

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042721\
 Data File : VU043344.D
 Acq On : 27 Apr 2021 11:15
 Operator : SY/MD
 Sample : M2127-02MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E0AA0MS

Quant Time: Apr 27 23:47:37 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	135031	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	133343	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72729	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	25466	3.71	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.20%
7) Chloroethane-d5	1.919	69	23424	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.40%
11) 1,1-Dichloroethene-d2	2.572	65	16986	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	4.652	46	143277	47.57	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.14%
24) Chloroform-d	5.073	84	75008	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.713	65	45183	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
32) Benzene-d6	5.735	84	128995	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.697	67	42806	4.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.20%
41) Toluene-d8	7.906	98	119364	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloroprop...	8.185	79	17284	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	8.645	63	86472	38.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.26%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	38635	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
66) 1,2-Dichlorobenzene-d4	12.201	152	47738	3.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	76.60%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	48222	5.57	ug/L	99
3) Chloromethane	1.523	50	44215	5.19	ug/L	99
5) Vinyl chloride	1.607	62	41407	4.67	ug/L	97
6) Bromomethane	1.864	94	22667	4.28	ug/L	100
8) Chloroethane	1.941	64	26158	4.09	ug/L	99
9) Trichlorofluoromethane	2.144	101	75581	4.57	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	45719	5.12	ug/L	94
12) 1,1-Dichloroethene	2.588	96	38695	5.16	ug/L	84
13) Acetone	2.668	43	134566	60.81	ug/L	91
14) Carbon disulfide	2.800	76	95967	5.02	ug/L	100
15) Methyl Acetate	2.967	43	28291	6.80	ug/L	# 84
16) Methylene chloride	3.057	84	47556	4.90	ug/L	83
17) Methyl tert-butyl Ether	3.375	73	117358	4.78	ug/L	# 91
18) trans-1,2-Dichloroethene	3.362	96	41112	5.14	ug/L	90
19) 1,1-Dichloroethane	3.880	63	92296	5.30	ug/L	98
21) 2-Butanone	4.732	43	208507	57.09	ug/L	84
22) cis-1,2-Dichloroethene	4.678	96	46912	4.95	ug/L	91
23) Bromochloromethane	4.983	128	22693	5.25	ug/L	# 77
25) Chloroform	5.099	83	94597	5.09	ug/L	100

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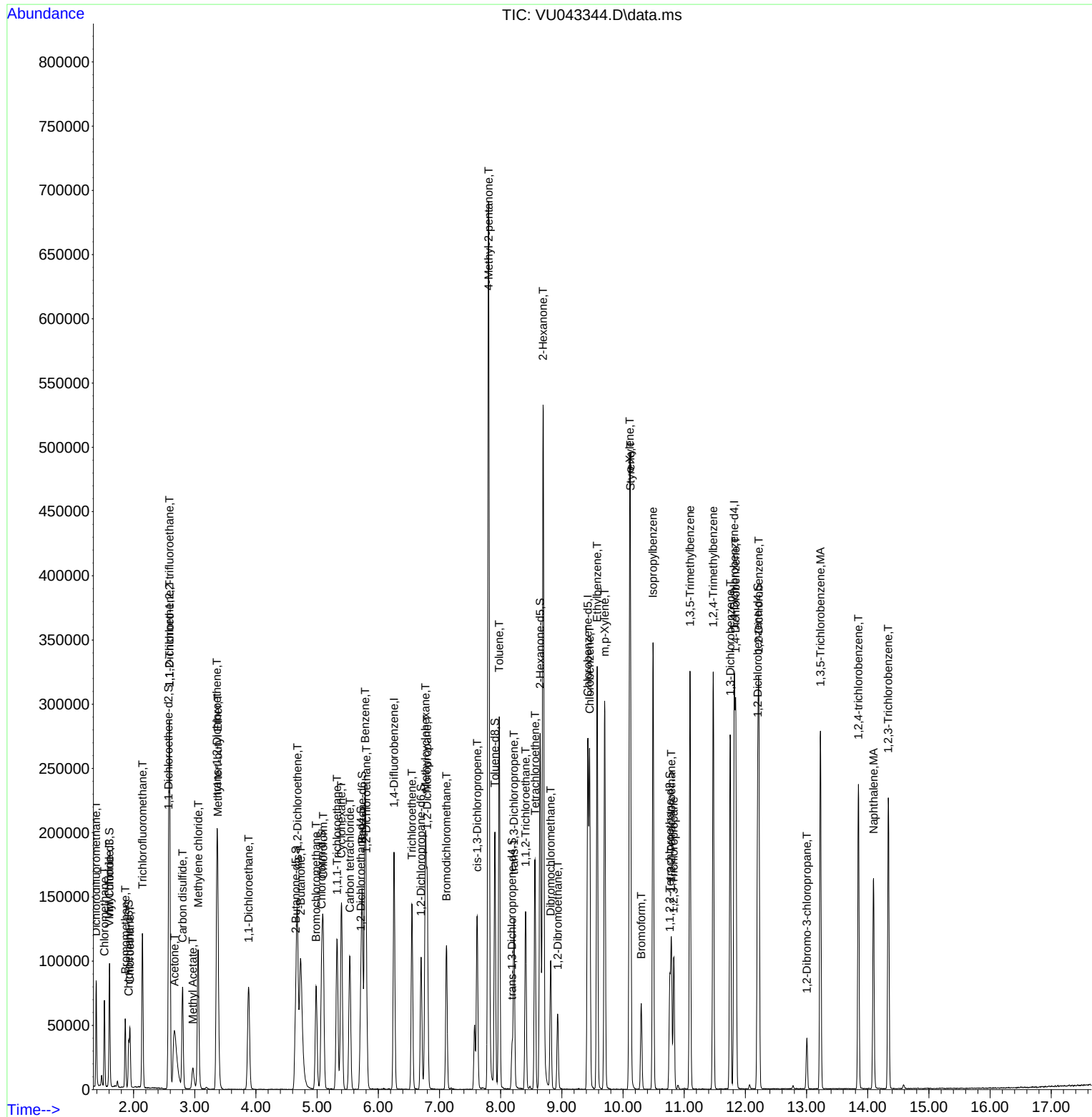
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	69436	5.09	ug/L #	92
29) 1,1,1-Trichloroethane	5.324	97	81669	4.96	ug/L #	93
30) Cyclohexane	5.398	56	63869	4.53	ug/L	85
31) Carbon tetrachloride	5.536	117	67970	4.95	ug/L	98
33) Benzene	5.784	78	181110	5.08	ug/L	100
34) Trichloroethene	6.549	95	46869	4.77	ug/L	94
35) Methylcyclohexane	6.771	83	61283	4.51	ug/L #	87
37) 1,2-Dichloropropane	6.800	63	53803	5.36	ug/L	98
38) Bromodichloromethane	7.115	83	70264	5.22	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	69288	4.73	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	496796	55.32	ug/L #	82
42) Toluene	7.976	91	192605	4.83	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	66031	4.78	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	38357	5.11	ug/L	96
47) Tetrachloroethene	8.562	164	37380	4.80	ug/L	94
48) 2-Hexanone	8.693	43	379037	57.36	ug/L #	83
49) Dibromochloromethane	8.819	129	46661	4.93	ug/L	100
50) 1,2-Dibromoethane	8.931	107	37564	5.03	ug/L	99
51) Chlorobenzene	9.456	112	123487	4.86	ug/L	95
52) Ethylbenzene	9.578	91	209383	4.59	ug/L	97
53) m,p-Xylene	9.700	106	76431	4.58	ug/L	87
54) o-Xylene	10.108	106	75901	4.59	ug/L	92
55) Styrene	10.121	104	133868	4.73	ug/L	93
57) 1,1,2,2-Tetrachloroethane	10.790	83	53466	5.42	ug/L	99
59) Bromoform	10.298	173	28640	4.82	ug/L	97
60) Isopropylbenzene	10.491	105	203860	4.37	ug/L	97
61) 1,2,3-Trichloropropane	10.828	75	39039	5.20	ug/L	96
62) 1,3,5-Trimethylbenzene	11.095	105	163009	4.27	ug/L	97
63) 1,2,4-Trimethylbenzene	11.475	105	166077	4.23	ug/L	96
64) 1,3-Dichlorobenzene	11.754	146	104852	4.73	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	104253	4.64	ug/L	97
67) 1,2-Dichlorobenzene	12.221	146	102110	4.75	ug/L	96
68) 1,2-Dibromo-3-chloropr...	13.005	75	8758	4.79	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	81133	4.47	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	68359	4.54	ug/L	100
71) Naphthalene	14.095	128	122658	4.83	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	65817	4.77	ug/L	99

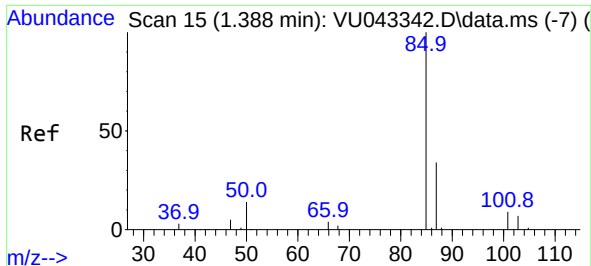
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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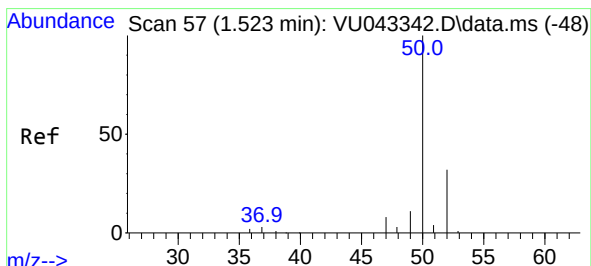
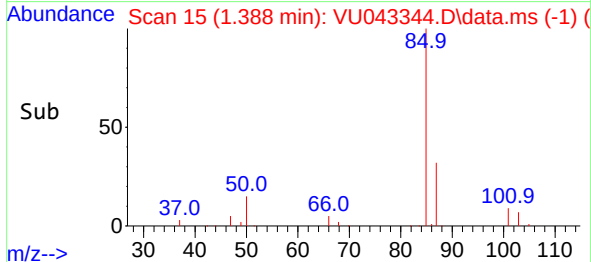
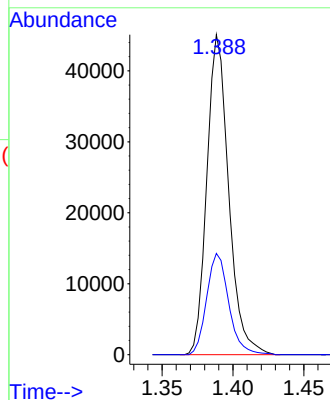
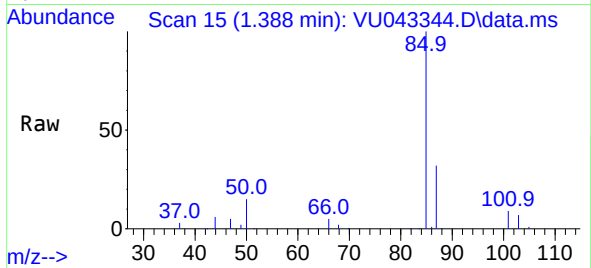




#2
Dichlorodifluoromethane
Concen: 5.57 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

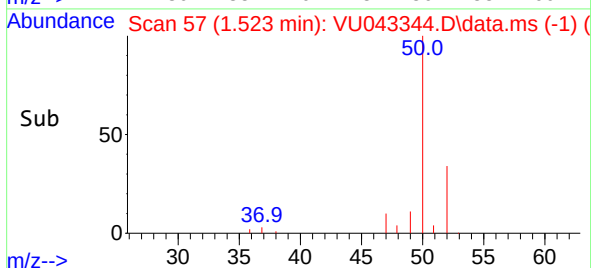
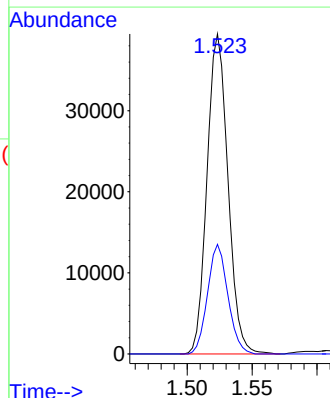
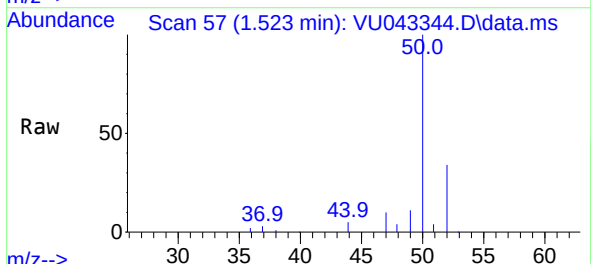
Instrument :
MSVOA_U
ClientSampleId :
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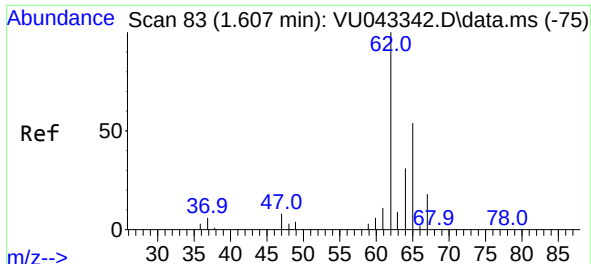
Tgt Ion: 85 Resp: 48222
Ion Ratio Lower Upper
85 100
87 32.1 26.3 39.5



#3
Chloromethane
Concen: 5.19 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 50 Resp: 44215
Ion Ratio Lower Upper
50 100
52 34.3 23.6 43.8

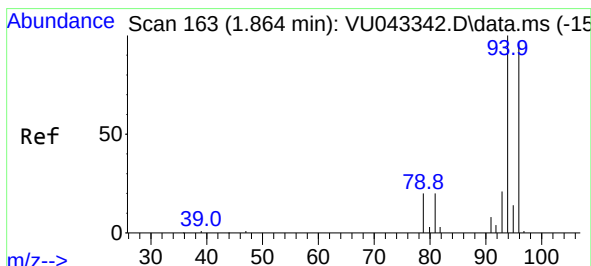
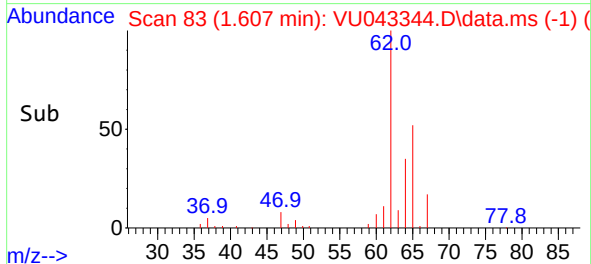
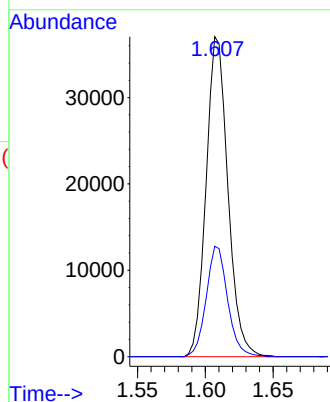
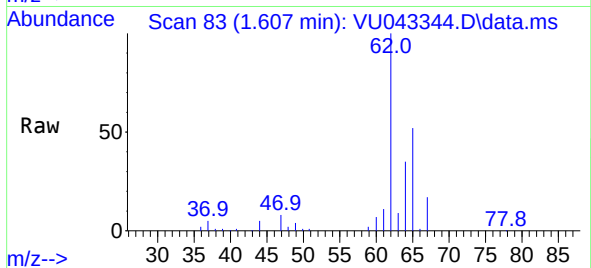




#5
 Vinyl chloride
 Concen: 4.67 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043344.D
 Acq: 27 Apr 2021 11:15

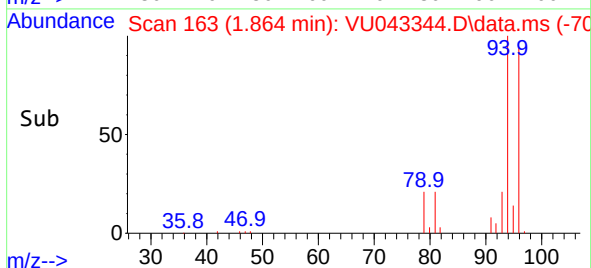
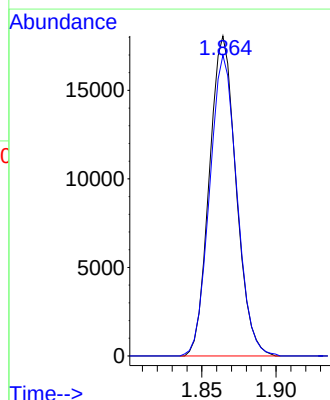
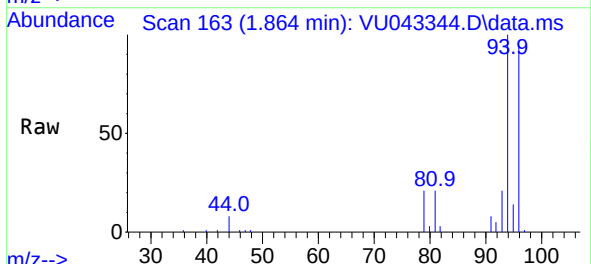
Instrument :
 MSVOA_U
 ClientSampleId :
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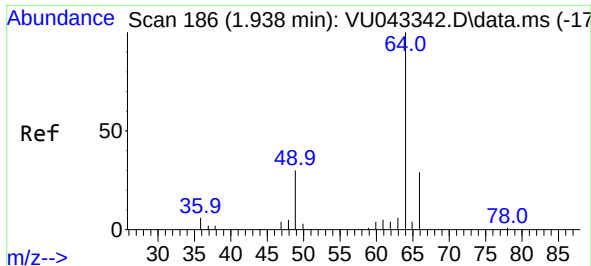
Tgt Ion: 62 Resp: 41407
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.8 42.4



#6
 Bromomethane
 Concen: 4.28 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU043344.D
 Acq: 27 Apr 2021 11:15

Tgt Ion: 94 Resp: 22667
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.1 122.7

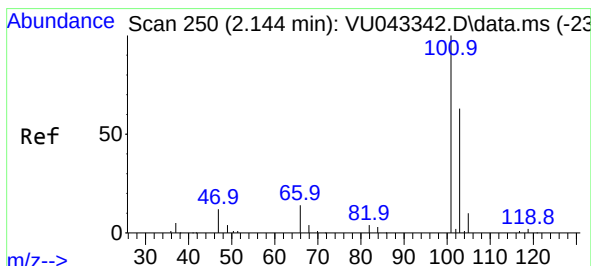
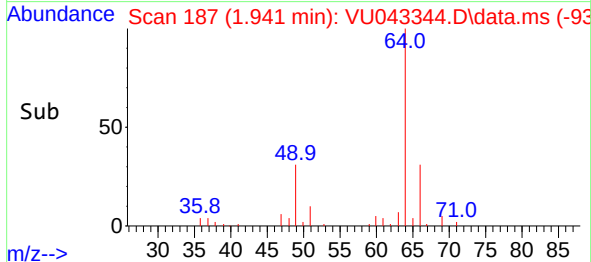
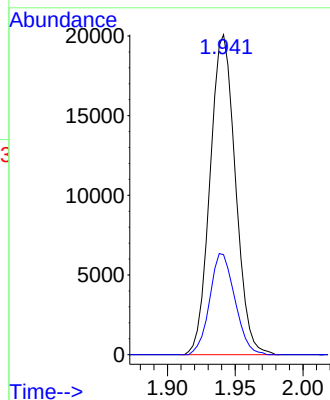
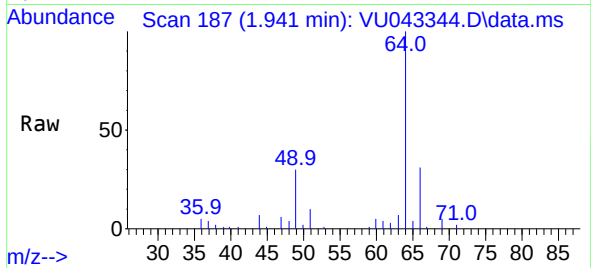




#8
Chloroethane
Concen: 4.09 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

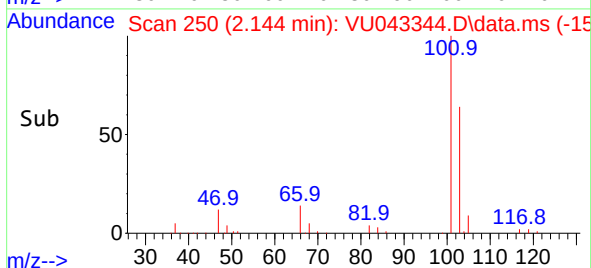
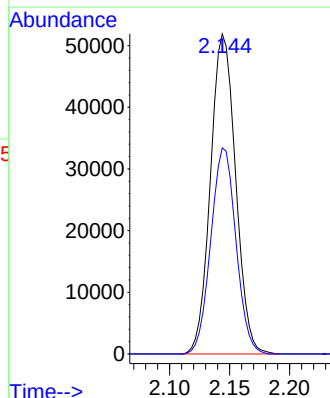
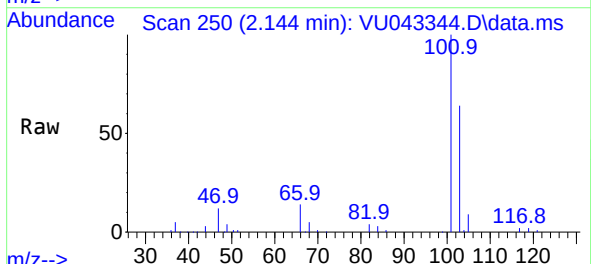
Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

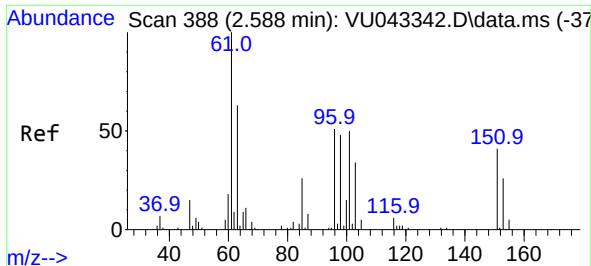
Tgt Ion: 64 Resp: 26158
Ion Ratio Lower Upper
64 100
66 31.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.57 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:101 Resp: 75581
Ion Ratio Lower Upper
101 100
103 64.3 51.5 77.3

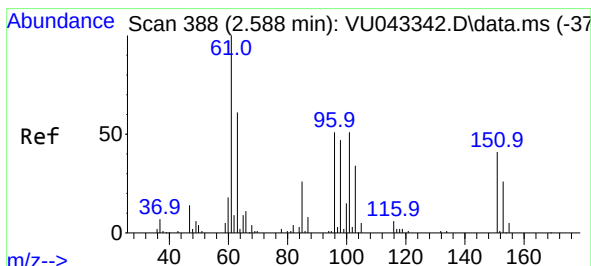
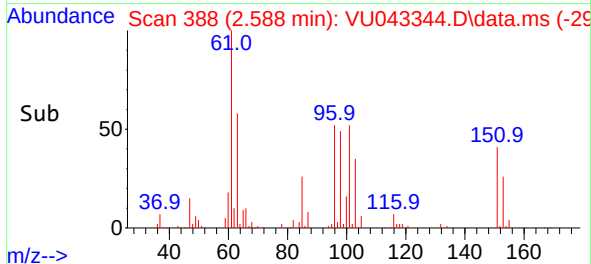
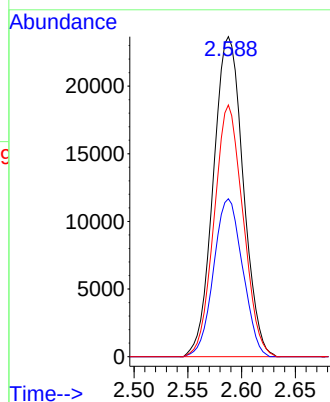
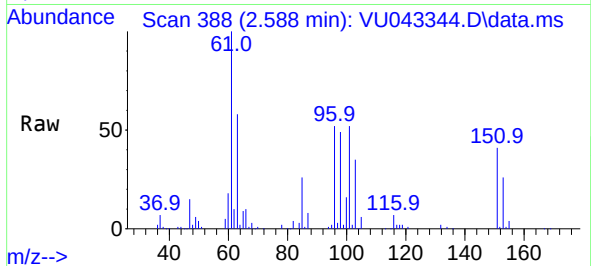




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.12 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

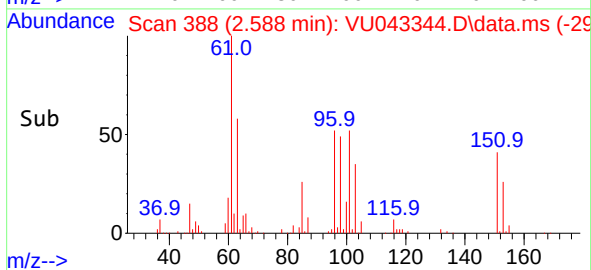
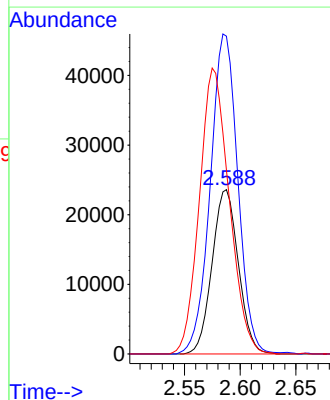
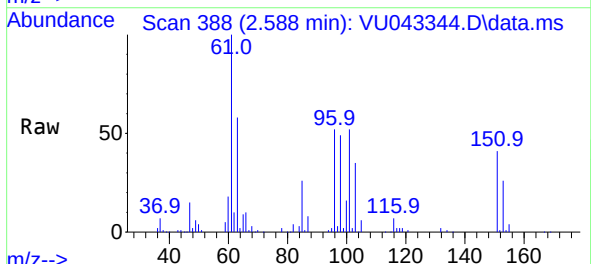
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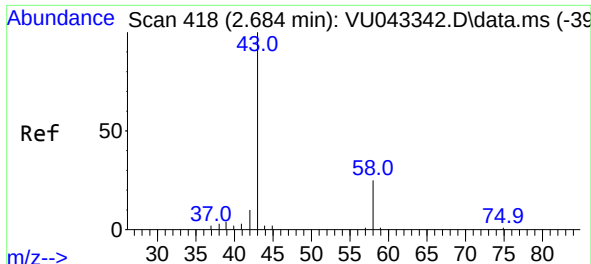
Tgt Ion:101 Resp: 45719
Ion Ratio Lower Upper
101 100
85 47.9 34.5 51.7
151 76.3 57.4 86.2



#12
1,1-Dichloroethene
Concen: 5.16 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 96 Resp: 38695
Ion Ratio Lower Upper
96 100
61 193.3 115.1 213.7
63 111.9 84.1 156.1

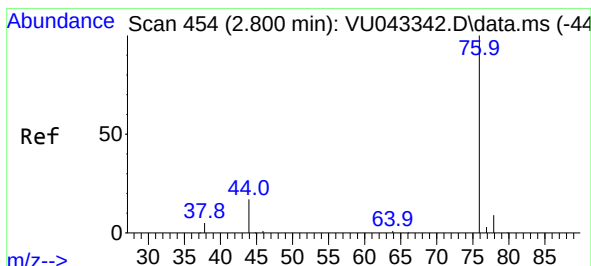
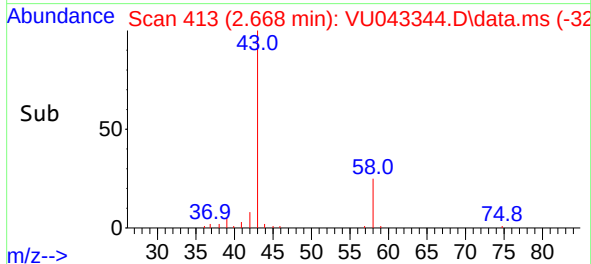
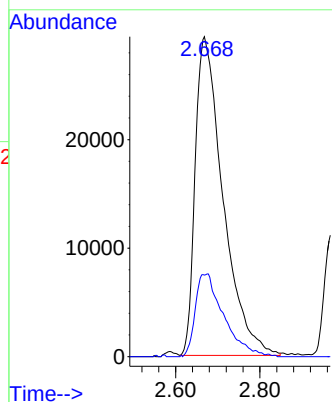
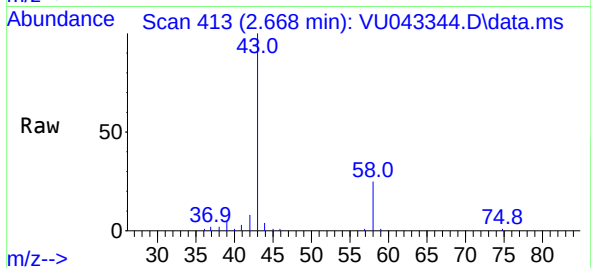




#13
Acetone
Concen: 60.81 ug/L
RT: 2.668 min Scan# 413
Delta R.T. -0.016 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

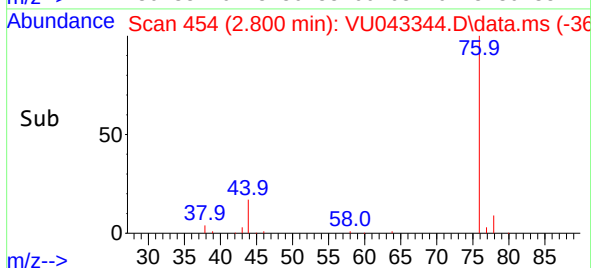
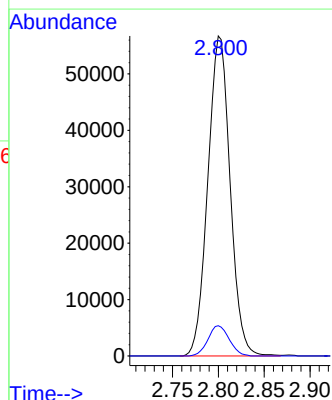
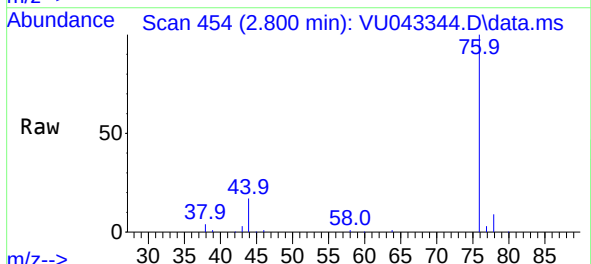
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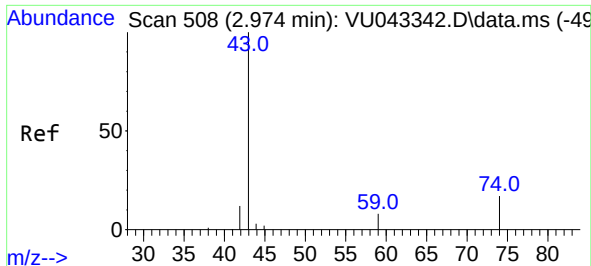
Tgt Ion: 43 Resp: 134566
Ion Ratio Lower Upper
43 100
58 8.9 0.0 25.0



#14
Carbon disulfide
Concen: 5.02 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 76 Resp: 95967
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

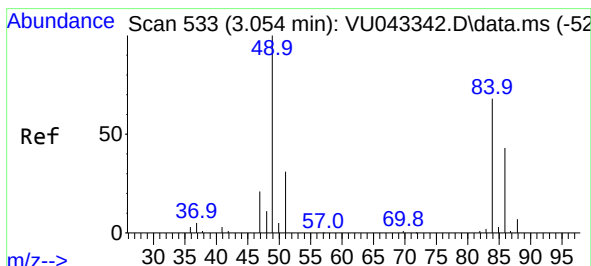
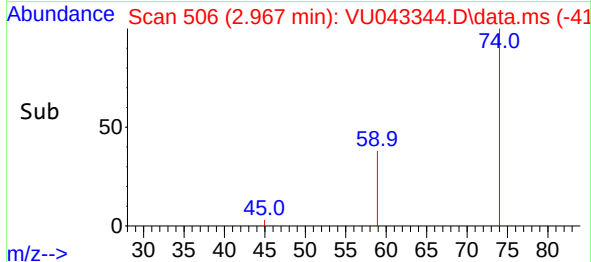
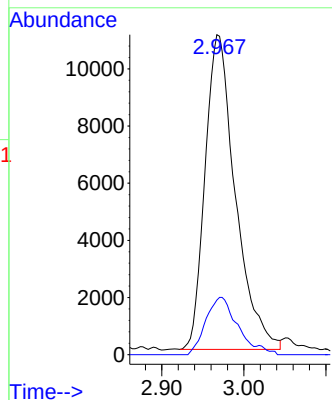
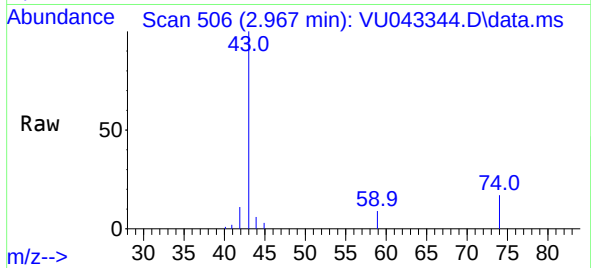




#15
Methyl Acetate
Concen: 6.80 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.007 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

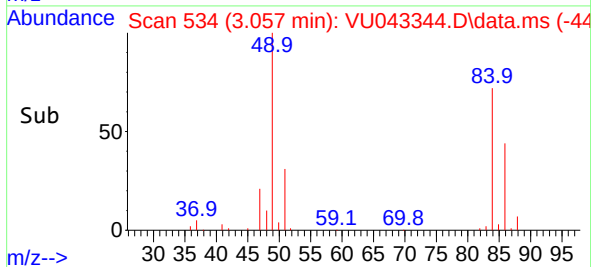
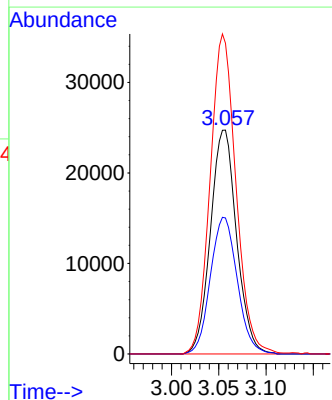
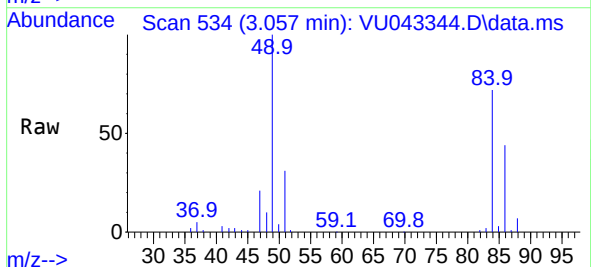
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

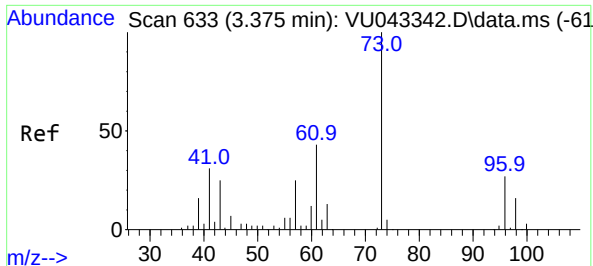
Tgt Ion: 43 Resp: 28291
Ion Ratio Lower Upper
43 100
74 18.4 21.5 32.3#



#16
Methylene chloride
Concen: 4.90 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 84 Resp: 47556
Ion Ratio Lower Upper
84 100
86 60.8 44.9 83.5
49 138.9 79.0 146.8



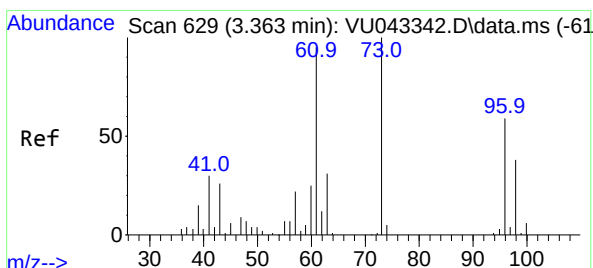
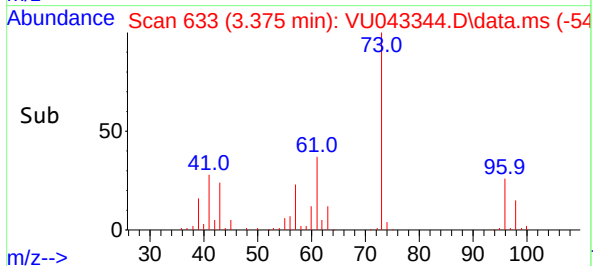
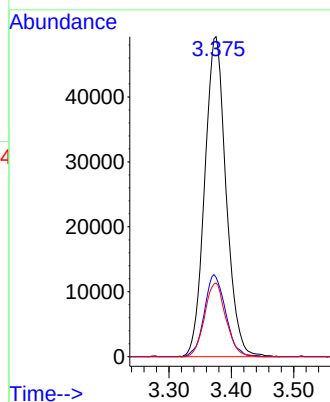
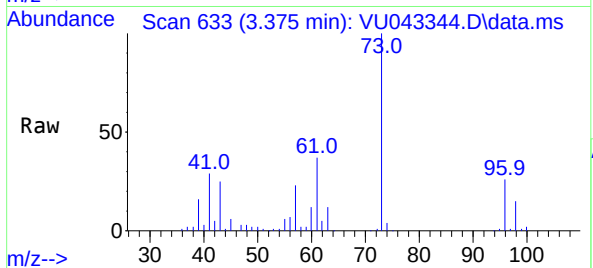


#17
Methyl tert-butyl Ether
Concen: 4.78 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

Tgt Ion: 73 Resp: 117358

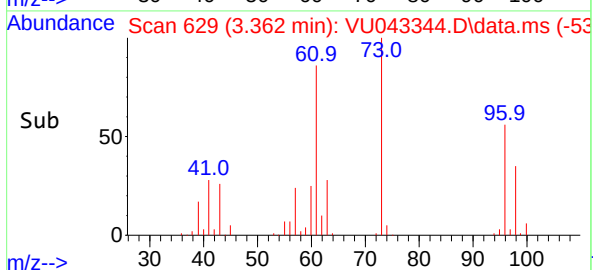
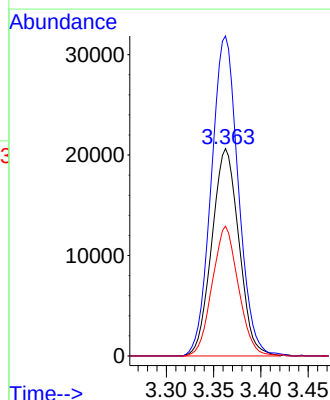
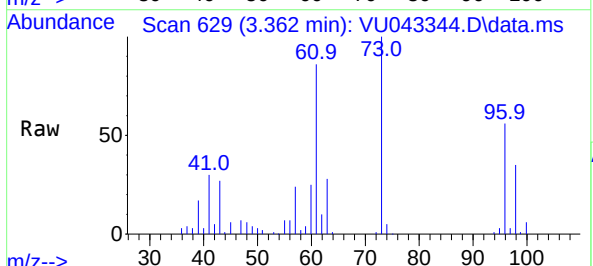
Ion	Ratio	Lower	Upper
73	100		
43	25.6	15.0	22.4#
57	23.0	17.3	25.9

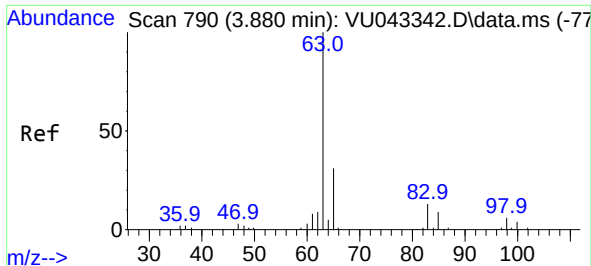


#18
trans-1,2-Dichloroethene
Concen: 5.14 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 96 Resp: 41112

Ion	Ratio	Lower	Upper
96	100		
61	154.3	96.6	179.4
98	62.6	44.7	82.9

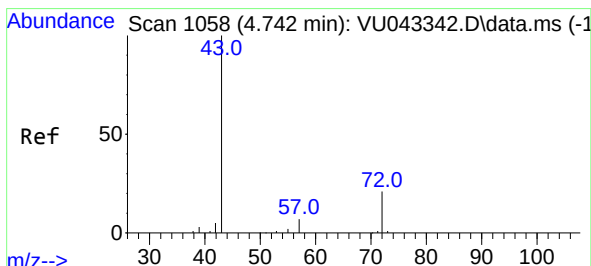
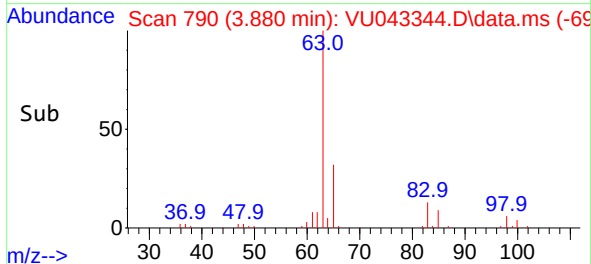
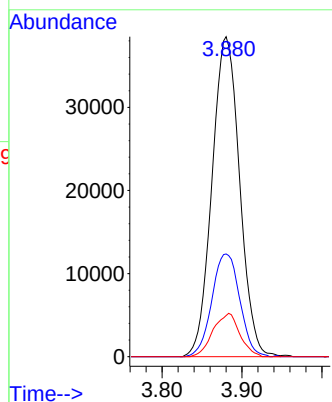
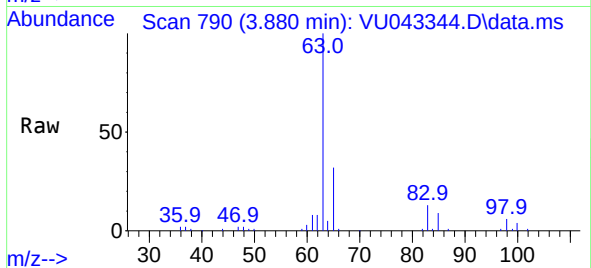




#19
1,1-Dichloroethane
Concen: 5.30 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

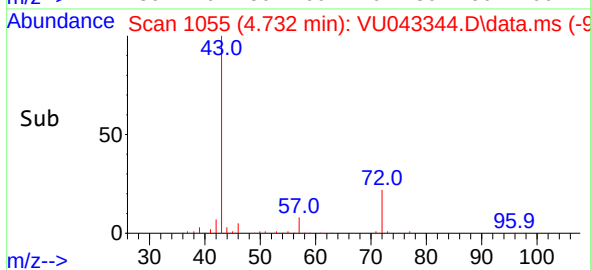
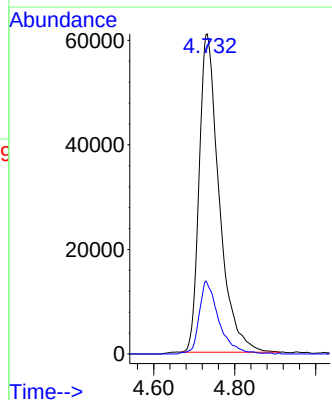
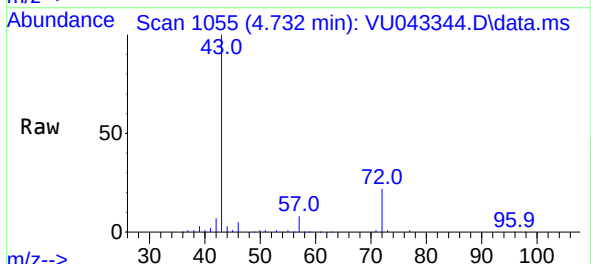
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

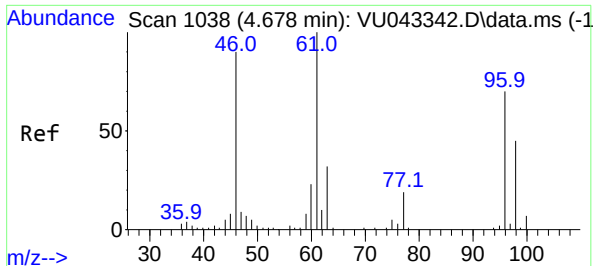
Tgt Ion:	63	Resp:	92296
Ion	Ratio	Lower	Upper
63	100		
65	32.1	23.2	43.0
83	12.9	9.9	18.3



#21
2-Butanone
Concen: 57.09 ug/L
RT: 4.732 min Scan# 1055
Delta R.T. -0.010 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:	43	Resp:	208507
Ion	Ratio	Lower	Upper
43	100		
72	22.4	15.8	47.3

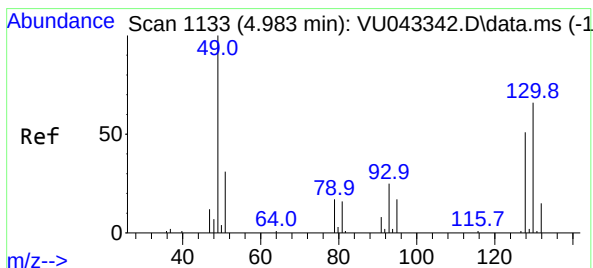
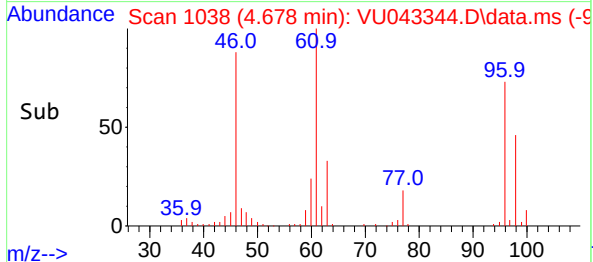
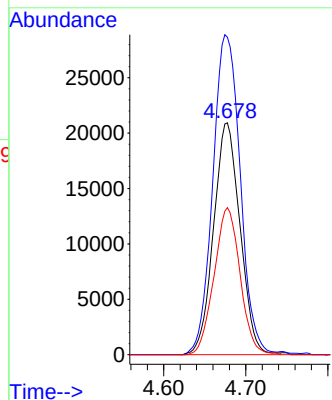
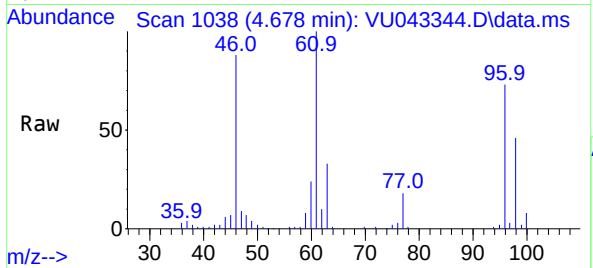




#22
cis-1,2-Dichloroethene
Concen: 4.95 ug/L
RT: 4.678 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

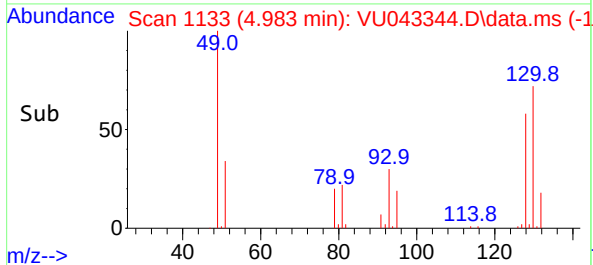
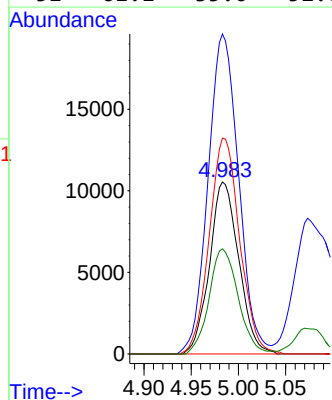
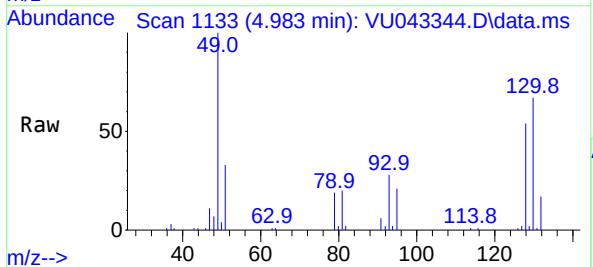
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

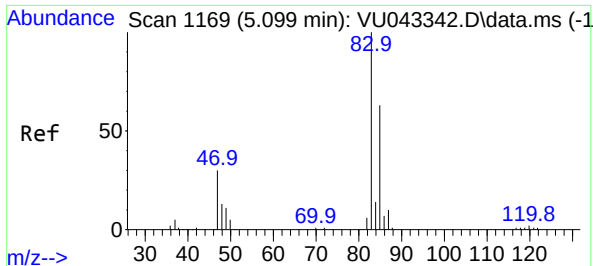
Tgt Ion: 96 Resp: 46912
Ion Ratio Lower Upper
96 100
61 137.0 87.4 162.4
98 63.4 47.7 88.5



#23
Bromochloromethane
Concen: 5.25 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 128 Resp: 22693
Ion Ratio Lower Upper
128 100
49 186.0 96.4 179.0#
130 125.4 91.2 169.4
51 61.1 35.0 52.6#



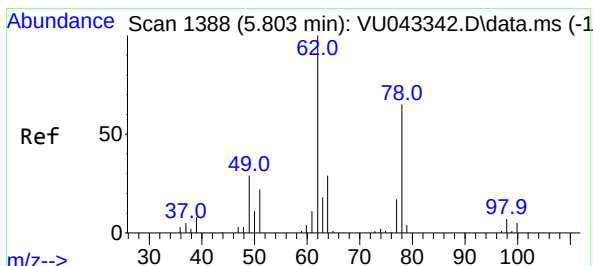
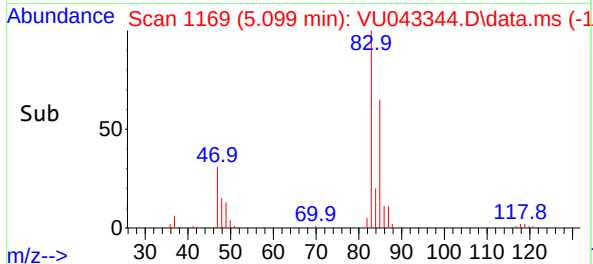
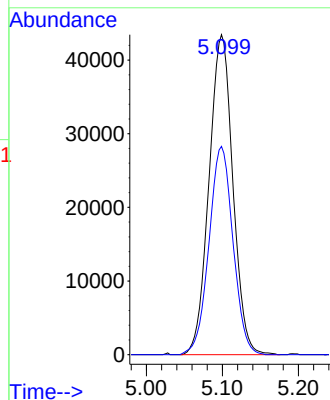
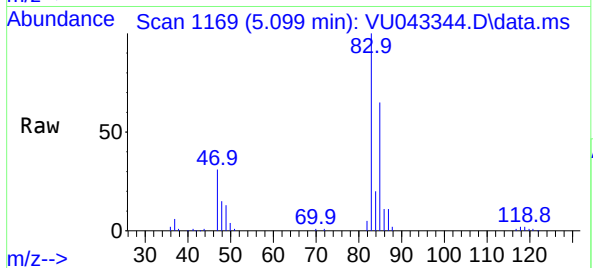


#25

Chloroform
Concen: 5.09 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

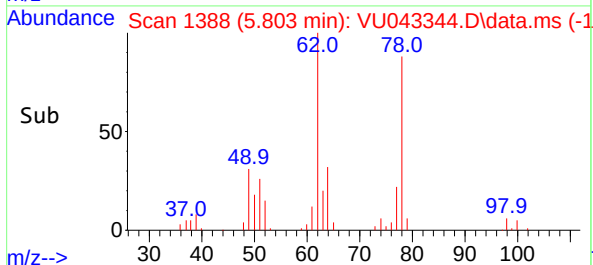
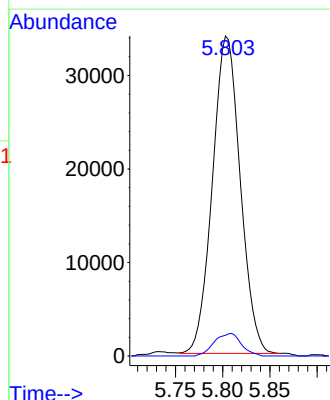
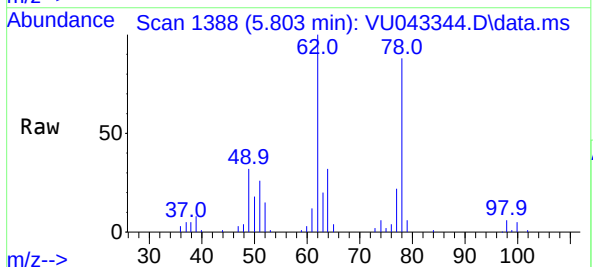
Tgt Ion: 83 Resp: 94597
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.8

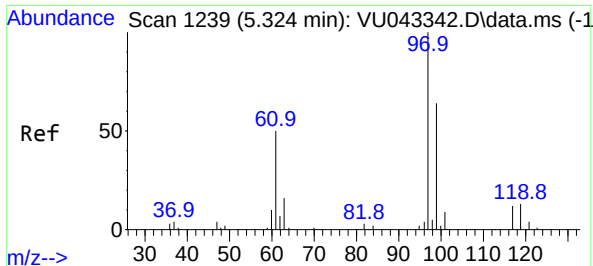


#27

1,2-Dichloroethane
Concen: 5.09 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 62 Resp: 69436
Ion Ratio Lower Upper
62 100
98 6.5 7.5 11.3#

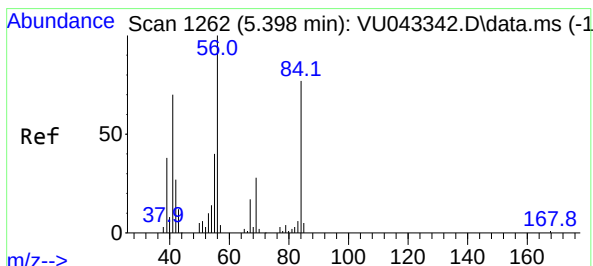
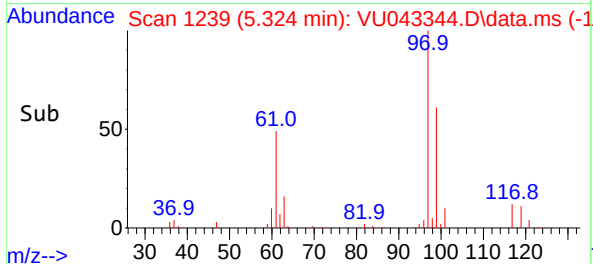
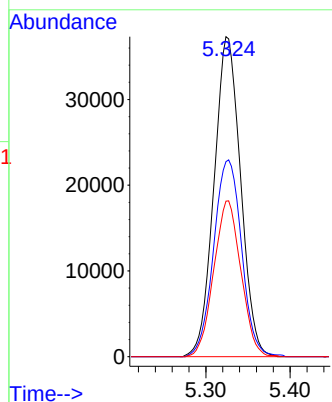
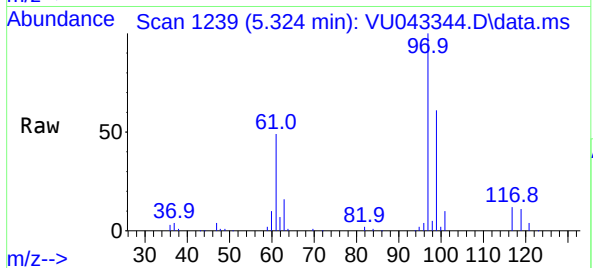




#29
1,1,1-Trichloroethane
Concen: 4.96 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

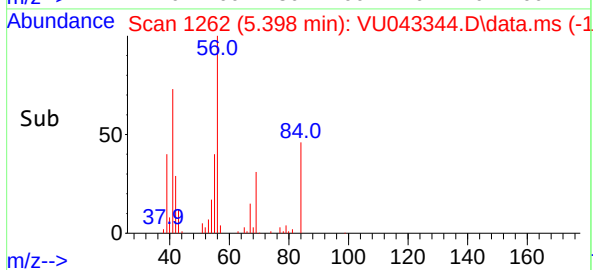
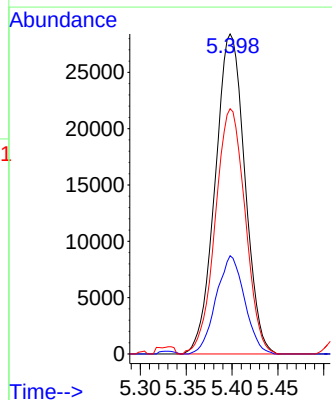
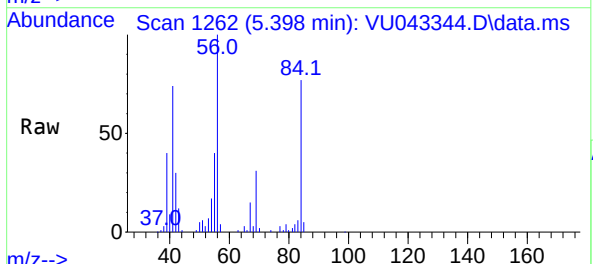
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

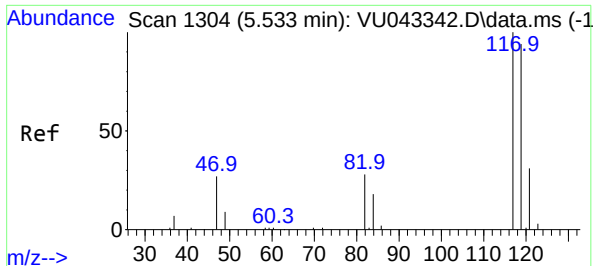
Tgt Ion: 97 Resp: 81669
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 49.7 32.7 49.1#



#30
Cyclohexane
Concen: 4.53 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 56 Resp: 63869
Ion Ratio Lower Upper
56 100
69 29.5 25.2 37.8
84 77.1 76.2 114.4

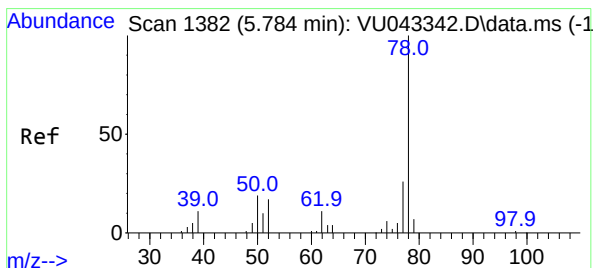
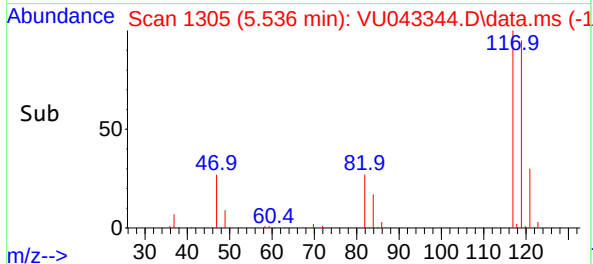
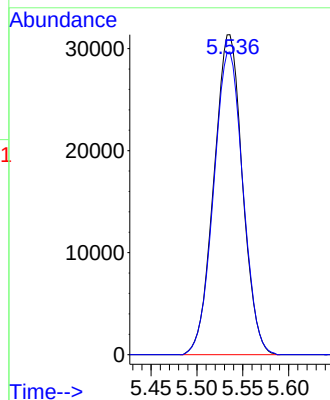
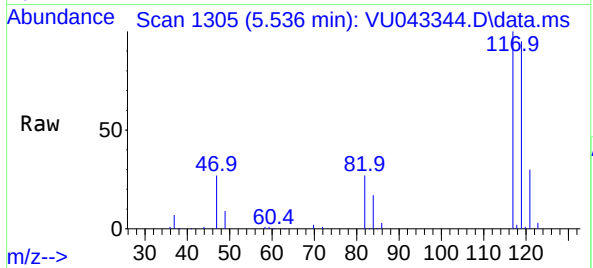




#31
Carbon tetrachloride
Concen: 4.95 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. 0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

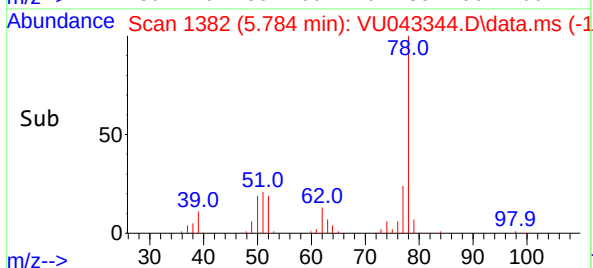
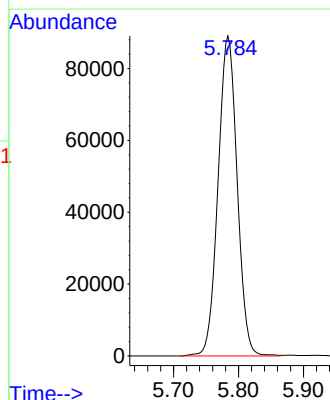
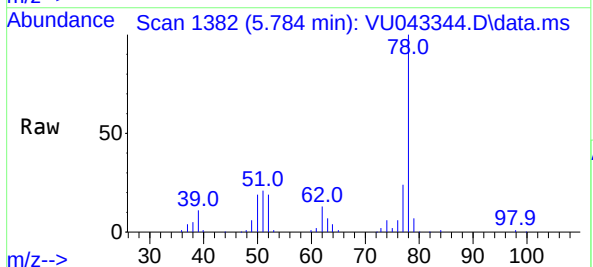
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

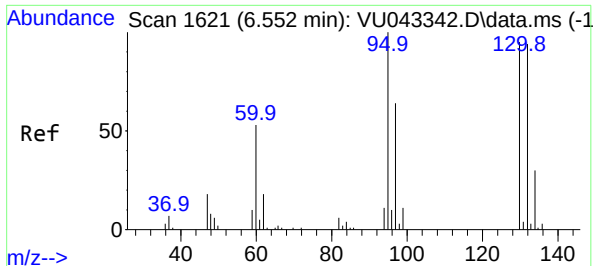
Tgt Ion:117 Resp: 67970
Ion Ratio Lower Upper
117 100
119 96.8 76.2 114.4



#33
Benzene
Concen: 5.08 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 78 Resp: 181110



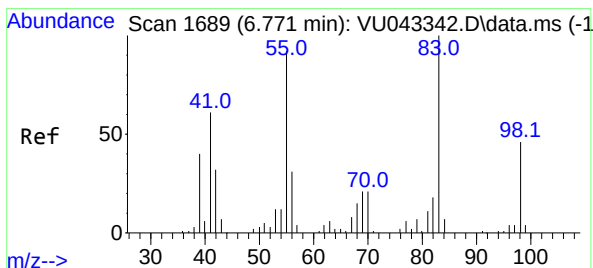
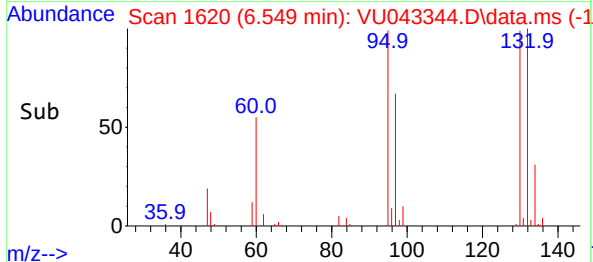
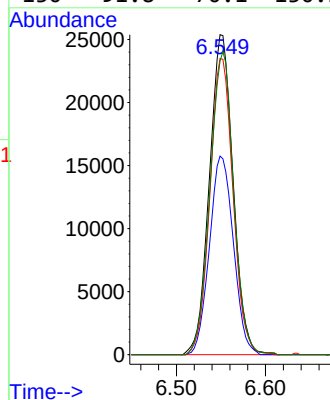
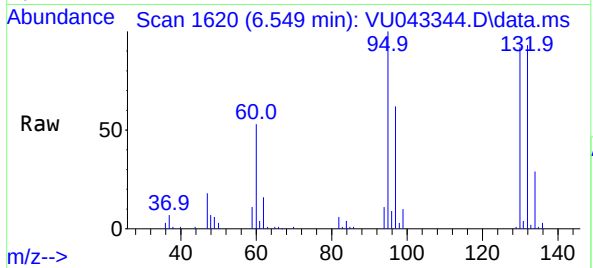


#34
Trichloroethene
Concen: 4.77 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

Tgt Ion: 95 Resp: 46869

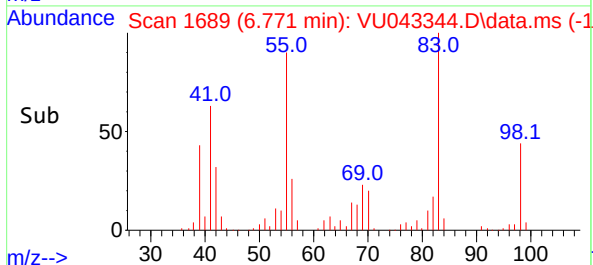
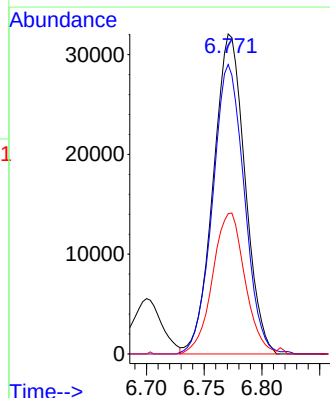
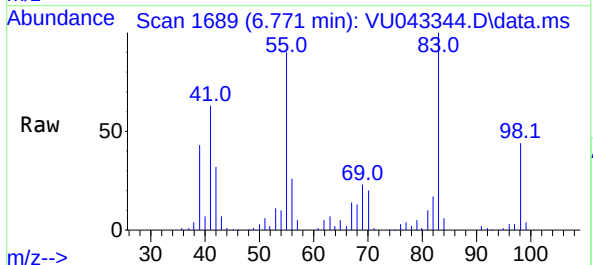
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.8	85.2
132	92.6	68.7	127.7
130	91.8	70.1	130.3

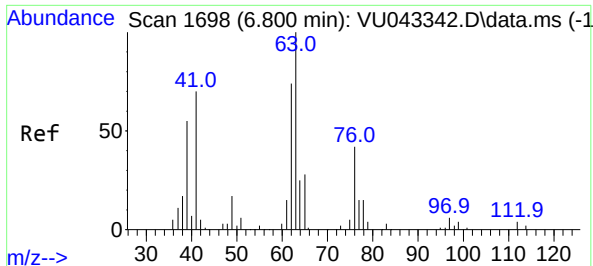


#35
Methylcyclohexane
Concen: 4.51 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 83 Resp: 61283

Ion	Ratio	Lower	Upper
83	100		
55	90.5	59.5	89.3
98	44.9	37.9	56.9

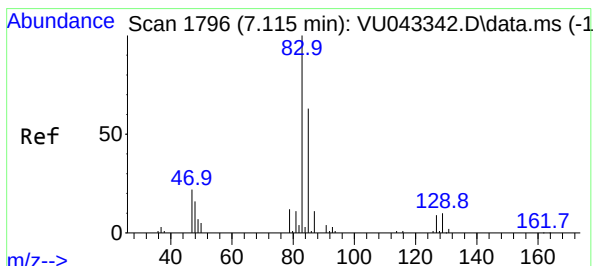
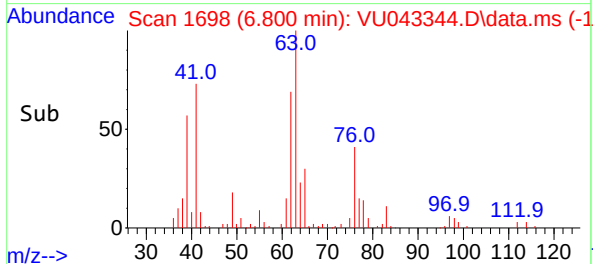
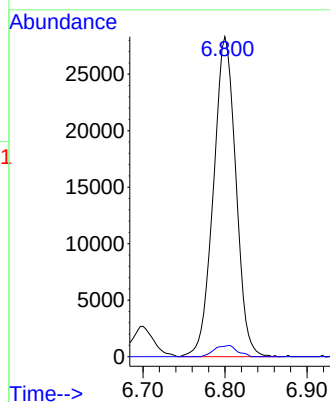
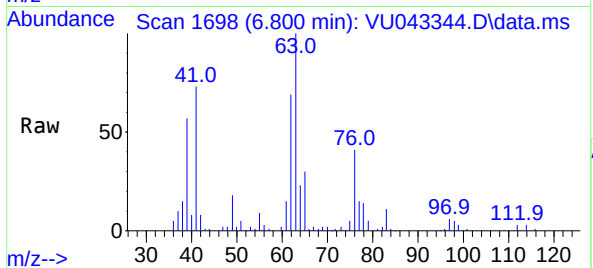




#37
1,2-Dichloropropane
Concen: 5.36 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

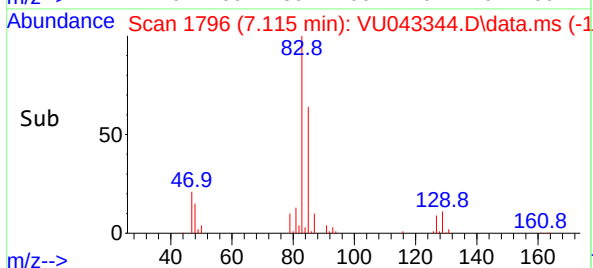
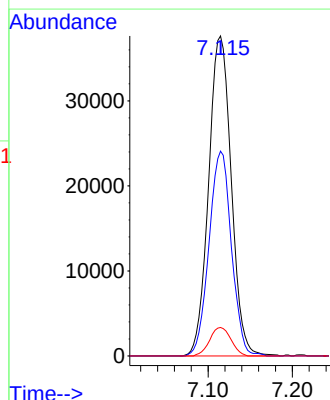
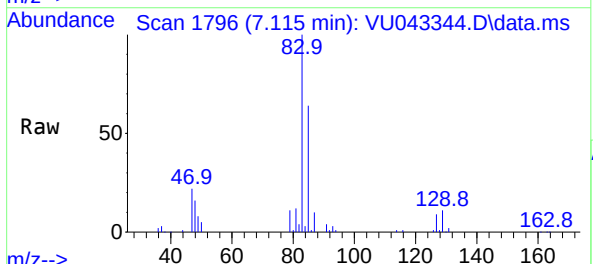
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

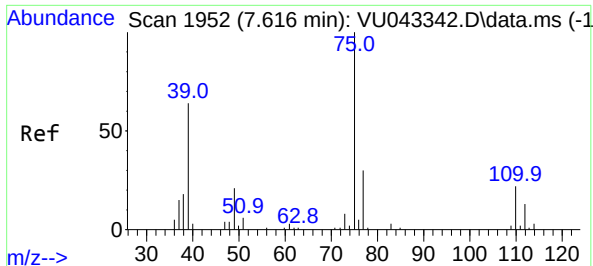
Tgt Ion: 63 Resp: 53803
Ion Ratio Lower Upper
63 100
112 3.6 3.5 5.3



#38
Bromodichloromethane
Concen: 5.22 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 83 Resp: 70264
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8
127 8.9 7.4 11.2

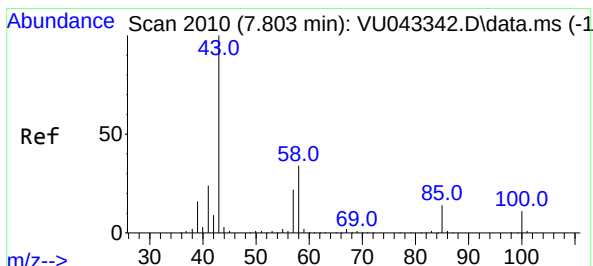
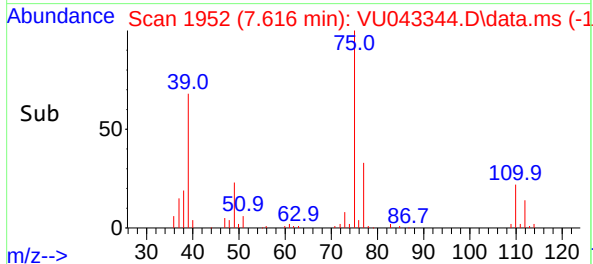
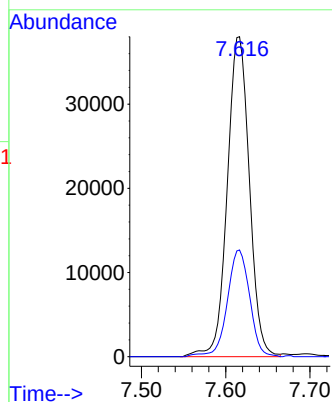
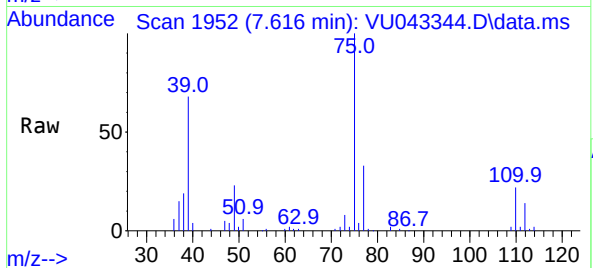




#39
cis-1,3-Dichloropropene
Concen: 4.73 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

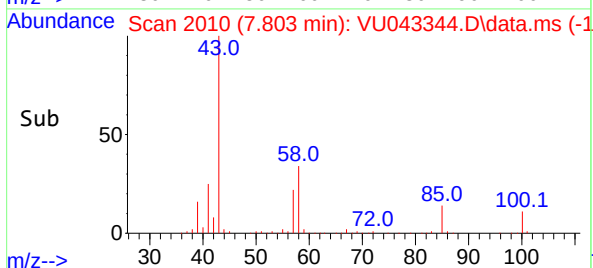
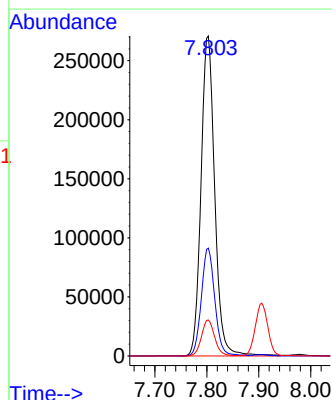
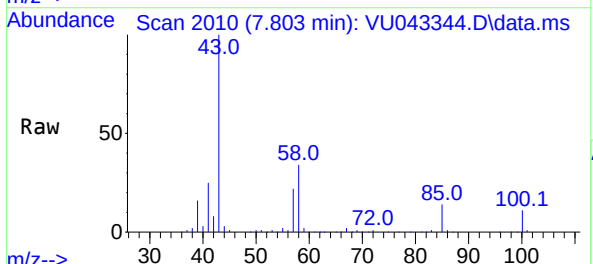
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

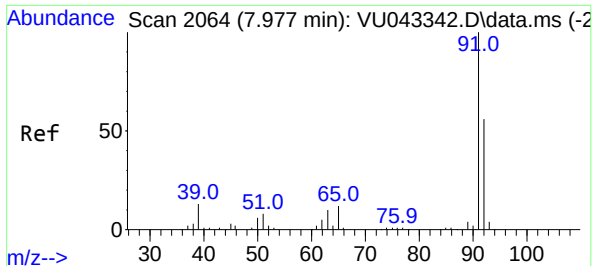
Tgt Ion: 75 Resp: 69288
Ion Ratio Lower Upper
75 100
77 33.4 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 55.32 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 43 Resp: 496796
Ion Ratio Lower Upper
43 100
58 33.0 35.8 53.6#
100 10.8 15.1 22.7#





#42

Toluene

Concen: 4.83 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU043344.D

Acq: 27 Apr 2021 11:15

Tgt Ion: 91 Resp: 192605

Ion Ratio Lower Upper

91 100

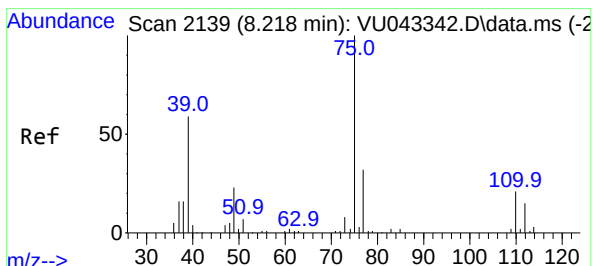
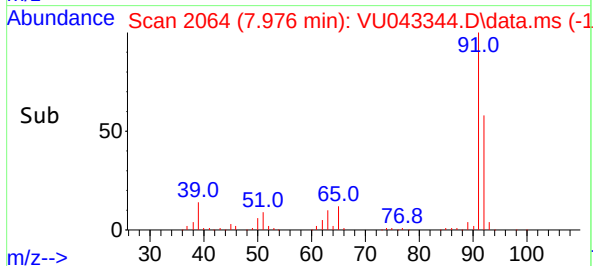
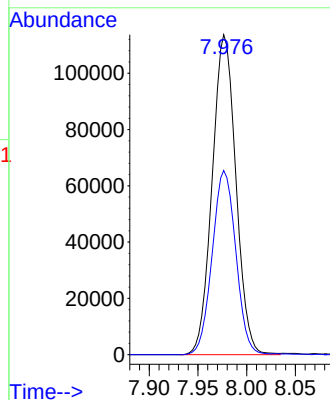
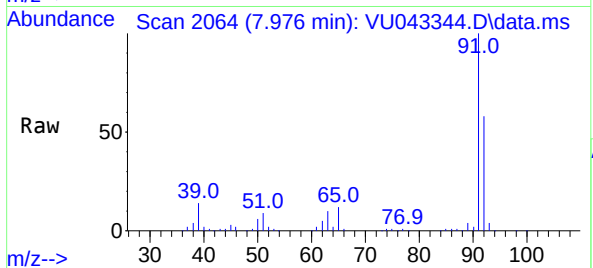
92 57.5 40.9 76.0

Instrument :

MSVOA_U

ClientSampleId :

E0AA0MS



#44

trans-1,3-Dichloropropene

Concen: 4.78 ug/L

RT: 8.218 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU043344.D

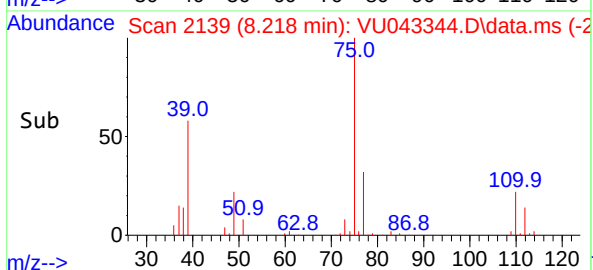
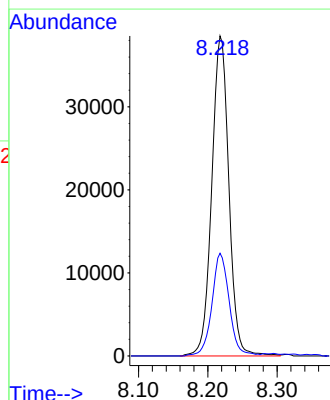
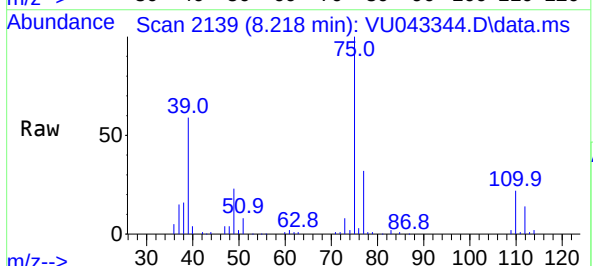
Acq: 27 Apr 2021 11:15

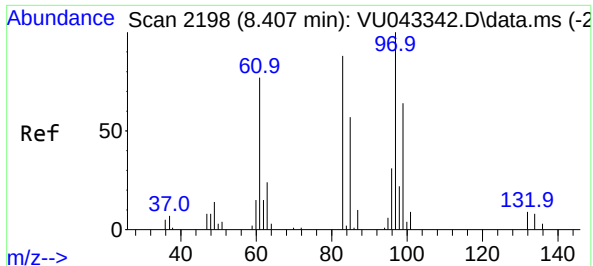
Tgt Ion: 75 Resp: 66031

Ion Ratio Lower Upper

75 100

77 32.1 23.4 43.4





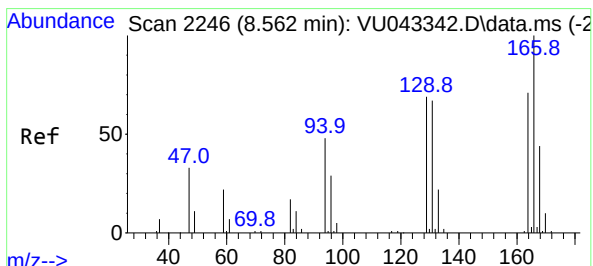
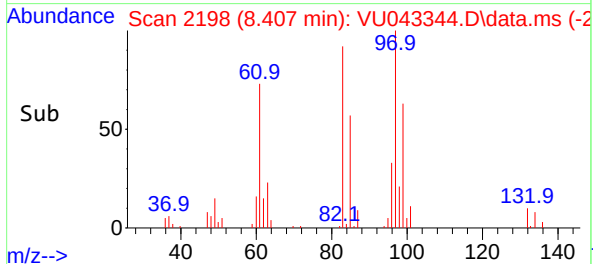
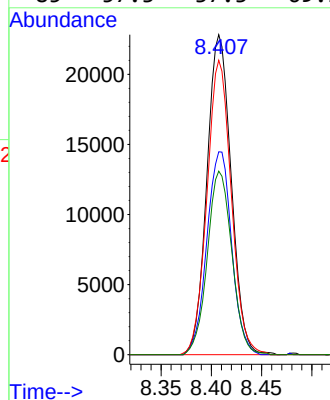
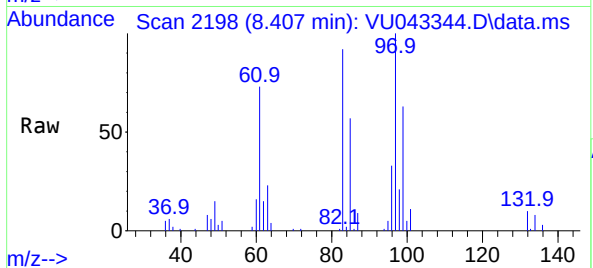
#45

1,1,2-Trichloroethane
Concen: 5.11 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

Tgt Ion: 97 Resp: 38357

Ion	Ratio	Lower	Upper
97	100		
99	63.4	44.2	82.0
83	92.0	60.1	111.7
85	57.3	37.3	69.3

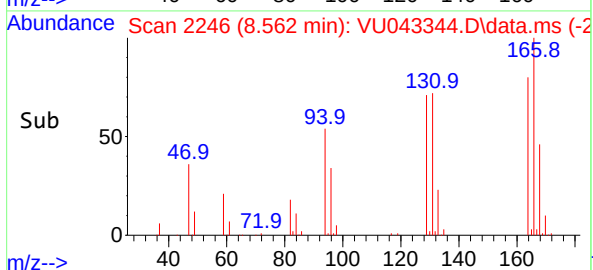
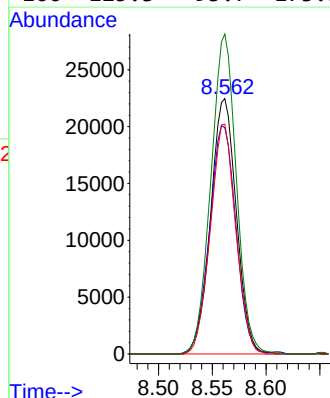
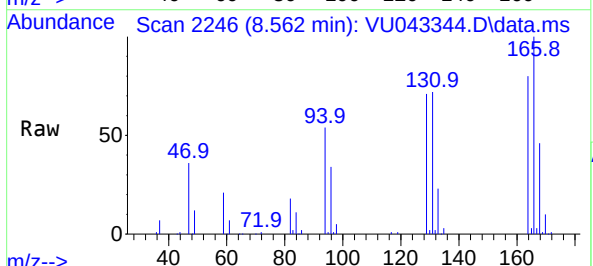


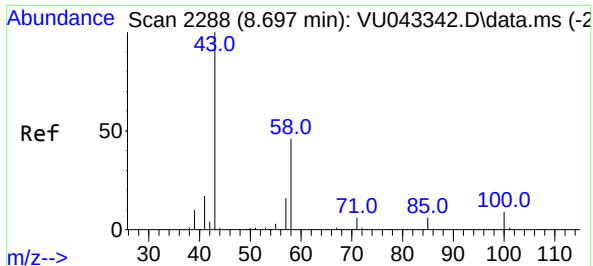
#47

Tetrachloroethene
Concen: 4.80 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 164 Resp: 37380

Ion	Ratio	Lower	Upper
164	100		
129	88.5	66.6	123.8
131	90.0	65.9	122.3
166	125.3	93.7	173.9

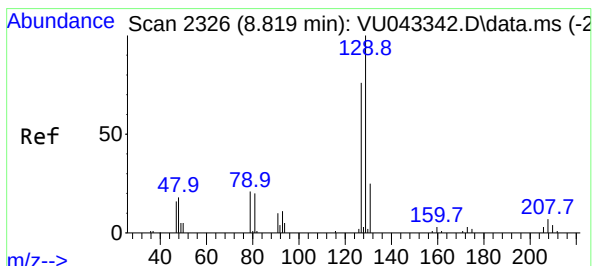
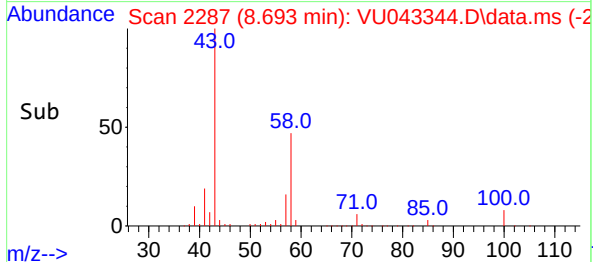
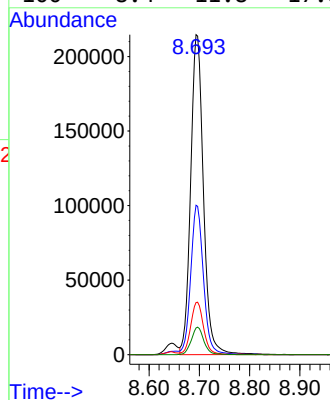
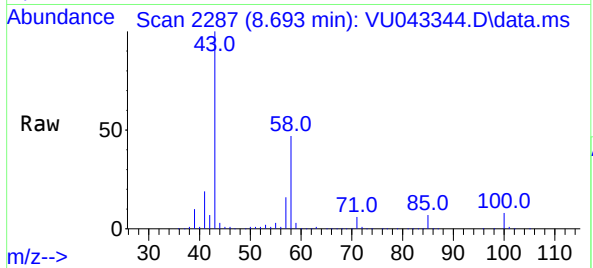




#48
2-Hexanone
Concen: 57.36 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

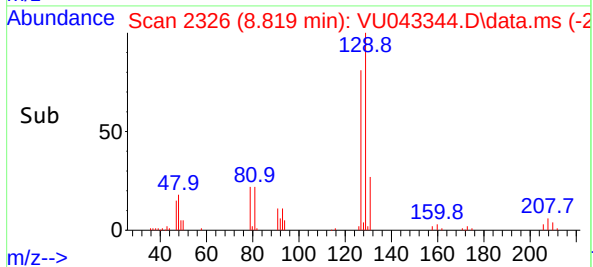
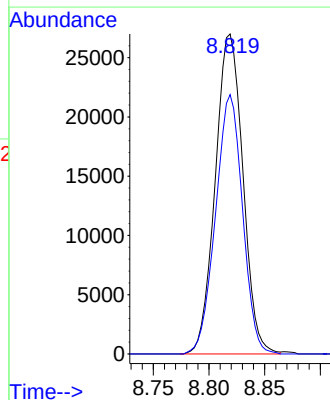
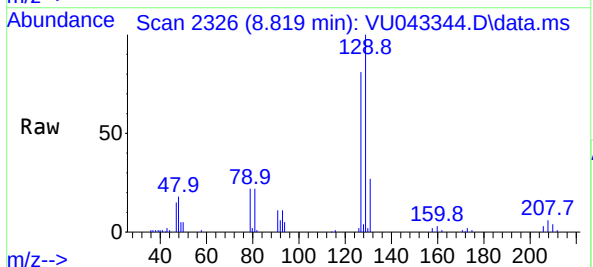
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

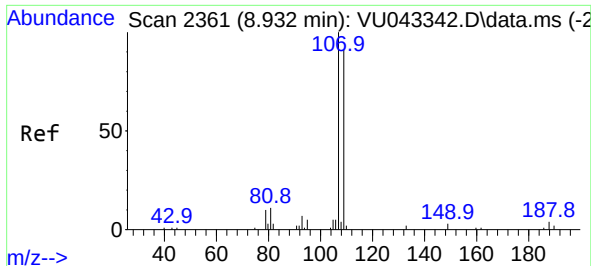
Tgt Ion: 43 Resp: 379037
Ion Ratio Lower Upper
43 100
58 47.5 50.0 75.0#
57 16.4 17.4 26.0#
100 8.4 11.8 17.8#



#49
Dibromochloromethane
Concen: 4.93 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

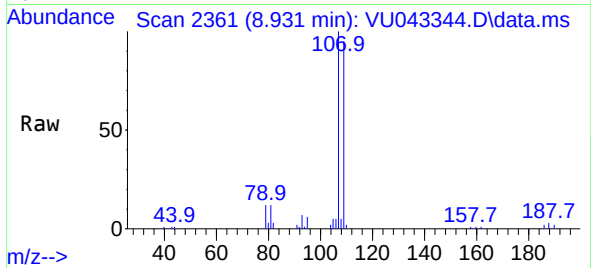
Tgt Ion: 129 Resp: 46661
Ion Ratio Lower Upper
129 100
127 81.0 56.6 105.2



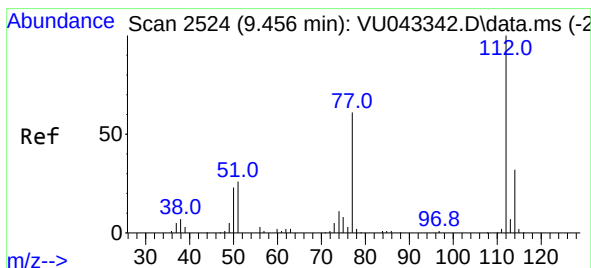
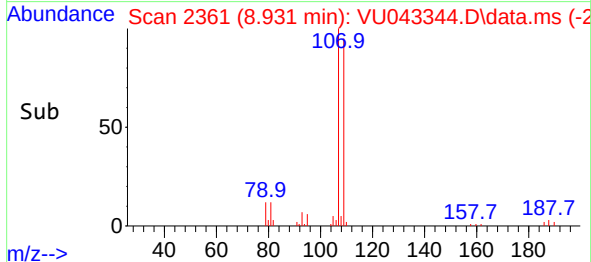
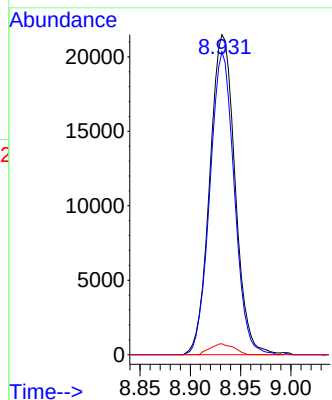


#50
1,2-Dibromoethane
Concen: 5.03 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

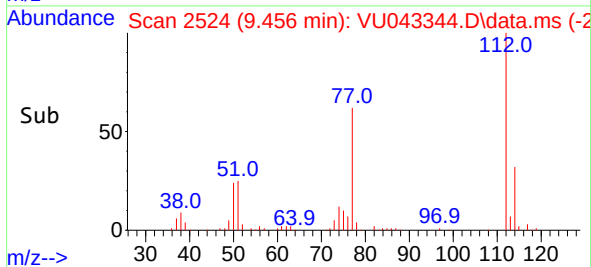
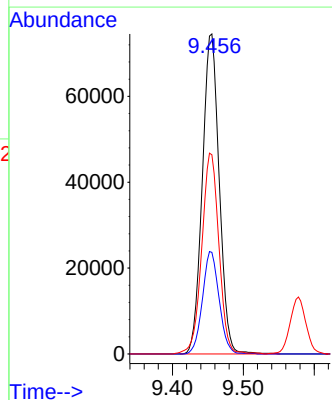
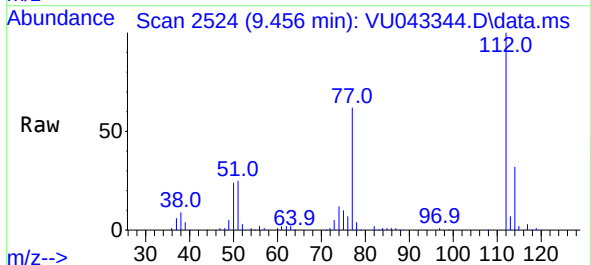


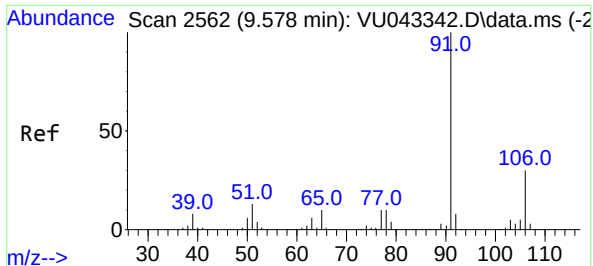
Tgt Ion:107 Resp: 37564
Ion Ratio Lower Upper
107 100
109 94.7 65.4 121.4
188 3.4 2.5 3.7



#51
Chlorobenzene
Concen: 4.86 ug/L
RT: 9.456 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:112 Resp: 123487
Ion Ratio Lower Upper
112 100
114 31.8 21.9 40.7
77 62.3 45.1 67.7

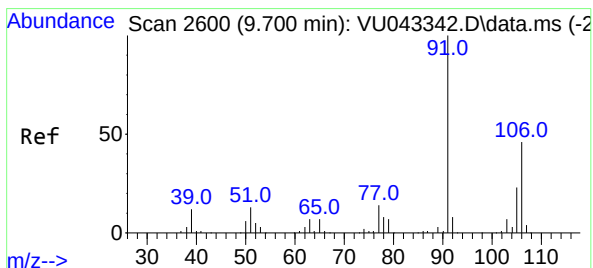
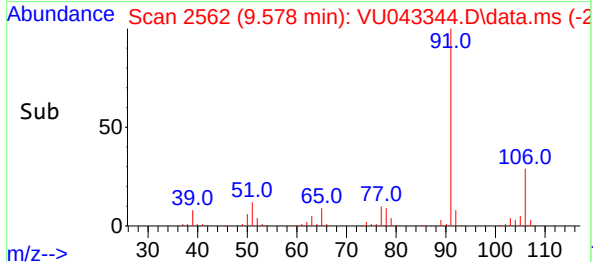
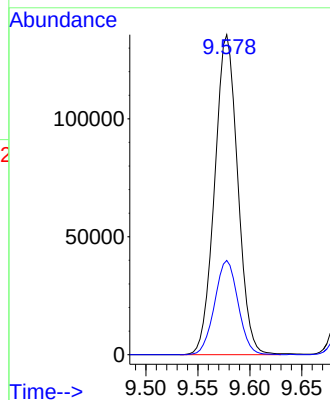
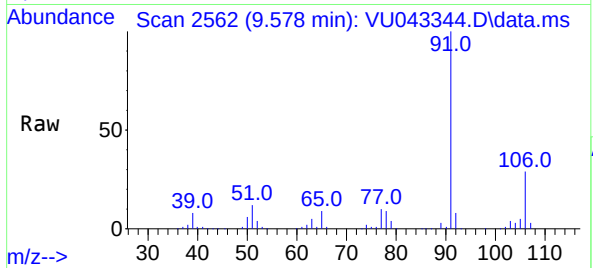




#52
Ethylbenzene
Concen: 4.59 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

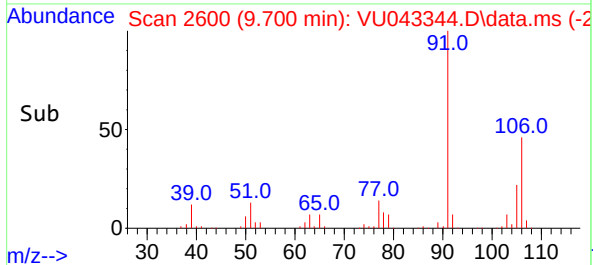
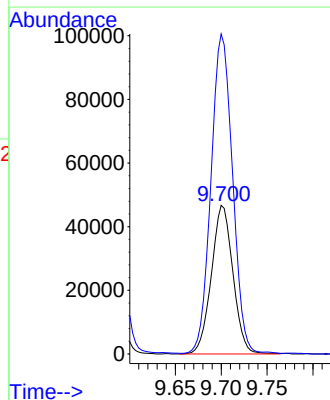
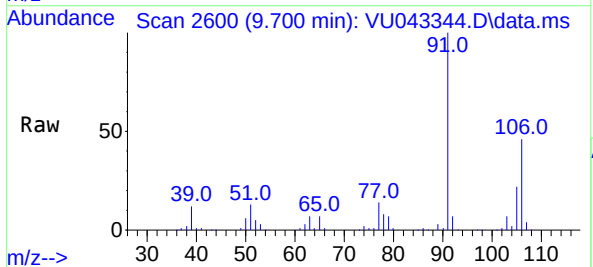
Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

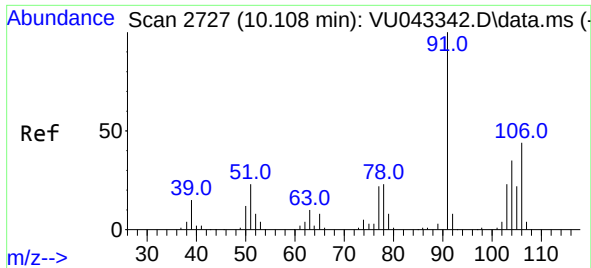
Tgt Ion: 91 Resp: 209383
Ion Ratio Lower Upper
91 100
106 29.5 22.0 40.8



#53
m,p-Xylene
Concen: 4.58 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 106 Resp: 76431
Ion Ratio Lower Upper
106 100
91 215.3 137.6 255.6

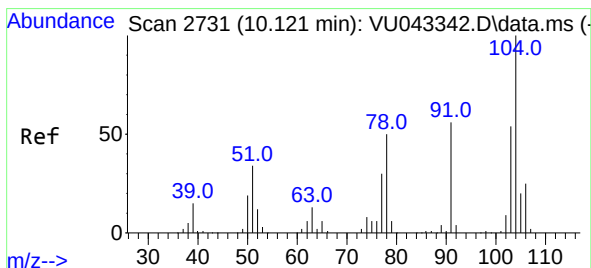
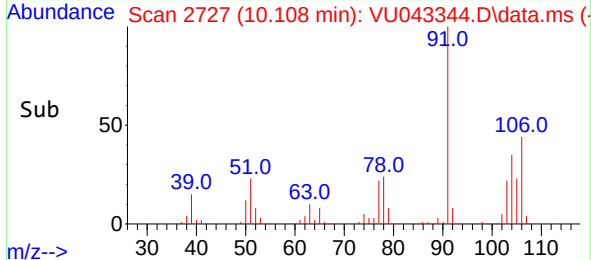
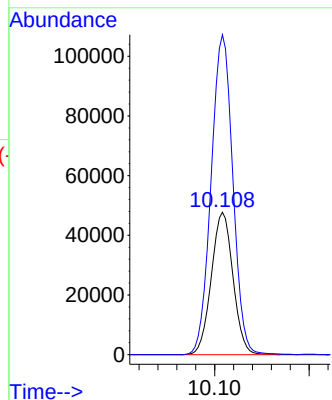
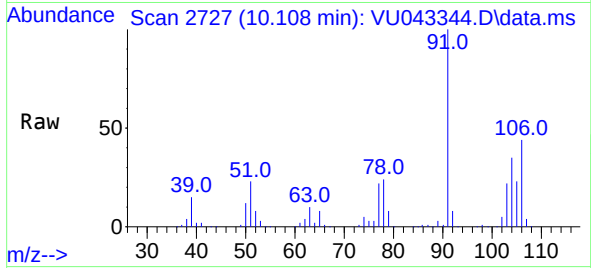




#54
o-Xylene
Concen: 4.59 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

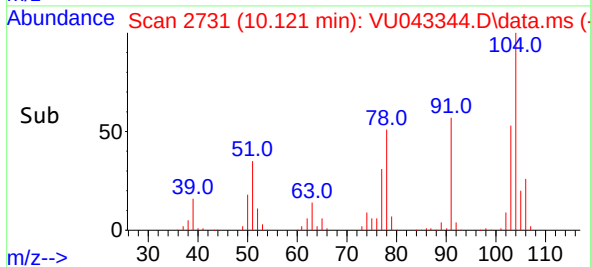
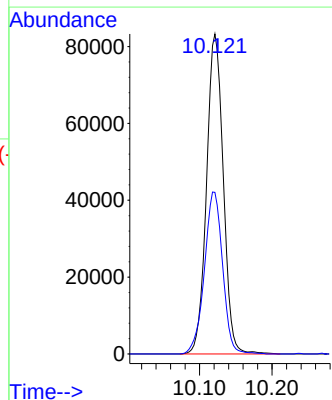
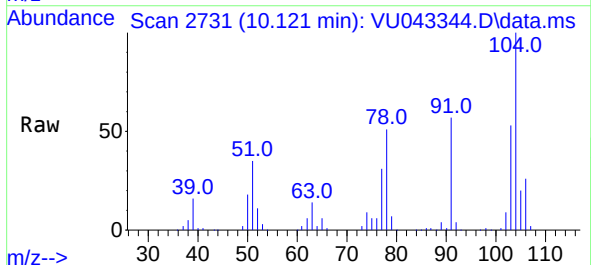
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

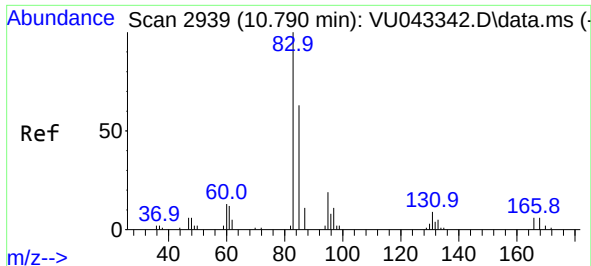
Tgt Ion:106 Resp: 75901
Ion Ratio Lower Upper
106 100
91 224.8 148.5 275.9



#55
Styrene
Concen: 4.73 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:104 Resp: 133868
Ion Ratio Lower Upper
104 100
78 50.5 32.3 60.1



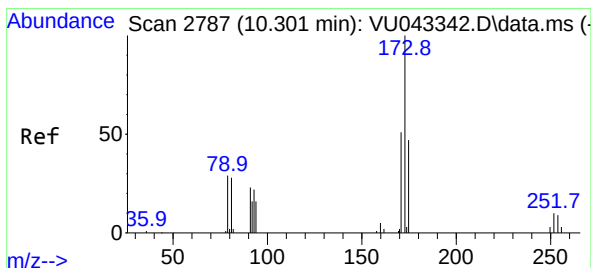
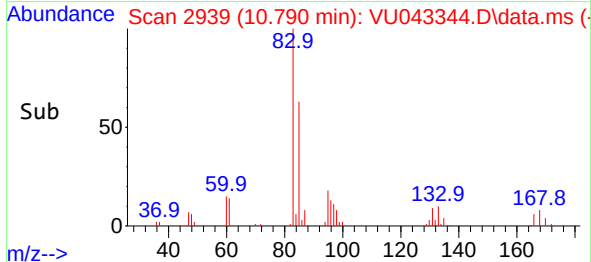
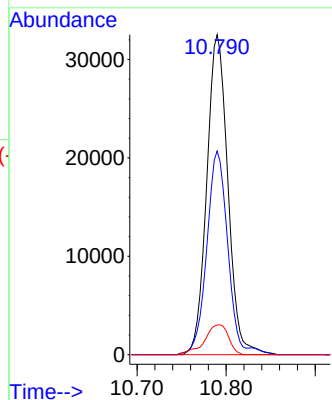
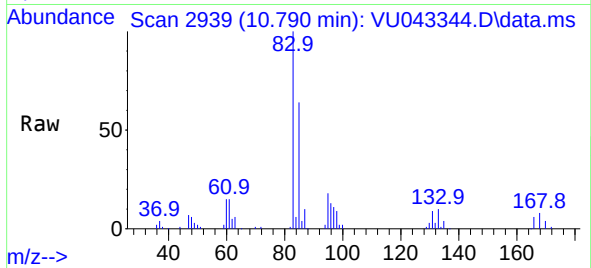


#57
1,1,2,2-Tetrachloroethane
Concen: 5.42 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

Tgt Ion: 83 Resp: 53466

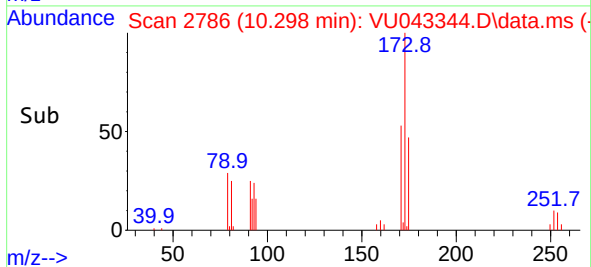
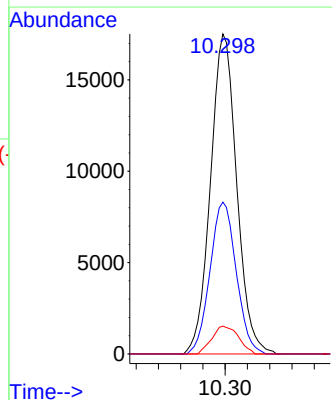
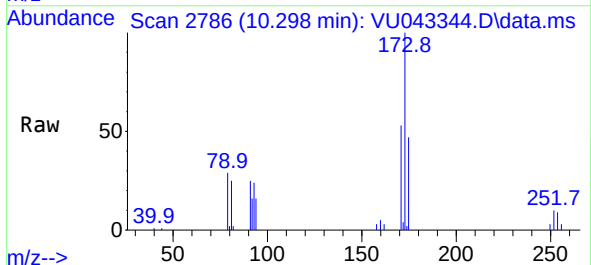
Ion	Ratio	Lower	Upper
83	100		
85	63.7	44.9	83.5
131	9.3	8.2	12.4

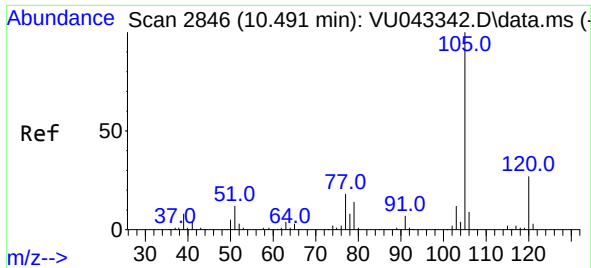


#59
Bromoform
Concen: 4.82 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 173 Resp: 28640

Ion	Ratio	Lower	Upper
173	100		
175	47.4	39.4	59.0
254	8.8	8.0	12.0



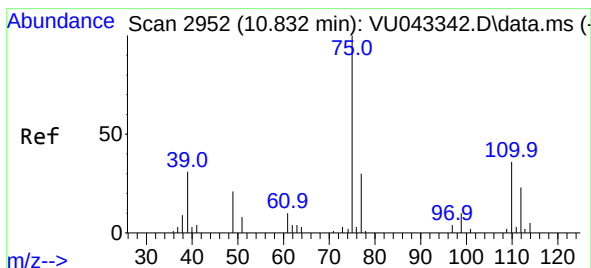
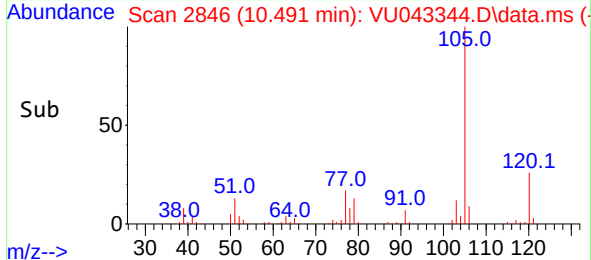
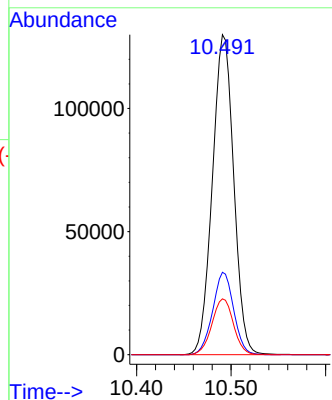
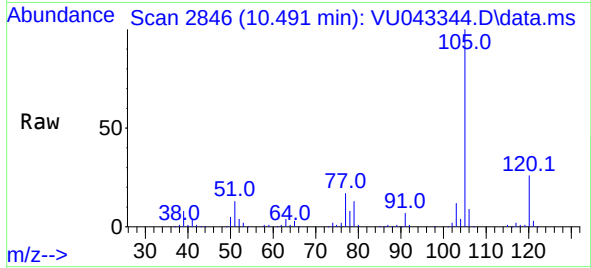


#60
Isopropylbenzene
Concen: 4.37 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

Tgt Ion:105 Resp: 203860

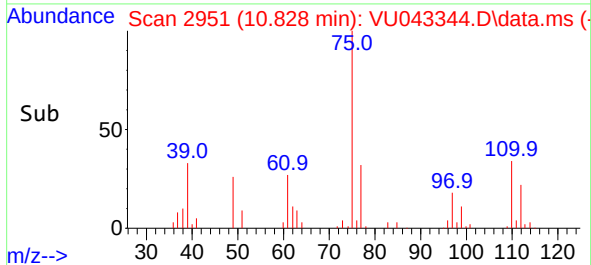
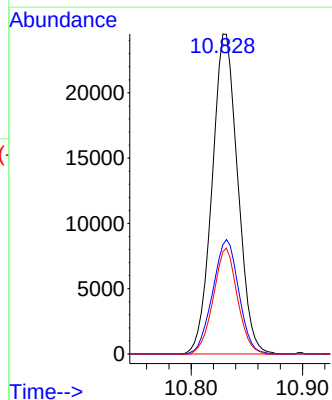
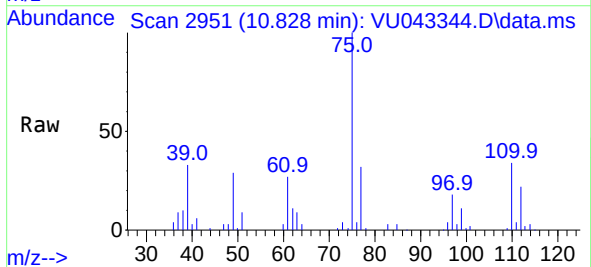
Ion	Ratio	Lower	Upper
105	100		
120	25.3	20.9	31.3
77	17.6	11.8	17.8

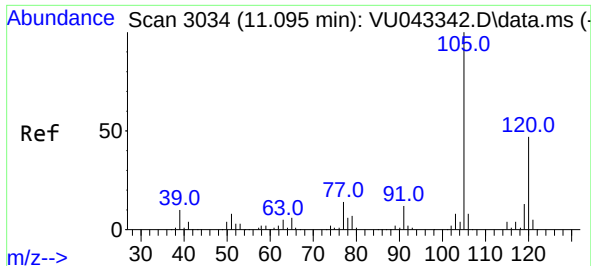


#61
1,2,3-Trichloropropane
Concen: 5.20 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 75 Resp: 39039

Ion	Ratio	Lower	Upper
75	100		
110	36.4	31.5	47.3
77	31.1	26.3	39.5

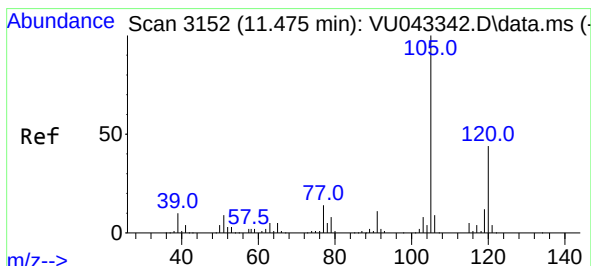
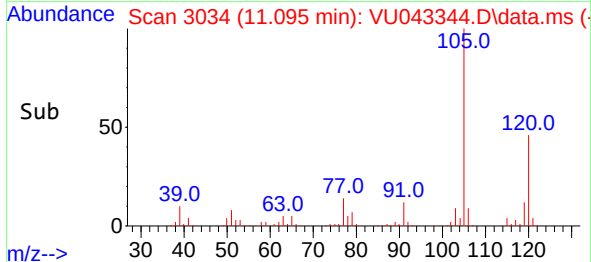
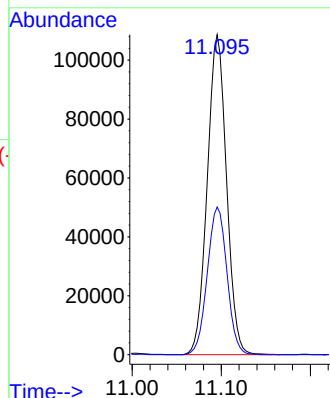
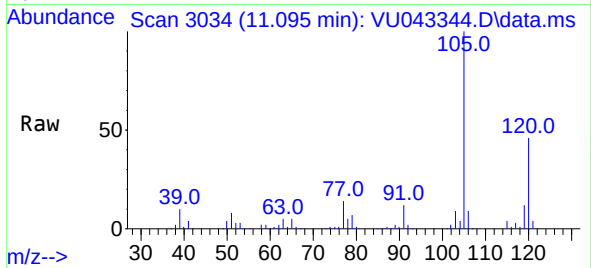




#62
1,3,5-Trimethylbenzene
Concen: 4.27 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

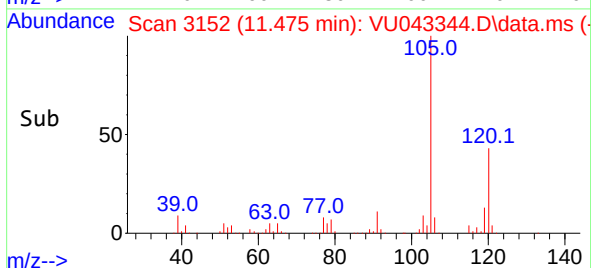
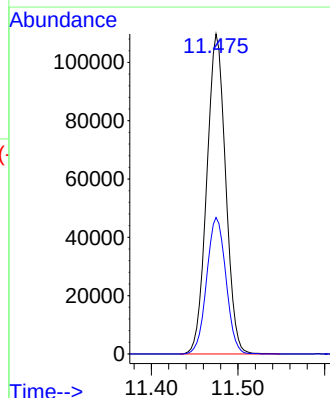
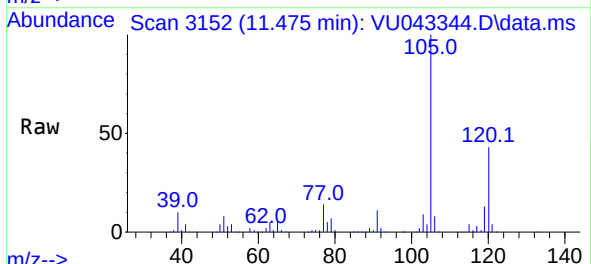
Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

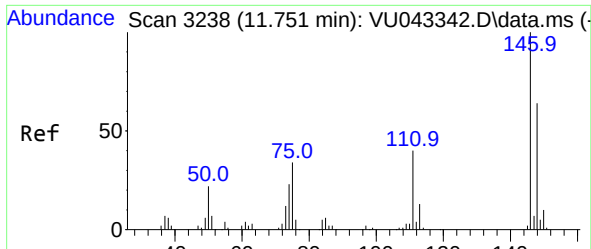
Tgt Ion:105 Resp: 163009
Ion Ratio Lower Upper
105 100
120 47.1 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 4.23 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:105 Resp: 166077
Ion Ratio Lower Upper
105 100
120 43.5 36.7 55.1

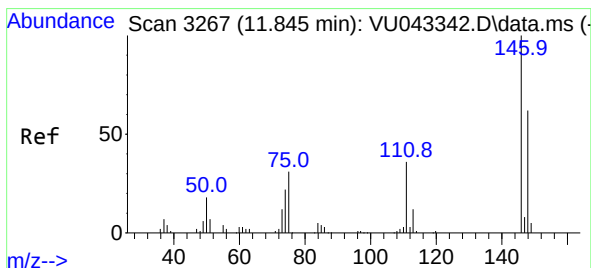
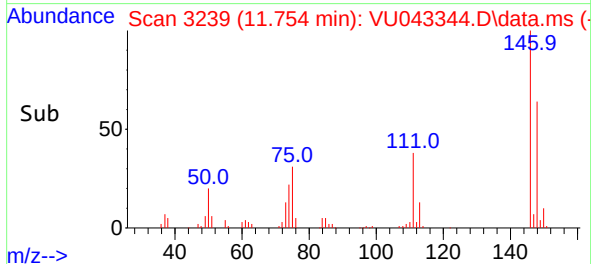
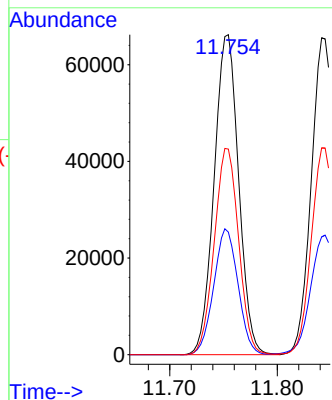
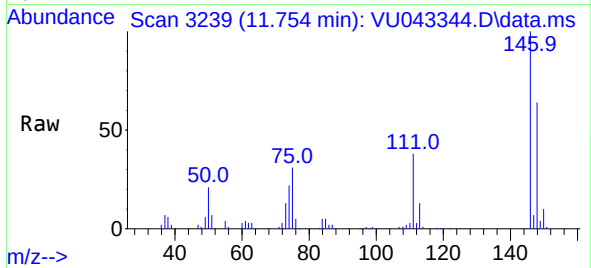




#64
1,3-Dichlorobenzene
Concen: 4.73 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

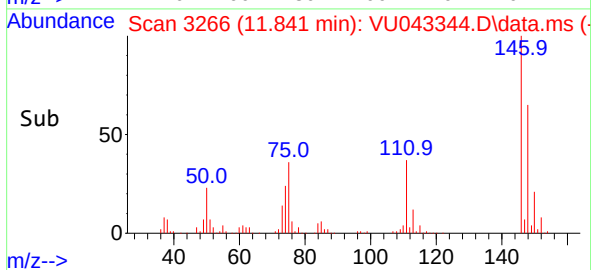
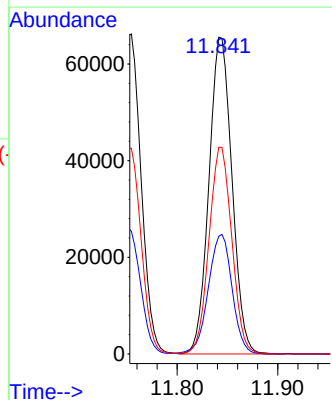
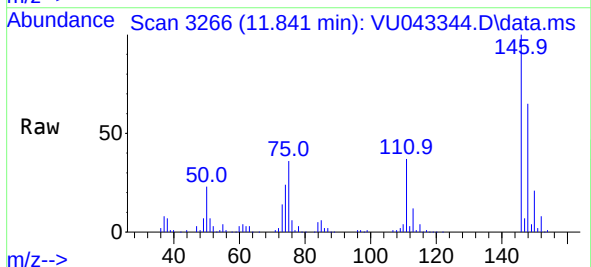
Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

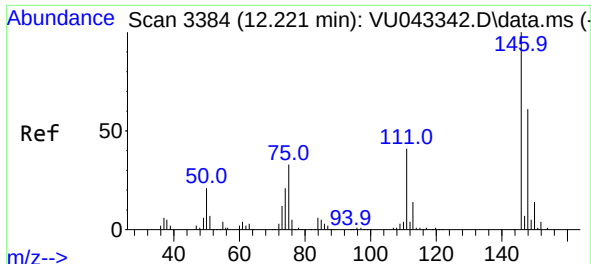
Tgt Ion:146 Resp: 104852
Ion Ratio Lower Upper
146 100
111 38.3 27.6 51.2
148 64.3 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 4.64 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:146 Resp: 104253
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.5
148 65.2 43.9 81.5

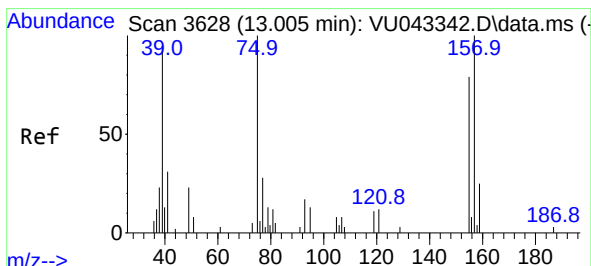
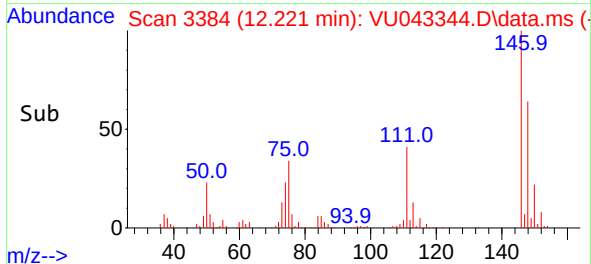
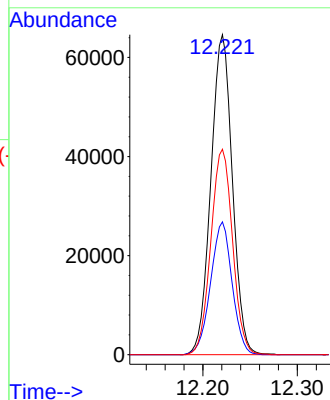
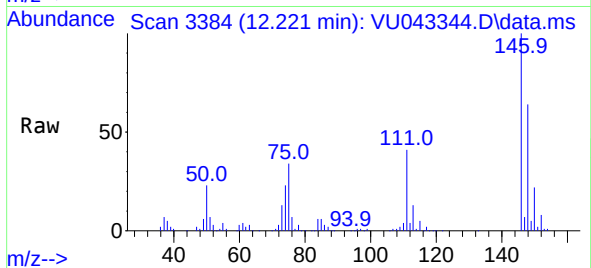




#67
1,2-Dichlorobenzene
Concen: 4.75 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

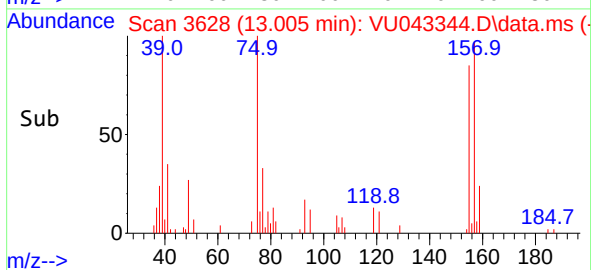
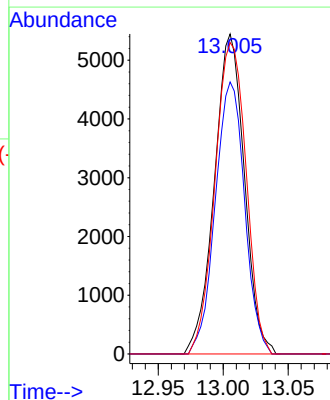
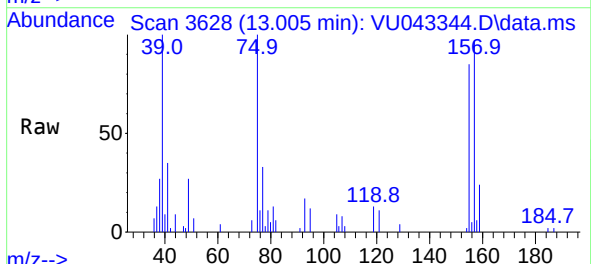
Instrument :
MSVOA_U
ClientSampled :
E0AA0MS

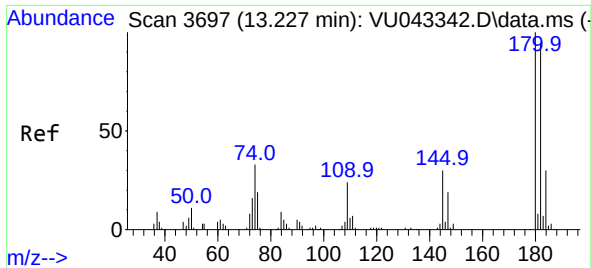
Tgt Ion:146 Resp: 102110
Ion Ratio Lower Upper
146 100
111 41.5 31.9 47.9
148 64.2 48.8 73.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.79 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion: 75 Resp: 8758
Ion Ratio Lower Upper
75 100
155 85.0 67.8 101.8
157 97.3 82.4 123.6



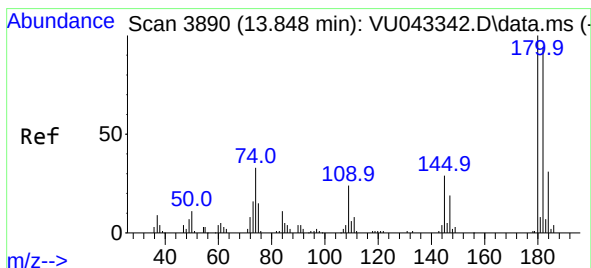
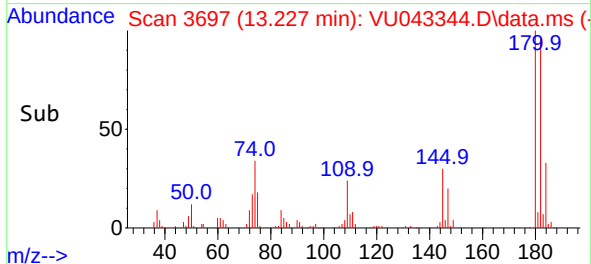
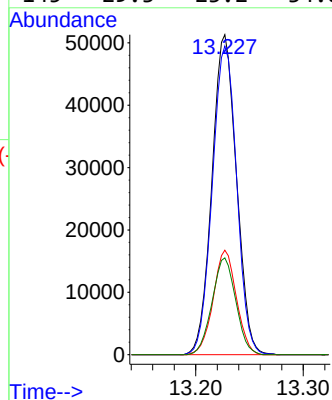
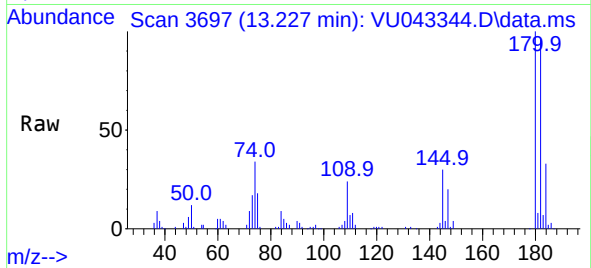


#69
1,3,5-Trichlorobenzene
Concen: 4.47 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

Tgt Ion:180 Resp: 81133

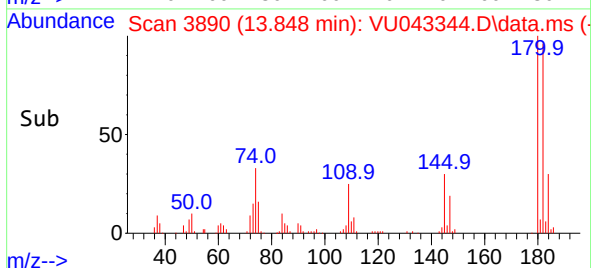
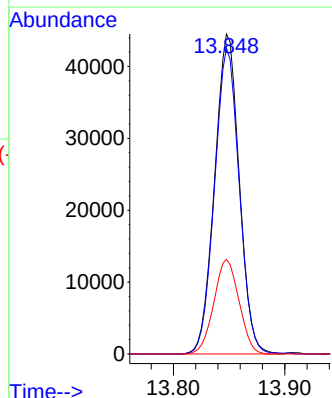
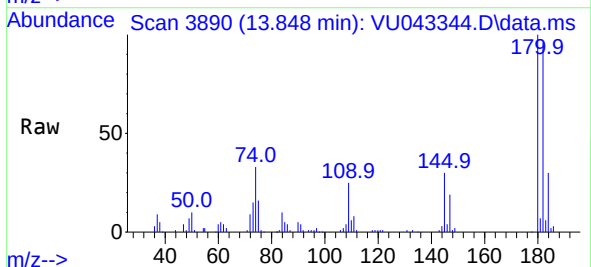
Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.1	114.1
184	31.0	24.0	36.0
145	29.3	23.2	34.8

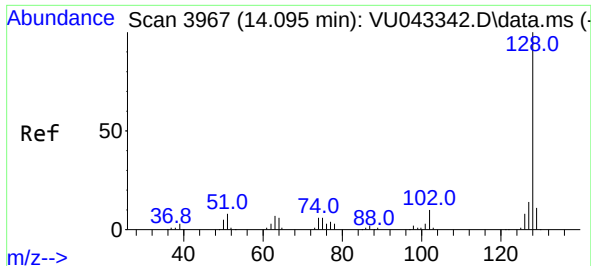


#70
1,2,4-trichlorobenzene
Concen: 4.54 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:180 Resp: 68359

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.5	114.7
145	30.1	24.1	36.1



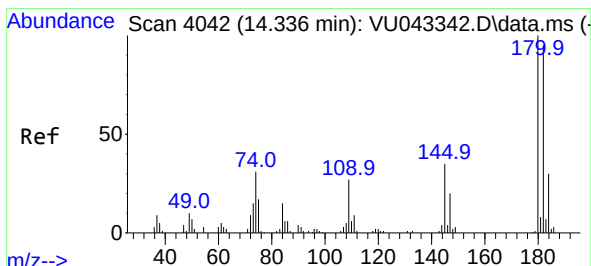
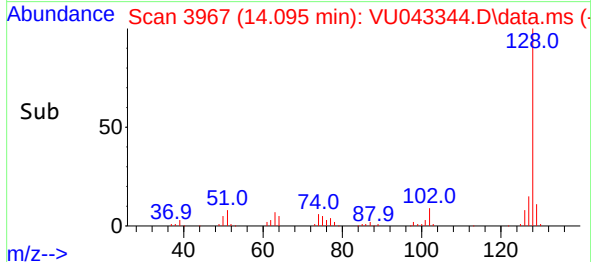
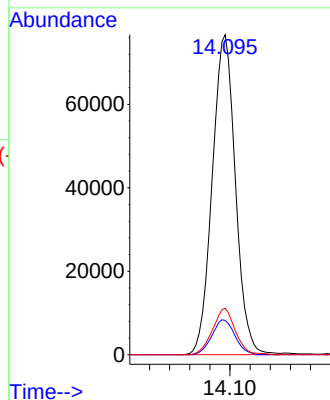
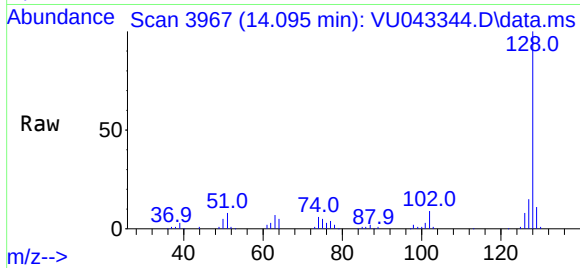


#71
Naphthalene
Concen: 4.83 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Instrument :
MSVOA_U
ClientSampleId :
E0AA0MS

Tgt Ion:128 Resp: 122658

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	14.3	10.6	15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.77 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043344.D
Acq: 27 Apr 2021 11:15

Tgt Ion:180 Resp: 65817

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.8	113.8
145	30.8	25.0	37.4

