

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024286.D
 Acq On : 06 Jan 2022 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 07 01:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 00:59:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266787	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	250077	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	147019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	76253	39.714	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.568	69	59763	40.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.940%
11) 1,1-Dichloroethene-d2	2.111	63	150429	41.920	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.840%
21) 2-Butanone-d5	3.883	46	85325	79.763	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.760%
24) Chloroform-d	4.346	84	151177	43.081	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.160%
26) 1,2-Dichloroethane-d4	5.027	65	99398	42.307	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.620%
32) Benzene-d6	5.047	84	283818	43.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.980%
36) 1,2-Dichloropropane-d6	6.066	67	77851	42.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.140%
41) Toluene-d8	7.313	98	279589	44.249	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.500%
43) trans-1,3-Dichloroprop...	7.619	79	44621	42.369	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.740%
47) 2-Hexanone-d5	8.085	63	63867	80.377	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.380%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	109850	42.029	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.060%
66) 1,2-Dichlorobenzene-d4	11.622	152	123145	42.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94768	44.030	ug/L	100
3) Chloromethane	1.243	50	74830	41.382	ug/L	97
5) Vinyl chloride	1.314	62	81131	42.403	ug/L	96
6) Bromomethane	1.523	94	53400	48.978	ug/L	99
8) Chloroethane	1.587	64	49875	42.232	ug/L	100
9) Trichlorofluoromethane	1.754	101	151357	44.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	76632	45.592	ug/L	98
12) 1,1-Dichloroethene	2.121	96	70011	43.082	ug/L	100
13) Acetone	2.179	43	95345	90.274	ug/L	98
14) Carbon disulfide	2.294	76	188022	39.849	ug/L	98
15) Methyl Acetate	2.429	43	60181	39.176	ug/L	100
16) Methylene chloride	2.507	84	74766	42.249	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	71653	42.790	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	227212	44.026	ug/L	99
19) 1,1-Dichloroethane	3.188	63	121344	43.689	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	78201	43.727	ug/L	97
22) 2-Butanone	3.966	43	95607	85.216	ug/L	97
23) Bromochloromethane	4.246	128	44637	43.317	ug/L	96
25) Chloroform	4.371	83	140209	43.176	ug/L	99

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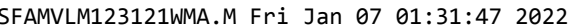
Instrument :
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 ClientSampleId :

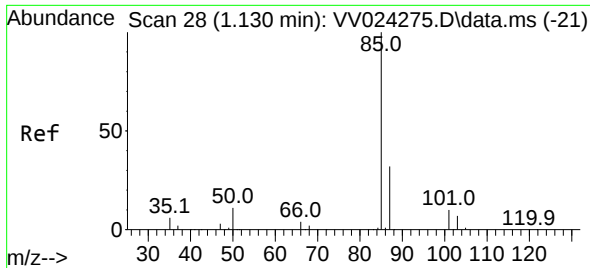
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	114015	43.166	ug/L	99
29) Cyclohexane	4.677	56	103347	46.231	ug/L #	93
30) 1,1,1-Trichloroethane	4.606	97	136760	44.446	ug/L	98
31) Carbon tetrachloride	4.825	117	128420	44.987	ug/L	99
33) Benzene	5.095	78	283961	44.656	ug/L	100
34) Trichloroethene	5.912	95	80499	45.907	ug/L	97
35) Methylcyclohexane	6.130	83	123589	47.523	ug/L	99
37) 1,2-Dichloropropane	6.169	63	66258	44.301	ug/L	99
38) Bromodichloromethane	6.506	83	104768	44.639	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	116326	46.268	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	165456	84.836	ug/L	99
42) Toluene	7.384	91	327766	45.919	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	118336	46.399	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	73710	43.961	ug/L	98
46) Tetrachloroethene	7.973	164	73818	46.251	ug/L	98
48) 2-Hexanone	8.137	43	143902	91.864	ug/L	99
49) Dibromochloromethane	8.243	129	91448	43.511	ug/L	98
50) 1,2-Dibromoethane	8.349	107	80160	44.511	ug/L	100
51) Chlorobenzene	8.879	112	217170	45.171	ug/L	99
52) Ethylbenzene	9.011	91	354203	46.449	ug/L	98
53) m,p-Xylene	9.137	106	145946	47.748	ug/L	98
54) o-Xylene	9.542	106	137216	47.027	ug/L	100
55) Styrene	9.558	104	240602	47.484	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	105111	42.932	ug/L	100
59) Bromoform	9.728	173	67592	40.319	ug/L	98
60) Isopropylbenzene	9.931	105	372189	45.750	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	87373	40.473	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	325992	46.584	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	328623	47.038	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	194222	46.302	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	196191	45.353	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	190369	44.035	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	23431	37.685	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	150561	46.664	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	126149	45.716	ug/L	99
71) Naphthalene	13.500	128	339914	42.578	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	126704	44.428	ug/L	99

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

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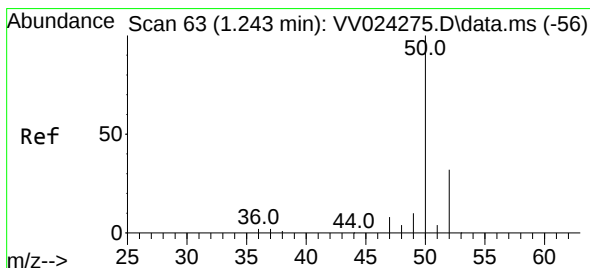
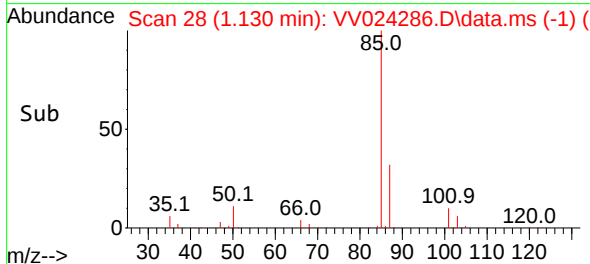
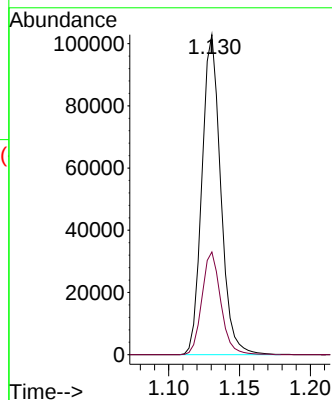
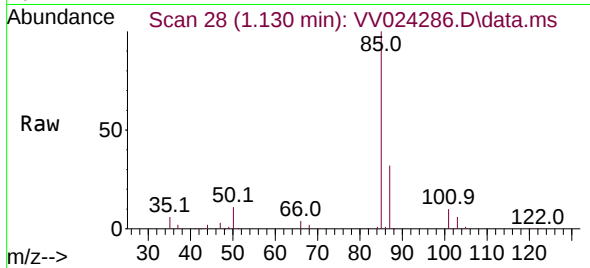




#2
 Dichlorodifluoromethane
 Concen: 44.030 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

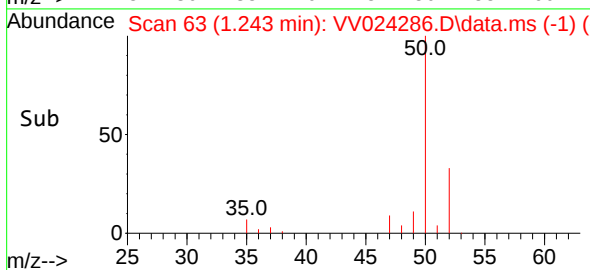
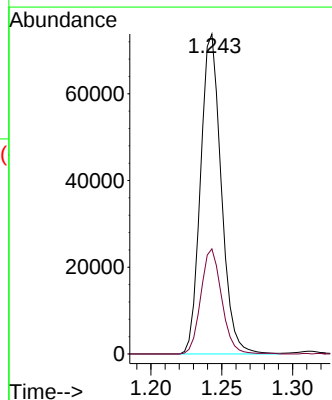
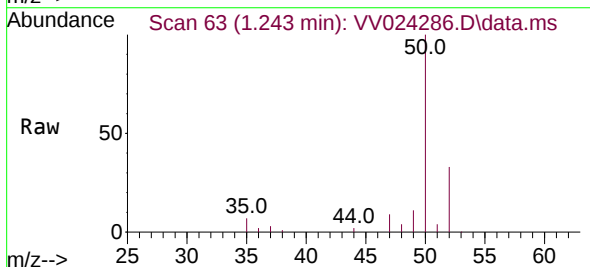
Instrument :
 MSVOA_V
 ClientSampleId :

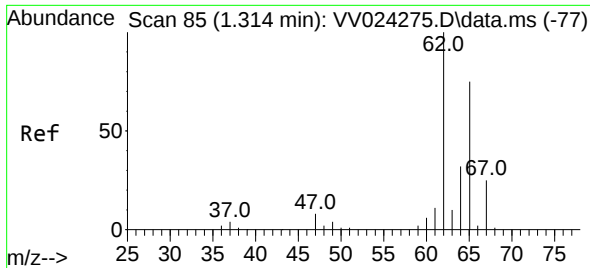
Tgt Ion: 85 Resp: 94768
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 41.382 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

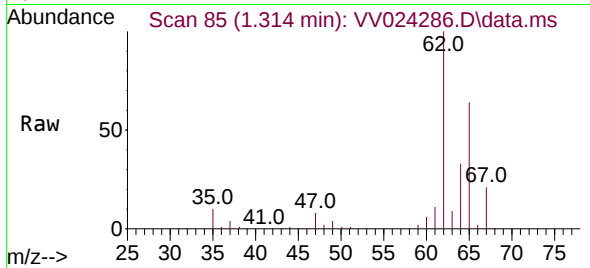
Tgt Ion: 50 Resp: 74830
 Ion Ratio Lower Upper
 50 100
 52 32.8 24.1 44.7



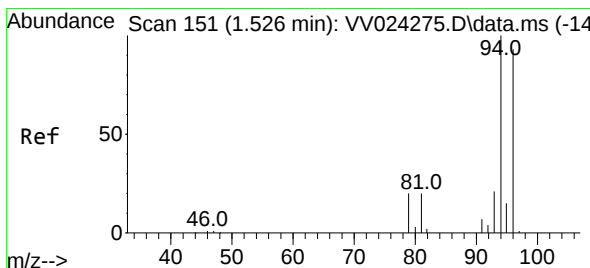
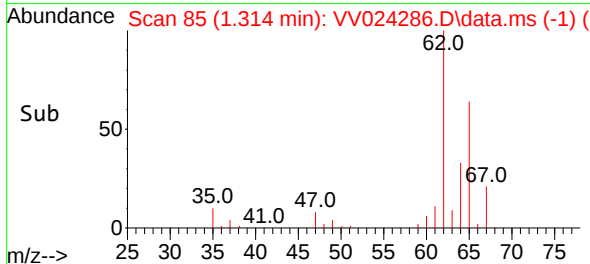
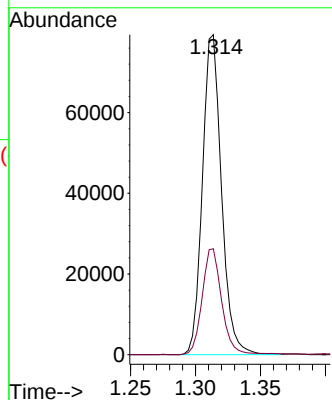


#5
 Vinyl chloride
 Concen: 42.403 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

Instrument :
 MSVOA_V
 ClientSampleId :

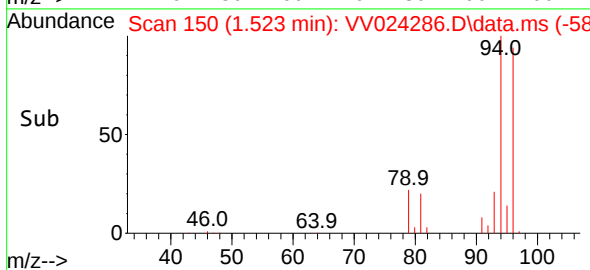
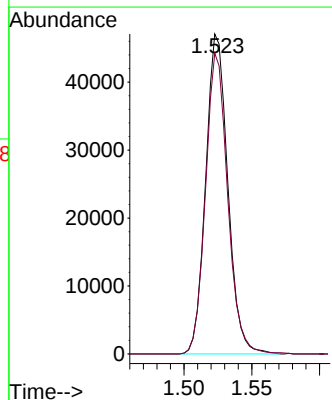
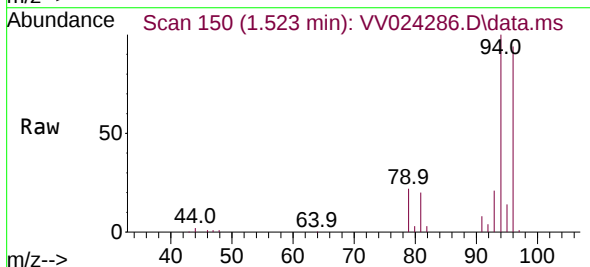


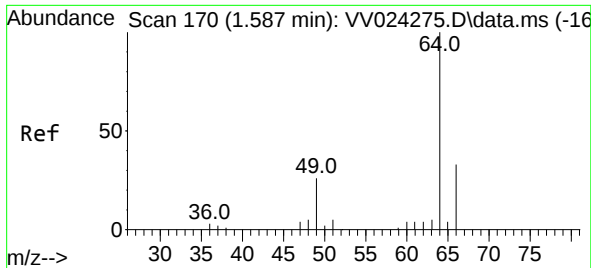
Tgt Ion: 62 Resp: 81131
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.0 46.4



#6
 Bromomethane
 Concen: 48.978 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

Tgt Ion: 94 Resp: 53400
 Ion Ratio Lower Upper
 94 100
 96 94.0 65.0 120.6

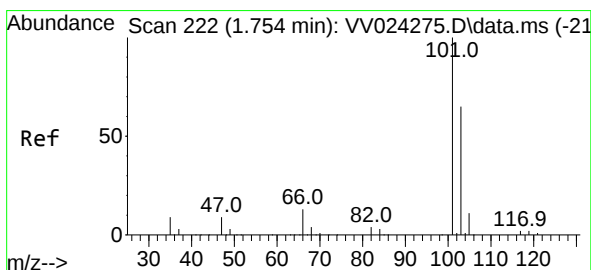
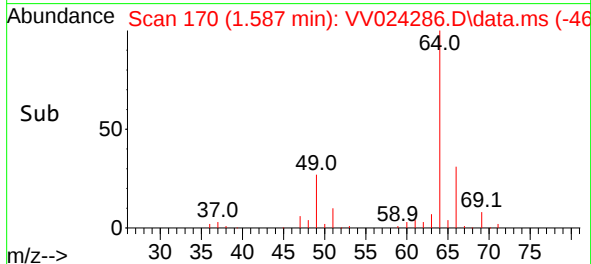
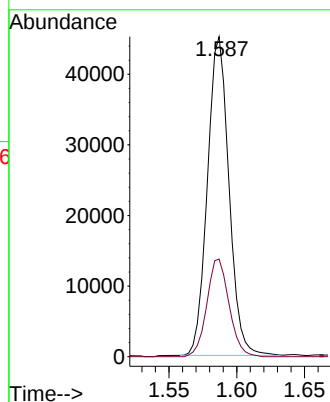
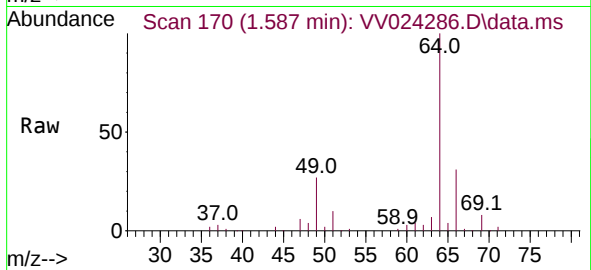




#8
Chloroethane
Concen: 42.232 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

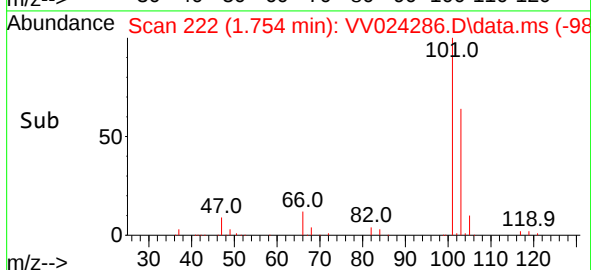
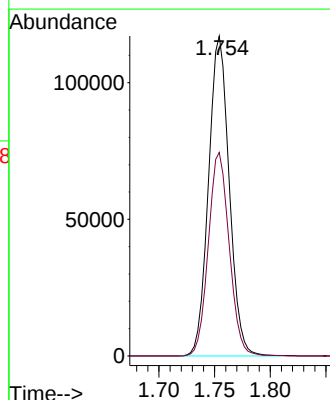
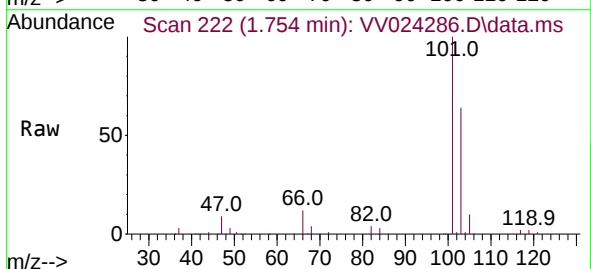
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MSVOA_V
ClientSampleId :

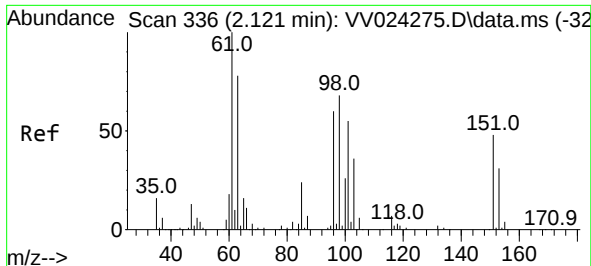
Tgt Ion: 64 Resp: 49875
Ion Ratio Lower Upper
64 100
66 30.5 21.4 39.8



#9
Trichlorofluoromethane
Concen: 44.009 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion:101 Resp: 151357
Ion Ratio Lower Upper
101 100
103 64.2 52.0 78.0





#10

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

Concen: 45.592 ug/L

RT: 2.118 min Scan# 335

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

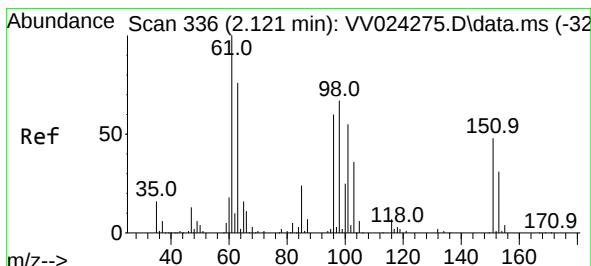
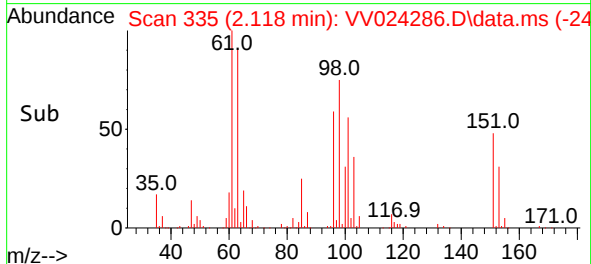
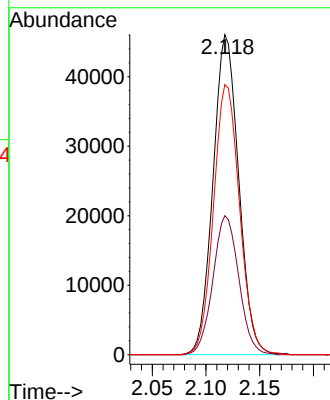
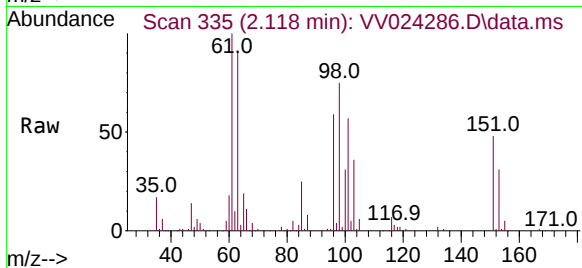
Tgt Ion:101 Resp: 76632

Ion Ratio Lower Upper

101 100

85 43.7 35.3 52.9

151 85.7 67.1 100.7



#12

1,1-Dichloroethene

Concen: 43.082 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

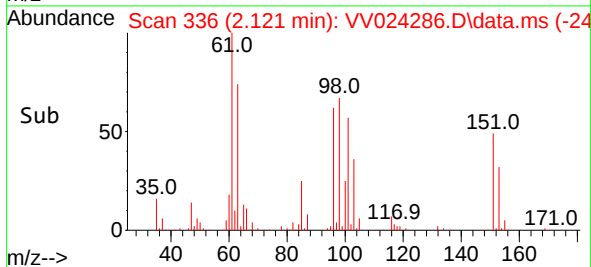
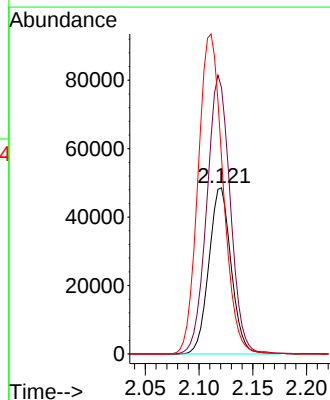
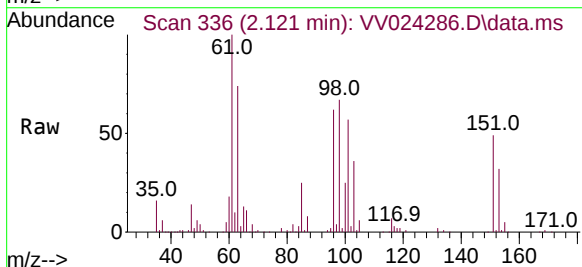
Tgt Ion: 96 Resp: 70011

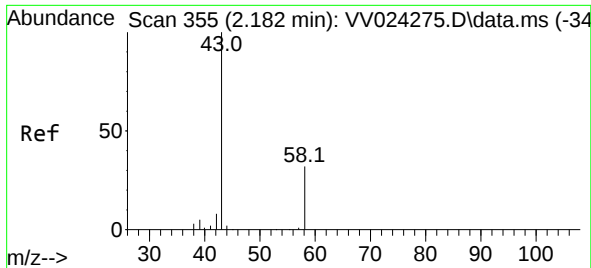
Ion Ratio Lower Upper

96 100

61 160.4 111.9 207.9

63 118.5 82.7 153.5





#13

Acetone

Concen: 90.274 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

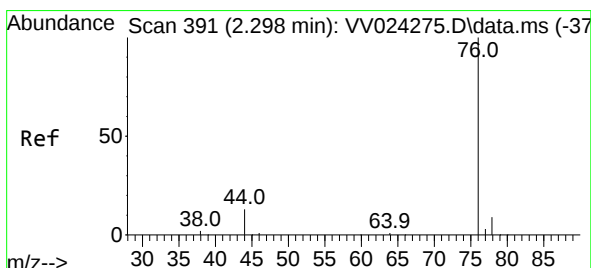
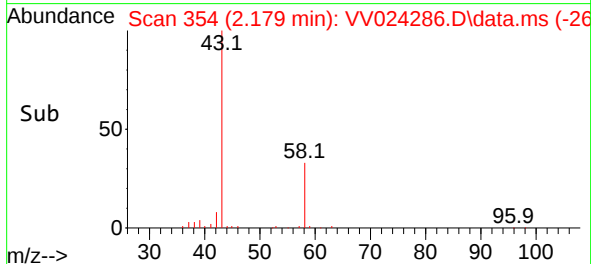
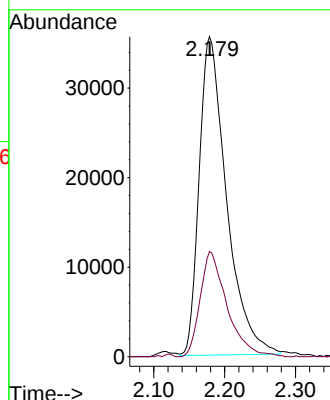
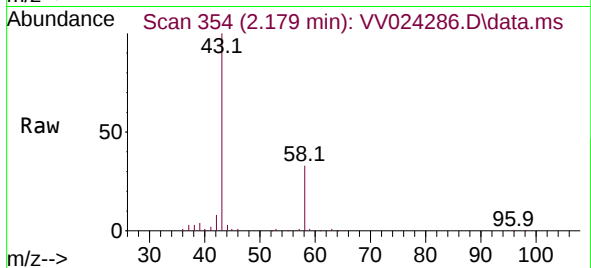
ClientSampleId :

Tgt Ion: 43 Resp: 95345

Ion Ratio Lower Upper

43 100

58 32.4 0.0 63.0



#14

Carbon disulfide

Concen: 39.849 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV024286.D

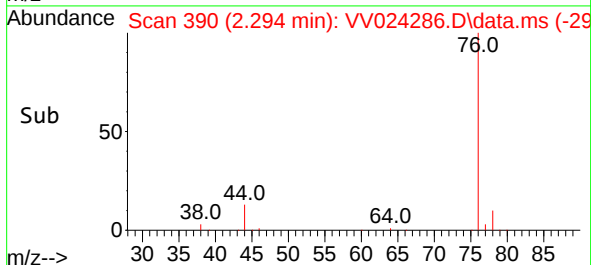
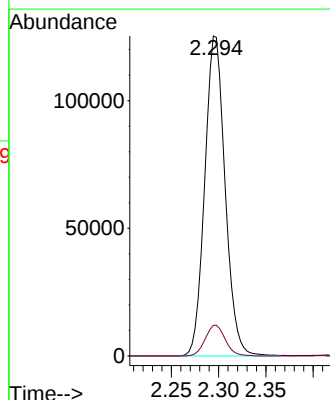
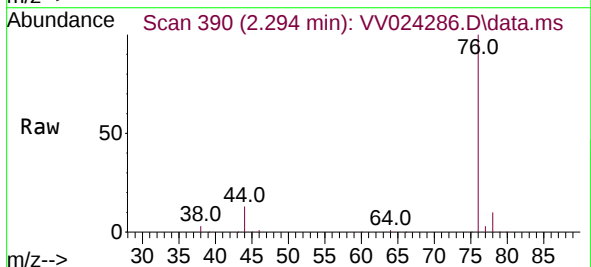
Acq: 06 Jan 2022 10:35

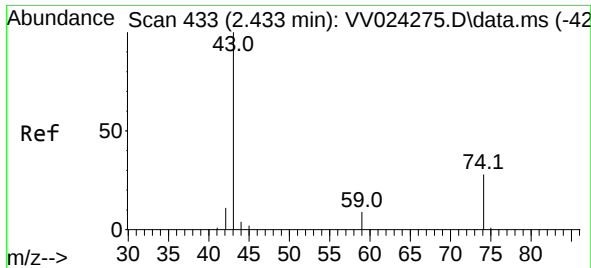
Tgt Ion: 76 Resp: 188022

Ion Ratio Lower Upper

76 100

78 9.5 7.2 10.8

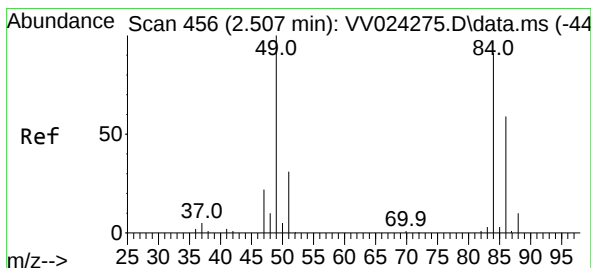
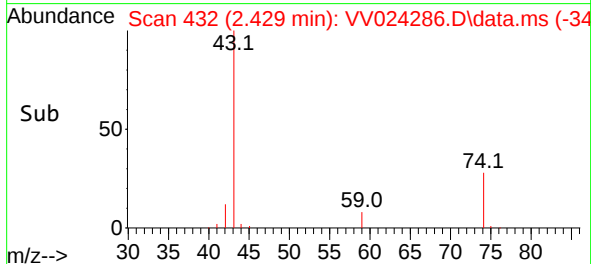
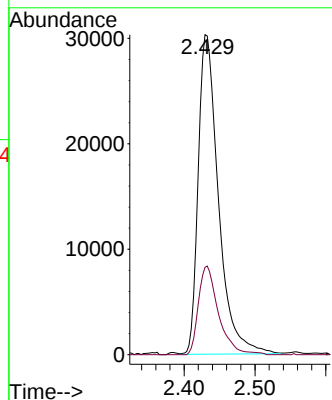
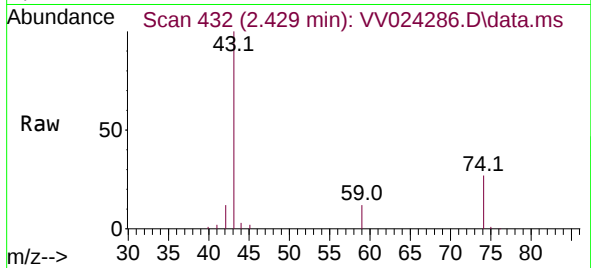




#15
Methyl Acetate
Concen: 39.176 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

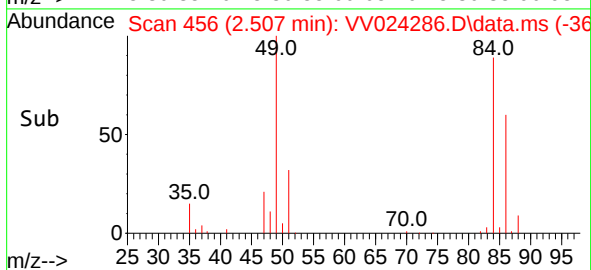
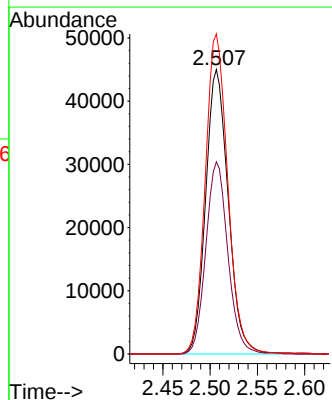
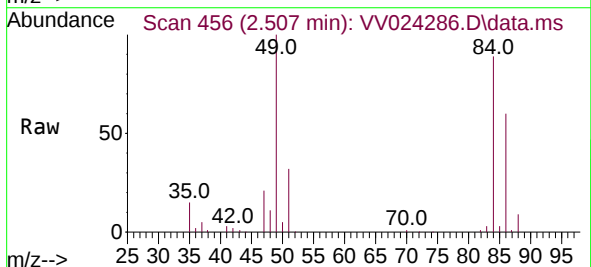
Instrument :
MSVOA_V
ClientSampleId :

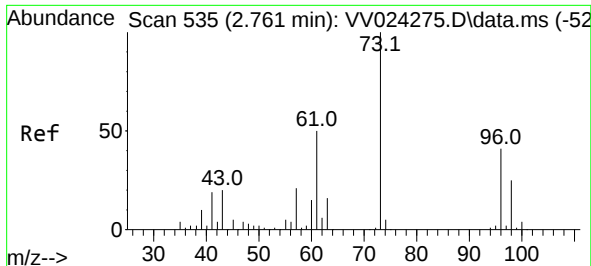
Tgt Ion: 43 Resp: 60181
Ion Ratio Lower Upper
43 100
74 27.5 21.8 32.8



#16
Methylene chloride
Concen: 42.249 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 84 Resp: 74766
Ion Ratio Lower Upper
84 100
86 67.6 46.8 86.8
49 112.5 78.3 145.3





#17

trans-1,2-Dichloroethene

Concen: 42.790 ug/L

RT: 2.761 min Scan# 51

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

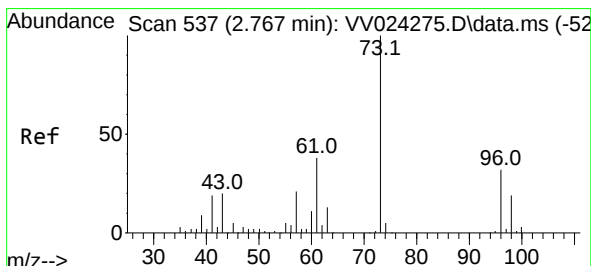
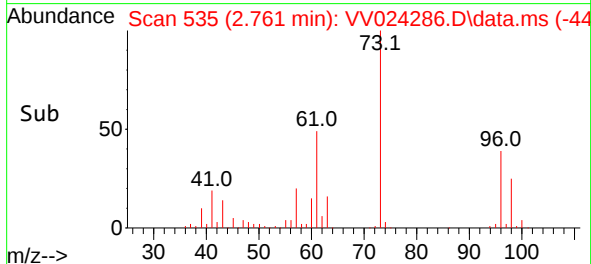
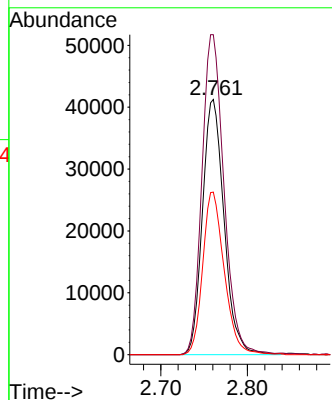
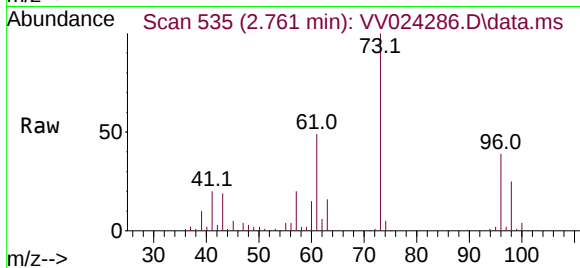
Tgt Ion: 96 Resp: 71653

Ion Ratio Lower Upper

96 100

61 125.4 88.1 163.7

98 63.7 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 44.026 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

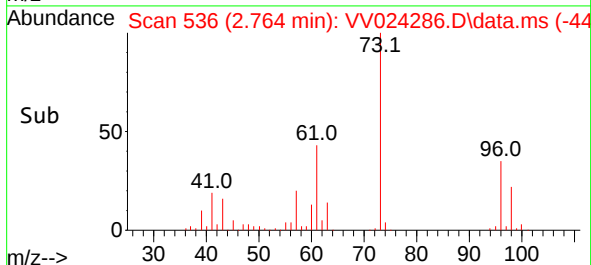
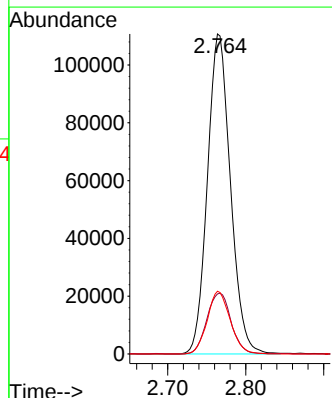
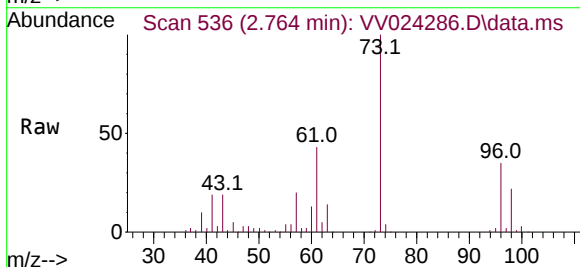
Tgt Ion: 73 Resp: 227212

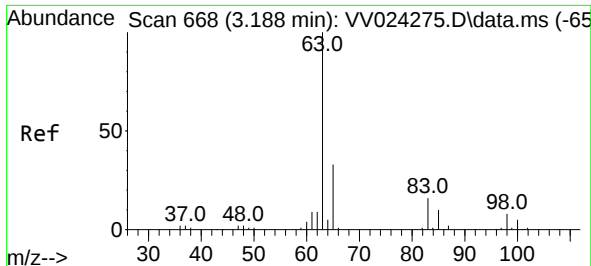
Ion Ratio Lower Upper

73 100

43 20.0 16.2 24.2

57 19.6 15.9 23.9





#19

1,1-Dichloroethane

Concen: 43.689 ug/L

RT: 3.188 min Scan# 668

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

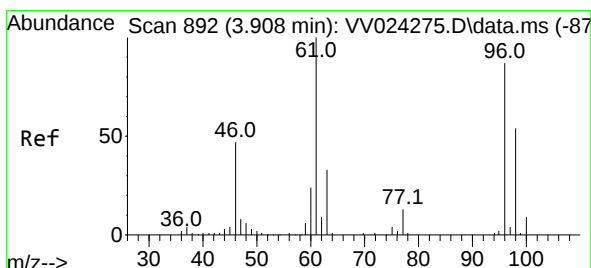
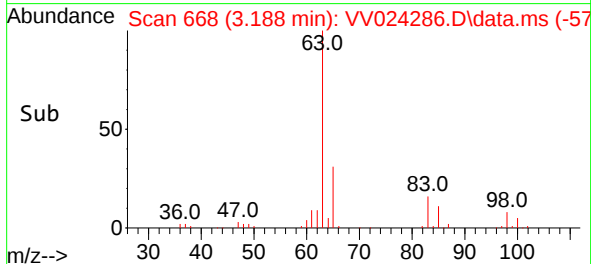
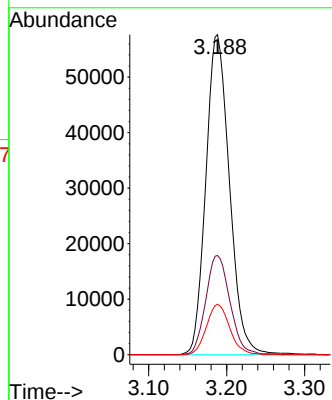
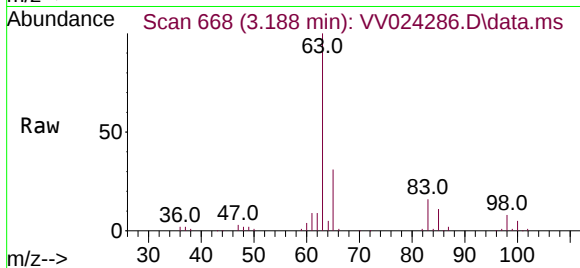
Tgt Ion: 63 Resp: 121344

Ion Ratio Lower Upper

63 100

65 31.0 22.4 41.6

83 15.7 10.6 19.6



#20

cis-1,2-Dichloroethene

Concen: 43.727 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

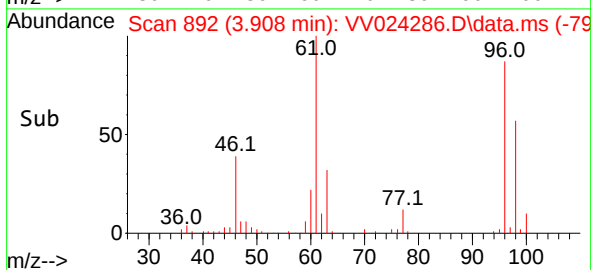
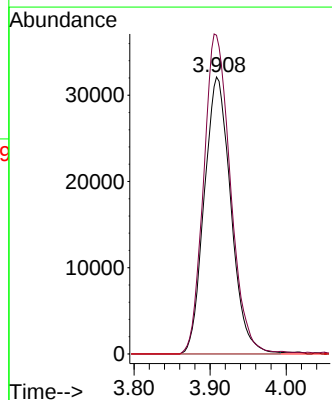
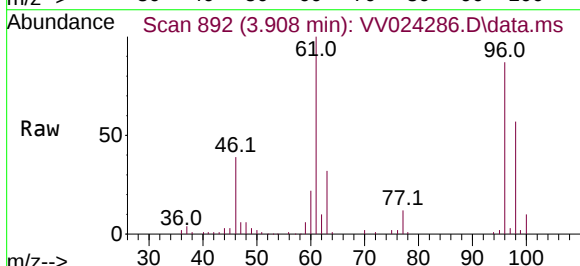
Tgt Ion: 96 Resp: 78201

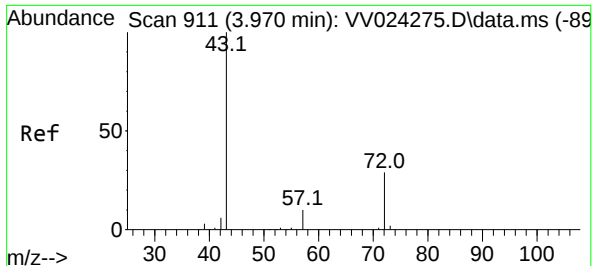
Ion Ratio Lower Upper

96 100

61 115.1 82.9 153.9

68 0.0 0.0 0.0

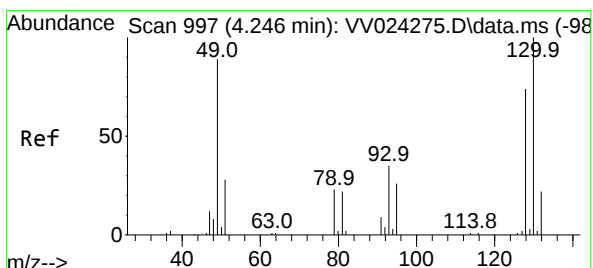
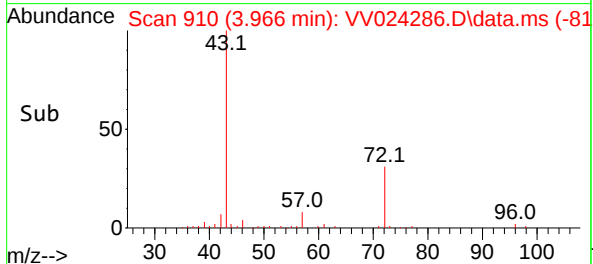
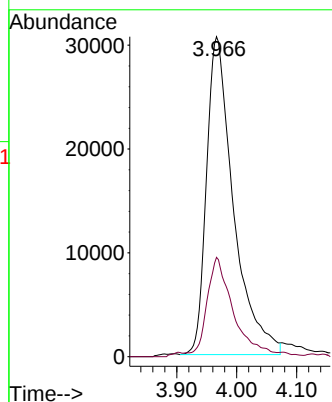
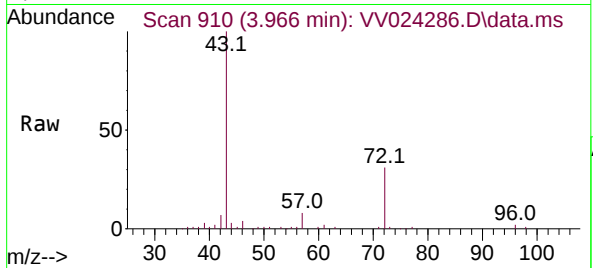




#22
2-Butanone
Concen: 85.216 ug/L
RT: 3.966 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

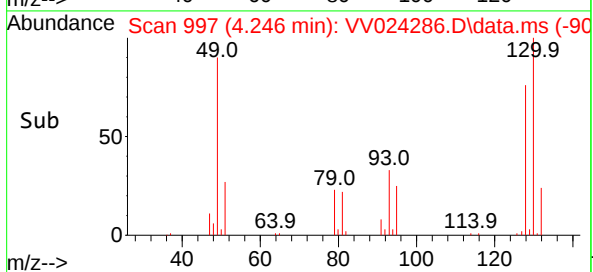
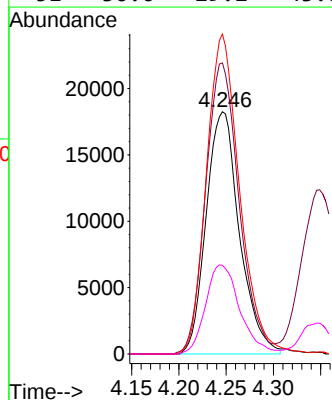
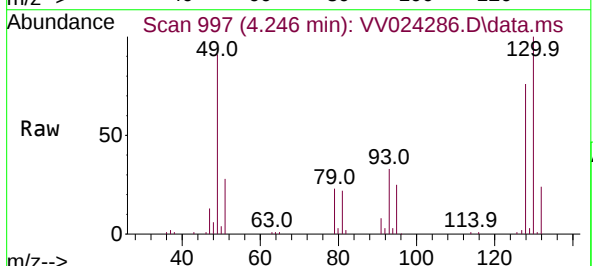
Instrument :
MSVOA_V
ClientSampleId :

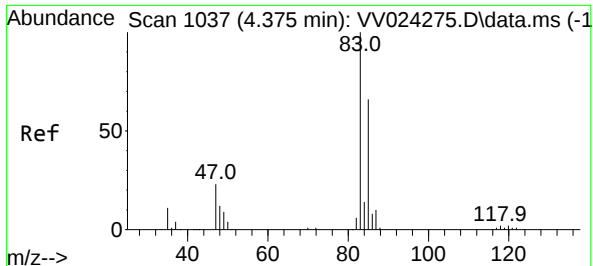
Tgt Ion: 43 Resp: 95607
Ion Ratio Lower Upper
43 100
72 28.2 14.9 44.9



#23
Bromochloromethane
Concen: 43.317 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 128 Resp: 44637
Ion Ratio Lower Upper
128 100
49 120.2 83.1 154.3
130 132.1 87.0 161.6
51 36.6 29.2 43.8





#25

Chloroform

Concen: 43.176 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

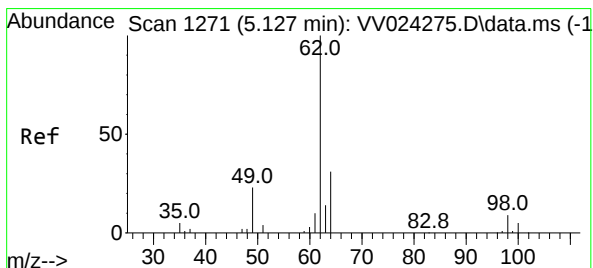
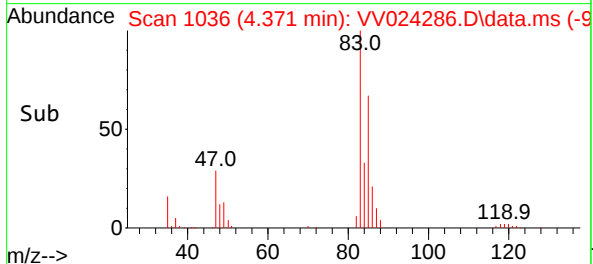
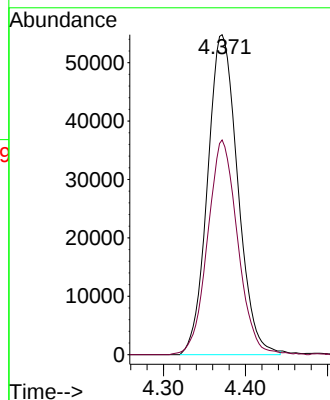
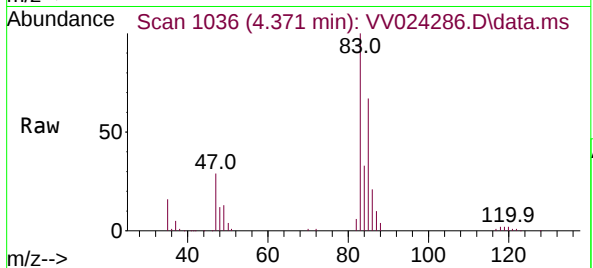
ClientSampleId :

Tgt Ion: 83 Resp: 140209

Ion Ratio Lower Upper

83 100

85 67.1 46.3 85.9



#27

1,2-Dichloroethane

Concen: 43.166 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. 0.000 min

Lab File: VV024286.D

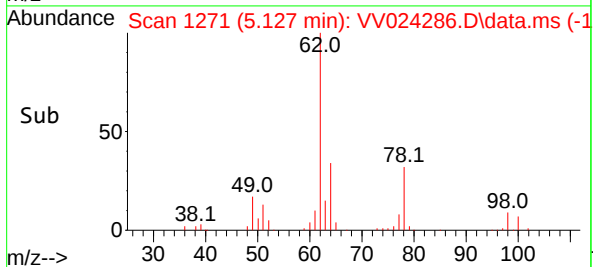
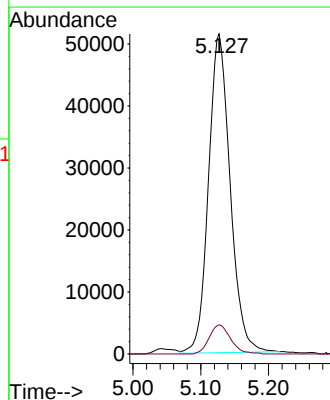
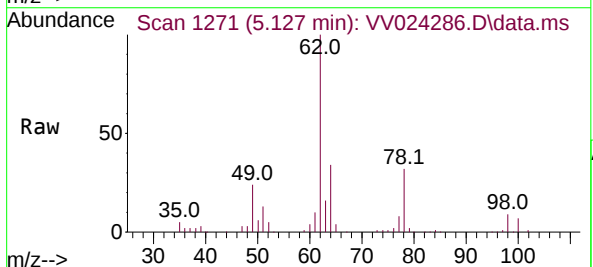
Acq: 06 Jan 2022 10:35

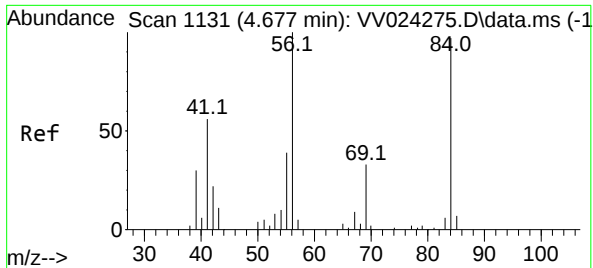
Tgt Ion: 62 Resp: 114015

Ion Ratio Lower Upper

62 100

98 9.1 7.1 10.7

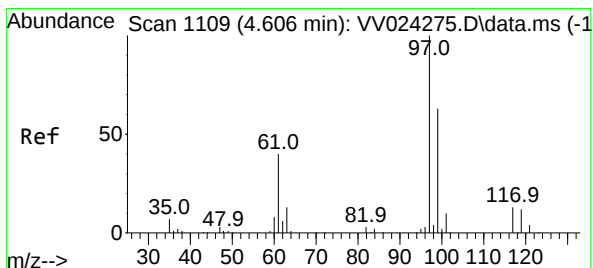
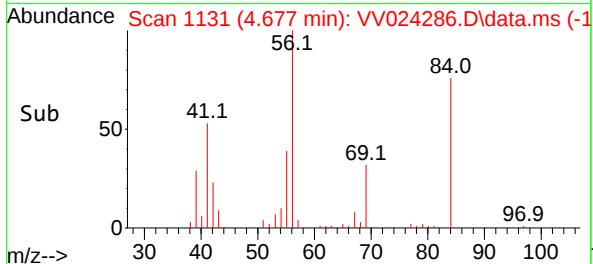
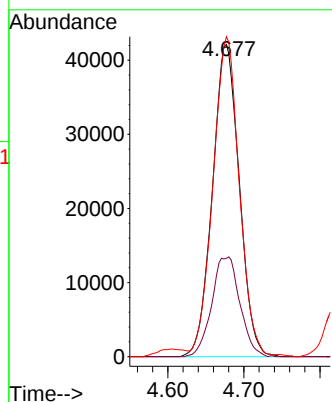
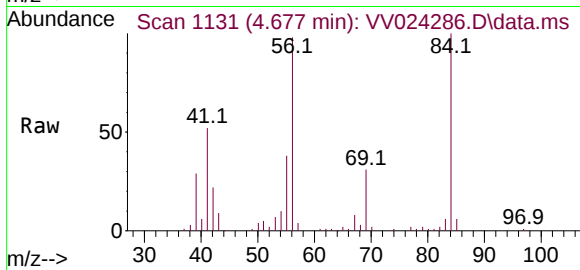




#29
Cyclohexane
Concen: 46.231 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

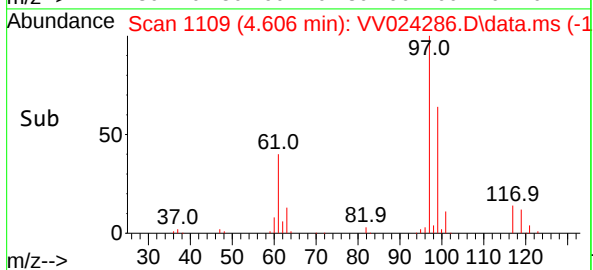
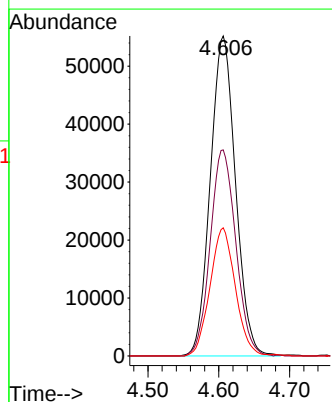
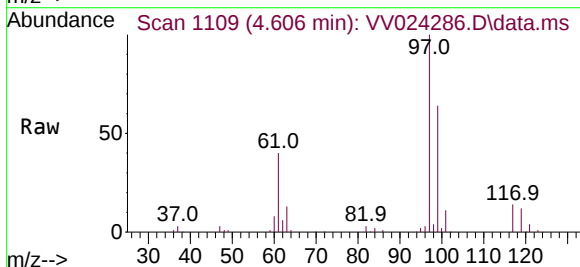
Instrument :
MSVOA_V
ClientSampleId :

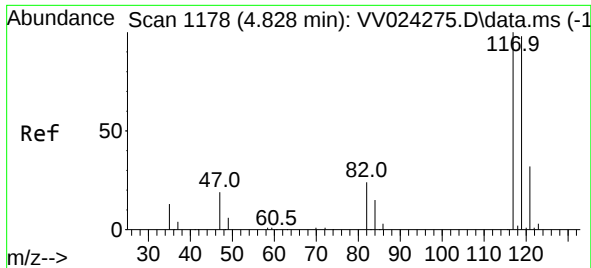
Tgt Ion: 56 Resp: 103347
Ion Ratio Lower Upper
56 100
69 15.9 25.8 38.6#
84 98.5 79.1 118.7



#30
1,1,1-Trichloroethane
Concen: 44.446 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 97 Resp: 136760
Ion Ratio Lower Upper
97 100
99 65.5 51.2 76.8
61 40.1 33.2 49.8

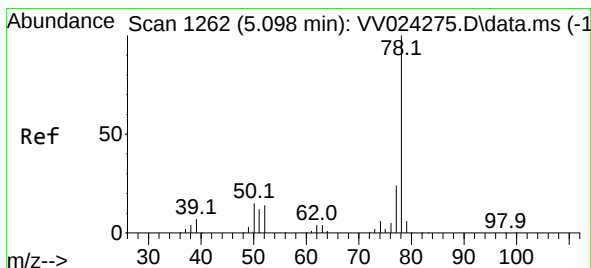
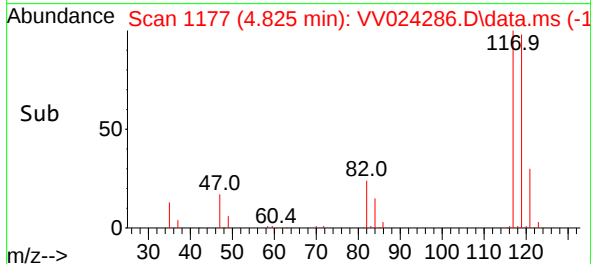
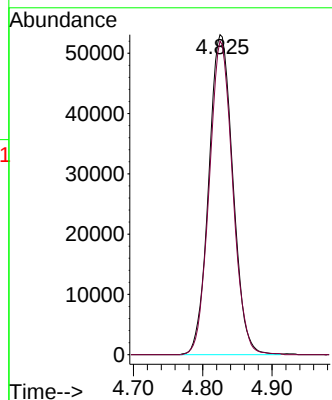
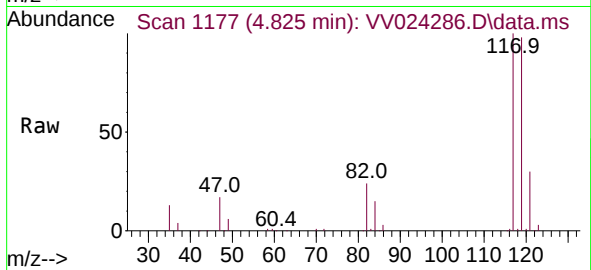




#31
Carbon tetrachloride
Concen: 44.987 ug/L
RT: 4.825 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

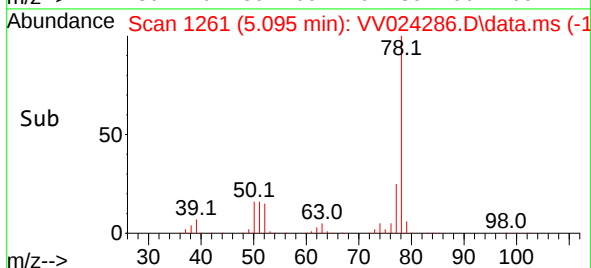
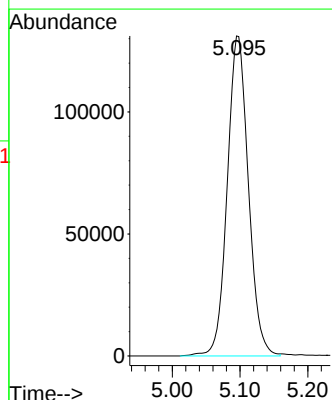
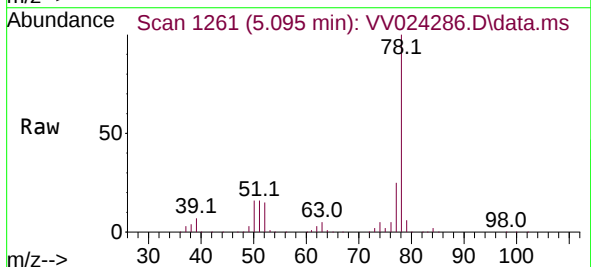
Instrument :
MSVOA_V
ClientSampleId :

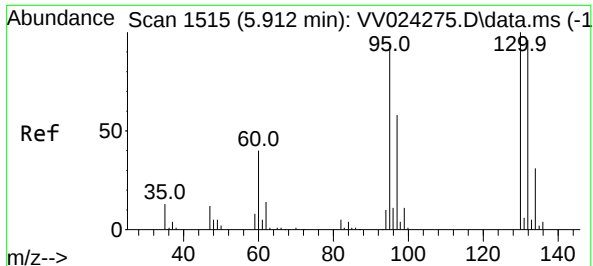
Tgt Ion:117 Resp: 128420
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3



#33
Benzene
Concen: 44.656 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 78 Resp: 283961

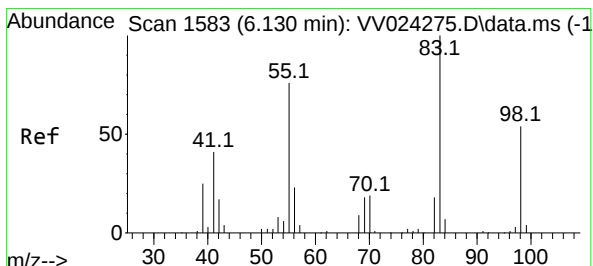
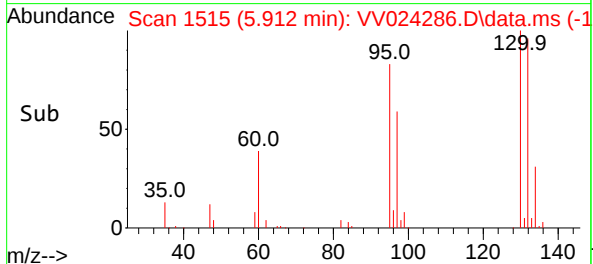
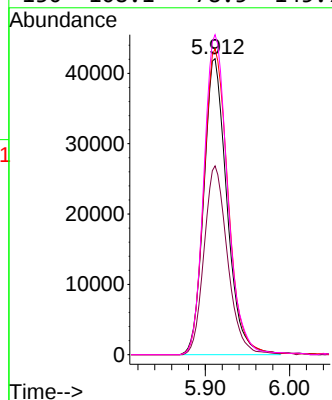
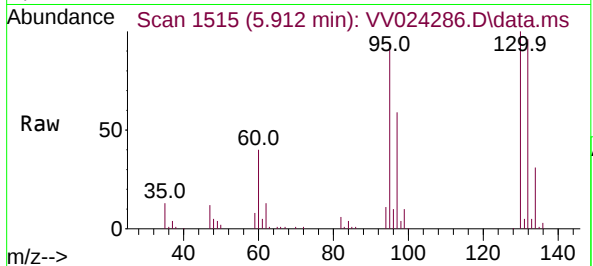




#34
Trichloroethene
Concen: 45.907 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

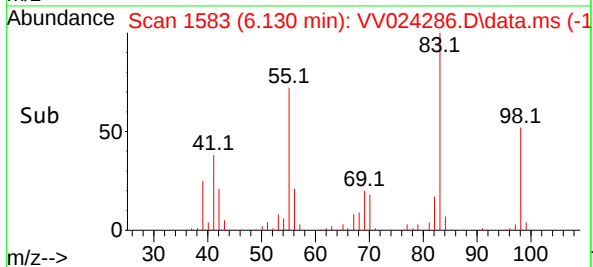
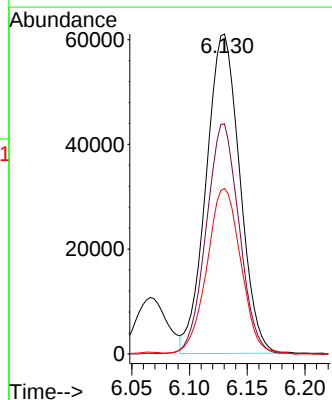
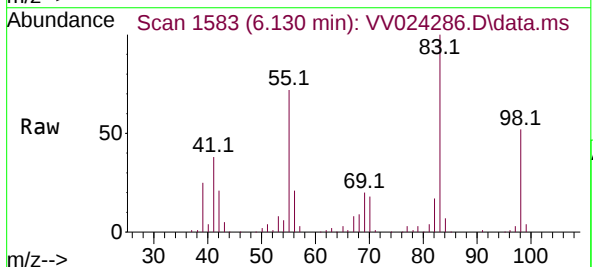
Instrument :
MSVOA_V
ClientSampleId :

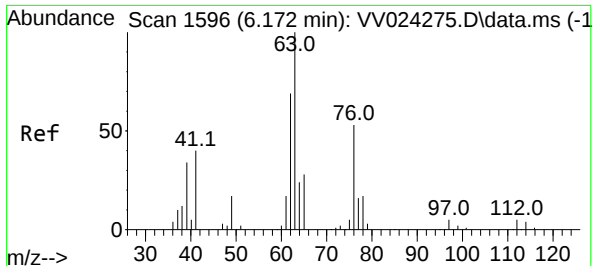
Tgt Ion: 95 Resp: 80499
Ion Ratio Lower Upper
95 100
97 63.8 44.1 81.9
132 103.3 75.1 139.5
130 108.1 78.5 145.7



#35
Methylcyclohexane
Concen: 47.523 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 83 Resp: 123589
Ion Ratio Lower Upper
83 100
55 70.5 55.6 83.4
98 52.3 41.3 61.9





#37

1,2-Dichloropropane

Concen: 44.301 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

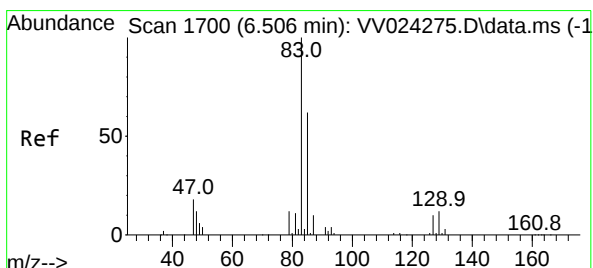
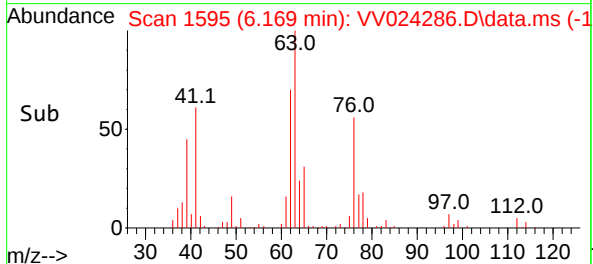
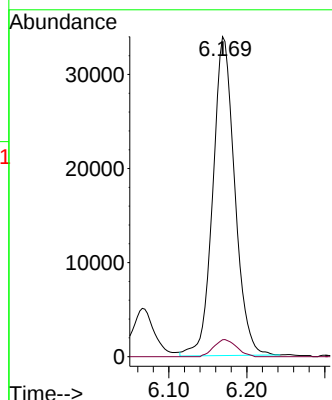
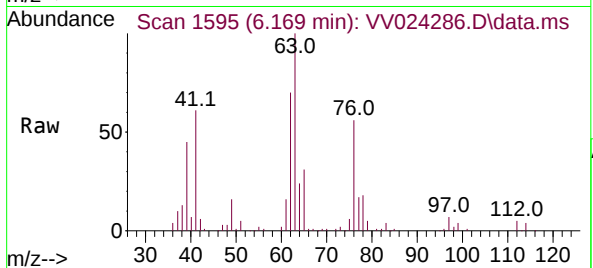
ClientSampleId :

Tgt Ion: 63 Resp: 66258

Ion Ratio Lower Upper

63 100

112 5.6 4.7 7.1



#38

Bromodichloromethane

Concen: 44.639 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

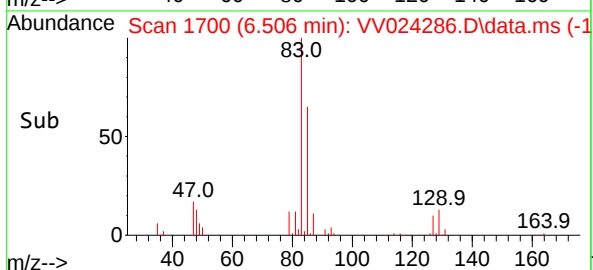
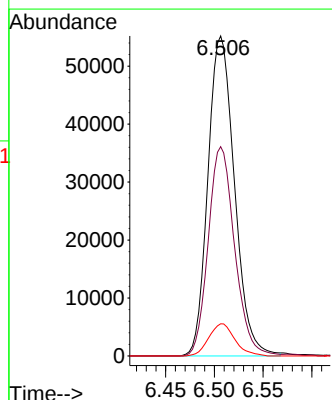
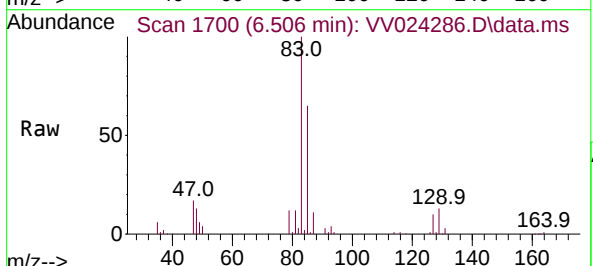
Tgt Ion: 83 Resp: 104768

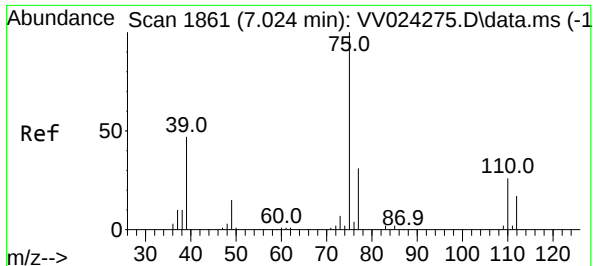
Ion Ratio Lower Upper

83 100

85 65.4 45.2 84.0

127 10.1 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 46.268 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

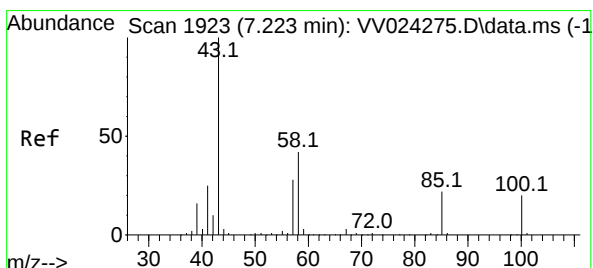
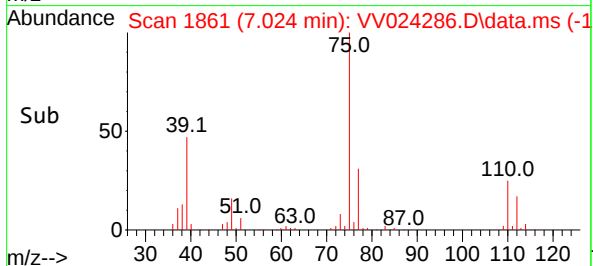
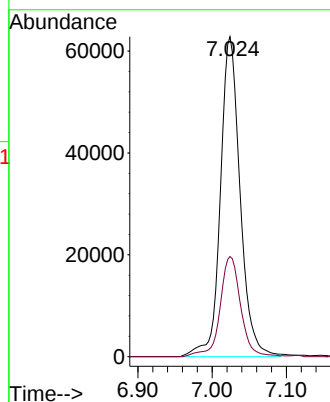
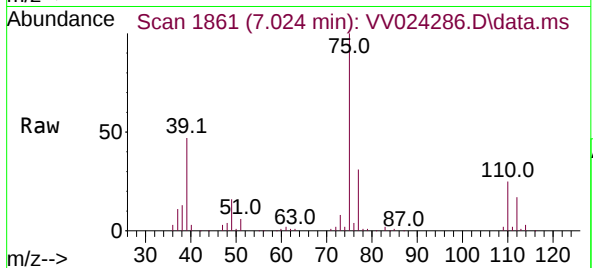
ClientSampleId :

Tgt Ion: 75 Resp: 116326

Ion Ratio Lower Upper

75 100

77 31.3 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 84.836 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

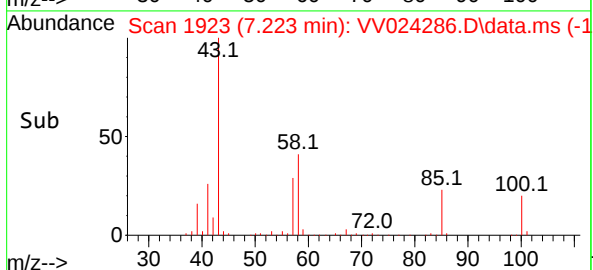
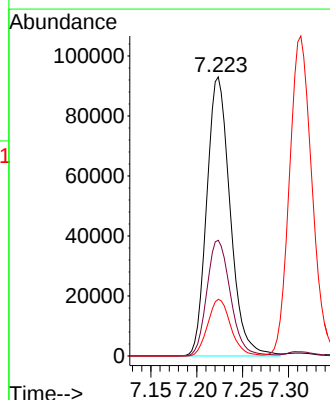
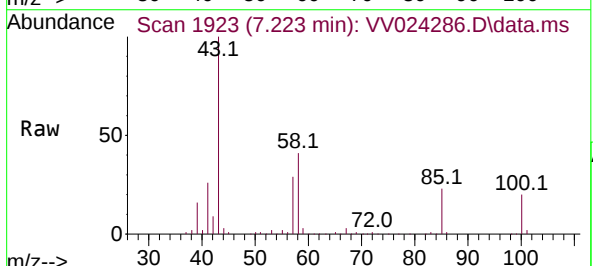
Tgt Ion: 43 Resp: 165456

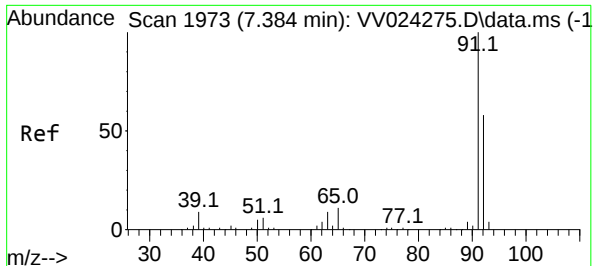
Ion Ratio Lower Upper

43 100

58 41.8 33.0 49.4

100 19.9 16.0 24.0





#42

Toluene

Concen: 45.919 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

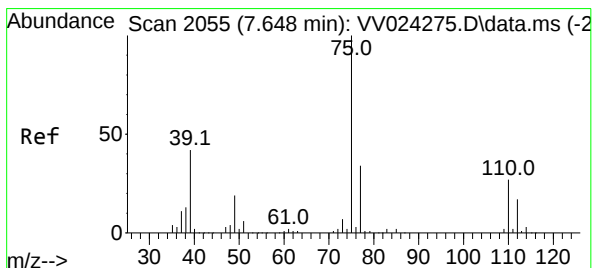
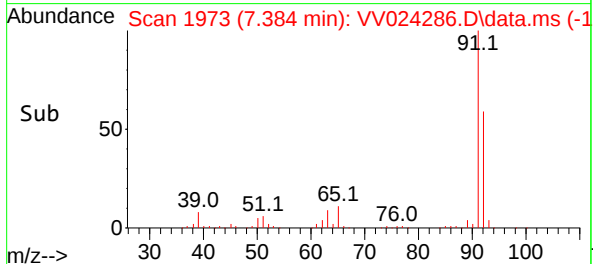
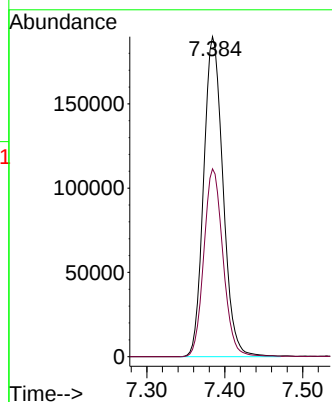
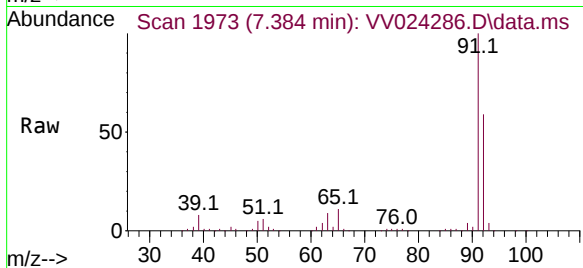
ClientSampleId :

Tgt Ion: 91 Resp: 327766

Ion Ratio Lower Upper

91 100

92 58.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 46.399 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. 0.000 min

Lab File: VV024286.D

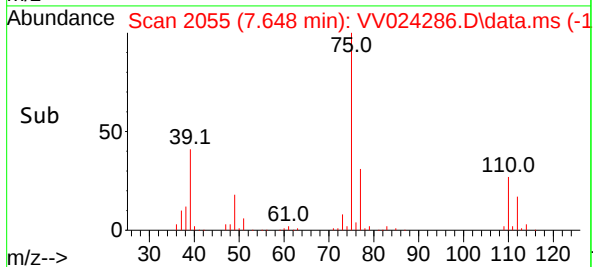
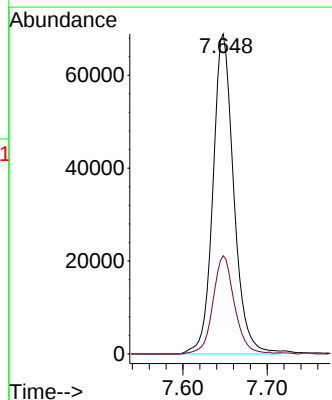
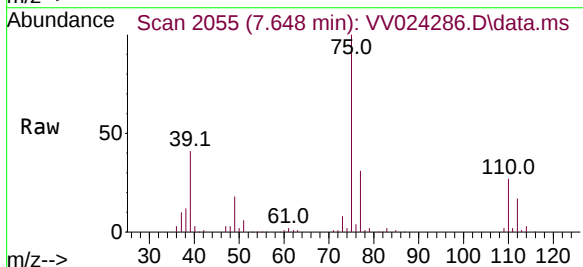
Acq: 06 Jan 2022 10:35

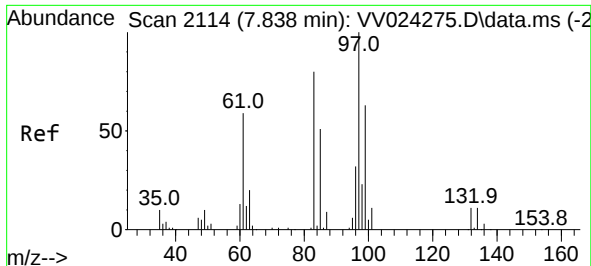
Tgt Ion: 75 Resp: 118336

Ion Ratio Lower Upper

75 100

77 30.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 43.961 ug/L

RT: 7.834 min Scan# 2113

Delta R.T. -0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 73710

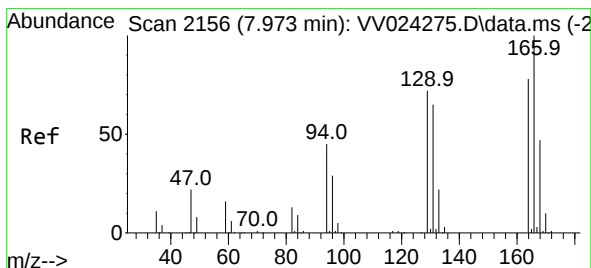
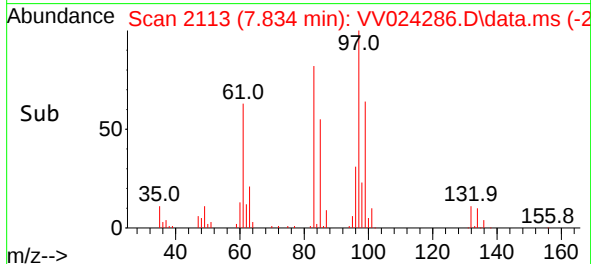
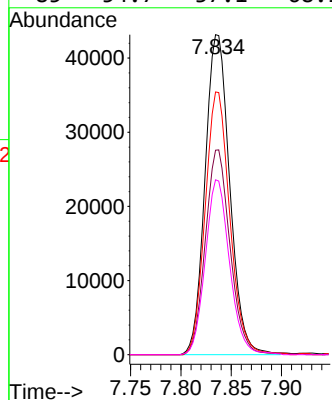
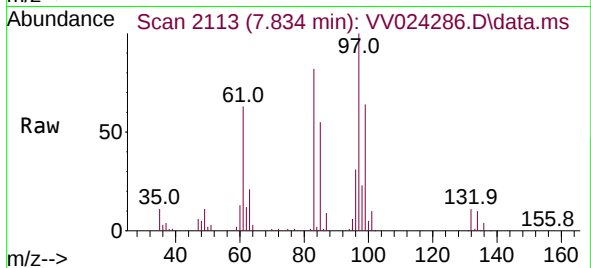
Ion Ratio Lower Upper

97 100

99 63.9 42.4 78.8

83 82.1 57.9 107.5

85 54.7 37.1 68.9



#46

Tetrachloroethene

Concen: 46.251 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Tgt Ion:164 Resp: 73818

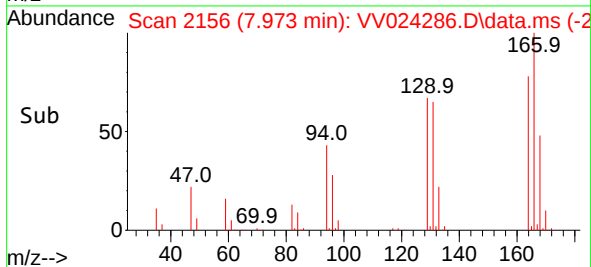
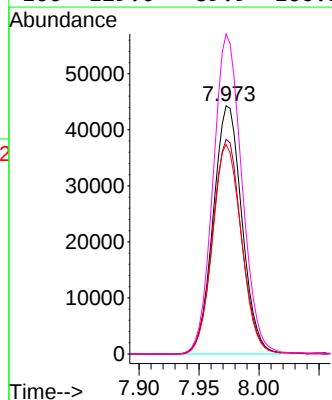
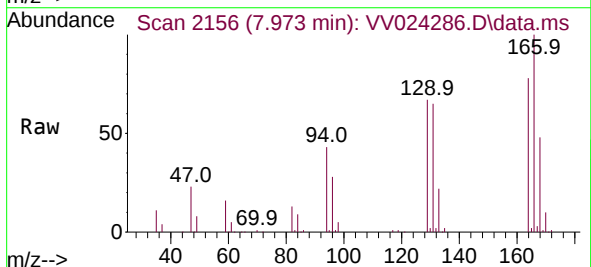
Ion Ratio Lower Upper

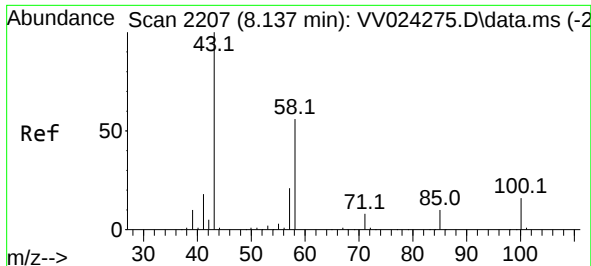
164 100

129 86.4 61.5 114.1

131 84.4 62.2 115.4

166 129.0 89.9 166.9

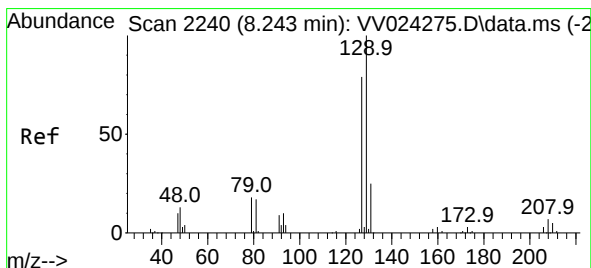
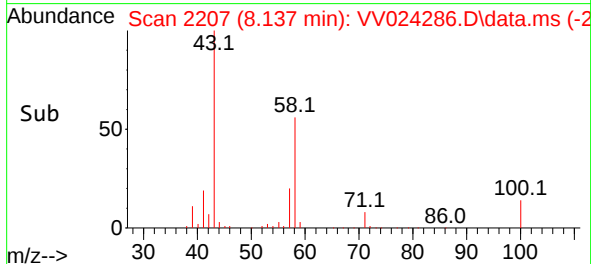
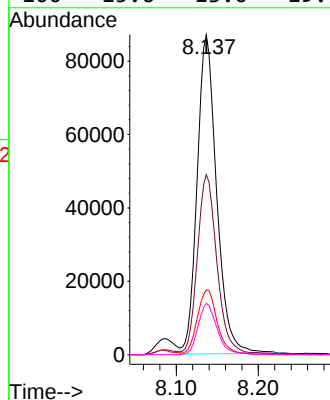
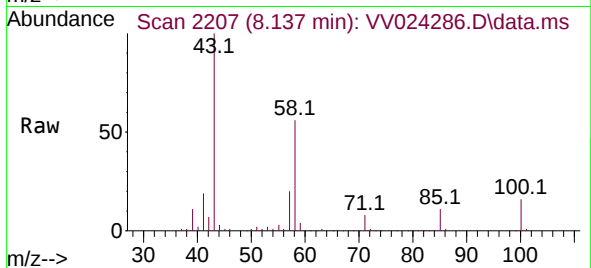




#48
2-Hexanone
Concen: 91.864 ug/L
RT: 8.137 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

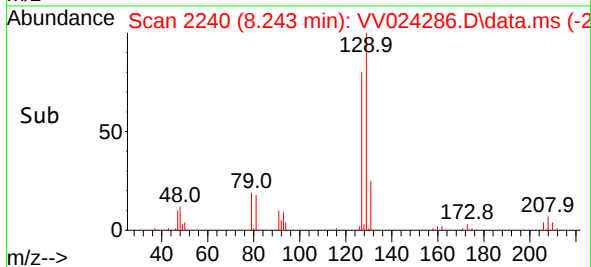
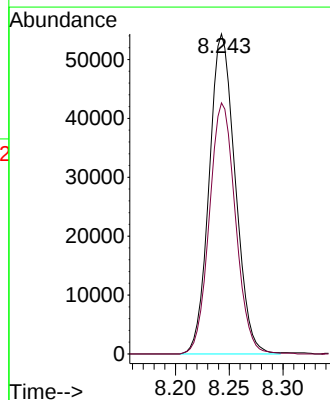
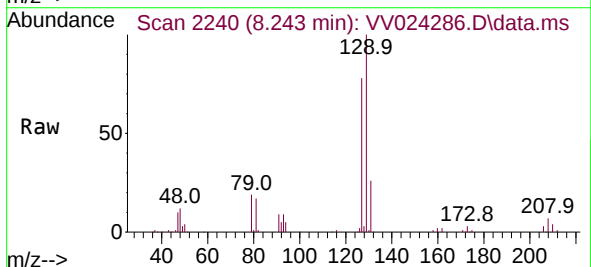
Instrument :
MSVOA_V
ClientSampleId :

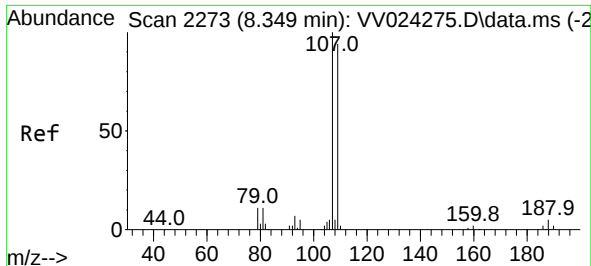
Tgt Ion: 43	Resp: 143902
Ion Ratio	Lower Upper
43 100	
58 55.1	45.0 67.4
57 20.6	16.9 25.3
100 15.6	13.0 19.4



#49
Dibromochloromethane
Concen: 43.511 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion:129	Resp: 91448		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	53.7	99.7	





#50

1,2-Dibromoethane

Concen: 44.511 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024286.D

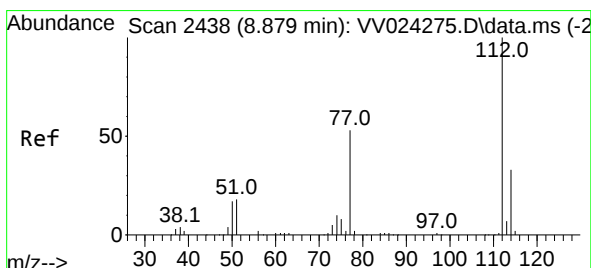
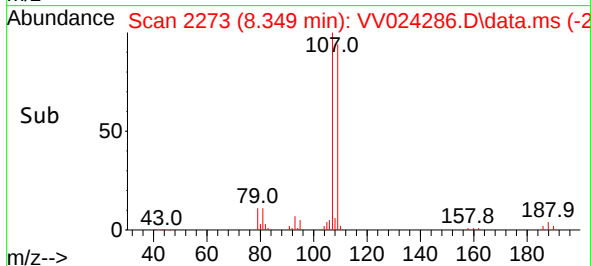
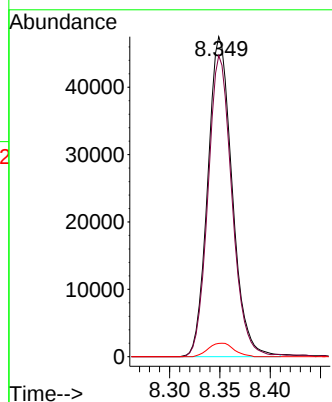
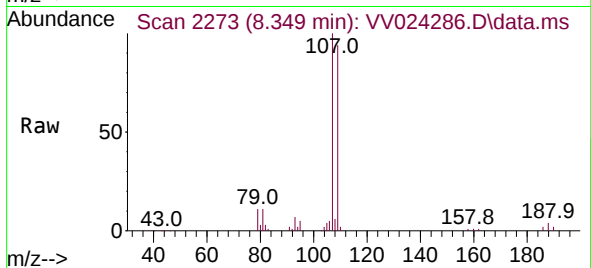
Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	80160
Ion	Ratio	Lower Upper
107	100	
109	94.1	65.8 122.2
188	4.1	3.8 5.6



#51

Chlorobenzene

Concen: 45.171 ug/L

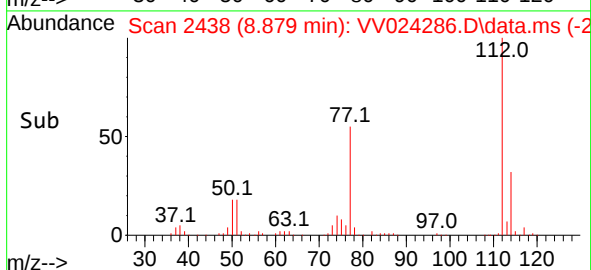
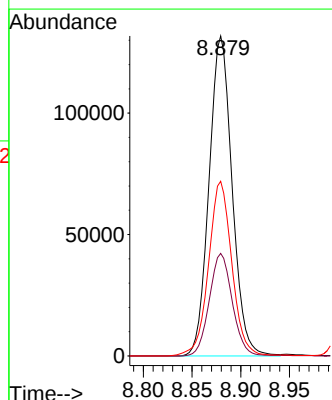
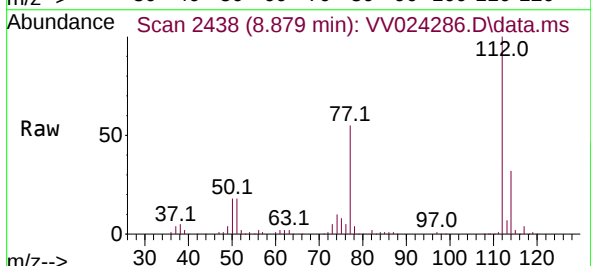
RT: 8.879 min Scan# 2438

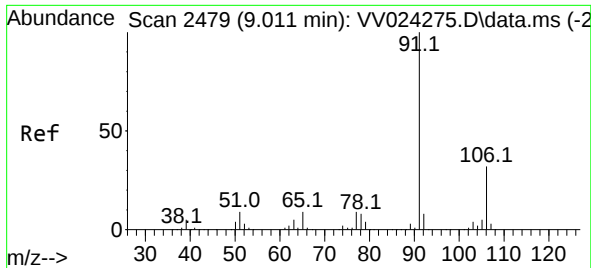
Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Tgt Ion:112	Resp:	217170
Ion	Ratio	Lower Upper
112	100	
114	32.0	22.3 41.5
77	54.6	42.8 64.2

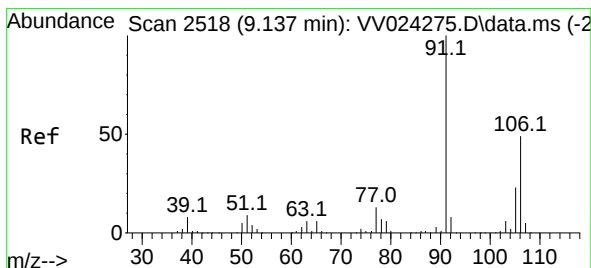
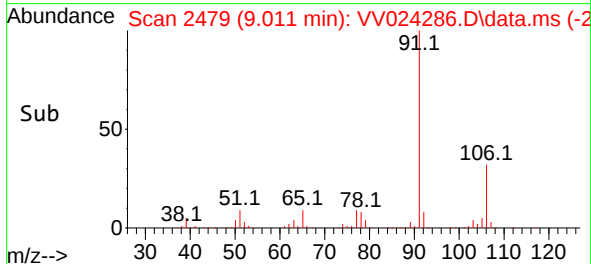
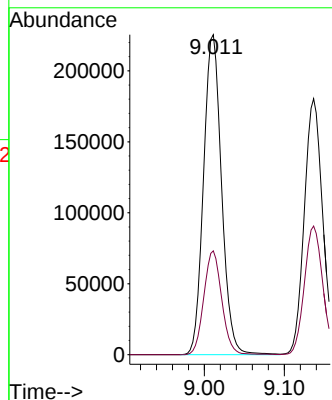
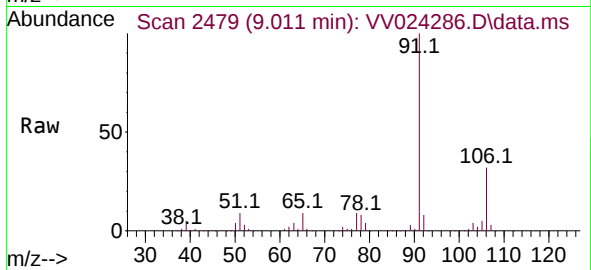




#52
Ethylbenzene
Concen: 46.449 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

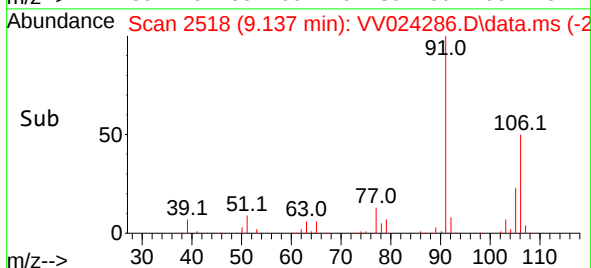
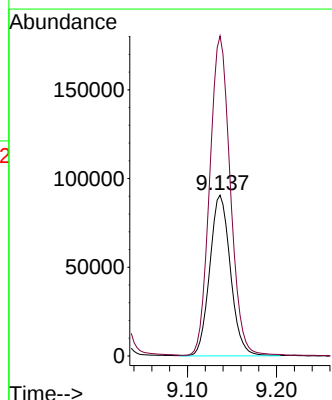
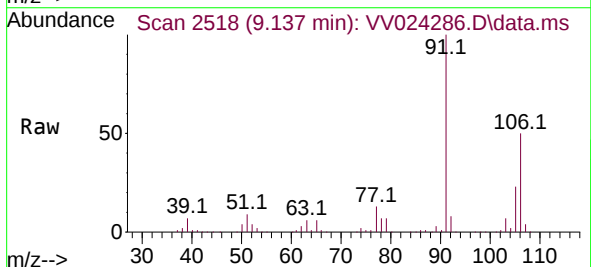
Instrument :
MSVOA_V
ClientSampleId :

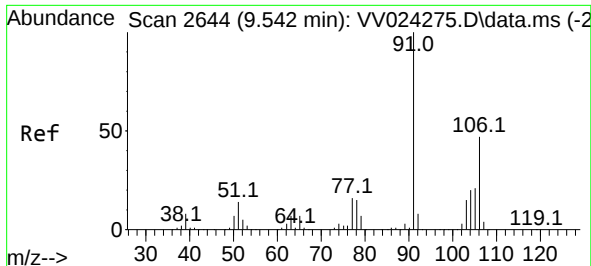
Tgt Ion: 91 Resp: 354203
Ion Ratio Lower Upper
91 100
106 32.5 22.0 41.0



#53
m,p-Xylene
Concen: 47.748 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 106 Resp: 145946
Ion Ratio Lower Upper
106 100
91 199.1 141.8 263.4

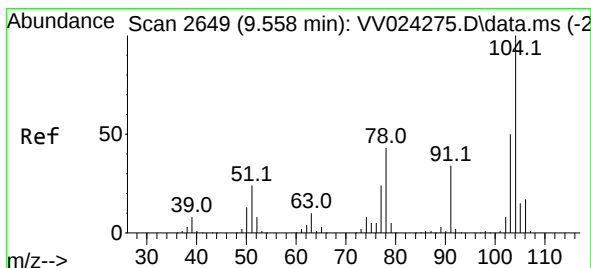
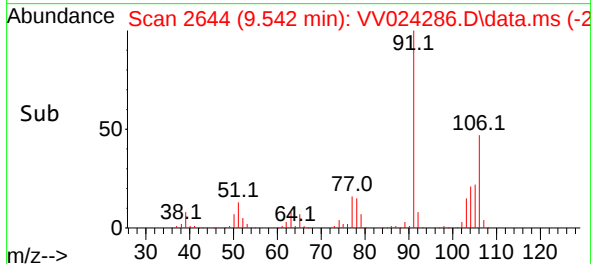
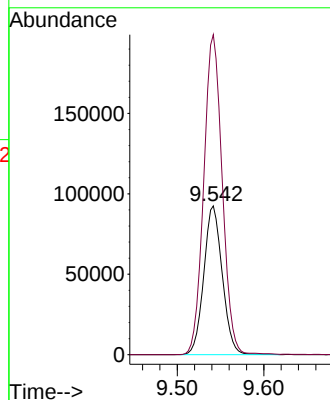
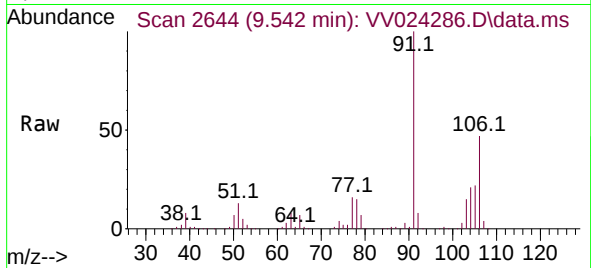




#54
o-Xylene
Concen: 47.027 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

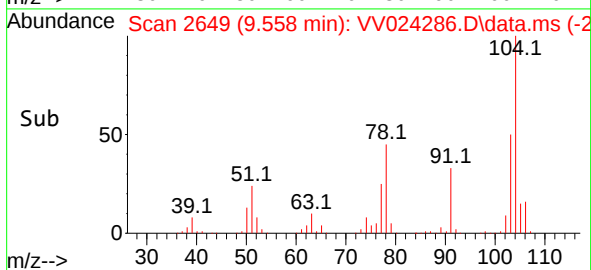
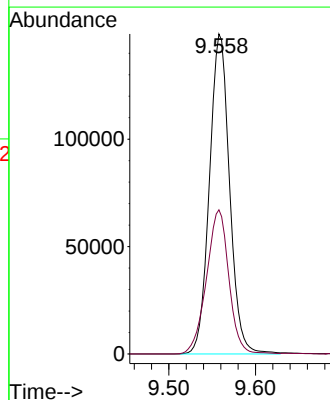
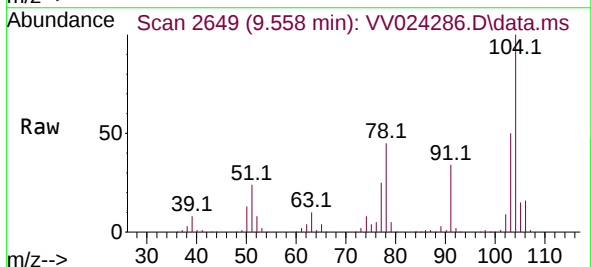
Instrument :
MSVOA_V
ClientSampleId :

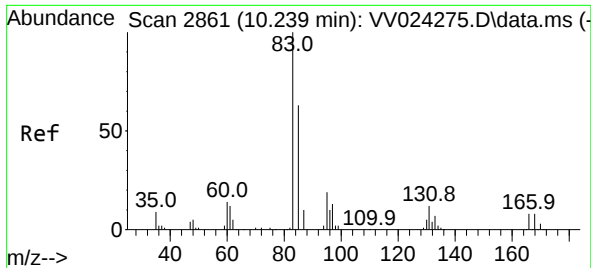
Tgt Ion:106 Resp: 137216
Ion Ratio Lower Upper
106 100
91 215.0 150.9 280.3



#55
Styrene
Concen: 47.484 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion:104 Resp: 240602
Ion Ratio Lower Upper
104 100
78 45.1 31.5 58.5

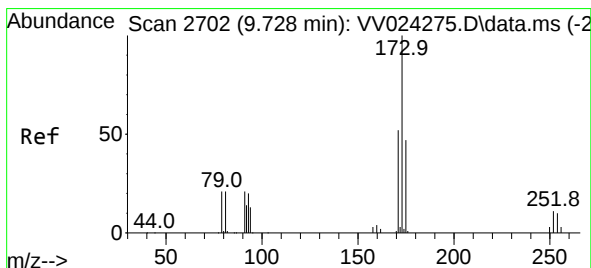
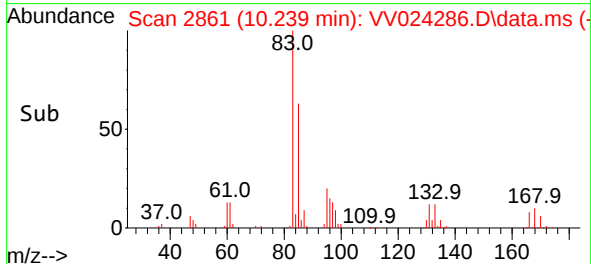
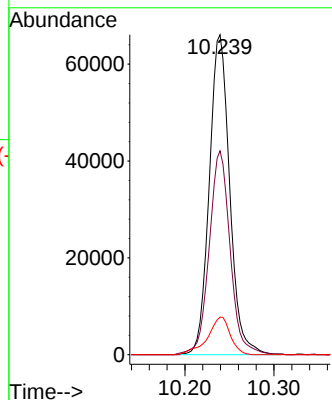
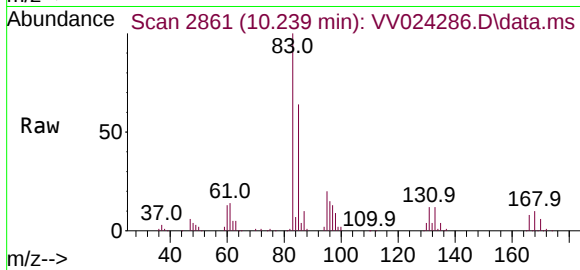




#57
 1,1,2,2-Tetrachloroethane
 Concen: 42.932 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

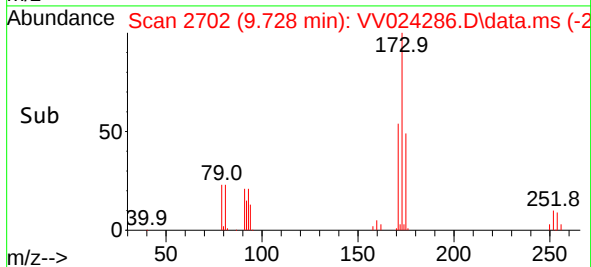
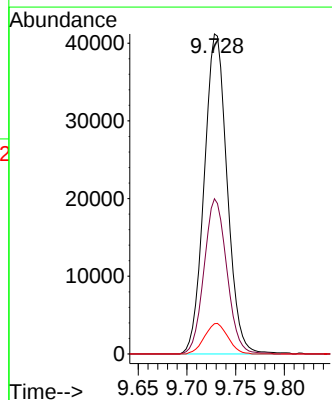
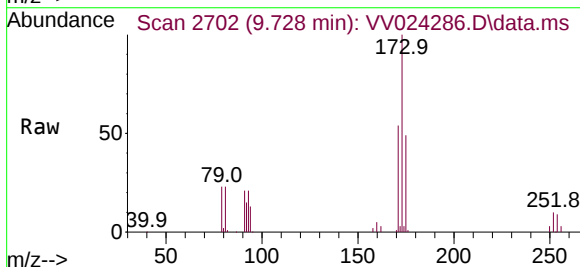
Instrument :
 MSVOA_V
 ClientSampleId :

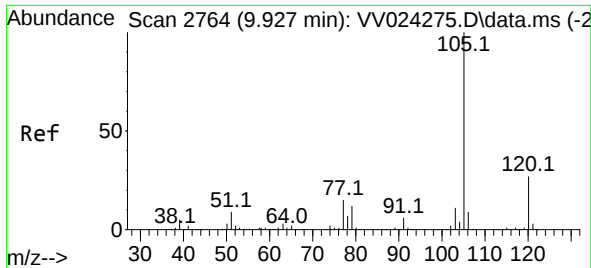
Tgt Ion: 83 Resp: 105111
 Ion Ratio Lower Upper
 83 100
 85 63.7 44.5 82.7
 131 11.7 9.2 13.8



#59
 Bromoform
 Concen: 40.319 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. 0.000 min
 Lab File: VV024286.D
 Acq: 06 Jan 2022 10:35

Tgt Ion: 173 Resp: 67592
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.4 59.2
 254 9.7 7.8 11.6

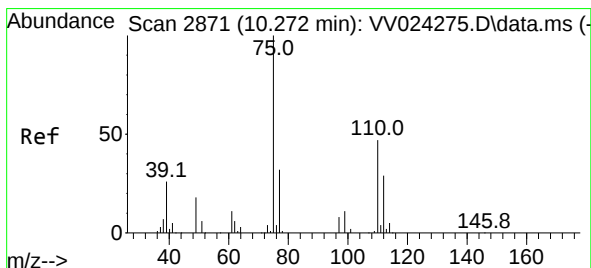
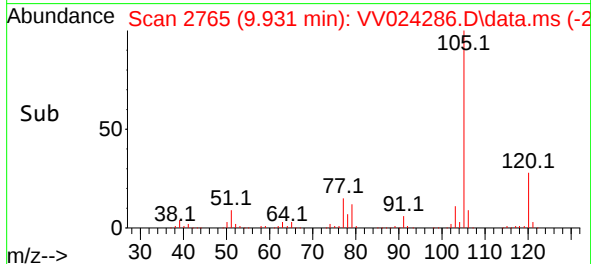
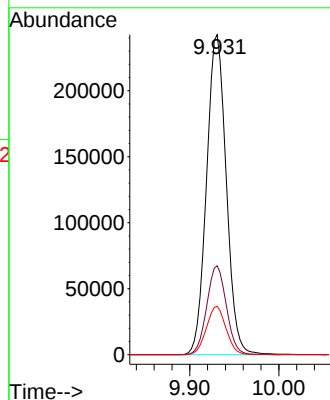
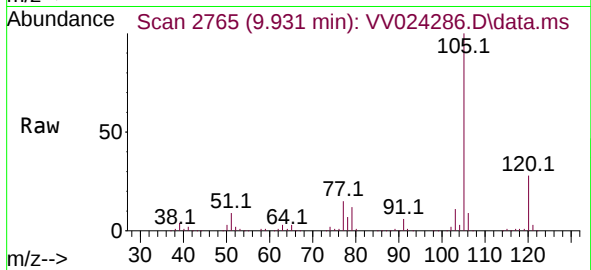




#60
Isopropylbenzene
Concen: 45.750 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

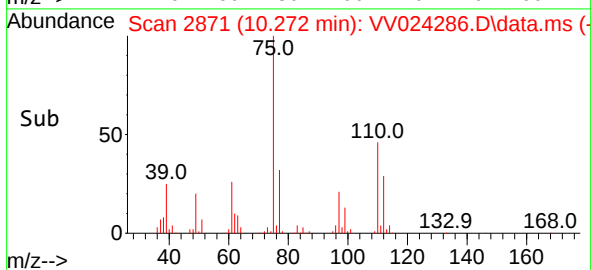
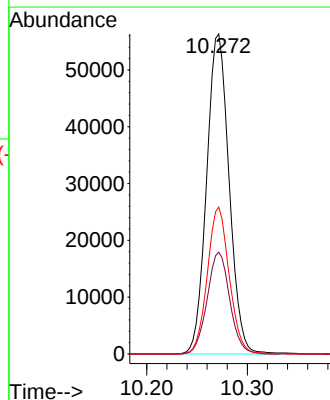
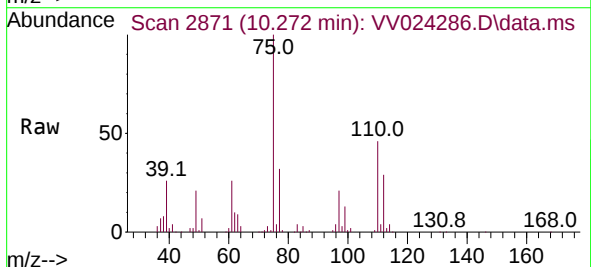
Instrument :
MSVOA_V
ClientSampleId :

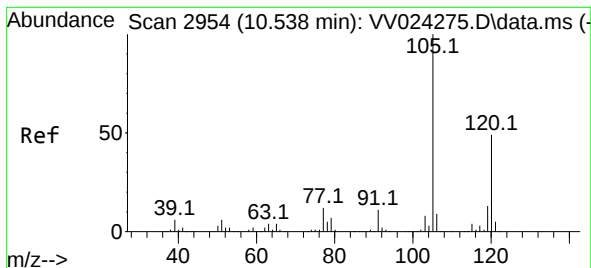
Tgt Ion:105 Resp: 372189
Ion Ratio Lower Upper
105 100
120 27.6 21.9 32.9
77 15.0 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 40.473 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 75 Resp: 87373
Ion Ratio Lower Upper
75 100
77 32.0 26.9 40.3
110 44.8 37.1 55.7





#62

1,3,5-Trimethylbenzene

Concen: 46.584 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

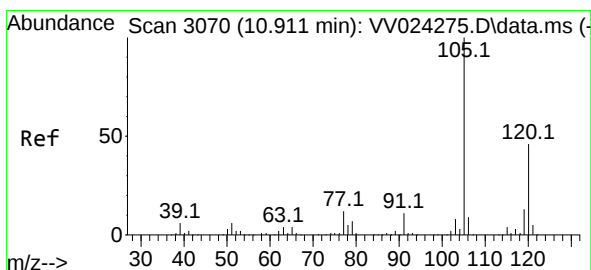
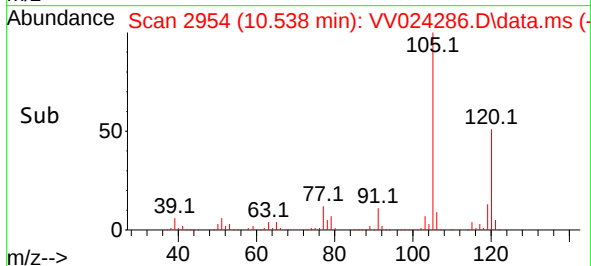
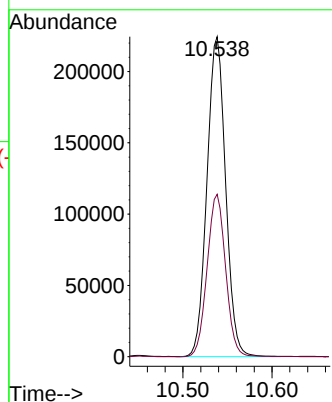
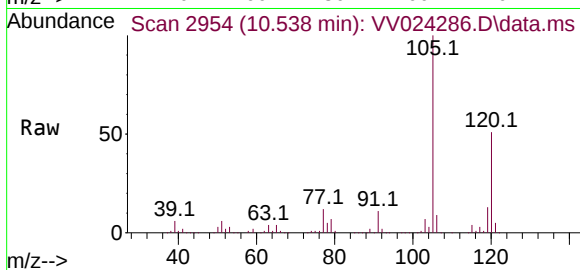
ClientSampleId :

Tgt Ion:105 Resp: 325992

Ion Ratio Lower Upper

105 100

120 50.3 39.4 59.2



#63

1,2,4-Trimethylbenzene

Concen: 47.038 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024286.D

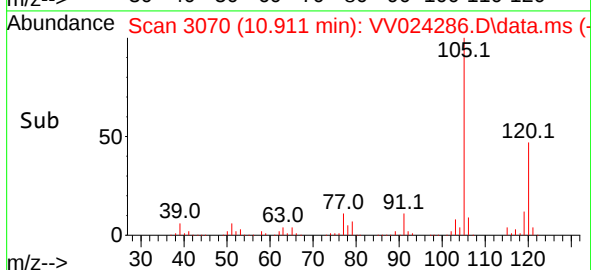
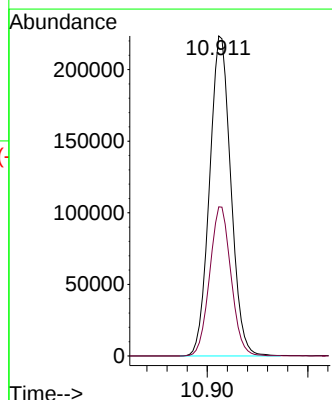
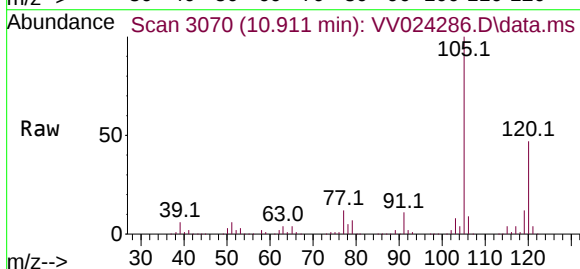
Acq: 06 Jan 2022 10:35

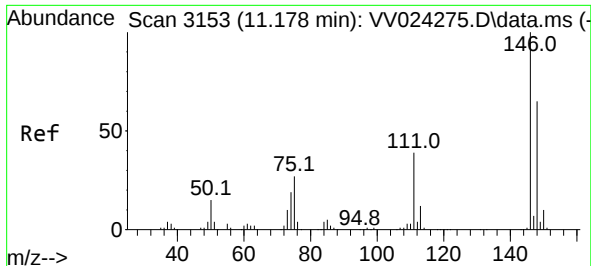
Tgt Ion:105 Resp: 328623

Ion Ratio Lower Upper

105 100

120 46.7 36.6 55.0

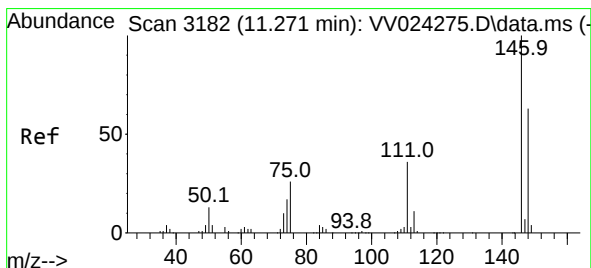
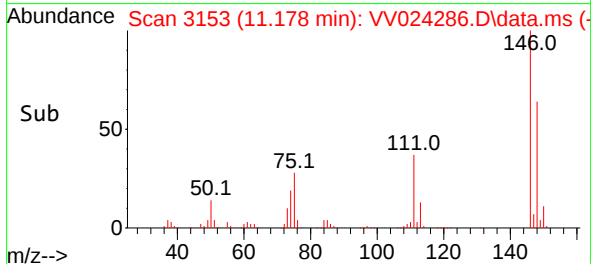
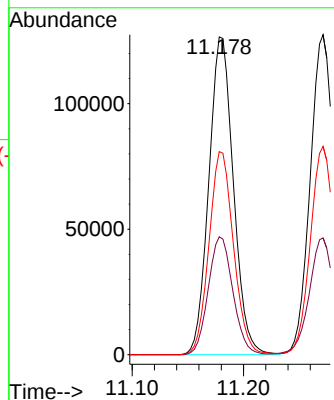
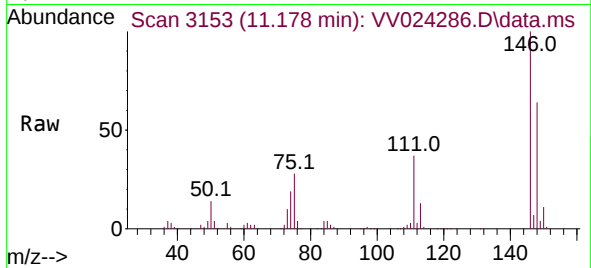




#64
1,3-Dichlorobenzene
Concen: 46.302 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

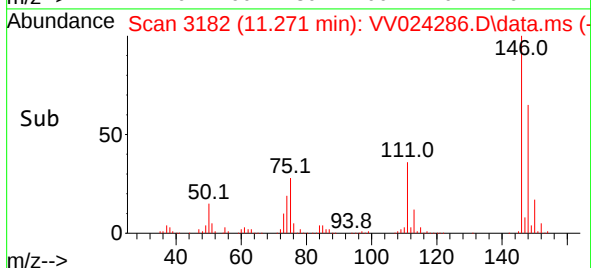
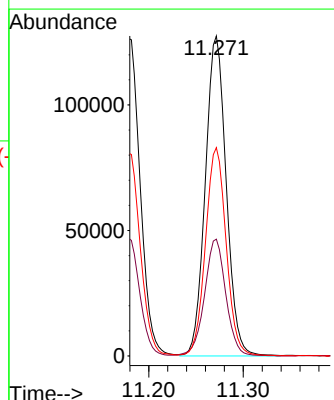
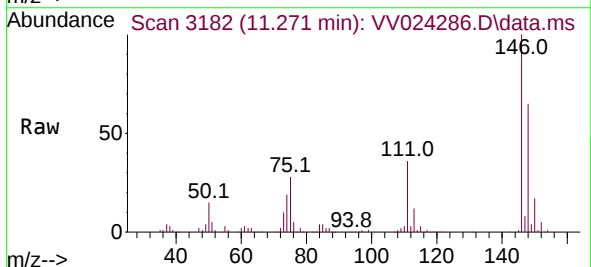
Instrument :
MSVOA_V
ClientSampleId :

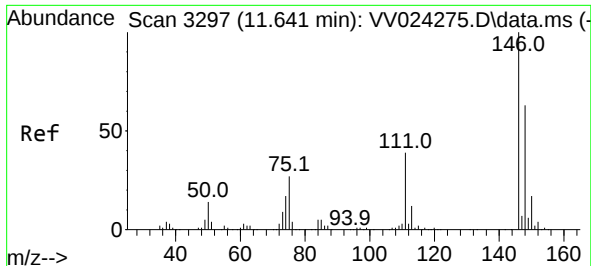
Tgt Ion:146 Resp: 194222
Ion Ratio Lower Upper
146 100
111 37.1 26.5 49.3
148 63.9 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 45.353 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion:146 Resp: 196191
Ion Ratio Lower Upper
146 100
111 36.5 26.5 49.3
148 65.1 44.9 83.5

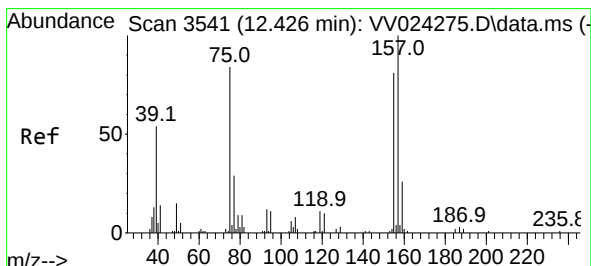
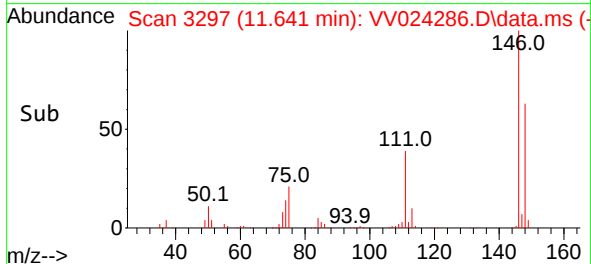
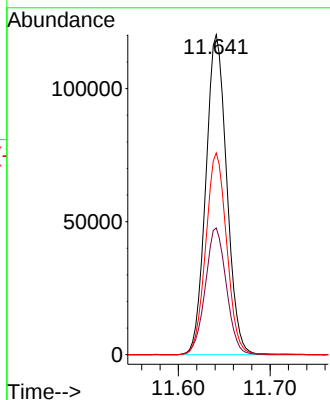
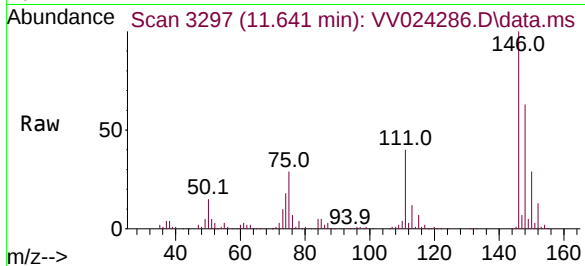




#67
1,2-Dichlorobenzene
Concen: 44.035 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

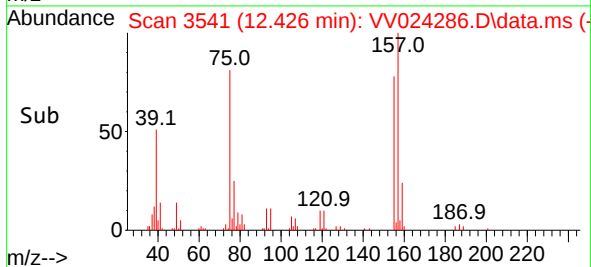
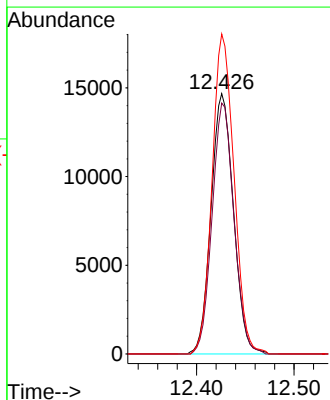
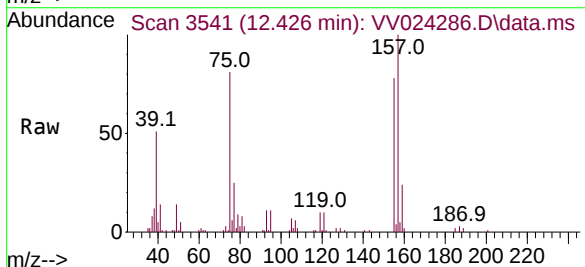
Instrument :
MSVOA_V
ClientSampleId :

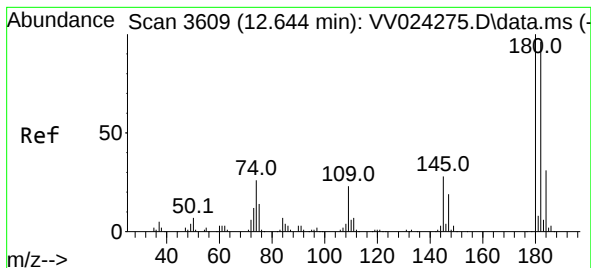
Tgt Ion:146 Resp: 190369
Ion Ratio Lower Upper
146 100
111 39.6 32.0 48.0
148 63.0 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 37.685 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024286.D
Acq: 06 Jan 2022 10:35

Tgt Ion: 75 Resp: 23431
Ion Ratio Lower Upper
75 100
155 96.4 73.2 109.8
157 122.9 98.5 147.7





#69

1,3,5-Trichlorobenzene

Concen: 46.664 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

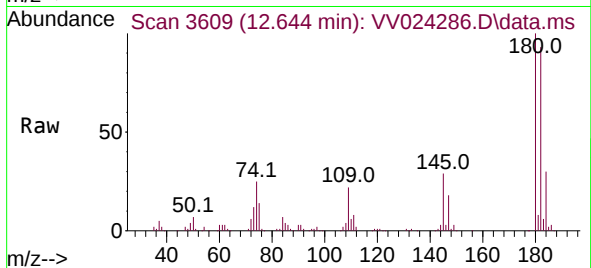
Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 150561

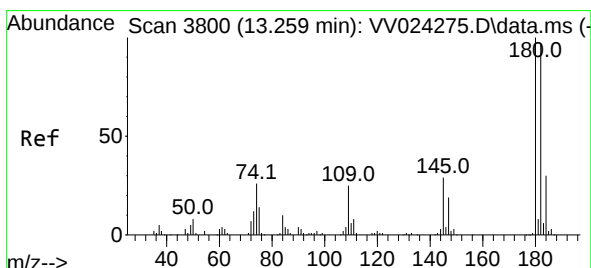
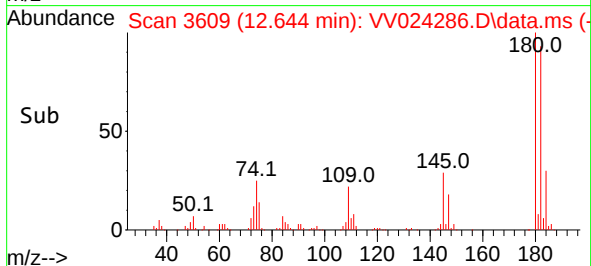
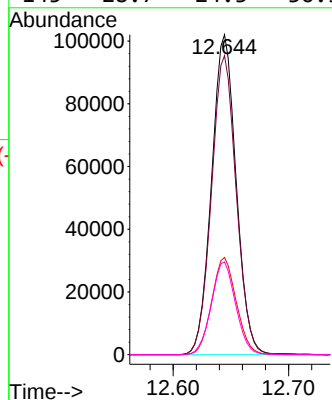
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

184 30.5 24.7 37.1

145 28.7 24.3 36.5



#70

1,2,4-trichlorobenzene

Concen: 45.716 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

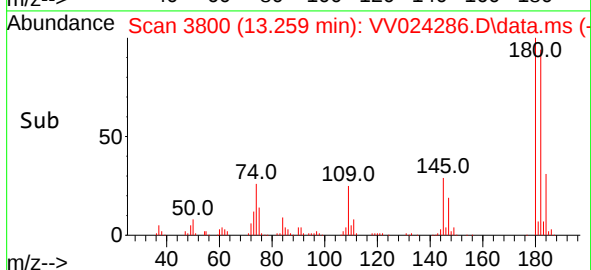
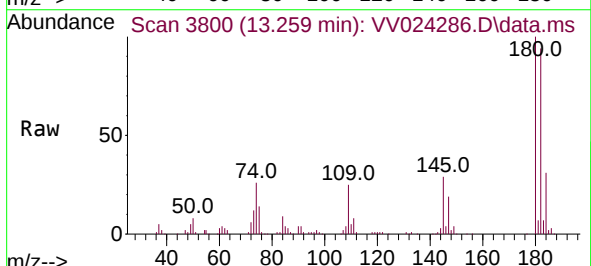
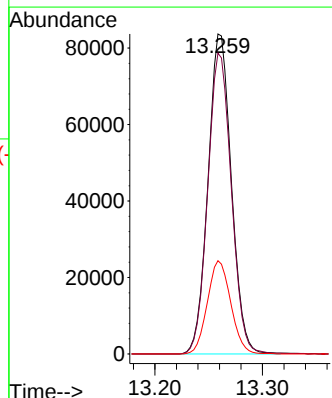
Tgt Ion:180 Resp: 126149

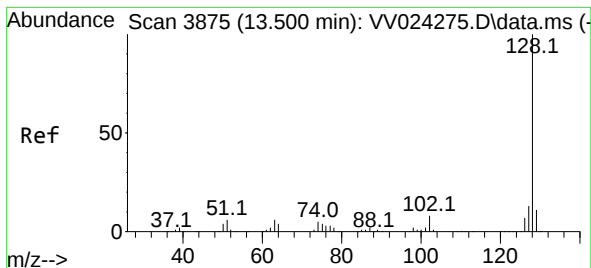
Ion Ratio Lower Upper

180 100

182 94.9 75.6 113.4

145 29.1 23.9 35.9





#71

Naphthalene

Concen: 42.578 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Instrument :

MSVOA_V

ClientSampleId :

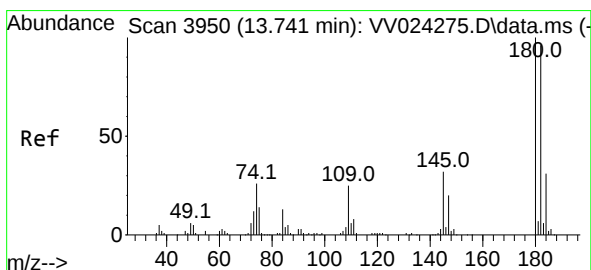
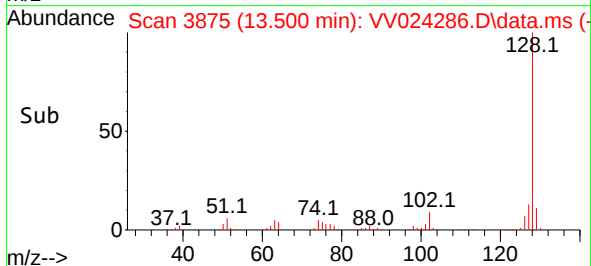
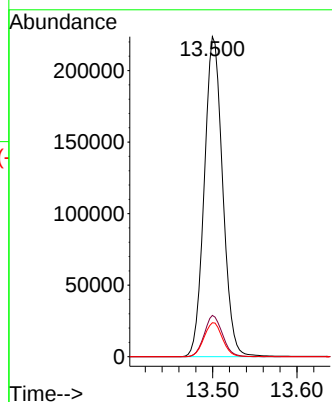
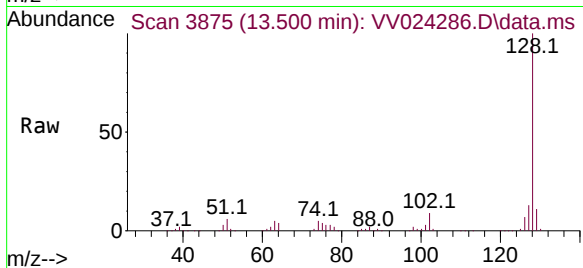
Tgt Ion:128 Resp: 339914

Ion Ratio Lower Upper

128 100

127 12.7 10.6 16.0

129 10.7 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 44.428 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV024286.D

Acq: 06 Jan 2022 10:35

Tgt Ion:180 Resp: 126704

Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 31.7 25.0 37.4

