

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032122\
 Data File : VW025106.D
 Acq On : 21 Mar 2022 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 21 12:12:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	169083	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	152224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59295	4.442	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.800%
7) Chloroethane-d5	1.568	69	47172	4.826	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.111	63	104704	4.853	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.000%
20) 2-Butanone-d5	3.899	46	94858	58.799	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.600%
24) Chloroform-d	4.346	84	106904	4.829	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.031	65	45228	4.886	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.047	84	218125	4.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.066	67	63180	4.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.313	98	197516	4.908	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	7.619	79	21456	4.847	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.000%
46) 2-Hexanone-d5	8.085	63	80982	53.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38332	5.131	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	63341	5.050	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	80393	5.381	ug/L	98
3) Chloromethane	1.243	50	71882	5.102	ug/L	99
5) Vinyl chloride	1.310	62	79654	5.358	ug/L	99
6) Bromomethane	1.523	94	47380	4.932	ug/L	97
8) Chloroethane	1.587	64	48741	5.407	ug/L	98
9) Trichlorofluoromethane	1.754	101	110618	5.471	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	64314	5.866	ug/L	98
12) 1,1-Dichloroethene	2.121	96	59798	5.552	ug/L	92
13) Acetone	2.188	43	68907	63.865	ug/L	81
14) Carbon disulfide	2.294	76	196209	5.091	ug/L	100
15) Methyl Acetate	2.442	43	18249	6.174	ug/L	92
16) Methylene chloride	2.507	84	71103	5.448	ug/L	100
17) Methyl tert-butyl Ether	2.767	73	136459	5.816	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	71973	5.552	ug/L	98
19) 1,1-Dichloroethane	3.188	63	121916	5.526	ug/L	99
21) 2-Butanone	3.979	43	110597	64.946	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	74606	5.701	ug/L	97
23) Bromochloromethane	4.249	128	29487	5.715	ug/L	92
25) Chloroform	4.371	83	126764	5.519	ug/L	97

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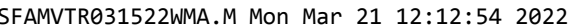
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 ClientSampleId :

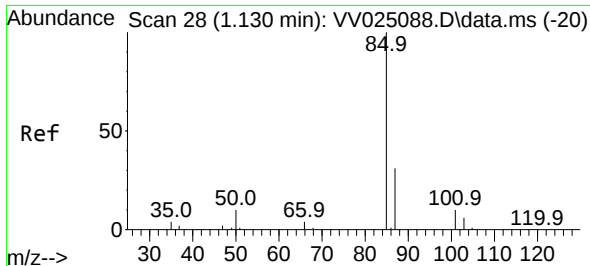
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	63283	5.541	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	113699	5.857	ug/L	99
30) Cyclohexane	4.677	56	106651	5.647	ug/L	99
31) Carbon tetrachloride	4.825	117	97554	5.857	ug/L	100
33) Benzene	5.095	78	279428	5.644	ug/L	100
34) Trichloroethene	5.908	95	75559	5.731	ug/L	98
35) Methylcyclohexane	6.127	83	123188	5.903	ug/L	99
37) 1,2-Dichloropropane	6.169	63	67506	5.933	ug/L	100
38) Bromodichloromethane	6.506	83	82676	5.746	ug/L	98
39) cis-1,3-Dichloropropene	7.024	75	90198	5.709	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	270419	57.759	ug/L	98
42) Toluene	7.384	91	304487	5.876	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	70810	5.696	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	42865	5.641	ug/L	98
47) Tetrachloroethene	7.973	164	54297	5.855	ug/L	99
48) 2-Hexanone	8.137	43	185538	55.898	ug/L	96
49) Dibromochloromethane	8.243	129	48878	5.746	ug/L	100
50) 1,2-Dibromoethane	8.349	107	41149	5.917	ug/L	99
51) Chlorobenzene	8.876	112	188139	5.798	ug/L	98
52) Ethylbenzene	9.008	91	329320	6.008	ug/L	100
53) m,p-xylene	9.136	106	128823	6.103	ug/L	98
54) o-xylene	9.542	106	122975	6.092	ug/L	97
55) Styrene	9.558	104	201556	6.131	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	45942	6.166	ug/L	99
59) Bromoform	9.728	173	21854	5.476	ug/L	99
60) Isopropylbenzene	9.927	105	328063	5.871	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	33741	5.415	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	150964	5.954	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	274229	6.107	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	142611	5.883	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	138395	5.664	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	123558	5.753	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5932	5.553	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	102796	6.004	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	79284	5.943	ug/L	99
71) Naphthalene	13.500	128	125229	5.653	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	65034	5.753	ug/L	98

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

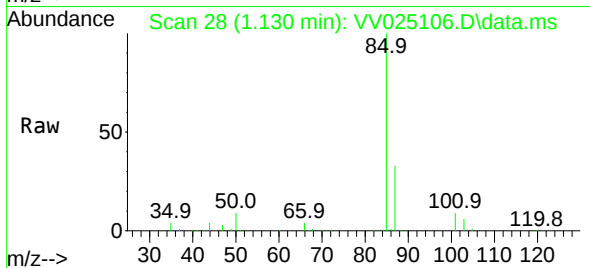
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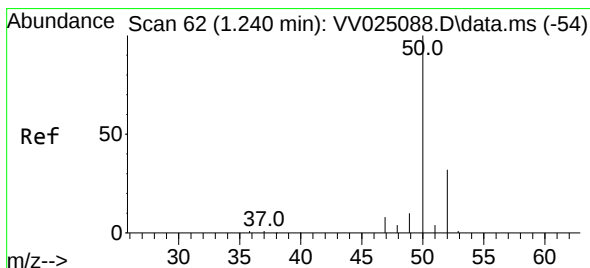
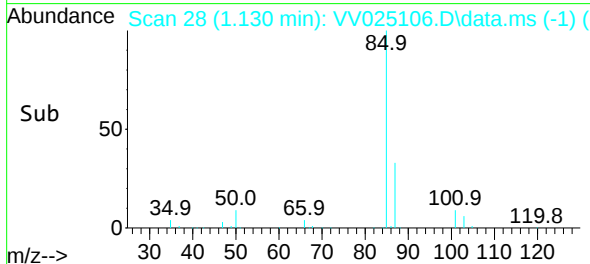
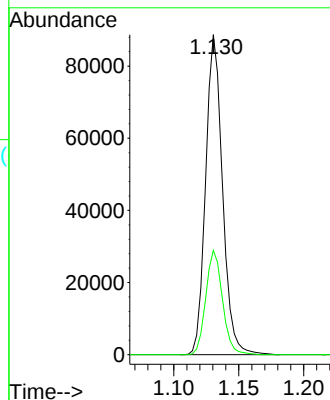


#2
 Dichlorodifluoromethane
 Concen: 5.381 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

Instrument :
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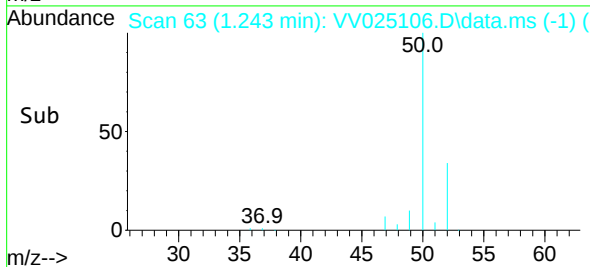
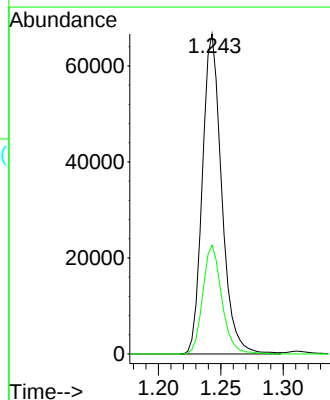
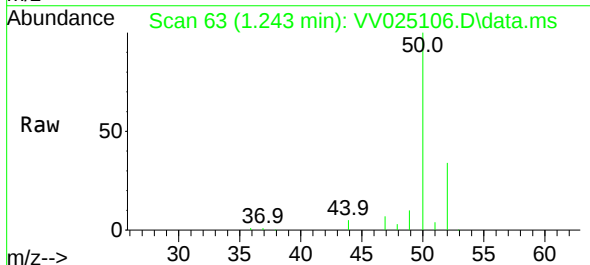


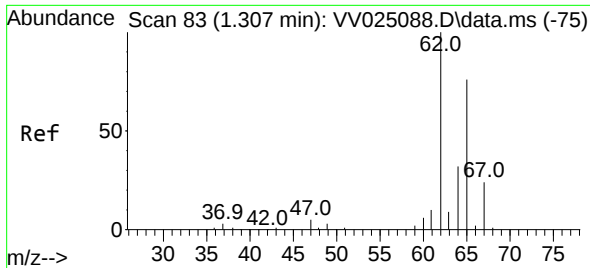
Tgt Ion: 85 Resp: 80393
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.7 40.1



#3
 Chloromethane
 Concen: 5.102 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

Tgt Ion: 50 Resp: 71882
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.2

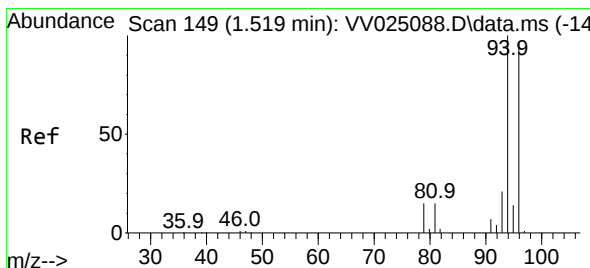
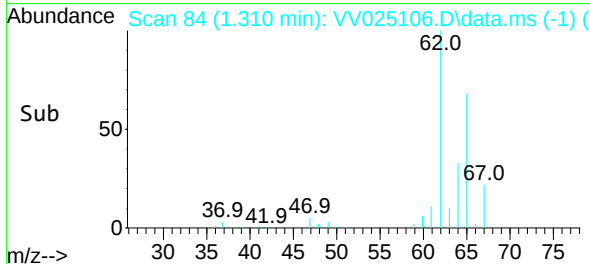
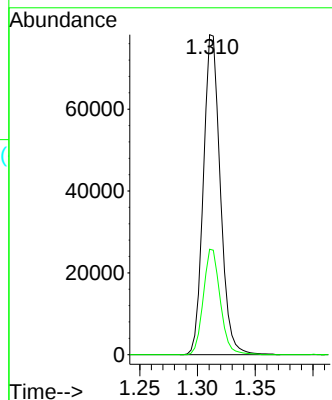
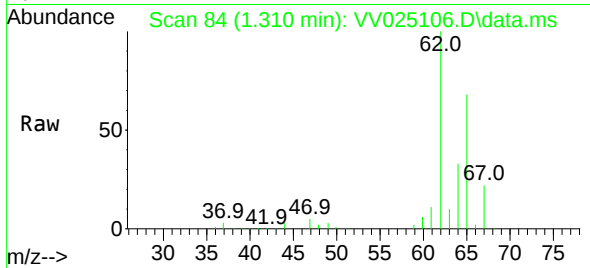




#5
 Vinyl chloride
 Concen: 5.358 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

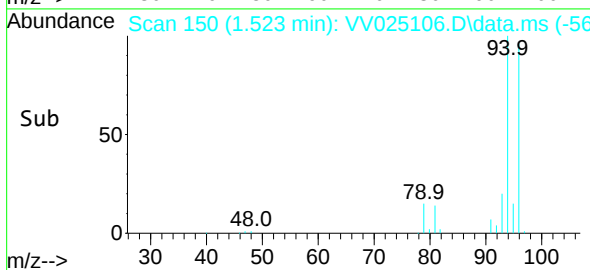
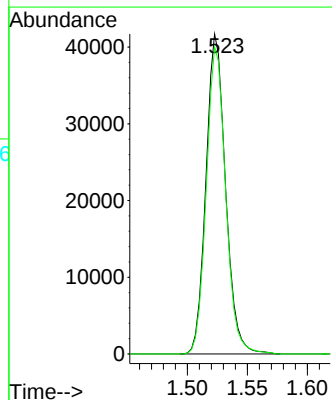
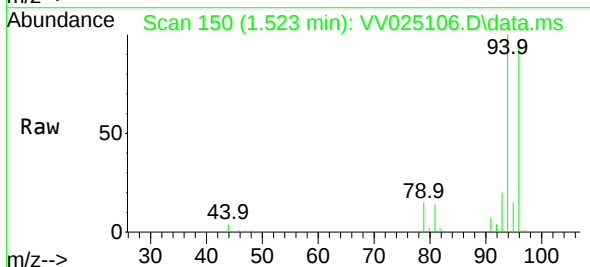
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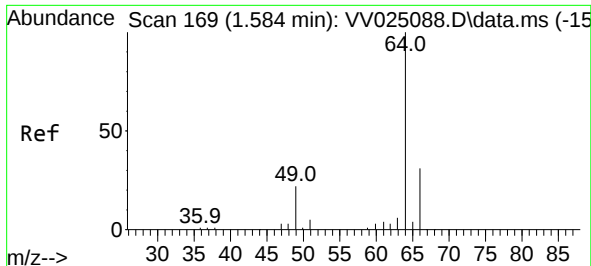
Tgt Ion: 62 Resp: 79654
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 4.932 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

Tgt Ion: 94 Resp: 47380
 Ion Ratio Lower Upper
 94 100
 96 95.9 64.9 120.5

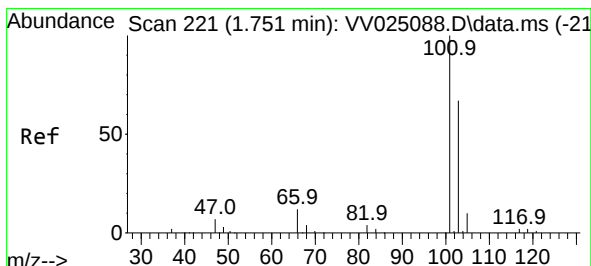
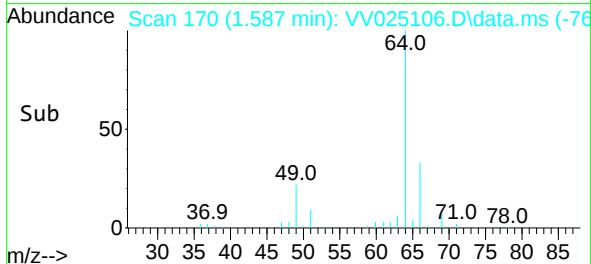
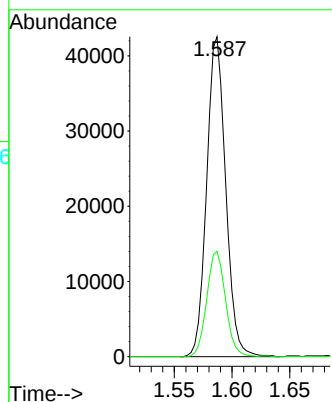
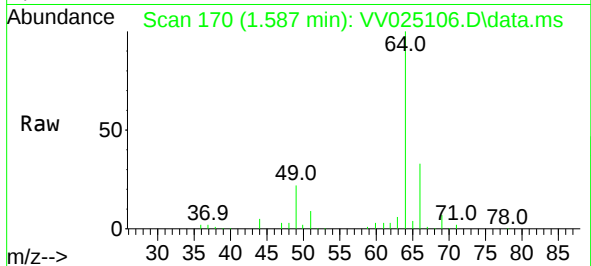




#8
Chloroethane
Concen: 5.407 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

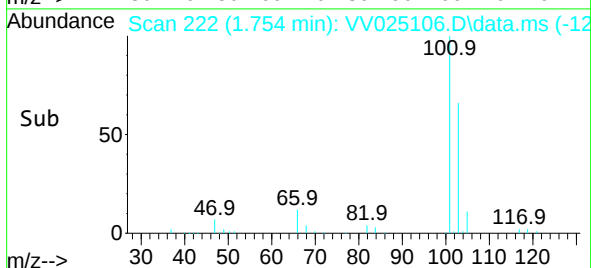
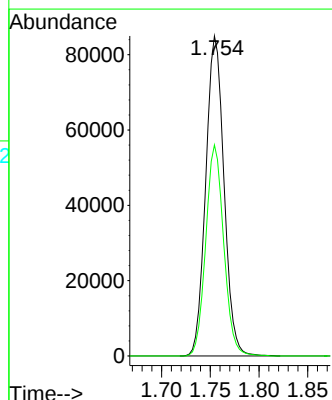
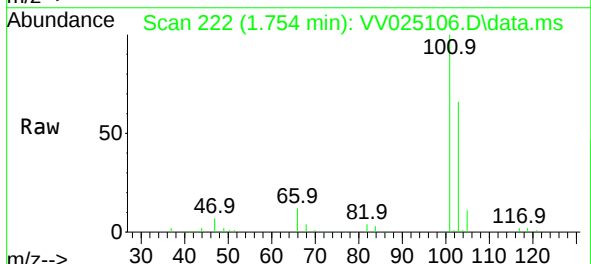
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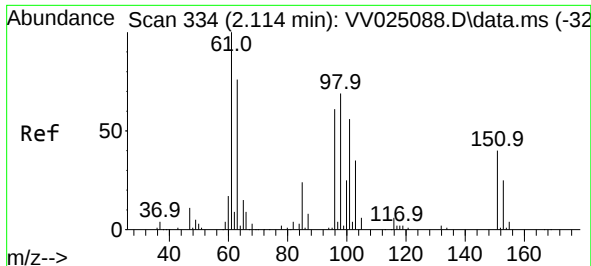
Tgt Ion: 64 Resp: 48741
Ion Ratio Lower Upper
64 100
66 33.0 22.5 41.7



#9
Trichlorofluoromethane
Concen: 5.471 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:101 Resp: 110618
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

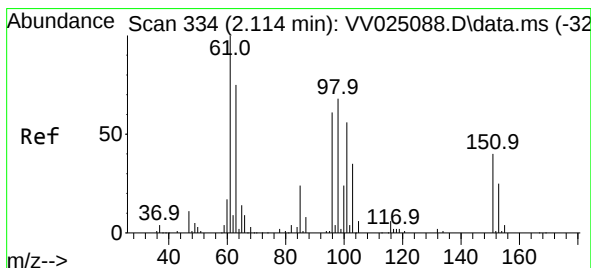
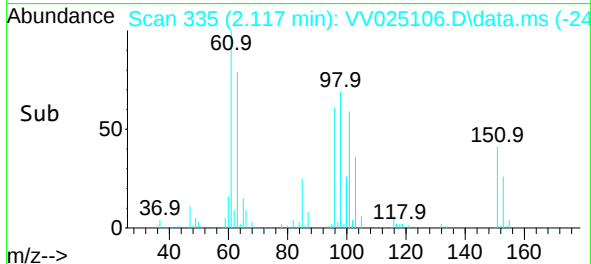
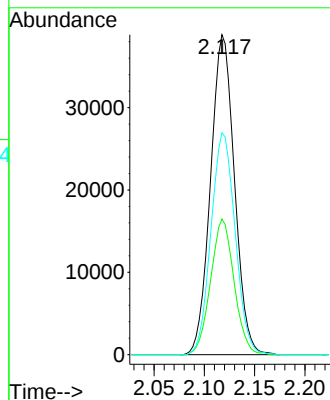
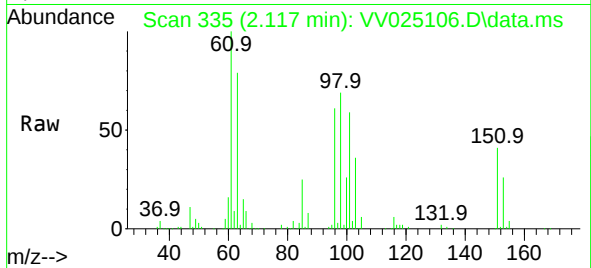




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.866 ug/L
 RT: 2.117 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

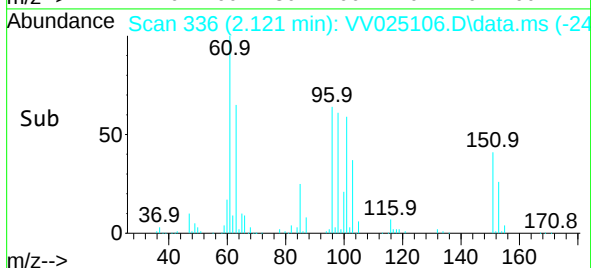
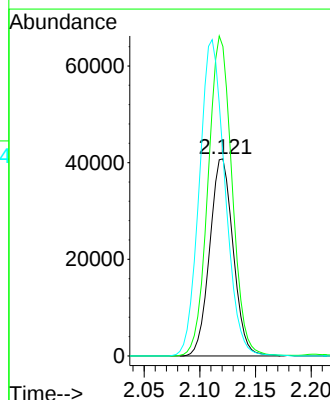
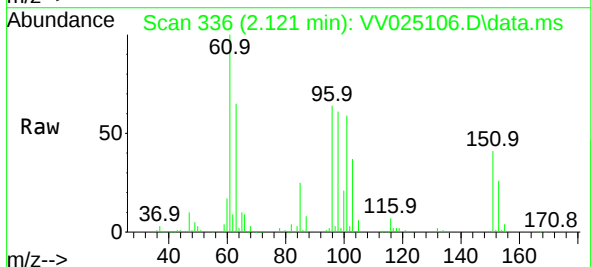
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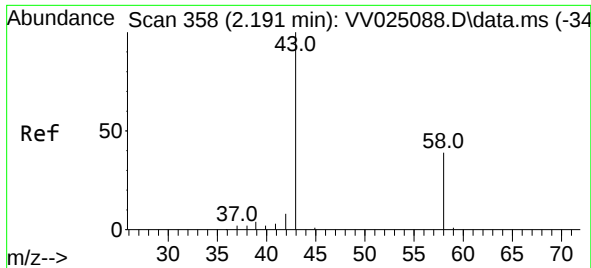
Tgt Ion:101 Resp: 64314
 Ion Ratio Lower Upper
 101 100
 85 41.7 34.8 52.2
 151 70.2 55.6 83.4



#12
 1,1-Dichloroethene
 Concen: 5.552 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

Tgt Ion: 96 Resp: 59798
 Ion Ratio Lower Upper
 96 100
 61 156.9 113.0 209.9
 63 102.5 82.1 152.5

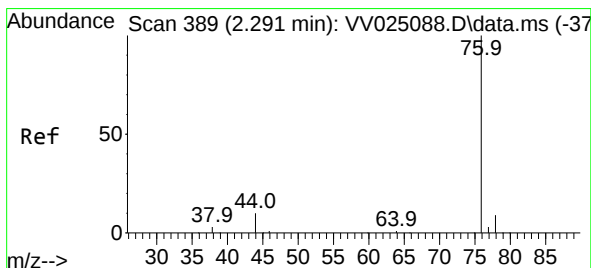
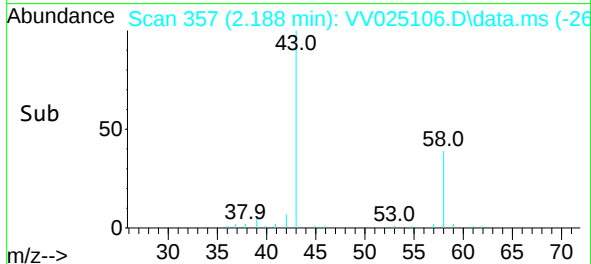
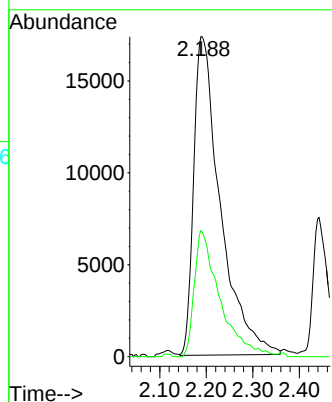
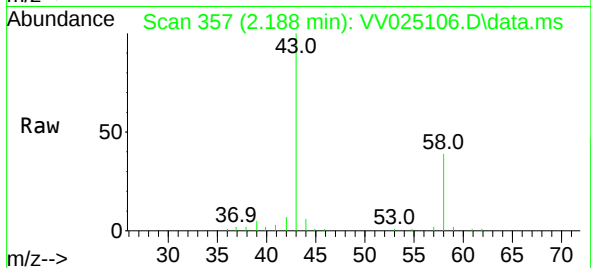




#13
Acetone
Concen: 63.865 ug/L
RT: 2.188 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

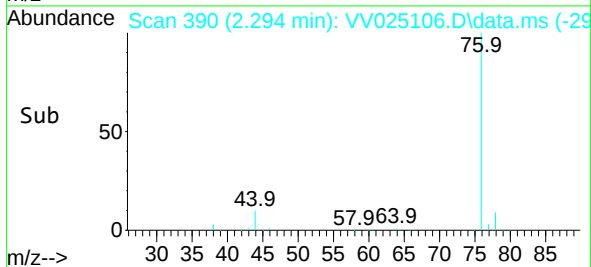
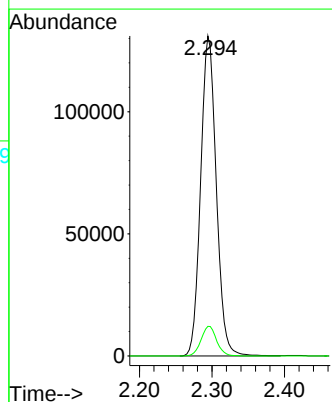
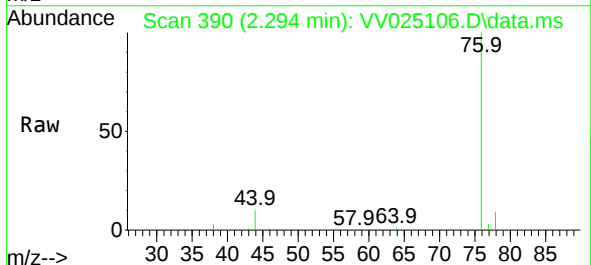
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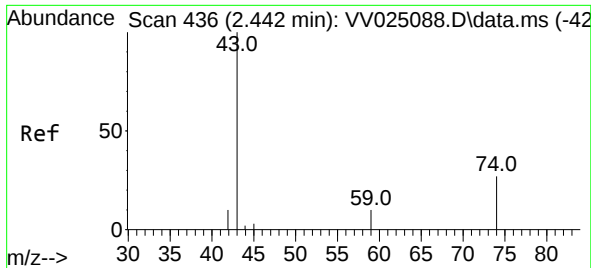
Tgt Ion: 43 Resp: 68907
Ion Ratio Lower Upper
43 100
58 36.9 0.0 54.2



#14
Carbon disulfide
Concen: 5.091 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion: 76 Resp: 196209
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

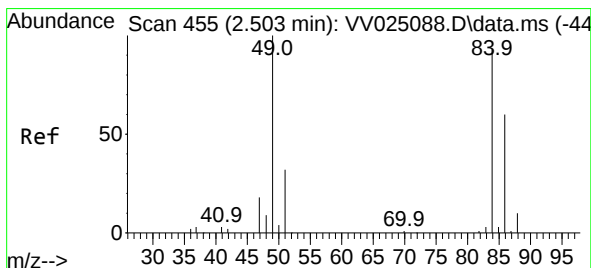
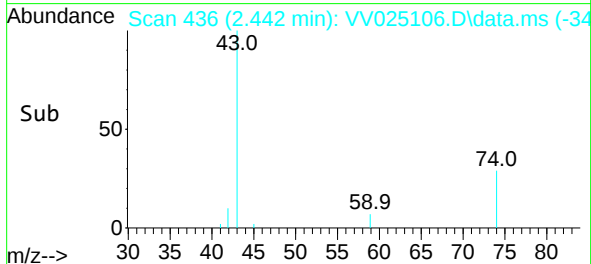
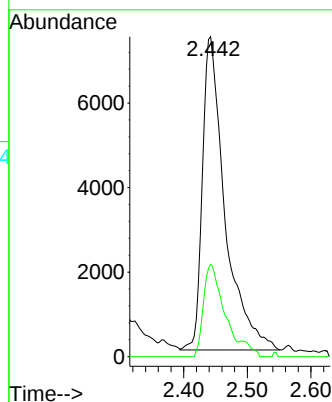
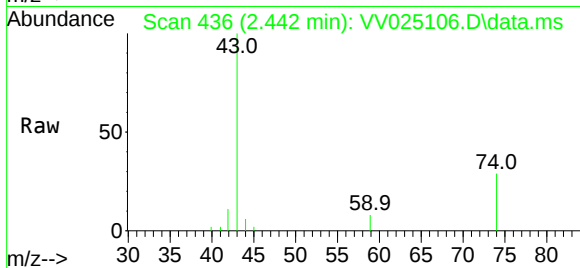




#15
Methyl Acetate
Concen: 6.174 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

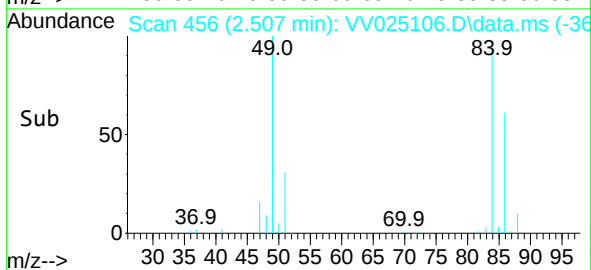
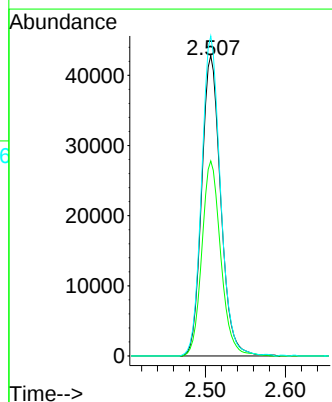
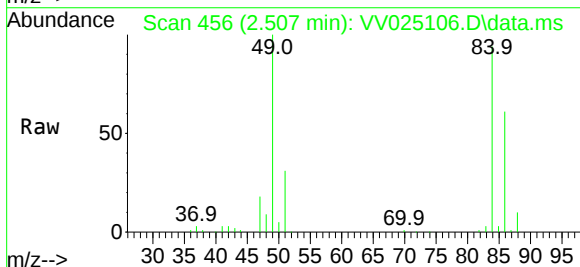
Instrument :
MSVOA_V
ClientSampleId :

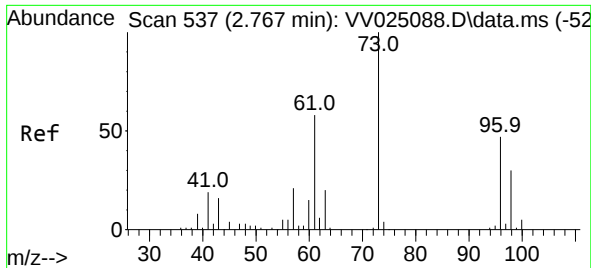
Tgt Ion: 43 Resp: 18249
Ion Ratio Lower Upper
43 100
74 26.0 24.2 36.4



#16
Methylene chloride
Concen: 5.448 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

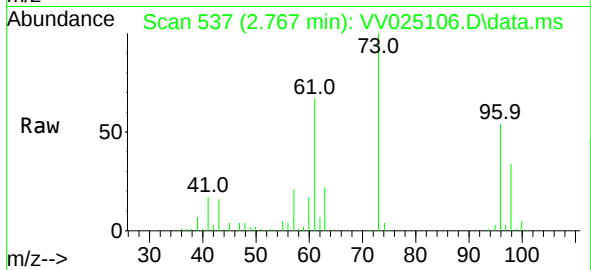
Tgt Ion: 84 Resp: 71103
Ion Ratio Lower Upper
84 100
86 65.0 45.5 84.5
49 106.6 75.0 139.2



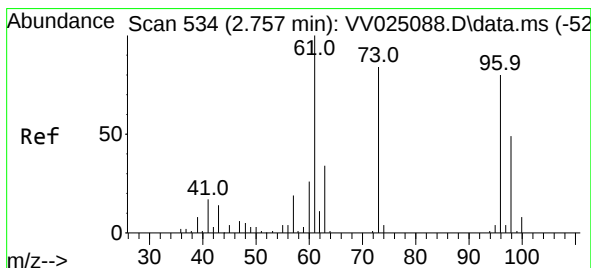
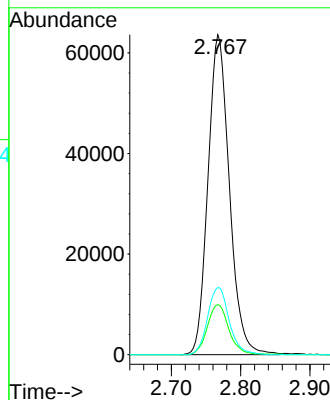
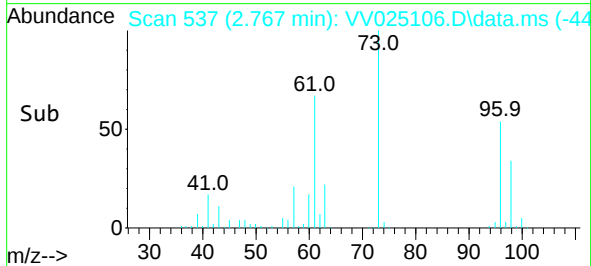


#17
Methyl tert-butyl Ether
Concen: 5.816 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

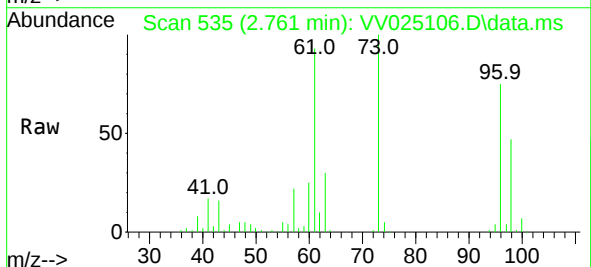
Instrument :
MSVOA_V
ClientSampleId :



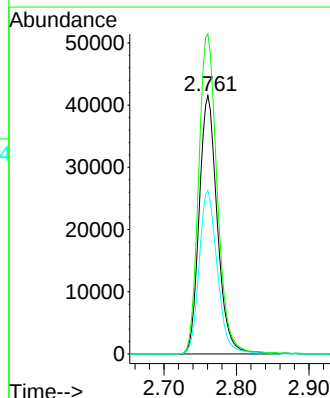
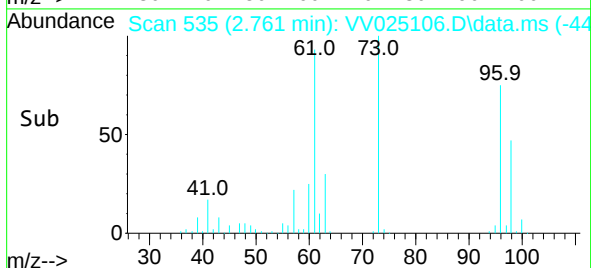
Tgt Ion: 73 Resp: 136459
Ion Ratio Lower Upper
73 100
43 15.8 13.2 19.8
57 21.2 16.7 25.1

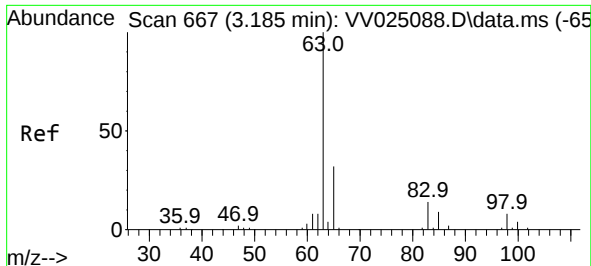


#18
trans-1,2-Dichloroethene
Concen: 5.552 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37



Tgt Ion: 96 Resp: 71973
Ion Ratio Lower Upper
96 100
61 123.9 89.2 165.6
98 63.2 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.526 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

ClientSampleId :

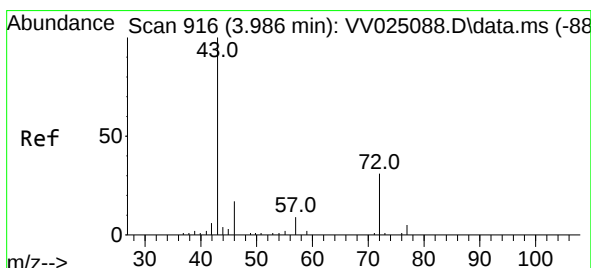
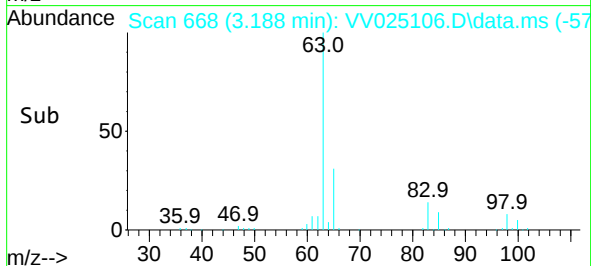
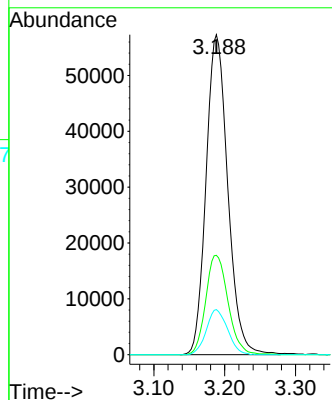
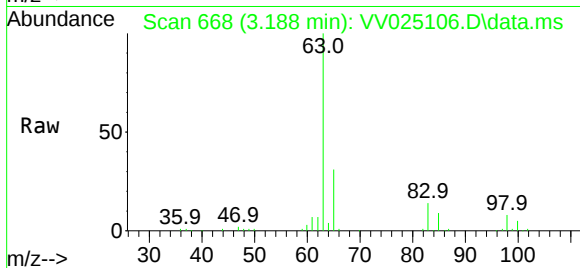
Tgt Ion: 63 Resp: 121916

Ion Ratio Lower Upper

63 100

65 31.0 22.2 41.2

83 14.1 9.4 17.4



#21

2-Butanone

Concen: 64.946 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.006 min

Lab File: VV025106.D

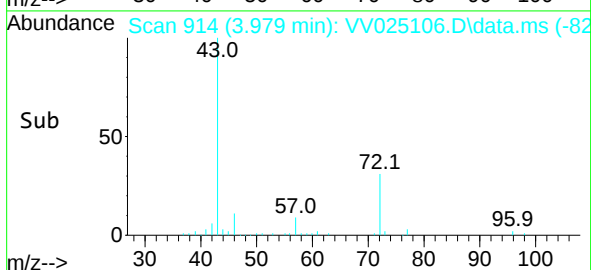
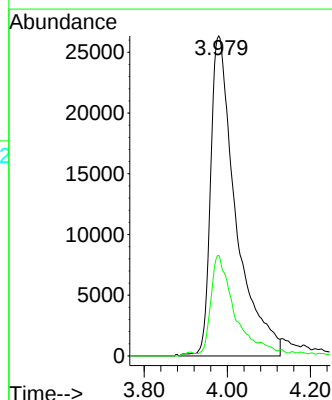
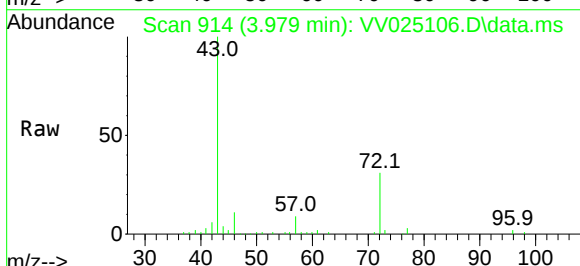
Acq: 21 Mar 2022 09:37

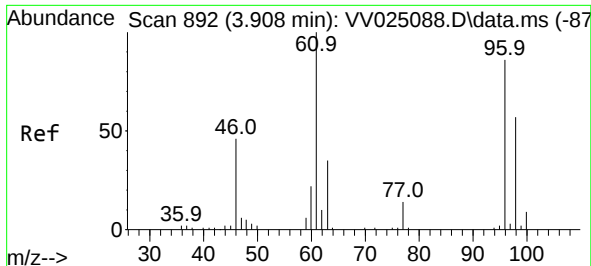
Tgt Ion: 43 Resp: 110597

Ion Ratio Lower Upper

43 100

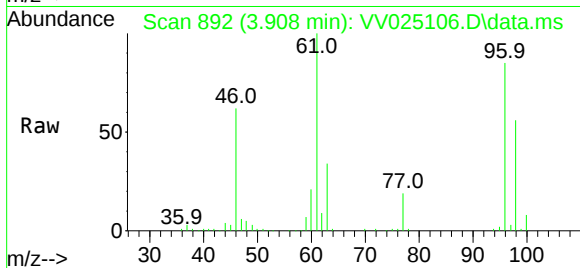
72 26.5 10.4 31.2



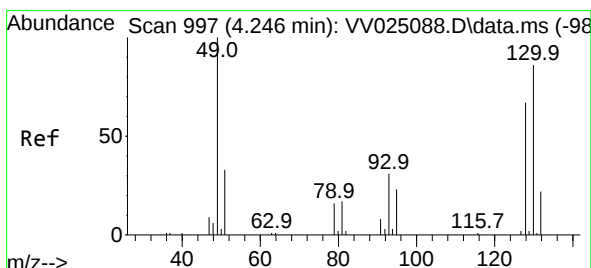
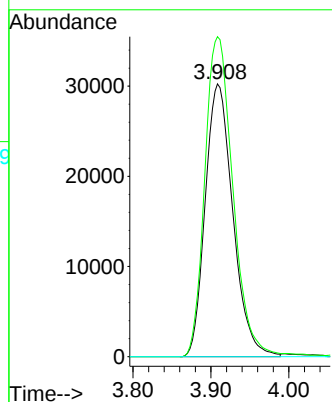
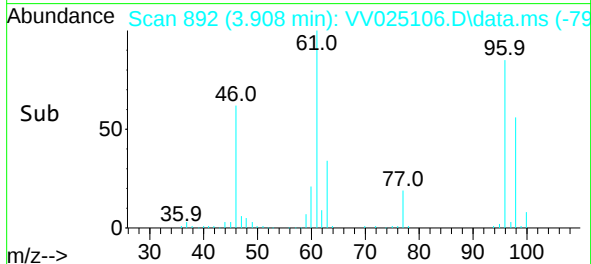


#22
 cis-1,2-Dichloroethene
 Concen: 5.701 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

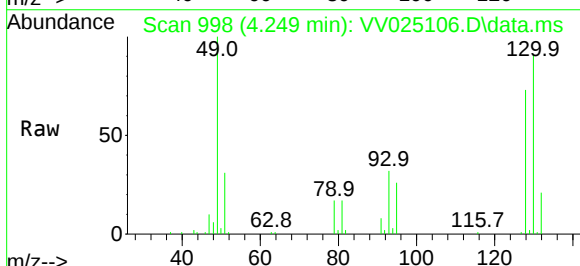
Instrument :
 MSVOA_V
 ClientSampleId :



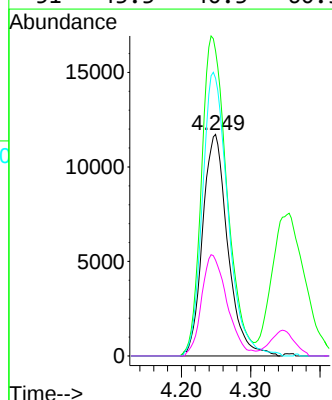
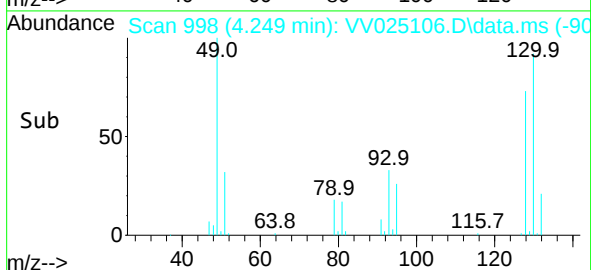
Tgt Ion: 96 Resp: 74606
 Ion Ratio Lower Upper
 96 100
 61 117.3 79.7 147.9
 68 0.0 0.0 0.0

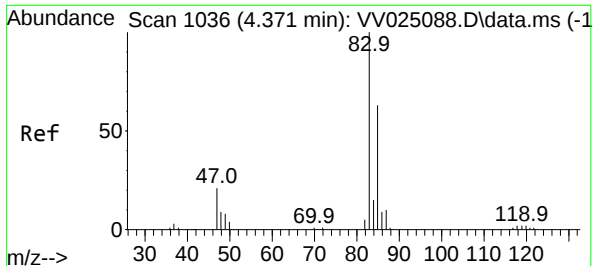


#23
 Bromochloromethane
 Concen: 5.715 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.003 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37



Tgt Ion: 128 Resp: 29487
 Ion Ratio Lower Upper
 128 100
 49 137.7 107.5 199.7
 130 125.3 89.4 166.0
 51 43.3 40.3 60.5





#25

Chloroform

Concen: 5.519 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

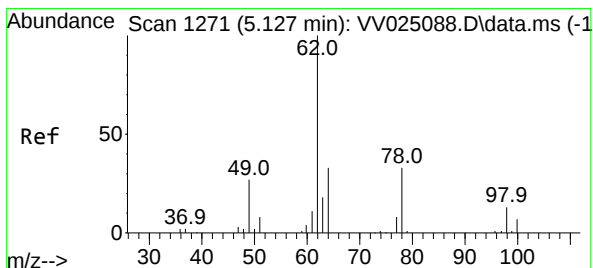
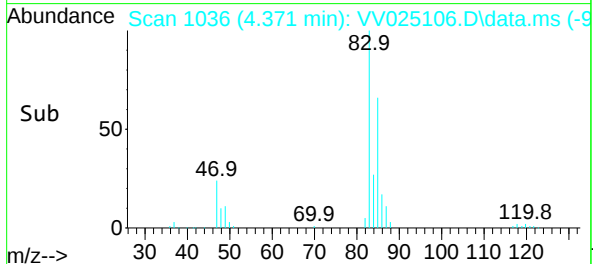
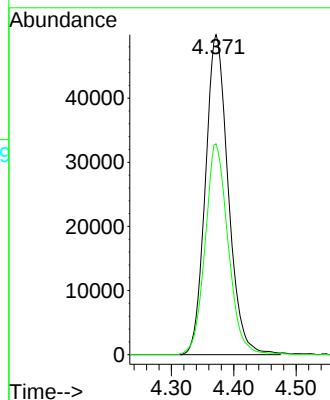
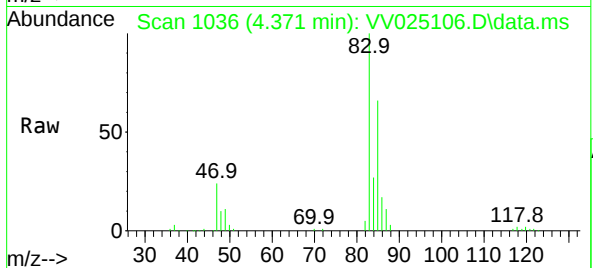
ClientSampleId :

Tgt Ion: 83 Resp: 126764

Ion Ratio Lower Upper

83 100

85 65.9 44.5 82.7



#27

1,2-Dichloroethane

Concen: 5.541 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025106.D

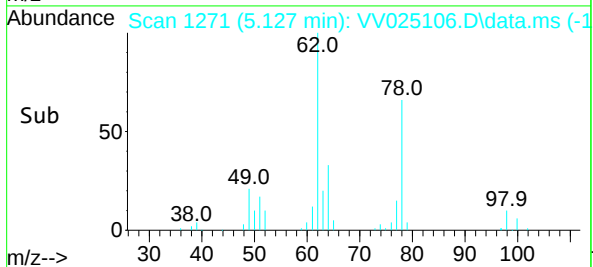
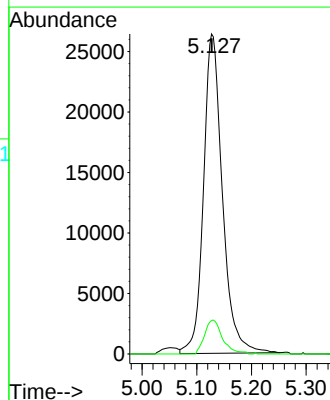
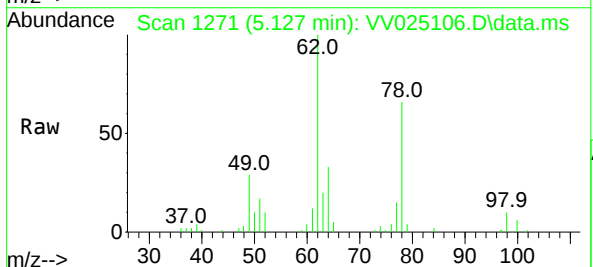
Acq: 21 Mar 2022 09:37

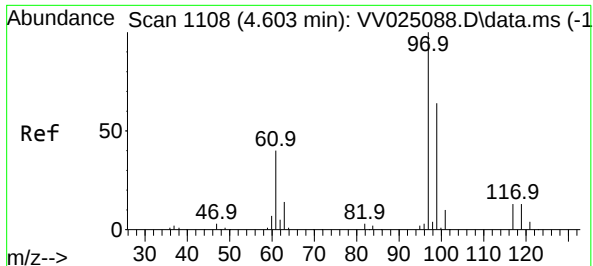
Tgt Ion: 62 Resp: 63283

Ion Ratio Lower Upper

62 100

98 10.5 9.0 13.4





#29

1,1,1-Trichloroethane

Concen: 5.857 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

ClientSampleId :

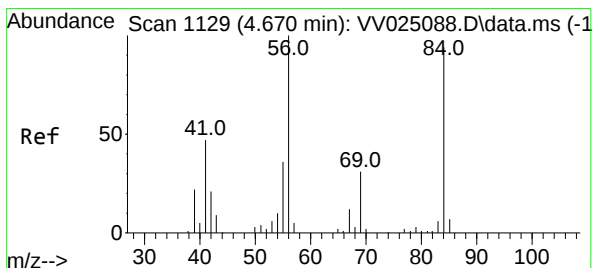
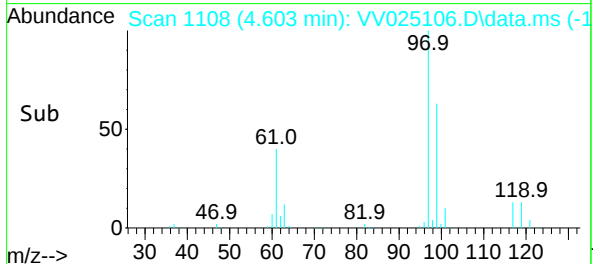
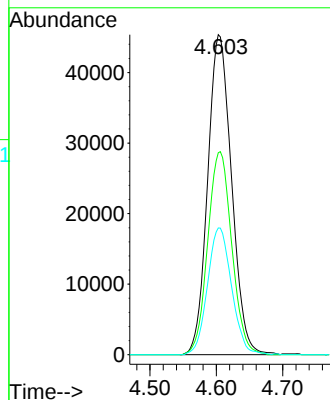
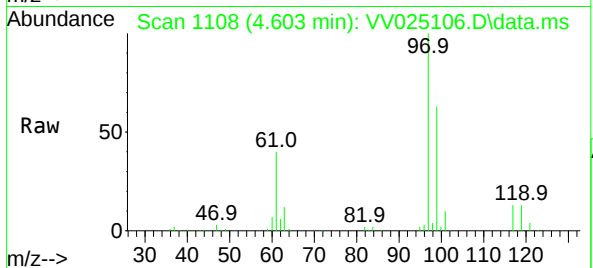
Tgt Ion: 97 Resp: 113699

Ion Ratio Lower Upper

97 100

99 63.8 50.7 76.1

61 39.9 32.4 48.6



#30

Cyclohexane

Concen: 5.647 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

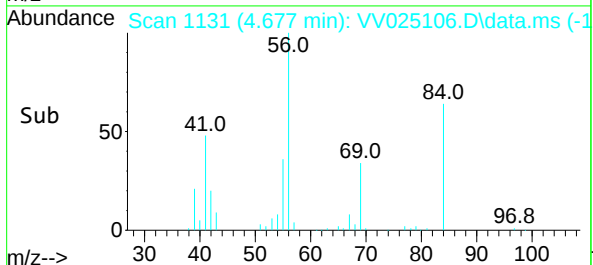
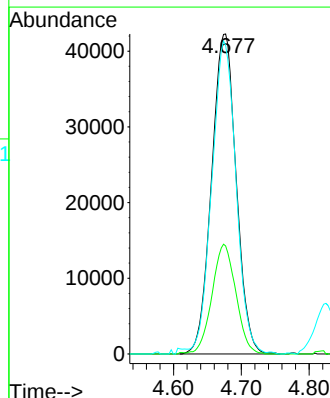
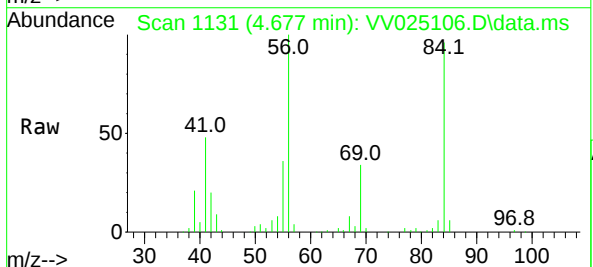
Tgt Ion: 56 Resp: 106651

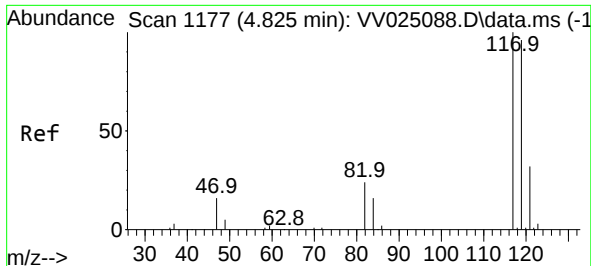
Ion Ratio Lower Upper

56 100

69 33.2 24.9 37.3

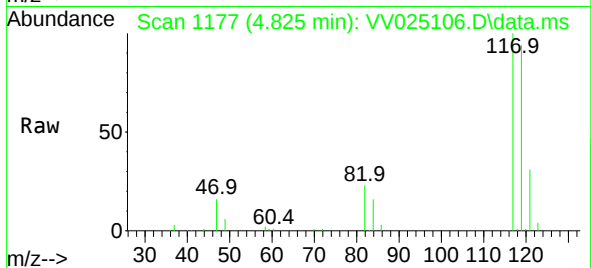
84 94.7 75.9 113.9



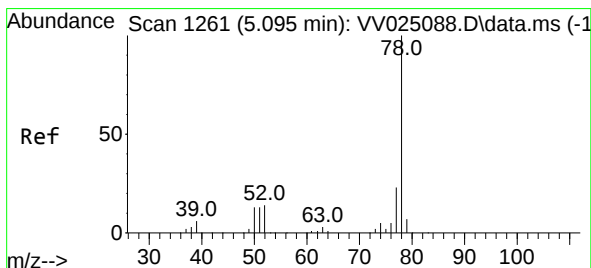
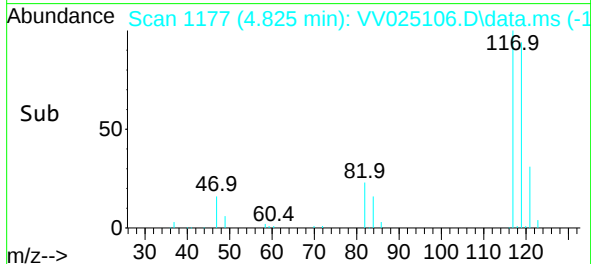
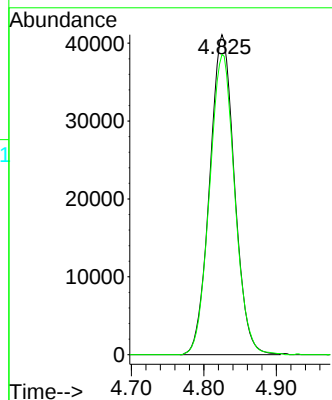


#31
Carbon tetrachloride
Concen: 5.857 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Instrument :
MSVOA_V
ClientSampleId :

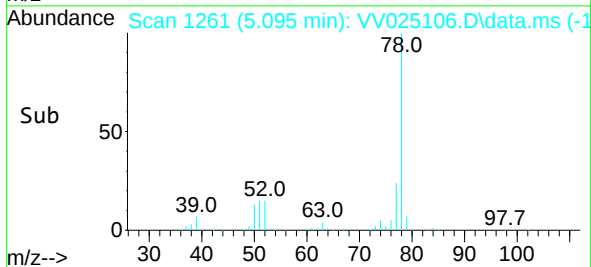
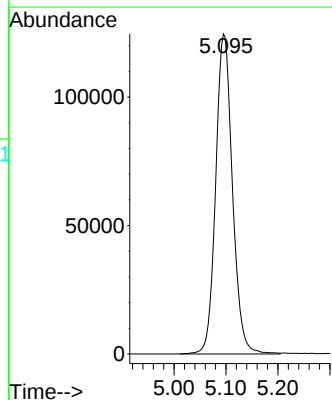
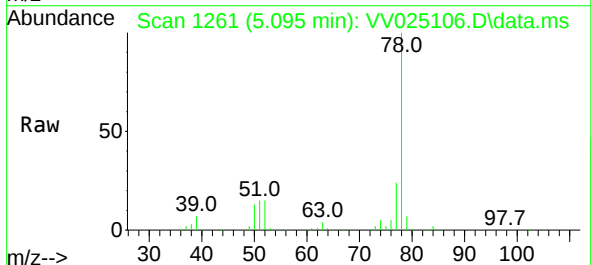


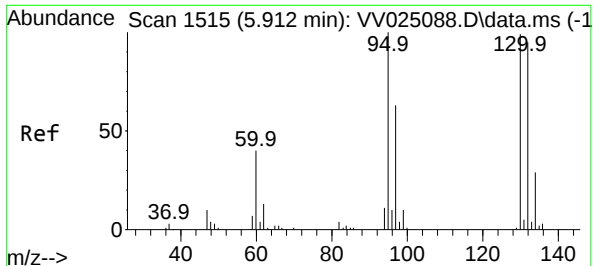
Tgt Ion:117 Resp: 97554
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2



#33
Benzene
Concen: 5.644 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion: 78 Resp: 279428





#34

Trichloroethene

Concen: 5.731 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

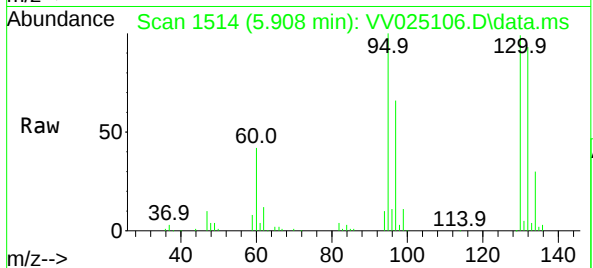
Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 75559

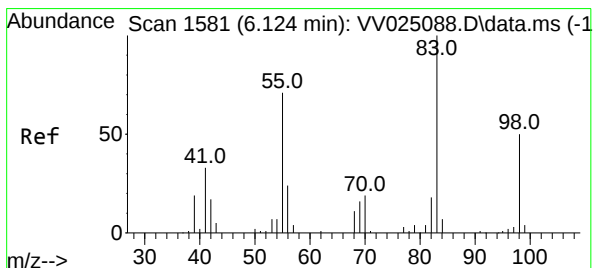
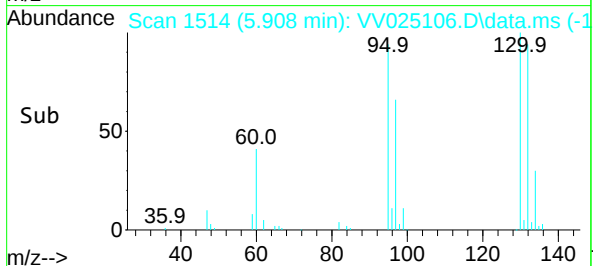
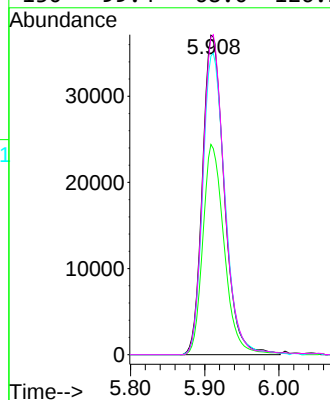
Ion Ratio Lower Upper

95 100

97 65.8 44.5 82.7

132 93.4 66.5 123.5

130 99.4 68.0 126.2



#35

Methylcyclohexane

Concen: 5.903 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. 0.003 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

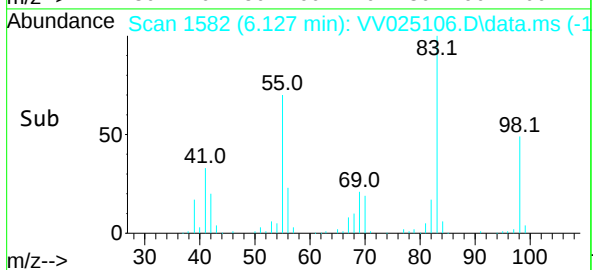
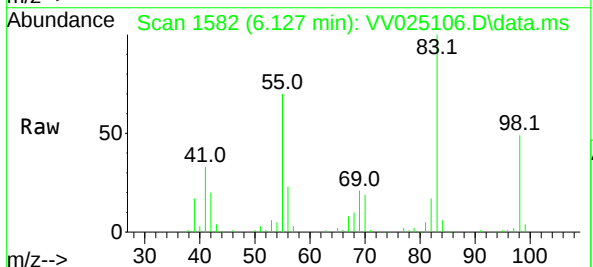
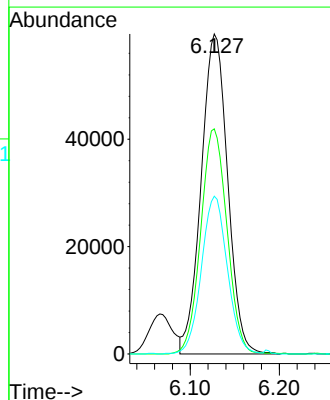
Tgt Ion: 83 Resp: 123188

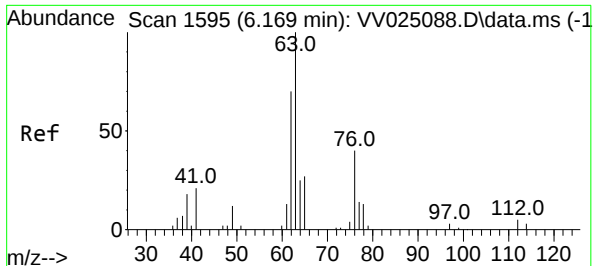
Ion Ratio Lower Upper

83 100

55 69.9 55.4 83.0

98 48.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 5.933 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

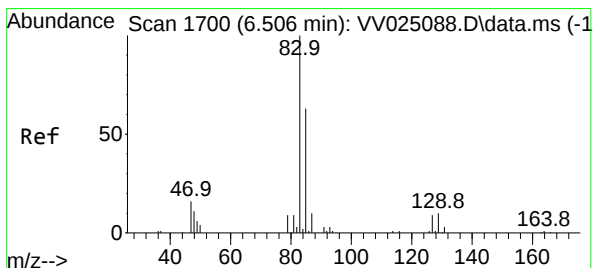
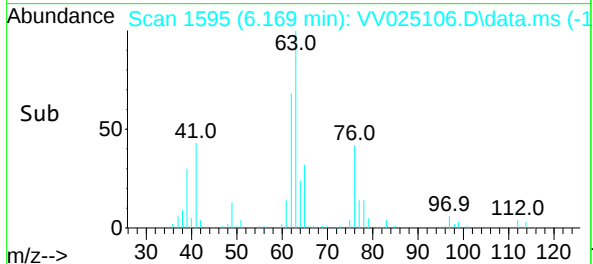
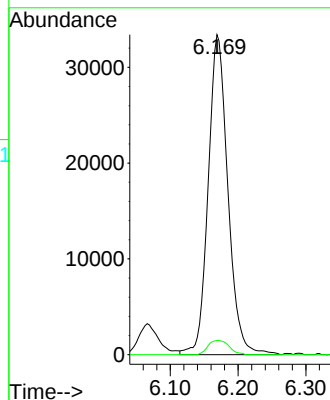
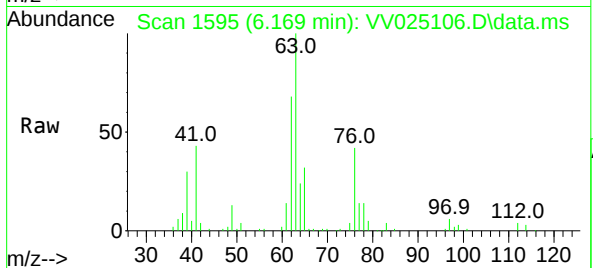
ClientSampleId :

Tgt Ion: 63 Resp: 67506

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 5.746 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

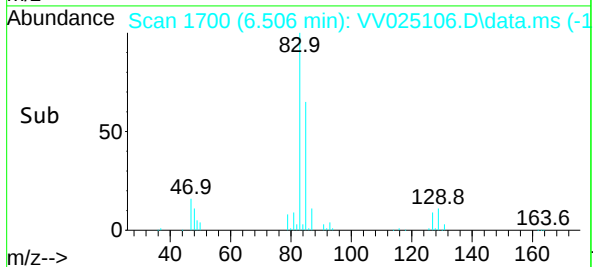
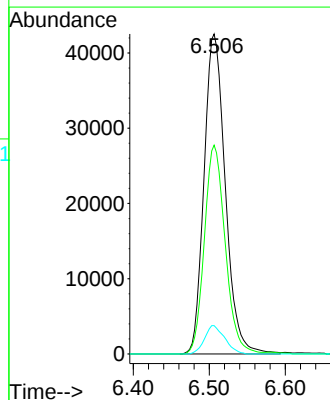
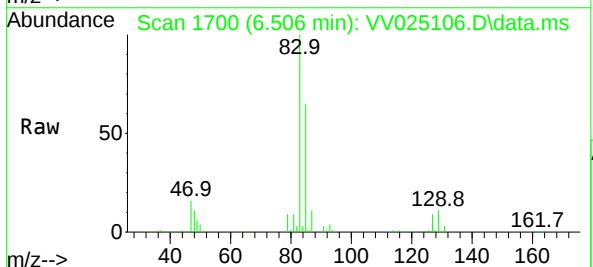
Tgt Ion: 83 Resp: 82676

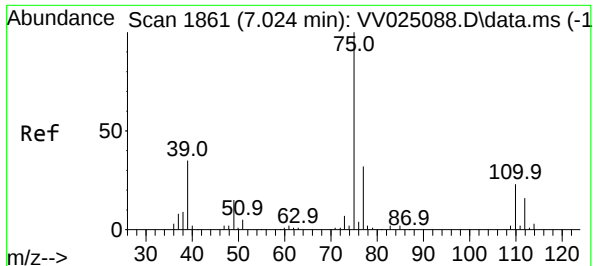
Ion Ratio Lower Upper

83 100

85 65.3 44.8 83.2

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.709 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

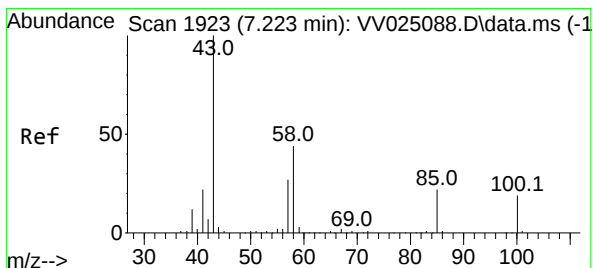
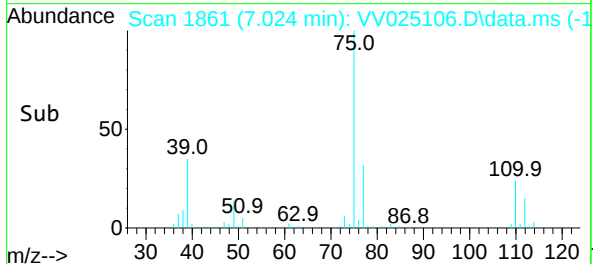
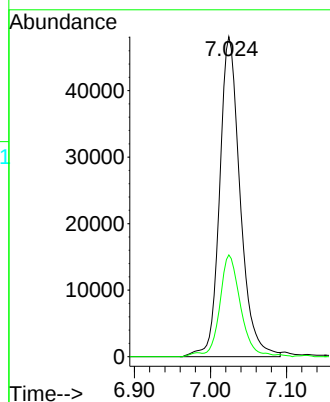
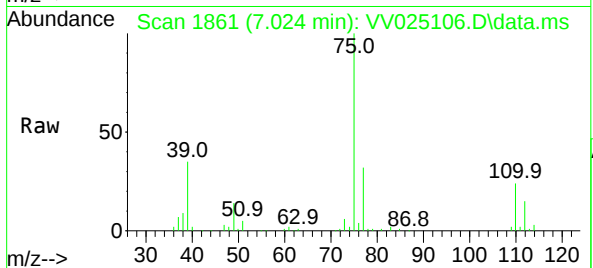
ClientSampleId :

Tgt Ion: 75 Resp: 90198

Ion Ratio Lower Upper

75 100

77 31.8 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 57.759 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

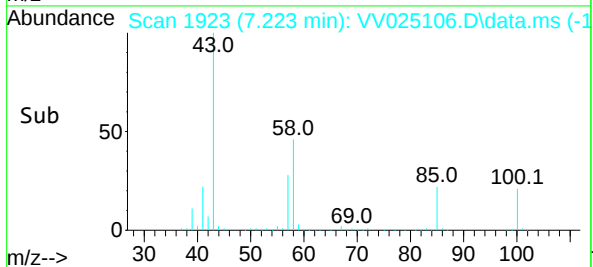
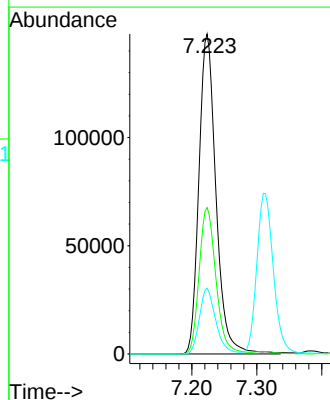
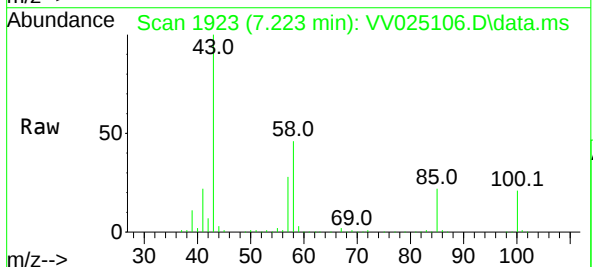
Tgt Ion: 43 Resp: 270419

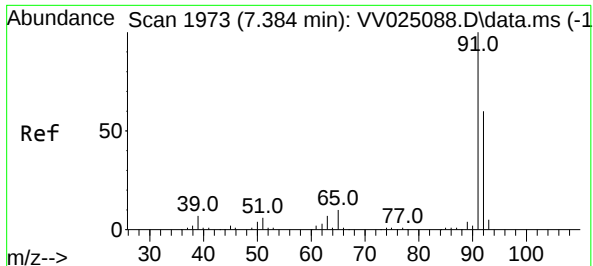
Ion Ratio Lower Upper

43 100

58 45.2 36.6 55.0

100 19.7 13.8 20.8





#42

Toluene

Concen: 5.876 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

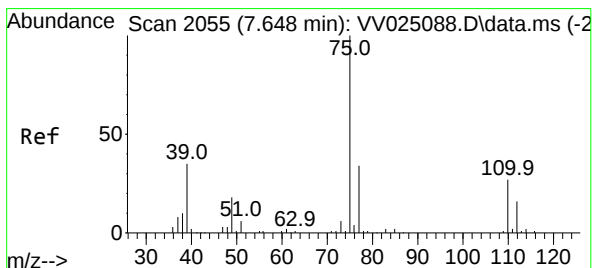
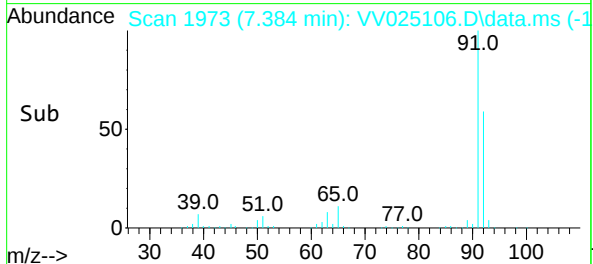
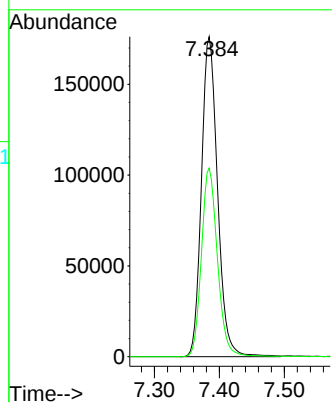
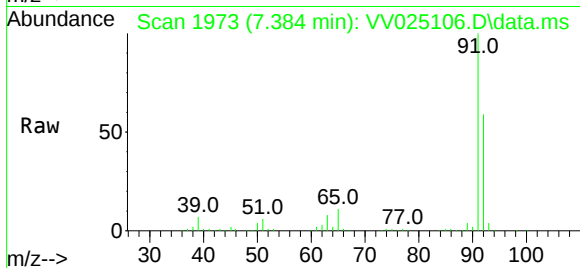
ClientSampleId :

Tgt Ion: 91 Resp: 304487

Ion Ratio Lower Upper

91 100

92 59.0 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.696 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025106.D

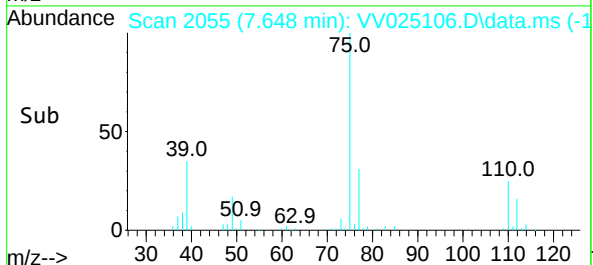
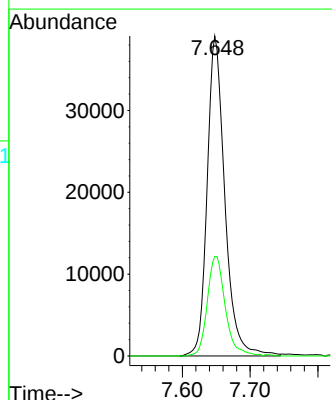
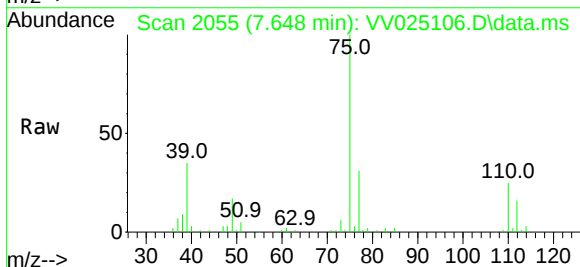
Acq: 21 Mar 2022 09:37

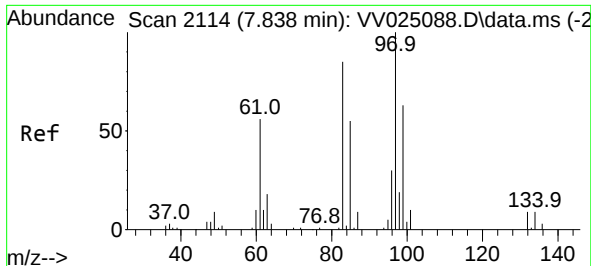
Tgt Ion: 75 Resp: 70810

Ion Ratio Lower Upper

75 100

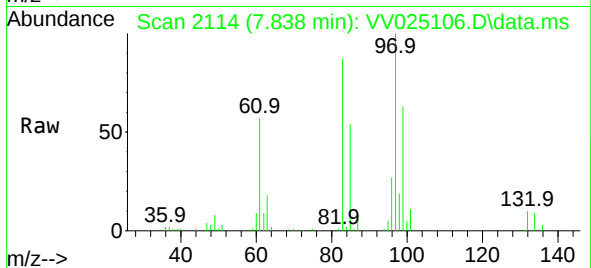
77 31.1 23.0 42.6



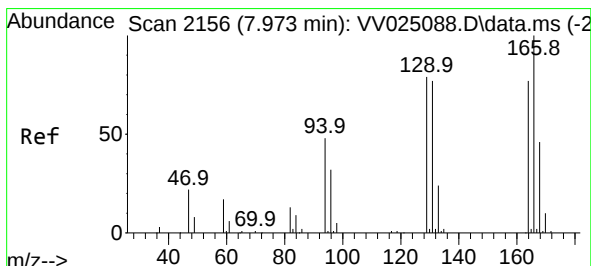
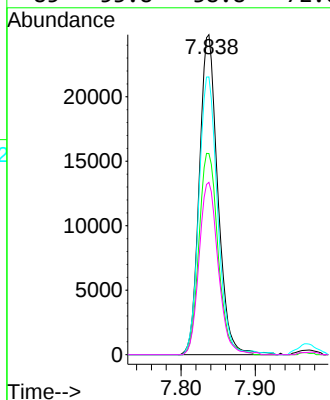
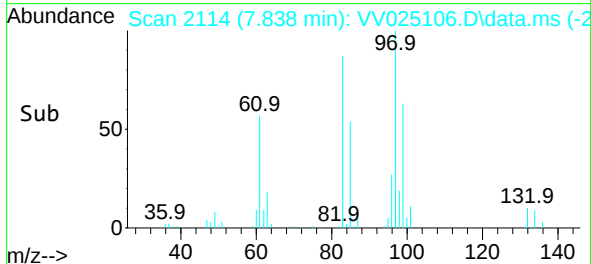


#45
1,1,2-Trichloroethane
Concen: 5.641 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

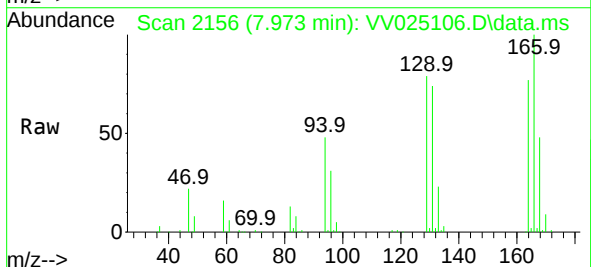
Instrument :
MSVOA_V
ClientSampleId :



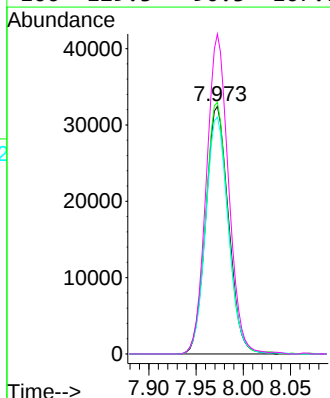
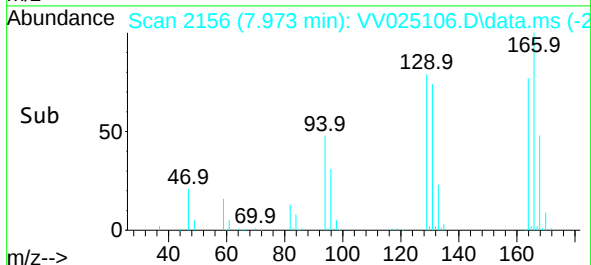
Tgt Ion:	97	Resp:	42865
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.7	81.1
83	86.8	58.9	109.3
85	53.8	38.8	72.0

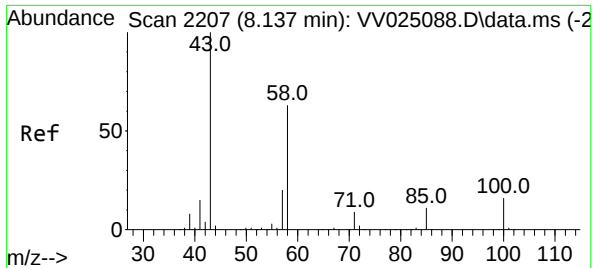


#47
Tetrachloroethene
Concen: 5.855 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37



Tgt Ion:	164	Resp:	54297
Ion	Ratio	Lower	Upper
164	100		
129	101.6	70.3	130.7
131	95.7	69.4	129.0
166	129.3	90.3	167.7

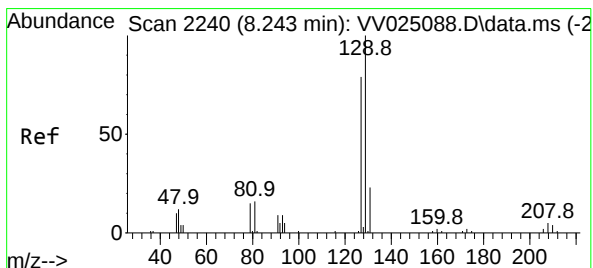
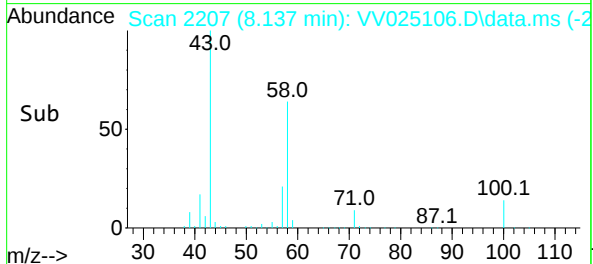
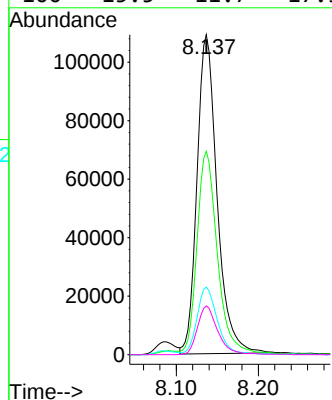
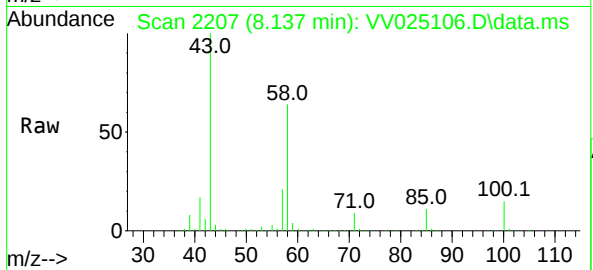




#48
2-Hexanone
Concen: 55.898 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

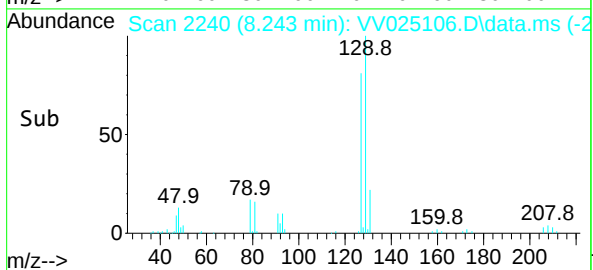
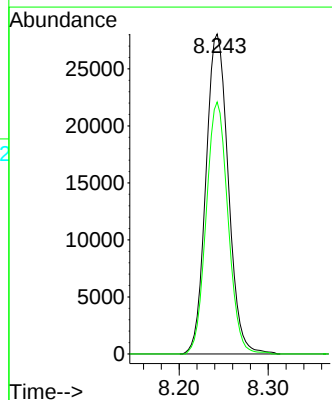
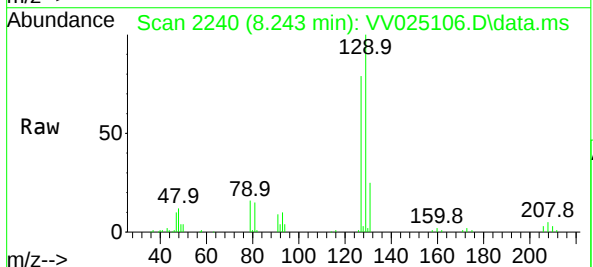
Instrument :
MSVOA_V
ClientSampleId :

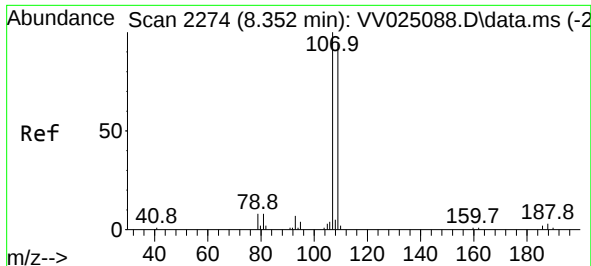
Tgt Ion: 43	Resp: 185538		
Ion	Ratio	Lower	Upper
43	100		
58	64.6	49.2	73.8
57	21.4	16.0	24.0
100	15.5	11.7	17.5



#49
Dibromochloromethane
Concen: 5.746 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:129	Resp: 48878		
Ion Ratio	Lower	Upper	
129 100			
127 78.7	54.9	102.1	





#50

1,2-Dibromoethane

Concen: 5.917 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

ClientSampleId :

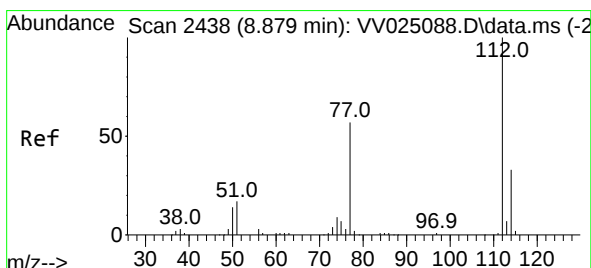
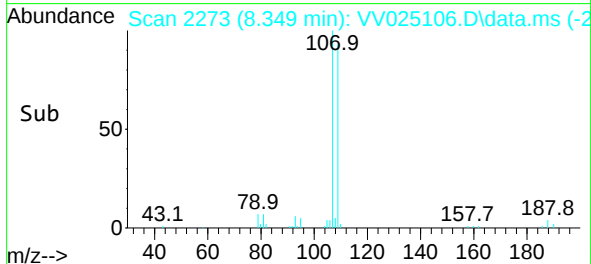
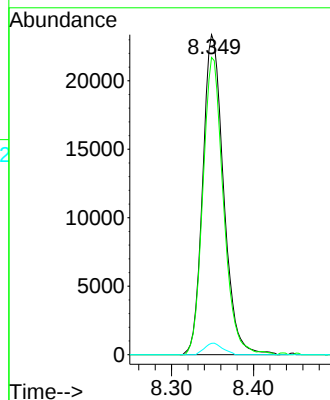
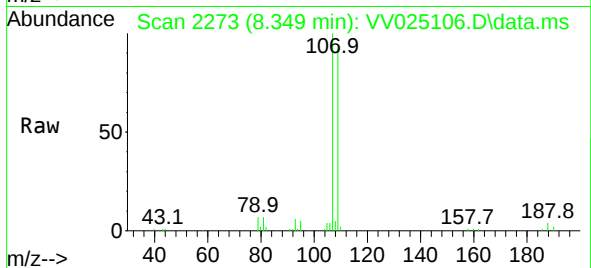
Tgt Ion:107 Resp: 41149

Ion Ratio Lower Upper

107 100

109 92.9 65.5 121.6

188 3.6 2.4 3.6



#51

Chlorobenzene

Concen: 5.798 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

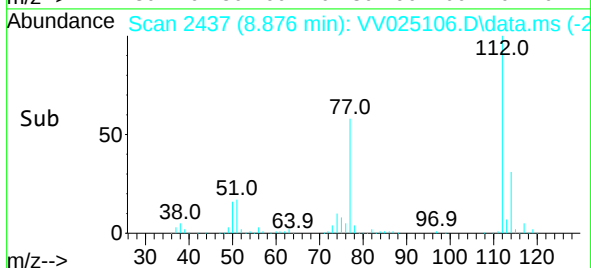
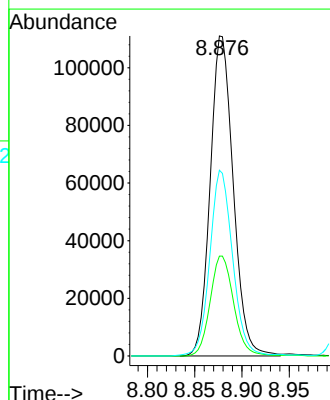
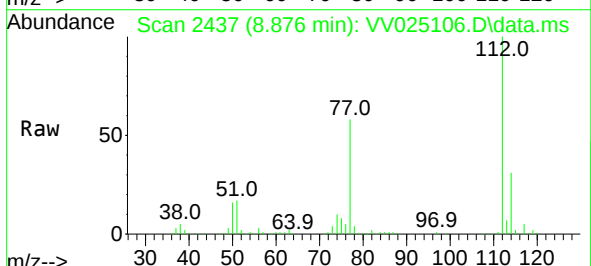
Tgt Ion:112 Resp: 188139

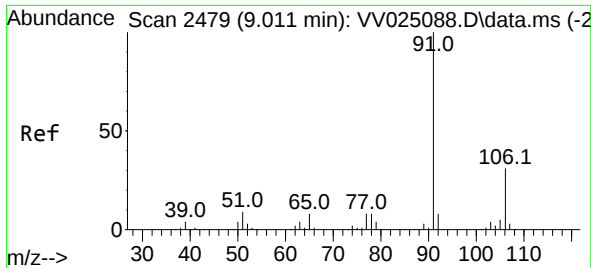
Ion Ratio Lower Upper

112 100

114 31.2 22.5 41.7

77 58.0 45.3 67.9

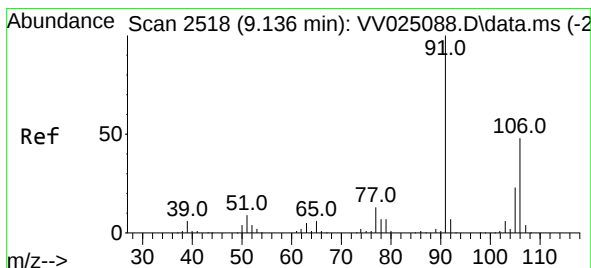
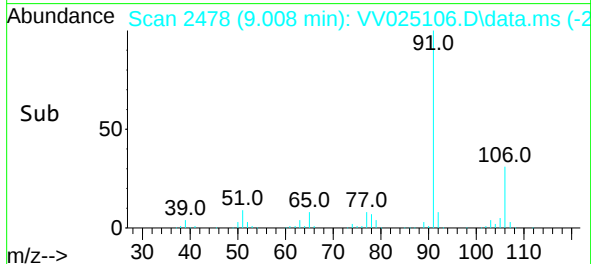
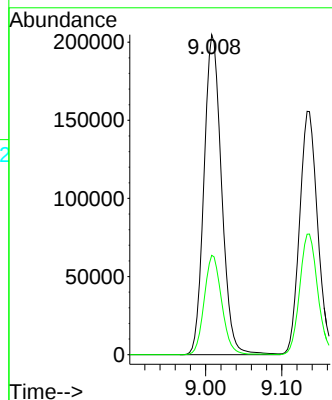
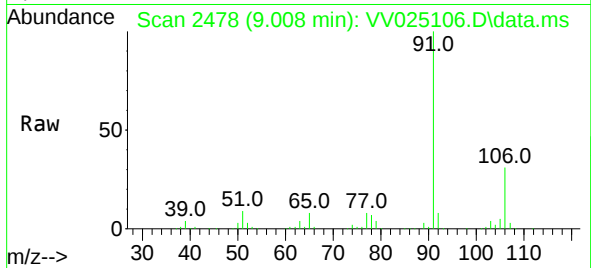




#52
Ethylbenzene
Concen: 6.008 ug/L
RT: 9.008 min Scan# 2479
Delta R.T. -0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

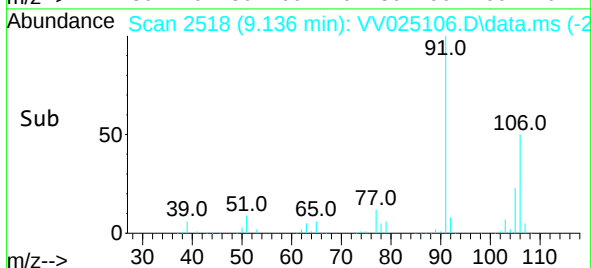
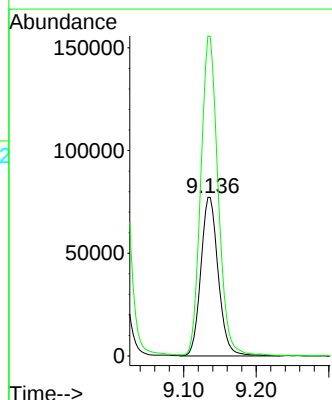
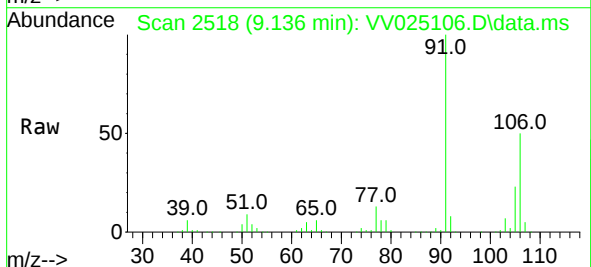
Instrument :
MSVOA_V
ClientSampleId :

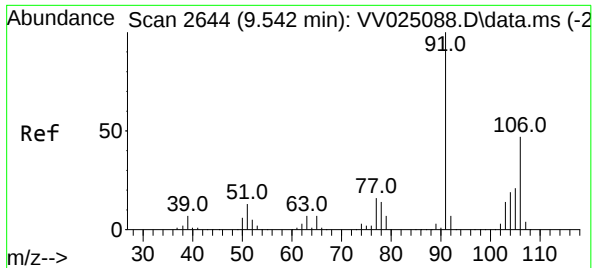
Tgt Ion: 91 Resp: 329320
Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-xylene
Concen: 6.103 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:106 Resp: 128823
Ion Ratio Lower Upper
106 100
91 201.5 143.4 266.4

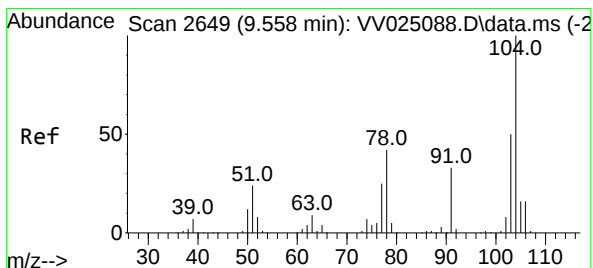
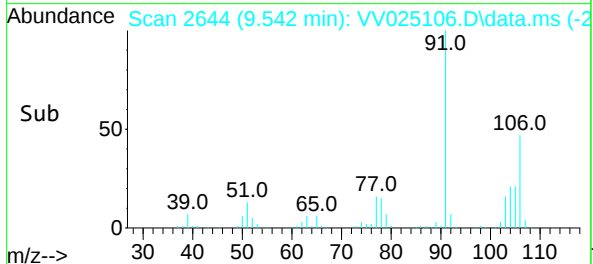
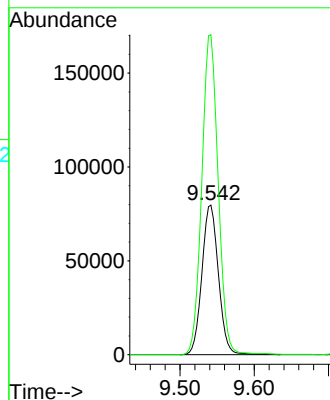
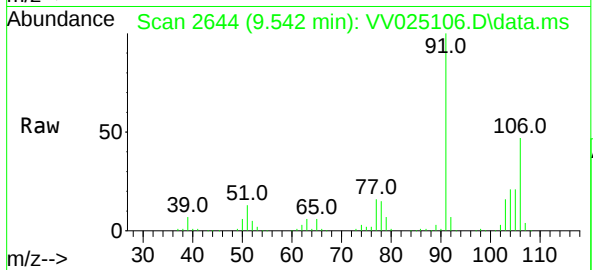




#54
o-xylene
Concen: 6.092 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

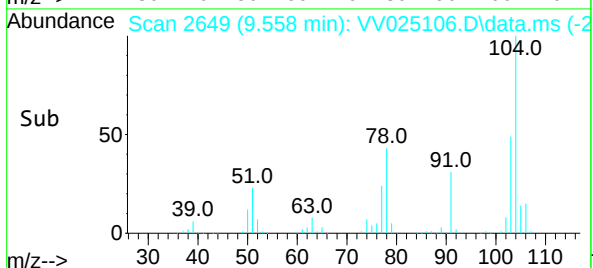
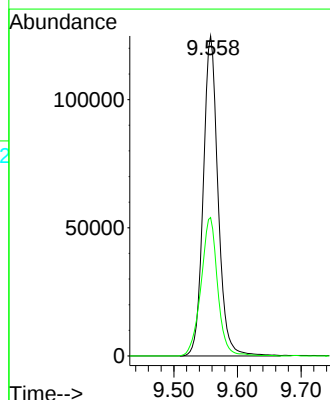
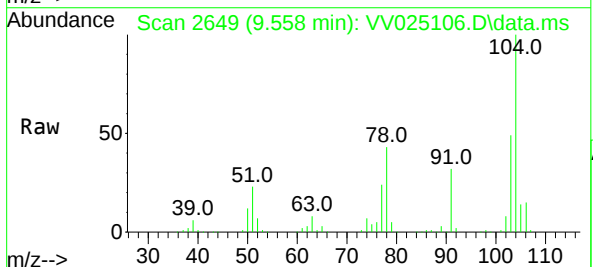
Instrument :
MSVOA_V
ClientSampleId :

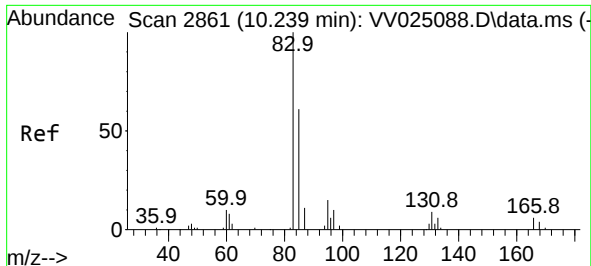
Tgt Ion:106 Resp: 122975
Ion Ratio Lower Upper
106 100
91 213.8 146.7 272.5



#55
Styrene
Concen: 6.131 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:104 Resp: 201556
Ion Ratio Lower Upper
104 100
78 43.3 30.2 56.2

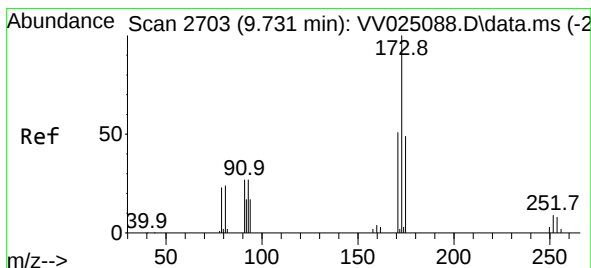
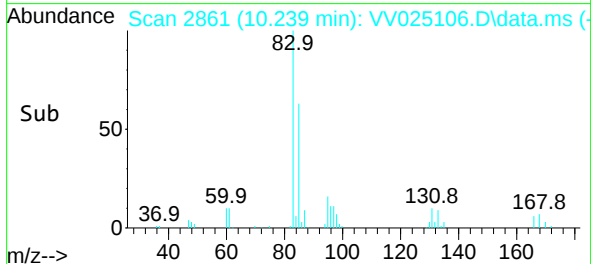
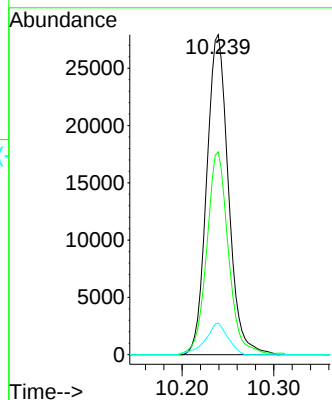
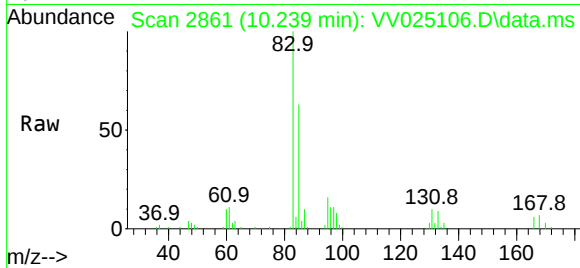




#57
1,1,2,2-Tetrachloroethane
Concen: 6.166 ug/L
RT: 10.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

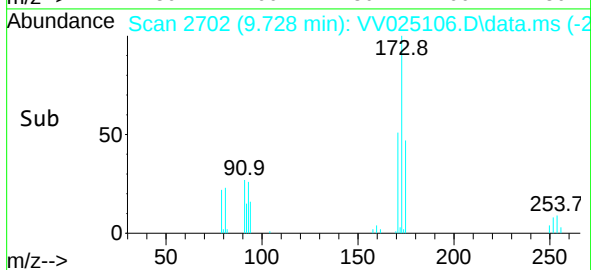
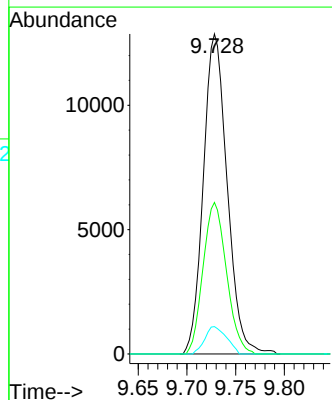
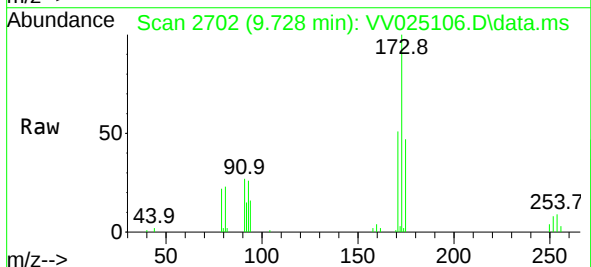
Instrument :
MSVOA_V
ClientSampleId :

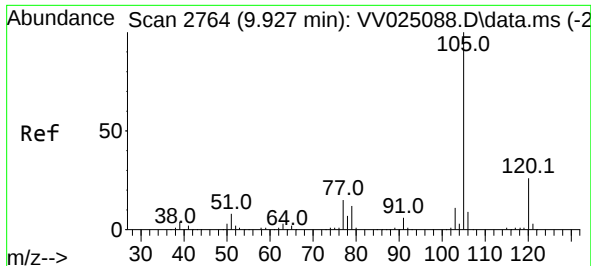
Tgt Ion: 83 Resp: 45942
Ion Ratio Lower Upper
83 100
85 63.4 43.9 81.5
131 9.9 7.5 11.3



#59
Bromoform
Concen: 5.476 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.003 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

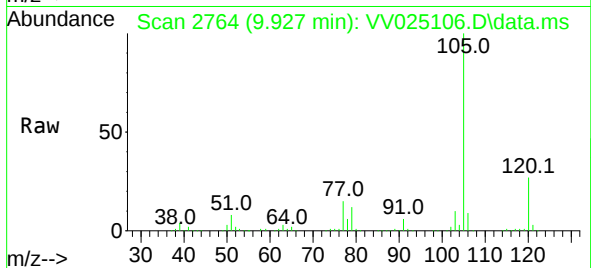
Tgt Ion: 173 Resp: 21854
Ion Ratio Lower Upper
173 100
175 46.6 37.8 56.8
254 7.8 5.8 8.6



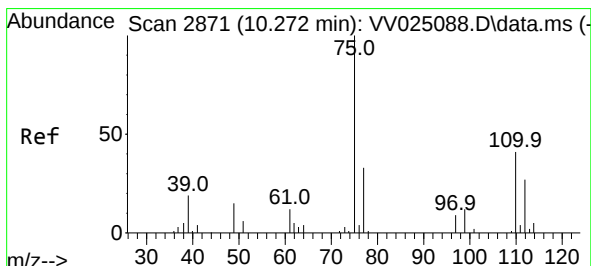
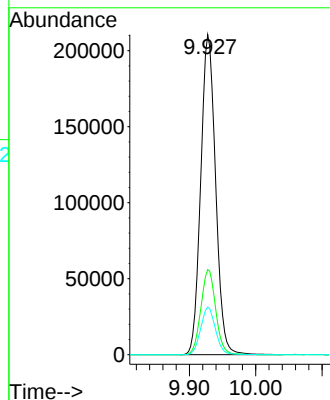
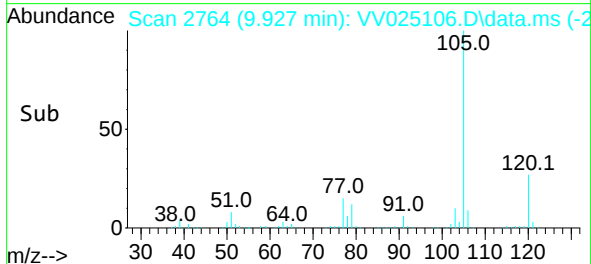


#60
Isopropylbenzene
Concen: 5.871 ug/L
RT: 9.927 min Scan# 2764
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

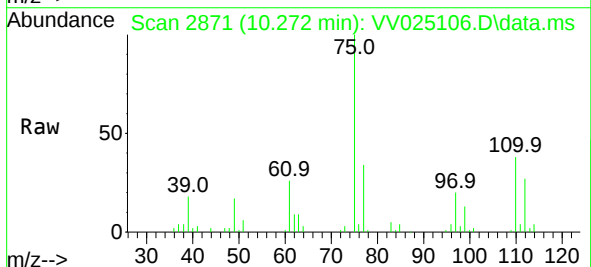
Instrument :
MSVOA_V
ClientSampleId :



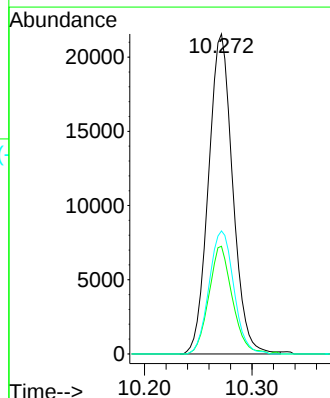
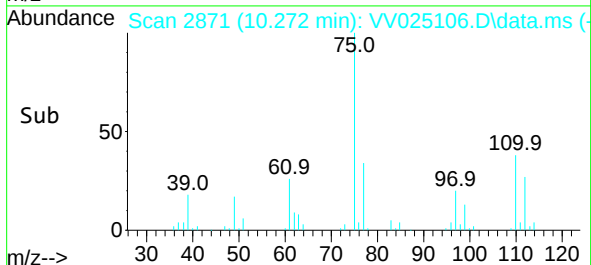
Tgt Ion:105 Resp: 328063
Ion Ratio Lower Upper
105 100
120 26.5 20.7 31.1
77 14.8 12.2 18.2

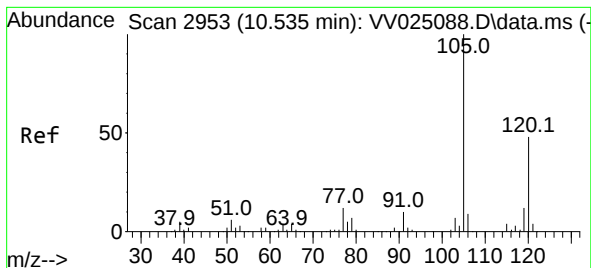


#61
1,2,3-Trichloropropane
Concen: 5.415 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37



Tgt Ion: 75 Resp: 33741
Ion Ratio Lower Upper
75 100
77 32.7 25.7 38.5
110 39.3 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 5.954 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

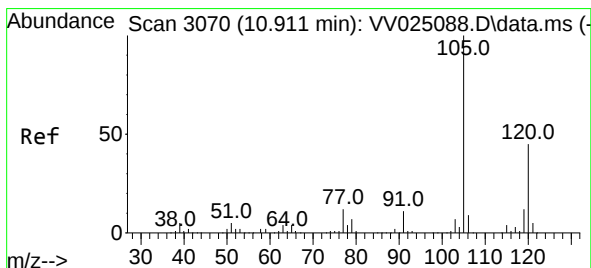
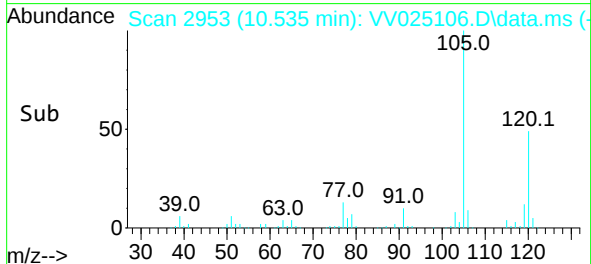
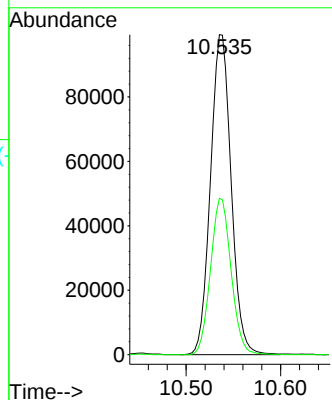
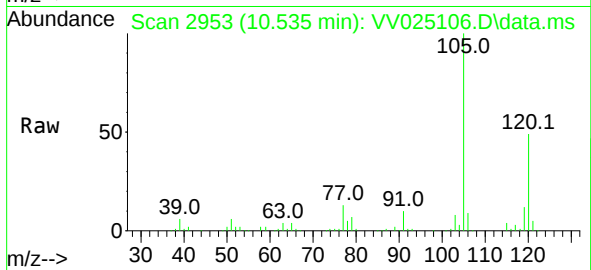
ClientSampleId :

Tgt Ion:105 Resp: 150964

Ion Ratio Lower Upper

105 100

120 48.6 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 6.107 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025106.D

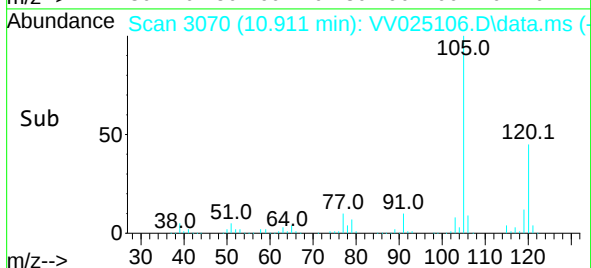
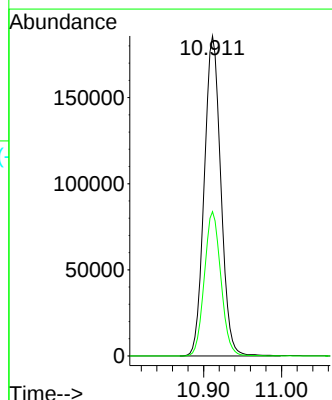
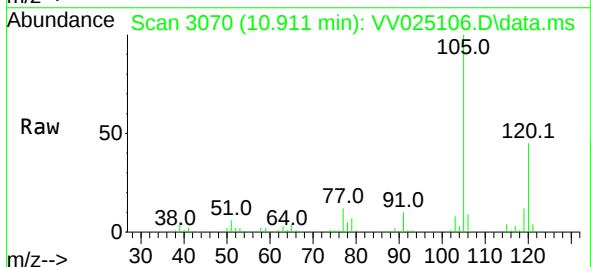
Acq: 21 Mar 2022 09:37

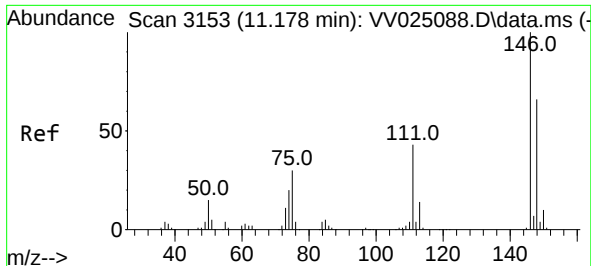
Tgt Ion:105 Resp: 274229

Ion Ratio Lower Upper

105 100

120 45.0 35.8 53.8

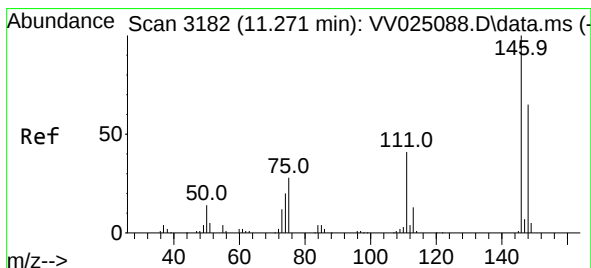
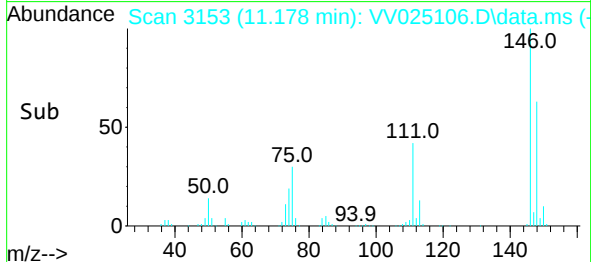
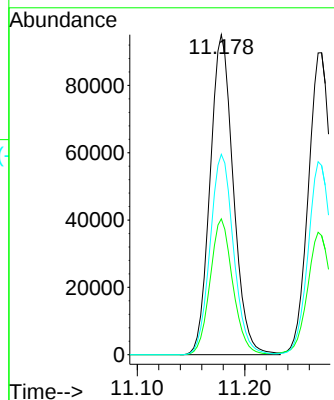
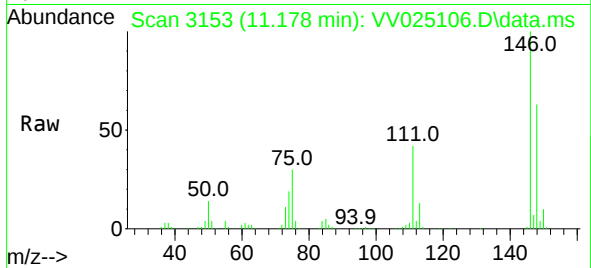




#64
1,3-Dichlorobenzene
Concen: 5.883 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

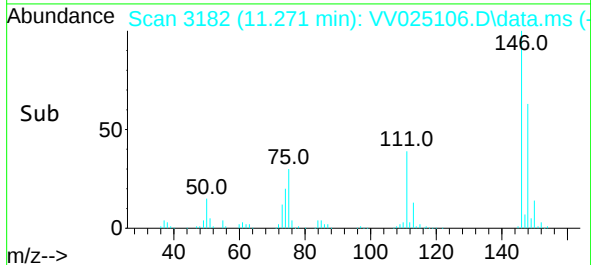
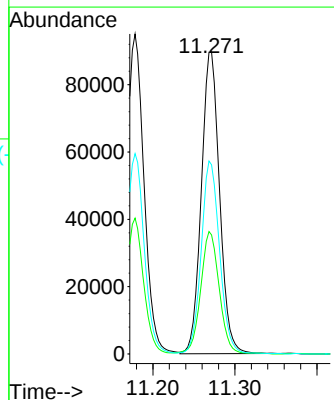
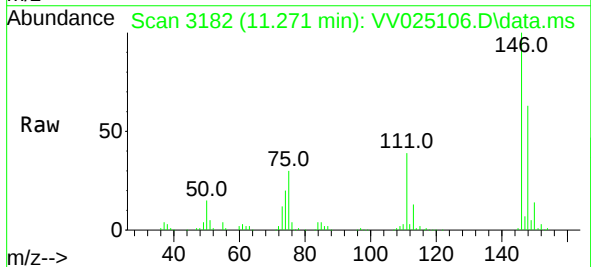
Instrument :
MSVOA_V
ClientSampleId :

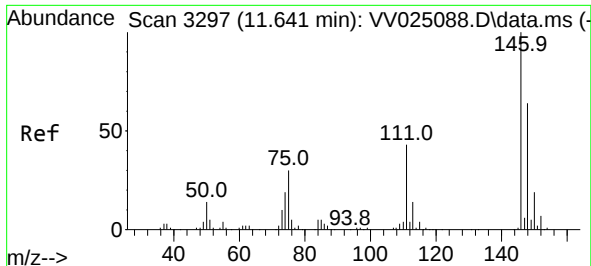
Tgt Ion:146 Resp: 142611
Ion Ratio Lower Upper
146 100
111 42.4 29.2 54.2
148 62.6 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 5.664 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:146 Resp: 138395
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 62.6 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 5.753 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

Instrument :

MSVOA_V

ClientSampleId :

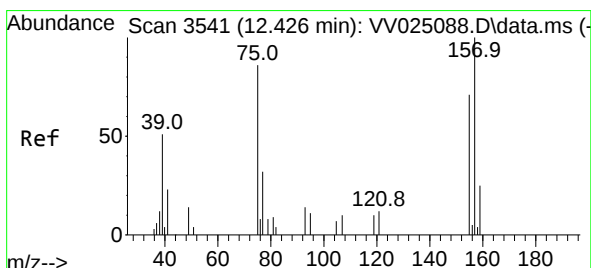
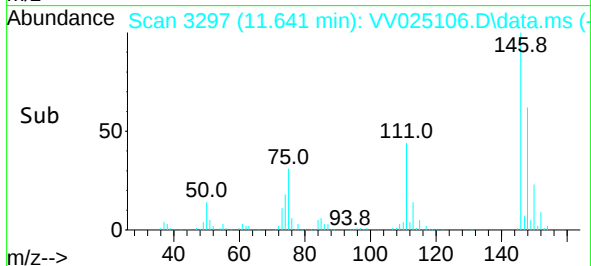
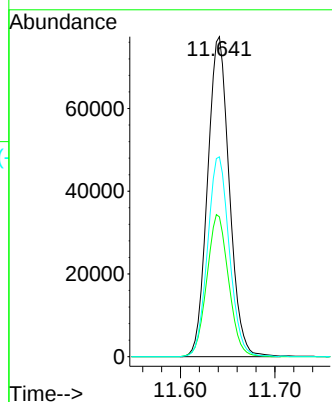
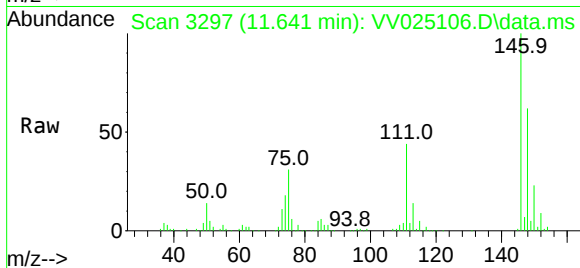
Tgt Ion:146 Resp: 123558

Ion Ratio Lower Upper

146 100

111 43.7 35.5 53.3

148 62.5 49.7 74.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.553 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025106.D

Acq: 21 Mar 2022 09:37

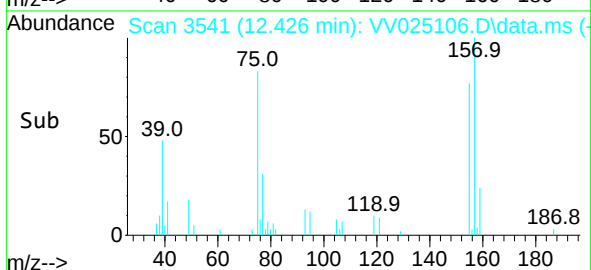
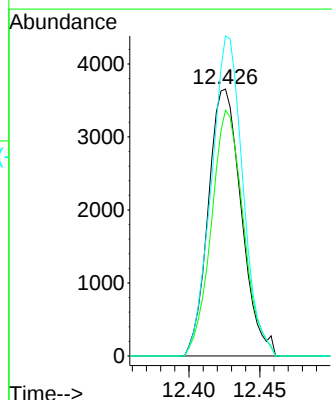
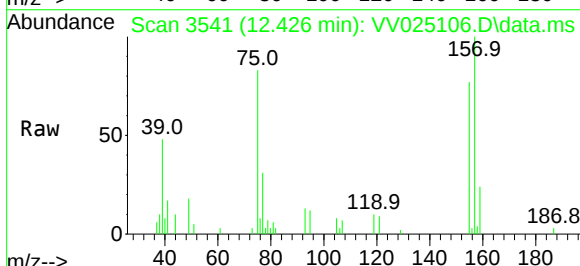
Tgt Ion: 75 Resp: 5932

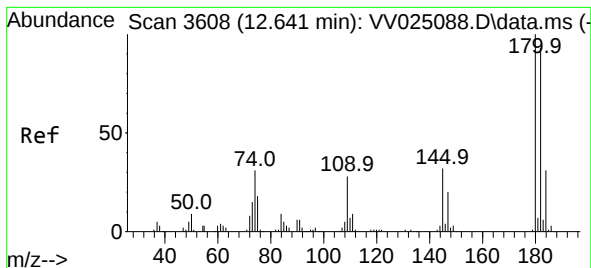
Ion Ratio Lower Upper

75 100

155 92.1 65.9 98.9

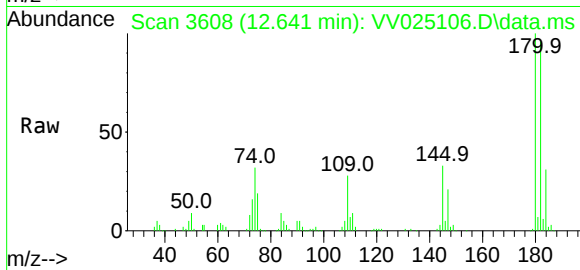
157 119.9 89.7 134.5



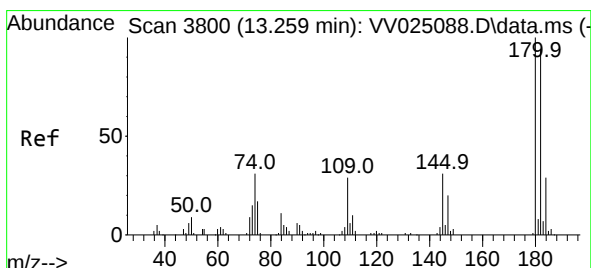
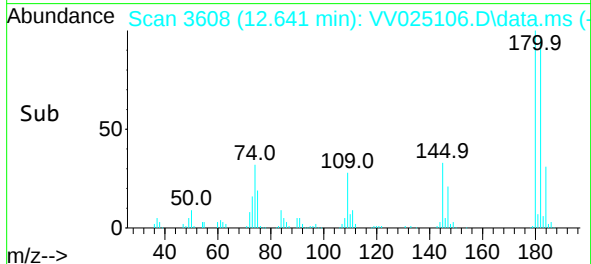
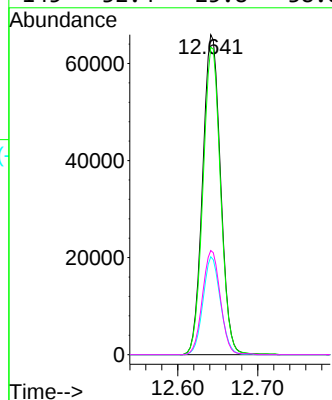


#69
 1,3,5-Trichlorobenzene
 Concen: 6.004 ug/L
 RT: 12.641 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

Instrument :
 MSVOA_V
 ClientSampleId :

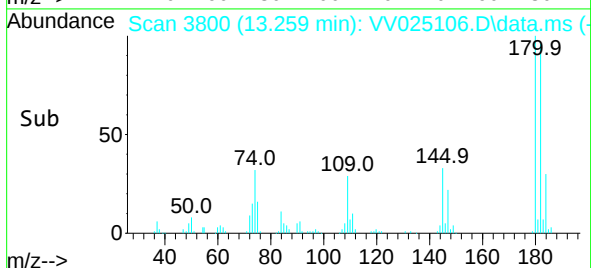
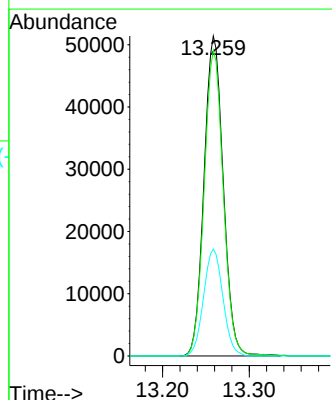
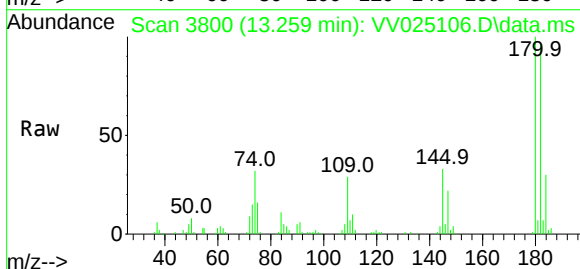


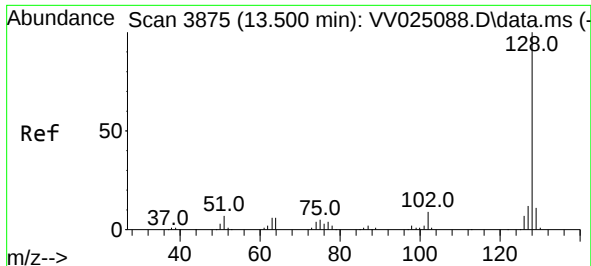
Tgt Ion:180 Resp: 102796
 Ion Ratio Lower Upper
 180 100
 182 94.3 75.4 113.0
 184 29.8 24.2 36.4
 145 32.4 25.8 38.8



#70
 1,2,4-trichlorobenzene
 Concen: 5.943 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV025106.D
 Acq: 21 Mar 2022 09:37

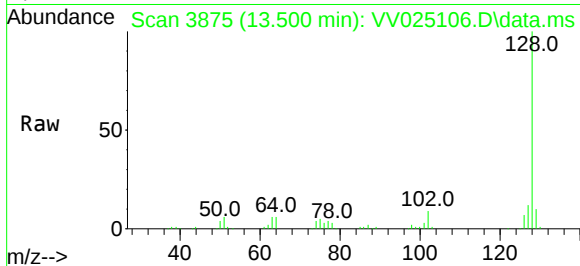
Tgt Ion:180 Resp: 79284
 Ion Ratio Lower Upper
 180 100
 182 94.5 74.6 112.0
 145 33.5 26.1 39.1



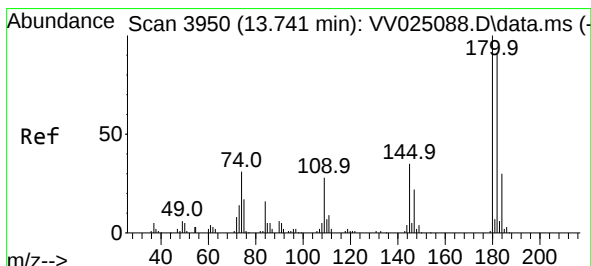
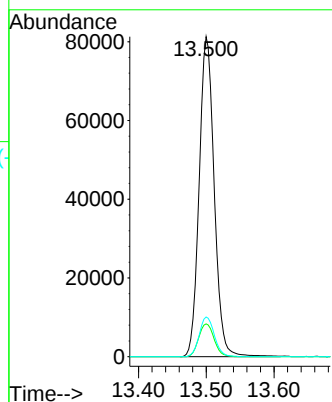
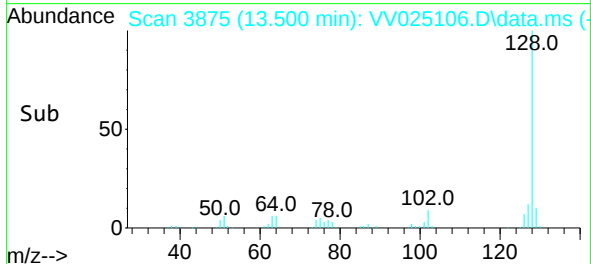


#71
Naphthalene
Concen: 5.653 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 125229
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.5 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 5.753 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025106.D
Acq: 21 Mar 2022 09:37

Tgt Ion:180 Resp: 65034
Ion Ratio Lower Upper
180 100
182 95.6 74.8 112.2
145 35.1 27.6 41.4

