

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043345.D
 Acq On : 27 Apr 2021 11:39
 Operator : SY/MD
 Sample : M2127-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AA0MSD

Quant Time: Apr 27 23:48:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 27 23:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	132693	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	130953	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	71032	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23892	3.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.80%
7) Chloroethane-d5	1.919	69	22291	3.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.20%
11) 1,1-Dichloroethene-d2	2.575	65	16039	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	4.655	46	141810	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	5.073	84	73927	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	5.713	65	43403	3.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.80%
32) Benzene-d6	5.735	84	123720	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
36) 1,2-Dichloropropane-d6	6.697	67	42578	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.906	98	117152	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloroprop...	8.186	79	17063	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.642	63	87351	39.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38231	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
66) 1,2-Dichlorobenzene-d4	12.198	152	44901	3.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	73.80%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	45213	5.32	ug/L	97
3) Chloromethane	1.523	50	41120	4.91	ug/L	99
5) Vinyl chloride	1.607	62	40233	4.61	ug/L	100
6) Bromomethane	1.864	94	23393	4.50	ug/L	100
8) Chloroethane	1.941	64	24454	3.89	ug/L	96
9) Trichlorofluoromethane	2.144	101	69488	4.28	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42993	4.90	ug/L	93
12) 1,1-Dichloroethene	2.588	96	36968	5.01	ug/L	86
13) Acetone	2.671	43	127578	58.67	ug/L	# 67
14) Carbon disulfide	2.800	76	91545	4.87	ug/L	99
15) Methyl Acetate	2.970	43	27517	6.73	ug/L	# 84
16) Methylene chloride	3.054	84	43446	4.55	ug/L	# 76
17) Methyl tert-butyl Ether	3.375	73	110792	4.59	ug/L	# 90
18) trans-1,2-Dichloroethene	3.366	96	38445	4.89	ug/L	87
19) 1,1-Dichloroethane	3.880	63	87769	5.13	ug/L	97
21) 2-Butanone	4.732	43	197979	55.16	ug/L	82
22) cis-1,2-Dichloroethene	4.678	96	44968	4.83	ug/L	89
23) Bromochloromethane	4.983	128	21185	4.99	ug/L	# 71
25) Chloroform	5.099	83	88853	4.87	ug/L	99

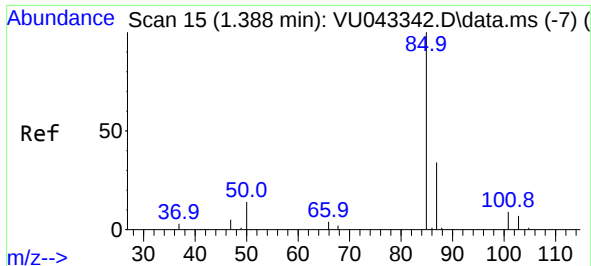
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	67682	5.05	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	78868	4.88	ug/L	95
30) Cyclohexane	5.398	56	61783	4.46	ug/L	86
31) Carbon tetrachloride	5.533	117	64565	4.79	ug/L	98
33) Benzene	5.784	78	173632	4.96	ug/L	100
34) Trichloroethene	6.549	95	44776	4.64	ug/L	93
35) Methylcyclohexane	6.771	83	58343	4.37	ug/L #	88
37) 1,2-Dichloropropane	6.800	63	49477	5.02	ug/L	98
38) Bromodichloromethane	7.115	83	66088	4.99	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	66588	4.62	ug/L	97
40) 4-Methyl-2-pentanone	7.800	43	469817	53.27	ug/L #	82
42) Toluene	7.977	91	184791	4.72	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	62724	4.62	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	37065	5.03	ug/L	97
47) Tetrachloroethene	8.559	164	35505	4.64	ug/L	92
48) 2-Hexanone	8.694	43	361659	55.73	ug/L #	82
49) Dibromochloromethane	8.816	129	44120	4.75	ug/L	96
50) 1,2-Dibromoethane	8.931	107	35244	4.81	ug/L #	100
51) Chlorobenzene	9.452	112	116965	4.69	ug/L	94
52) Ethylbenzene	9.578	91	199111	4.45	ug/L	99
53) m,p-Xylene	9.700	106	73299	4.47	ug/L	92
54) o-Xylene	10.108	106	72628	4.47	ug/L	93
55) Styrene	10.121	104	125843	4.52	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	49947	5.16	ug/L	98
59) Bromoform	10.298	173	27591	4.75	ug/L	97
60) Isopropylbenzene	10.491	105	195594	4.29	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	36437	4.96	ug/L	97
62) 1,3,5-Trimethylbenzene	11.095	105	156542	4.20	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	161972	4.23	ug/L	97
64) 1,3-Dichlorobenzene	11.751	146	97037	4.48	ug/L	96
65) 1,4-Dichlorobenzene	11.841	146	98648	4.50	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	96683	4.60	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.005	75	8484	4.75	ug/L	92
69) 1,3,5-Trichlorobenzene	13.224	180	78178	4.41	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	66807	4.55	ug/L	99
71) Naphthalene	14.095	128	123798	5.00	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	65695	4.88	ug/L	98

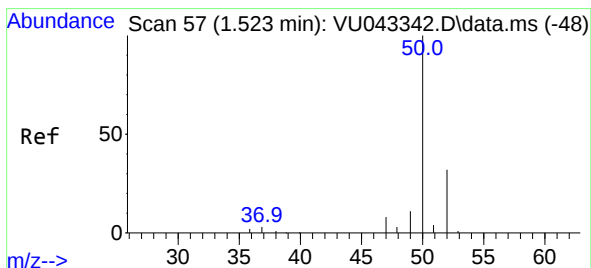
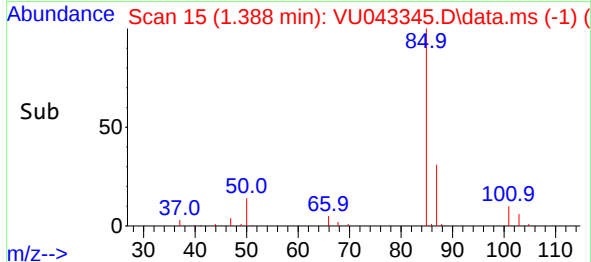
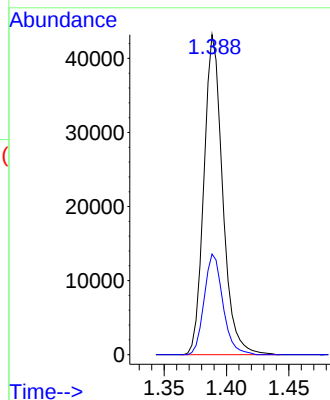
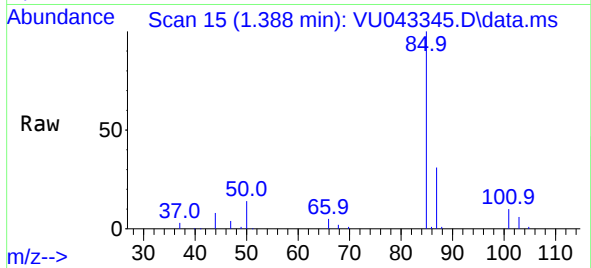
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#2
Dichlorodifluoromethane
Concen: 5.32 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

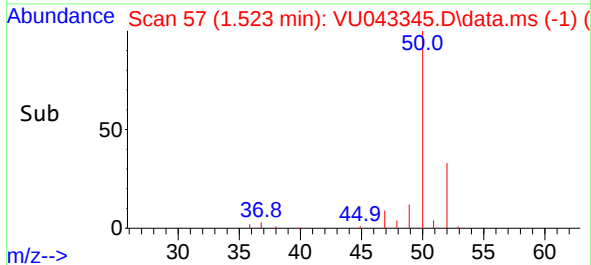
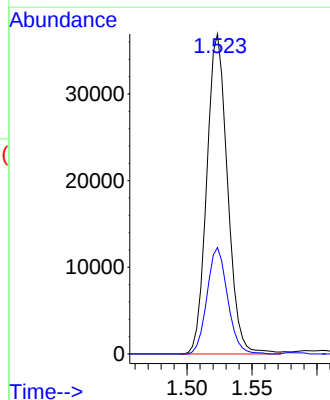
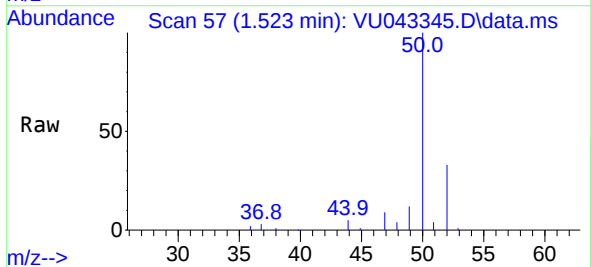
Instrument :
MSVOA_U
ClientSampleId :
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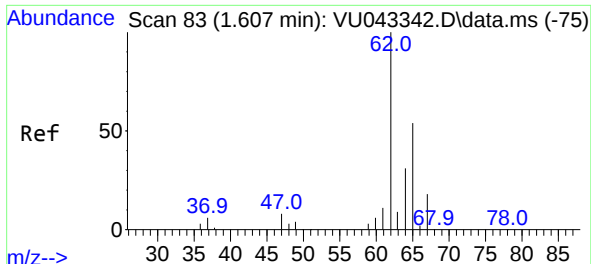
Tgt Ion: 85 Resp: 45213
Ion Ratio Lower Upper
85 100
87 31.3 26.3 39.5



#3
Chloromethane
Concen: 4.91 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 50 Resp: 41120
Ion Ratio Lower Upper
50 100
52 33.2 23.6 43.8

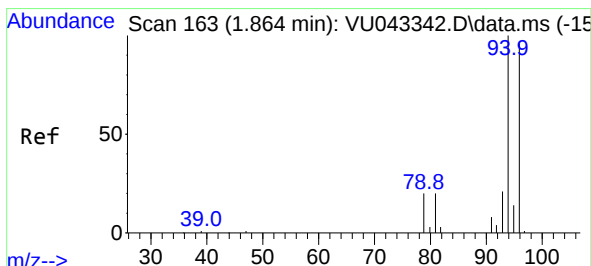
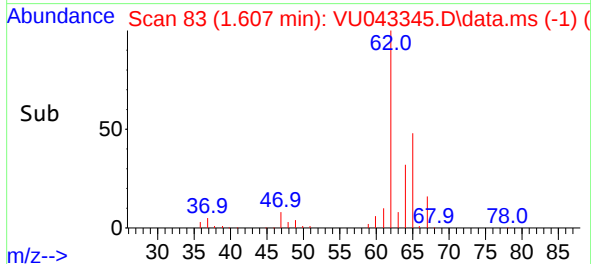
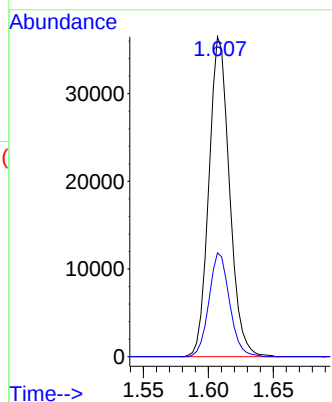
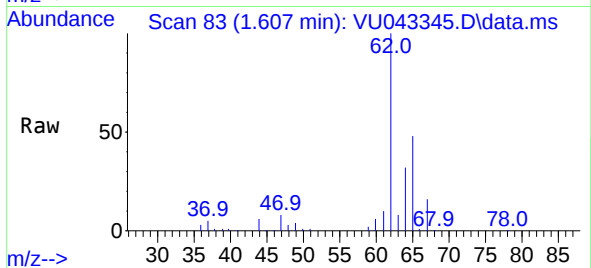




#5
 Vinyl chloride
 Concen: 4.61 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043345.D
 Acq: 27 Apr 2021 11:39

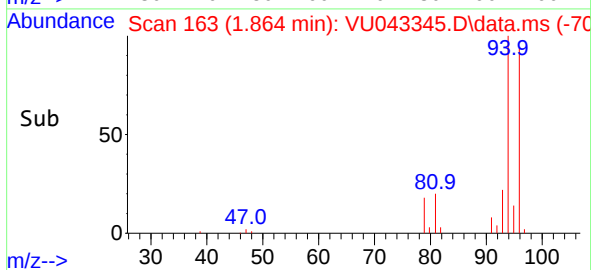
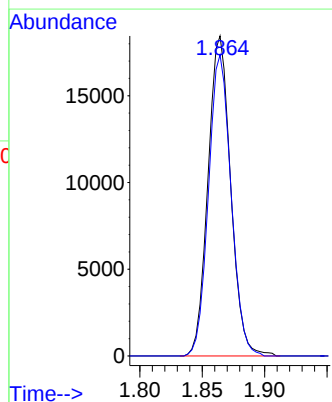
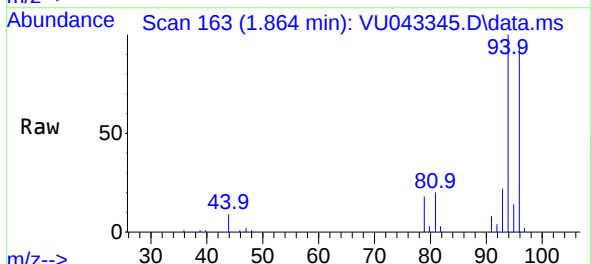
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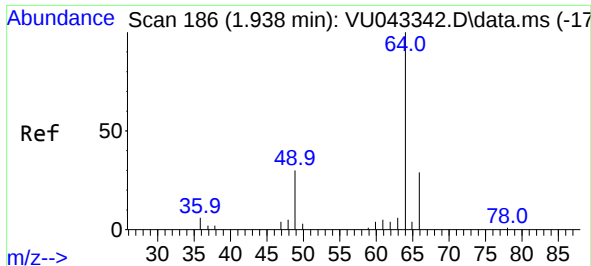
Tgt Ion: 62 Resp: 40233
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.50 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043345.D
 Acq: 27 Apr 2021 11:39

Tgt Ion: 94 Resp: 23393
 Ion Ratio Lower Upper
 94 100
 96 94.1 66.1 122.7

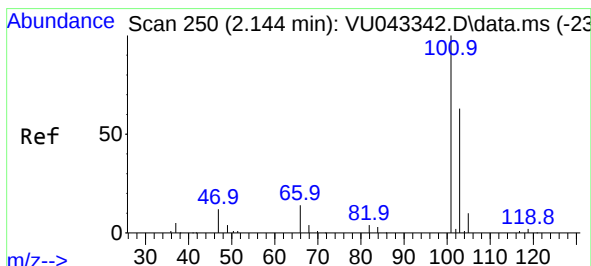
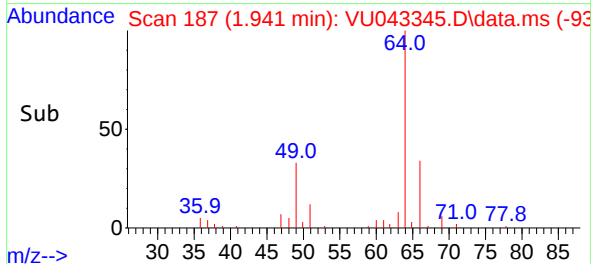
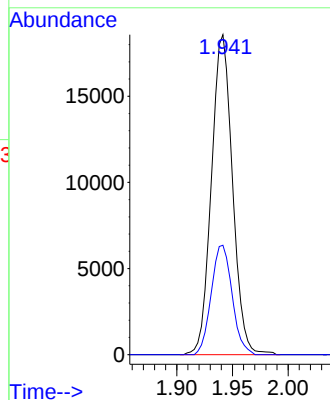
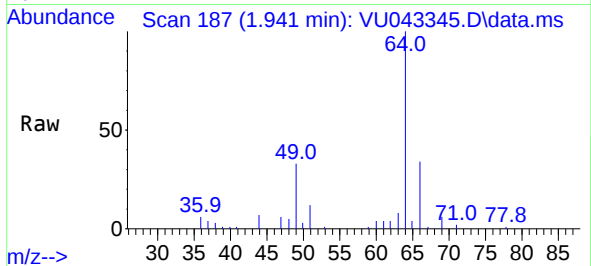




#8
Chloroethane
Concen: 3.89 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

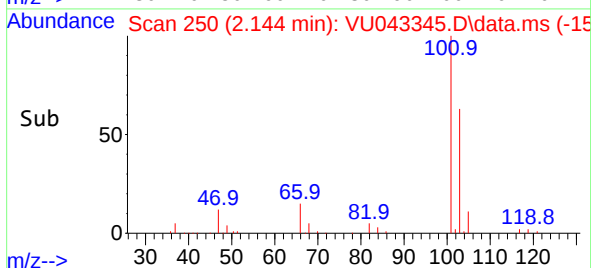
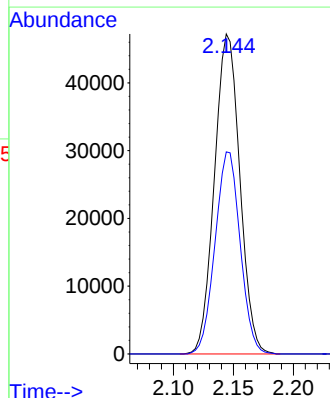
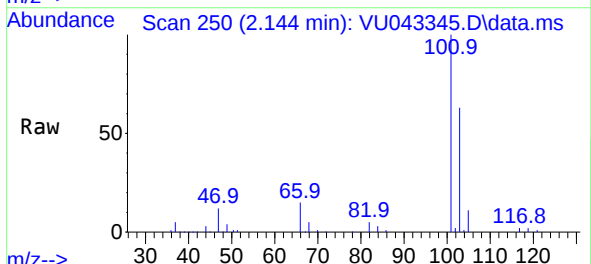
Instrument :
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ClientSampleId :
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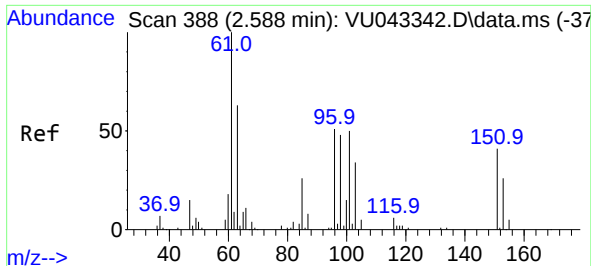
Tgt Ion: 64 Resp: 24454
Ion Ratio Lower Upper
64 100
66 34.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.28 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:101 Resp: 69488
Ion Ratio Lower Upper
101 100
103 62.3 51.5 77.3

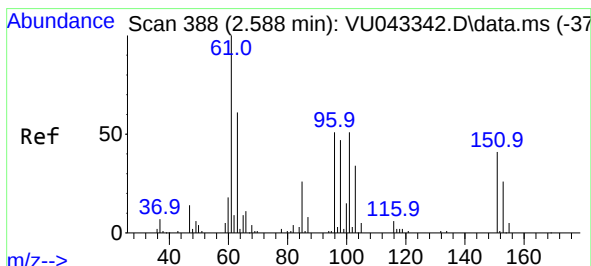
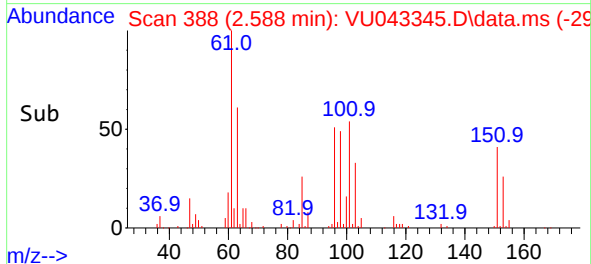
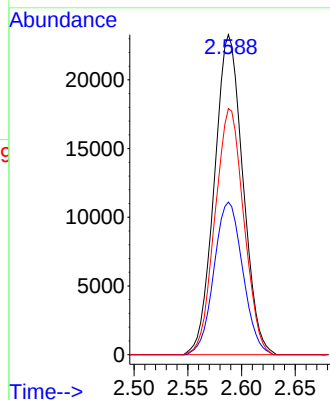
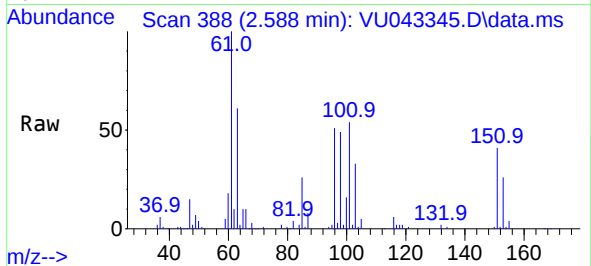




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.90 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

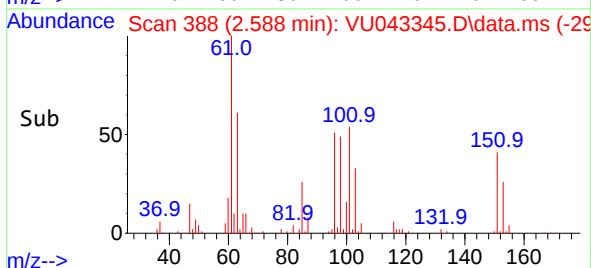
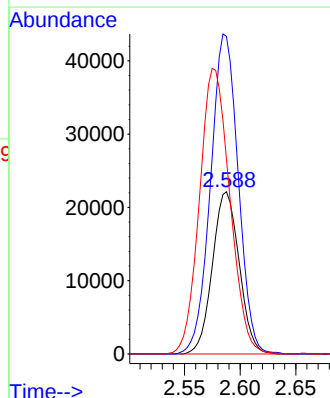
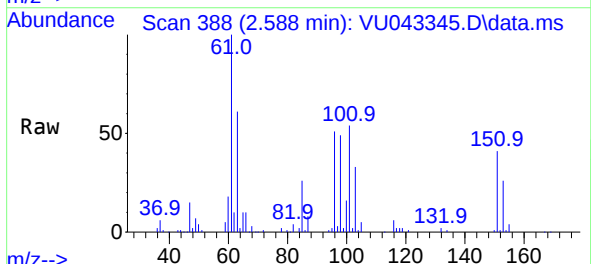
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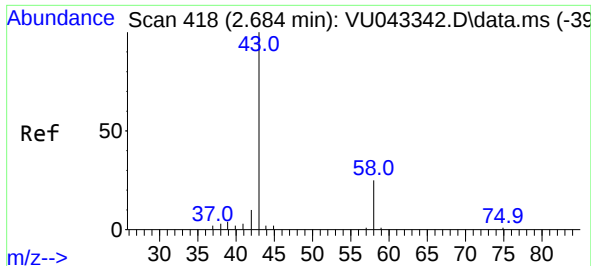
Tgt Ion:101 Resp: 42993
Ion Ratio Lower Upper
101 100
85 48.1 34.5 51.7
151 77.7 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.01 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 96 Resp: 36968
Ion Ratio Lower Upper
96 100
61 195.8 115.1 213.7
63 120.2 84.1 156.1

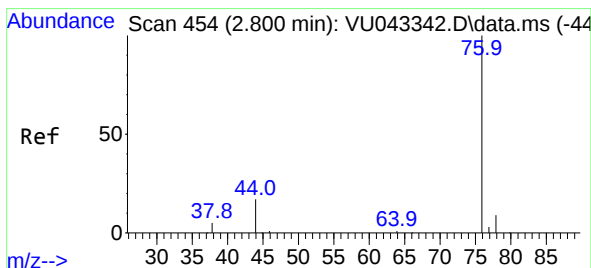
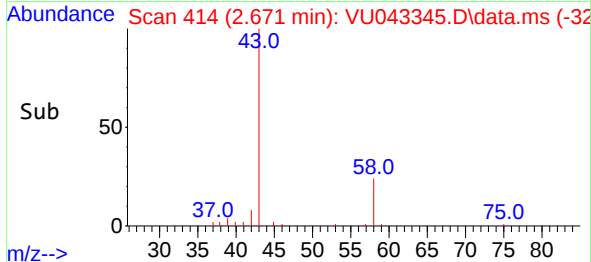
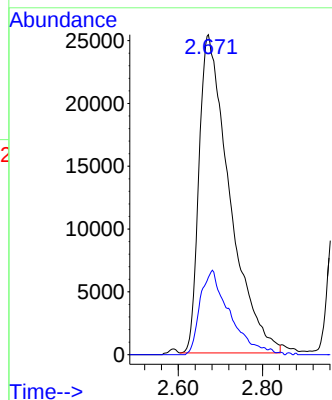
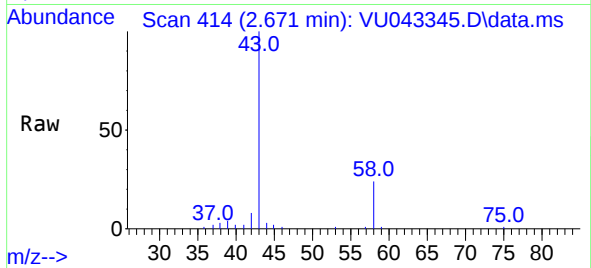




#13
Acetone
Concen: 58.67 ug/L
RT: 2.671 min Scan# 414
Delta R.T. -0.013 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

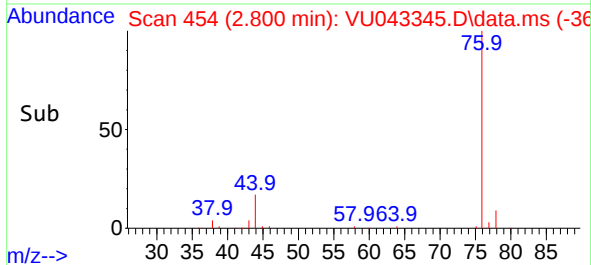
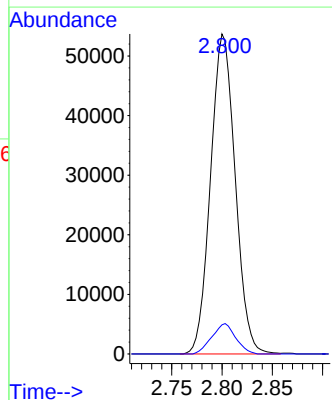
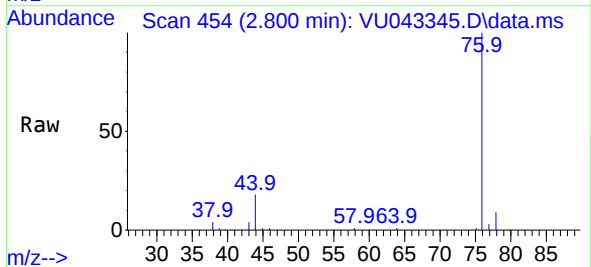
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

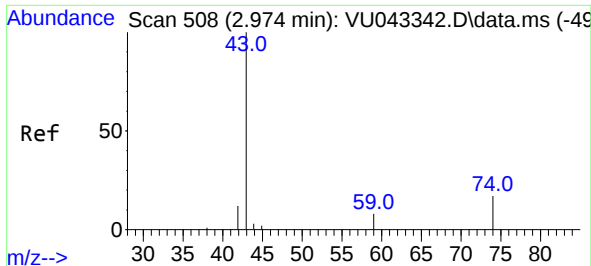
Tgt Ion: 43 Resp: 127578
Ion Ratio Lower Upper
43 100
58 25.4 0.0 25.0#



#14
Carbon disulfide
Concen: 4.87 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 76 Resp: 91545
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15

Methyl Acetate

Concen: 6.73 ug/L

RT: 2.970 min Scan# 507

Delta R.T. -0.003 min

Lab File: VU043345.D

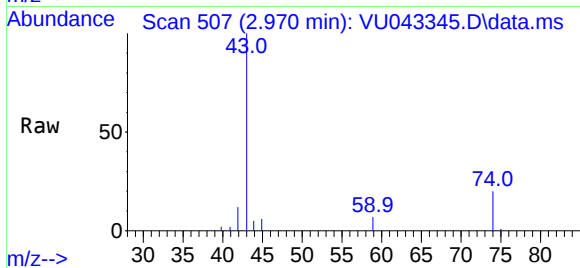
Acq: 27 Apr 2021 11:39

Tgt Ion: 43 Resp: 27517

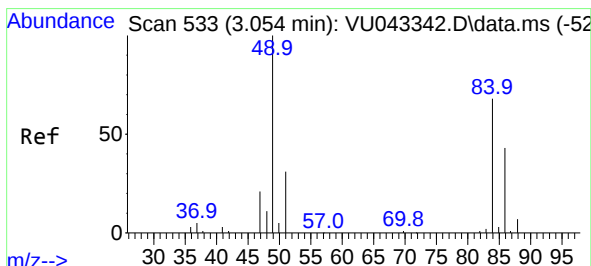
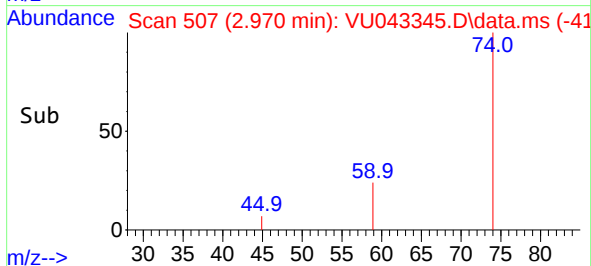
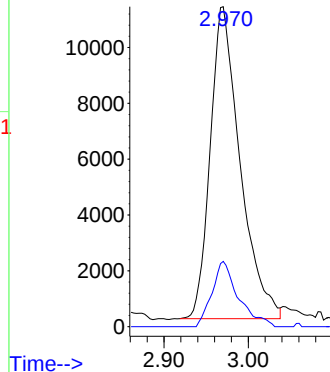
Ion Ratio Lower Upper

43 100

74 18.4 21.5 32.3#



Abundance



#16

Methylene chloride

Concen: 4.55 ug/L

RT: 3.054 min Scan# 533

Delta R.T. -0.000 min

Lab File: VU043345.D

Acq: 27 Apr 2021 11:39

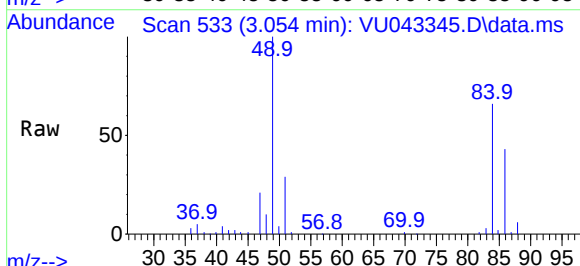
Tgt Ion: 84 Resp: 43446

Ion Ratio Lower Upper

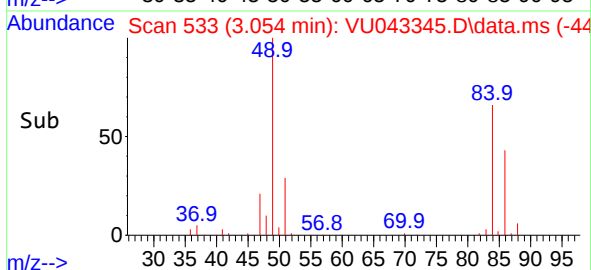
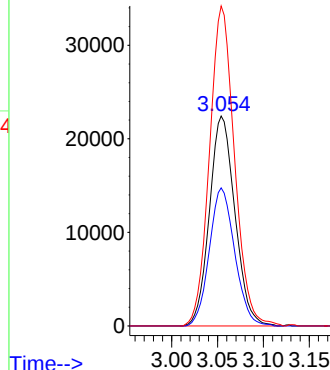
84 100

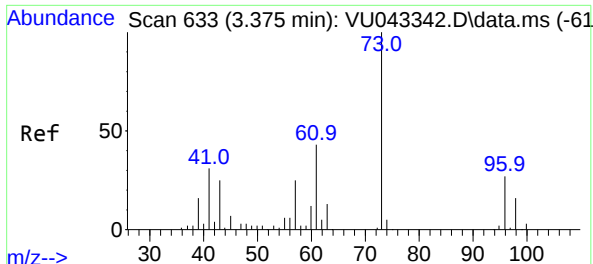
86 65.8 44.9 83.5

49 152.4 79.0 146.8#



Abundance

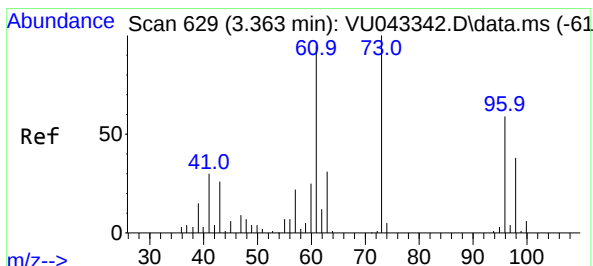
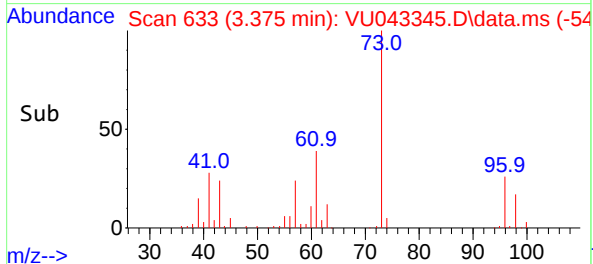
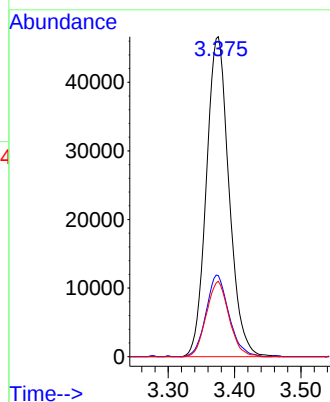
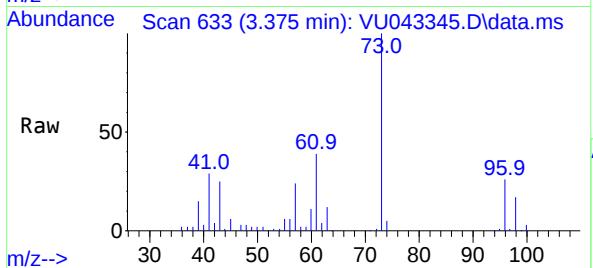




#17
Methyl tert-butyl Ether
Concen: 4.59 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

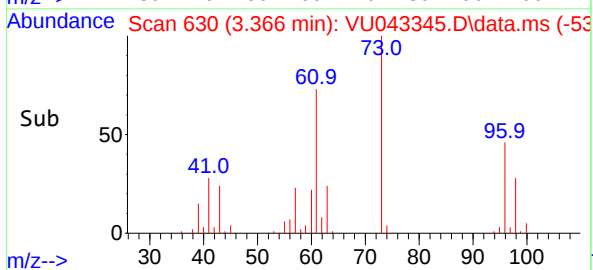
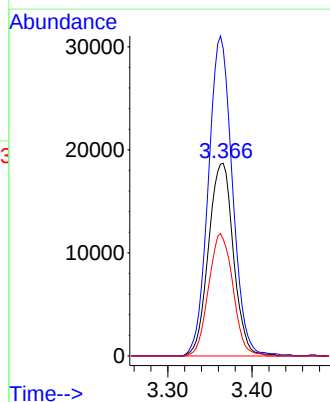
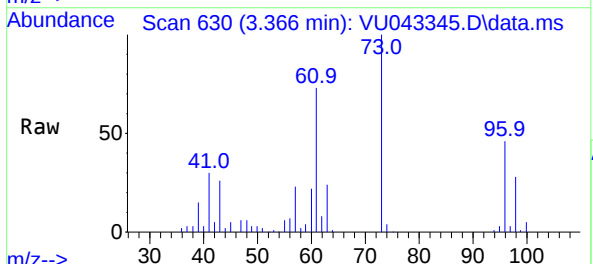
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

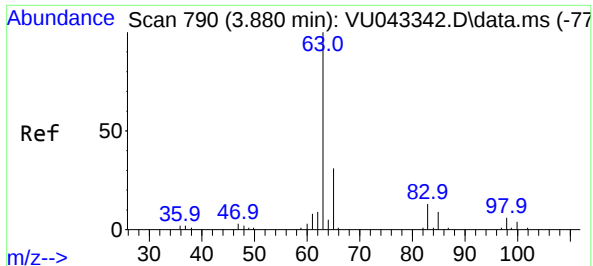
Tgt Ion: 73 Resp: 110792
Ion Ratio Lower Upper
73 100
43 25.8 15.0 22.4#
57 23.5 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 4.89 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 96 Resp: 38445
Ion Ratio Lower Upper
96 100
61 159.3 96.6 179.4
98 60.6 44.7 82.9



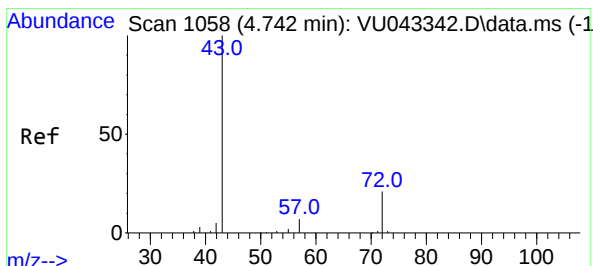
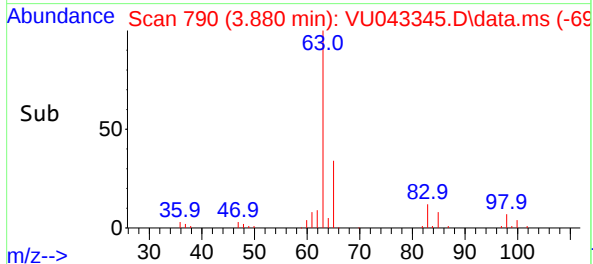
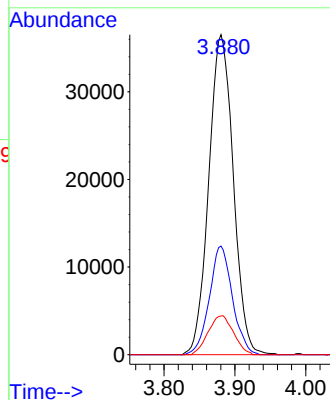
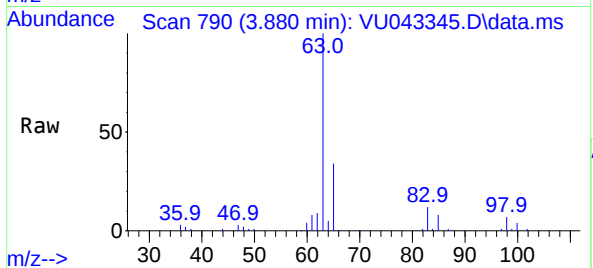


#19

1,1-Dichloroethane
Concen: 5.13 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

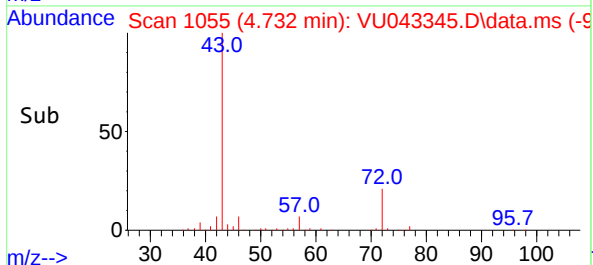
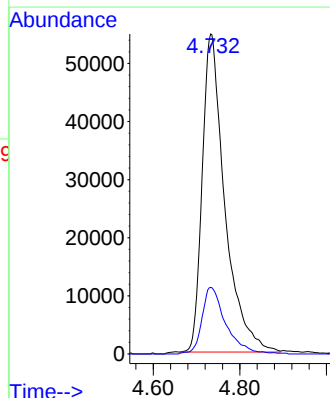
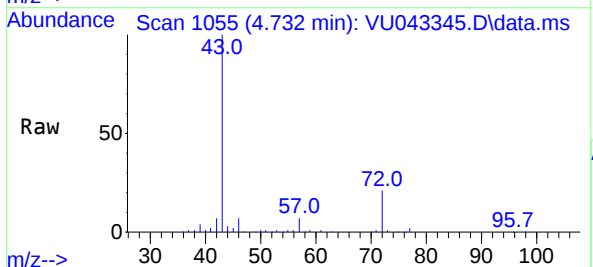
Tgt Ion:	63	Resp:	87769
Ion	Ratio	Lower	Upper
63	100		
65	34.0	23.2	43.0
83	12.1	9.9	18.3

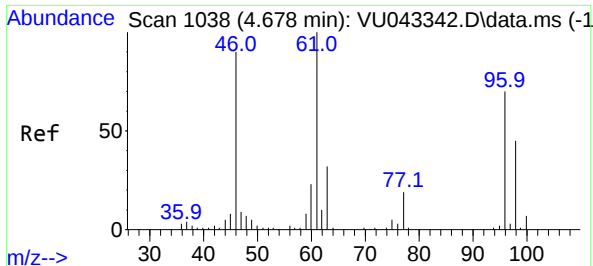


#21

2-Butanone
Concen: 55.16 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.010 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:	43	Resp:	197979
Ion	Ratio	Lower	Upper
43	100		
72	21.7	15.8	47.3



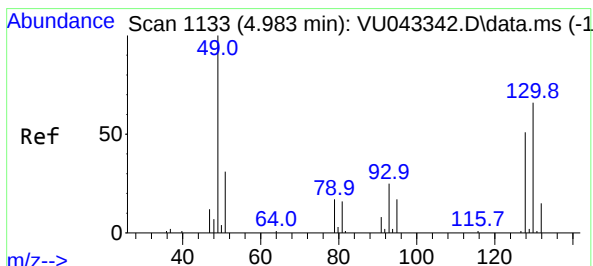
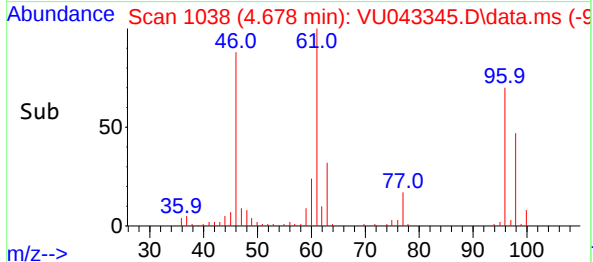
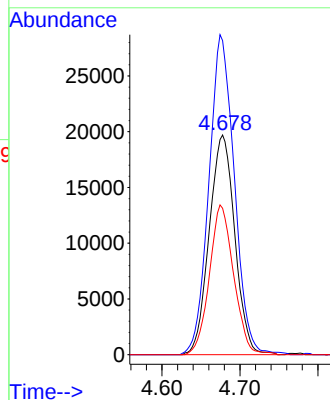
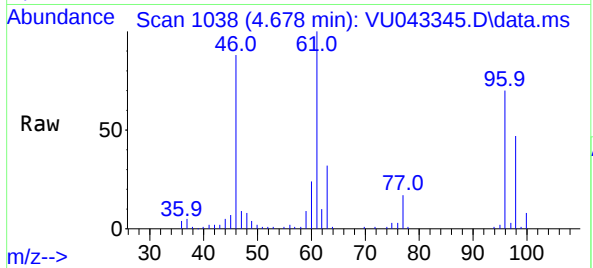


#22
cis-1,2-Dichloroethene
Concen: 4.83 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion: 96 Resp: 44968

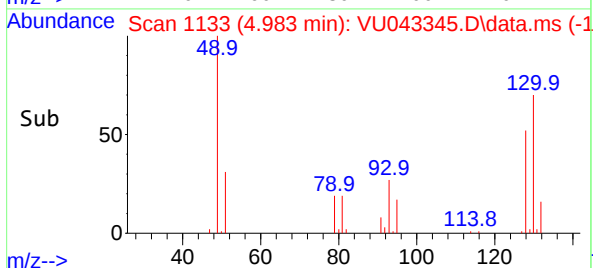
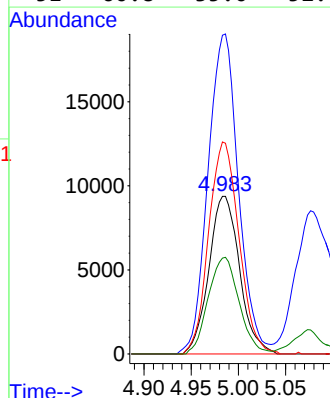
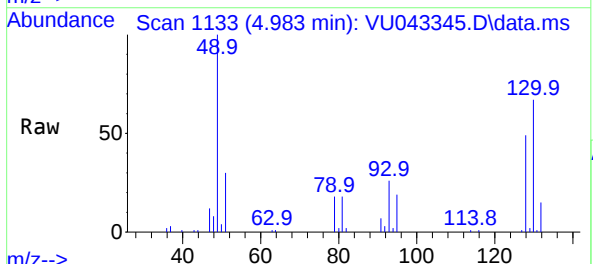
Ion	Ratio	Lower	Upper
96	100		
61	142.9	87.4	162.4
98	66.6	47.7	88.5

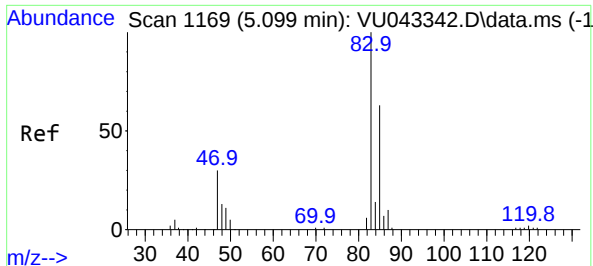


#23
Bromochloromethane
Concen: 4.99 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 128 Resp: 21185

Ion	Ratio	Lower	Upper
128	100		
49	202.2	96.4	179.0#
130	134.5	91.2	169.4
51	60.8	35.0	52.6#



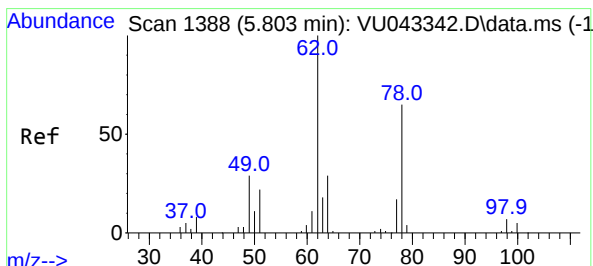
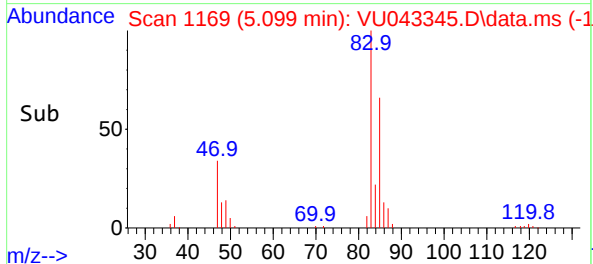
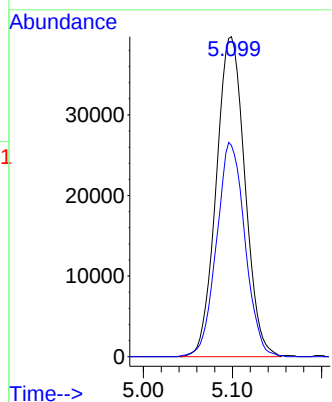
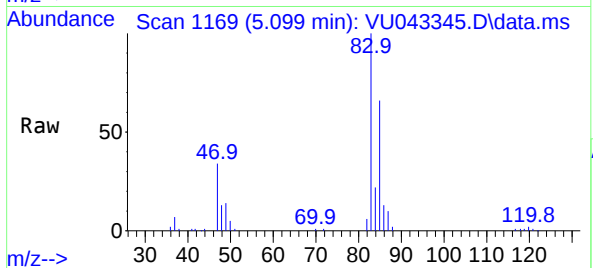


#25

Chloroform
Concen: 4.87 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

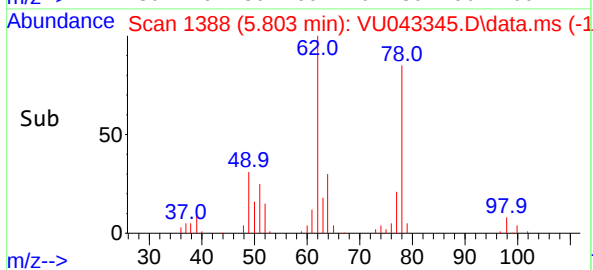
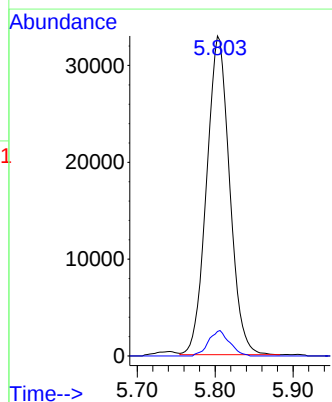
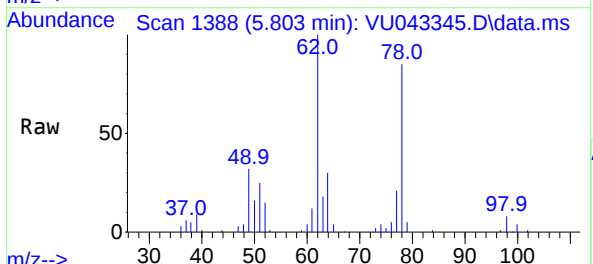
Tgt Ion: 83 Resp: 88853
Ion Ratio Lower Upper
83 100
85 66.1 45.6 84.8

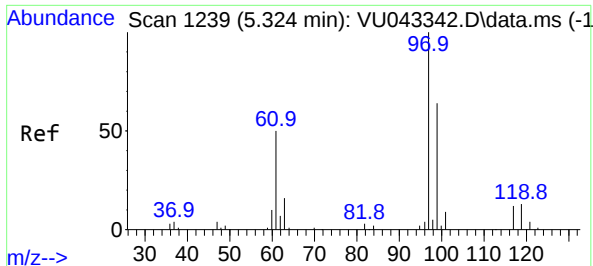


#27

1,2-Dichloroethane
Concen: 5.05 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 62 Resp: 67682
Ion Ratio Lower Upper
62 100
98 7.6 7.5 11.3

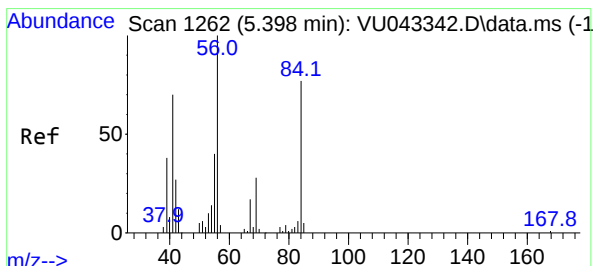
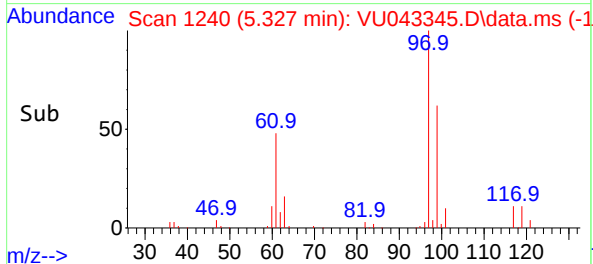
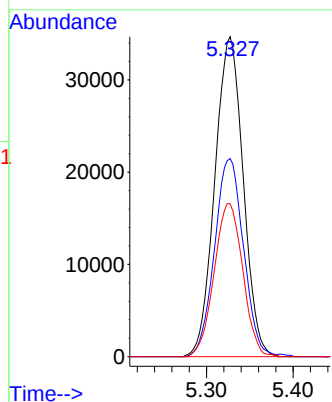
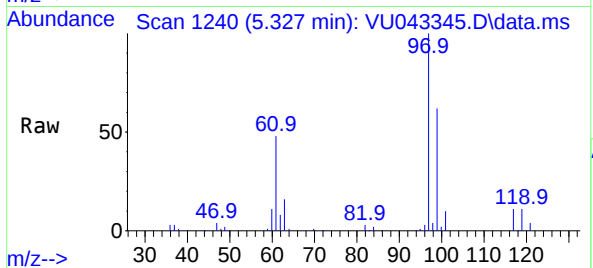




#29
1,1,1-Trichloroethane
Concen: 4.88 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

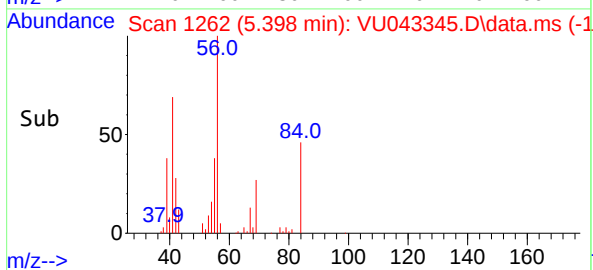
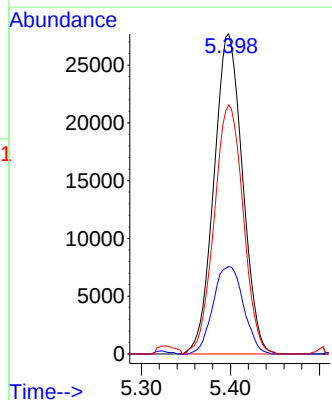
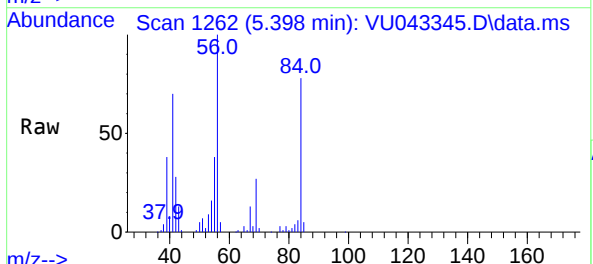
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

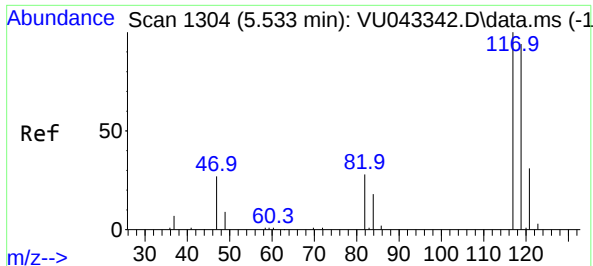
Tgt Ion: 97 Resp: 78868
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 48.3 32.7 49.1



#30
Cyclohexane
Concen: 4.46 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 56 Resp: 61783
Ion Ratio Lower Upper
56 100
69 29.0 25.2 37.8
84 79.0 76.2 114.4

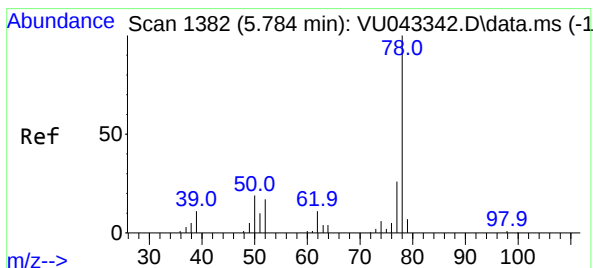
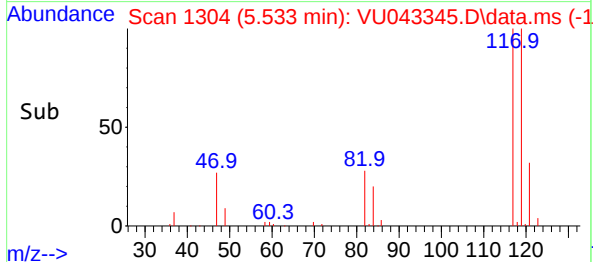
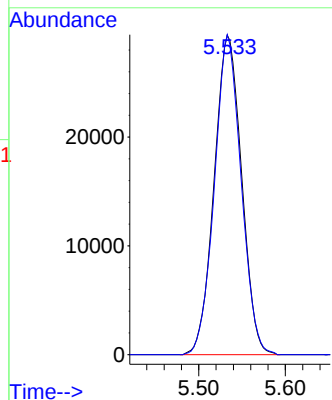
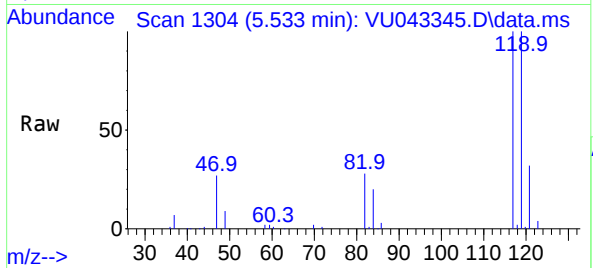




#31
Carbon tetrachloride
Concen: 4.79 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

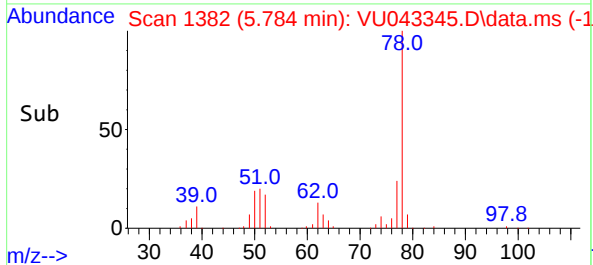
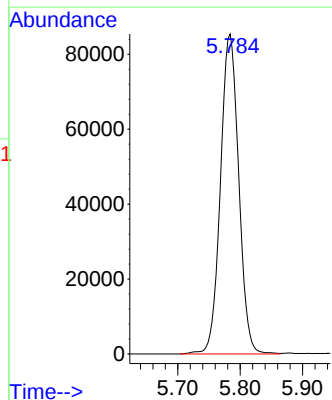
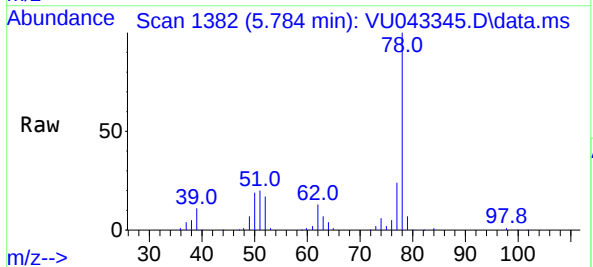
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

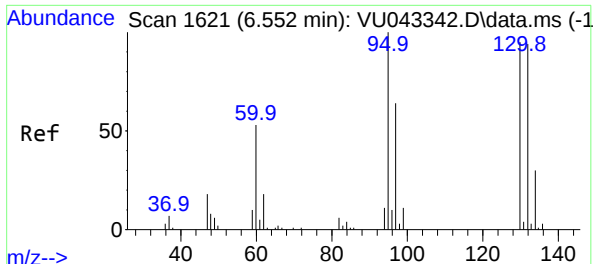
Tgt Ion:117 Resp: 64565
Ion Ratio Lower Upper
117 100
119 97.2 76.2 114.4



#33
Benzene
Concen: 4.96 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 78 Resp: 173632





#34

Trichloroethene

Concen: 4.64 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.003 min

Lab File: VU043345.D

Acq: 27 Apr 2021 11:39

Tgt Ion: 95 Resp: 44776

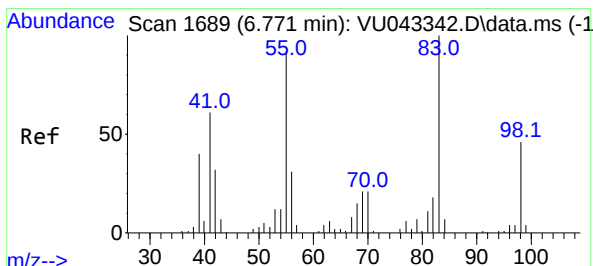
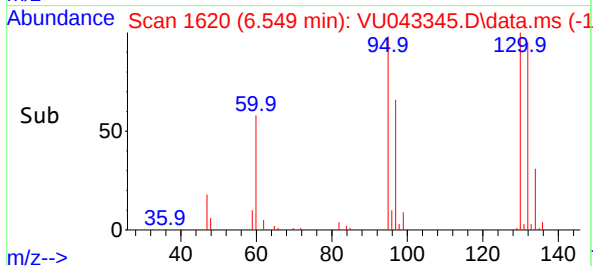
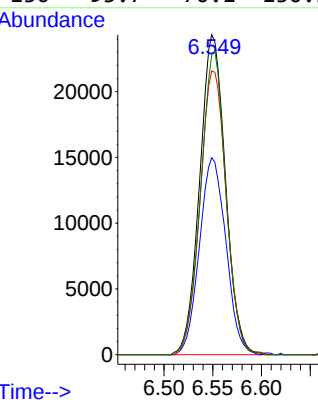
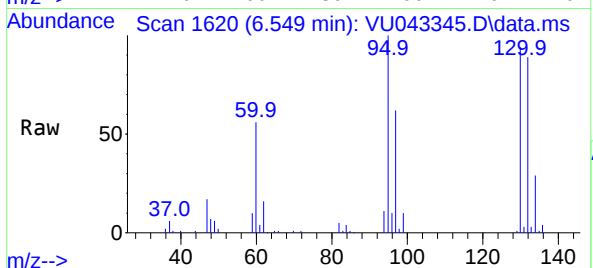
Ion Ratio Lower Upper

95 100

97 61.6 45.8 85.2

132 88.7 68.7 127.7

130 93.7 70.1 130.3



#35

Methylcyclohexane

Concen: 4.37 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU043345.D

Acq: 27 Apr 2021 11:39

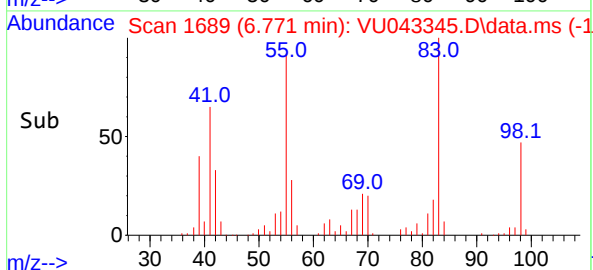
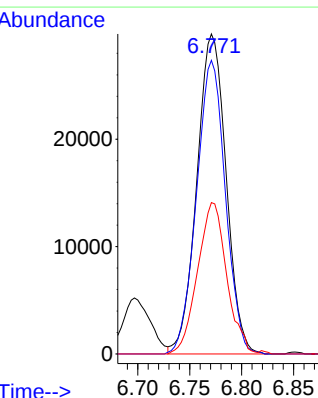
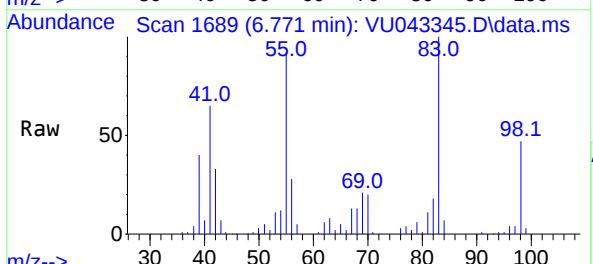
Tgt Ion: 83 Resp: 58343

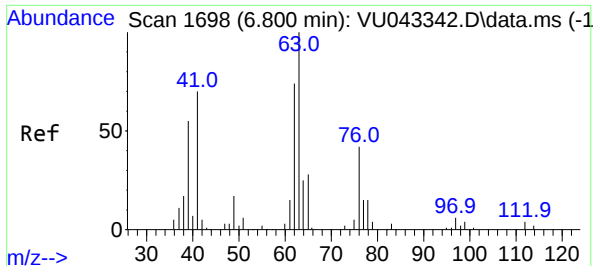
Ion Ratio Lower Upper

83 100

55 90.6 59.5 89.3#

98 47.1 37.9 56.9

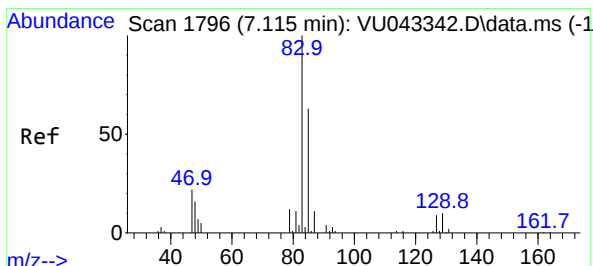
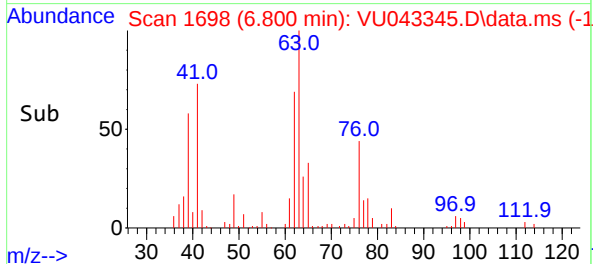
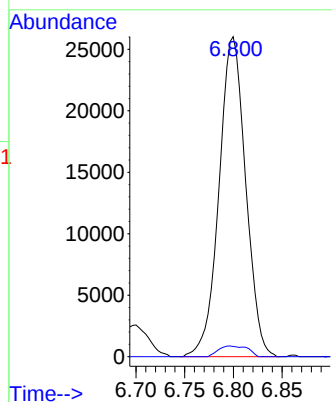
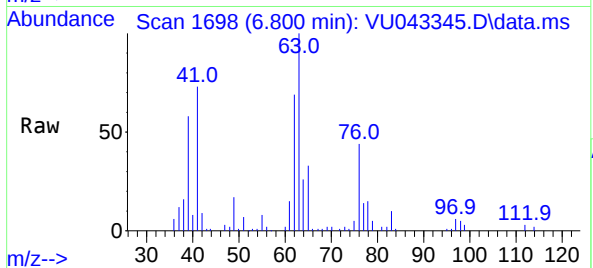




#37
1,2-Dichloropropane
Concen: 5.02 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

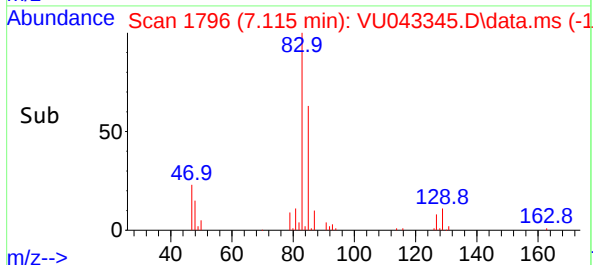
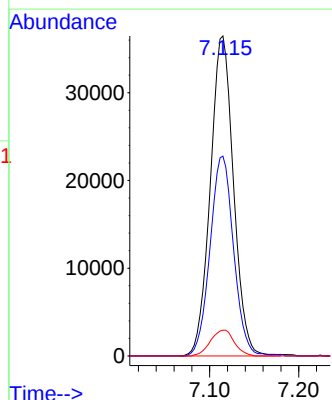
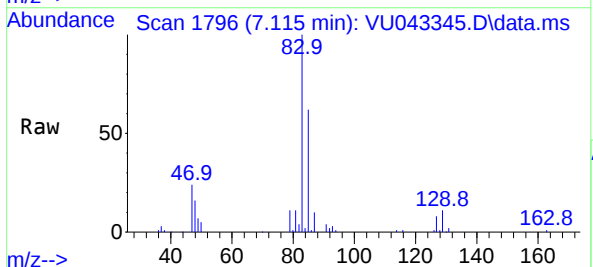
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

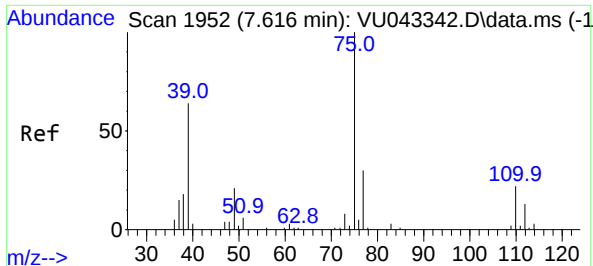
Tgt Ion: 63 Resp: 49477
Ion Ratio Lower Upper
63 100
112 3.7 3.5 5.3



#38
Bromodichloromethane
Concen: 4.99 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 83 Resp: 66088
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8
127 8.0 7.4 11.2

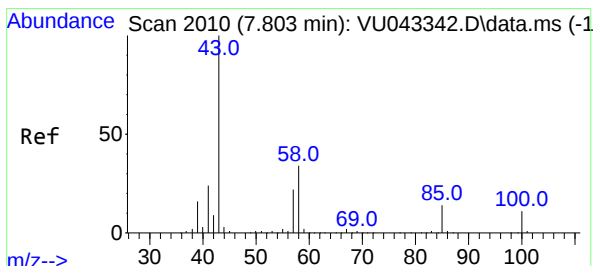
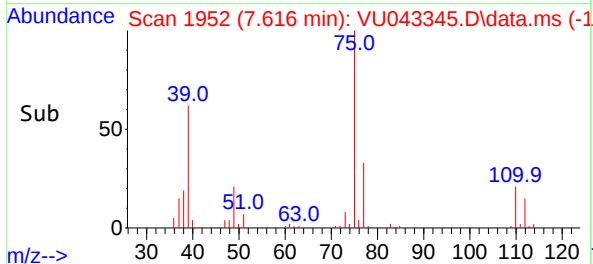
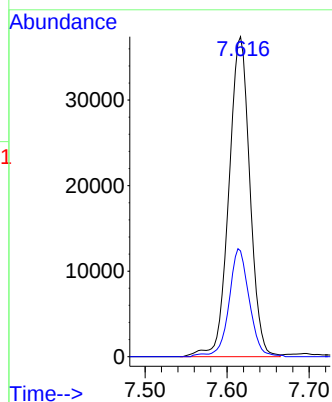
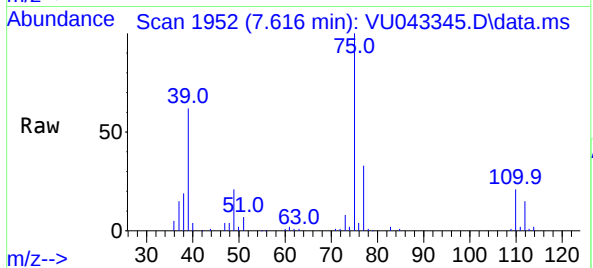




#39
cis-1,3-Dichloropropene
Concen: 4.62 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

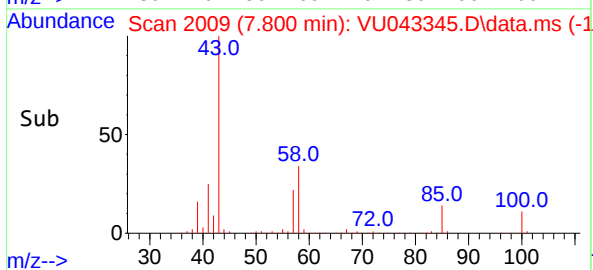
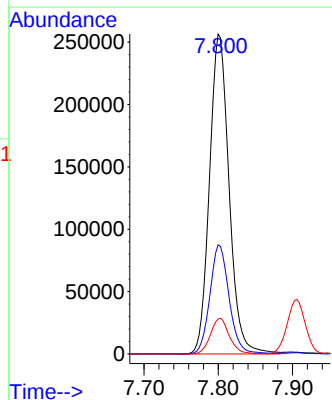
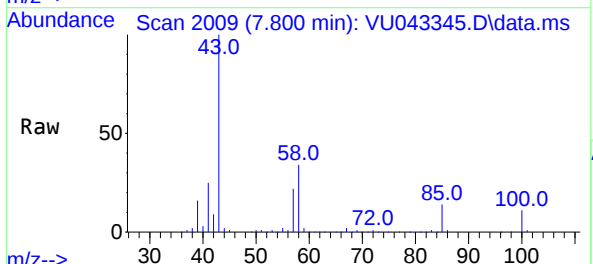
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

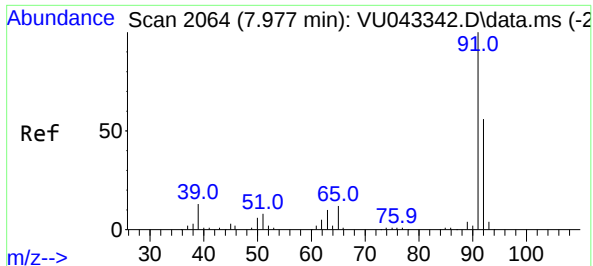
Tgt Ion: 75 Resp: 66588
Ion Ratio Lower Upper
75 100
77 33.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 53.27 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 43 Resp: 469817
Ion Ratio Lower Upper
43 100
58 33.4 35.8 53.6#
100 10.7 15.1 22.7#





#42

Toluene

Concen: 4.72 ug/L

RT: 7.977 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043345.D

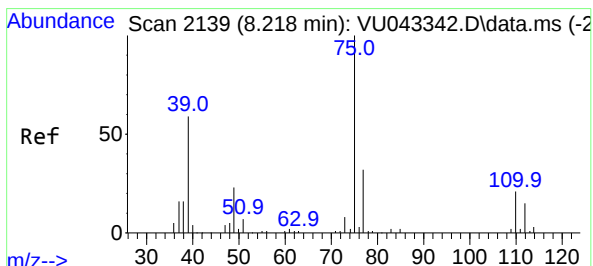
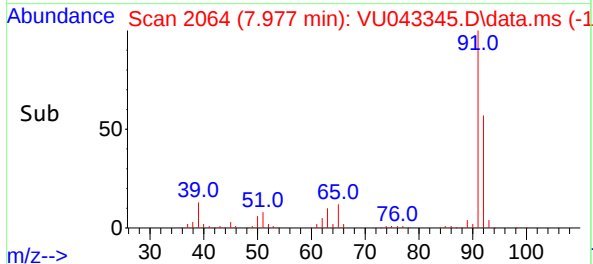
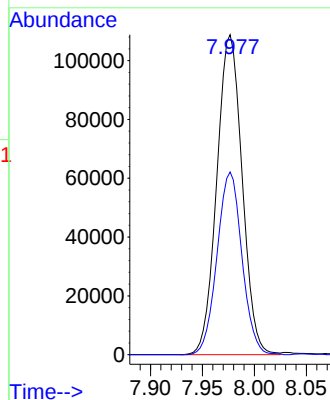
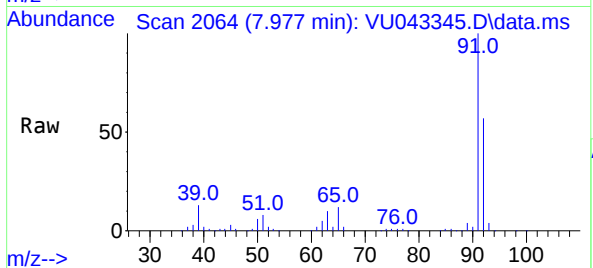
Acq: 27 Apr 2021 11:39

Tgt Ion: 91 Resp: 184791

Ion Ratio Lower Upper

91 100

92 57.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 4.62 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043345.D

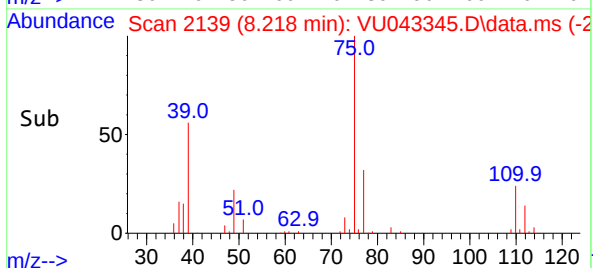
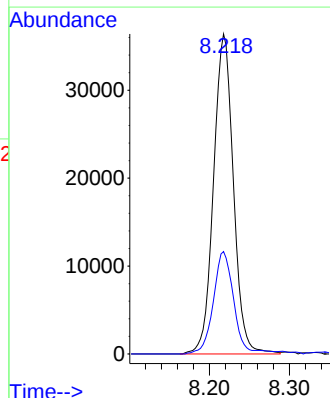
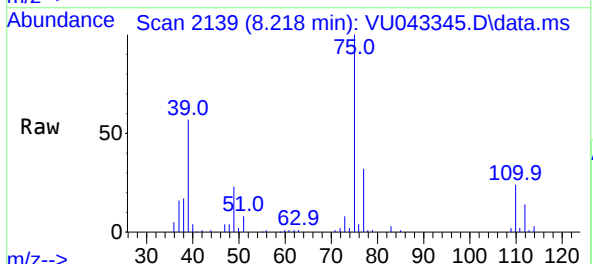
Acq: 27 Apr 2021 11:39

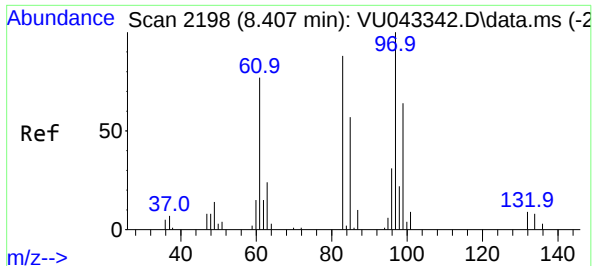
Tgt Ion: 75 Resp: 62724

Ion Ratio Lower Upper

75 100

77 32.0 23.4 43.4



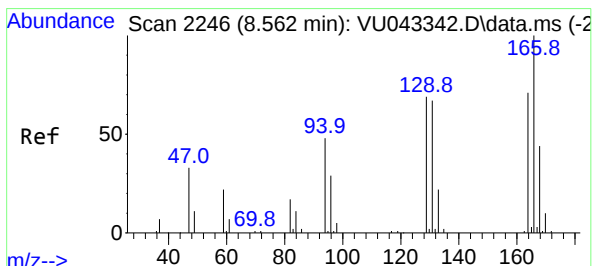
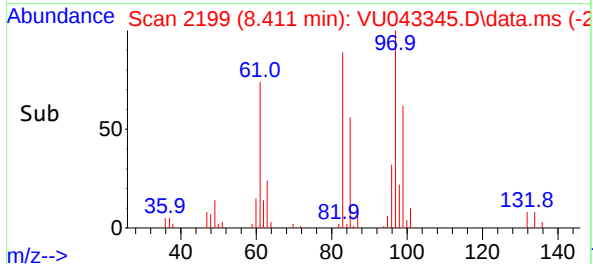
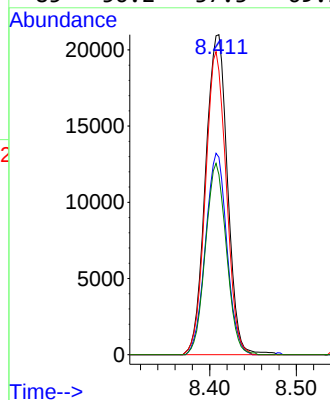
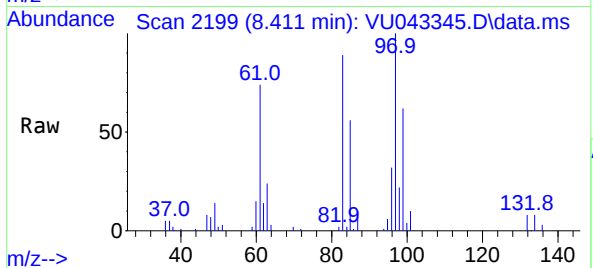


#45
1,1,2-Trichloroethane
Concen: 5.03 ug/L
RT: 8.411 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion: 97 Resp: 37065

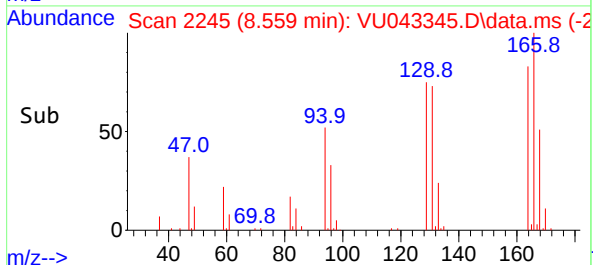
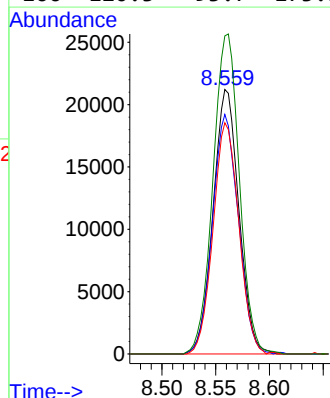
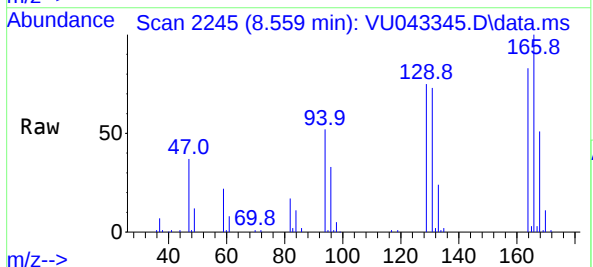
Ion	Ratio	Lower	Upper
97	100		
99	61.7	44.2	82.0
83	88.7	60.1	111.7
85	56.2	37.3	69.3

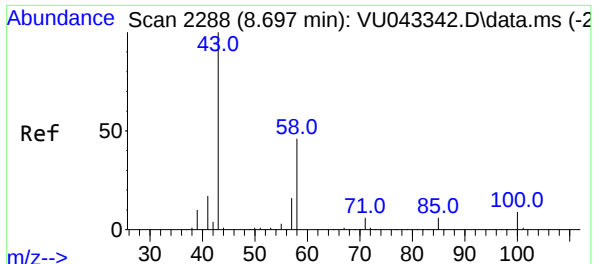


#47
Tetrachloroethene
Concen: 4.64 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 164 Resp: 35505

Ion	Ratio	Lower	Upper
164	100		
129	90.6	66.6	123.8
131	87.4	65.9	122.3
166	120.3	93.7	173.9



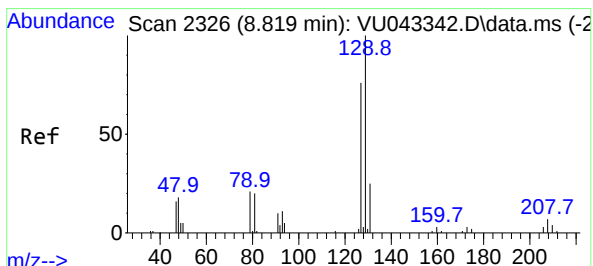
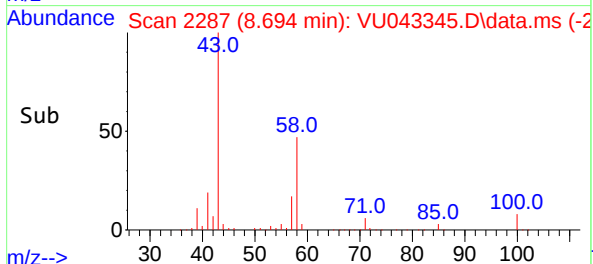
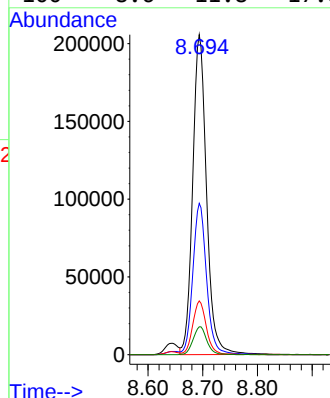
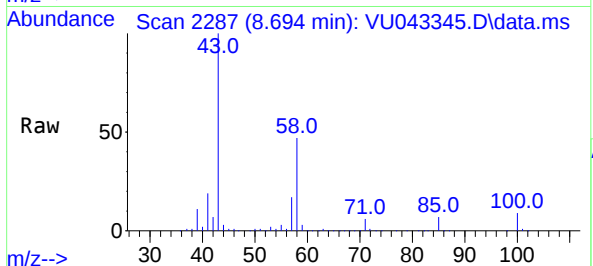


#48
2-Hexanone
Concen: 55.73 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion: 43 Resp: 361659

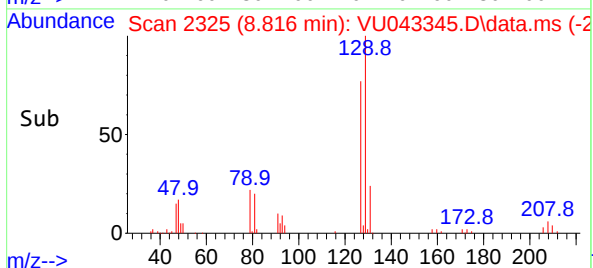
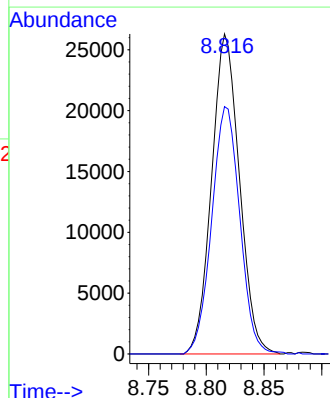
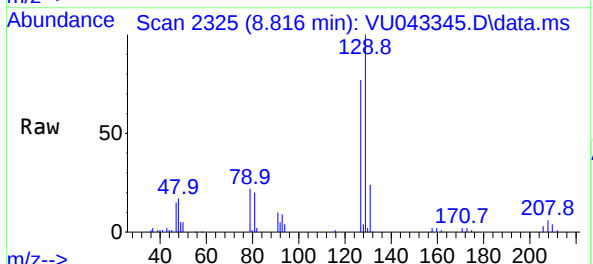
Ion	Ratio	Lower	Upper
43	100		
58	46.3	50.0	75.0#
57	16.5	17.4	26.0#
100	8.6	11.8	17.8#

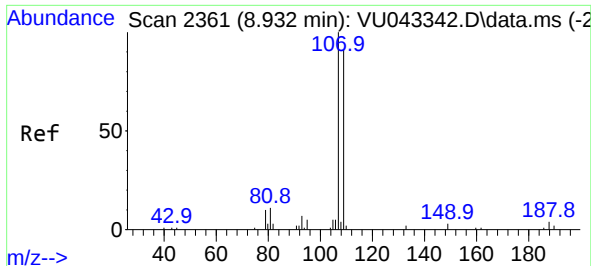


#49
Dibromochloromethane
Concen: 4.75 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 129 Resp: 44120

Ion	Ratio	Lower	Upper
129	100		
127	77.3	56.6	105.2

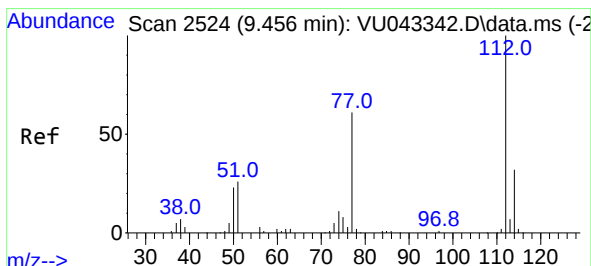
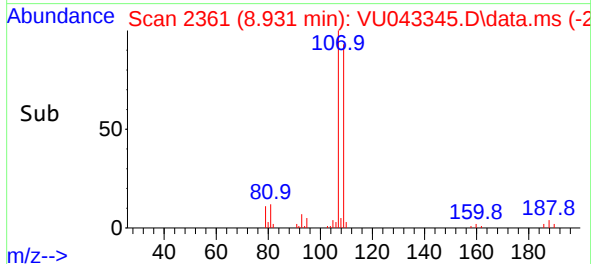
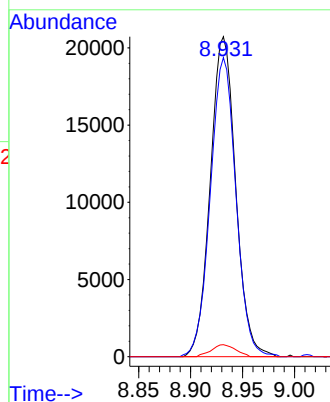
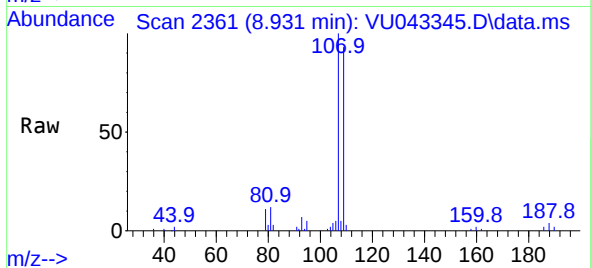




#50
1,2-Dibromoethane
Concen: 4.81 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

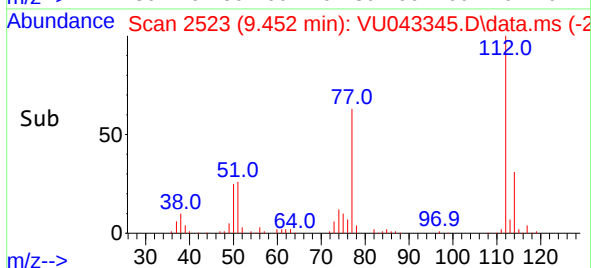
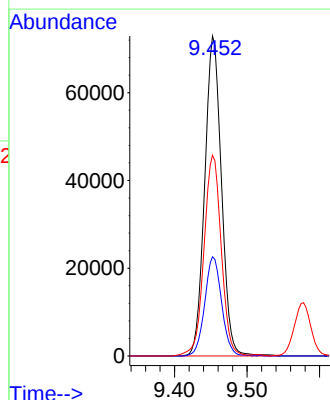
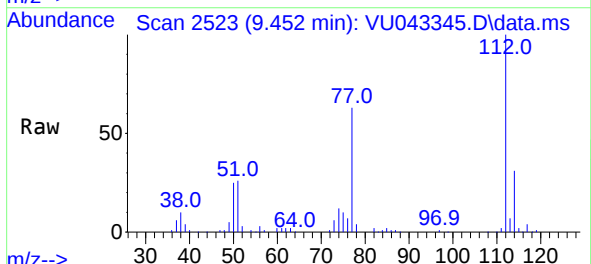
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

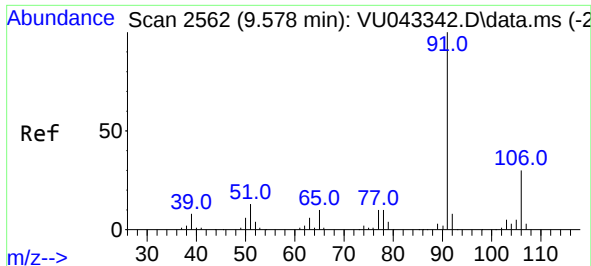
Tgt Ion:	107	Resp:	35244
Ion	Ratio	Lower	Upper
107	100		
109	93.4	65.4	121.4
188	3.7	2.5	3.7#



#51
Chlorobenzene
Concen: 4.69 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:	112	Resp:	116965
Ion	Ratio	Lower	Upper
112	100		
114	31.0	21.9	40.7
77	62.8	45.1	67.7

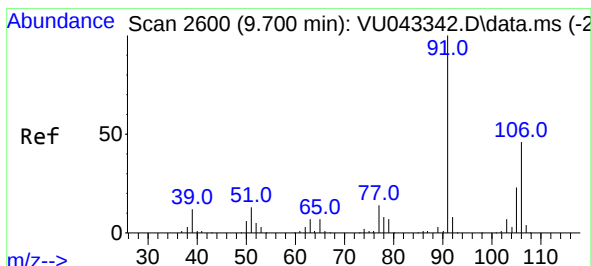
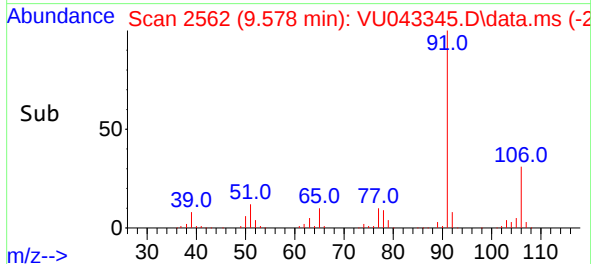
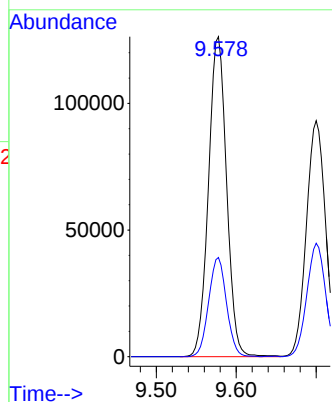
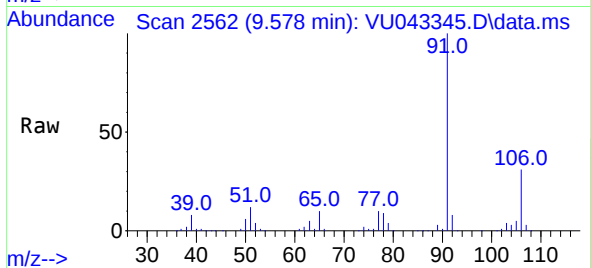




#52
Ethylbenzene
Concen: 4.45 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

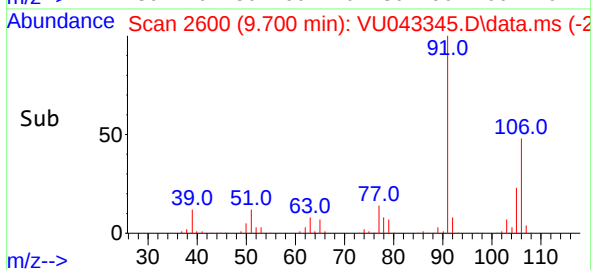
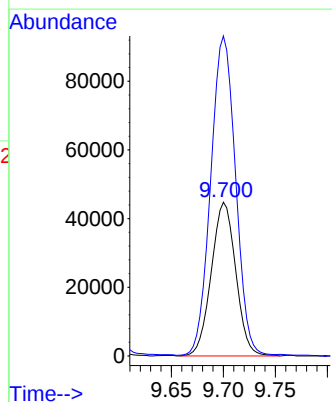
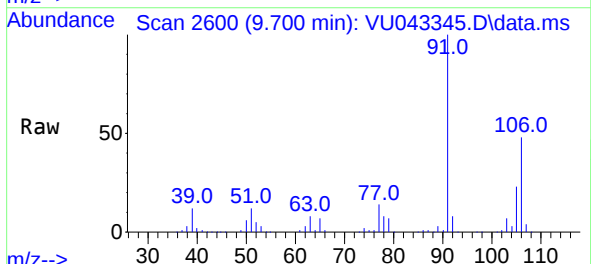
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

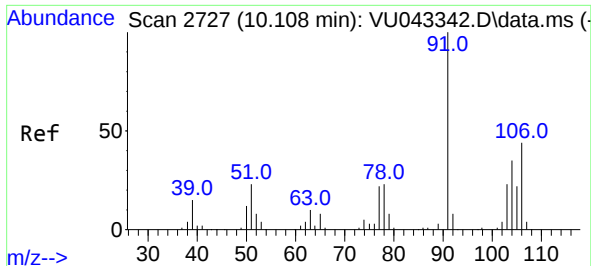
Tgt Ion: 91 Resp: 199111
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 4.47 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:106 Resp: 73299
Ion Ratio Lower Upper
106 100
91 208.1 137.6 255.6

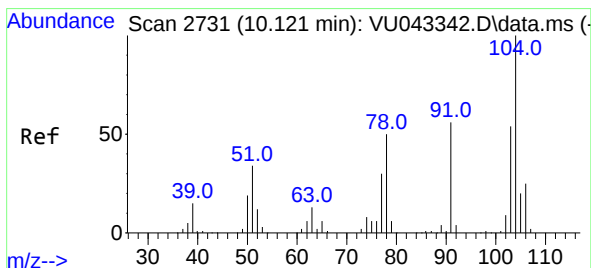
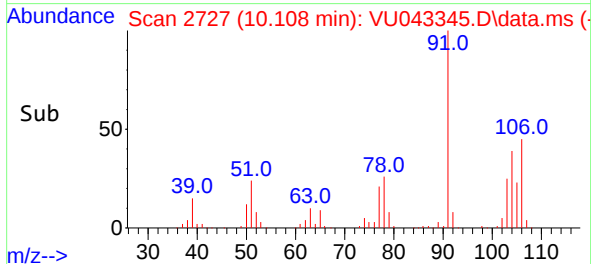
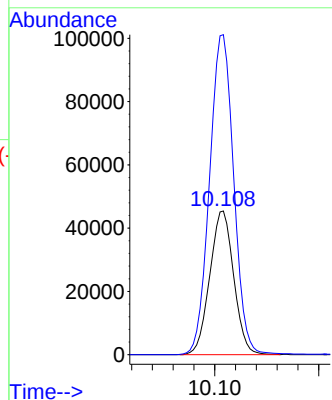
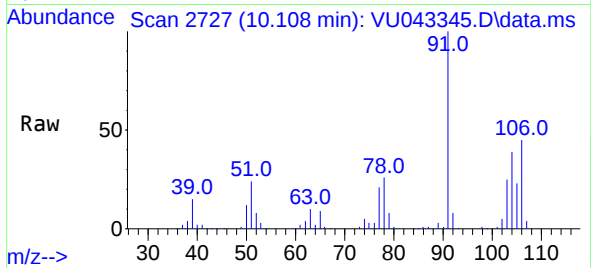




#54
o-Xylene
Concen: 4.47 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

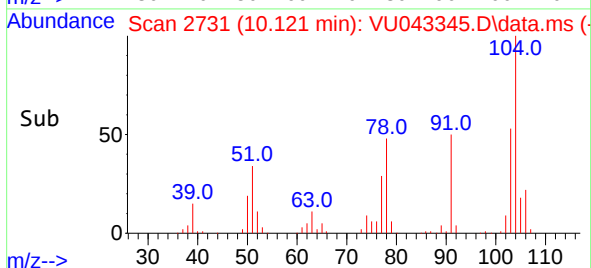
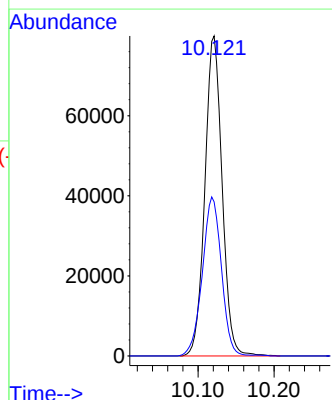
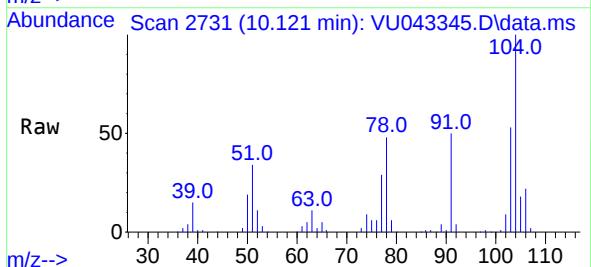
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

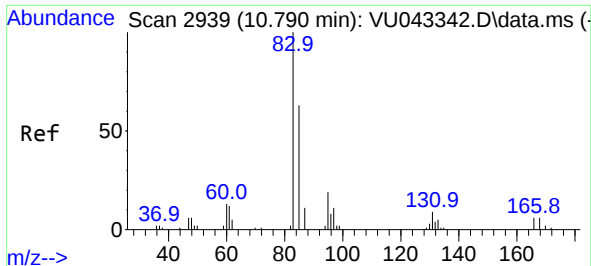
Tgt Ion:106 Resp: 72628
Ion Ratio Lower Upper
106 100
91 222.7 148.5 275.9



#55
Styrene
Concen: 4.52 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:104 Resp: 125843
Ion Ratio Lower Upper
104 100
78 48.2 32.3 60.1

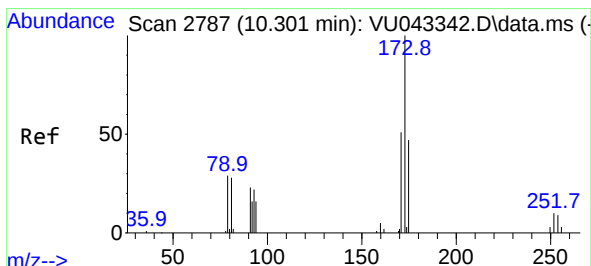
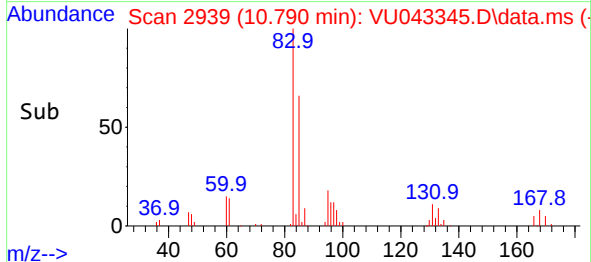
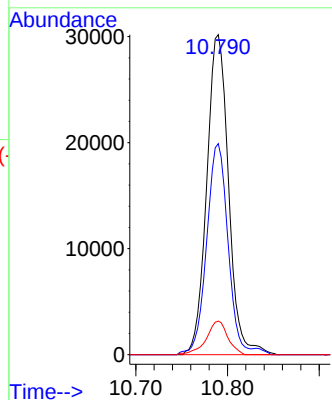
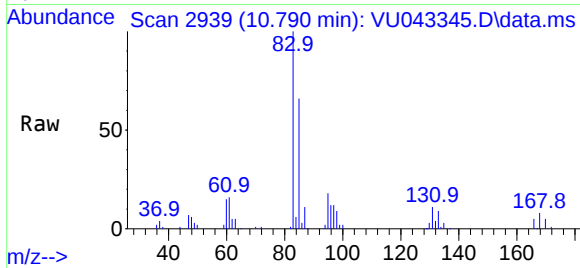




#57
1,1,2,2-Tetrachloroethane
Concen: 5.16 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

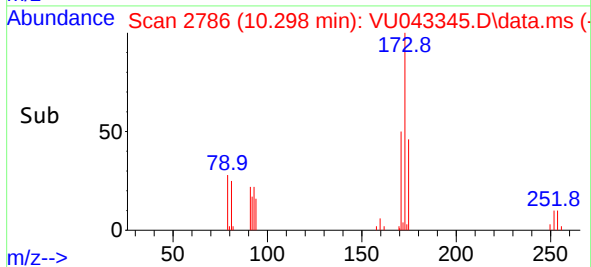
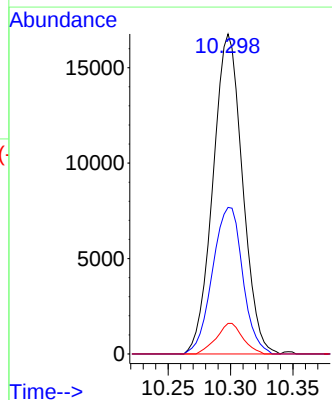
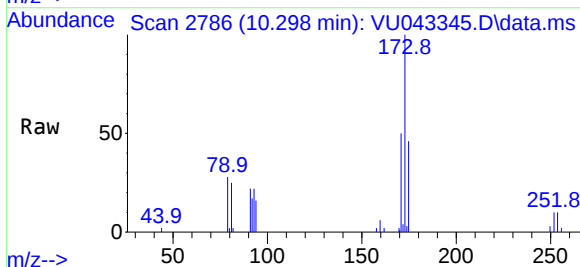
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

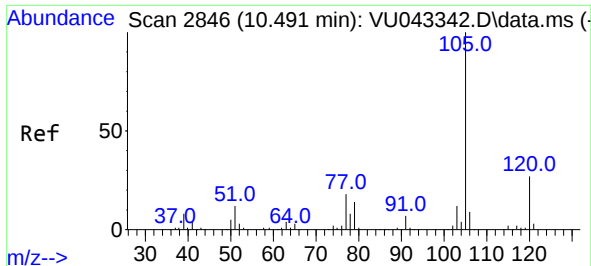
Tgt Ion:	83	Resp:	49947
Ion	Ratio	Lower	Upper
83	100		
85	66.0	44.9	83.5
131	10.5	8.2	12.4



#59
Bromoform
Concen: 4.75 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:	173	Resp:	27591
Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.4	59.0
254	8.6	8.0	12.0



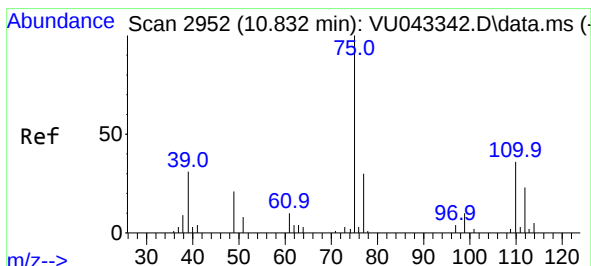
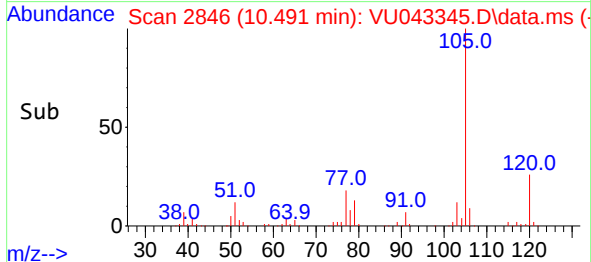
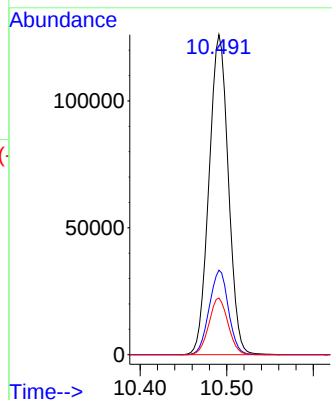
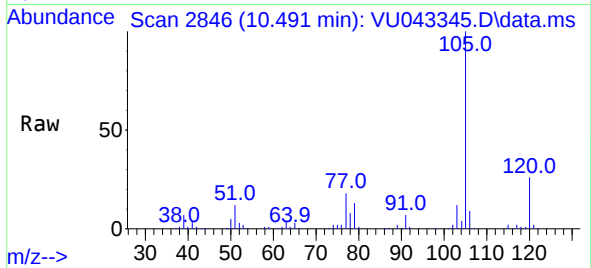


#60
Isopropylbenzene
Concen: 4.29 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion:105 Resp: 195594

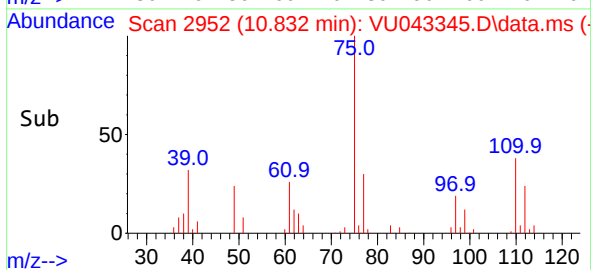
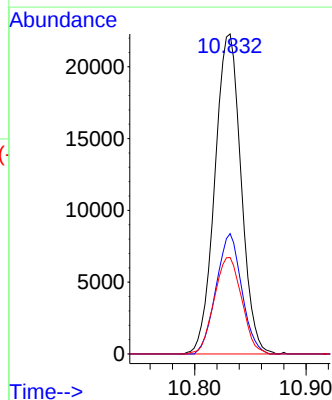
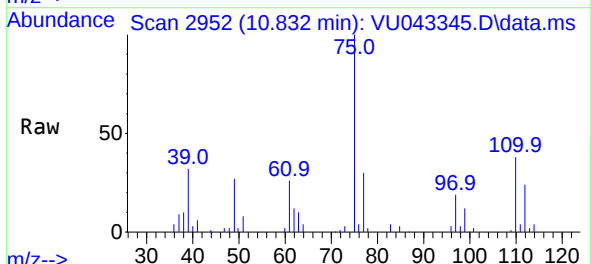
Ion	Ratio	Lower	Upper
105	100		
120	26.2	20.9	31.3
77	17.5	11.8	17.8

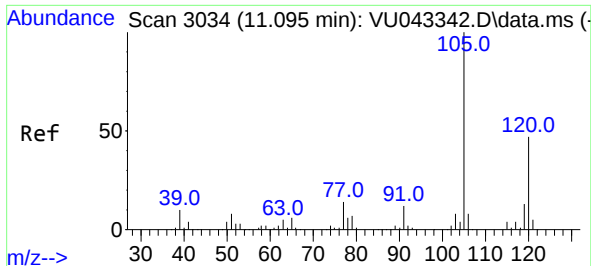


#61
1,2,3-Trichloropropane
Concen: 4.96 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion: 75 Resp: 36437

Ion	Ratio	Lower	Upper
75	100		
110	36.7	31.5	47.3
77	31.6	26.3	39.5

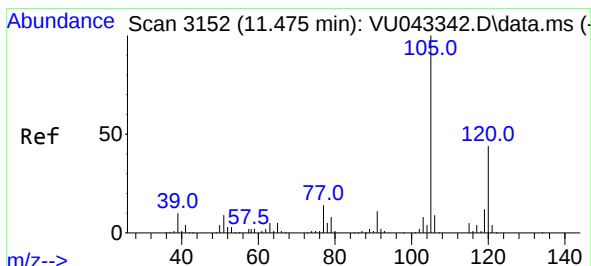
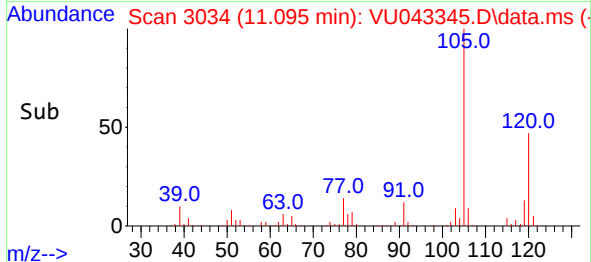
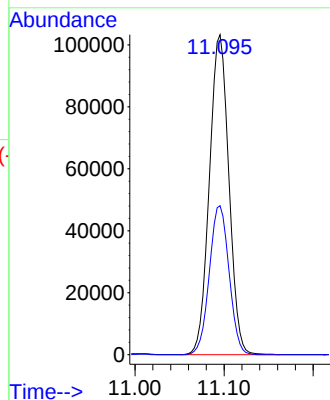
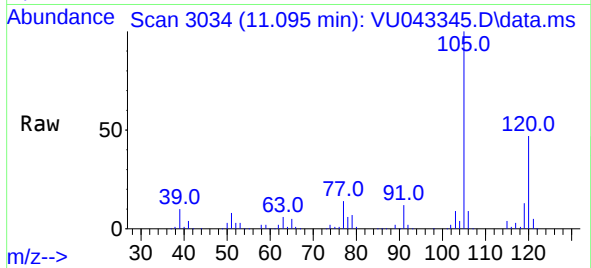




#62
1,3,5-Trimethylbenzene
Concen: 4.20 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

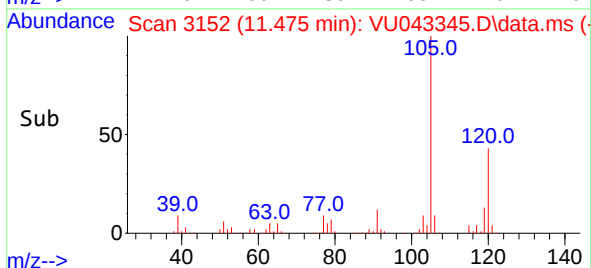
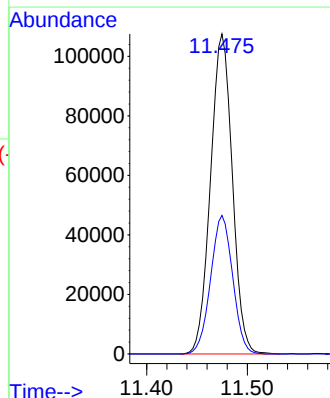
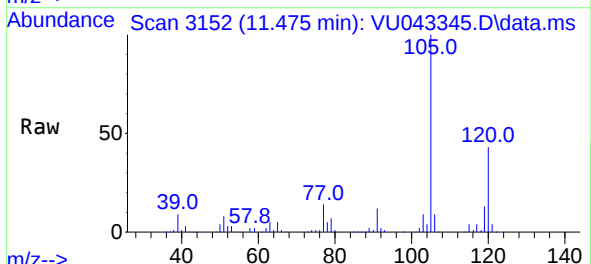
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

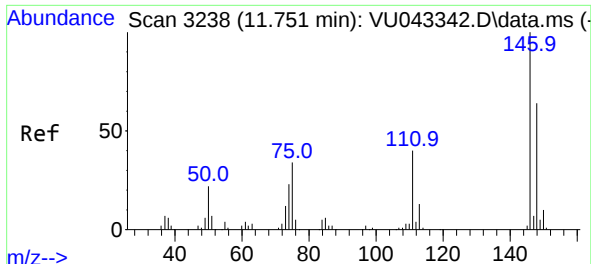
Tgt Ion:105 Resp: 156542
Ion Ratio Lower Upper
105 100
120 47.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.23 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:105 Resp: 161972
Ion Ratio Lower Upper
105 100
120 43.7 36.7 55.1

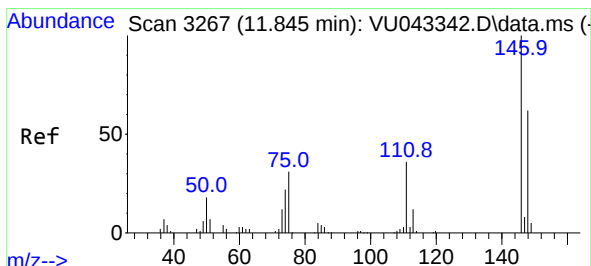
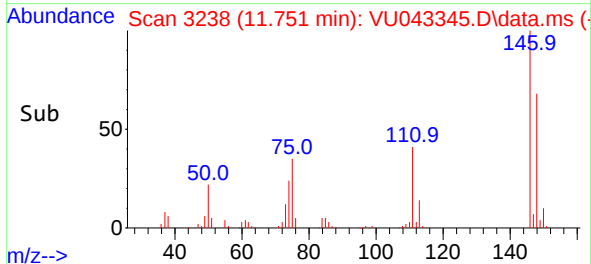
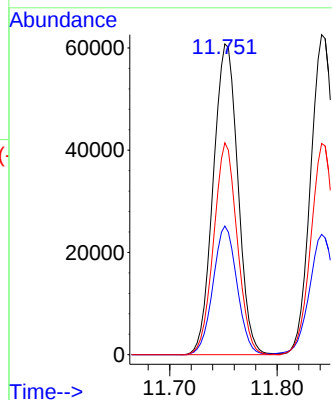
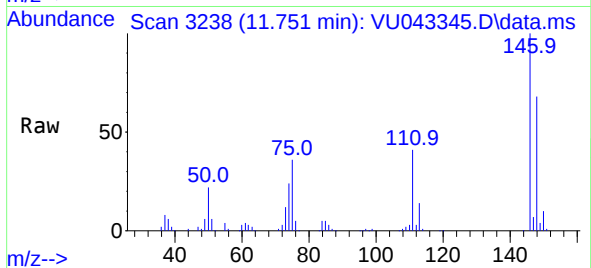




#64
1,3-Dichlorobenzene
Concen: 4.48 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

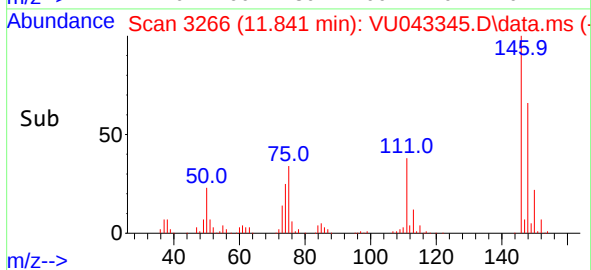
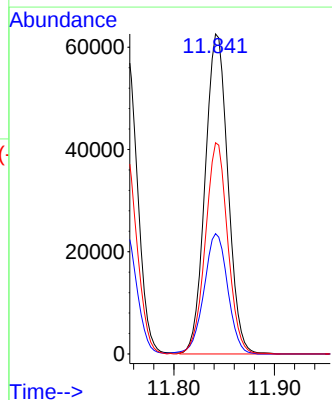
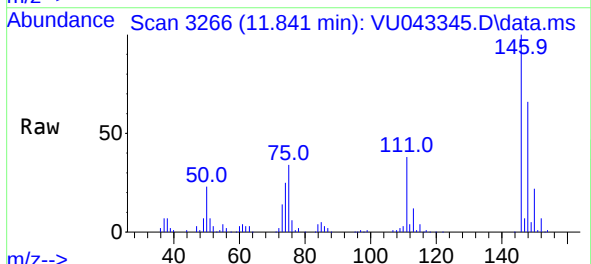
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

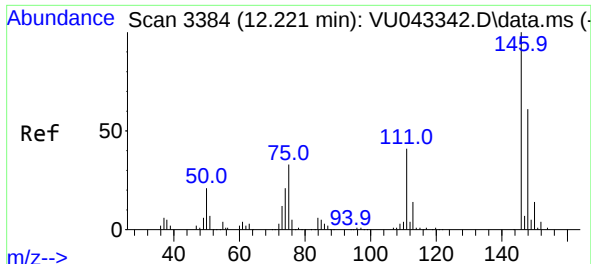
Tgt Ion:146 Resp: 97037
Ion Ratio Lower Upper
146 100
111 41.4 27.6 51.2
148 68.2 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.50 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:146 Resp: 98648
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.5
148 66.0 43.9 81.5

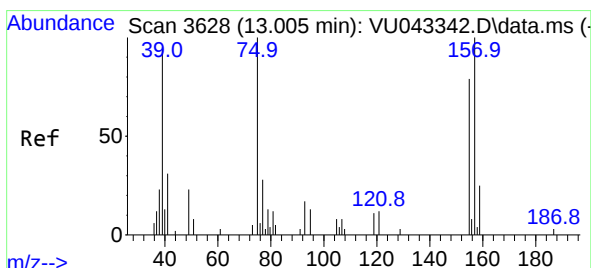
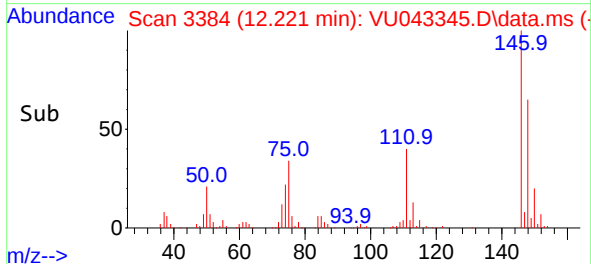
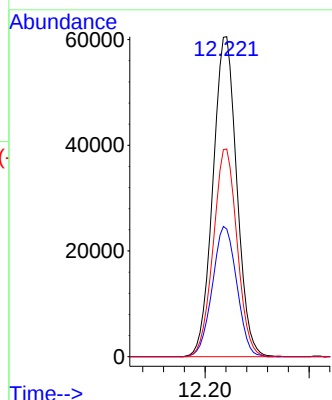
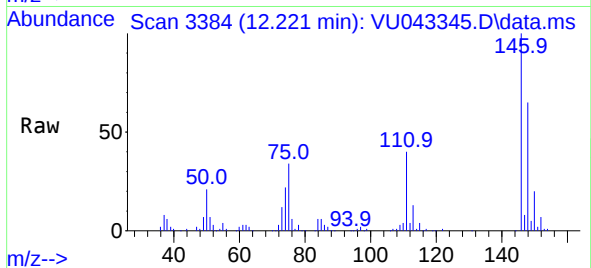




#67
1,2-Dichlorobenzene
Concen: 4.60 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

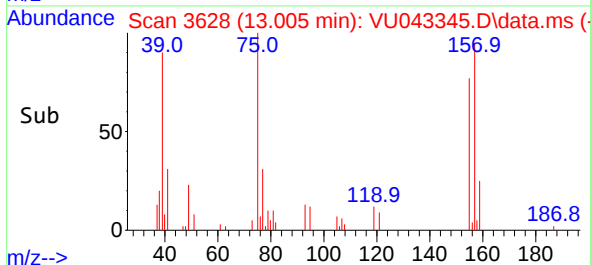
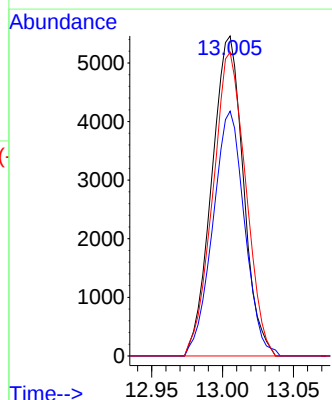
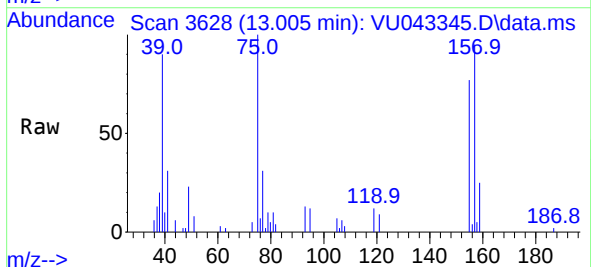
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

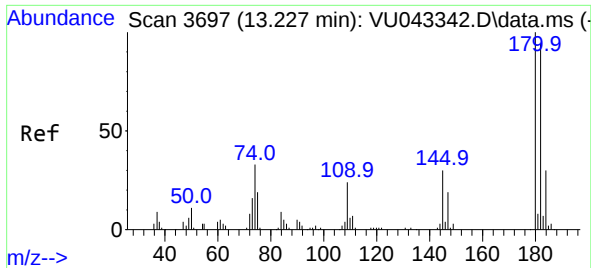
Tgt Ion:	146	Resp:	96683
Ion	Ratio	Lower	Upper
146	100		
111	39.9	31.9	47.9
148	64.9	48.8	73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.75 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:	75	Resp:	8484
Ion	Ratio	Lower	Upper
75	100		
155	76.5	67.8	101.8
157	94.9	82.4	123.6



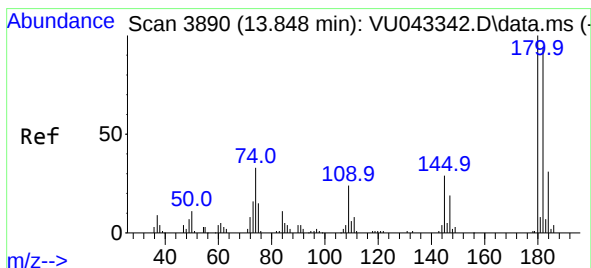
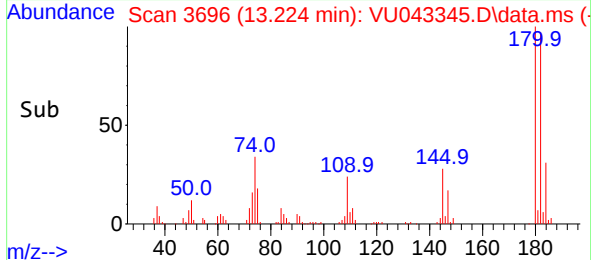
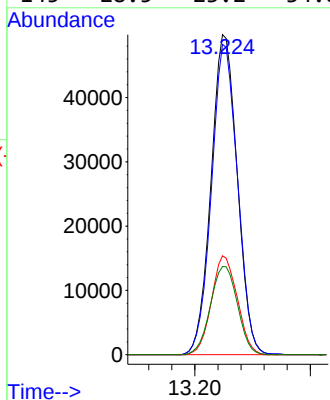
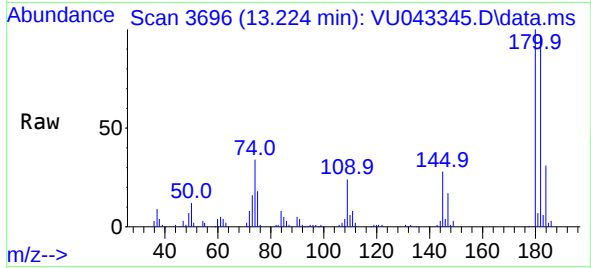


#69
1,3,5-Trichlorobenzene
Concen: 4.41 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. -0.003 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion:180 Resp: 78178

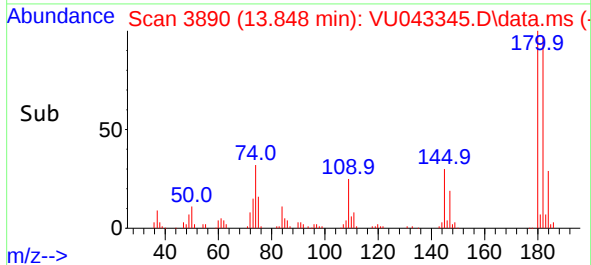
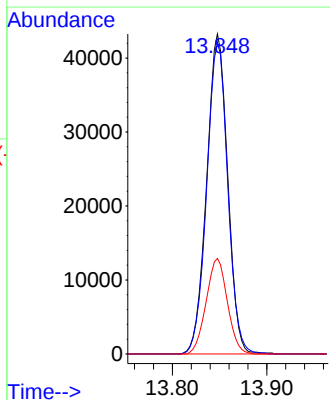
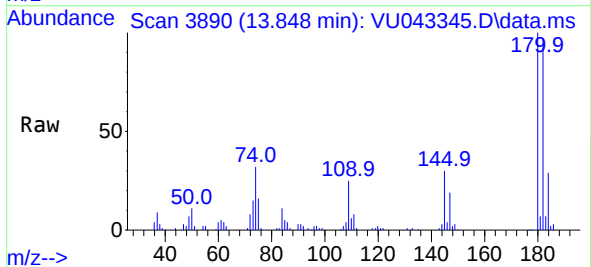
Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
184	30.4	24.0	36.0
145	28.5	23.2	34.8

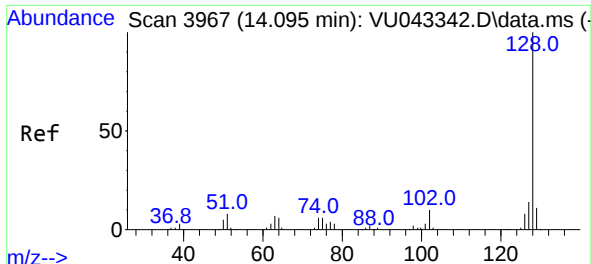


#70
1,2,4-trichlorobenzene
Concen: 4.55 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:180 Resp: 66807

Ion	Ratio	Lower	Upper
180	100		
182	97.2	76.5	114.7
145	30.0	24.1	36.1



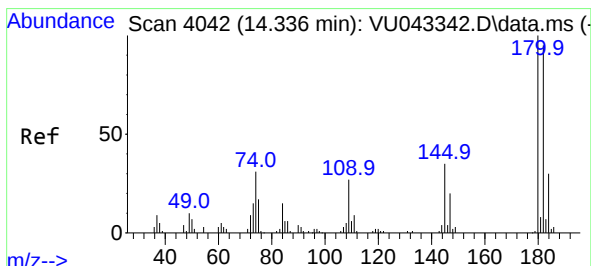
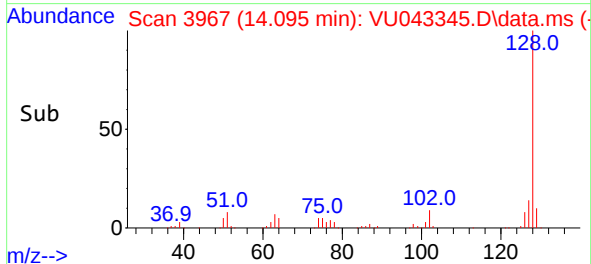
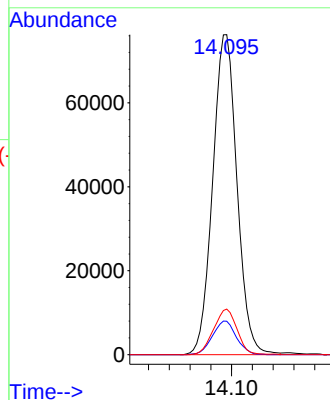
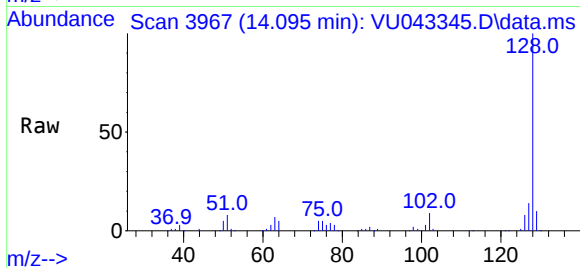


#71
Naphthalene
Concen: 5.00 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MSD

Tgt Ion:128 Resp: 123798

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.6	12.8
127	13.7	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.88 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043345.D
Acq: 27 Apr 2021 11:39

Tgt Ion:180 Resp: 65695

Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.8	113.8
145	30.8	25.0	37.4

