1,2,2-Tetrachloroethane
Concen: 5.476 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

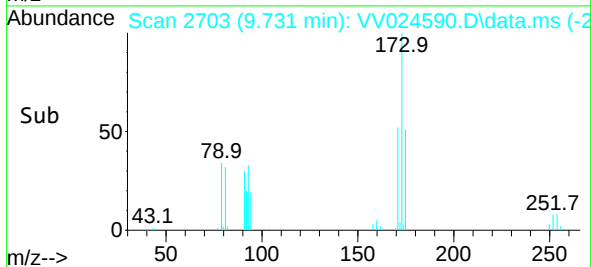
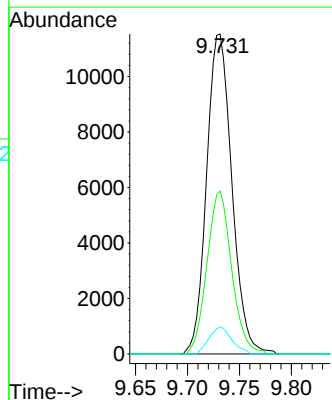
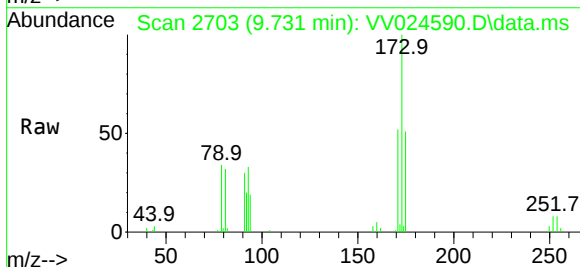
Instrument :
MSVOA_V
ClientSampleId :

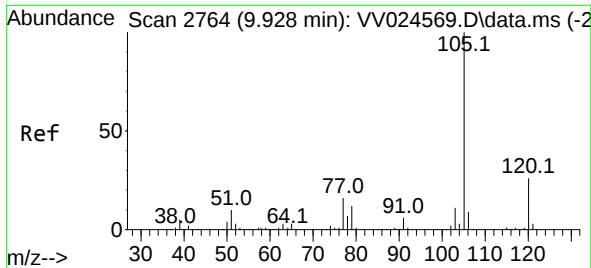
Tgt Ion: 83 Resp: 41330
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8
131 9.8 8.3 12.5



#59
Bromoform
Concen: 4.919 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

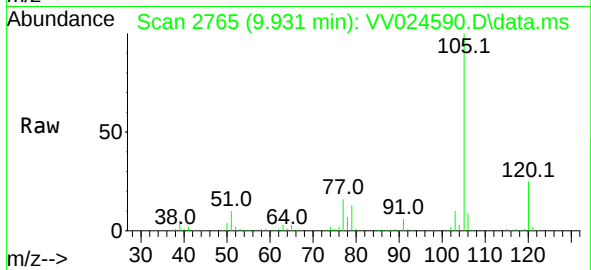
Tgt Ion: 173 Resp: 19517
Ion Ratio Lower Upper
173 100
175 49.6 39.4 59.2
254 7.6 7.4 11.0



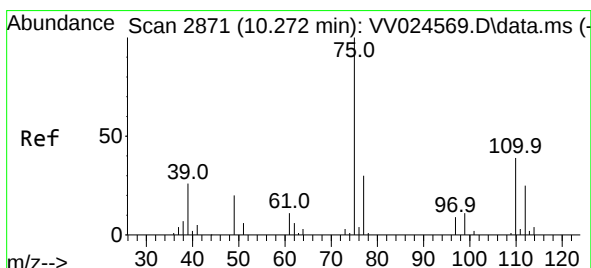
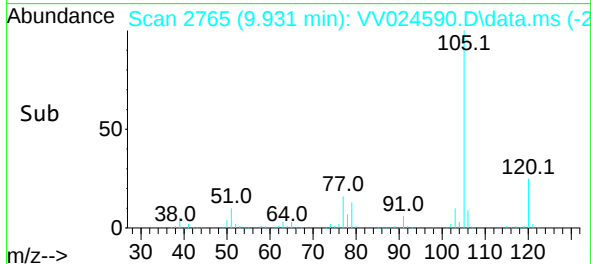
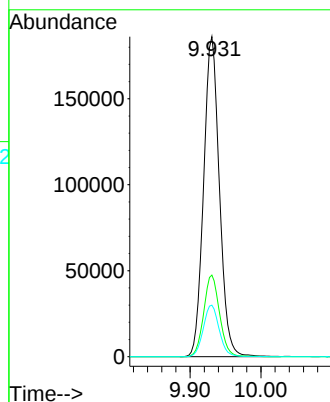


#60
Isopropylbenzene
Concen: 5.106 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Instrument :
MSVOA_V
ClientSampleId :

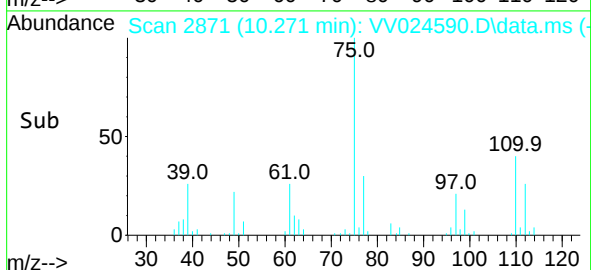
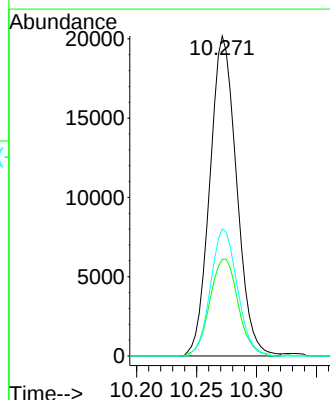
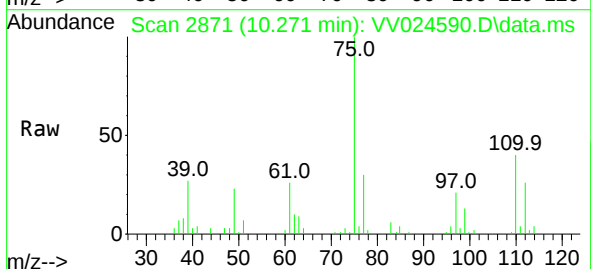


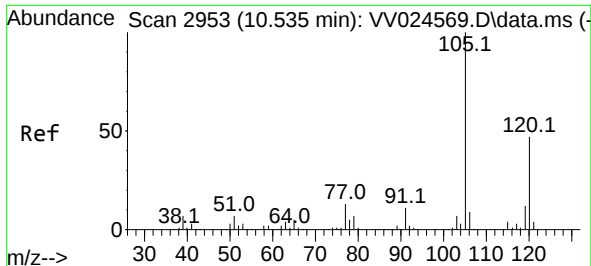
Tgt Ion:105 Resp: 287599
Ion Ratio Lower Upper
105 100
120 25.6 21.4 32.0
77 16.2 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.117 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 75 Resp: 31326
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 39.7 34.2 51.2





#62

1,3,5-Trimethylbenzene

Concen: 5.113 ug/L

RT: 10.538 min Scan# 2953

Delta R.T. 0.003 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

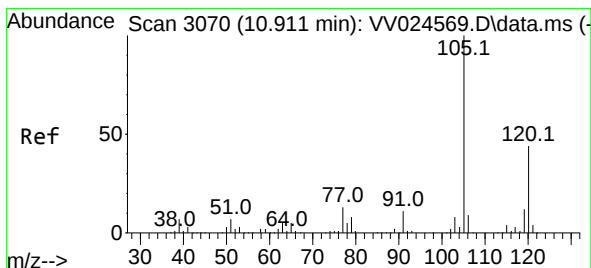
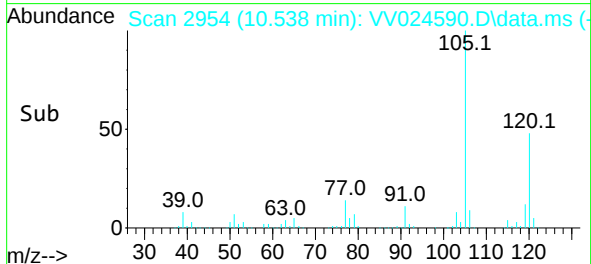
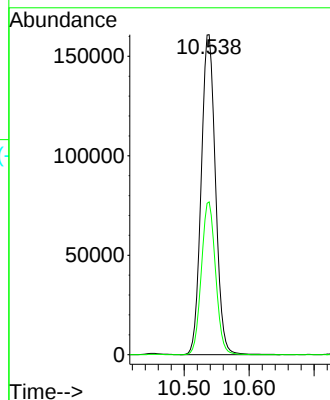
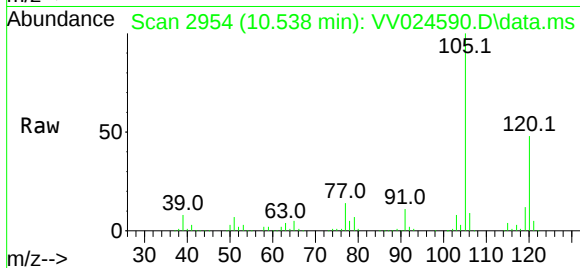
ClientSampleId :

Tgt Ion:105 Resp: 246561

Ion Ratio Lower Upper

105 100

120 47.4 40.1 60.1



#63

1,2,4-Trimethylbenzene

Concen: 5.123 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.000 min

Lab File: VV024590.D

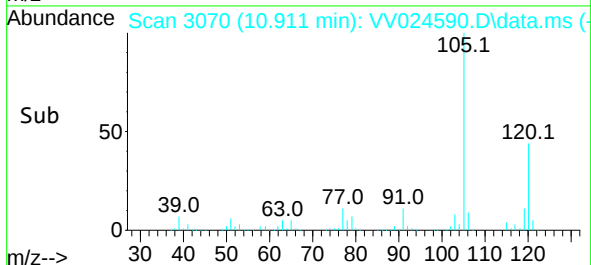
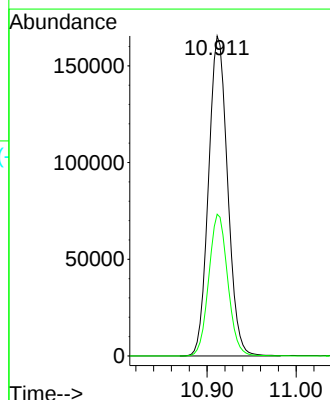
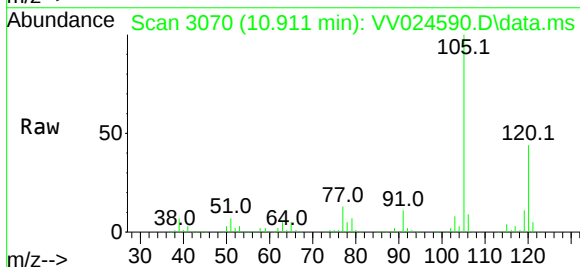
Acq: 10 Feb 2022 23:53

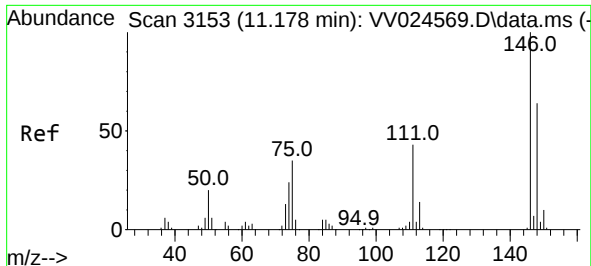
Tgt Ion:105 Resp: 245630

Ion Ratio Lower Upper

105 100

120 44.0 36.7 55.1

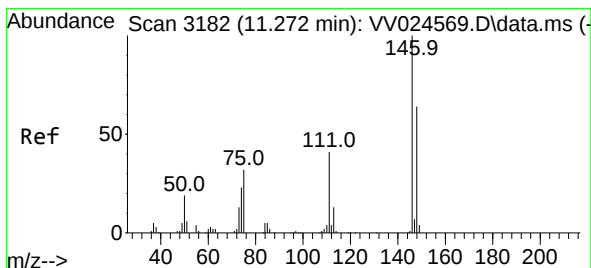
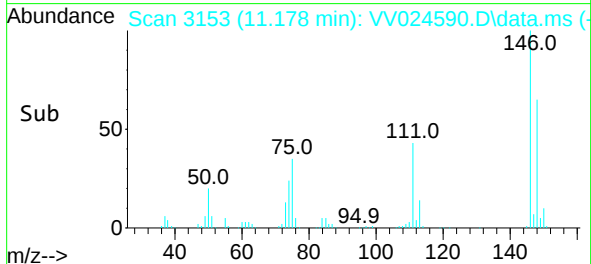
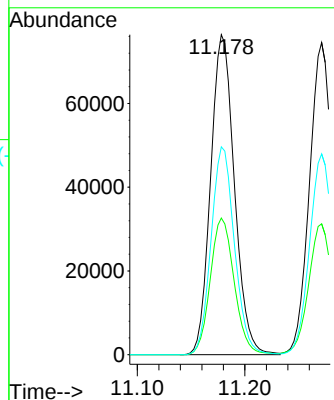
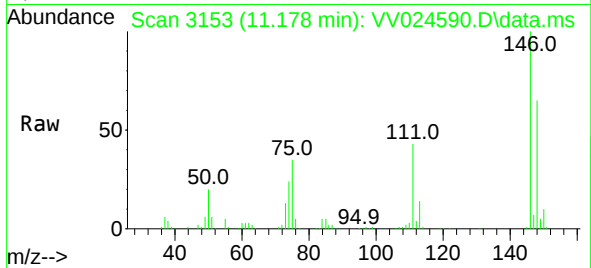




#64
1,3-Dichlorobenzene
Concen: 5.125 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

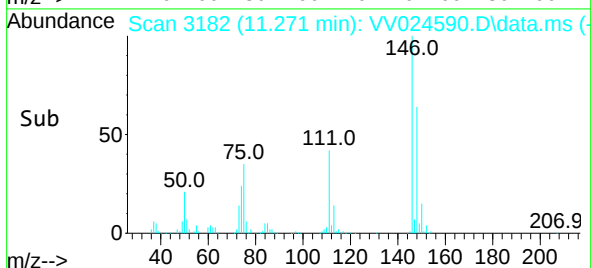
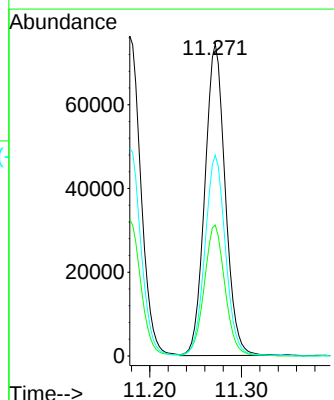
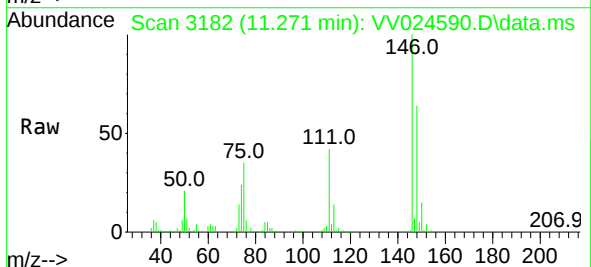
Instrument :
MSVOA_V
ClientSampleId :

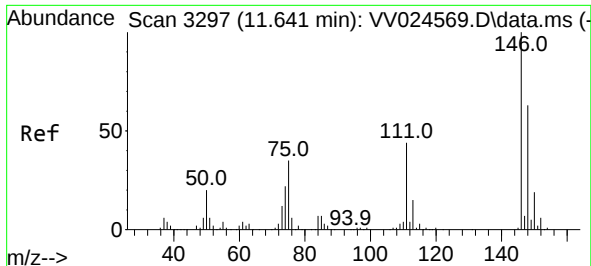
Tgt Ion:146 Resp: 117492
Ion Ratio Lower Upper
146 100
111 42.7 26.3 48.9
148 64.9 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 5.038 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

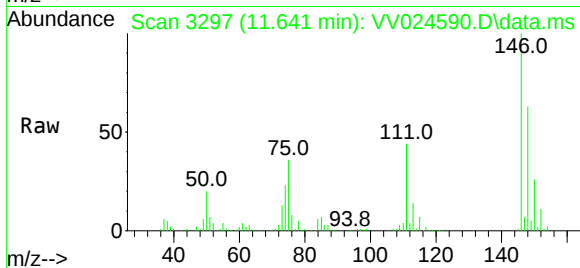
Tgt Ion:146 Resp: 114721
Ion Ratio Lower Upper
146 100
111 42.0 25.6 47.6
148 64.3 44.8 83.2



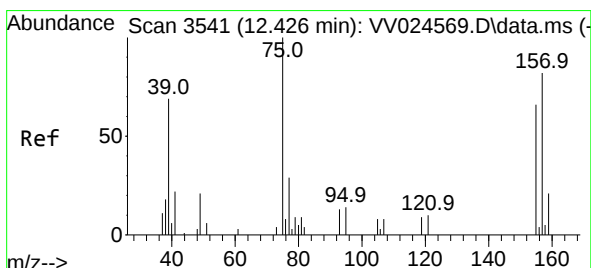
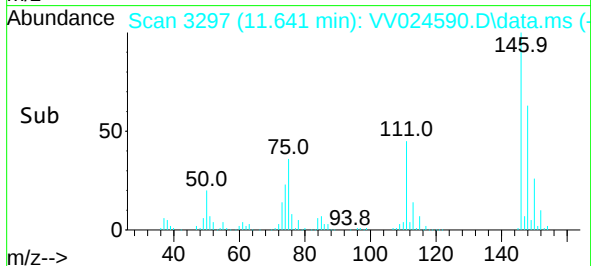
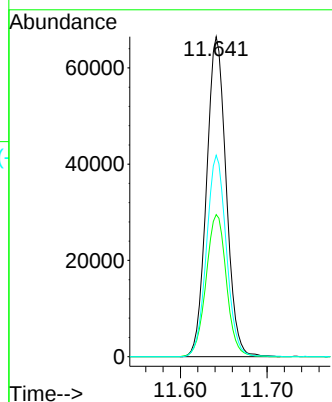


#67
1,2-Dichlorobenzene
Concen: 5.141 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Instrument :
MSVOA_V
ClientSampleId :

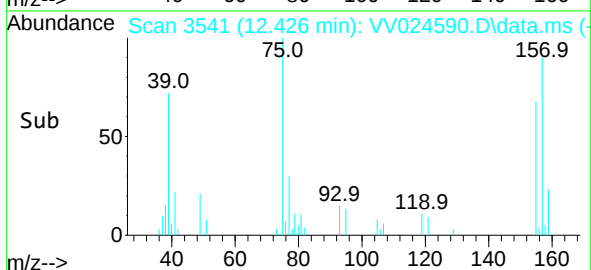
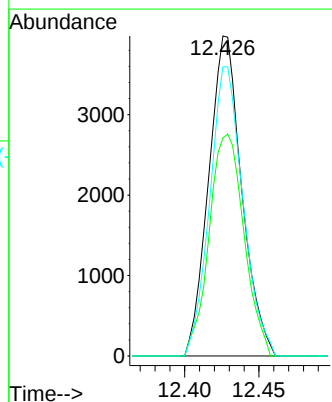
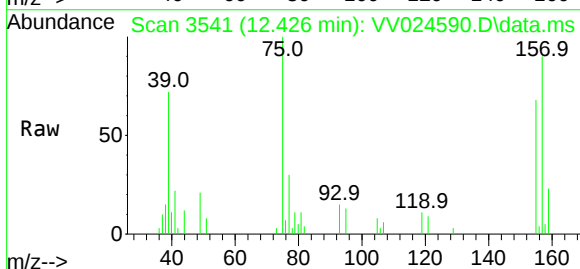


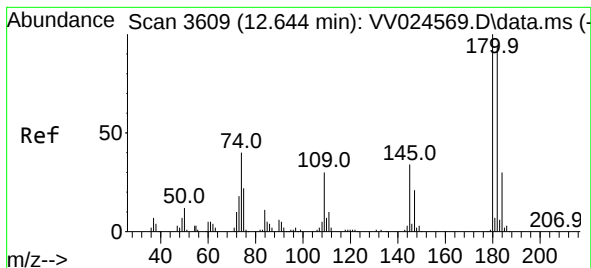
Tgt Ion:146 Resp: 104629
Ion Ratio Lower Upper
146 100
111 44.4 31.9 47.9
148 63.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.180 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024590.D
Acq: 10 Feb 2022 23:53

Tgt Ion: 75 Resp: 6159
Ion Ratio Lower Upper
75 100
155 68.1 71.7 107.5#
157 90.4 103.3 154.9#





#69

1,3,5-Trichlorobenzene

Concen: 5.106 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

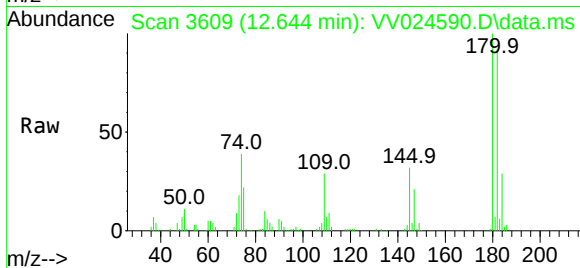
Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 83275

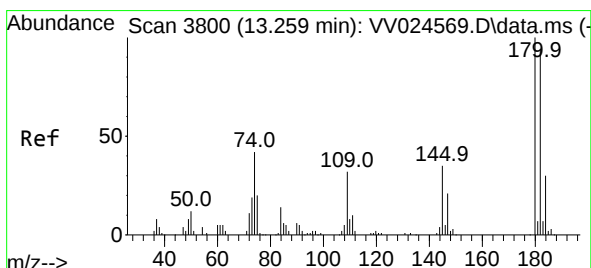
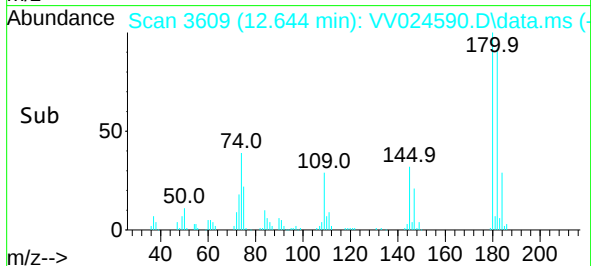
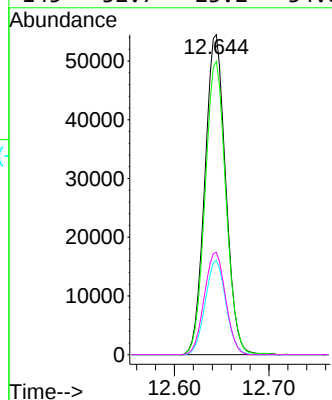
Ion Ratio Lower Upper

180 100

182 91.8 76.4 114.6

184 29.4 24.2 36.4

145 32.7 23.2 34.8



#70

1,2,4-trichlorobenzene

Concen: 5.218 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

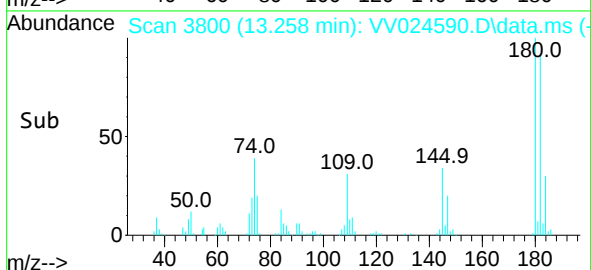
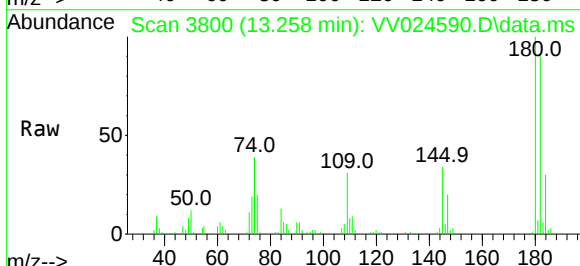
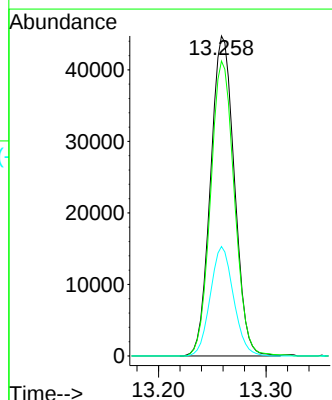
Tgt Ion:180 Resp: 68721

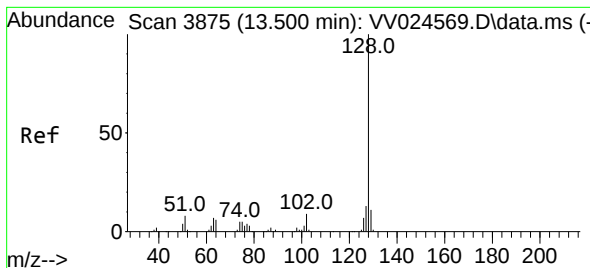
Ion Ratio Lower Upper

180 100

182 92.1 74.4 111.6

145 33.4 23.3 34.9





#71

Naphthalene

Concen: 5.000 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Instrument :

MSVOA_V

ClientSampleId :

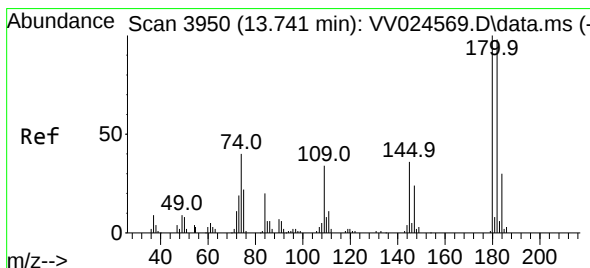
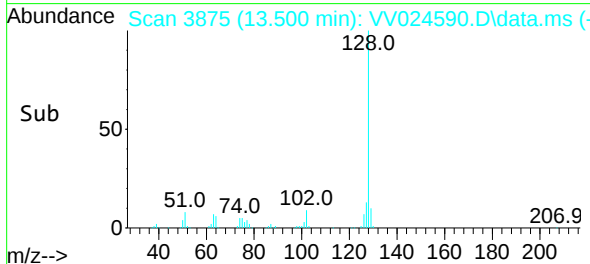
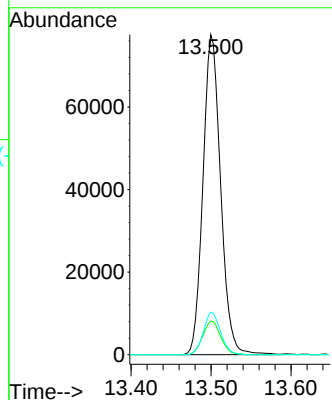
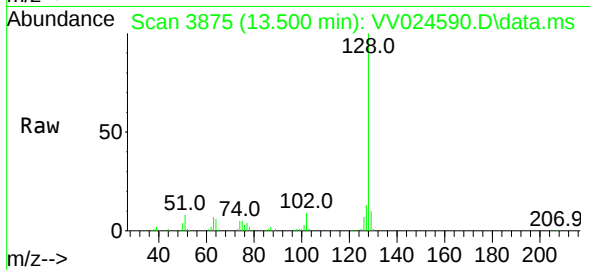
Tgt Ion:128 Resp: 119279

Ion Ratio Lower Upper

128 100

129 10.7 9.0 13.4

127 12.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 5.005 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV024590.D

Acq: 10 Feb 2022 23:53

Tgt Ion:180 Resp: 55447

Ion Ratio Lower Upper

180 100

182 93.9 76.8 115.2

145 36.4 25.8 38.6

