

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW033022\
 Data File : VW025306.D
 Acq On : 30 Mar 2022 10:21
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 31 01:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 30 02:04:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	153666	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67036	4.670	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	56212	4.666	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.111	63	139217	4.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.899	46	66411	46.448	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.900%
24) Chloroform-d	4.346	84	91184	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.027	65	38767	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.047	84	177046	4.509	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.066	67	47887	4.352	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.310	98	167266	4.644	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.619	79	15799	4.401	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	53362	41.156	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.320%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32095	4.374	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	54392	4.350	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	81895	5.336	ug/L	100
3) Chloromethane	1.243	50	83765	4.627	ug/L	99
5) Vinyl chloride	1.314	62	93352	4.617	ug/L	99
6) Bromomethane	1.523	94	60555	5.045	ug/L	99
8) Chloroethane	1.587	64	59877	4.719	ug/L	99
9) Trichlorofluoromethane	1.754	101	144007	5.268	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	80553	4.961	ug/L	99
12) 1,1-Dichloroethene	2.117	96	74056	4.787	ug/L	89
13) Acetone	2.188	43	62925	57.675	ug/L	80
14) Carbon disulfide	2.294	76	170217	5.311	ug/L	100
15) Methyl Acetate	2.439	43	14375	5.788	ug/L	97
16) Methylene chloride	2.506	84	58413	4.809	ug/L	99
17) Methyl tert-butyl Ether	2.767	73	101854	5.204	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	59743	5.380	ug/L	97
19) 1,1-Dichloroethane	3.188	63	99051	5.343	ug/L	98
21) 2-Butanone	3.979	43	82452	54.922	ug/L	85
22) cis-1,2-Dichloroethene	3.908	96	58814	5.213	ug/L	93
23) Bromochloromethane	4.246	128	25701	5.462	ug/L	94
25) Chloroform	4.371	83	109982	5.347	ug/L	96

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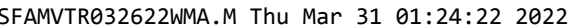
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 ClientSampleId :

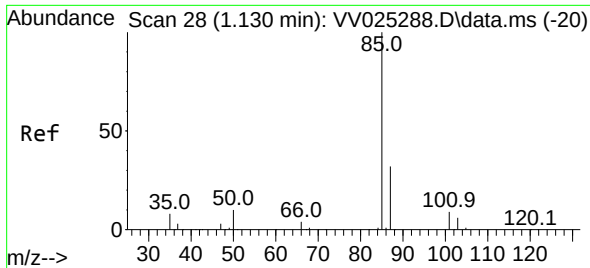
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	57671	5.430	ug/L	97
29) 1,1,1-Trichloroethane	4.603	97	97875	5.215	ug/L	98
30) Cyclohexane	4.670	56	79880	4.760	ug/L	97
31) Carbon tetrachloride	4.822	117	87536	5.389	ug/L	96
33) Benzene	5.095	78	235017	5.162	ug/L	100
34) Trichloroethene	5.908	95	63688	5.095	ug/L	97
35) Methylcyclohexane	6.127	83	96563	4.930	ug/L	99
37) 1,2-Dichloropropane	6.169	63	54186	5.131	ug/L	99
38) Bromodichloromethane	6.506	83	69964	5.230	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	67817	4.952	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	216109	51.253	ug/L	99
42) Toluene	7.384	91	258971	5.328	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	54490	5.062	ug/L	92
45) 1,1,2-Trichloroethane	7.834	97	37636	5.205	ug/L	95
47) Tetrachloroethene	7.973	164	48784	5.292	ug/L	96
48) 2-Hexanone	8.136	43	158252	52.475	ug/L	99
49) Dibromochloromethane	8.243	129	42572	5.471	ug/L	98
50) 1,2-Dibromoethane	8.349	107	34703	5.151	ug/L #	99
51) Chlorobenzene	8.876	112	163506	5.209	ug/L	99
52) Ethylbenzene	9.008	91	265765	5.156	ug/L	97
53) m,p-Xylene	9.133	106	106099	5.292	ug/L	99
54) o-Xylene	9.538	106	101044	5.272	ug/L	97
55) Styrene	9.558	104	170780	5.419	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	38290	5.080	ug/L	96
59) Bromoform	9.728	173	18845	5.922	ug/L	98
60) Isopropylbenzene	9.927	105	269979	5.229	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	28712	4.874	ug/L	94
62) 1,3,5-Trimethylbenzene	10.535	105	110980	4.794	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	215365	5.214	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	128688	5.322	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	123232	5.089	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	112476	5.286	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5453	5.170	ug/L	83
69) 1,3,5-Trichlorobenzene	12.644	180	90823	5.207	ug/L	98
70) 1,2,4-trichlorobenzene	13.258	180	65808	5.000	ug/L	99
71) Naphthalene	13.500	128	91142	4.444	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	57764	5.094	ug/L	99

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

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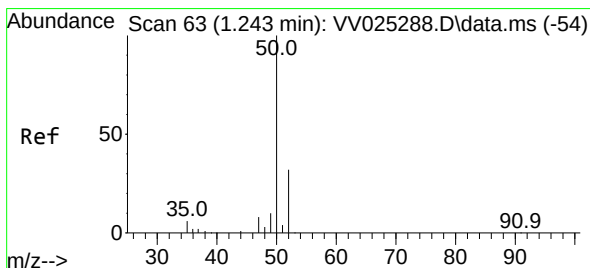
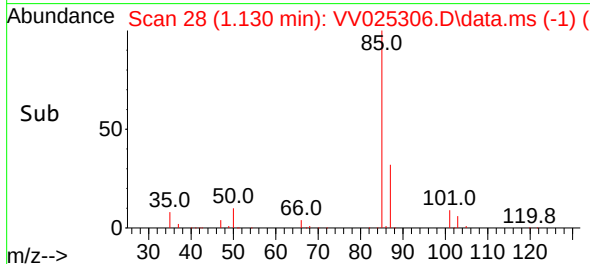
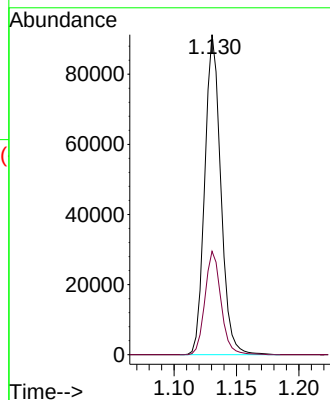
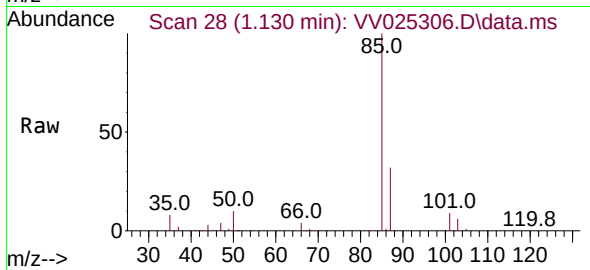




#2
 Dichlorodifluoromethane
 Concen: 5.336 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

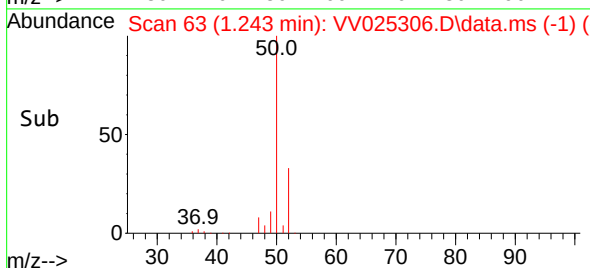
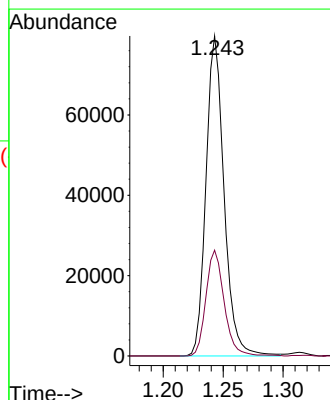
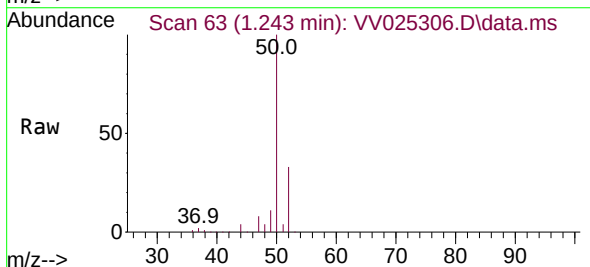
Instrument :
 MSVOA_V
 ClientSampleId :

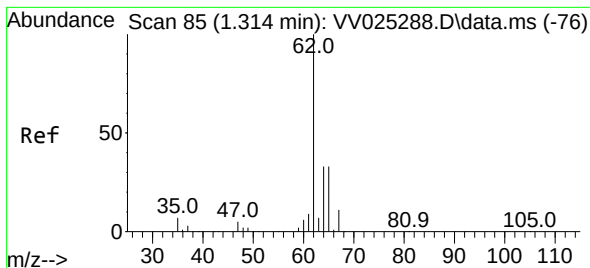
Tgt Ion: 85 Resp: 81895
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.627 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

Tgt Ion: 50 Resp: 83765
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.9 42.5





#5

Vinyl chloride

Concen: 4.617 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

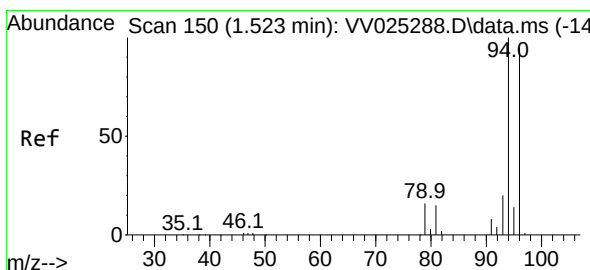
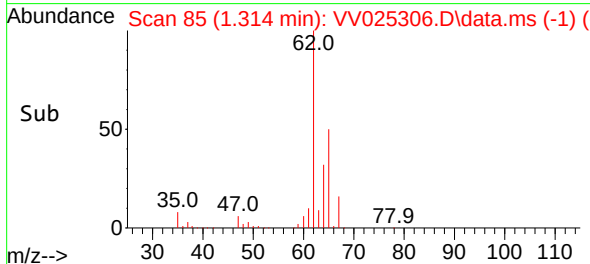
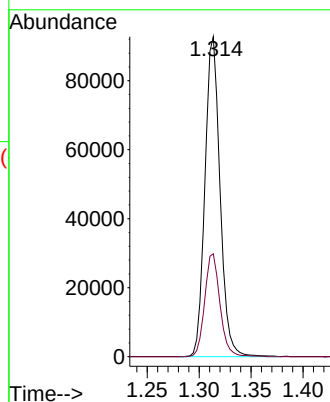
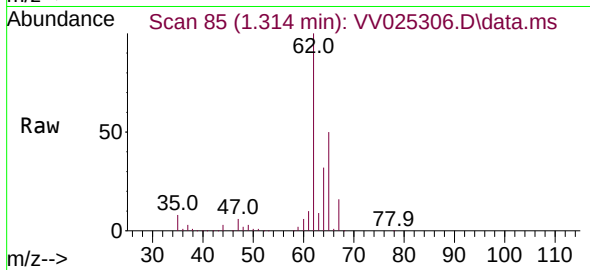
ClientSampleId :

Tgt Ion: 62 Resp: 93352

Ion Ratio Lower Upper

62 100

64 32.2 22.0 40.8



#6

Bromomethane

Concen: 5.045 ug/L

RT: 1.523 min Scan# 150

Delta R.T. 0.000 min

Lab File: VV025306.D

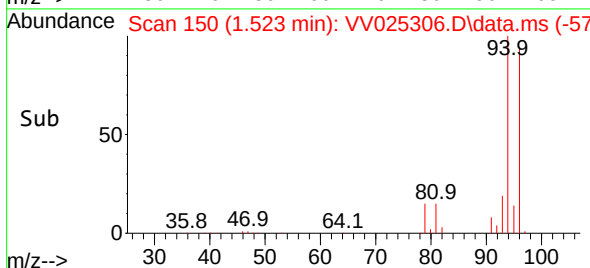
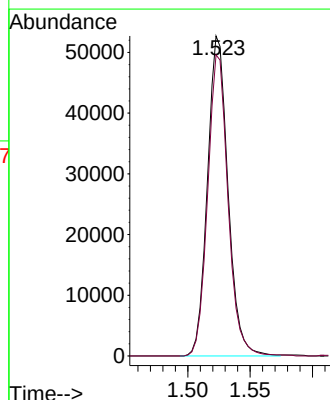
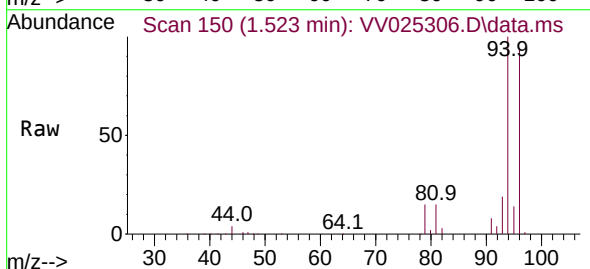
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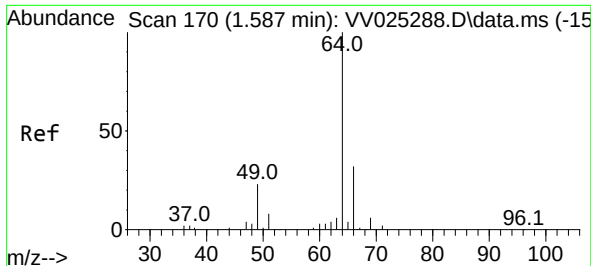
Tgt Ion: 94 Resp: 60555

Ion Ratio Lower Upper

94 100

96 94.1 65.5 121.7

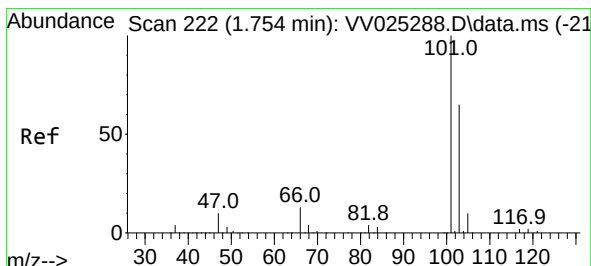
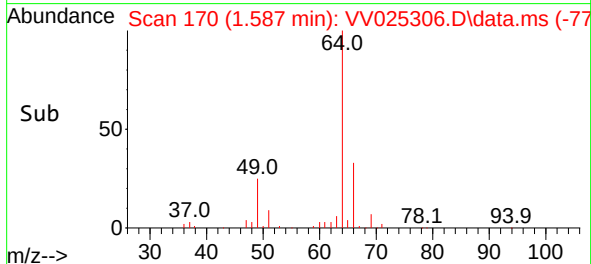
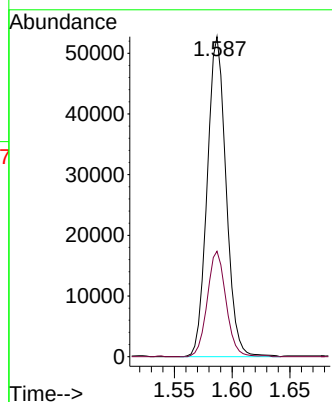
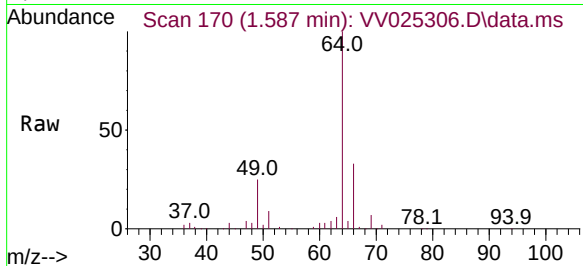




#8
Chloroethane
Concen: 4.719 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

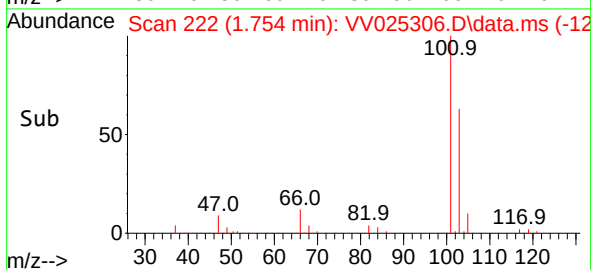
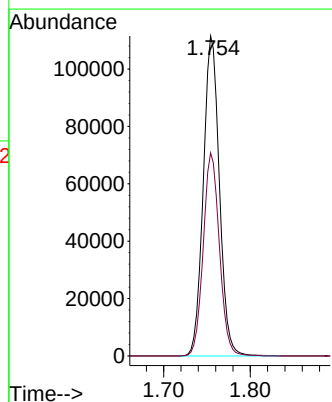
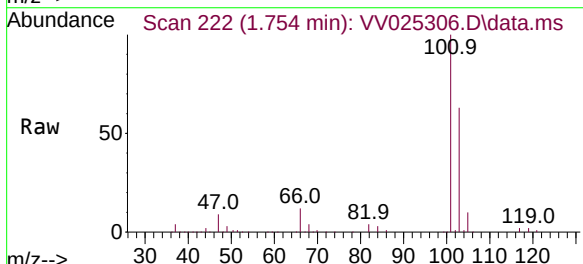
Instrument :
MSVOA_V
ClientSampleId :

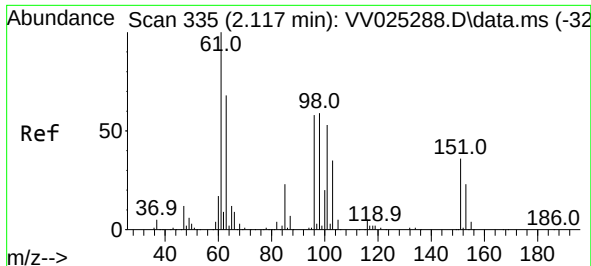
Tgt Ion: 64 Resp: 59877
Ion Ratio Lower Upper
64 100
66 32.9 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.268 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion:101 Resp: 144007
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.2

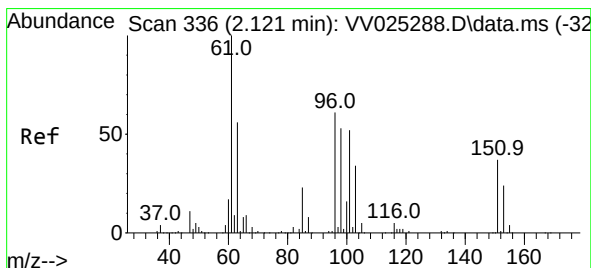
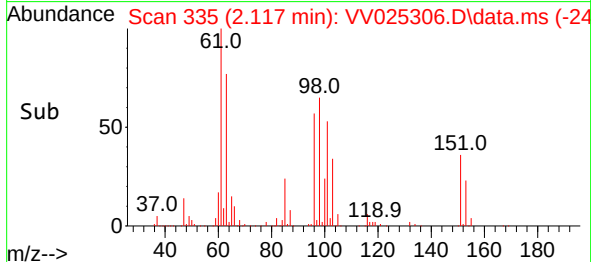
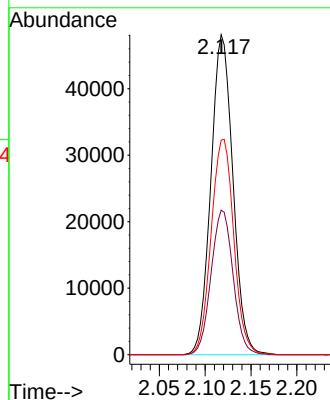
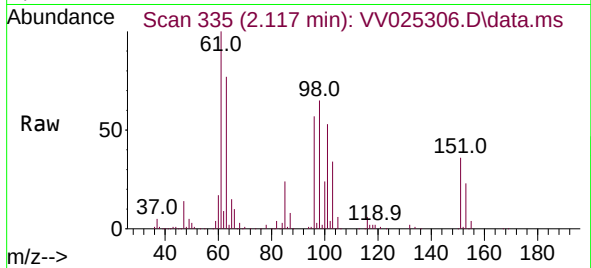




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.961 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

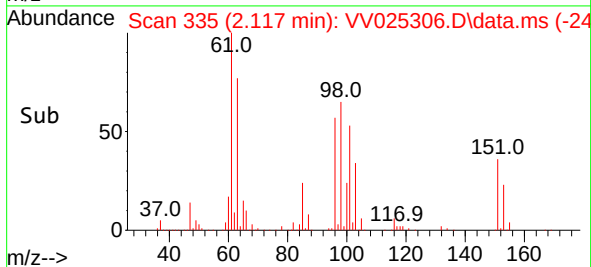
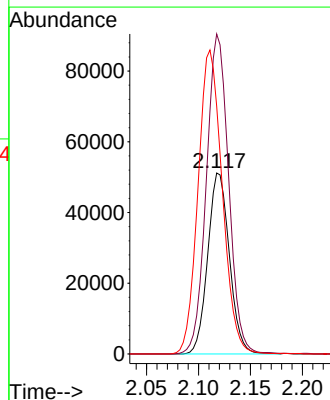
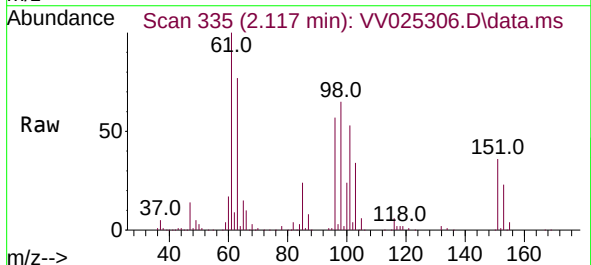
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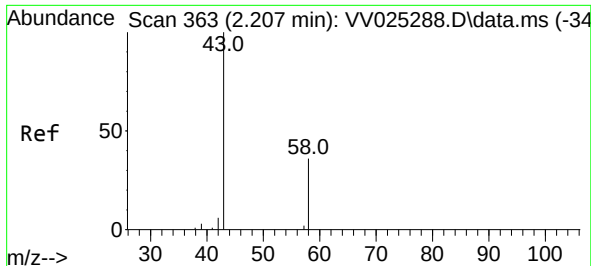
Tgt Ion:101 Resp: 80553
 Ion Ratio Lower Upper
 101 100
 85 45.0 36.0 54.0
 151 69.2 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.787 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

Tgt Ion: 96 Resp: 74056
 Ion Ratio Lower Upper
 96 100
 61 176.8 121.5 225.7
 63 137.0 77.9 144.7





#13

Acetone

Concen: 57.675 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.019 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

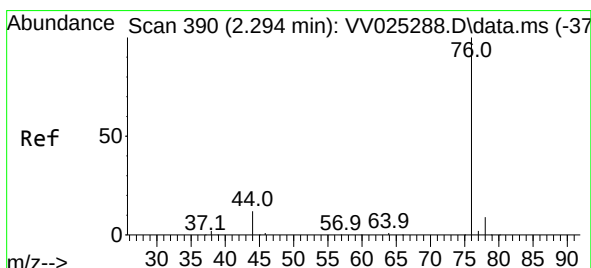
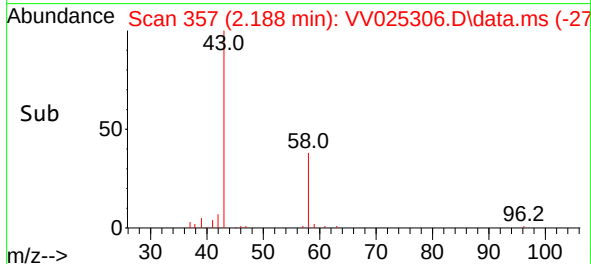
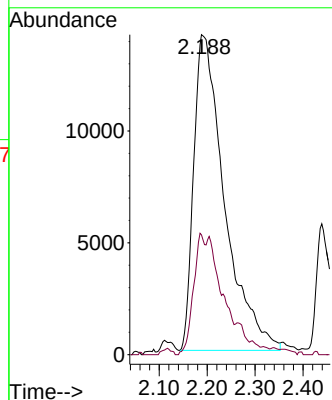
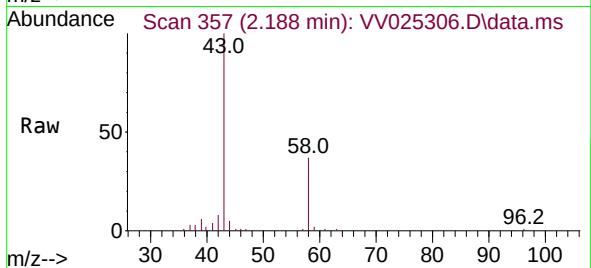
ClientSampleId :

Tgt Ion: 43 Resp: 62925

Ion Ratio Lower Upper

43 100

58 15.3 0.0 51.2



#14

Carbon disulfide

Concen: 5.311 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.000 min

Lab File: VV025306.D

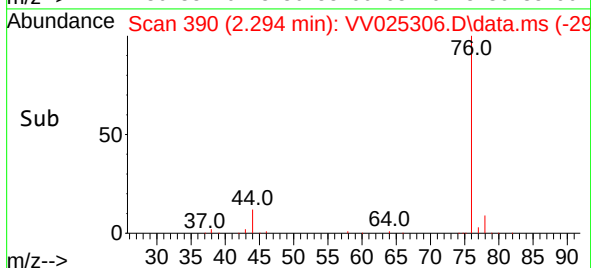
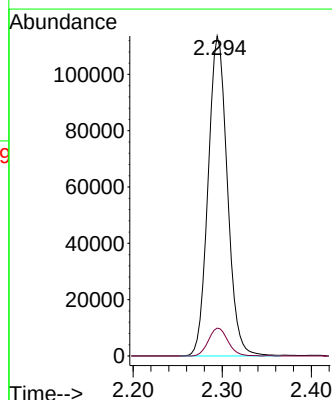
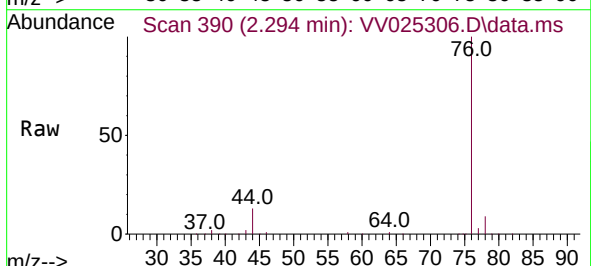
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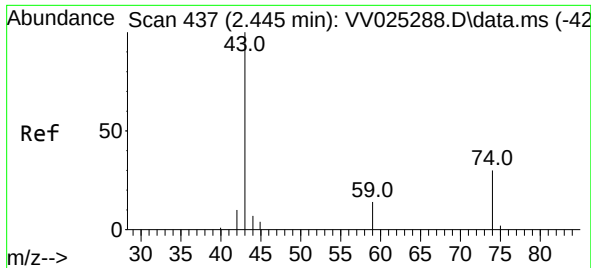
Tgt Ion: 76 Resp: 170217

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4

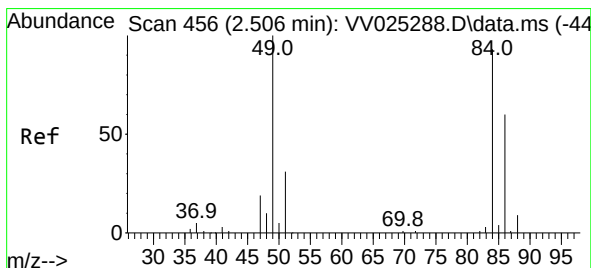
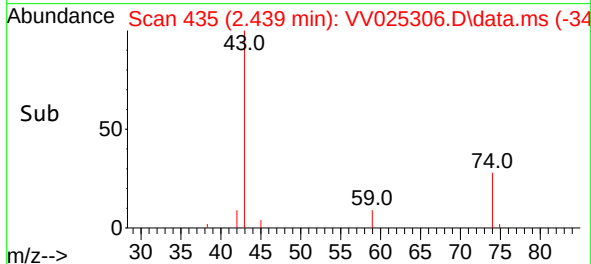
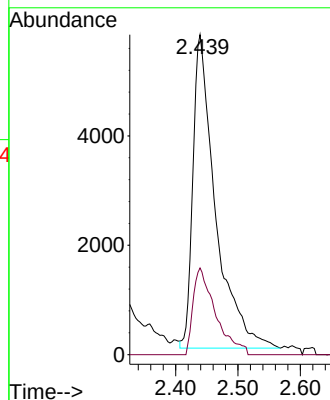
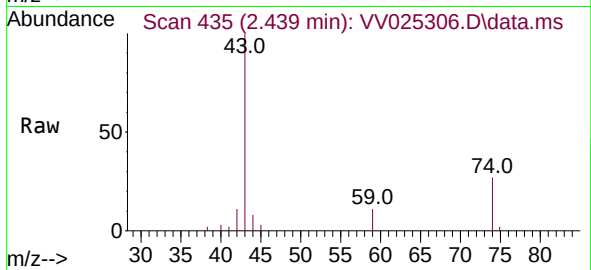




#15
Methyl Acetate
Concen: 5.788 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

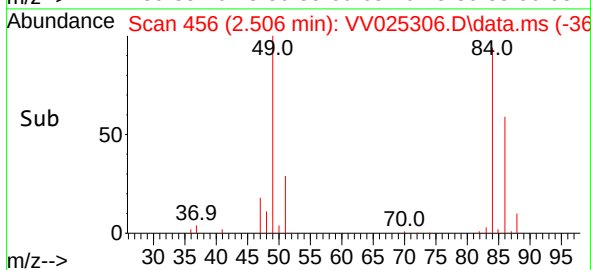
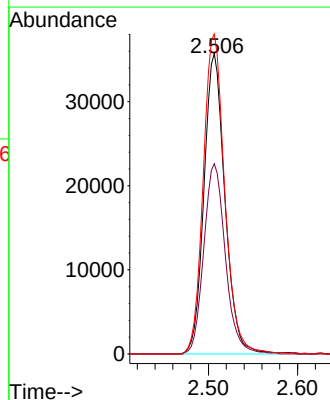
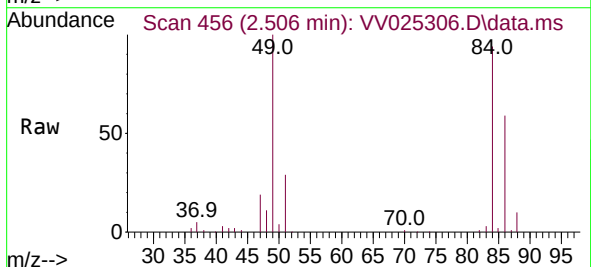
Instrument :
MSVOA_V
ClientSampleId :

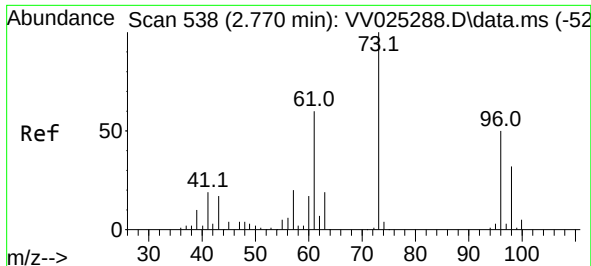
Tgt Ion: 43 Resp: 14375
Ion Ratio Lower Upper
43 100
74 27.4 20.9 31.3



#16
Methylene chloride
Concen: 4.809 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 84 Resp: 58413
Ion Ratio Lower Upper
84 100
86 63.3 43.5 80.7
49 106.5 74.5 138.3

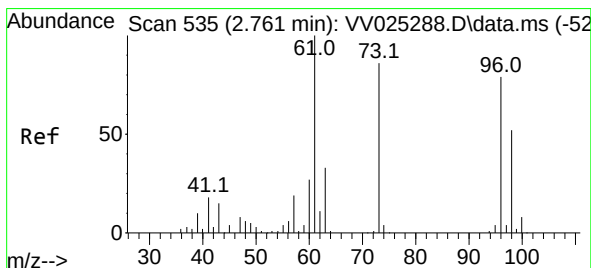
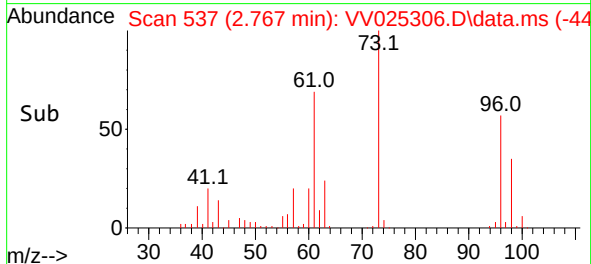
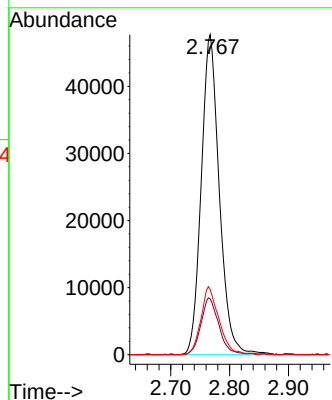
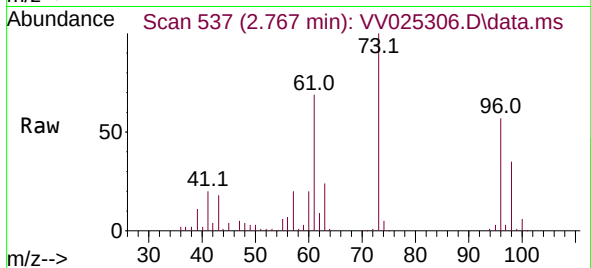




#17
Methyl tert-butyl Ether
Concen: 5.204 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

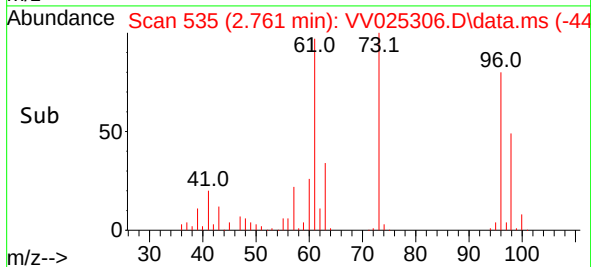
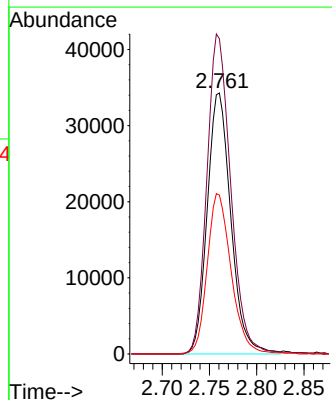
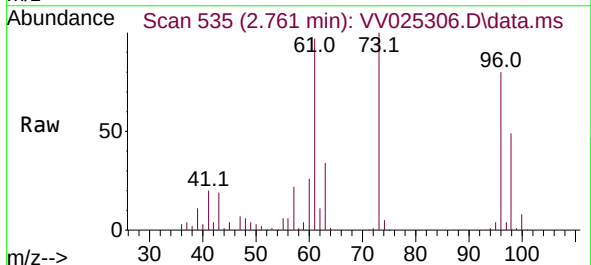
Instrument :
MSVOA_V
ClientSampleId :

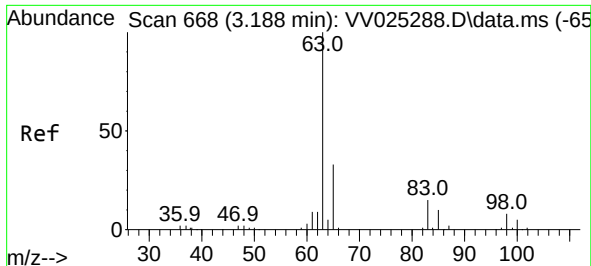
Tgt Ion: 73 Resp: 101854
Ion Ratio Lower Upper
73 100
43 17.5 13.5 20.3
57 21.2 16.4 24.6



#18
trans-1,2-Dichloroethene
Concen: 5.380 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 96 Resp: 59743
Ion Ratio Lower Upper
96 100
61 120.8 87.6 162.8
98 60.9 44.0 81.8





#19

1,1-Dichloroethane

Concen: 5.343 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.000 min

Lab File: VV025306.D

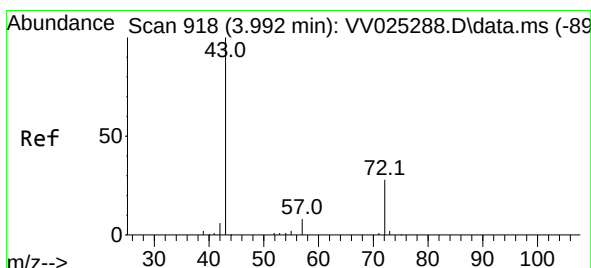
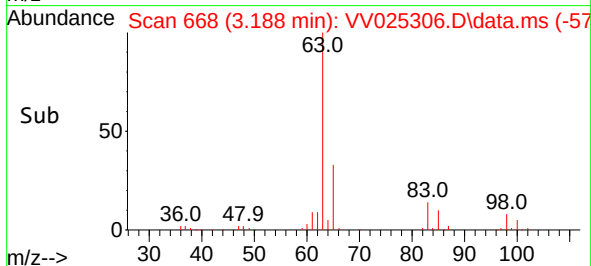
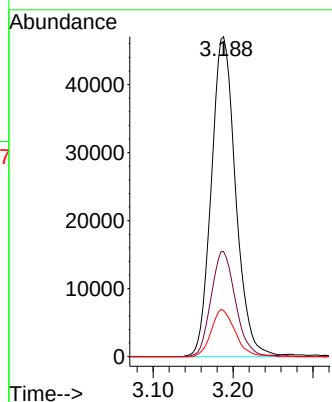
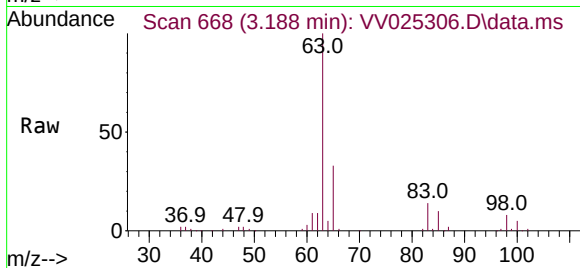
Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	99051
Ion	Ratio	Lower	Upper
63	100		
65	32.9	22.0	40.8
83	14.4	10.2	19.0



#21

2-Butanone

Concen: 54.922 ug/L

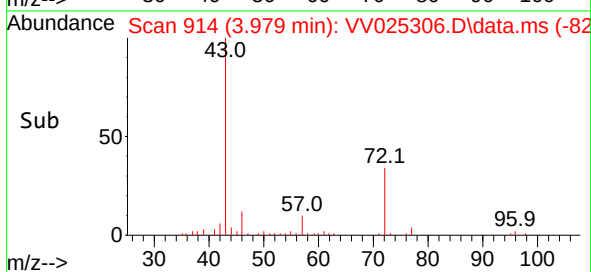
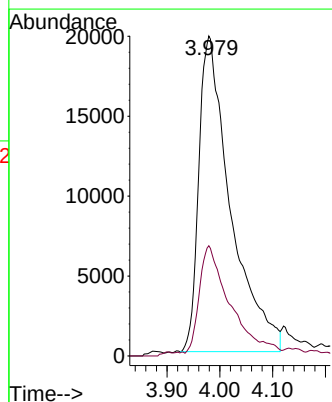
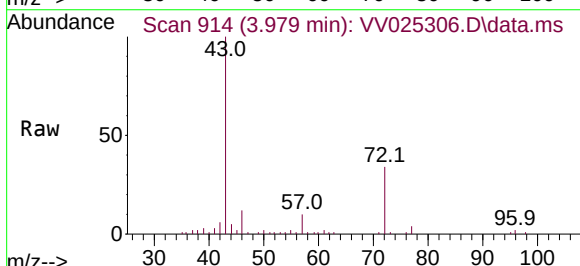
RT: 3.979 min Scan# 914

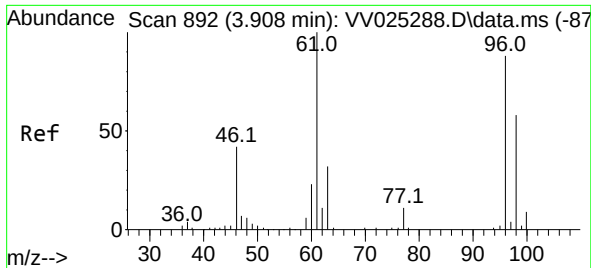
Delta R.T. -0.013 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

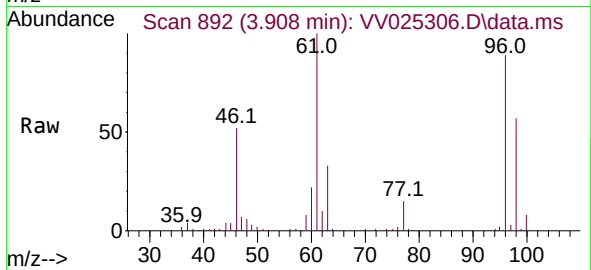
Tgt Ion:	43	Resp:	82452
Ion	Ratio	Lower	Upper
43	100		
72	30.8	11.8	35.4





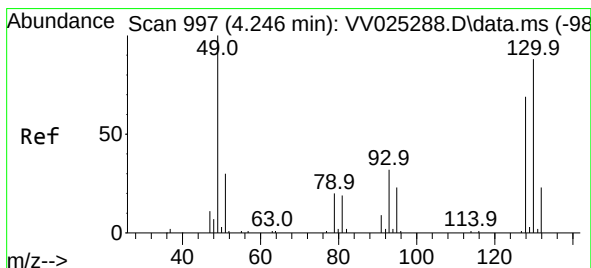
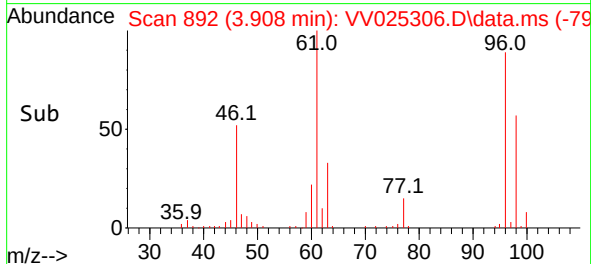
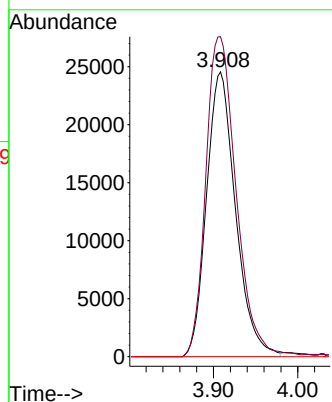
#22
 cis-1,2-Dichloroethene
 Concen: 5.213 ug/L
 RT: 3.908 min Scan# 892
 Delta R.T. 0.000 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 58814

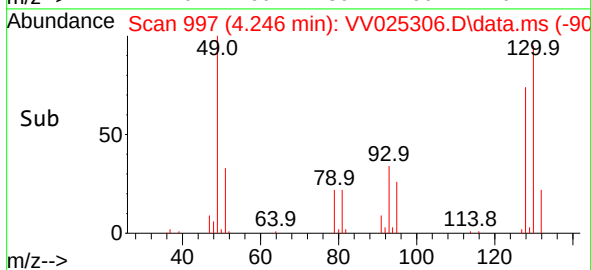
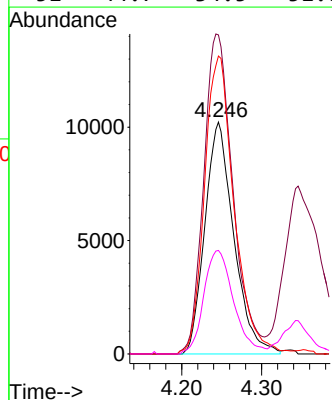
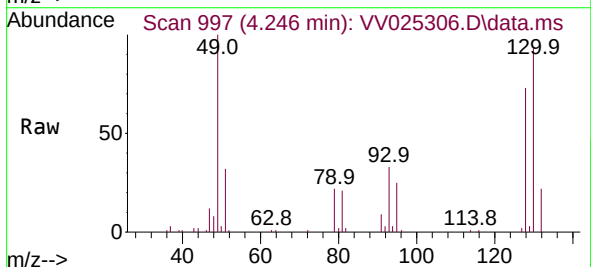
Ion	Ratio	Lower	Upper
96	100		
61	112.4	84.1	156.1
68	0.0	0.0	0.0

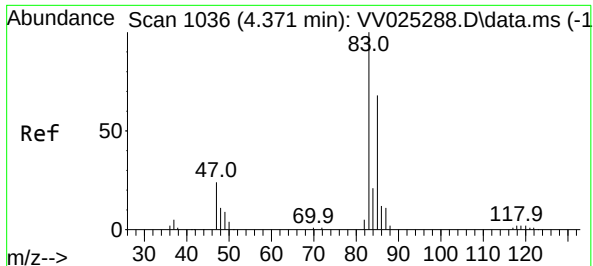


#23
 Bromochloromethane
 Concen: 5.462 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VV025306.D
 Acq: 30 Mar 2022 10:21

Tgt Ion: 128 Resp: 25701

Ion	Ratio	Lower	Upper
128	100		
49	137.6	101.4	188.4
130	128.5	85.0	158.0
51	44.7	34.5	51.7





#25

Chloroform

Concen: 5.347 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

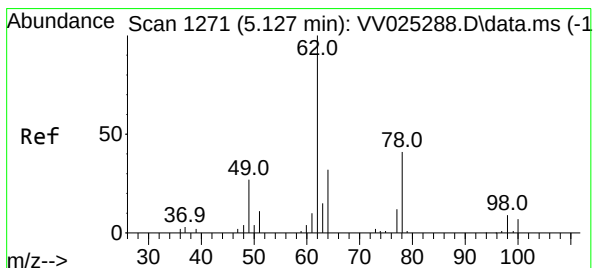
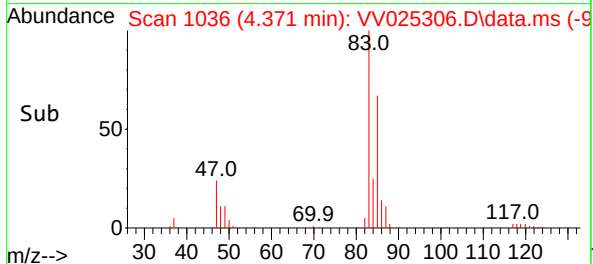
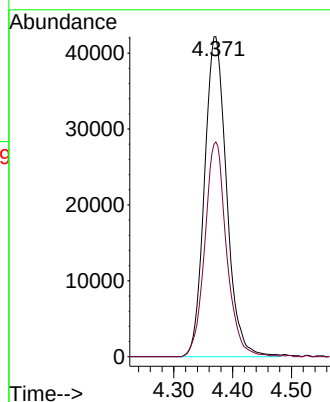
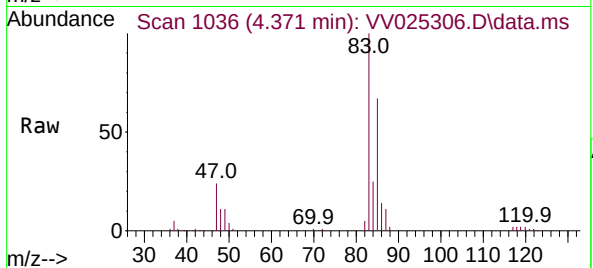
ClientSampleId :

Tgt Ion: 83 Resp: 109982

Ion Ratio Lower Upper

83 100

85 67.1 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.430 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV025306.D

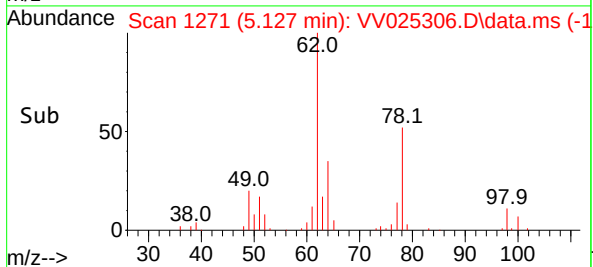
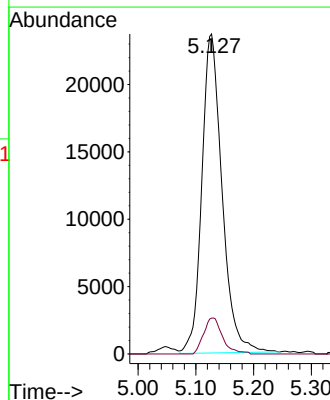
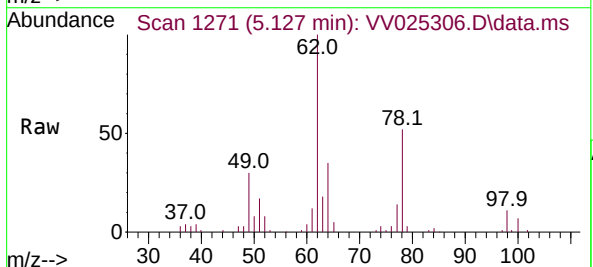
Acq: 30 Mar 2022 10:21

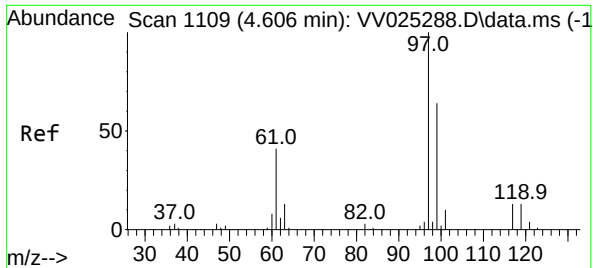
Tgt Ion: 62 Resp: 57671

Ion Ratio Lower Upper

62 100

98 11.2 7.9 11.9

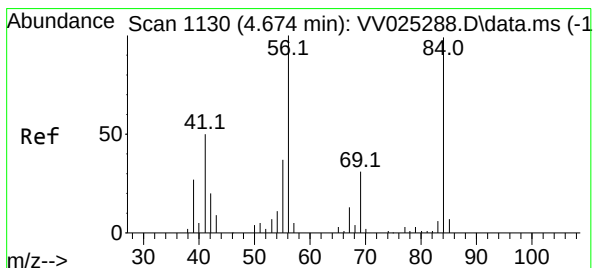
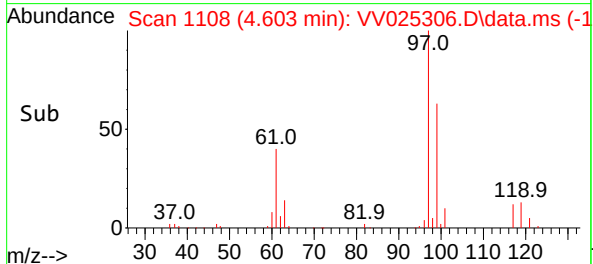
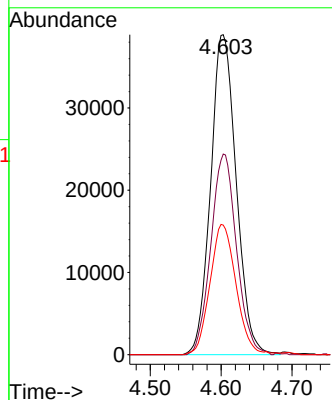
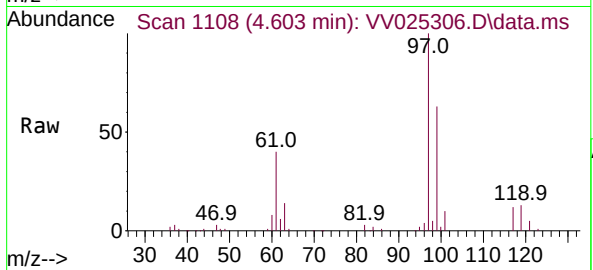




#29
1,1,1-Trichloroethane
Concen: 5.215 ug/L
RT: 4.603 min Scan# 1109
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

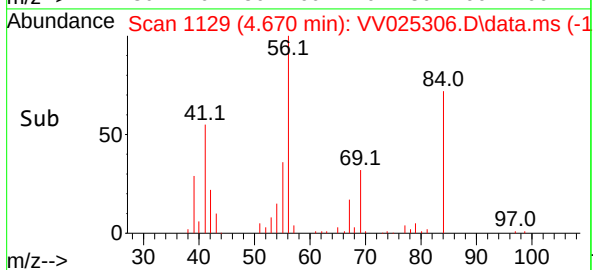
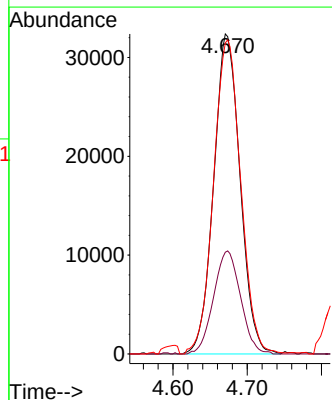
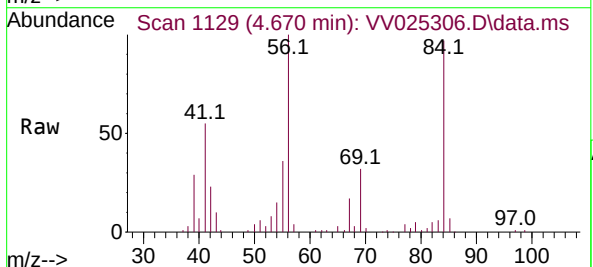
Instrument :
MSVOA_V
ClientSampleId :

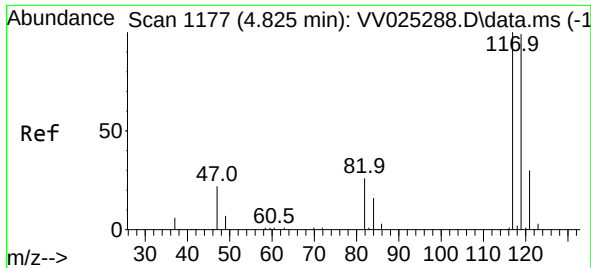
Tgt Ion: 97 Resp: 97875
Ion Ratio Lower Upper
97 100
99 62.9 51.9 77.9
61 41.3 34.2 51.2



#30
Cyclohexane
Concen: 4.760 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 56 Resp: 79880
Ion Ratio Lower Upper
56 100
69 33.0 25.3 37.9
84 101.2 78.4 117.6

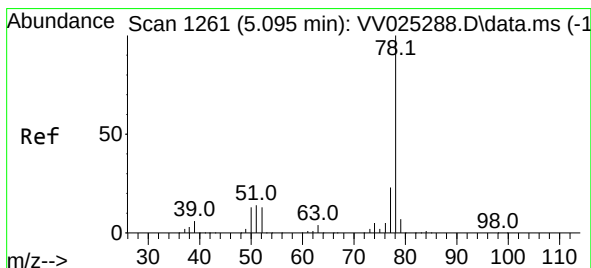
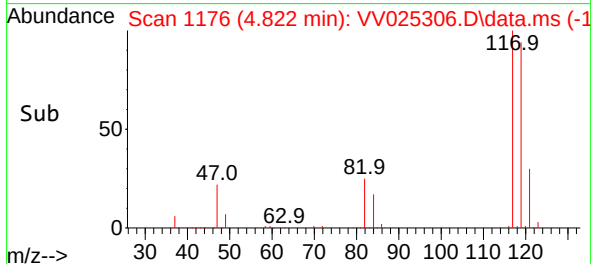
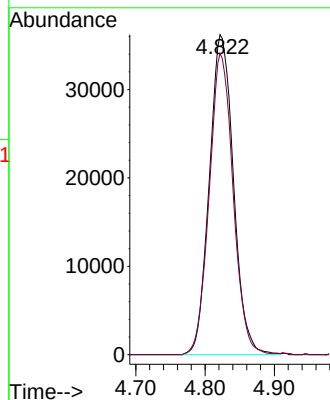
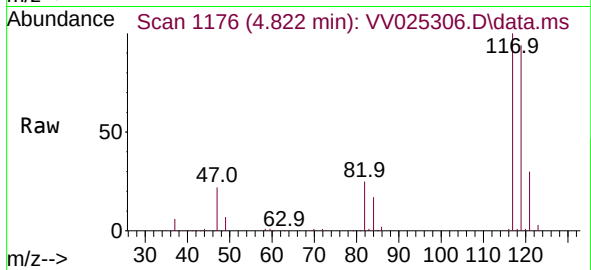




#31
Carbon tetrachloride
Concen: 5.389 ug/L
RT: 4.822 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

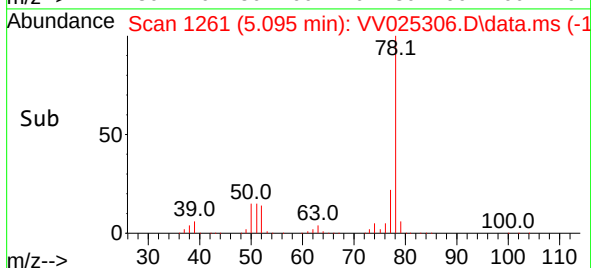
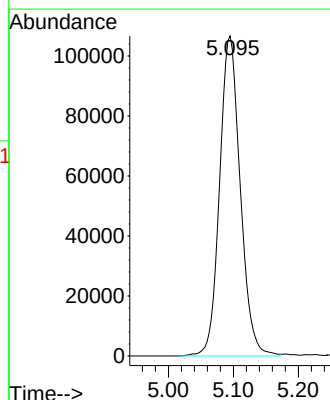
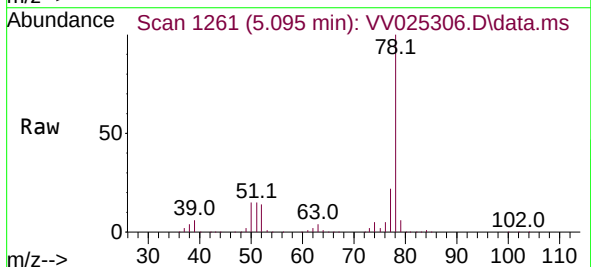
Instrument :
MSVOA_V
ClientSampleId :

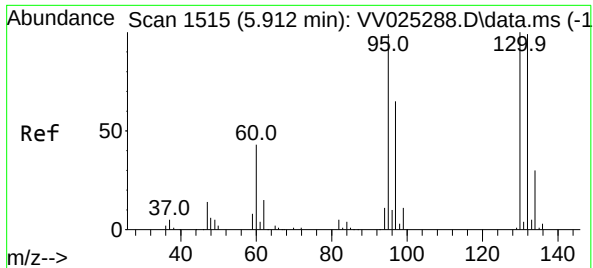
Tgt Ion:117 Resp: 87536
Ion Ratio Lower Upper
117 100
119 93.1 77.8 116.6



#33
Benzene
Concen: 5.162 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

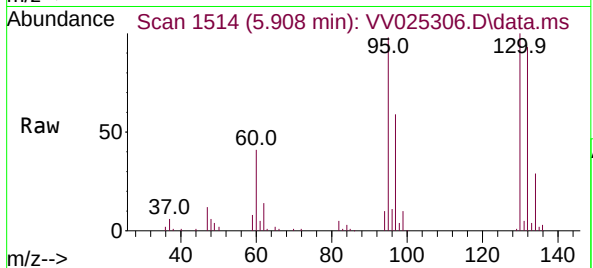
Tgt Ion: 78 Resp: 235017



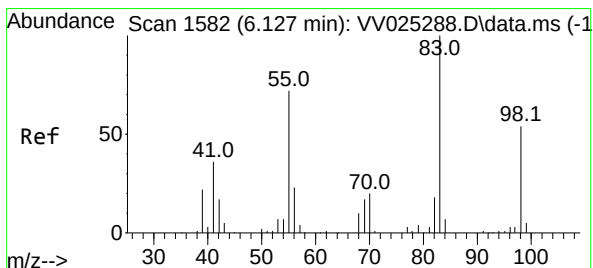
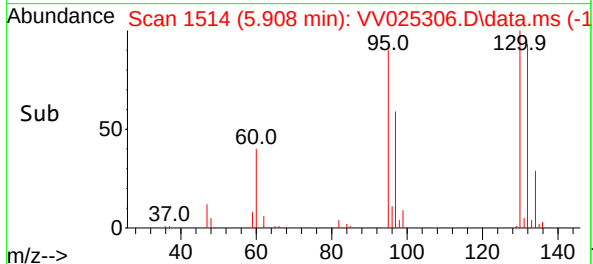
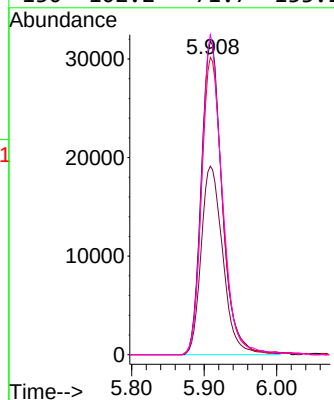


#34
Trichloroethene
Concen: 5.095 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Instrument :
MSVOA_V
ClientSampleId :

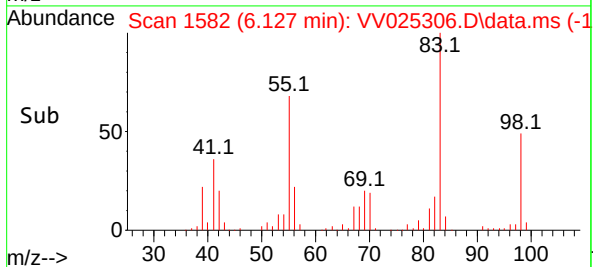
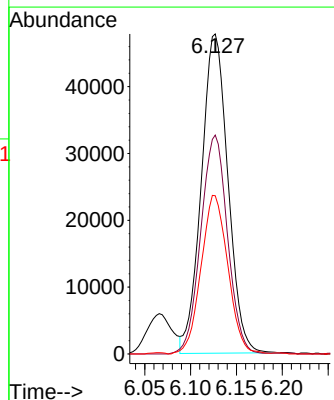
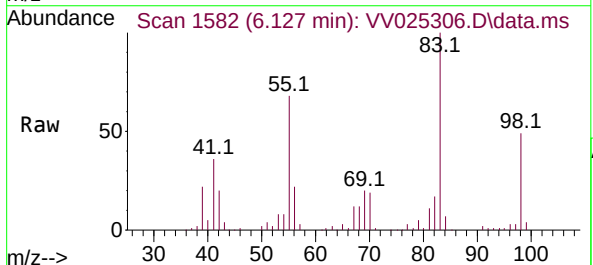


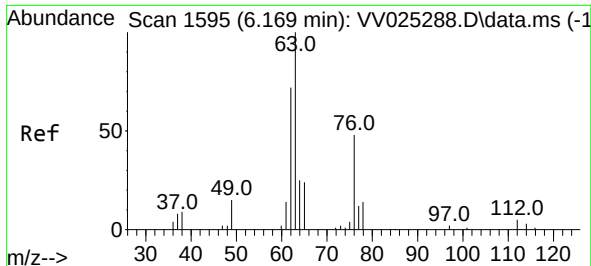
Tgt Ion: 95 Resp: 63688
Ion Ratio Lower Upper
95 100
97 60.2 46.3 85.9
132 94.9 65.2 121.2
130 102.2 71.7 133.1



#35
Methylcyclohexane
Concen: 4.930 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 83 Resp: 96563
Ion Ratio Lower Upper
83 100
55 68.8 54.6 81.8
98 50.0 39.8 59.6





#37

1,2-Dichloropropane

Concen: 5.131 ug/L

RT: 6.169 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

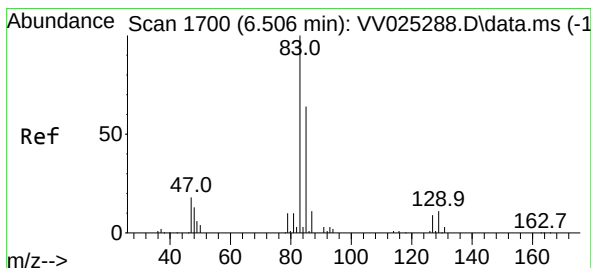
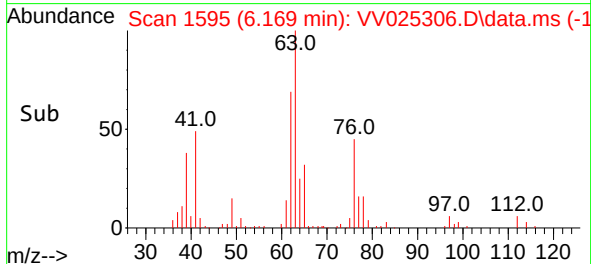
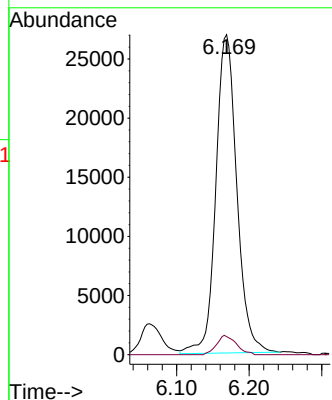
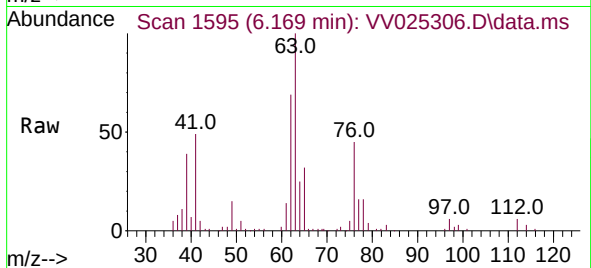
ClientSampleId :

Tgt Ion: 63 Resp: 54186

Ion Ratio Lower Upper

63 100

112 5.7 4.2 6.2



#38

Bromodichloromethane

Concen: 5.230 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

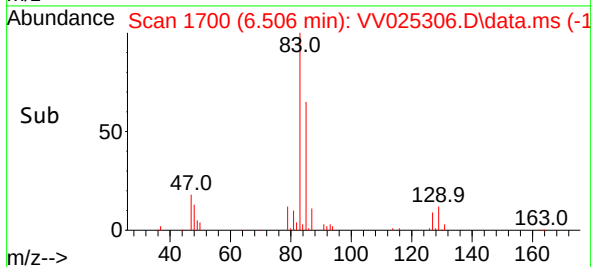
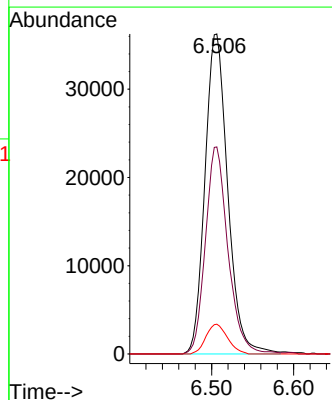
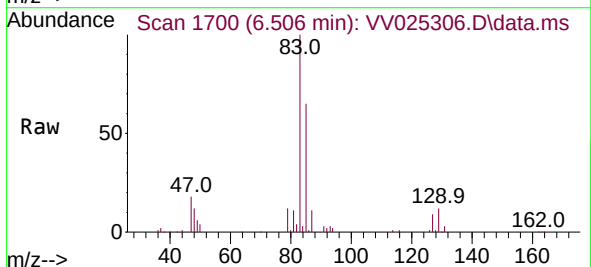
Tgt Ion: 83 Resp: 69964

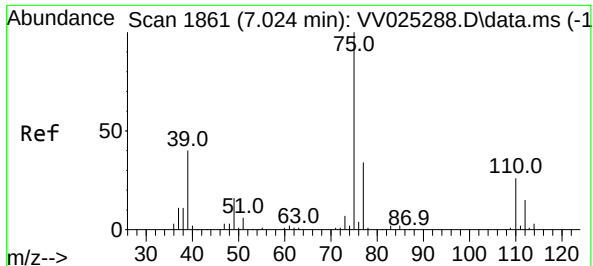
Ion Ratio Lower Upper

83 100

85 64.7 47.2 87.6

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.952 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

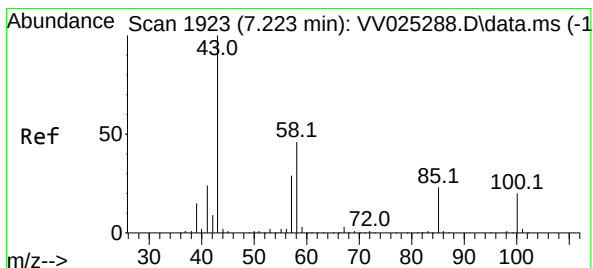
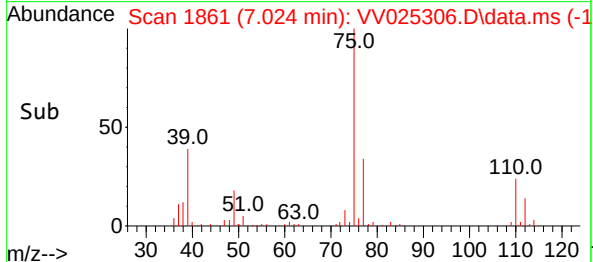
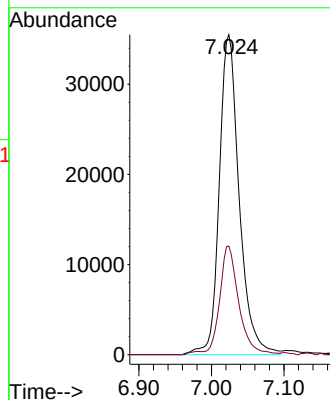
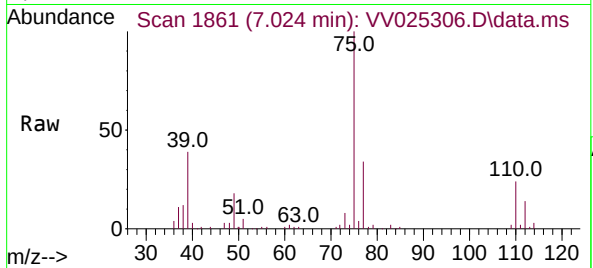
ClientSampleId :

Tgt Ion: 75 Resp: 67817

Ion Ratio Lower Upper

75 100

77 34.0 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 51.253 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

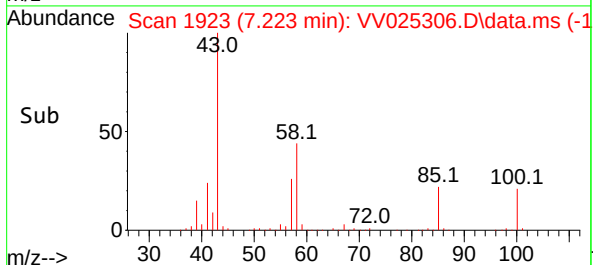
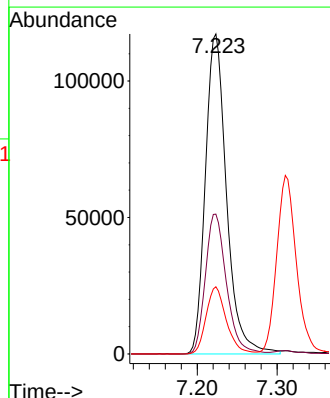
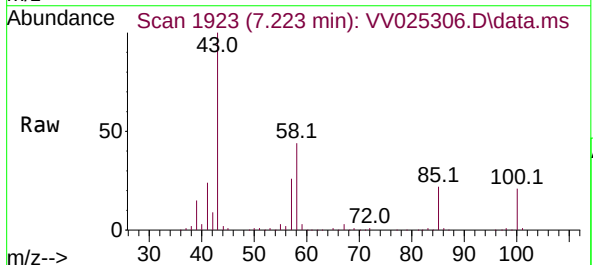
Tgt Ion: 43 Resp: 216109

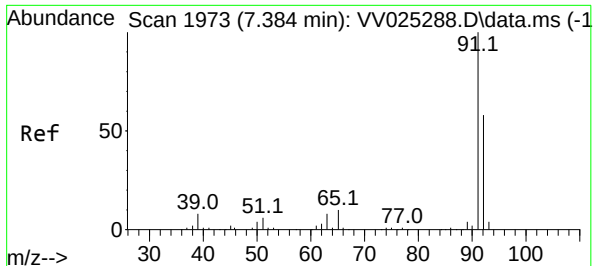
Ion Ratio Lower Upper

43 100

58 43.6 35.1 52.7

100 20.1 15.5 23.3





#42

Toluene

Concen: 5.328 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

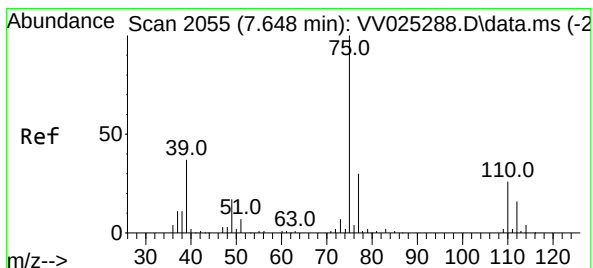
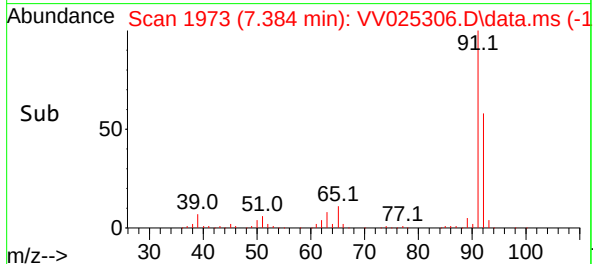
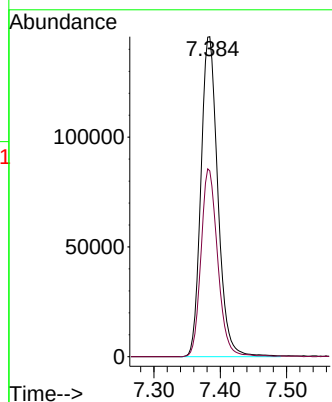
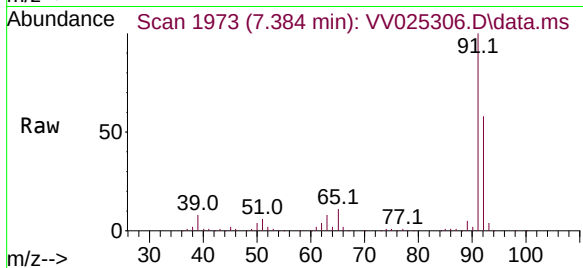
ClientSampleId :

Tgt Ion: 91 Resp: 258971

Ion Ratio Lower Upper

91 100

92 58.0 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.062 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV025306.D

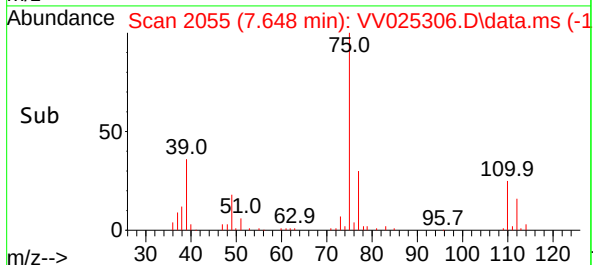
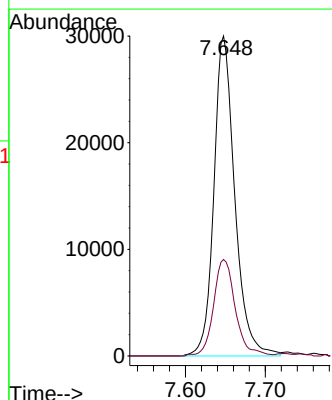
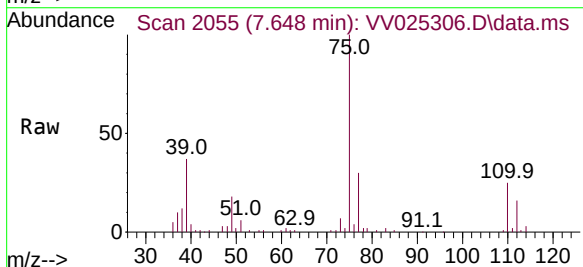
Acq: 30 Mar 2022 10:21

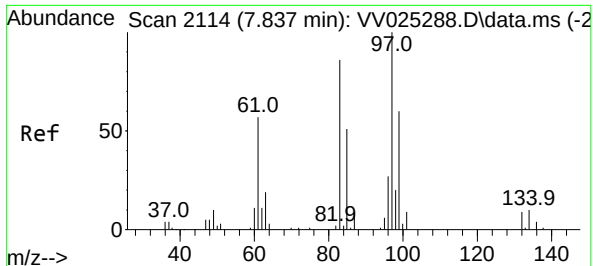
Tgt Ion: 75 Resp: 54490

Ion Ratio Lower Upper

75 100

77 30.1 24.2 45.0





#45

1,1,2-Trichloroethane

Concen: 5.205 ug/L

RT: 7.834 min Scan# 2114

Delta R.T. -0.003 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 37636

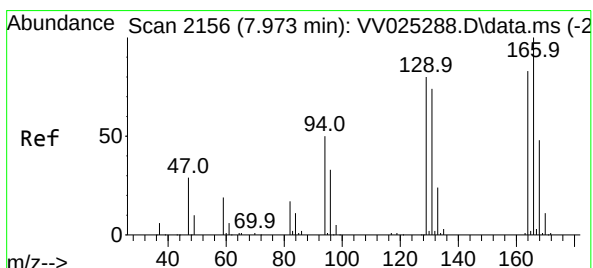
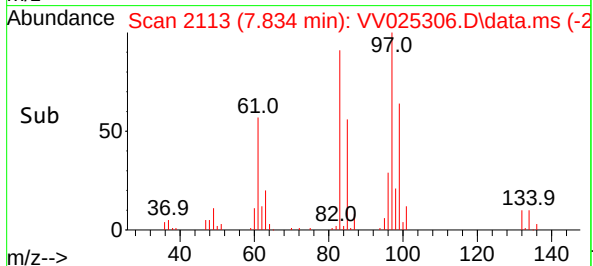
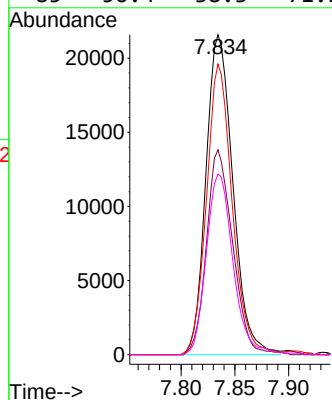
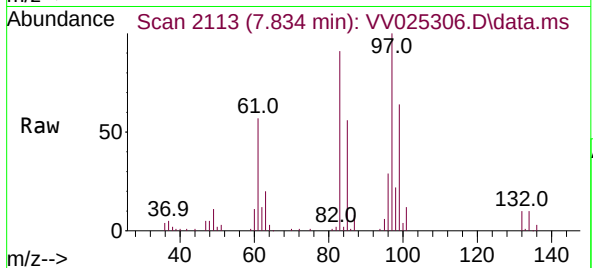
Ion Ratio Lower Upper

97 100

99 64.0 43.3 80.5

83 90.8 58.0 107.6

85 56.4 38.3 71.1



#47

Tetrachloroethene

Concen: 5.292 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Tgt Ion:164 Resp: 48784

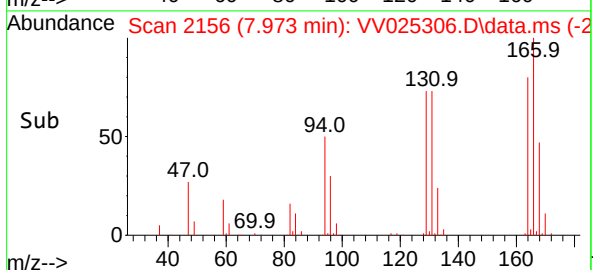
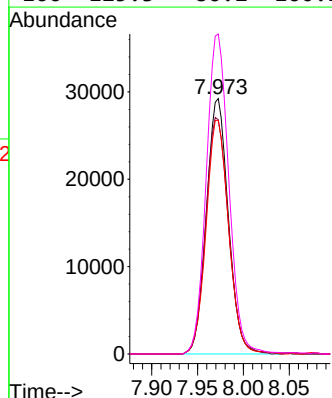
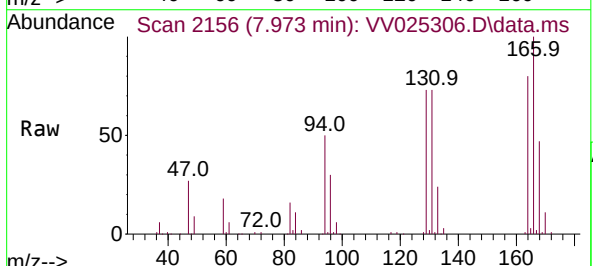
Ion Ratio Lower Upper

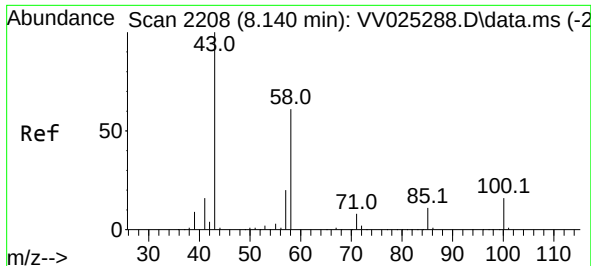
164 100

129 91.8 67.5 125.4

131 91.5 68.0 126.4

166 125.3 86.2 160.2

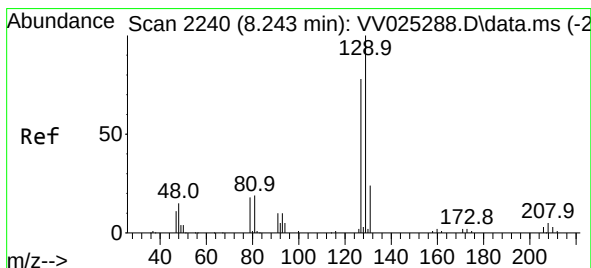
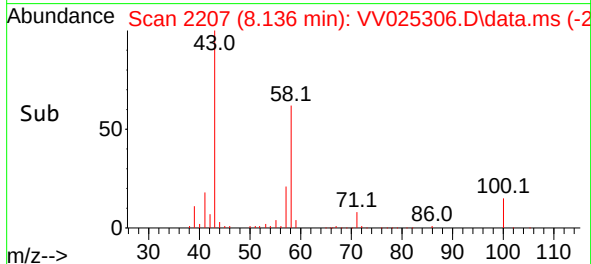
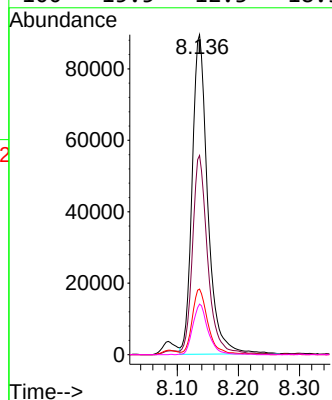
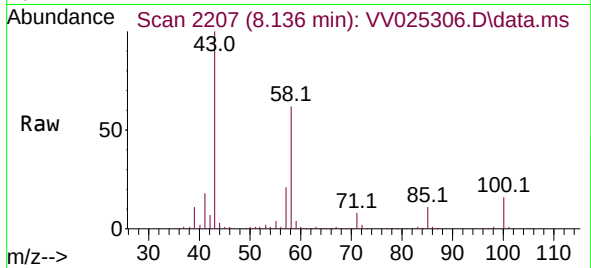




#48
2-Hexanone
Concen: 52.475 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

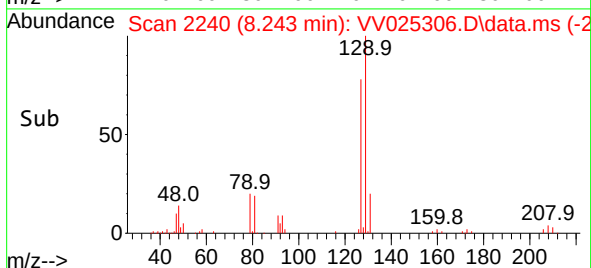
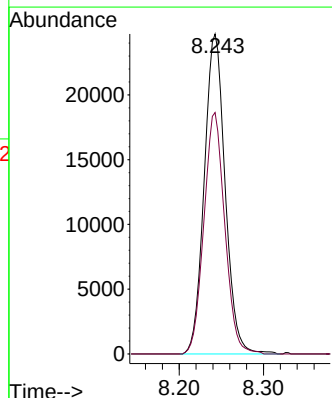
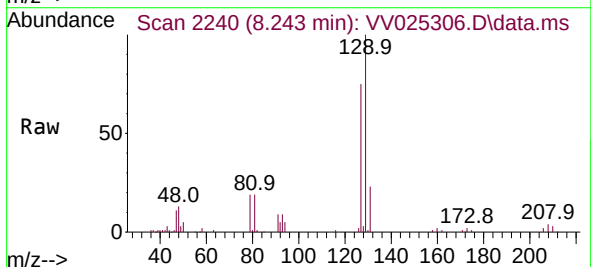
Instrument :
MSVOA_V
ClientSampleId :

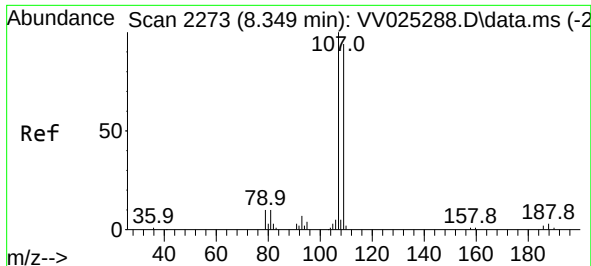
Tgt Ion: 43 Resp: 158252
Ion Ratio Lower Upper
43 100
58 60.0 48.5 72.7
57 20.7 16.9 25.3
100 15.5 12.3 18.5



#49
Dibromochloromethane
Concen: 5.471 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion:129 Resp: 42572
Ion Ratio Lower Upper
129 100
127 75.5 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.151 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025306.D

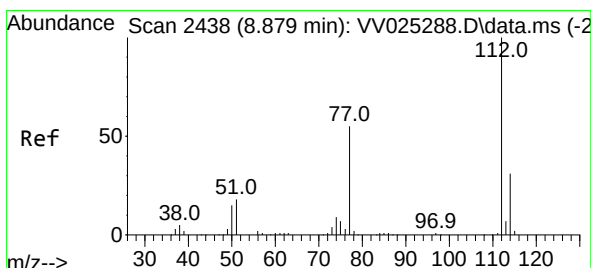
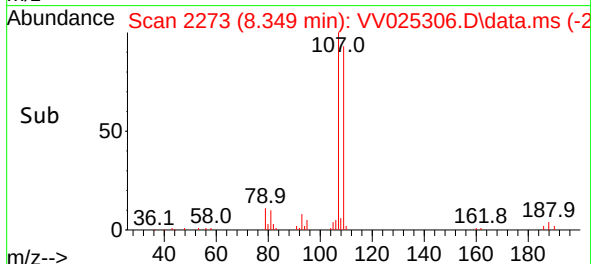
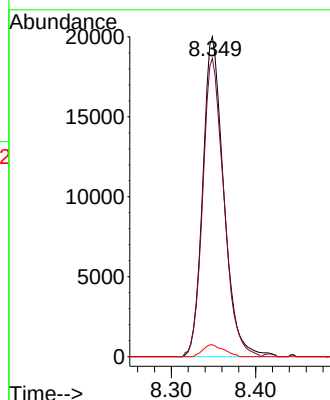
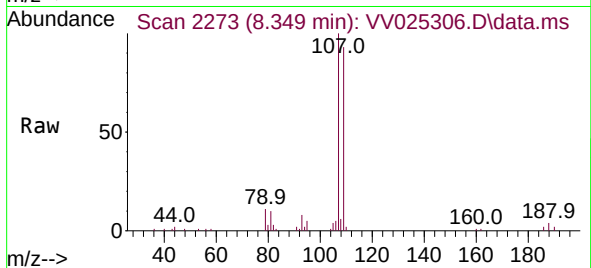
Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	34703
Ion	Ratio	Lower	Upper
107	100		
109	93.2	64.7	120.1
188	3.8	2.2	3.4#



#51

Chlorobenzene

Concen: 5.209 ug/L

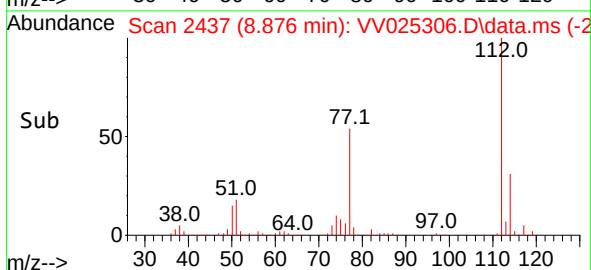
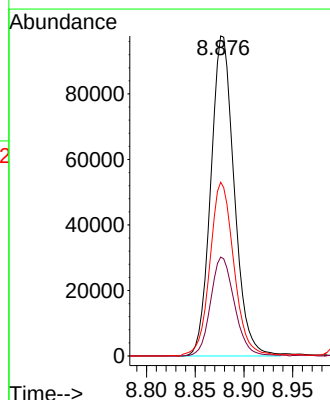
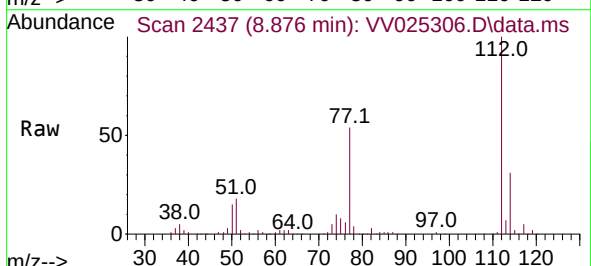
RT: 8.876 min Scan# 2437

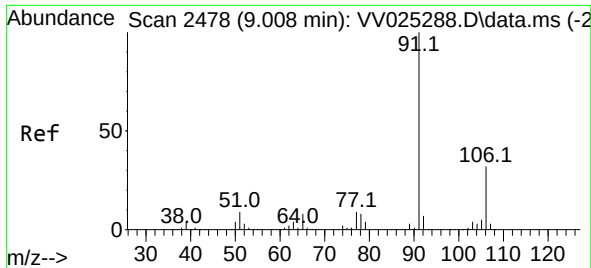
Delta R.T. -0.003 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Tgt Ion:	112	Resp:	163506
Ion	Ratio	Lower	Upper
112	100		
114	30.9	21.9	40.7
77	54.3	44.2	66.4

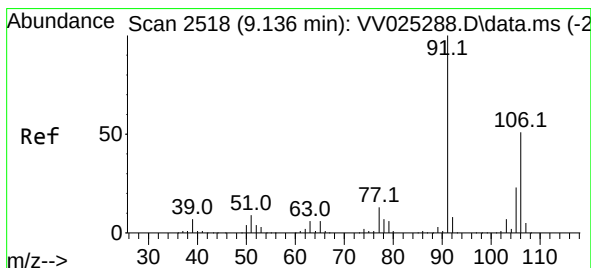
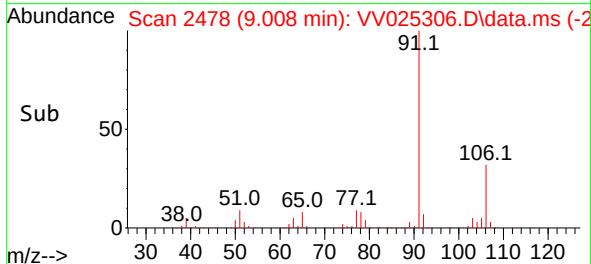
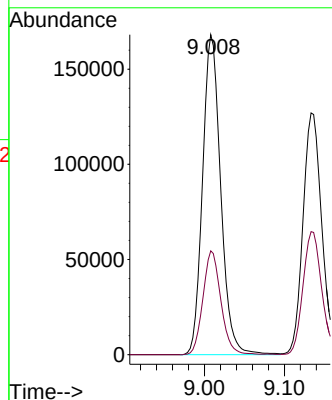
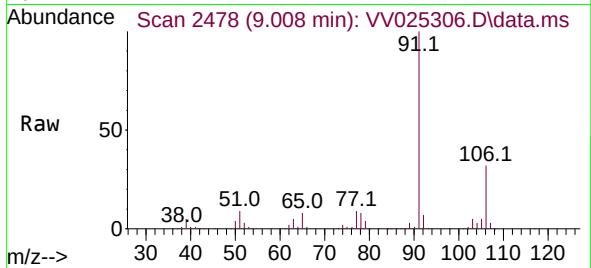




#52
Ethylbenzene
Concen: 5.156 ug/L
RT: 9.008 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

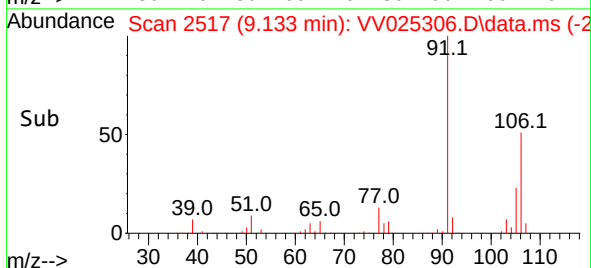
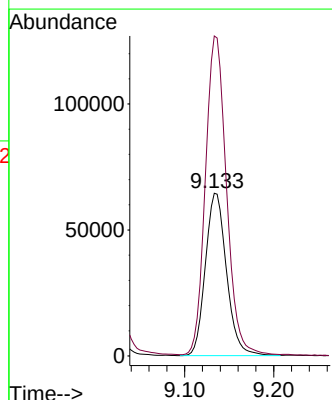
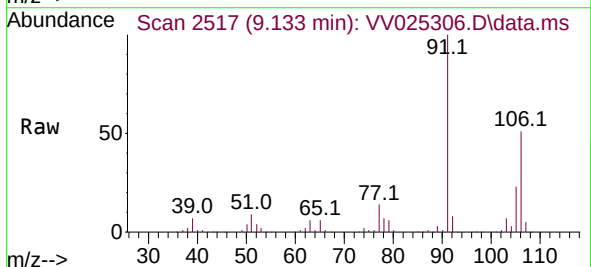
Instrument :
MSVOA_V
ClientSampleId :

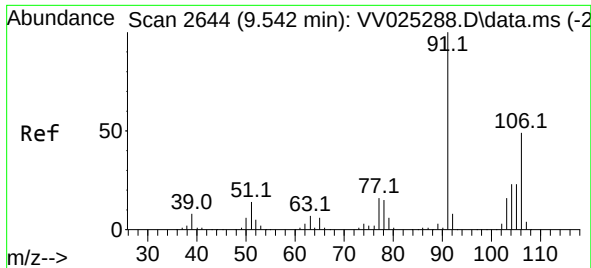
Tgt Ion: 91 Resp: 265765
Ion Ratio Lower Upper
91 100
106 32.5 21.7 40.3



#53
m,p-Xylene
Concen: 5.292 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 106 Resp: 106099
Ion Ratio Lower Upper
106 100
91 196.6 136.8 254.0

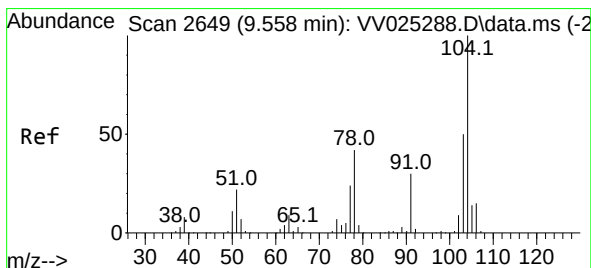
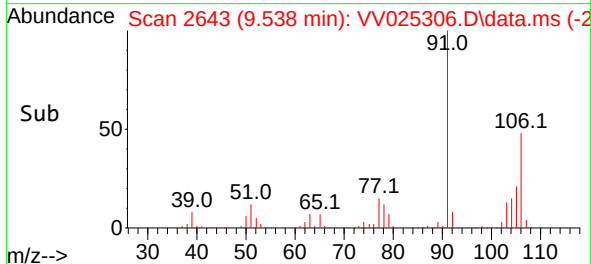
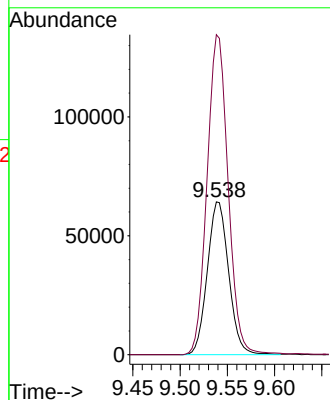
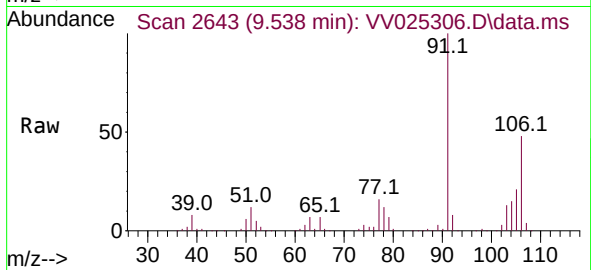




#54
o-Xylene
Concen: 5.272 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

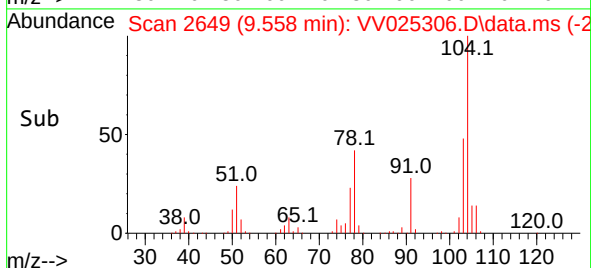
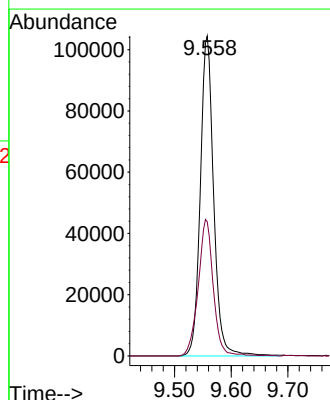
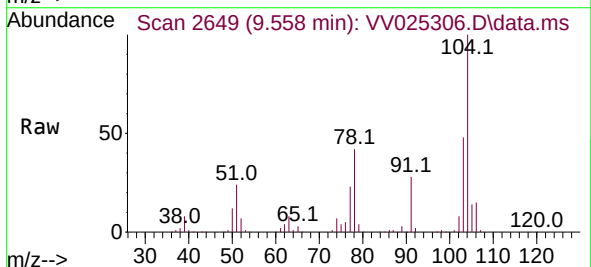
Instrument :
MSVOA_V
ClientSampleId :

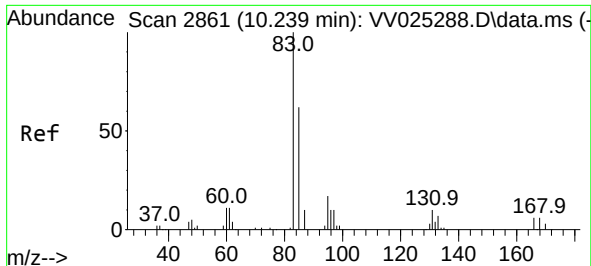
Tgt Ion:106 Resp: 101044
Ion Ratio Lower Upper
106 100
91 209.4 143.0 265.6



#55
Styrene
Concen: 5.419 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion:104 Resp: 170780
Ion Ratio Lower Upper
104 100
78 41.9 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.080 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :

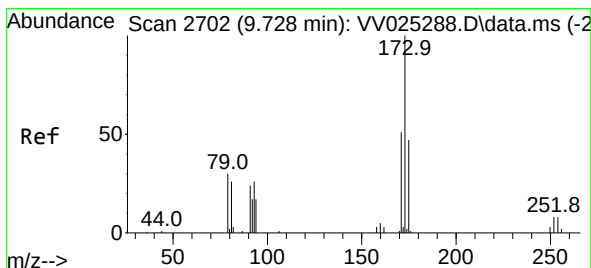
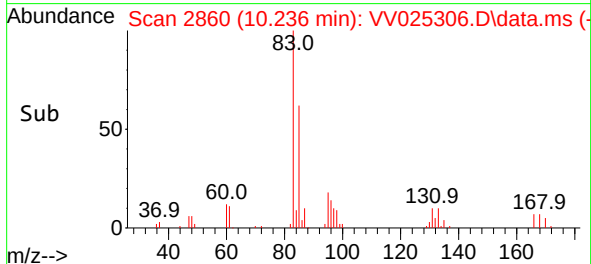
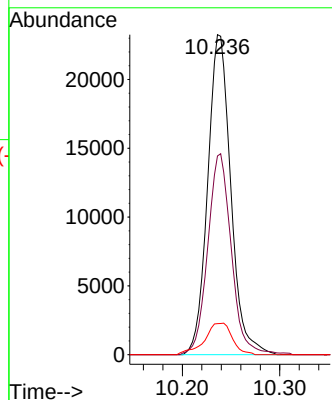
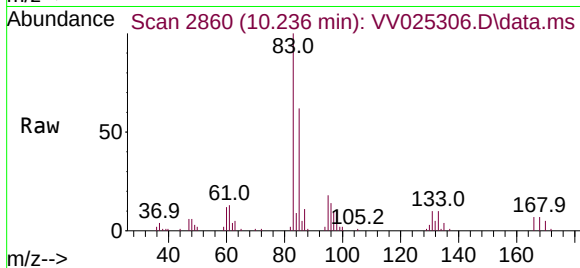
Tgt Ion: 83 Resp: 38290

Ion Ratio Lower Upper

83 100

85 62.1 46.2 85.8

131 9.7 8.1 12.1



#59

Bromoform

Concen: 5.922 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

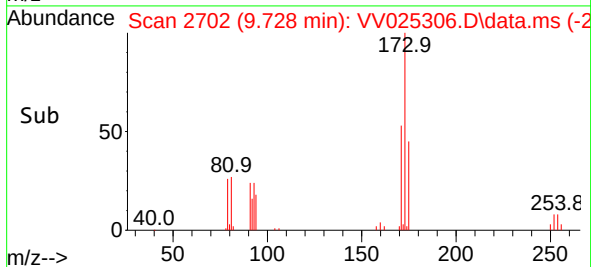
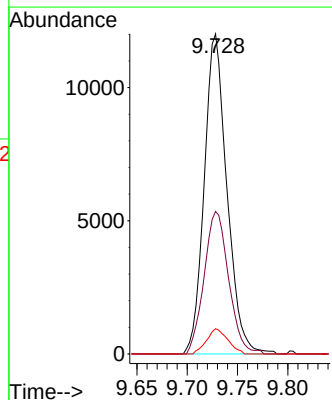
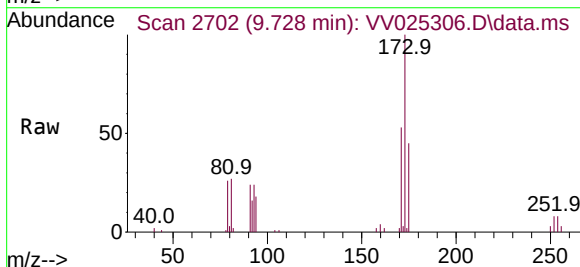
Tgt Ion:173 Resp: 18845

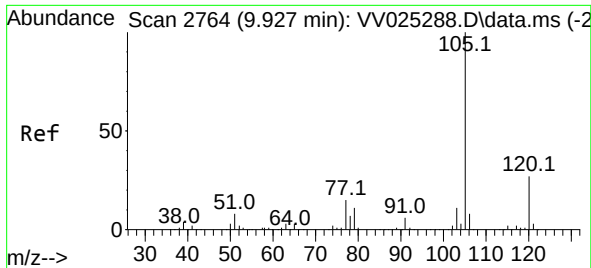
Ion Ratio Lower Upper

173 100

175 48.0 39.4 59.0

254 7.4 5.6 8.4

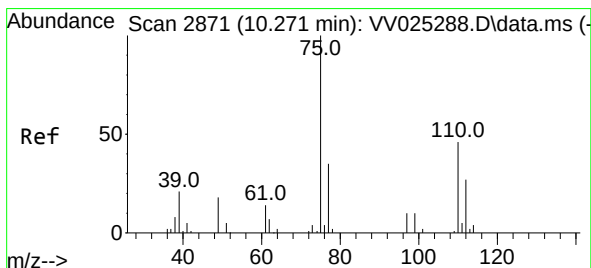
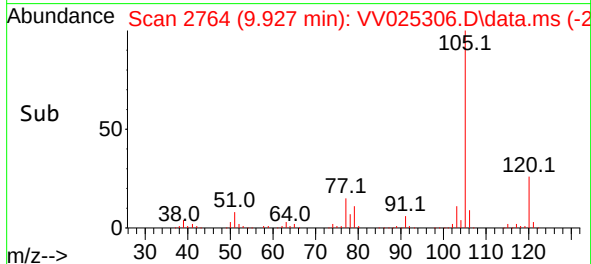
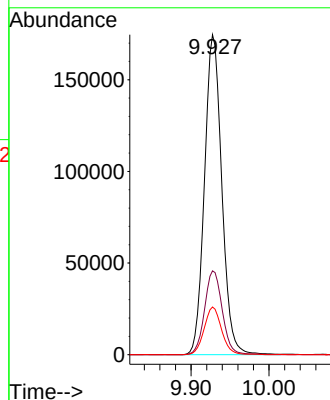
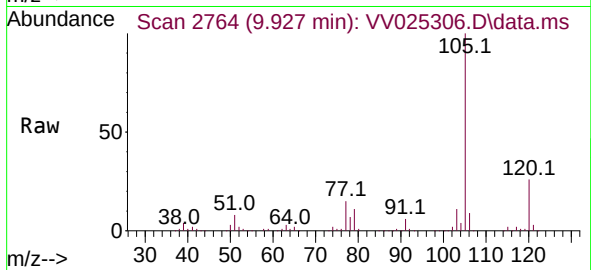




#60
Isopropylbenzene
Concen: 5.229 ug/L
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

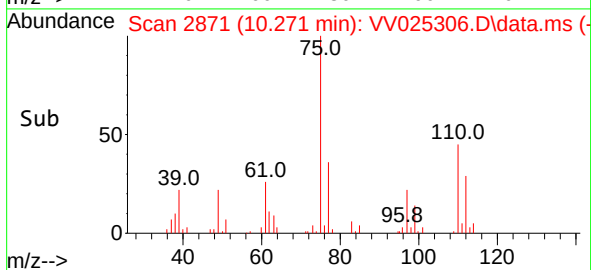
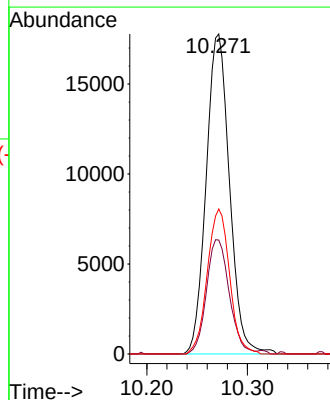
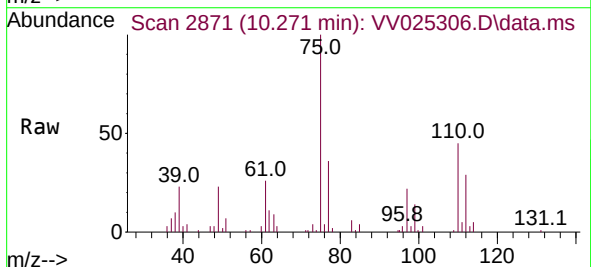
Instrument :
MSVOA_V
ClientSampleId :

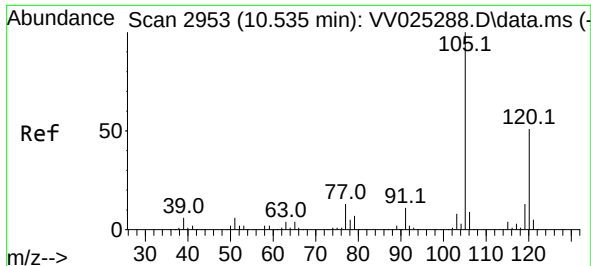
Tgt Ion:105 Resp: 269979
Ion Ratio Lower Upper
105 100
120 26.8 21.1 31.7
77 14.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 4.874 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion: 75 Resp: 28712
Ion Ratio Lower Upper
75 100
77 34.9 25.8 38.6
110 43.3 31.6 47.4





#62

1,3,5-Trimethylbenzene

Concen: 4.794 ug/L

RT: 10.535 min Scan# 2953

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

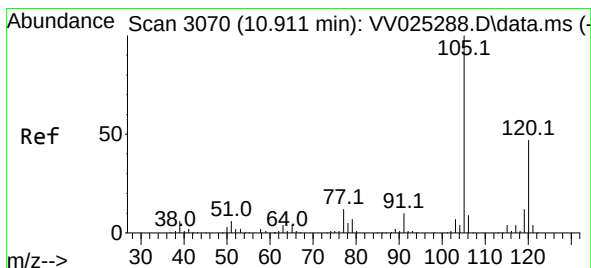
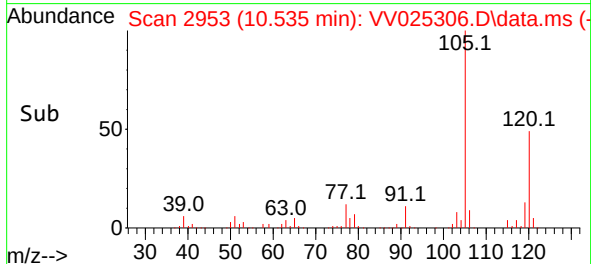
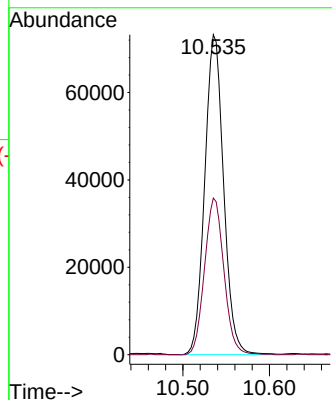
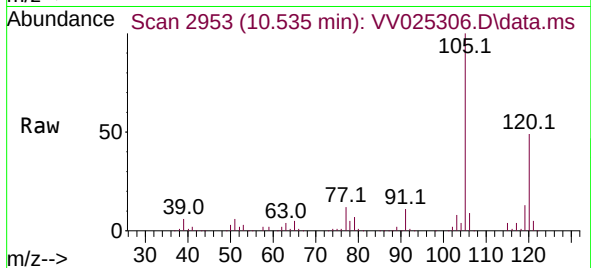
ClientSampleId :

Tgt Ion:105 Resp: 110980

Ion Ratio Lower Upper

105 100

120 50.2 39.7 59.5



#63

1,2,4-Trimethylbenzene

Concen: 5.214 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025306.D

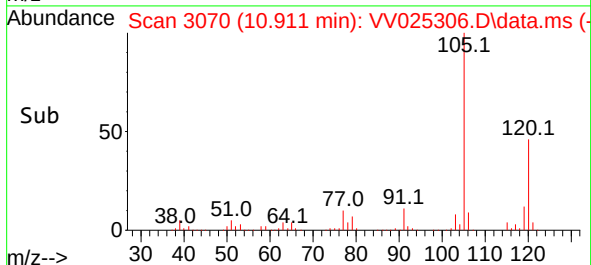
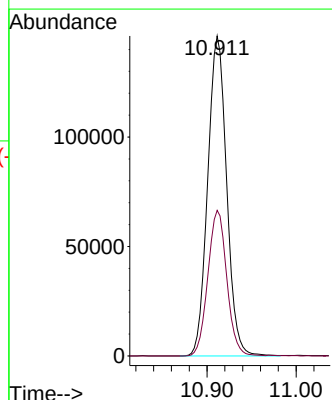
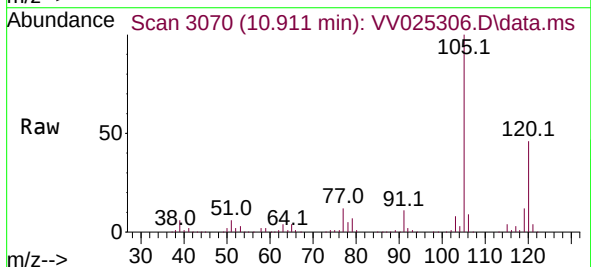
Acq: 30 Mar 2022 10:21

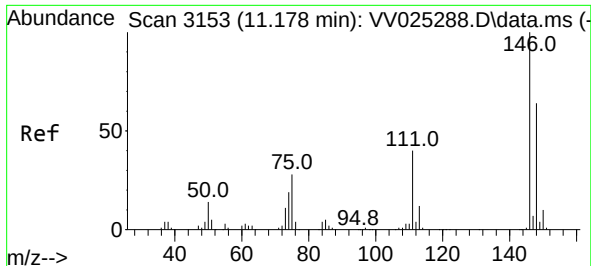
Tgt Ion:105 Resp: 215365

Ion Ratio Lower Upper

105 100

120 45.4 36.5 54.7

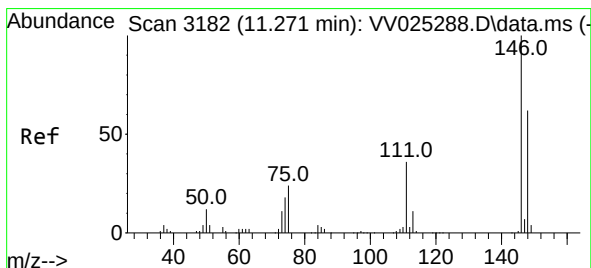
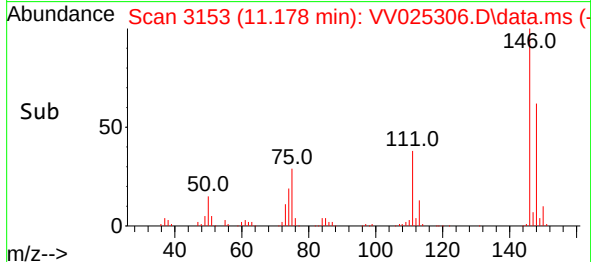
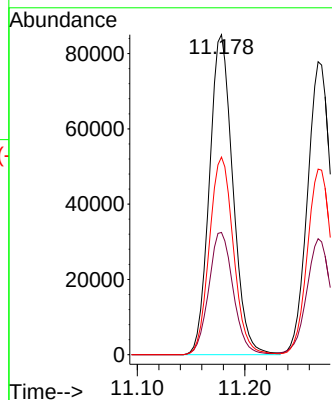
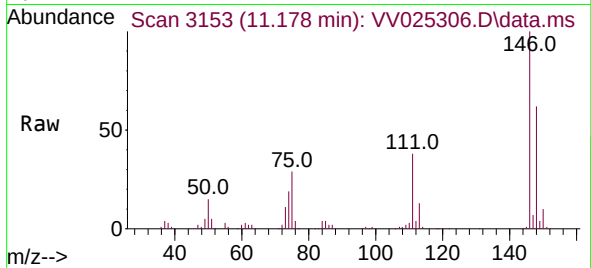




#64
1,3-Dichlorobenzene
Concen: 5.322 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

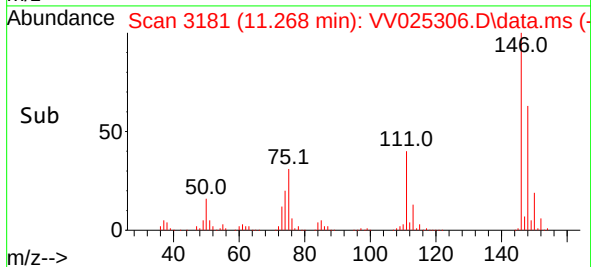
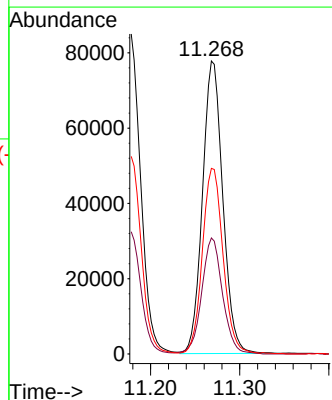
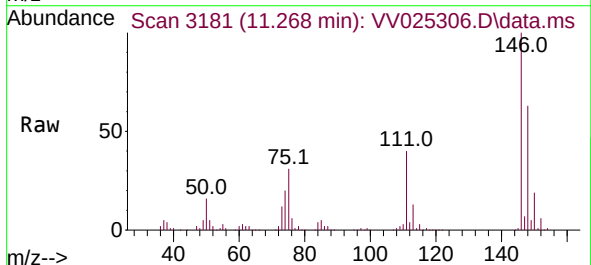
Instrument :
MSVOA_V
ClientSampleId :

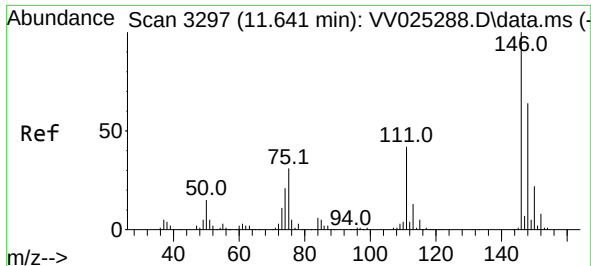
Tgt Ion:146 Resp: 128688
Ion Ratio Lower Upper
146 100
111 38.2 29.0 53.8
148 61.7 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.089 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion:146 Resp: 123232
Ion Ratio Lower Upper
146 100
111 39.6 27.9 51.9
148 63.4 45.6 84.8





#67

1,2-Dichlorobenzene

Concen: 5.286 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :

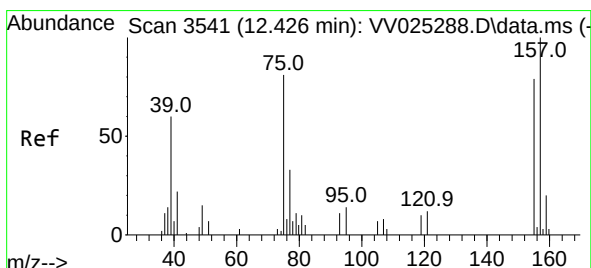
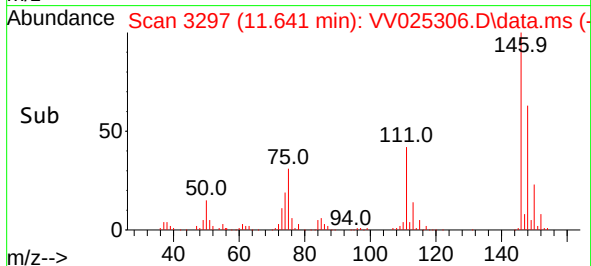
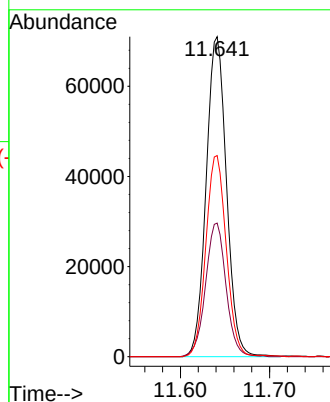
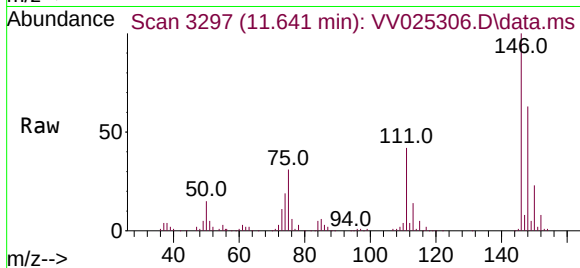
Tgt Ion:146 Resp: 112476

Ion Ratio Lower Upper

146 100

111 41.7 33.0 49.6

148 62.8 49.3 73.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.170 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

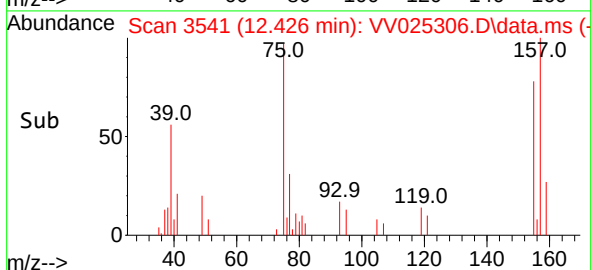
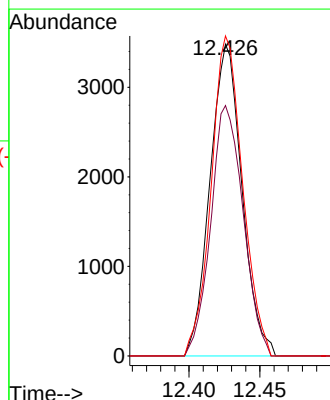
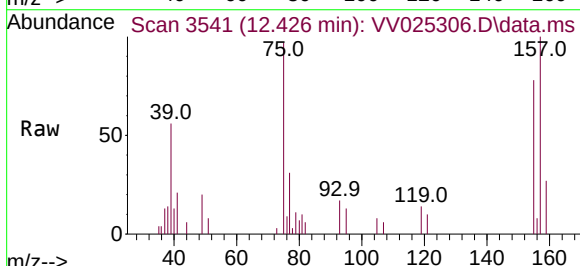
Tgt Ion: 75 Resp: 5453

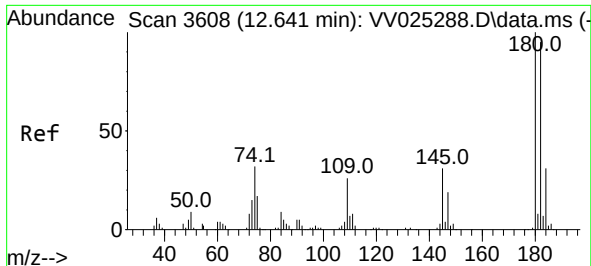
Ion Ratio Lower Upper

75 100

155 80.3 80.0 120.0

157 102.7 94.5 141.7





#69

1,3,5-Trichlorobenzene

Concen: 5.207 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.003 min

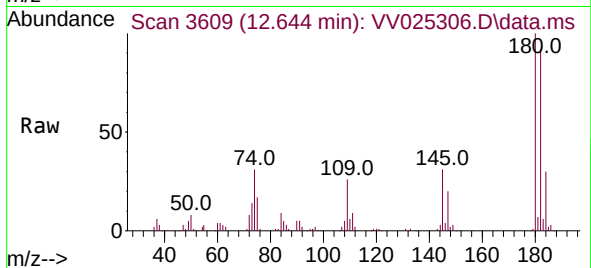
Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 90823

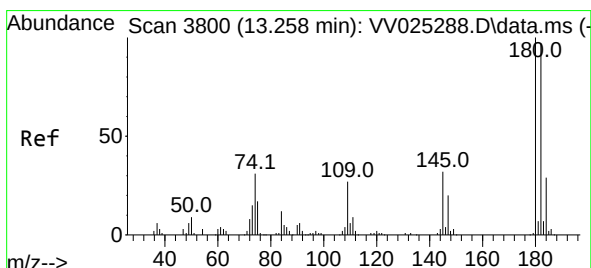
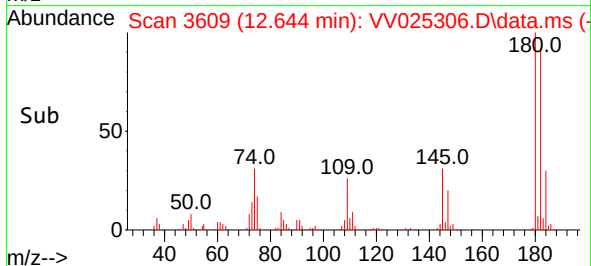
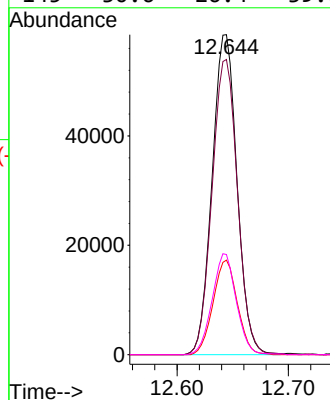
Ion Ratio Lower Upper

180 100

182 94.2 77.1 115.7

184 28.8 23.6 35.4

145 30.6 26.4 39.6



#70

1,2,4-trichlorobenzene

Concen: 5.000 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025306.D

Acq: 30 Mar 2022 10:21

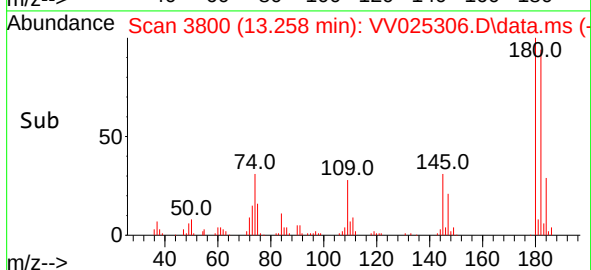
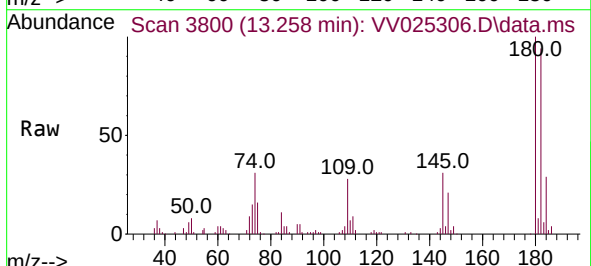
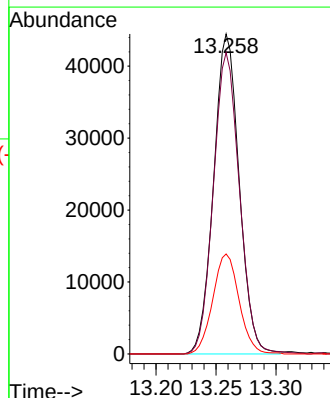
Tgt Ion:180 Resp: 65808

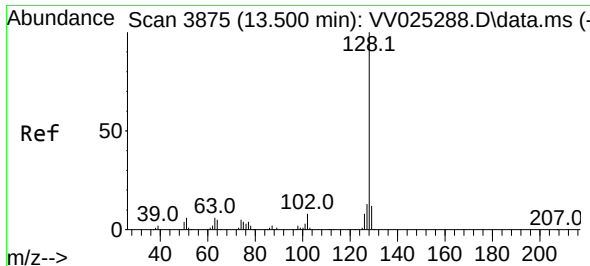
Ion Ratio Lower Upper

180 100

182 96.1 77.5 116.3

145 32.2 26.2 39.4

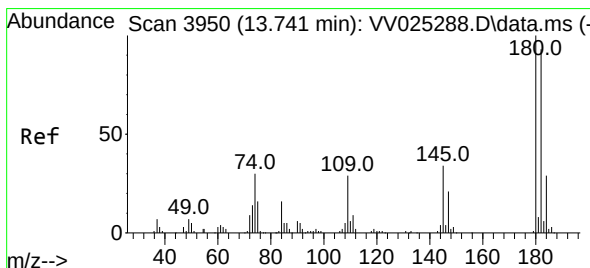
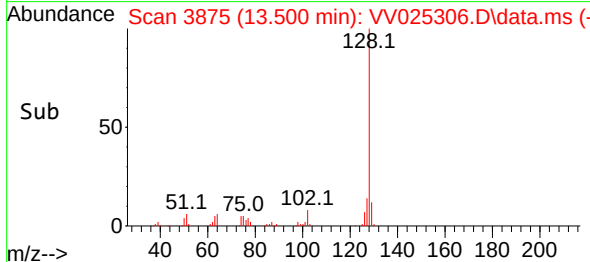
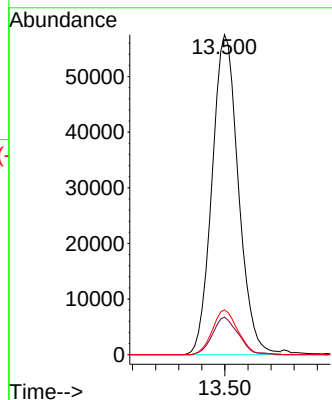
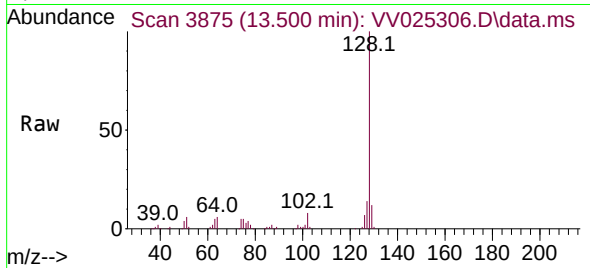




#71
Naphthalene
Concen: 4.444 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.8	13.2
127	13.6	10.6	16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.094 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025306.D
Acq: 30 Mar 2022 10:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	33.4	28.6	42.8

