

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043464.D
 Acq On : 30 Apr 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 13:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	93040	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	92861	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47050	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21909	4.63	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.60%
7) Chloroethane-d5	1.919	69	20998	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	2.575	65	14571	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.40%
20) 2-Butanone-d5	4.655	46	136743	65.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.80%#
24) Chloroform-d	5.076	84	65710	5.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.20%
26) 1,2-Dichloroethane-d4	5.713	65	40540	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.735	84	112386	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.700	67	40065	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.906	98	102119	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloroprop...	8.185	79	15441	4.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
46) 2-Hexanone-d5	8.645	63	83187	52.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.34%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	35504	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	39033	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	32468	5.44	ug/L	99
3) Chloromethane	1.523	50	31715	5.40	ug/L	97
5) Vinyl chloride	1.607	62	32525	5.32	ug/L	98
6) Bromomethane	1.864	94	14746	4.04	ug/L	98
8) Chloroethane	1.941	64	19879	4.51	ug/L	99
9) Trichlorofluoromethane	2.144	101	50908	4.47	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31986	5.20	ug/L	98
12) 1,1-Dichloroethene	2.588	96	26479	5.12	ug/L	77
13) Acetone	2.671	43	84897	55.68	ug/L	# 55
14) Carbon disulfide	2.800	76	66039	5.01	ug/L	99
15) Methyl Acetate	2.970	43	17404	6.07	ug/L	# 87
16) Methylene chloride	3.057	84	34446	5.15	ug/L	# 77
17) Methyl tert-butyl Ether	3.375	73	81608	4.83	ug/L	# 90
18) trans-1,2-Dichloroethene	3.363	96	27956	5.07	ug/L	86
19) 1,1-Dichloroethane	3.880	63	66133	5.51	ug/L	98
21) 2-Butanone	4.735	43	149190	59.29	ug/L	80
22) cis-1,2-Dichloroethene	4.678	96	32208	4.93	ug/L	85
23) Bromochloromethane	4.986	128	15597	5.24	ug/L	# 72
25) Chloroform	5.099	83	66920	5.23	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043464.D
 Acq On : 30 Apr 2021 10:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

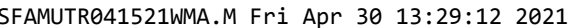
Instrument :
 MSVOA_U
 ClientSampleId :

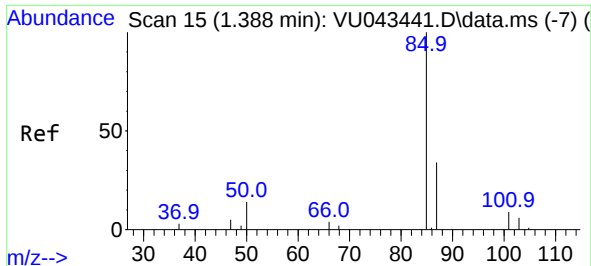
Quant Time: Apr 30 13:28:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 08:34:29 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	49165	5.23	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	54792	4.78	ug/L #	92
30) Cyclohexane	5.398	56	47222	4.81	ug/L #	83
31) Carbon tetrachloride	5.536	117	44832	4.69	ug/L	100
33) Benzene	5.784	78	128336	5.17	ug/L	100
34) Trichloroethene	6.552	95	32229	4.71	ug/L	95
35) Methylcyclohexane	6.774	83	42384	4.48	ug/L #	84
37) 1,2-Dichloropropane	6.800	63	38413	5.50	ug/L #	97
38) Bromodichloromethane	7.115	83	48783	5.20	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	50228	4.92	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	351168	56.15	ug/L #	83
42) Toluene	7.976	91	137316	4.95	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	46971	4.88	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	26792	5.13	ug/L	93
47) Tetrachloroethene	8.558	164	23773	4.38	ug/L	96
48) 2-Hexanone	8.697	43	266157	57.84	ug/L #	83
49) Dibromochloromethane	8.819	129	31238	4.74	ug/L	92
50) 1,2-Dibromoethane	8.931	107	25011	4.81	ug/L	98
51) Chlorobenzene	9.456	112	84950	4.80	ug/L	94
52) Ethylbenzene	9.578	91	145406	4.58	ug/L	96
53) m,p-Xylene	9.700	106	52866	4.55	ug/L	85
54) o-Xylene	10.108	106	50898	4.42	ug/L	87
55) Styrene	10.121	104	91029	4.61	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	36954	5.38	ug/L	97
59) Bromoform	10.298	173	17988	4.68	ug/L #	98
60) Isopropylbenzene	10.491	105	142981	4.74	ug/L	97
61) 1,2,3-Trichloropropane	10.832	75	27261	5.61	ug/L	95
62) 1,3,5-Trimethylbenzene	11.095	105	112613	4.56	ug/L	96
63) 1,2,4-Trimethylbenzene	11.475	105	114942	4.53	ug/L	96
64) 1,3-Dichlorobenzene	11.751	146	69960	4.88	ug/L	99
65) 1,4-Dichlorobenzene	11.845	146	70367	4.84	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	68928	4.95	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	6276	5.30	ug/L	86
69) 1,3,5-Trichlorobenzene	13.227	180	53714	4.57	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	45760	4.70	ug/L	98
71) Naphthalene	14.095	128	82703	5.04	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	44548	4.99	ug/L	99

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

Quant Time: Apr 30 13:28:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 30 08:34:29 2021
Response via : Initial Calibration

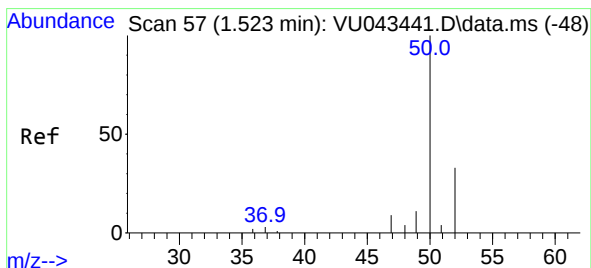
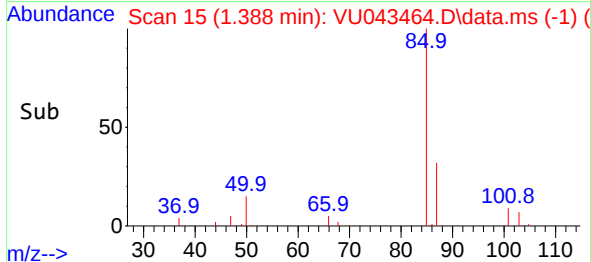
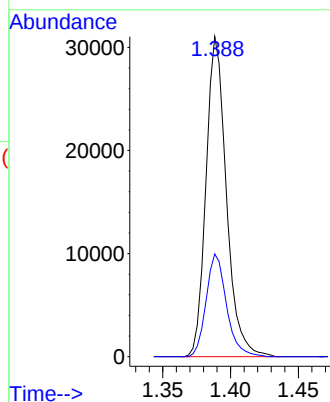
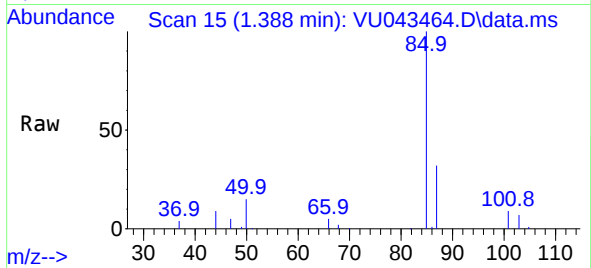




#2
Dichlorodifluoromethane
Concen: 5.44 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

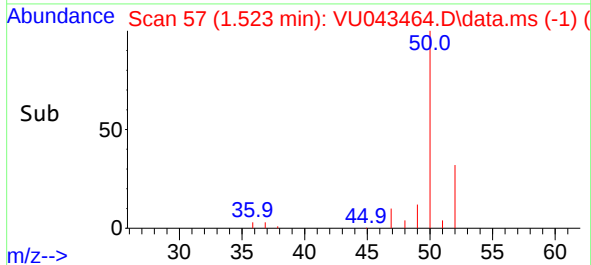
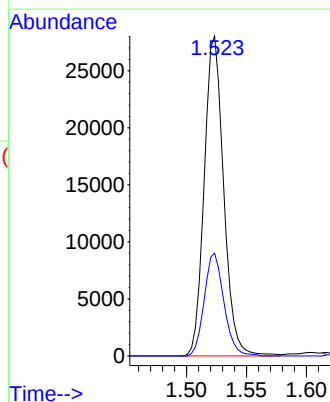
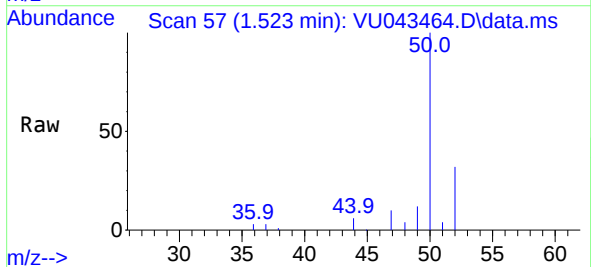
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 85 Resp: 32468
Ion Ratio Lower Upper
85 100
87 32.1 26.3 39.5

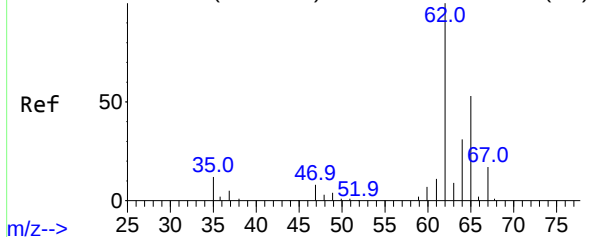


#3
Chloromethane
Concen: 5.40 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 50 Resp: 31715
Ion Ratio Lower Upper
50 100
52 32.1 23.6 43.8



Abundance Scan 83 (1.607 min): VU043441.D\data.ms (-74)



#5

Vinyl chloride

Concen: 5.32 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU043464.D

Acq: 30 Apr 2021 10:02

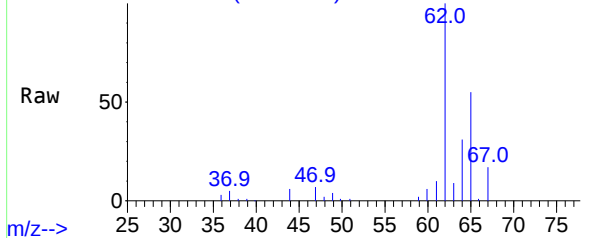
Tgt Ion: 62 Resp: 32525

Ion Ratio Lower Upper

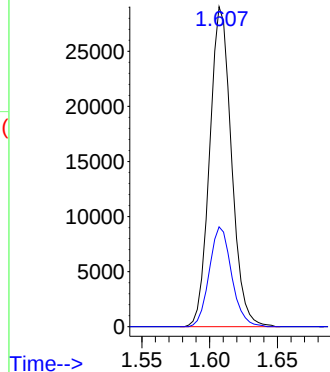
62 100

64 31.2 22.8 42.4

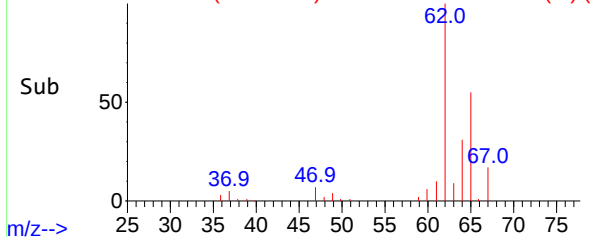
Abundance Scan 83 (1.607 min): VU043464.D\data.ms



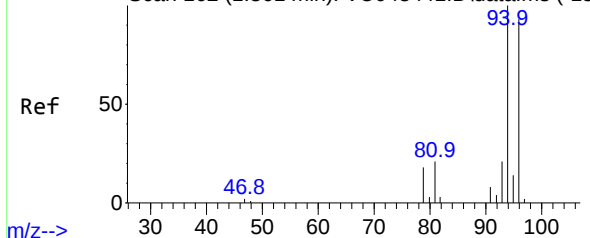
Abundance



Abundance Scan 83 (1.607 min): VU043464.D\data.ms (-1)



Abundance Scan 162 (1.861 min): VU043441.D\data.ms (-15)



#6

Bromomethane

Concen: 4.04 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.003 min

Lab File: VU043464.D

Acq: 30 Apr 2021 10:02

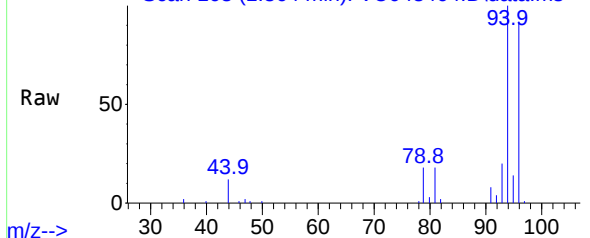
Tgt Ion: 94 Resp: 14746

Ion Ratio Lower Upper

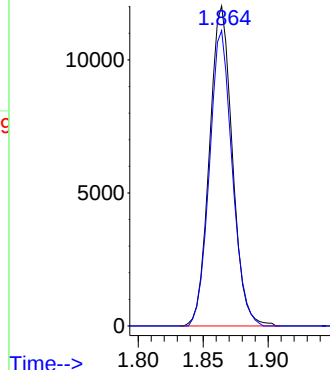
94 100

96 92.3 66.1 122.7

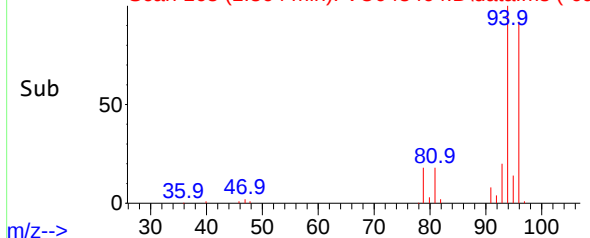
Abundance Scan 163 (1.864 min): VU043464.D\data.ms

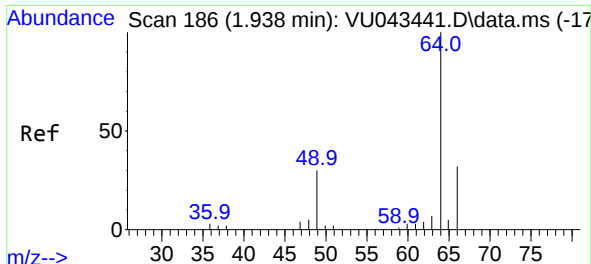


Abundance



Abundance Scan 163 (1.864 min): VU043464.D\data.ms (-69)

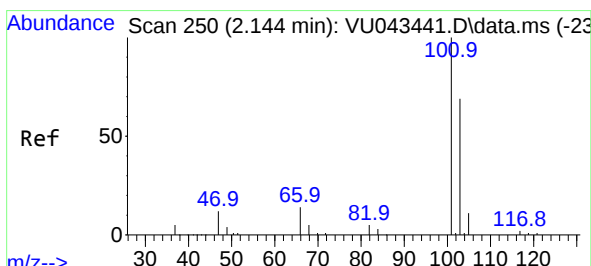
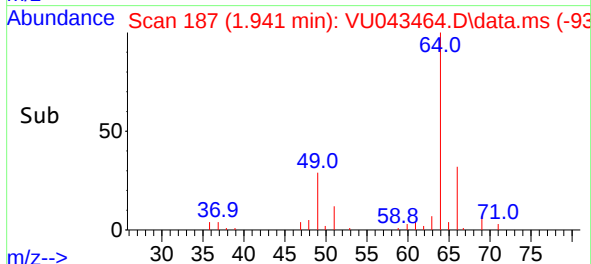
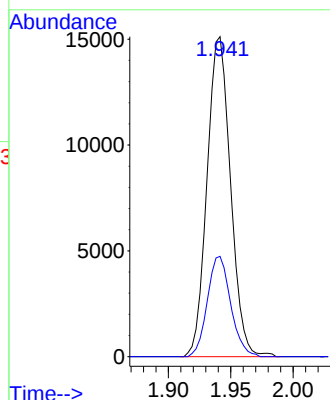
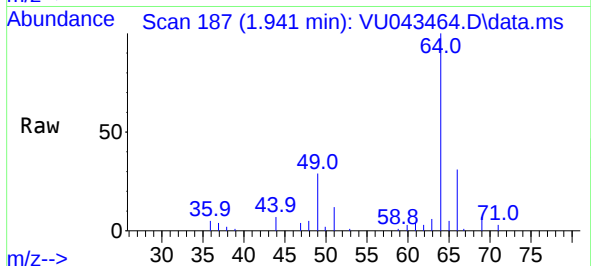




#8
Chloroethane
Concen: 4.51 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

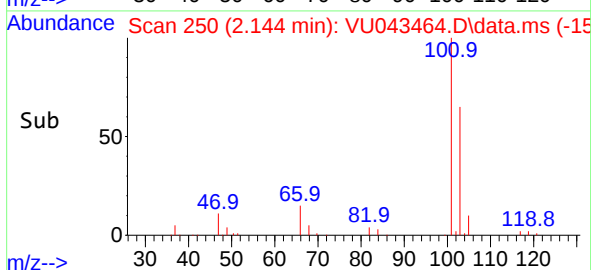
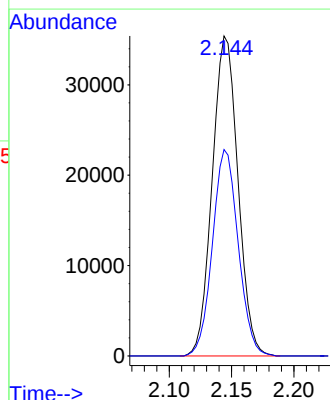
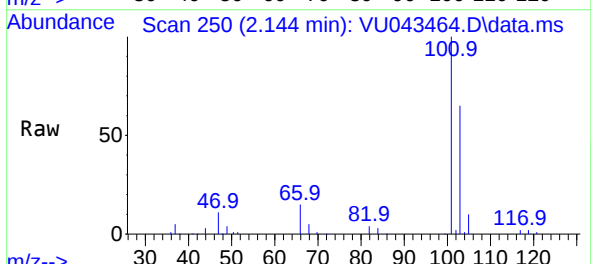
Instrument :
MSVOA_U
ClientSampled :

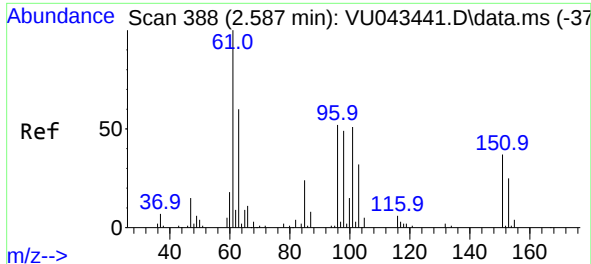
Tgt Ion: 64 Resp: 19879
Ion Ratio Lower Upper
64 100
66 31.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.47 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:101 Resp: 50908
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

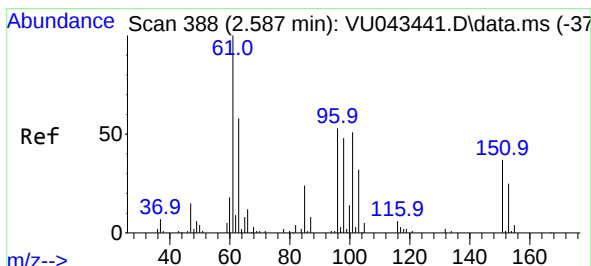
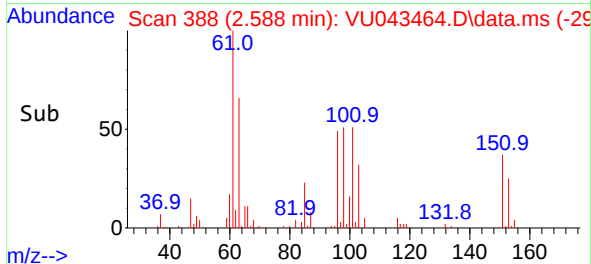
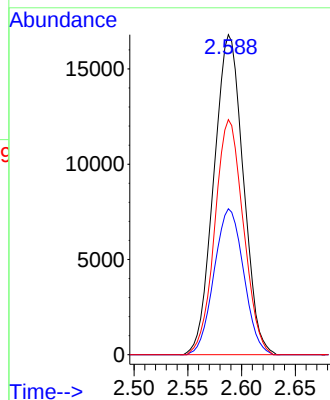
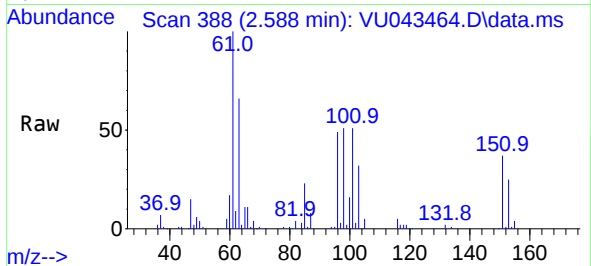




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.20 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

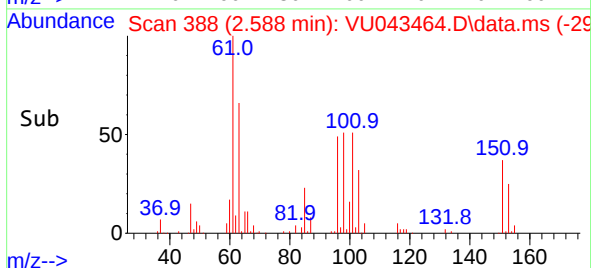
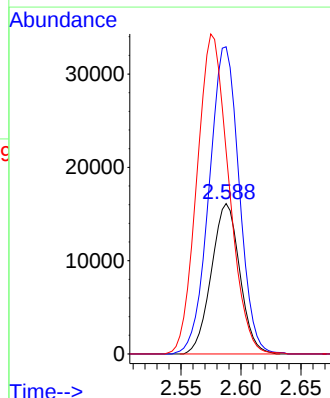
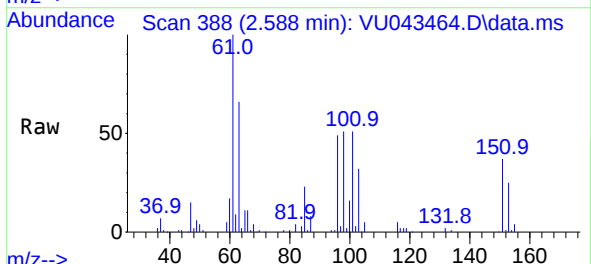
Instrument :
MSVOA_U
ClientSampled :

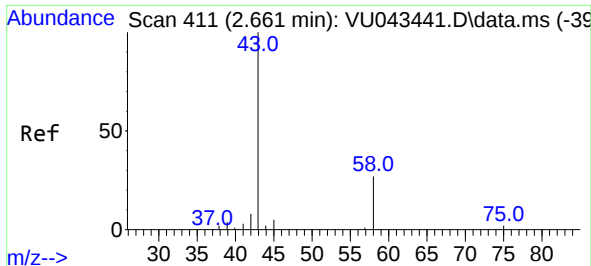
Tgt Ion:101 Resp: 31986
Ion Ratio Lower Upper
101 100
85 45.8 34.5 51.7
151 71.5 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.12 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 96 Resp: 26479
Ion Ratio Lower Upper
96 100
61 204.2 115.1 213.7
63 134.9 84.1 156.1

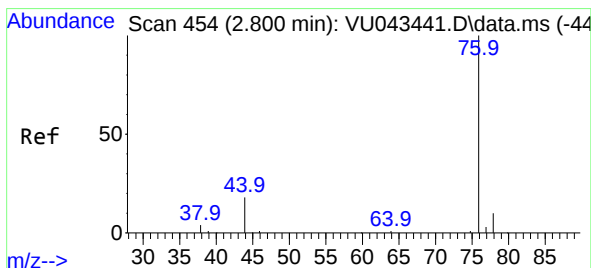
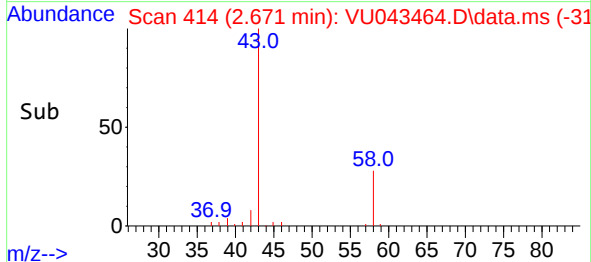
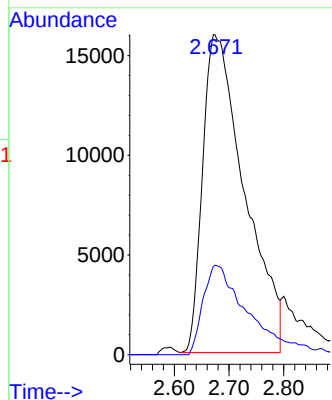
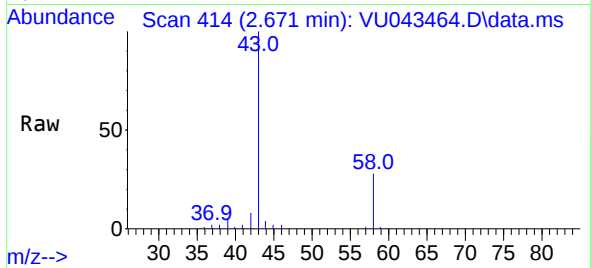




#13
Acetone
Concen: 55.68 ug/L
RT: 2.671 min Scan# 414
Delta R.T. 0.010 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

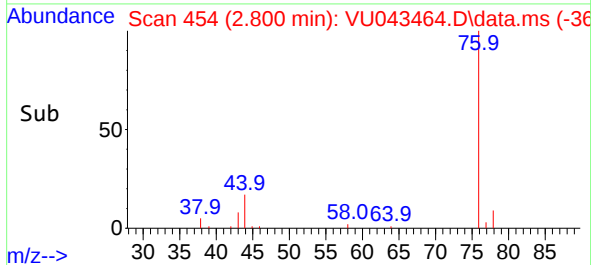
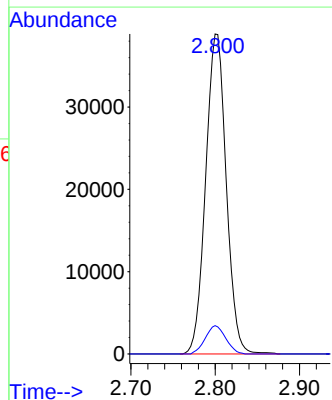
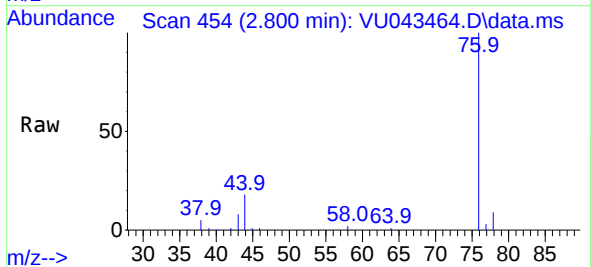
Instrument :
MSVOA_U
ClientSampled :

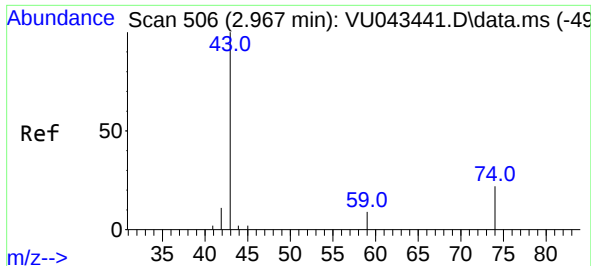
Tgt Ion: 43 Resp: 84897
Ion Ratio Lower Upper
43 100
58 30.2 0.0 25.0#



#14
Carbon disulfide
Concen: 5.01 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 76 Resp: 66039
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

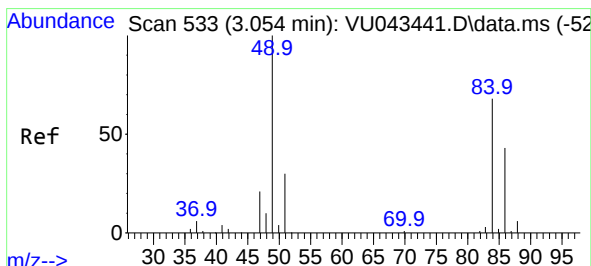
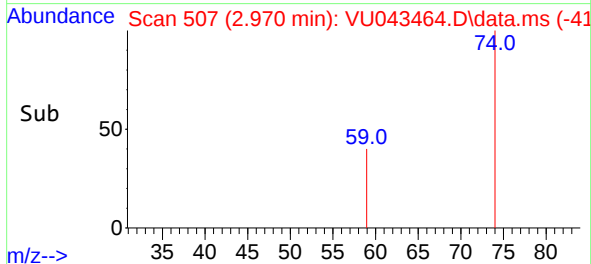
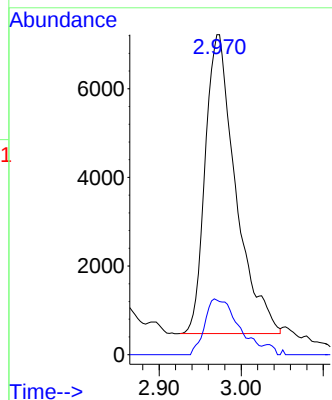
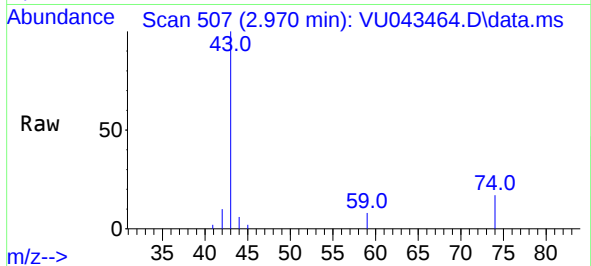




#15
Methyl Acetate
Concen: 6.07 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

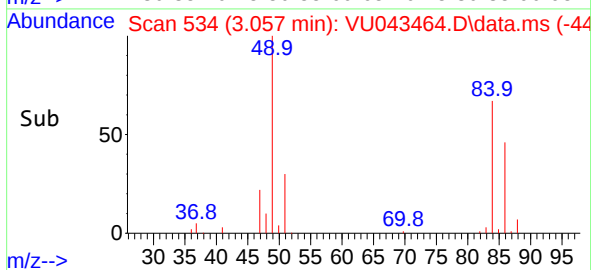
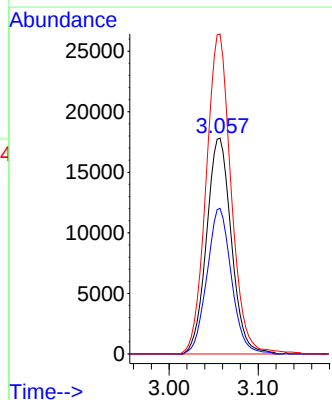
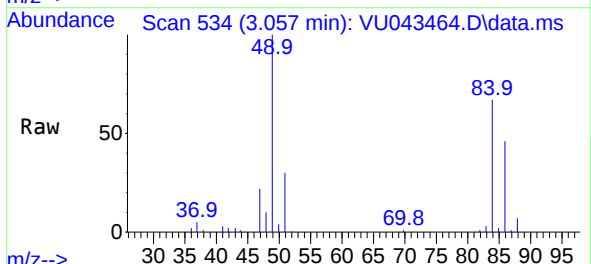
Instrument :
MSVOA_U
ClientSampled :

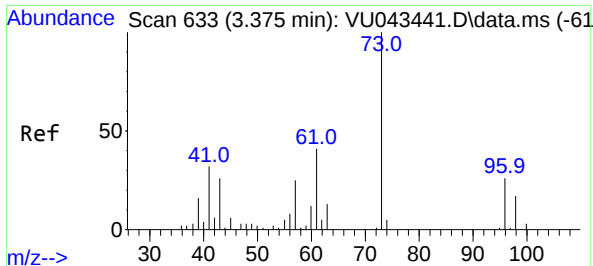
Tgt Ion: 43 Resp: 17404
Ion Ratio Lower Upper
43 100
74 20.4 21.5 32.3#



#16
Methylene chloride
Concen: 5.15 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 84 Resp: 34446
Ion Ratio Lower Upper
84 100
86 67.5 44.9 83.5
49 148.2 79.0 146.8#



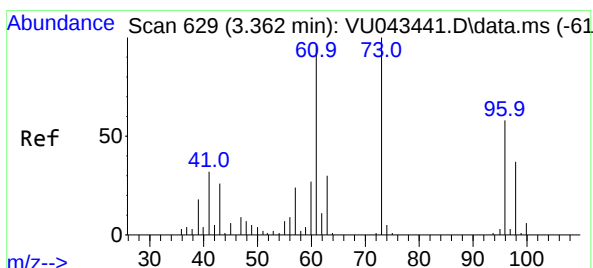
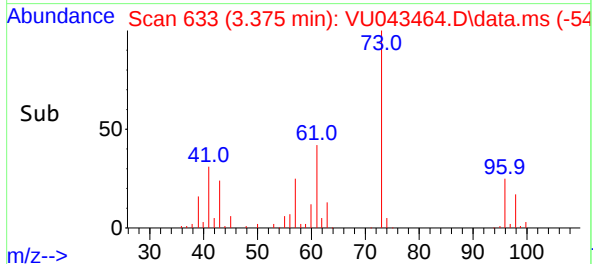
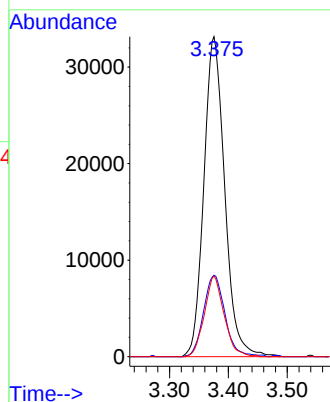
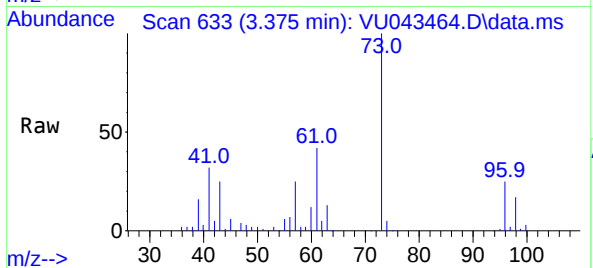


#17
Methyl tert-butyl Ether
Concen: 4.83 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 73 Resp: 81608

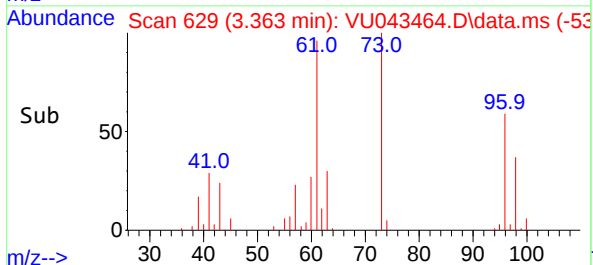
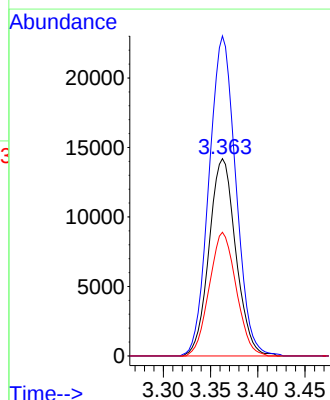
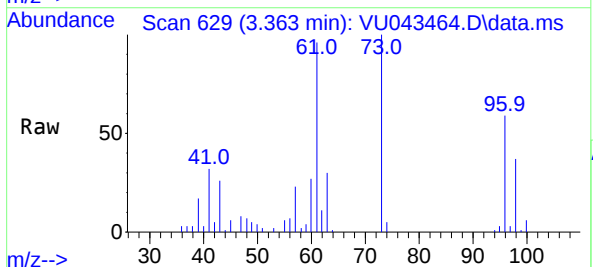
Ion	Ratio	Lower	Upper
73	100		
43	26.0	15.0	22.4#
57	23.8	17.3	25.9

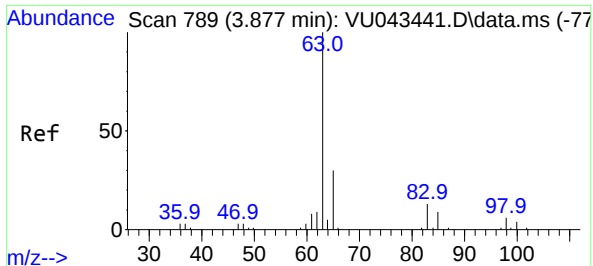


#18
trans-1,2-Dichloroethene
Concen: 5.07 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 96 Resp: 27956

Ion	Ratio	Lower	Upper
96	100		
61	162.2	96.6	179.4
98	62.7	44.7	82.9



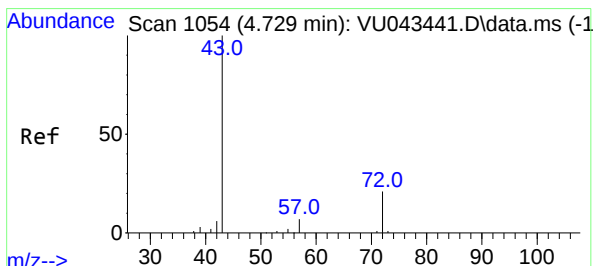
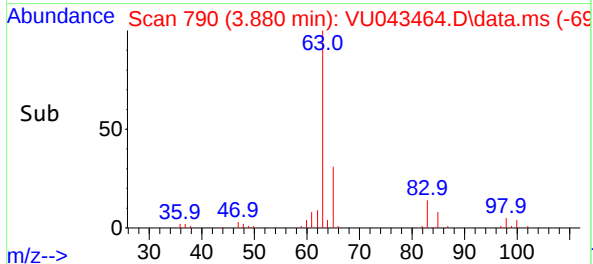
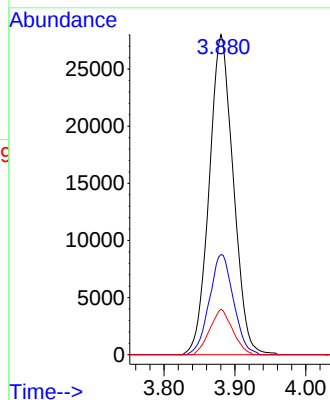
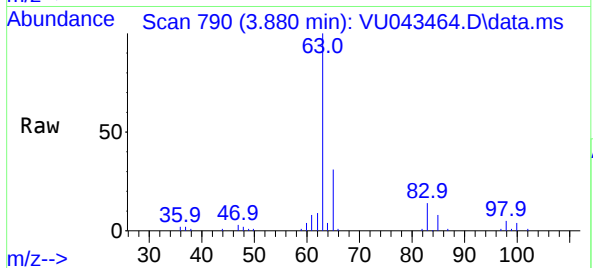


#19

1,1-Dichloroethane
Concen: 5.51 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

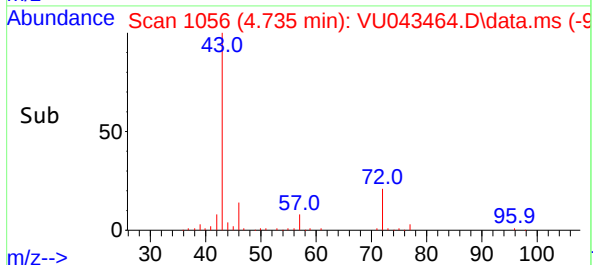
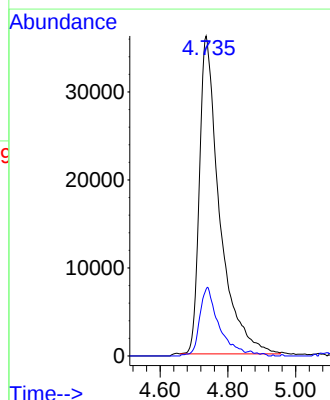
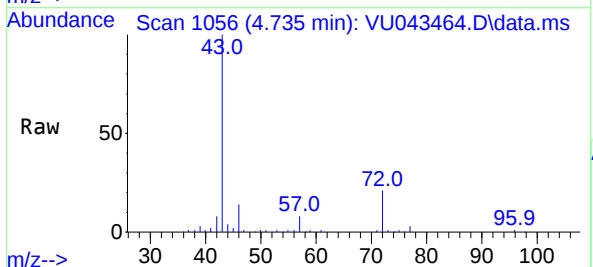
Tgt Ion: 63	Resp: 66133
Ion Ratio	Lower Upper
63 100	
65 31.3	23.2 43.0
83 14.2	9.9 18.3

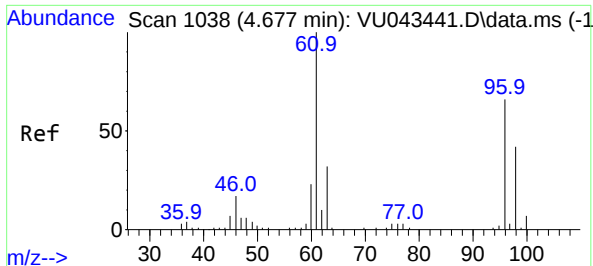


#21

2-Butanone
Concen: 59.29 ug/L
RT: 4.735 min Scan# 1056
Delta R.T. 0.007 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 43	Resp: 149190
Ion Ratio	Lower Upper
43 100	
72 20.5	15.8 47.3



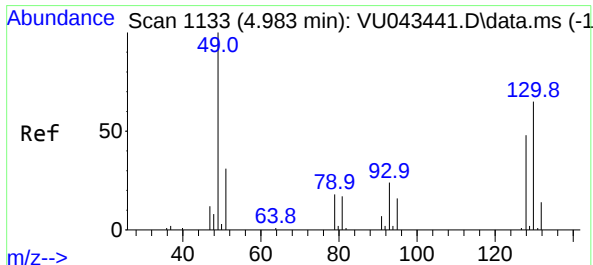
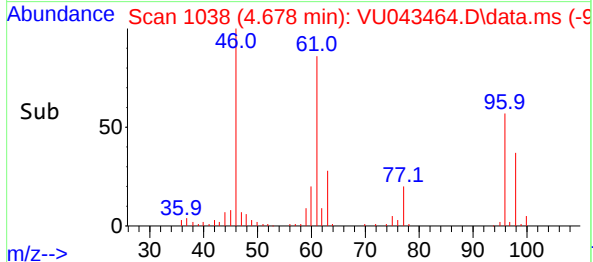
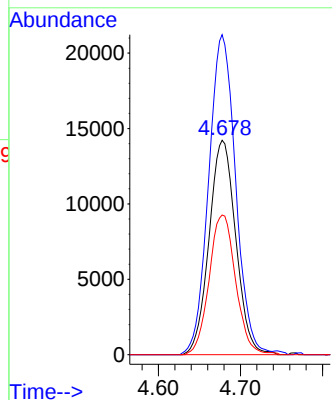
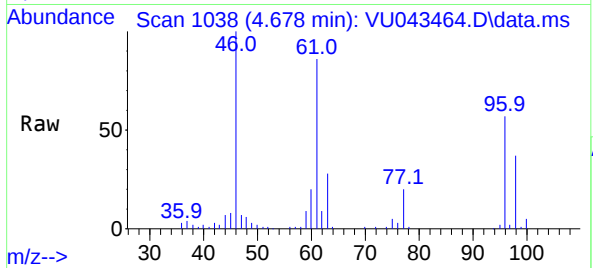


#22
 cis-1,2-Dichloroethene
 Concen: 4.93 ug/L
 RT: 4.678 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VU043464.D
 Acq: 30 Apr 2021 10:02

Instrument :
 MSVOA_U
 ClientSampled :

Tgt Ion: 96 Resp: 32208

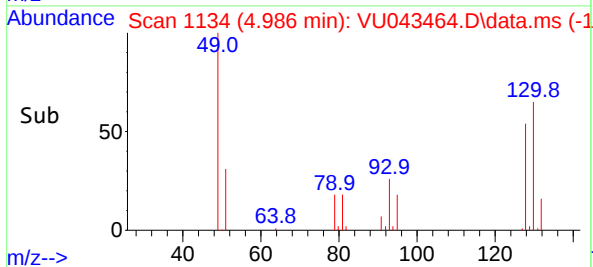
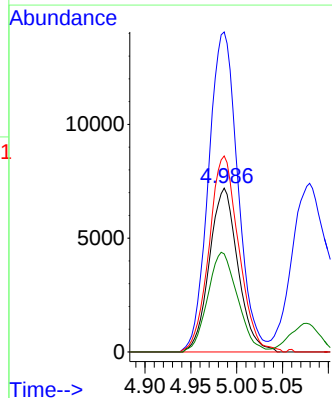
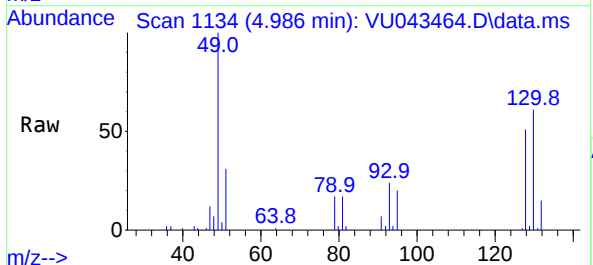
Ion	Ratio	Lower	Upper
96	100		
61	149.3	87.4	162.4
98	65.1	47.7	88.5

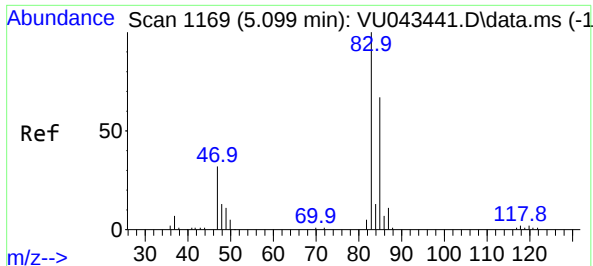


#23
 Bromochloromethane
 Concen: 5.24 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. 0.003 min
 Lab File: VU043464.D
 Acq: 30 Apr 2021 10:02

Tgt Ion: 128 Resp: 15597

Ion	Ratio	Lower	Upper
128	100		
49	195.3	96.4	179.0#
130	119.7	91.2	169.4
51	59.8	35.0	52.6#



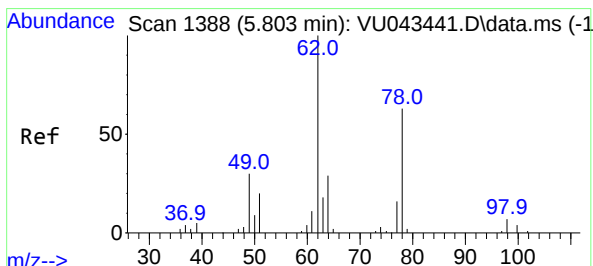
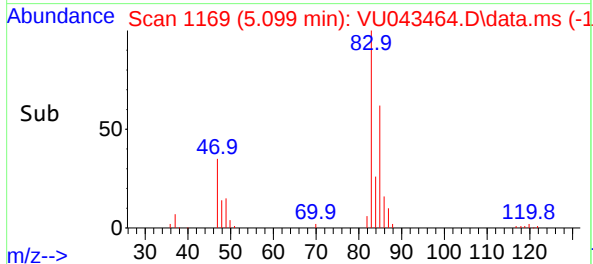
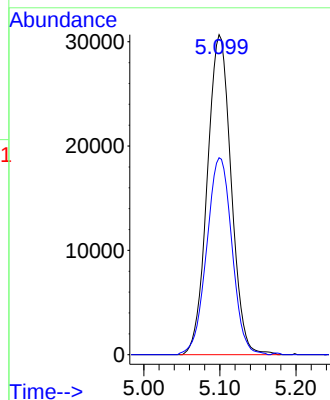
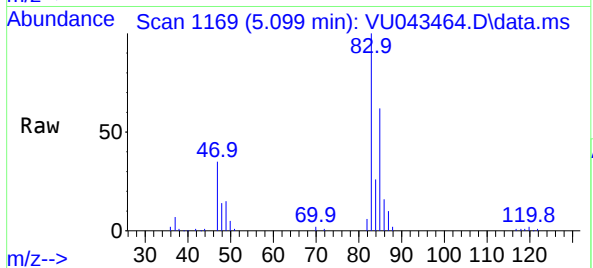


#25

Chloroform
Concen: 5.23 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

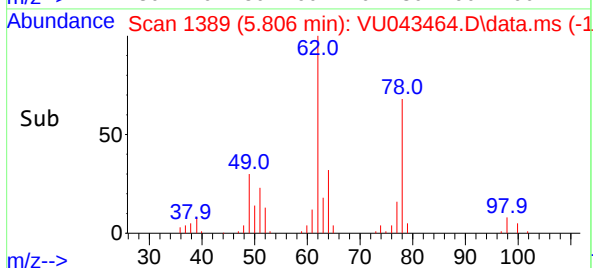
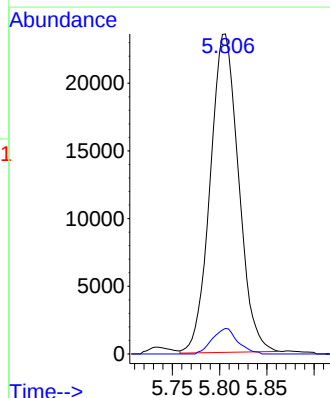
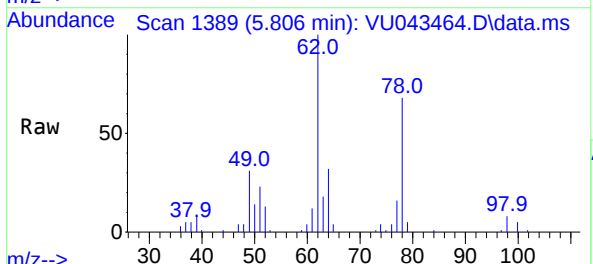
Tgt Ion: 83 Resp: 66920
Ion Ratio Lower Upper
83 100
85 61.5 45.6 84.8

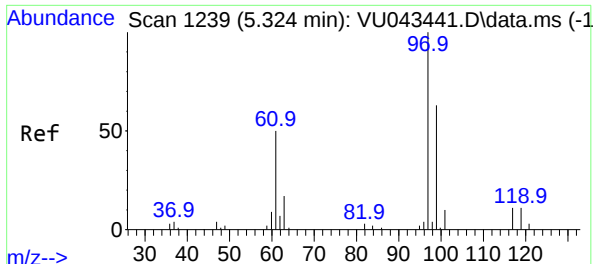


#27

1,2-Dichloroethane
Concen: 5.23 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 62 Resp: 49165
Ion Ratio Lower Upper
62 100
98 8.0 7.5 11.3

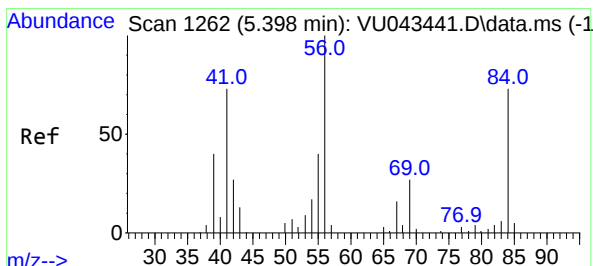
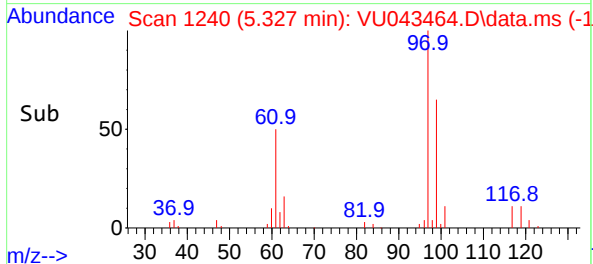
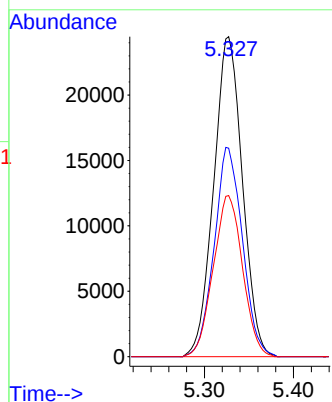
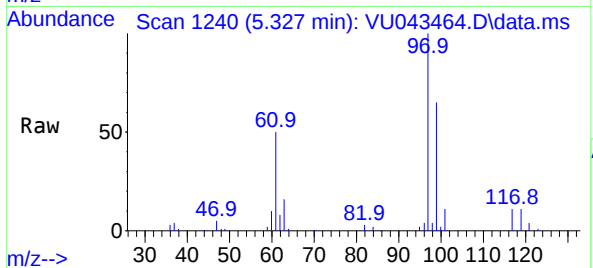




#29
1,1,1-Trichloroethane
Concen: 4.78 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

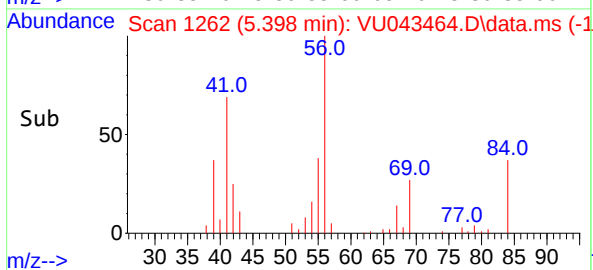
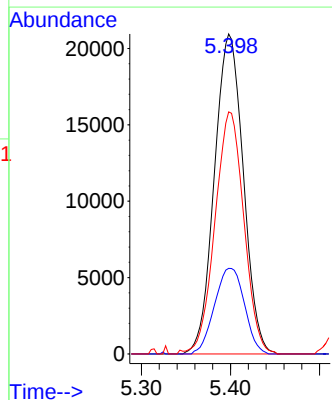
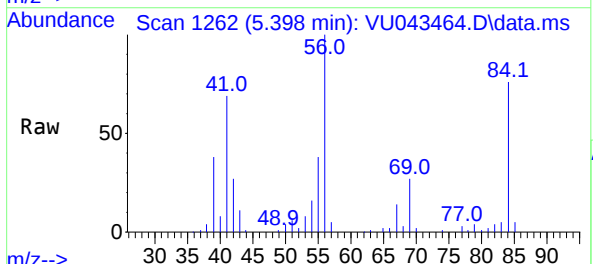
Instrument :
MSVOA_U
ClientSampled :

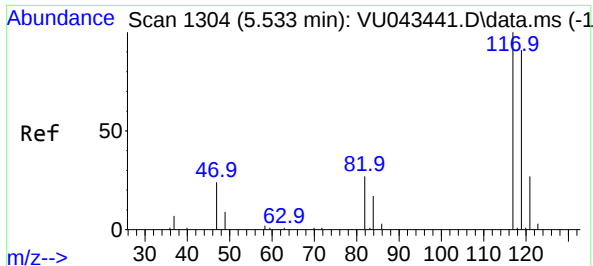
Tgt Ion: 97 Resp: 54792
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 51.4 32.7 49.1#



#30
Cyclohexane
Concen: 4.81 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 56 Resp: 47222
Ion Ratio Lower Upper
56 100
69 27.7 25.2 37.8
84 75.7 76.2 114.4#

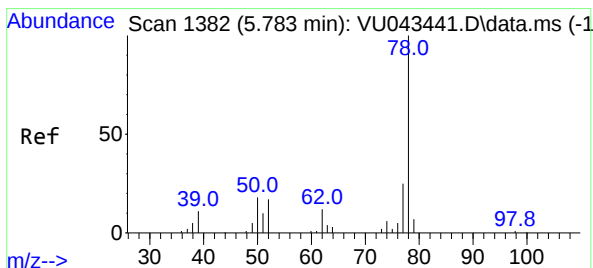
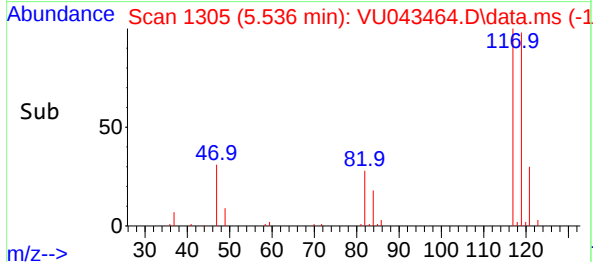
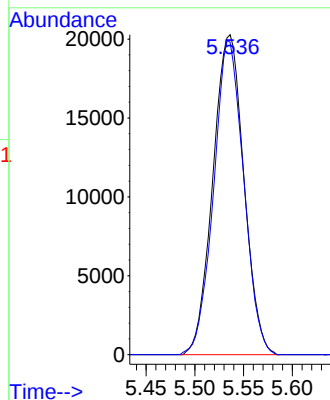
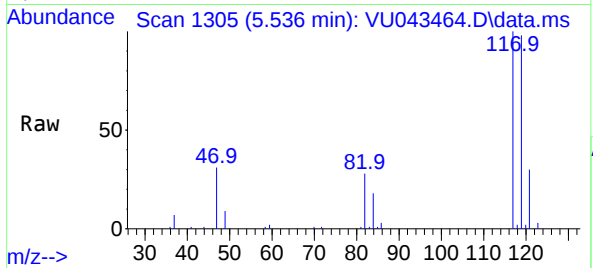




#31
Carbon tetrachloride
Concen: 4.69 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

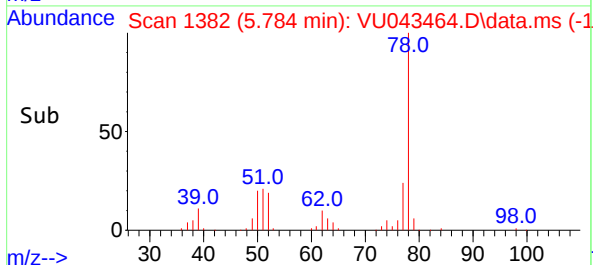
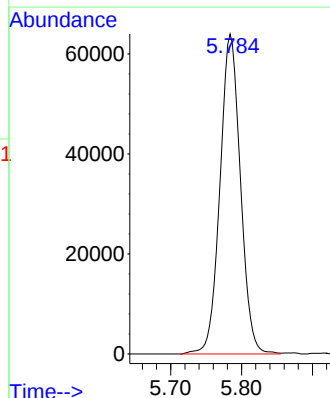
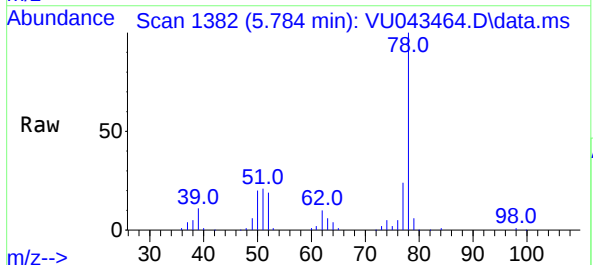
Instrument :
MSVOA_U
ClientSampled :

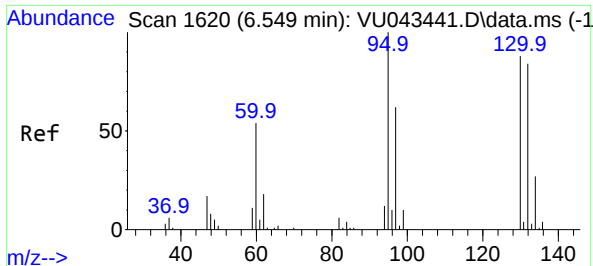
Tgt Ion:117 Resp: 44832
Ion Ratio Lower Upper
117 100
119 95.0 76.2 114.4



#33
Benzene
Concen: 5.17 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 78 Resp: 128336





#34

Trichloroethene

Concen: 4.71 ug/L

RT: 6.552 min Scan# 1621

Delta R.T. 0.003 min

Lab File: VU043464.D

Acq: 30 Apr 2021 10:02

Tgt Ion: 95 Resp: 32229

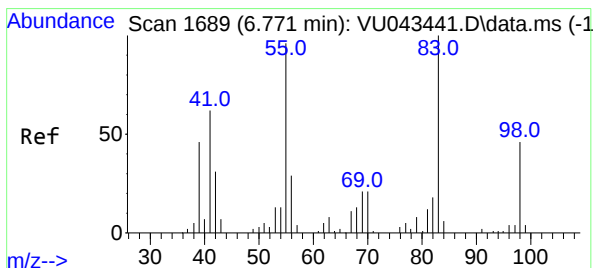
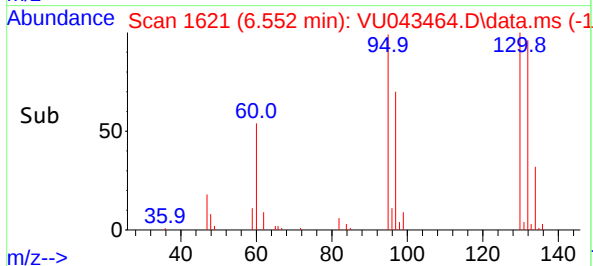
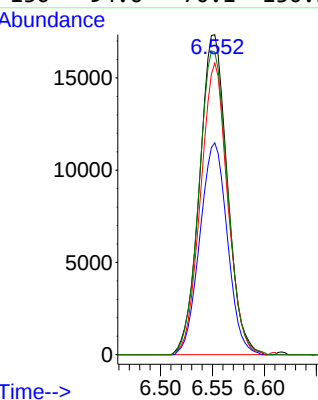
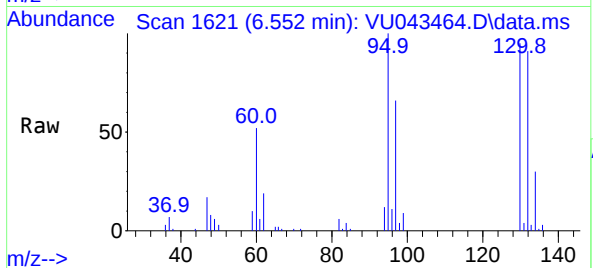
Ion Ratio Lower Upper

95 100

97 66.2 45.8 85.2

132 91.1 68.7 127.7

130 94.6 70.1 130.3



#35

Methylcyclohexane

Concen: 4.48 ug/L

RT: 6.774 min Scan# 1690

Delta R.T. 0.003 min

Lab File: VU043464.D

Acq: 30 Apr 2021 10:02

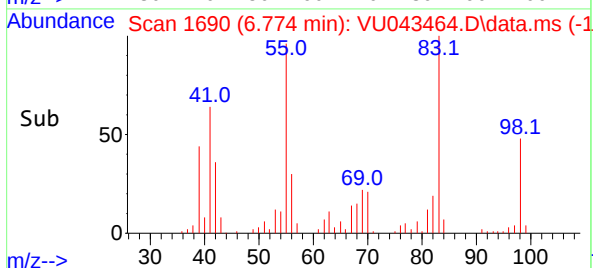
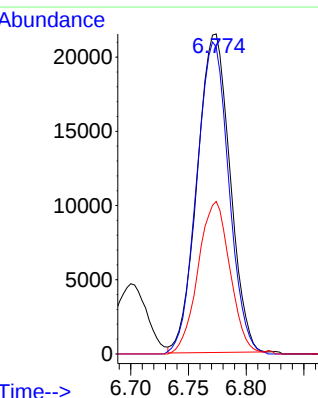
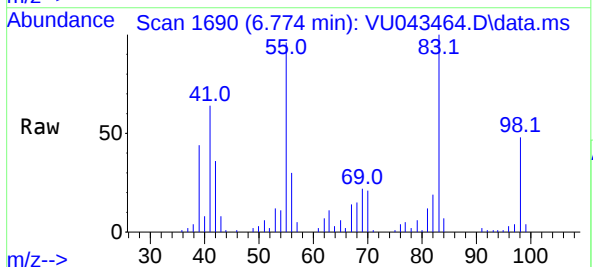
Tgt Ion: 83 Resp: 42384

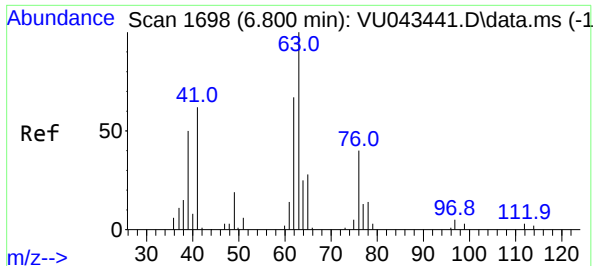
Ion Ratio Lower Upper

83 100

55 95.9 59.5 89.3#

98 46.7 37.9 56.9

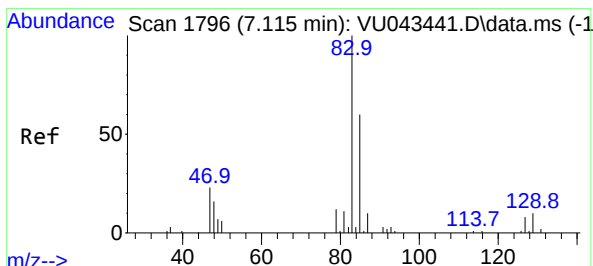
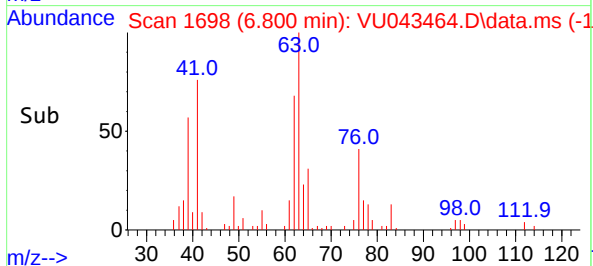
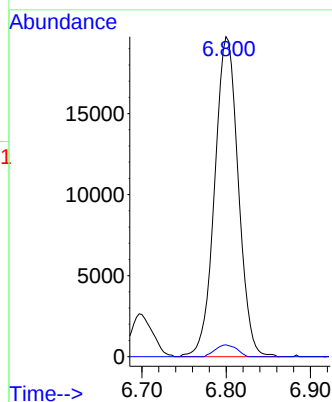
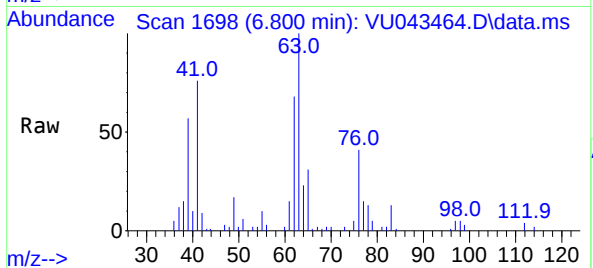




#37
1,2-Dichloropropane
Concen: 5.50 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

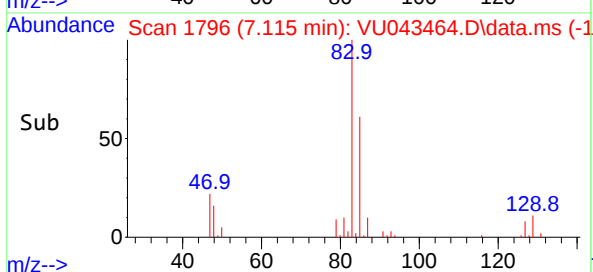
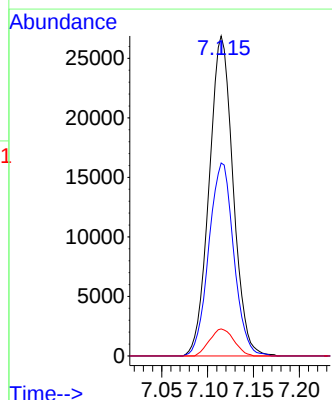
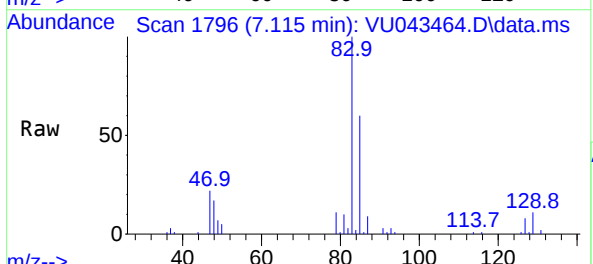
Instrument :
MSVOA_U
ClientSampled :

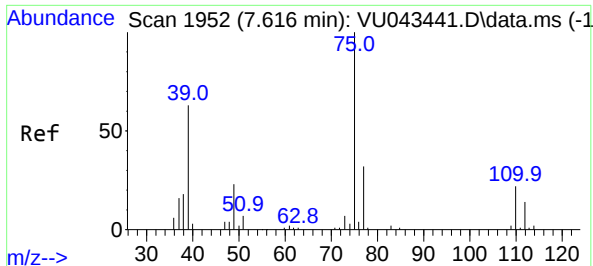
Tgt Ion: 63 Resp: 38413
Ion Ratio Lower Upper
63 100
112 3.4 3.5 5.3#



#38
Bromodichloromethane
Concen: 5.20 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 83 Resp: 48783
Ion Ratio Lower Upper
83 100
85 60.3 44.6 82.8
127 8.4 7.4 11.2



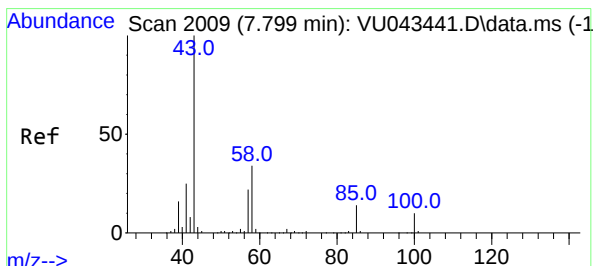
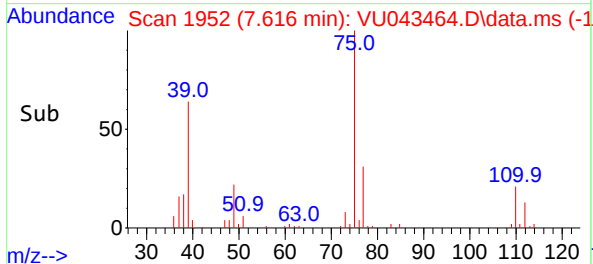
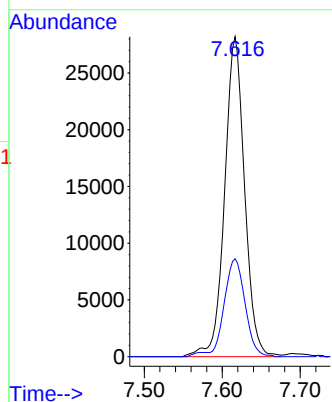
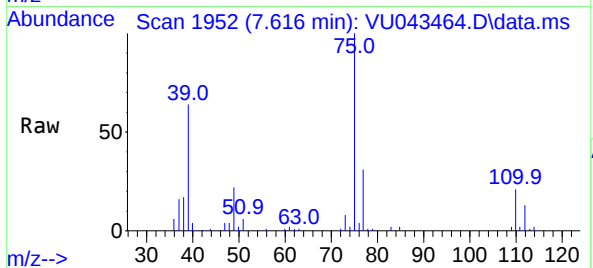


#39

cis-1,3-Dichloropropene
Concen: 4.92 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

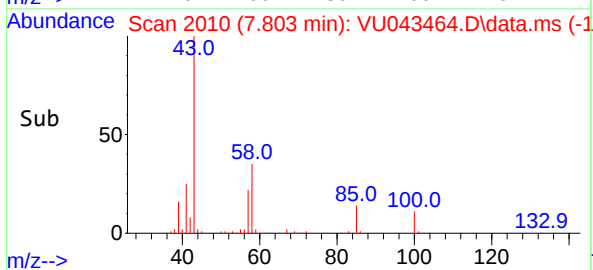
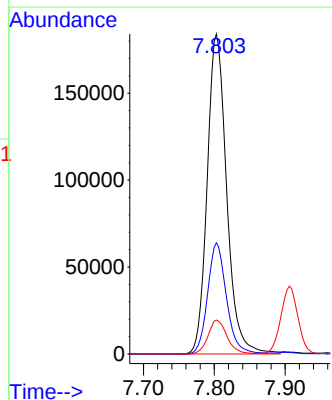
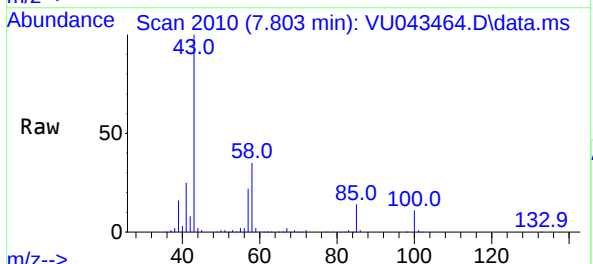
Tgt Ion: 75 Resp: 50228
Ion Ratio Lower Upper
75 100
77 30.6 21.8 40.6

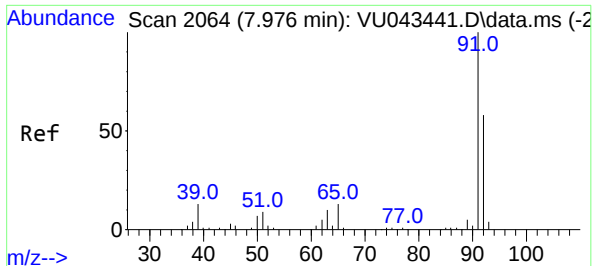


#40

4-Methyl-2-pentanone
Concen: 56.15 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 43 Resp: 351168
Ion Ratio Lower Upper
43 100
58 33.7 35.8 53.6#
100 10.4 15.1 22.7#





#42

Toluene

Concen: 4.95 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VU043464.D

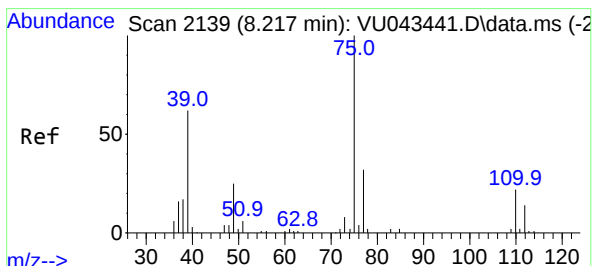
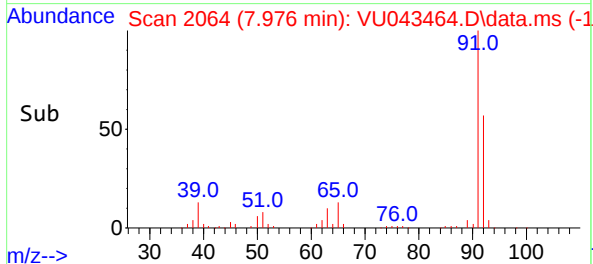
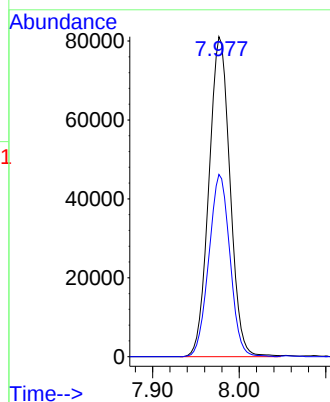
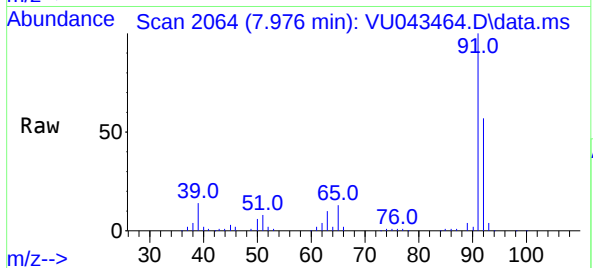
Acq: 30 Apr 2021 10:02

Tgt Ion: 91 Resp: 137316

Ion Ratio Lower Upper

91 100

92 57.0 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 4.88 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. 0.000 min

Lab File: VU043464.D

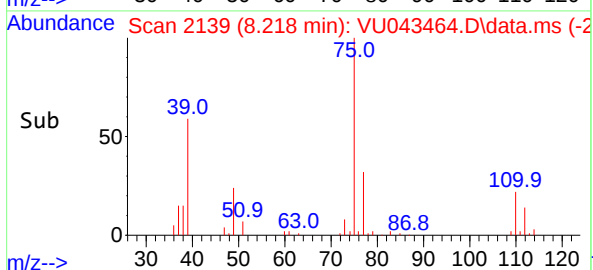
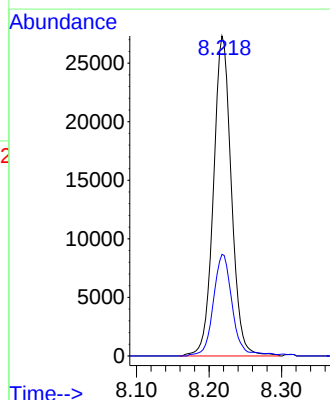
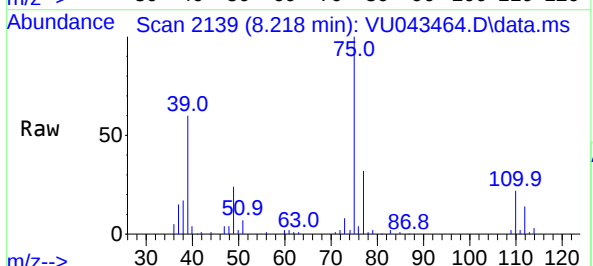
Acq: 30 Apr 2021 10:02

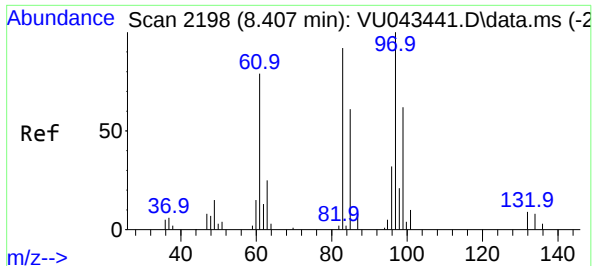
Tgt Ion: 75 Resp: 46971

Ion Ratio Lower Upper

75 100

77 31.8 23.4 43.4



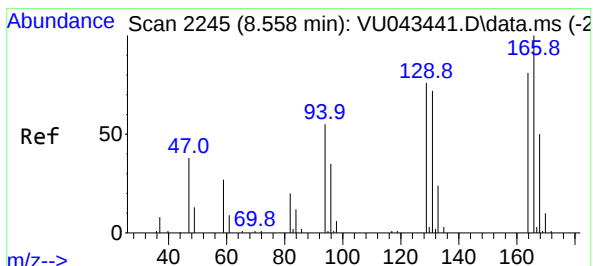
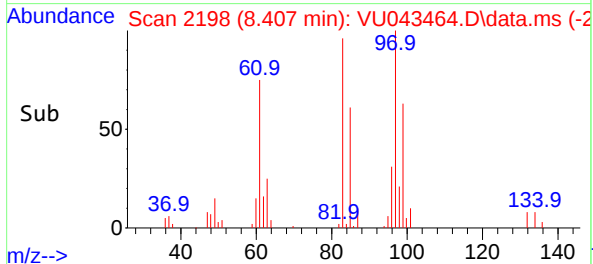
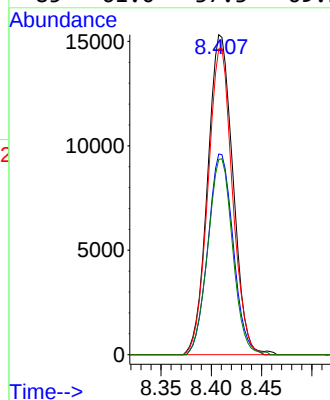
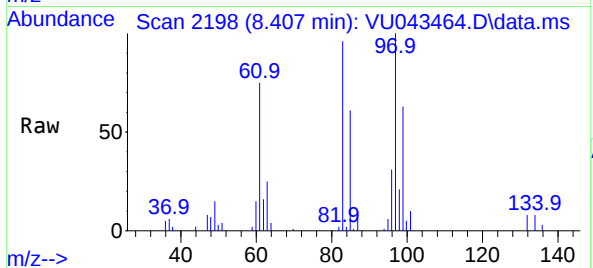


#45
1,1,2-Trichloroethane
Concen: 5.13 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 97 Resp: 26792

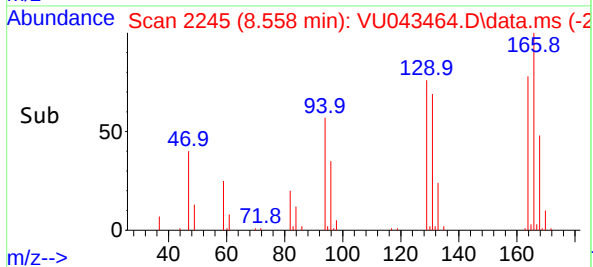
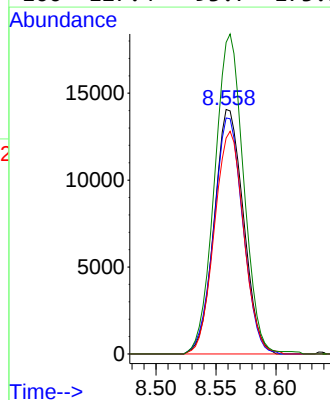
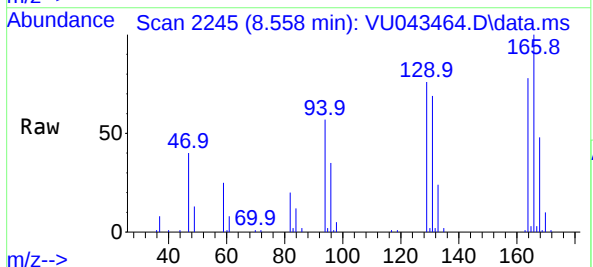
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.2	82.0
83	95.5	60.1	111.7
85	61.0	37.3	69.3

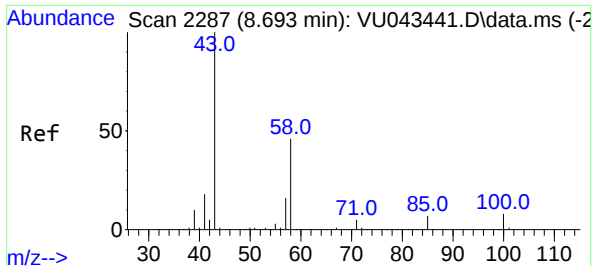


#47
Tetrachloroethene
Concen: 4.38 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 164 Resp: 23773

Ion	Ratio	Lower	Upper
164	100		
129	96.5	66.6	123.8
131	88.3	65.9	122.3
166	127.4	93.7	173.9

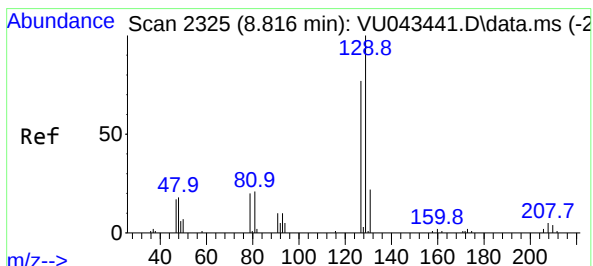
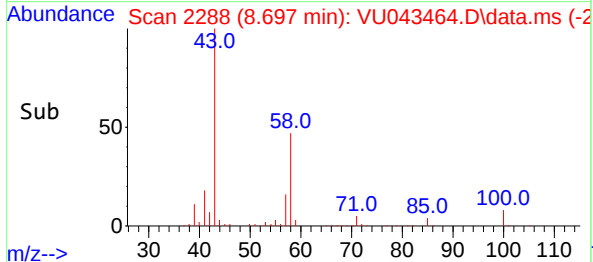
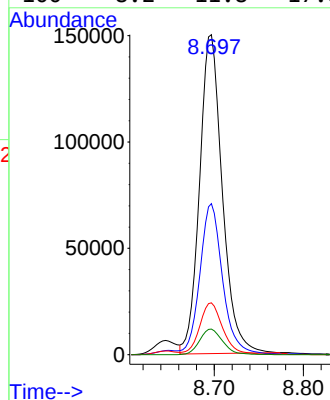
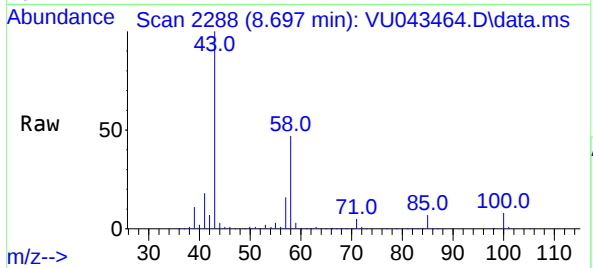




#48
2-Hexanone
Concen: 57.84 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

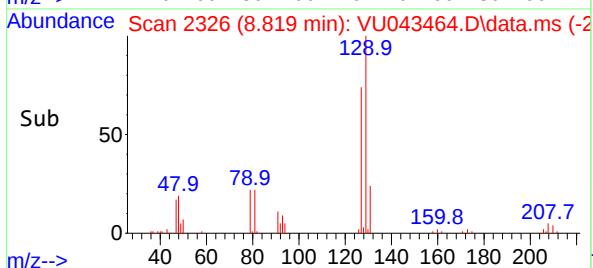
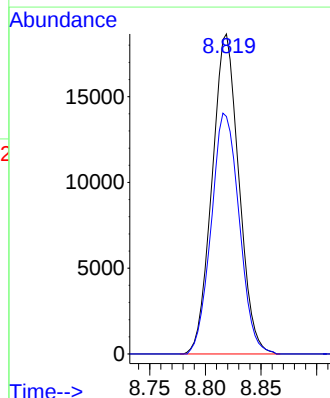
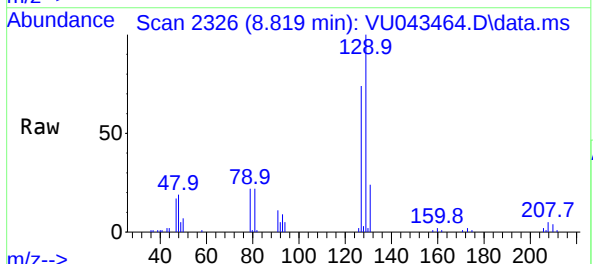
Instrument :
MSVOA_U
ClientSampleId :

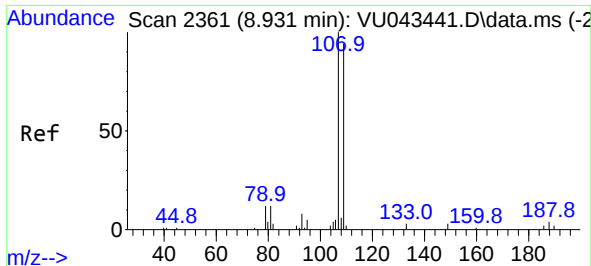
Tgt Ion: 43 Resp: 266157
Ion Ratio Lower Upper
43 100
58 47.0 50.0 75.0#
57 16.4 17.4 26.0#
100 8.2 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.74 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:129 Resp: 31238
Ion Ratio Lower Upper
129 100
127 74.2 56.6 105.2



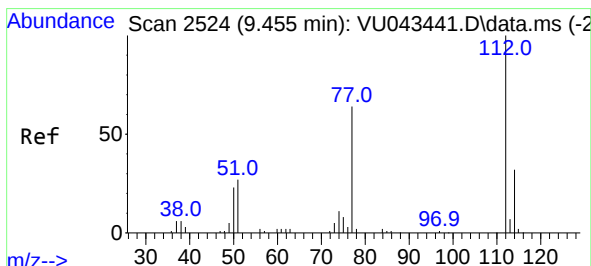
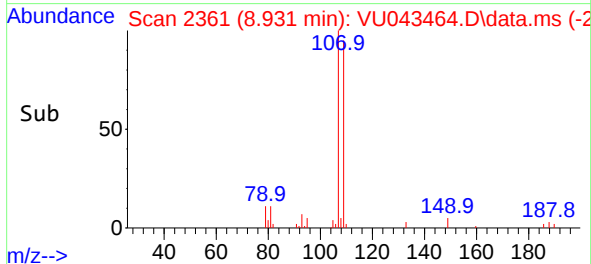
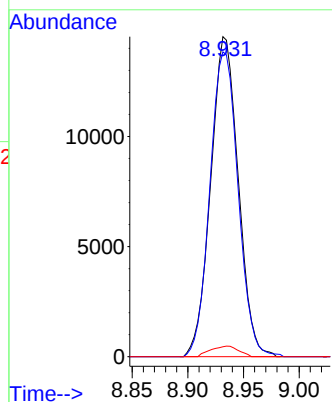
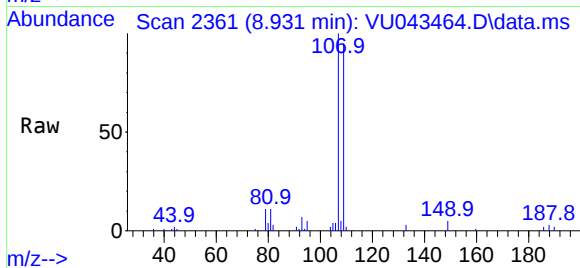


#50
1,2-Dibromoethane
Concen: 4.81 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:107 Resp: 25011

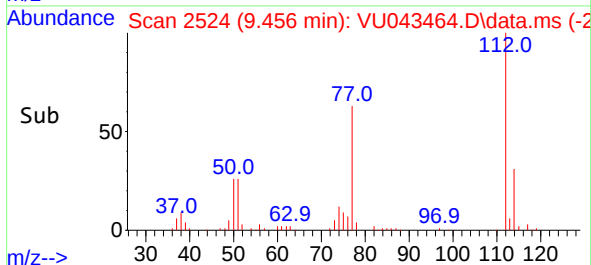
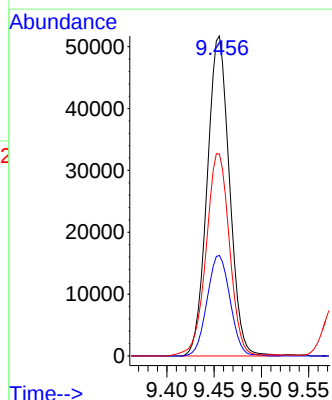
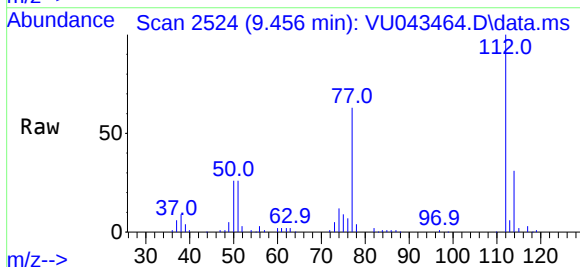
Ion	Ratio	Lower	Upper
107	100		
109	95.3	65.4	121.4
188	3.1	2.5	3.7

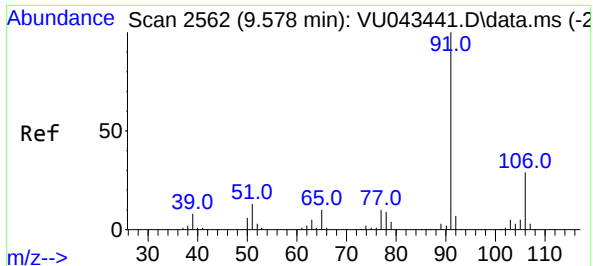


#51
Chlorobenzene
Concen: 4.80 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:112 Resp: 84950

Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.9	40.7
77	63.1	45.1	67.7

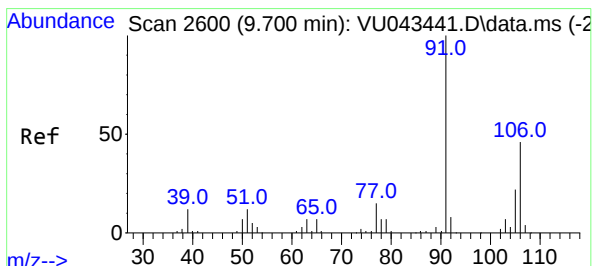
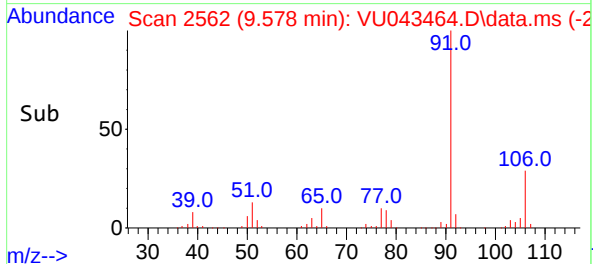
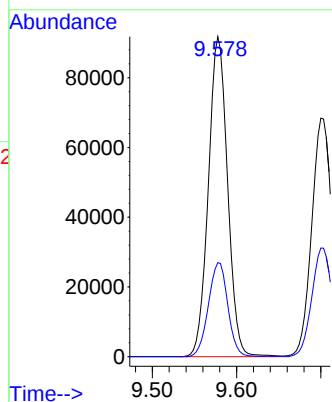
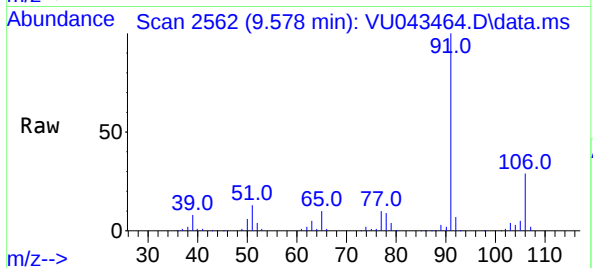




#52
Ethylbenzene
Concen: 4.58 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

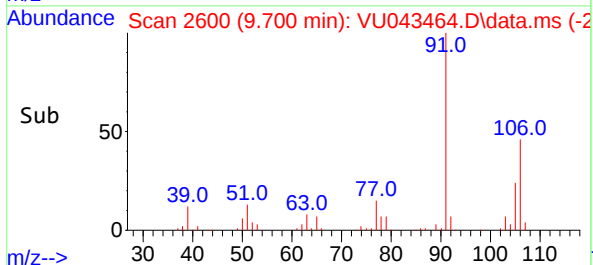
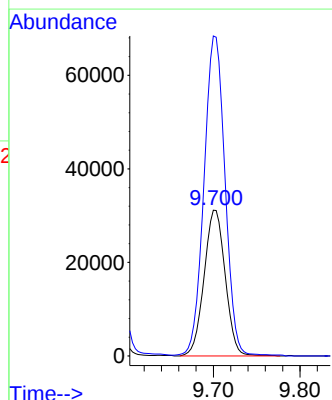
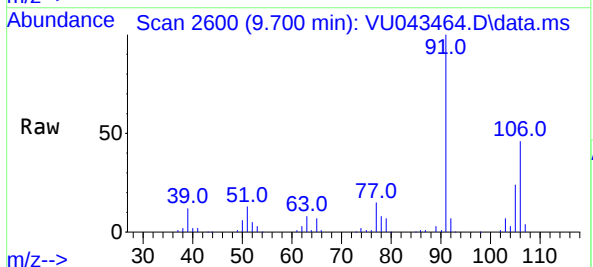
Instrument :
MSVOA_U
ClientSampled :

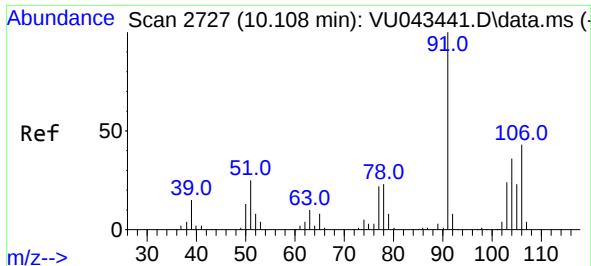
Tgt Ion: 91 Resp: 145406
Ion Ratio Lower Upper
91 100
106 29.4 22.0 40.8



#53
m,p-Xylene
Concen: 4.55 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 106 Resp: 52866
Ion Ratio Lower Upper
106 100
91 219.6 137.6 255.6

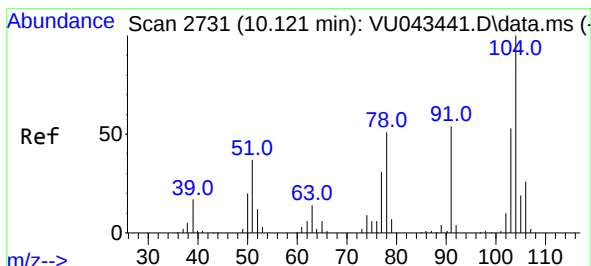
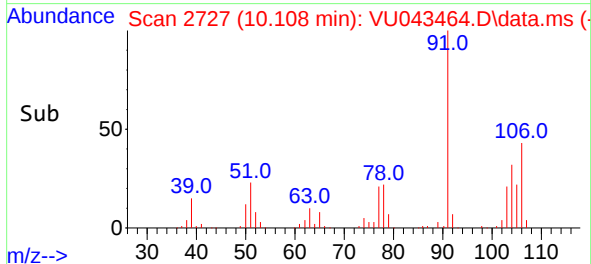
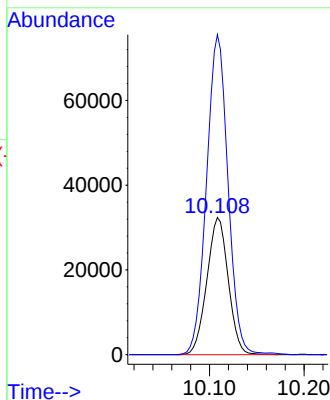
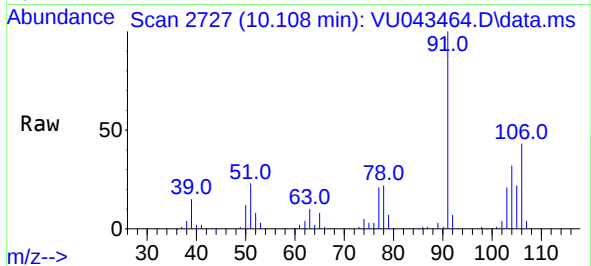




#54
o-Xylene
Concen: 4.42 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

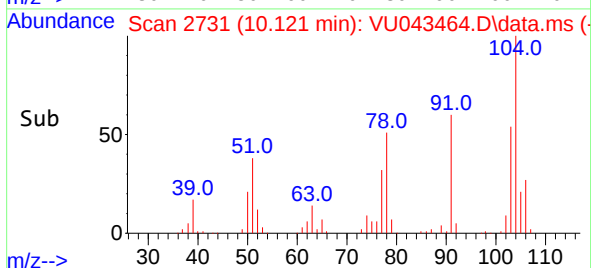
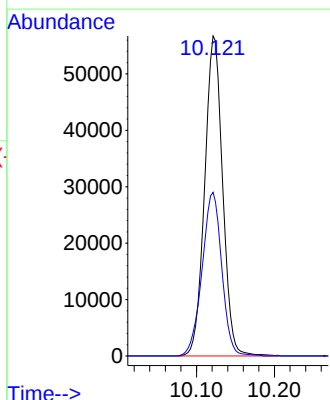
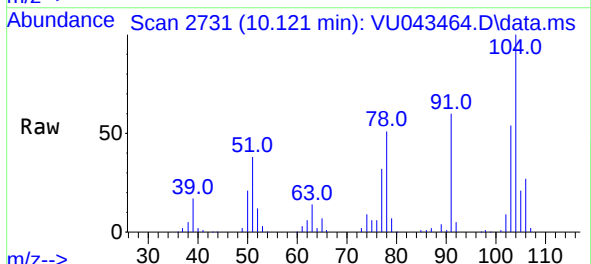
Instrument :
MSVOA_U
ClientSampled :

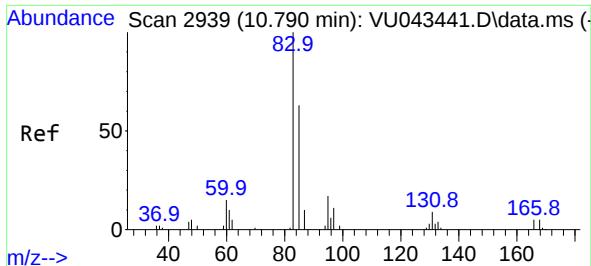
Tgt Ion:106 Resp: 50898
Ion Ratio Lower Upper
106 100
91 233.1 148.5 275.9



#55
Styrene
Concen: 4.61 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:104 Resp: 91029
Ion Ratio Lower Upper
104 100
78 51.1 32.3 60.1

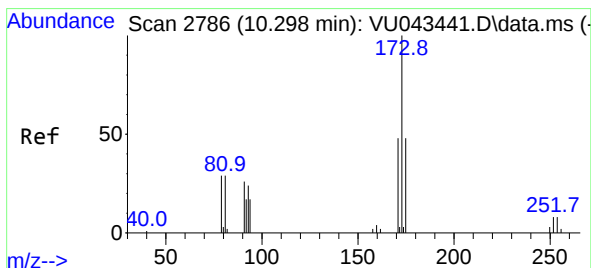
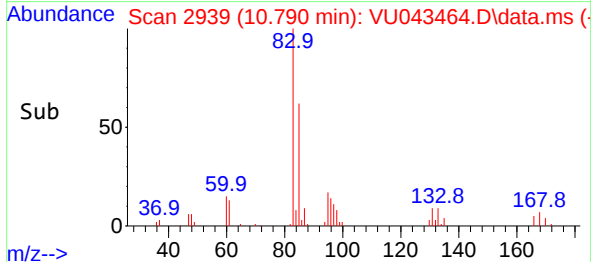
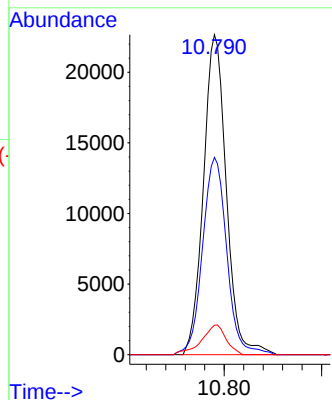
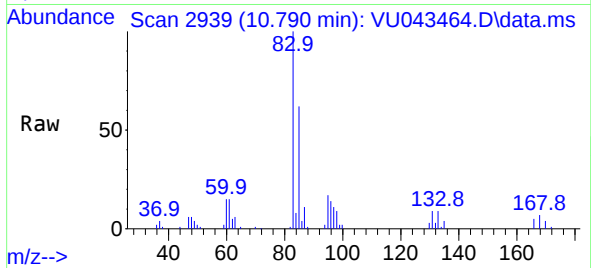




#57
1,1,2,2-Tetrachloroethane
Concen: 5.38 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

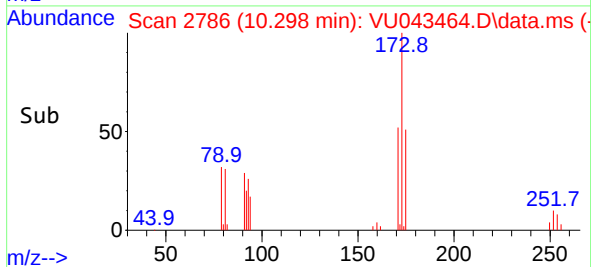
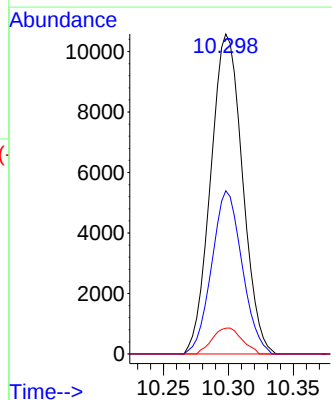
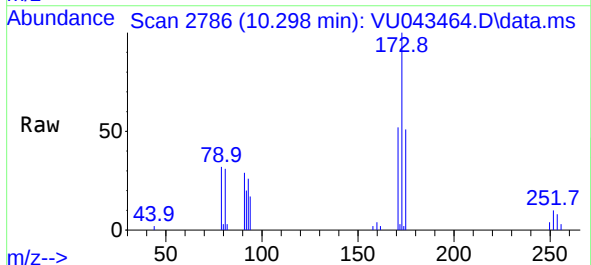
Instrument :
MSVOA_U
ClientSampled :

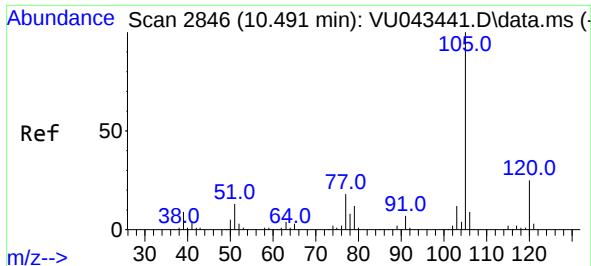
Tgt Ion: 83 Resp: 36954
Ion Ratio Lower Upper
83 100
85 61.6 44.9 83.5
131 9.2 8.2 12.4



#59
Bromoform
Concen: 4.68 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:173 Resp: 17988
Ion Ratio Lower Upper
173 100
175 48.8 39.4 59.0
254 7.5 8.0 12.0#

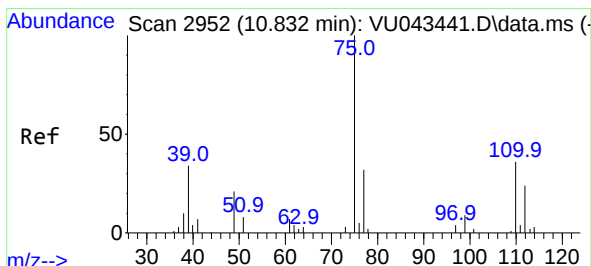
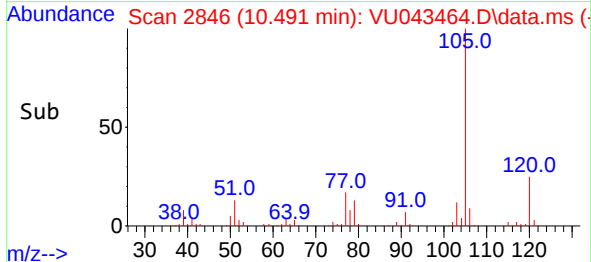
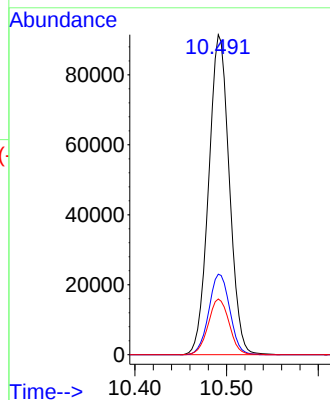
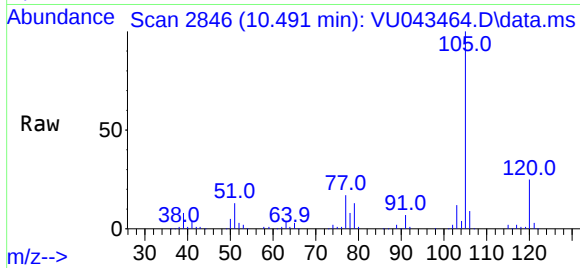




#60
Isopropylbenzene
Concen: 4.74 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

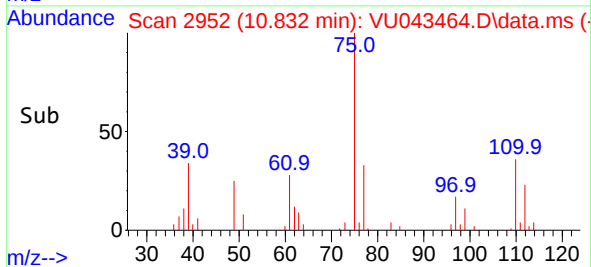
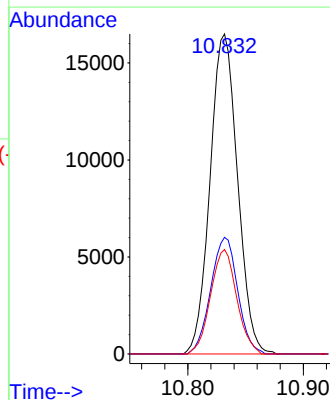
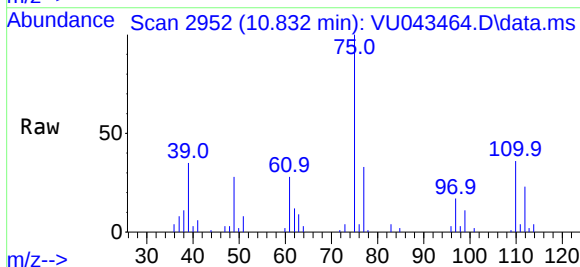
Instrument :
MSVOA_U
ClientSampled :

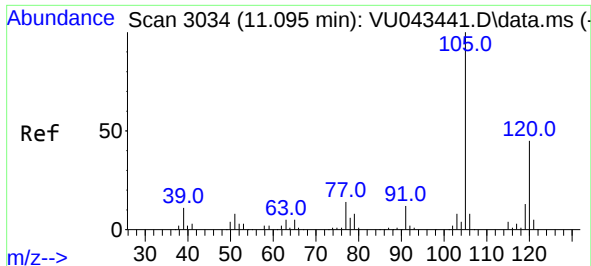
Tgt Ion:105 Resp: 142981
Ion Ratio Lower Upper
105 100
120 25.6 20.9 31.3
77 17.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.61 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 75 Resp: 27261
Ion Ratio Lower Upper
75 100
110 35.8 31.5 47.3
77 31.1 26.3 39.5

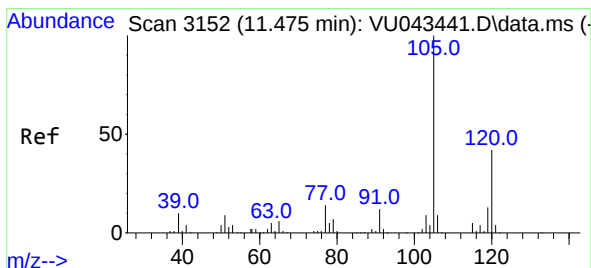
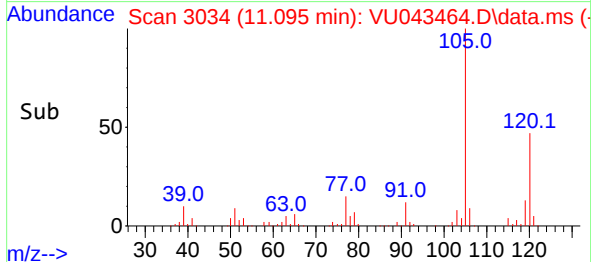
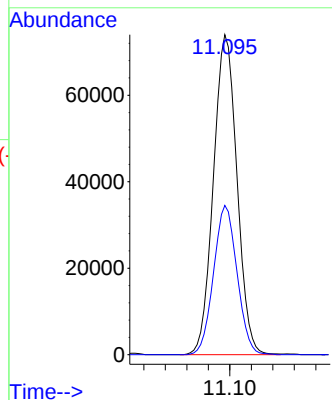
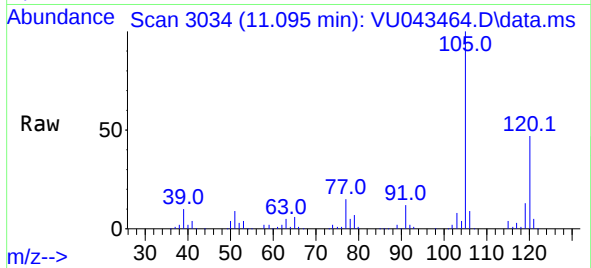




#62
1,3,5-Trimethylbenzene
Concen: 4.56 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

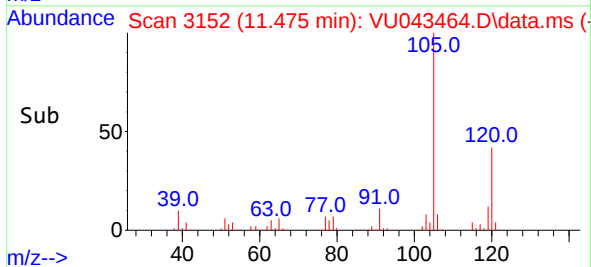
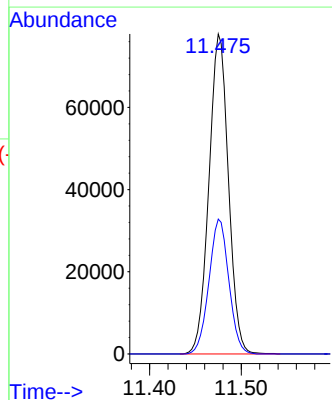
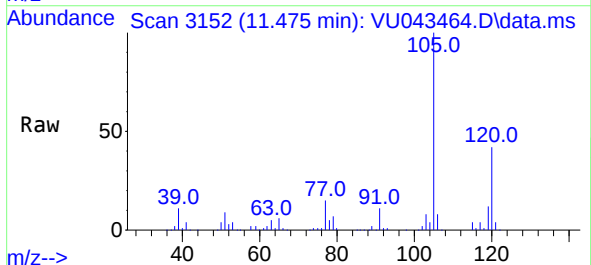
Instrument :
MSVOA_U
ClientSampled :

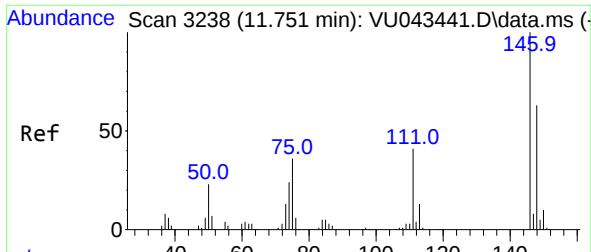
Tgt Ion:105 Resp: 112613
Ion Ratio Lower Upper
105 100
120 46.4 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.53 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:105 Resp: 114942
Ion Ratio Lower Upper
105 100
120 42.9 36.7 55.1

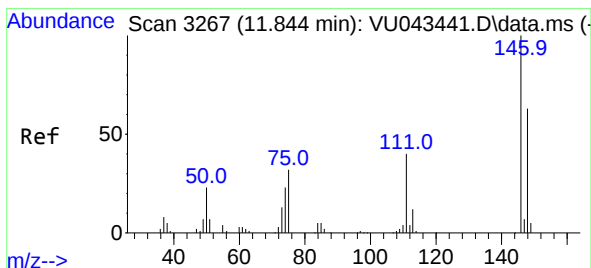
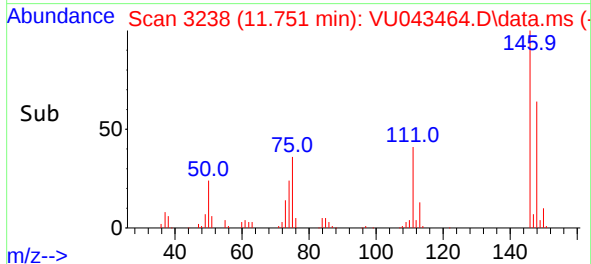
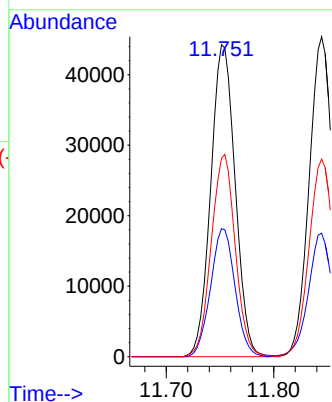
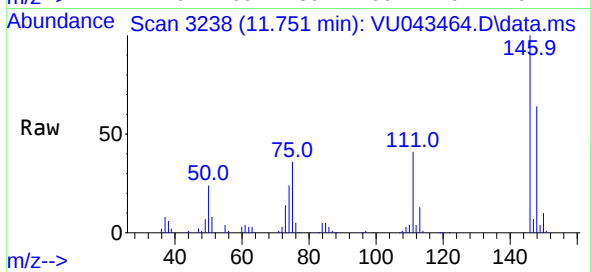




#64
1,3-Dichlorobenzene
Concen: 4.88 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

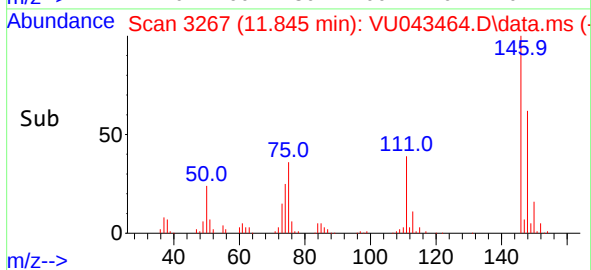
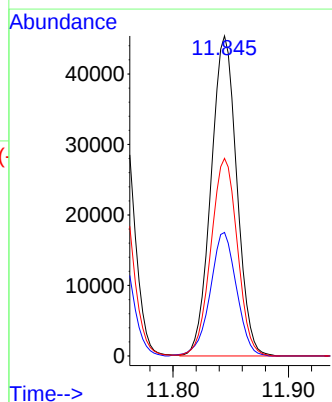
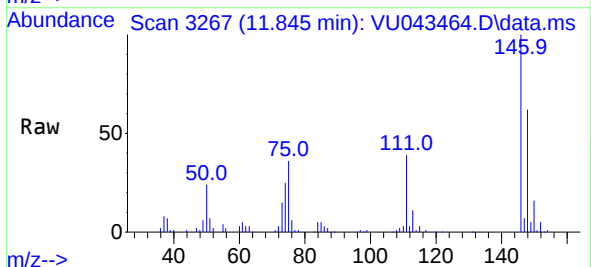
Instrument :
MSVOA_U
ClientSampled :

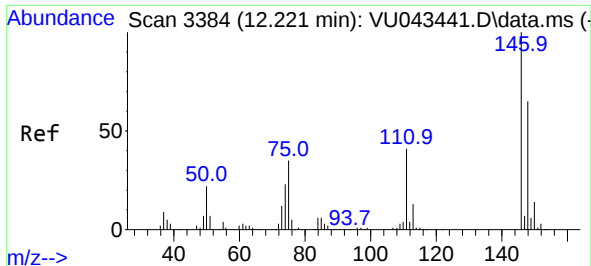
Tgt Ion:146 Resp: 69960
Ion Ratio Lower Upper
146 100
111 41.0 27.6 51.2
148 63.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.84 ug/L
RT: 11.845 min Scan# 3267
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:146 Resp: 70367
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 61.8 43.9 81.5

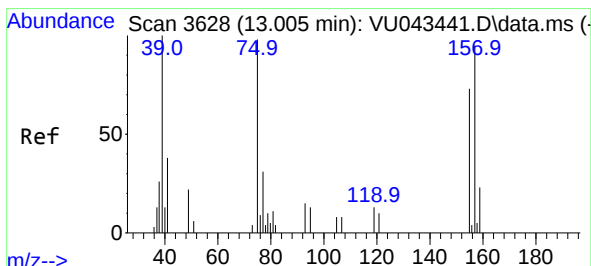
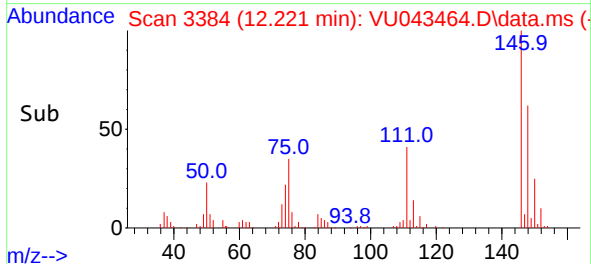
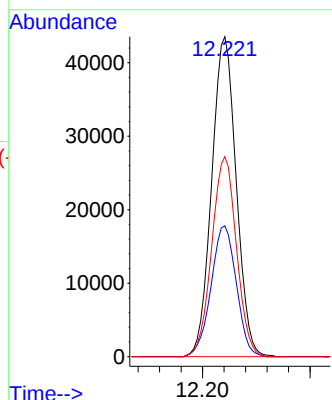
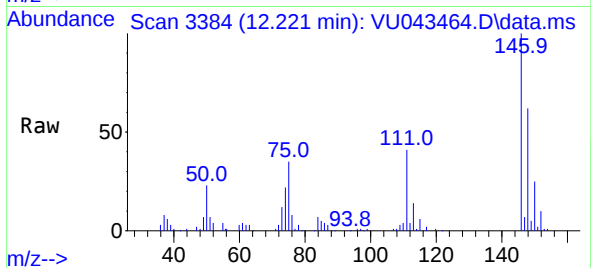




#67
1,2-Dichlorobenzene
Concen: 4.95 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

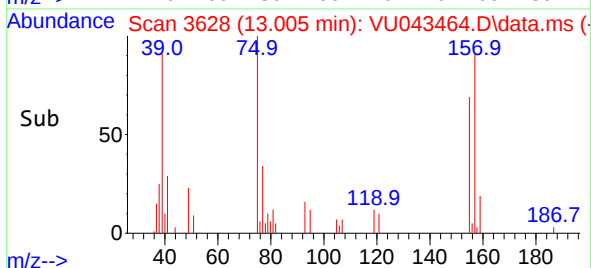
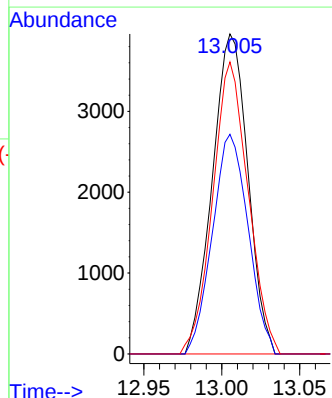
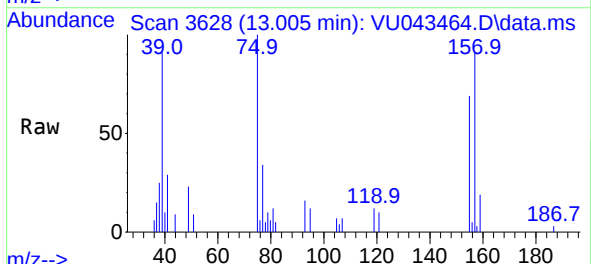
Instrument :
MSVOA_U
ClientSampled :

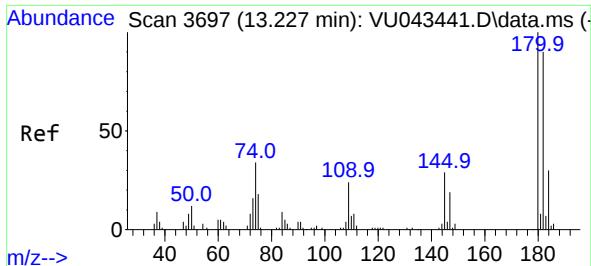
Tgt Ion:146 Resp: 68928
Ion Ratio Lower Upper
146 100
111 40.9 31.9 47.9
148 62.5 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.30 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion: 75 Resp: 6276
Ion Ratio Lower Upper
75 100
155 68.6 67.8 101.8
157 91.2 82.4 123.6



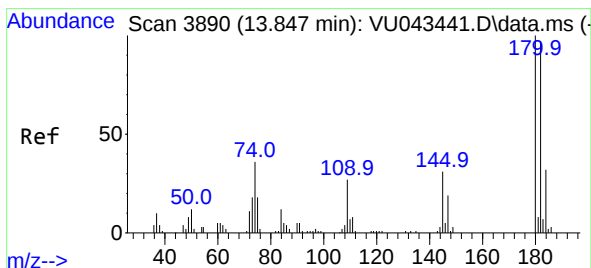
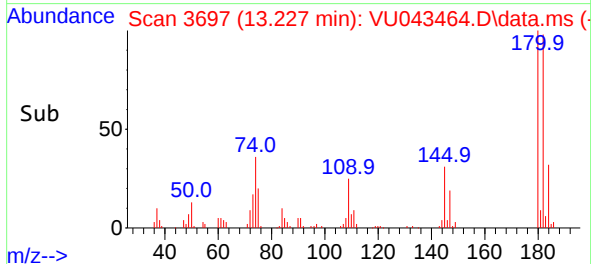
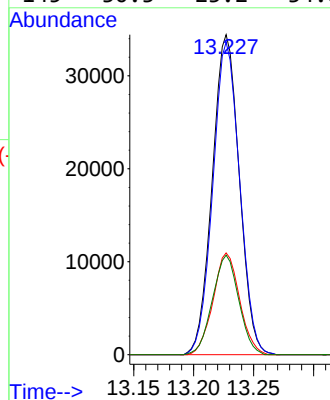
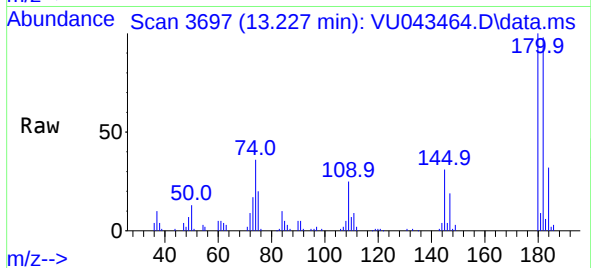


#69
1,3,5-Trichlorobenzene
Concen: 4.57 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:180 Resp: 53714

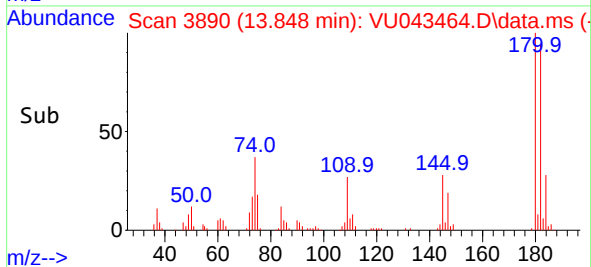
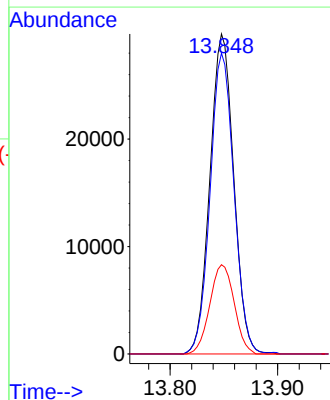
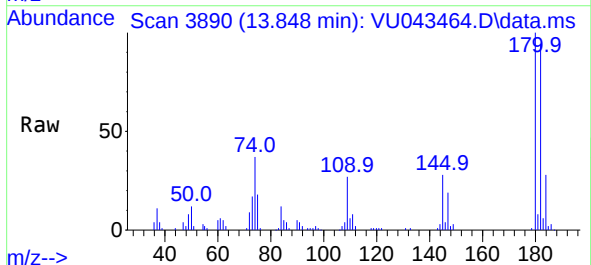
Ion	Ratio	Lower	Upper
180	100		
182	96.9	76.1	114.1
184	31.3	24.0	36.0
145	30.3	23.2	34.8

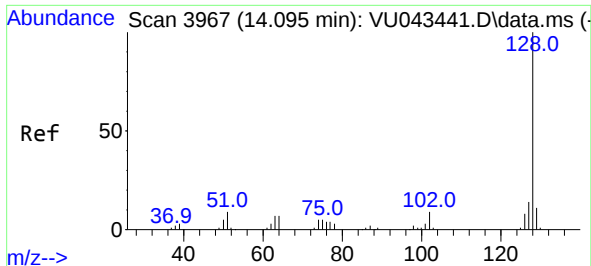


#70
1,2,4-trichlorobenzene
Concen: 4.70 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

Tgt Ion:180 Resp: 45760

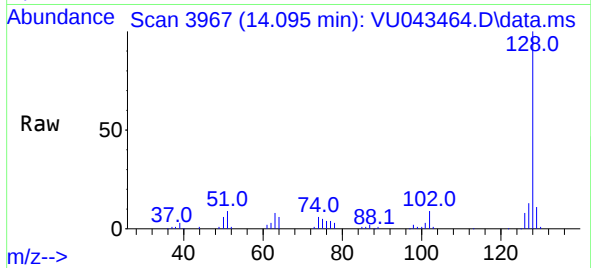
Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.5	114.7
145	28.6	24.1	36.1



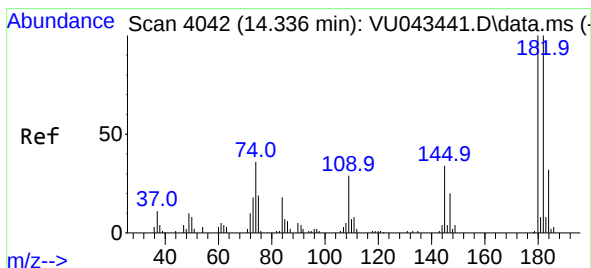
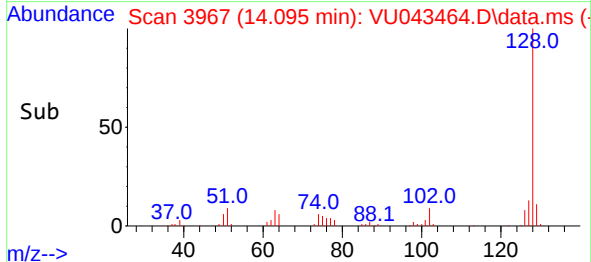
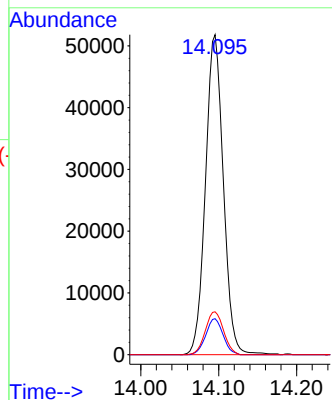


#71
Naphthalene
Concen: 5.04 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02

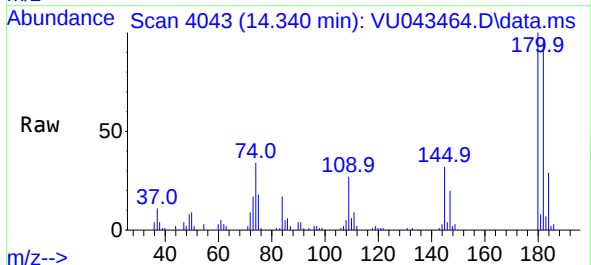
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:128 Resp: 82703
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.7 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.99 ug/L
RT: 14.340 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU043464.D
Acq: 30 Apr 2021 10:02



Tgt Ion:180 Resp: 44548
Ion Ratio Lower Upper
180 100
182 95.5 75.8 113.8
145 31.7 25.0 37.4

