

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040721\
 Data File : VU042981.D
 Acq On : 07 Apr 2021 16:24
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 08 15:32:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM040721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 08 08:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	186927	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	182207	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	100782	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	50238	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.34%		
7) Chloroethane-d5	1.915	69	42219	46.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.72%		
11) 1,1-Dichloroethene-d2	2.575	63	120576	48.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.46%		
21) 2-Butanone-d5	4.626	46	144173	95.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.86%		
24) Chloroform-d	5.073	84	126160	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.28%		
26) 1,2-Dichloroethane-d4	5.710	65	89605	45.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.32%		
32) Benzene-d6	5.735	84	222014	47.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.92%		
36) 1,2-Dichloropropane-d6	6.700	67	74475	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	93.60%		
41) Toluene-d8	7.906	98	219173	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.00%		
43) trans-1,3-Dichloroprop...	8.185	79	39801	47.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	95.22%		
47) 2-Hexanone-d5	8.639	63	93774	94.54	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.54%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	125101	46.42	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.84%		
66) 1,2-Dichlorobenzene-d4	12.201	152	98769	48.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.44%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	73805	49.94	ug/L	98
3) Chloromethane	1.523	50	73732	48.80	ug/L	97
5) Vinyl chloride	1.610	62	70195	49.86	ug/L	98
6) Bromomethane	1.854	94	47156	53.08	ug/L	96
8) Chloroethane	1.935	64	45212	49.14	ug/L	98
9) Trichlorofluoromethane	2.144	101	117852	50.58	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	64782	52.35	ug/L	99
12) 1,1-Dichloroethene	2.587	96	57855	51.38	ug/L	87
13) Acetone	2.626	43	157632	130.75	ug/L	100
14) Carbon disulfide	2.800	76	178323	49.41	ug/L	99
15) Methyl Acetate	2.951	43	106076	50.10	ug/L	99
16) Methylene chloride	3.054	84	68590	51.17	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	62285	50.74	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	216555	50.86	ug/L	99
19) 1,1-Dichloroethane	3.880	63	127811	50.96	ug/L	97
20) cis-1,2-Dichloroethene	4.674	96	69520	50.53	ug/L	96
22) 2-Butanone	4.706	43	197823	114.29	ug/L	99
23) Bromochloromethane	4.983	128	36594	49.89	ug/L	95
25) Chloroform	5.099	83	132174	50.79	ug/L	100

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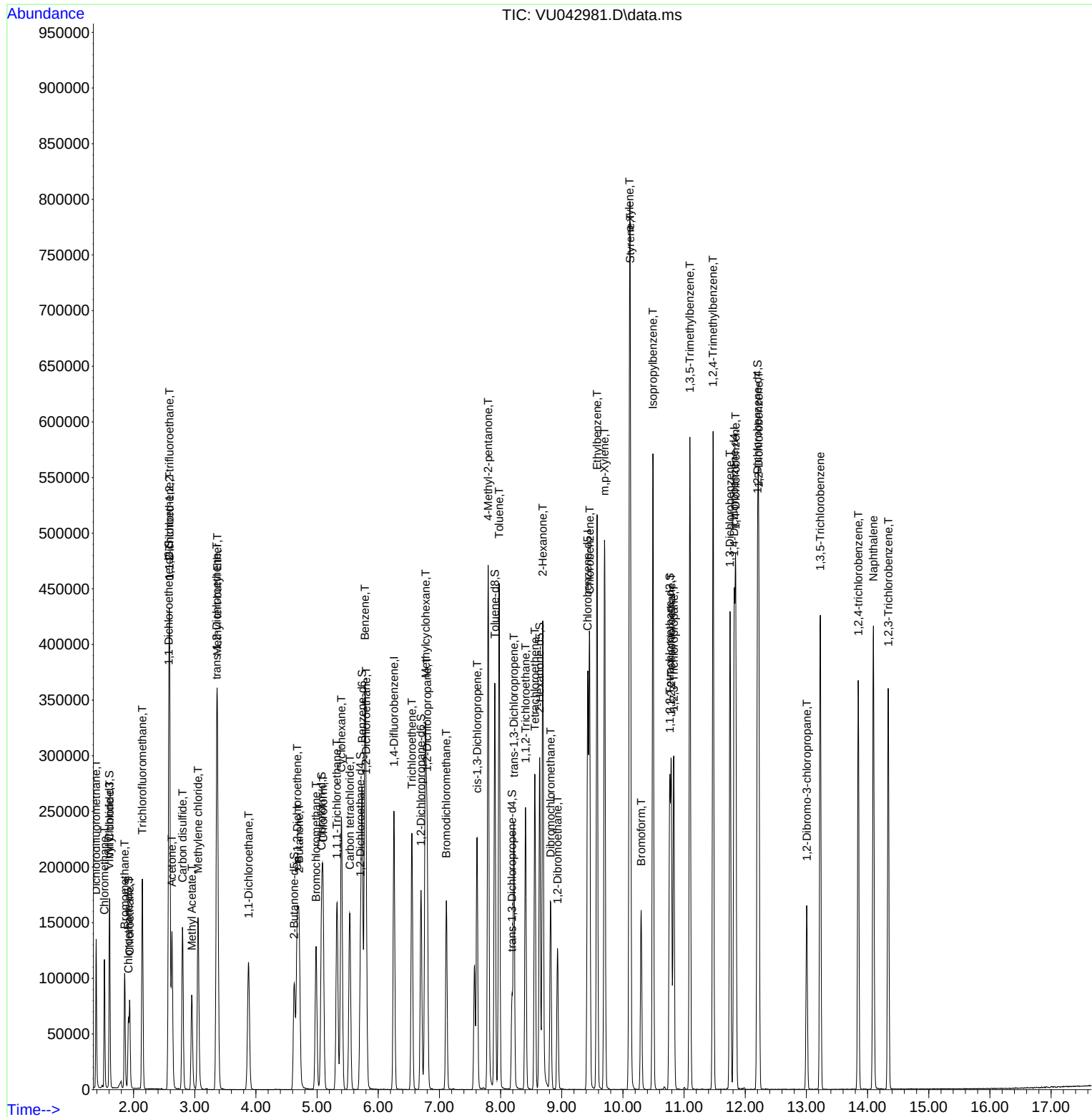
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	117979	49.76	ug/L	100
29) Cyclohexane	5.398	56	118148	51.45	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	119615	50.94	ug/L	98
31) Carbon tetrachloride	5.536	117	103727	51.71	ug/L	97
33) Benzene	5.784	78	271455	51.90	ug/L	100
34) Trichloroethene	6.549	95	73038	51.34	ug/L	97
35) Methylcyclohexane	6.774	83	114365	53.08	ug/L	99
37) 1,2-Dichloropropane	6.800	63	75475	51.47	ug/L	99
38) Bromodichloromethane	7.111	83	101219	51.30	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	116175	51.84	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	319890	101.04	ug/L	100
42) Toluene	7.976	91	303539	51.88	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	119170	52.20	ug/L	96
45) 1,1,2-Trichloroethane	8.407	97	70537	51.60	ug/L	98
46) Tetrachloroethene	8.562	164	59745	52.55	ug/L	99
48) 2-Hexanone	8.690	43	280116	105.23	ug/L	98
49) Dibromochloromethane	8.819	129	80747	49.74	ug/L	98
50) 1,2-Dibromoethane	8.931	107	79195	50.80	ug/L	99
51) Chlorobenzene	9.455	112	189165	51.29	ug/L	99
52) Ethylbenzene	9.578	91	342805	52.17	ug/L	100
53) m,p-Xylene	9.700	106	128499	52.86	ug/L	98
54) o-xylene	10.108	106	125763	51.62	ug/L	98
55) Styrene	10.121	104	214502	51.18	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	129688	48.47	ug/L	98
59) Bromoform	10.298	173	69783	49.16	ug/L	96
60) 1,2,3-Trichloropropane	10.832	75	112929	48.64	ug/L	99
61) Isopropylbenzene	10.491	105	343952	51.78	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	300287	52.84	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	305168	53.03	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	163366	50.78	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	164677	51.55	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	163480	50.62	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	38534	51.65	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	127875	53.17	ug/L	99
70) 1,2,4-trichlorobenzene	13.847	180	107967	57.27	ug/L	100
71) Naphthalene	14.095	128	316311	56.52	ug/L	100
72) 1,2,3-Trichlorobenzene	14.339	180	103805	56.58	ug/L	99

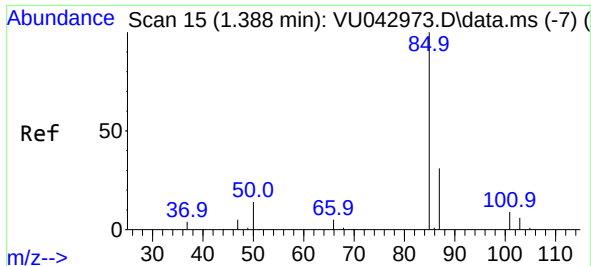
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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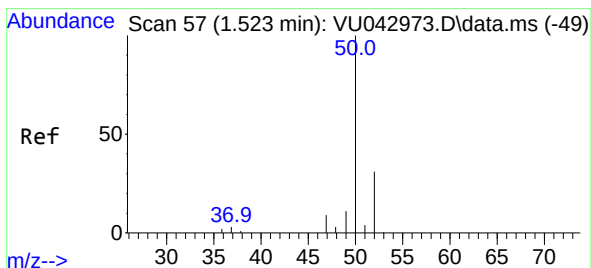
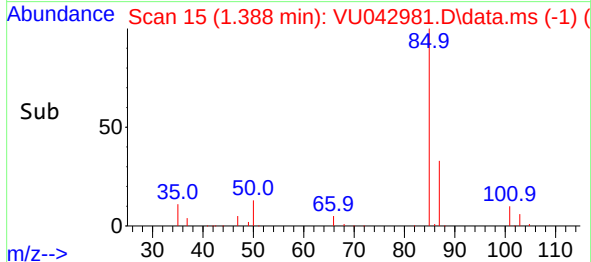
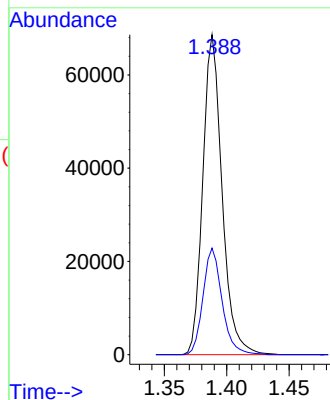
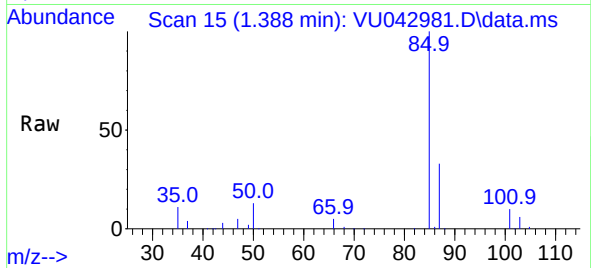




#2
Dichlorodifluoromethane
Concen: 49.94 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

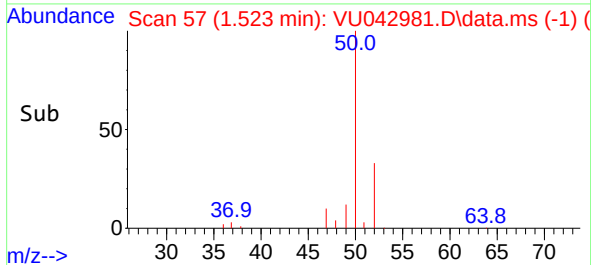
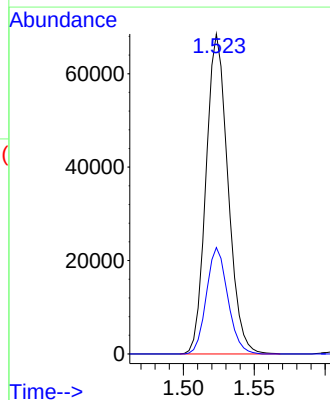
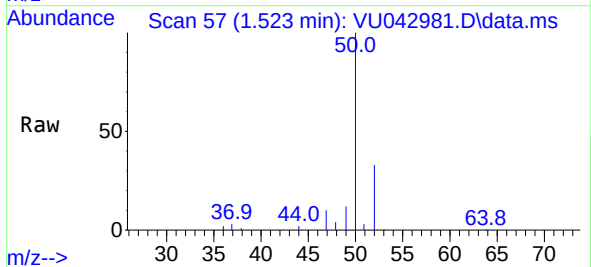
Tgt Ion: 85 Resp: 73805
Ion Ratio Lower Upper
85 100
87 32.9 25.6 38.4

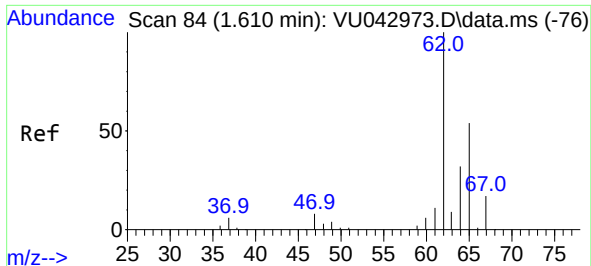
Instrument :
MSVOA_U
ClientSampled :



#3
Chloromethane
Concen: 48.80 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 50 Resp: 73732
Ion Ratio Lower Upper
50 100
52 33.2 22.0 41.0

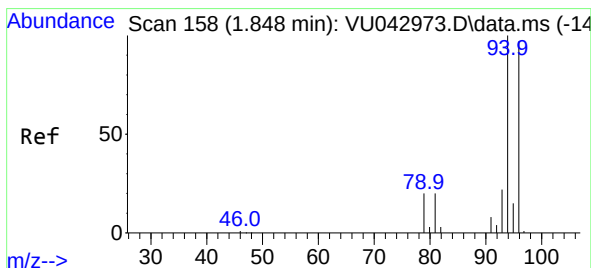
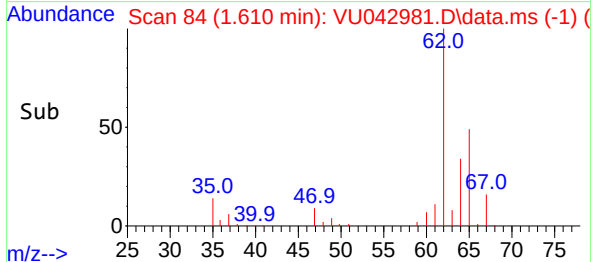
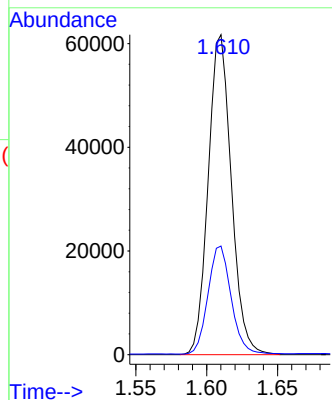
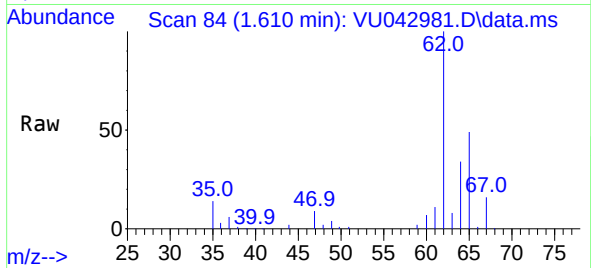




#5
 Vinyl chloride
 Concen: 49.86 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU042981.D
 Acq: 07 Apr 2021 16:24

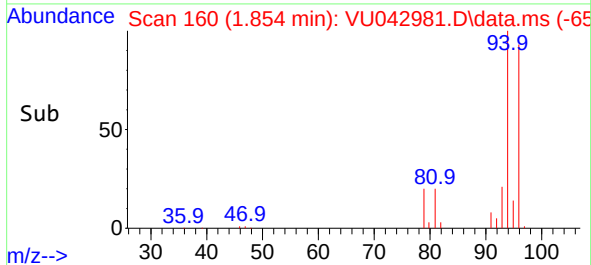
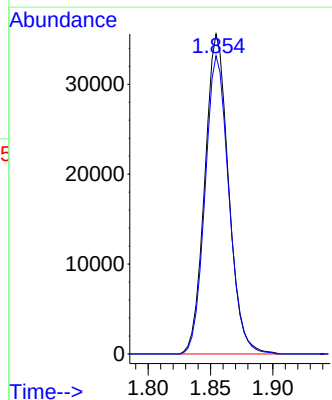
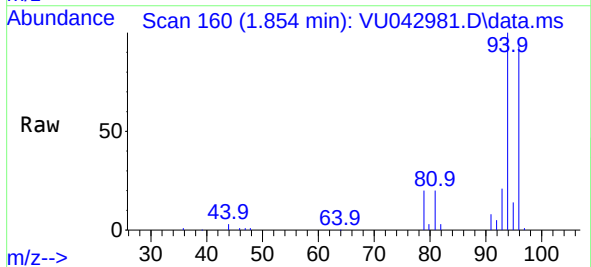
Instrument :
 MSVOA_U
 ClientSampled :

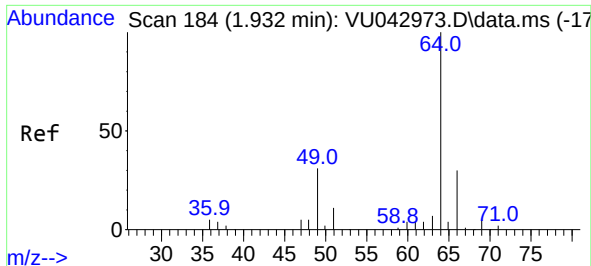
Tgt Ion: 62 Resp: 70195
 Ion Ratio Lower Upper
 62 100
 64 33.9 22.8 42.4



#6
 Bromomethane
 Concen: 53.08 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VU042981.D
 Acq: 07 Apr 2021 16:24

Tgt Ion: 94 Resp: 47156
 Ion Ratio Lower Upper
 94 100
 96 93.2 68.1 126.5

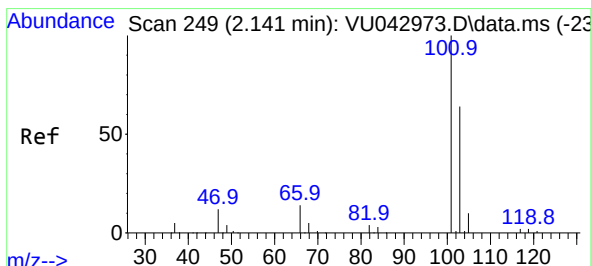
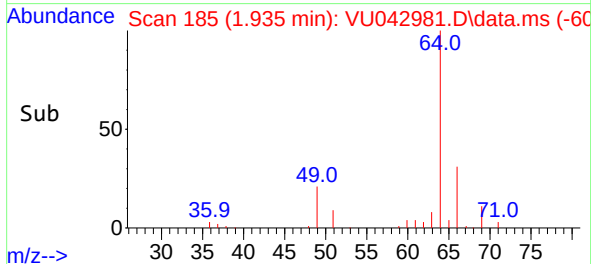
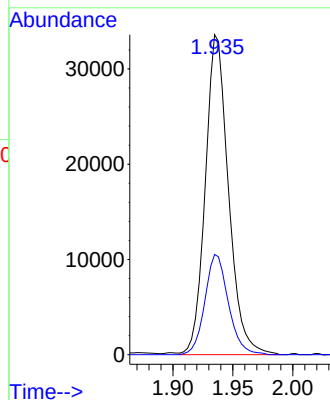
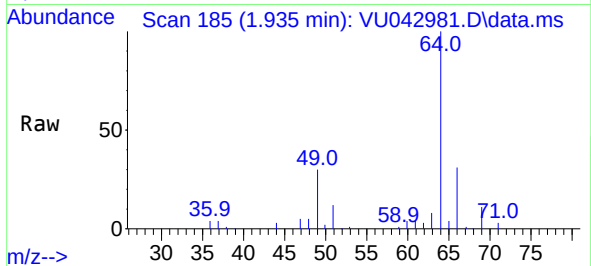




#8
Chloroethane
Concen: 49.14 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

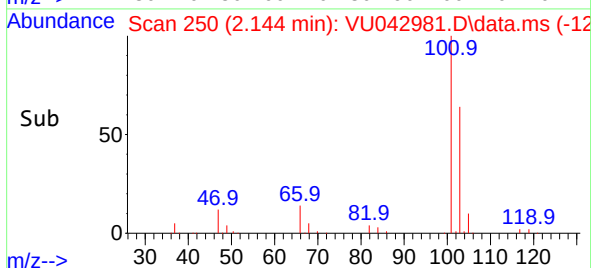
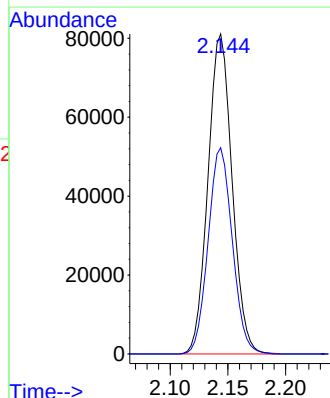
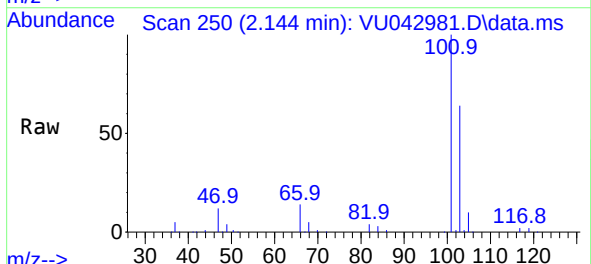
Instrument :
MSVOA_U
ClientSampled :

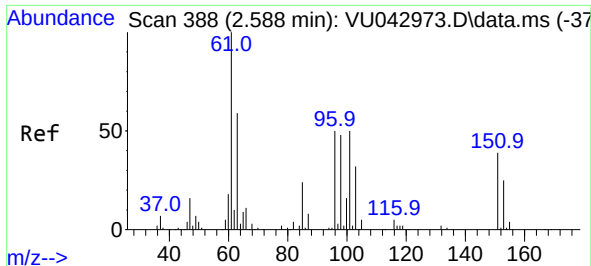
Tgt Ion: 64 Resp: 45212
Ion Ratio Lower Upper
64 100
66 31.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 50.58 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:101 Resp: 117852
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.8

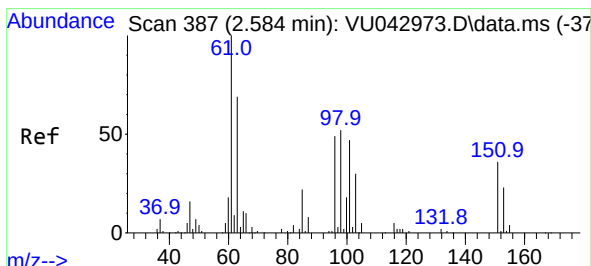
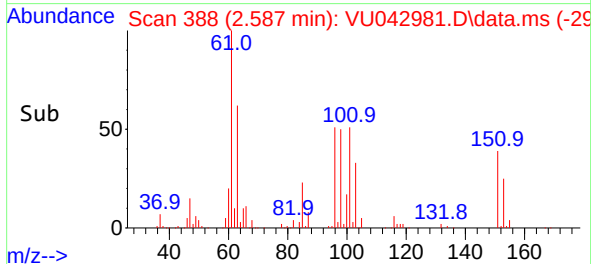
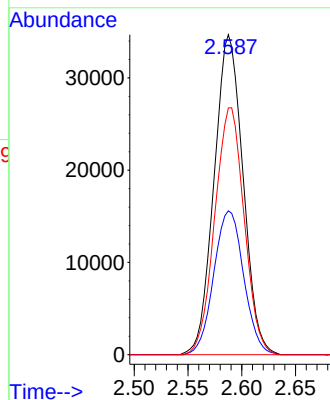
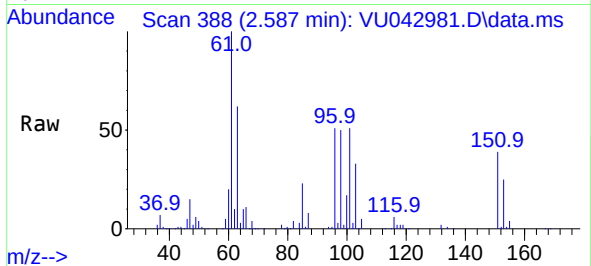




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 52.35 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

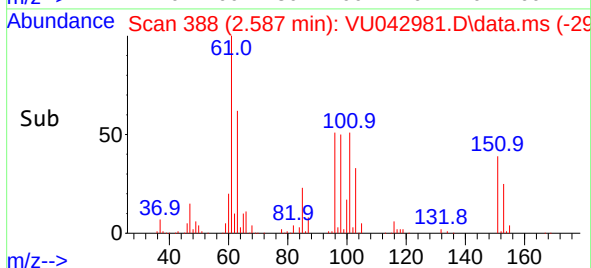
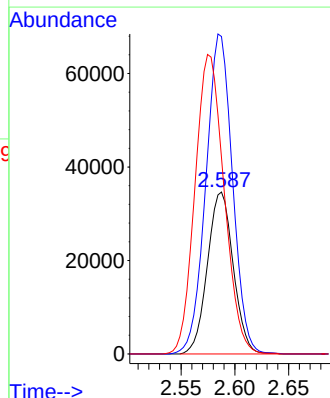
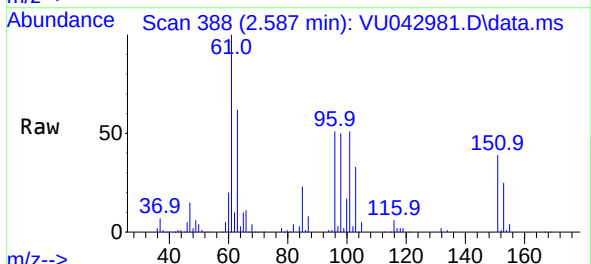
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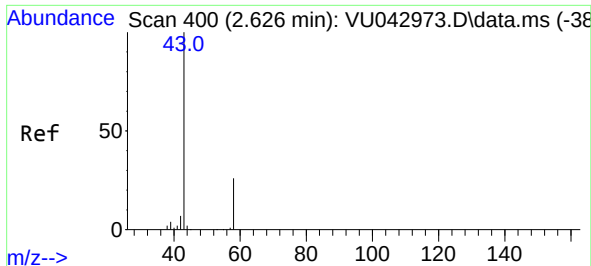
Tgt Ion:101 Resp: 64782
Ion Ratio Lower Upper
101 100
85 46.6 36.9 55.3
151 78.4 63.4 95.2



#12
1,1-Dichloroethene
Concen: 51.38 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 96 Resp: 57855
Ion Ratio Lower Upper
96 100
61 196.0 143.8 267.0
63 121.3 104.1 193.3

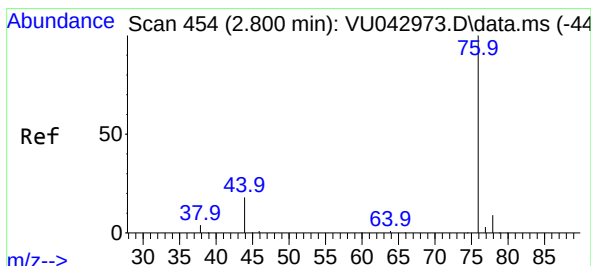
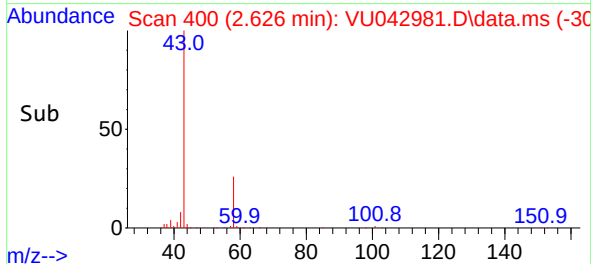
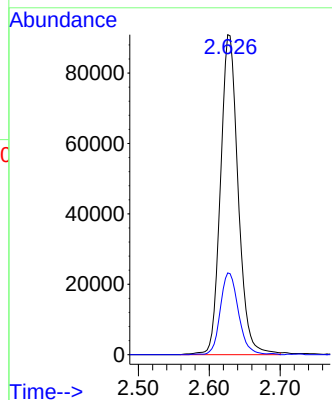
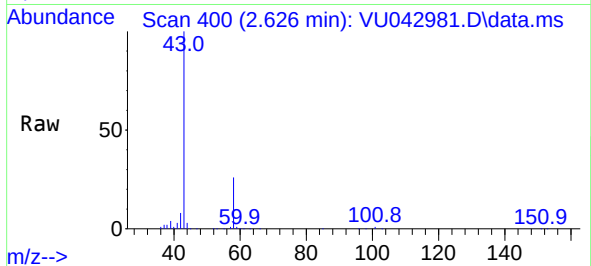




#13
Acetone
Concen: 130.75 ug/L
RT: 2.626 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

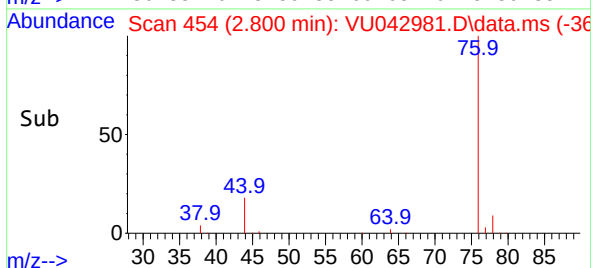
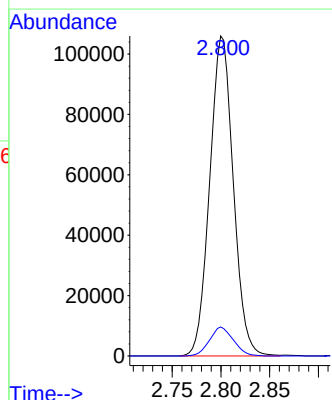
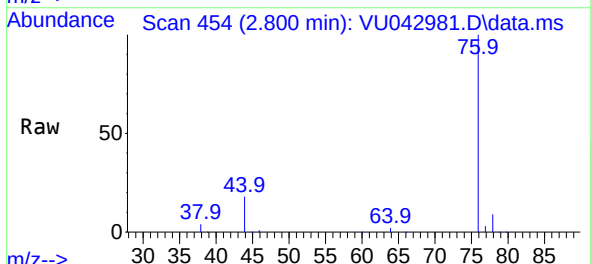
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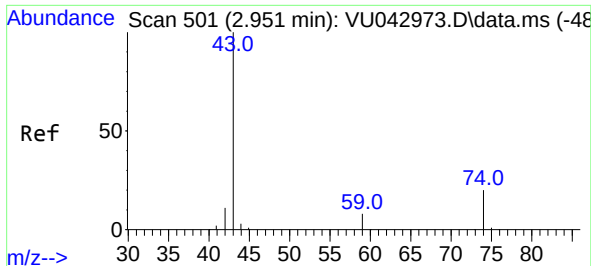
Tgt Ion: 43 Resp: 157632
Ion Ratio Lower Upper
43 100
58 26.1 0.0 52.0



#14
Carbon disulfide
Concen: 49.41 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 178323
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

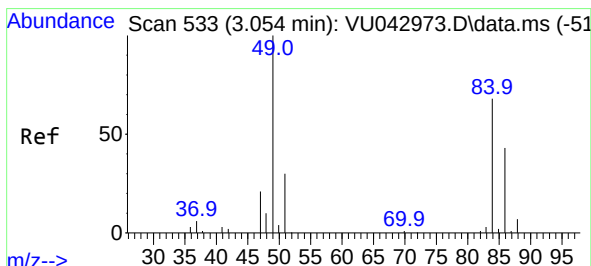
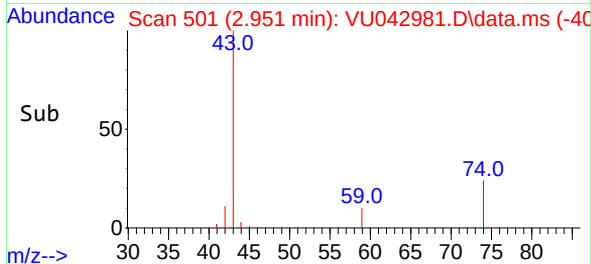
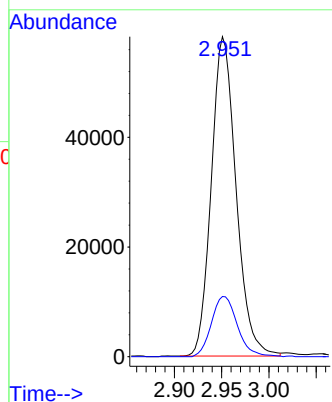
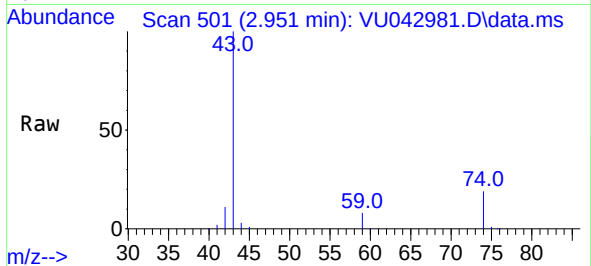




#15
Methyl Acetate
Concen: 50.10 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

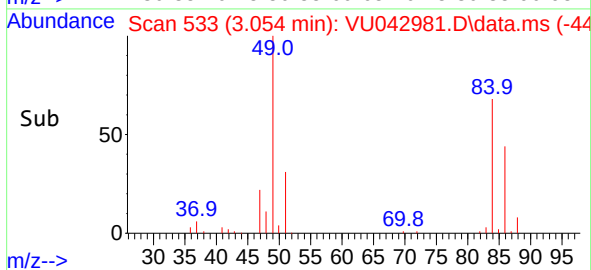
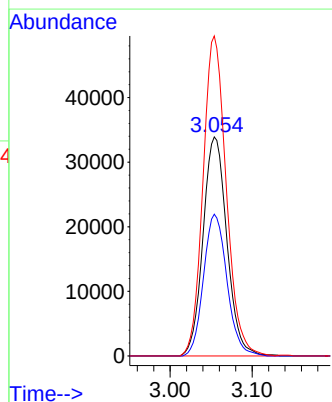
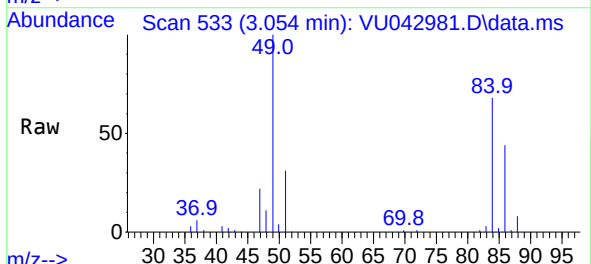
Instrument :
MSVOA_U
ClientSampled :

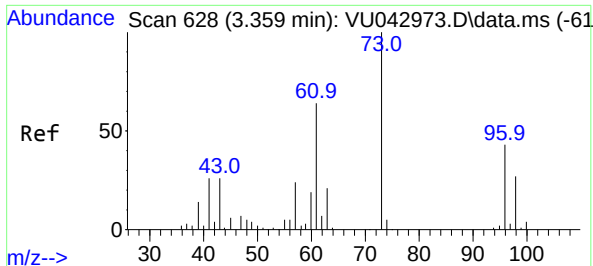
Tgt Ion: 43 Resp: 106076
Ion Ratio Lower Upper
43 100
74 19.8 16.2 24.2



#16
Methylene chloride
Concen: 51.17 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 84 Resp: 68590
Ion Ratio Lower Upper
84 100
86 64.8 44.7 82.9
49 146.1 103.0 191.2

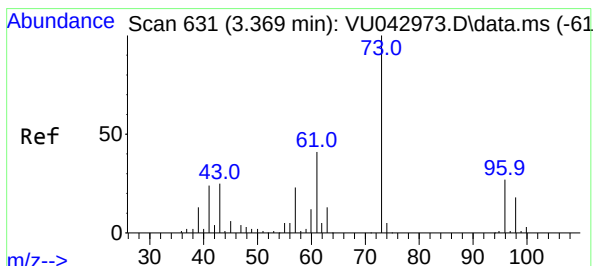
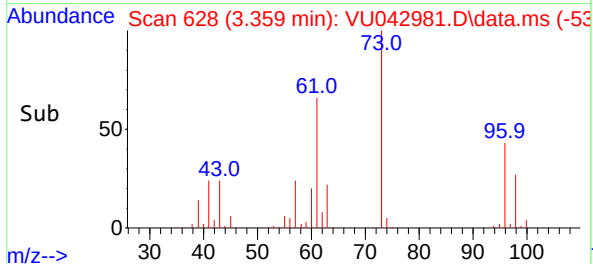
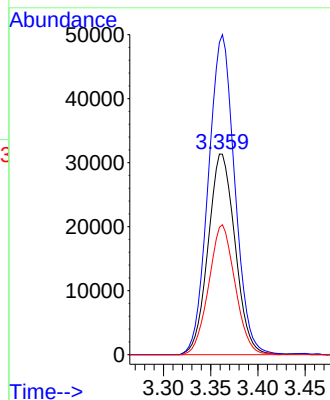
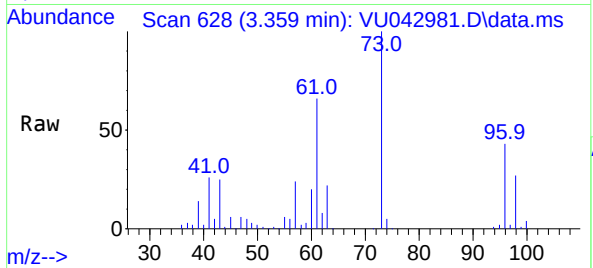




#17
trans-1,2-Dichloroethene
Concen: 50.74 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

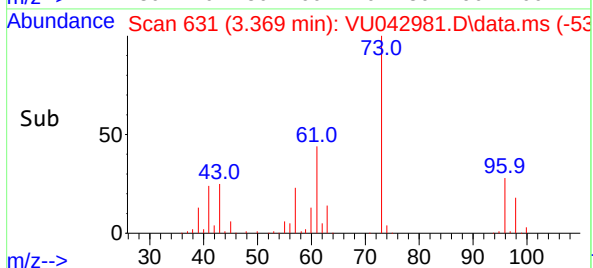
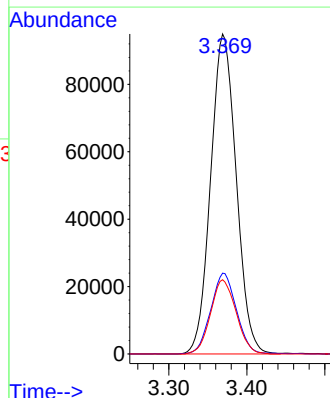
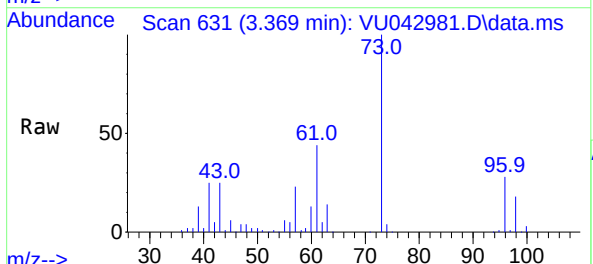
Instrument :
MSVOA_U
ClientSampleId :

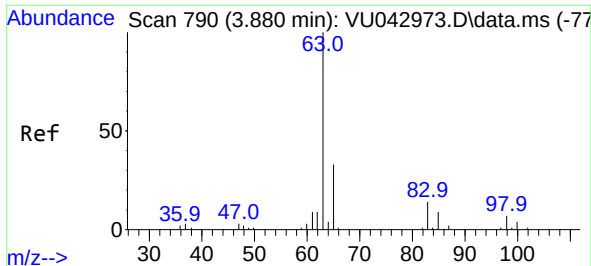
Tgt Ion: 96 Resp: 62285
Ion Ratio Lower Upper
96 100
61 155.6 105.4 195.8
98 63.4 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 50.86 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 73 Resp: 216555
Ion Ratio Lower Upper
73 100
43 25.3 20.6 31.0
57 23.2 18.5 27.7



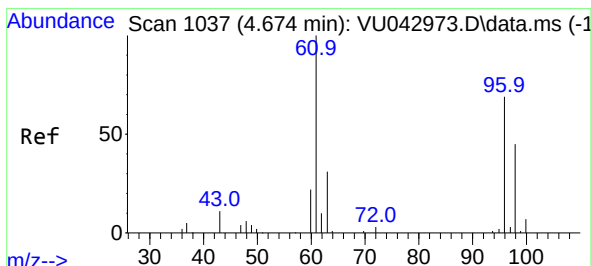
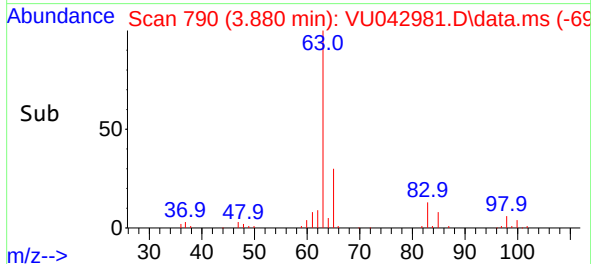
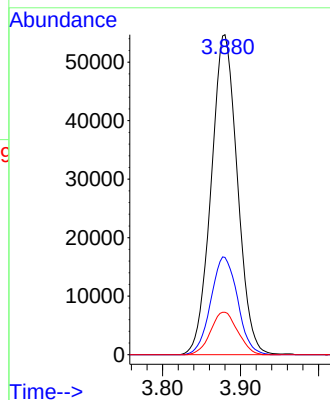
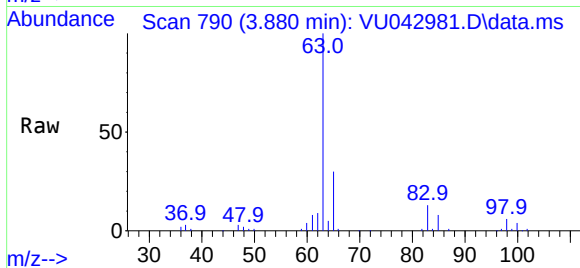


#19

1,1-Dichloroethane
Concen: 50.96 ug/L
RT: 3.880 min Scan# 790
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampled :

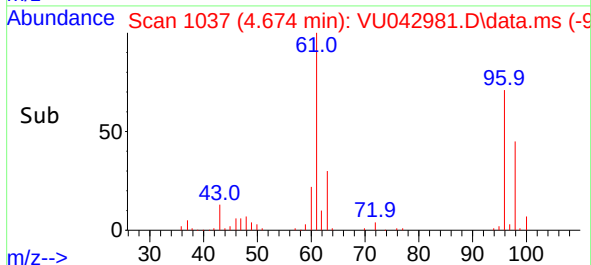
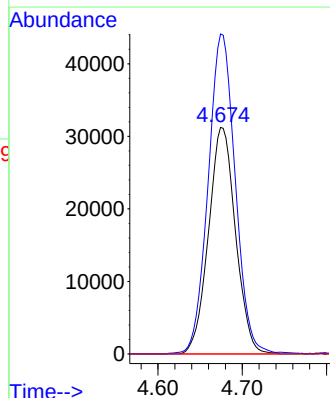
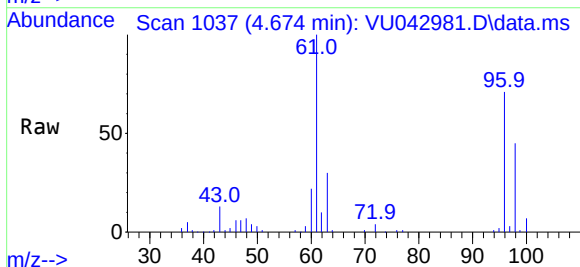
Tgt Ion:	63	Resp:	127811
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.8	42.4
83	13.3	9.9	18.5

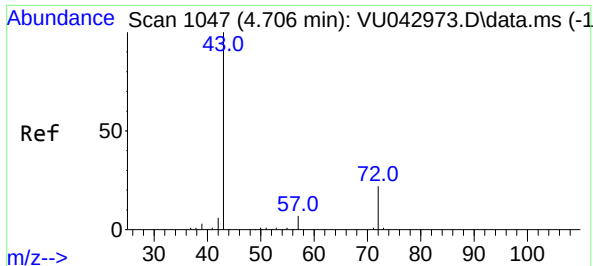


#20

cis-1,2-Dichloroethene
Concen: 50.53 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:	96	Resp:	69520
Ion	Ratio	Lower	Upper
96	100		
61	141.2	101.9	189.3
68	0.0	0.0	0.0

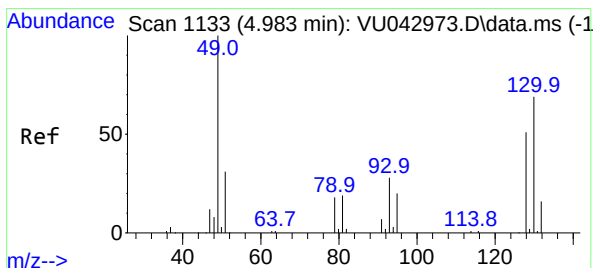
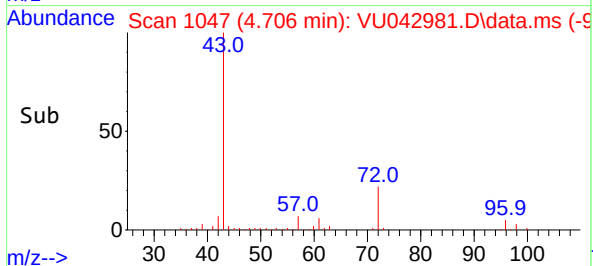
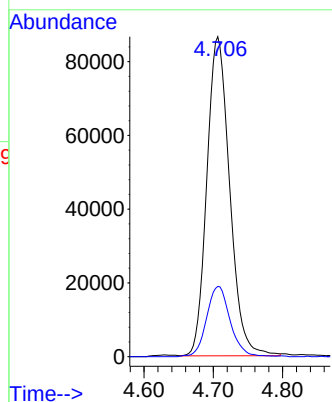
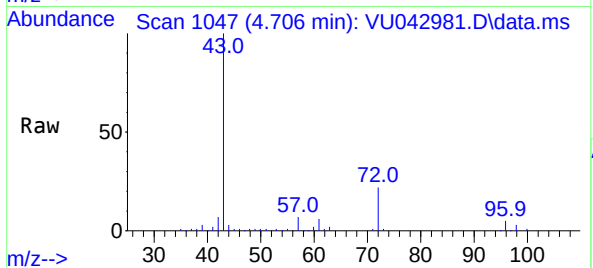




#22
2-Butanone
Concen: 114.29 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

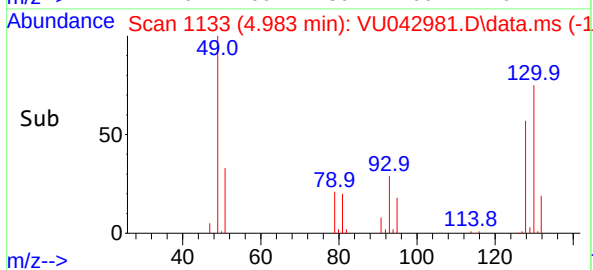
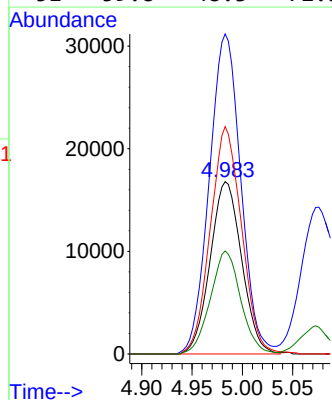
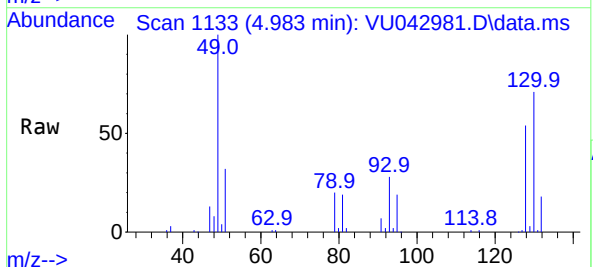
Instrument :
MSVOA_U
ClientSampled :

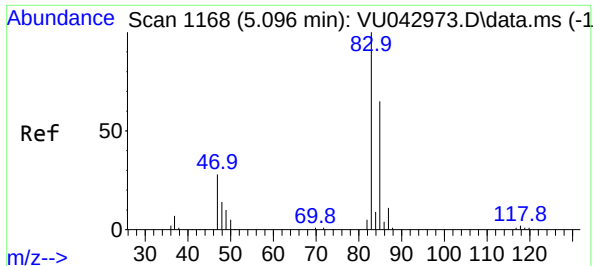
Tgt Ion: 43 Resp: 197823
Ion Ratio Lower Upper
43 100
72 22.8 11.2 33.6



#23
Bromochloromethane
Concen: 49.89 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:128 Resp: 36594
Ion Ratio Lower Upper
128 100
49 185.7 138.5 257.3
130 131.9 95.1 176.5
51 59.8 48.3 72.5



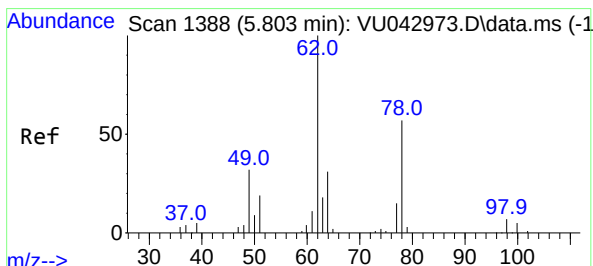
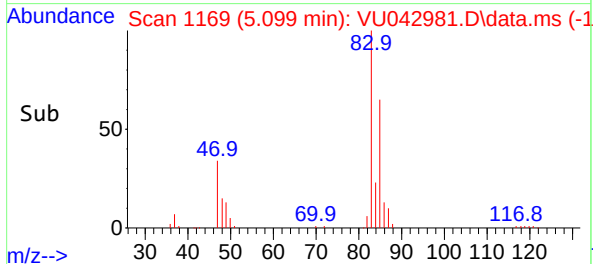
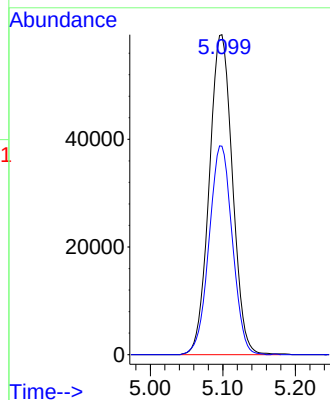
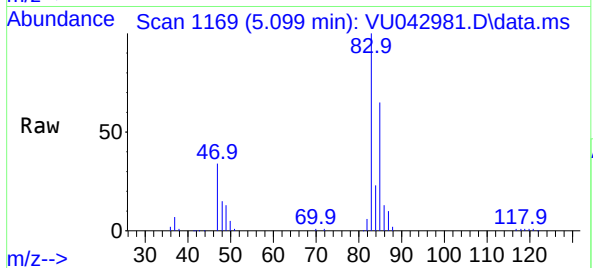


#25

Chloroform
Concen: 50.79 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampled :

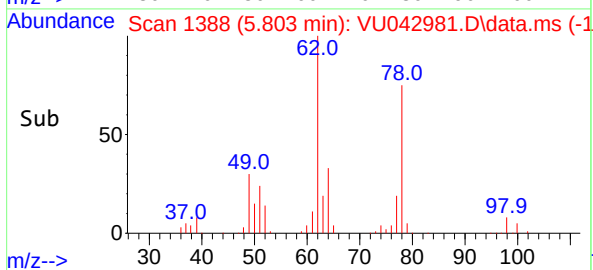
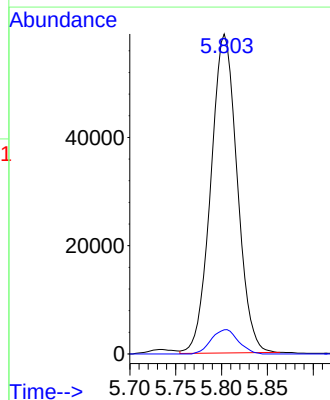
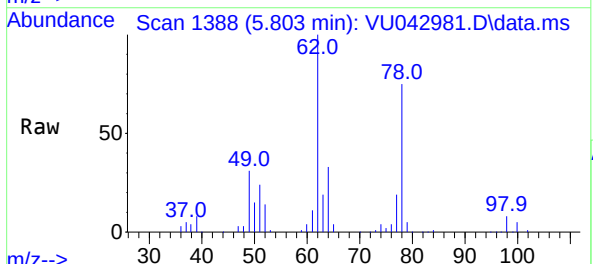
Tgt Ion: 83 Resp: 132174
Ion Ratio Lower Upper
83 100
85 65.2 45.8 85.0

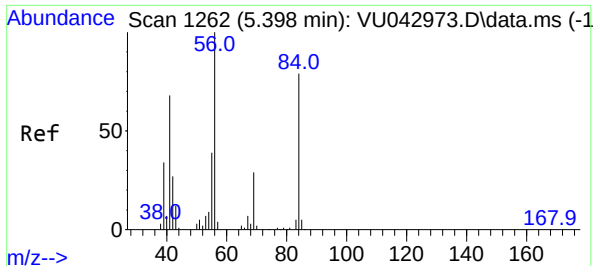


#27

1,2-Dichloroethane
Concen: 49.76 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 62 Resp: 117979
Ion Ratio Lower Upper
62 100
98 7.5 5.9 8.9





#29

Cyclohexane

Concen: 51.45 ug/L

RT: 5.398 min Scan# 1262

Delta R.T. -0.000 min

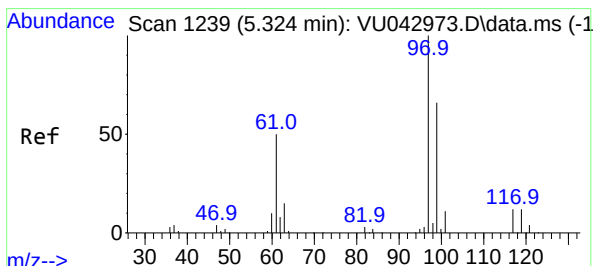
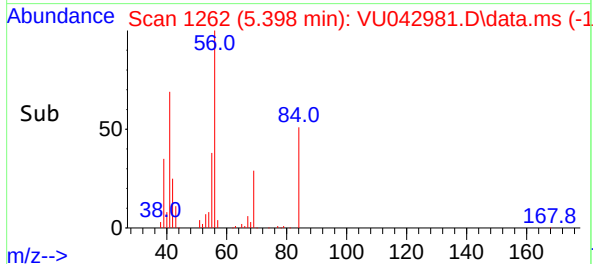
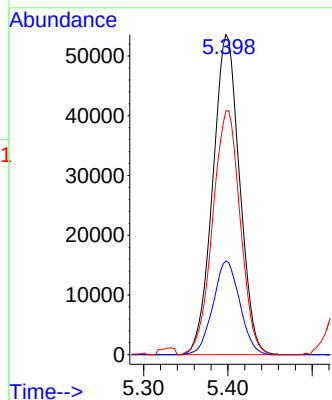
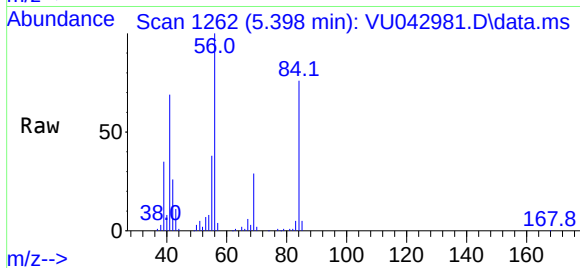
Lab File: VU042981.D

Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 56 Resp: 118148

Ion	Ratio	Lower	Upper
56	100		
69	29.2	23.1	34.7
84	78.6	64.1	96.1



#30

1,1,1-Trichloroethane

Concen: 50.94 ug/L

RT: 5.324 min Scan# 1239

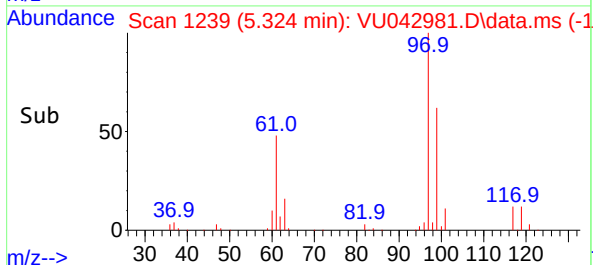
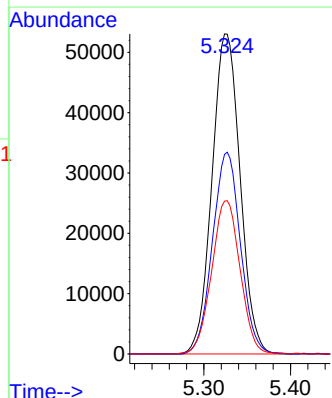
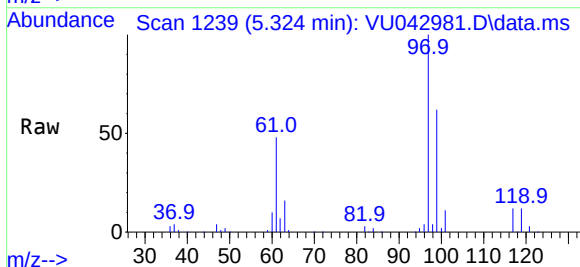
Delta R.T. -0.000 min

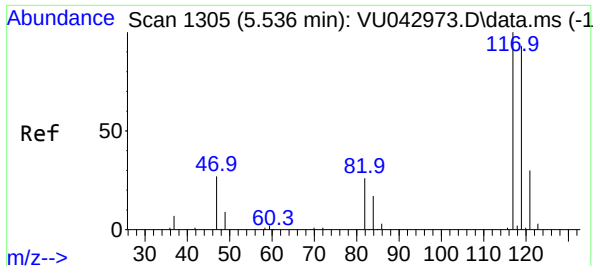
Lab File: VU042981.D

Acq: 07 Apr 2021 16:24

Tgt Ion: 97 Resp: 119615

Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.2	78.2
61	48.6	39.2	58.8

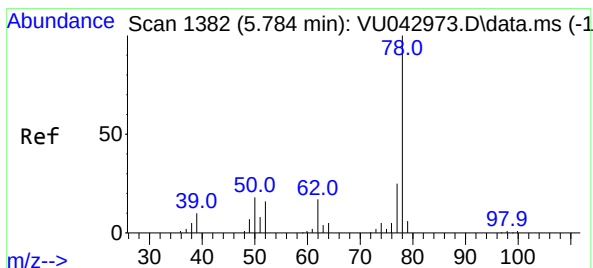
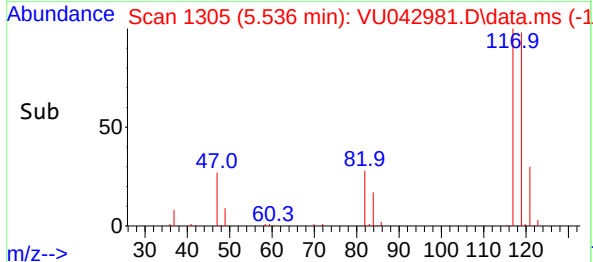
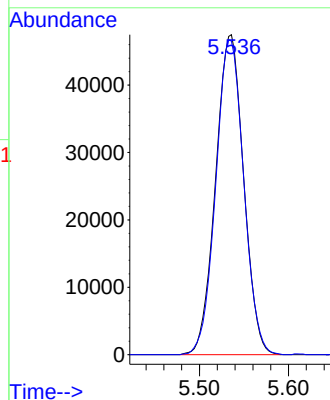
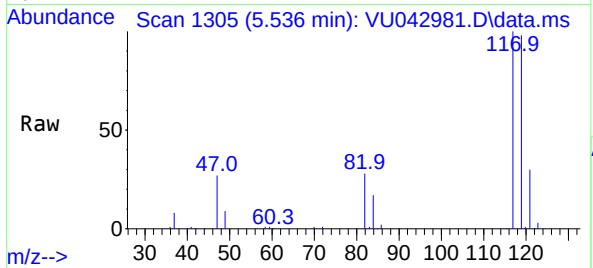




#31
Carbon tetrachloride
Concen: 51.71 ug/L
RT: 5.536 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

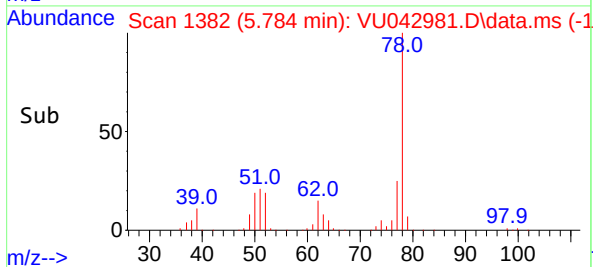
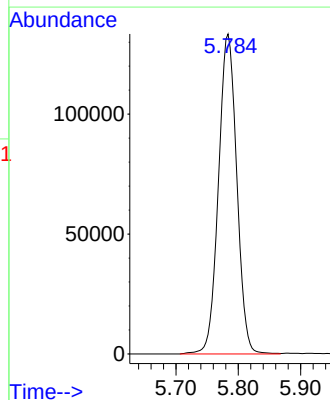
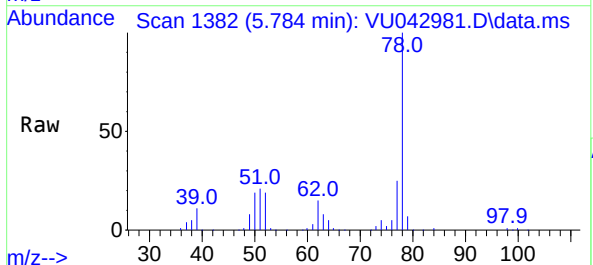
Instrument :
MSVOA_U
ClientSampled :

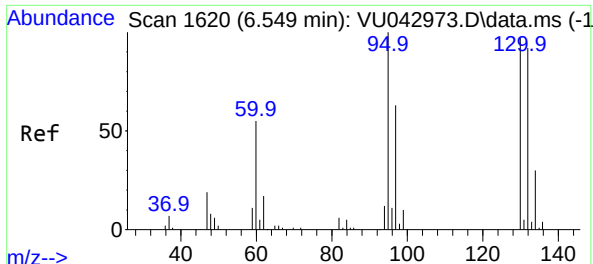
Tgt Ion:117 Resp: 103727
Ion Ratio Lower Upper
117 100
119 98.1 75.8 113.8



#33
Benzene
Concen: 51.90 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 78 Resp: 271455



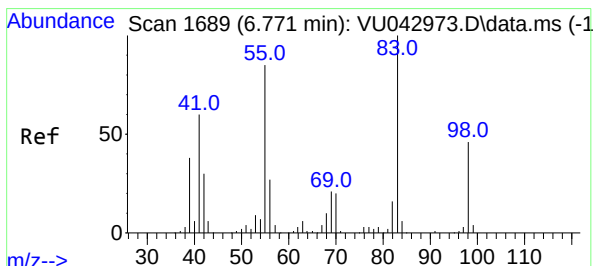
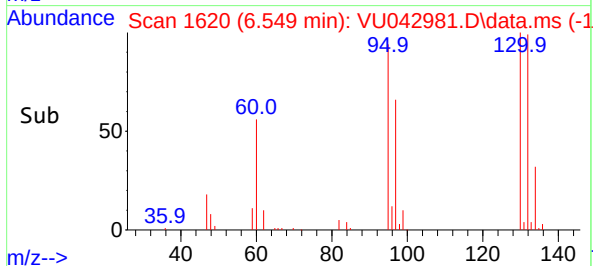
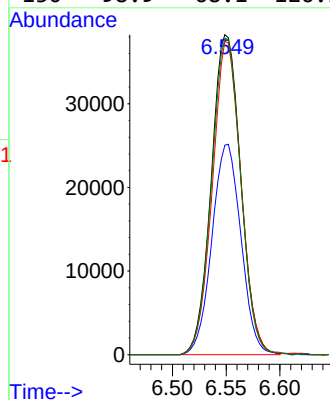
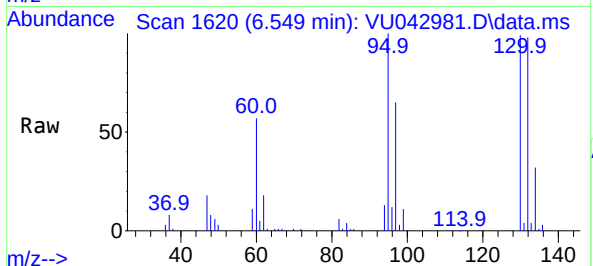


#34
Trichloroethene
Concen: 51.34 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 73038

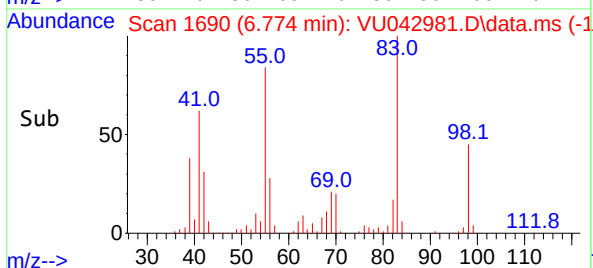
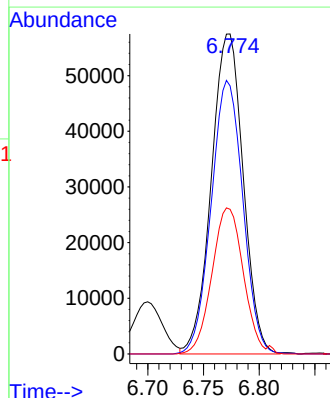
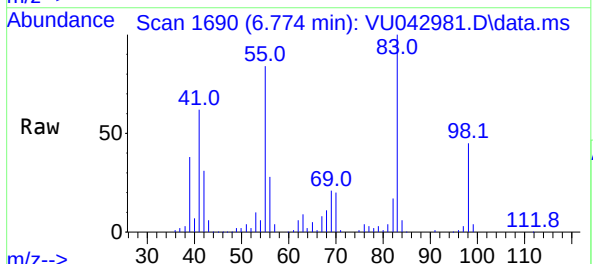
Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.2	82.2
132	97.9	64.7	120.1
130	98.9	68.1	126.5

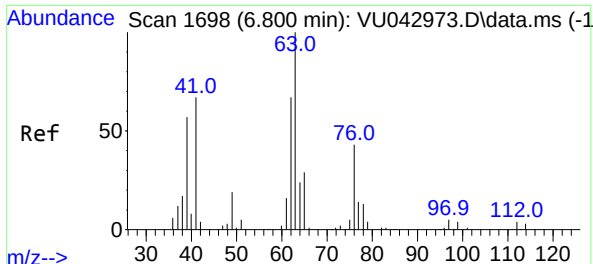


#35
Methylcyclohexane
Concen: 53.08 ug/L
RT: 6.774 min Scan# 1690
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 83 Resp: 114365

Ion	Ratio	Lower	Upper
83	100		
55	85.0	67.2	100.8
98	44.8	35.7	53.5

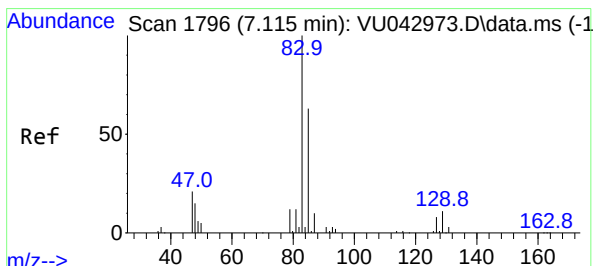
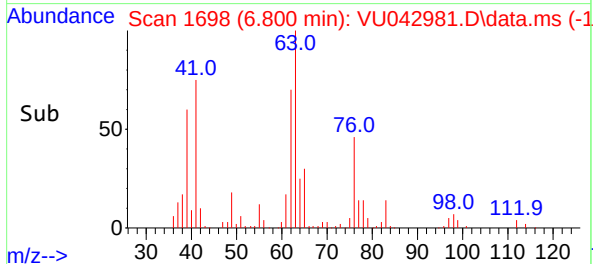
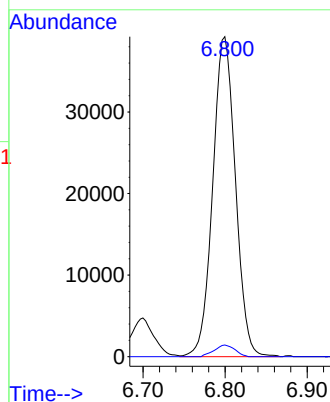
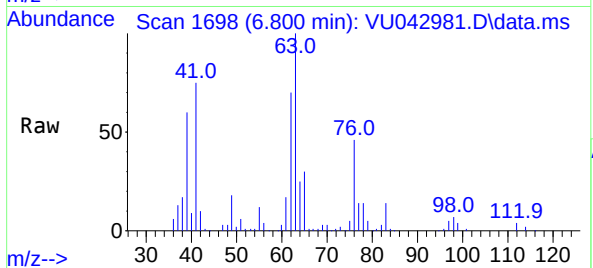




#37
1,2-Dichloropropane
Concen: 51.47 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

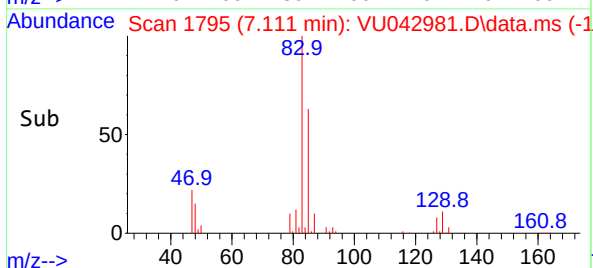
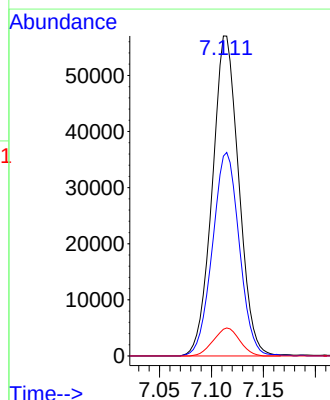
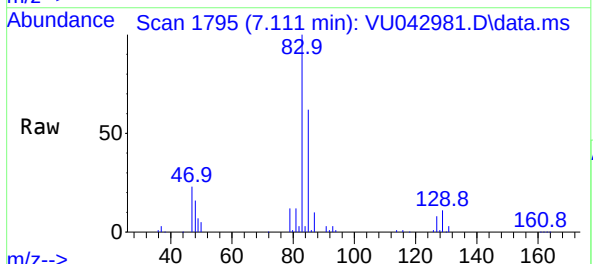
Instrument :
MSVOA_U
ClientSampled :

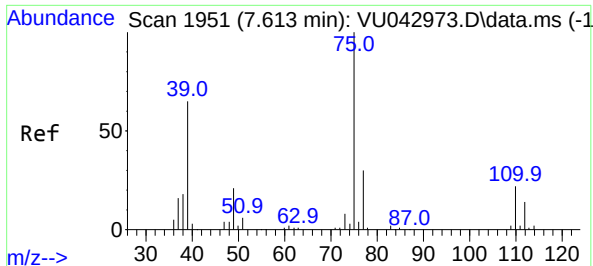
Tgt Ion: 63 Resp: 75475
Ion Ratio Lower Upper
63 100
112 3.3 3.0 4.6



#38
Bromodichloromethane
Concen: 51.30 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 83 Resp: 101219
Ion Ratio Lower Upper
83 100
85 62.4 44.2 82.0
127 8.3 6.5 9.7



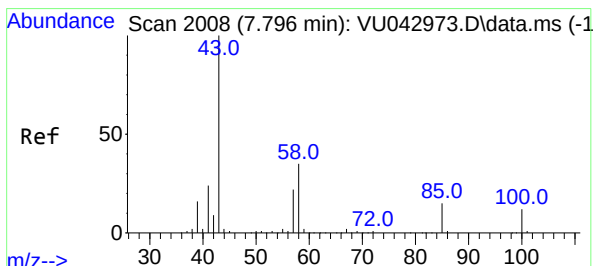
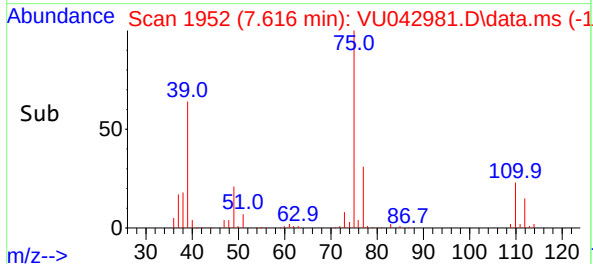
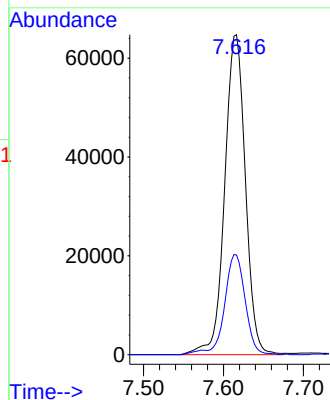
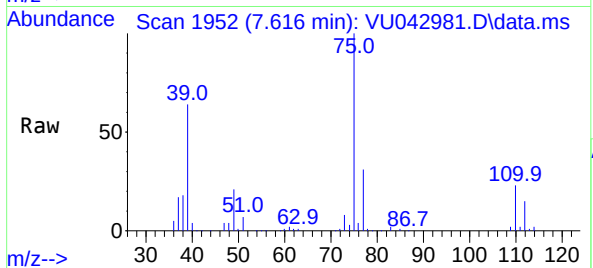


#39

cis-1,3-Dichloropropene
Concen: 51.84 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampled :

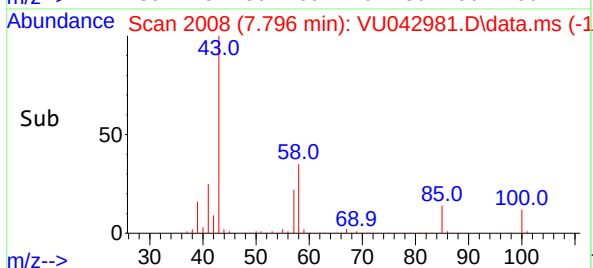
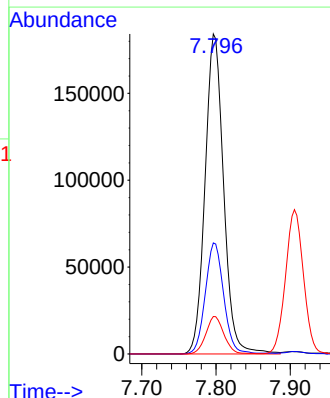
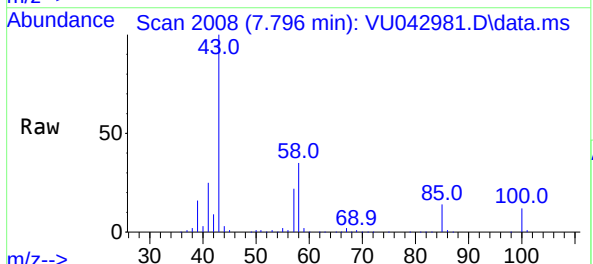
Tgt Ion: 75 Resp: 116175
Ion Ratio Lower Upper
75 100
77 31.2 21.3 39.5

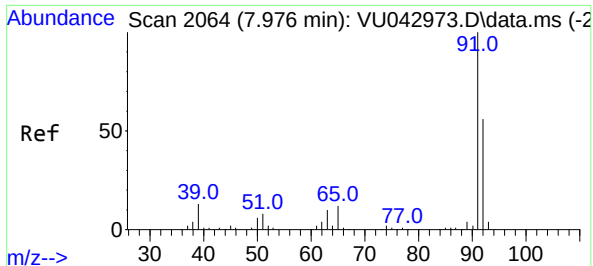


#40

4-Methyl-2-pentanone
Concen: 101.04 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 43 Resp: 319890
Ion Ratio Lower Upper
43 100
58 34.3 27.5 41.3
100 11.4 9.4 14.2





#42

Toluene

Concen: 51.88 ug/L

RT: 7.976 min Scan# 2064

Delta R.T. -0.000 min

Lab File: VU042981.D

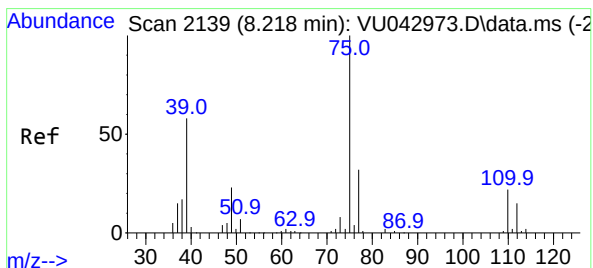
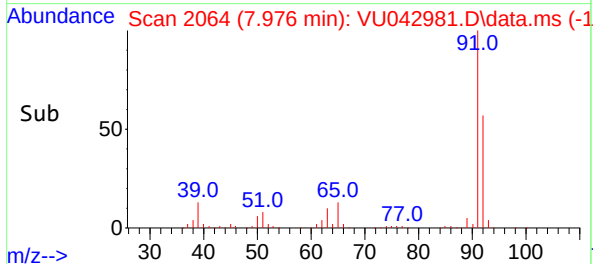
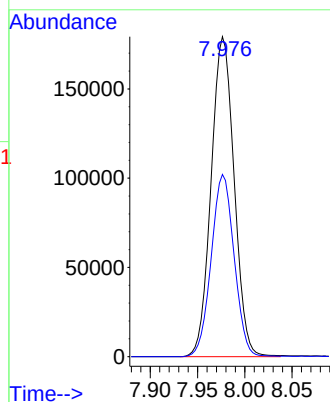
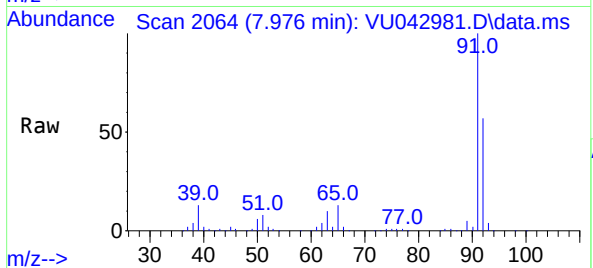
Acq: 07 Apr 2021 16:24

Tgt Ion: 91 Resp: 303539

Ion Ratio Lower Upper

91 100

92 56.9 39.1 72.7



#44

trans-1,3-Dichloropropene

Concen: 52.20 ug/L

RT: 8.217 min Scan# 2139

Delta R.T. -0.000 min

Lab File: VU042981.D

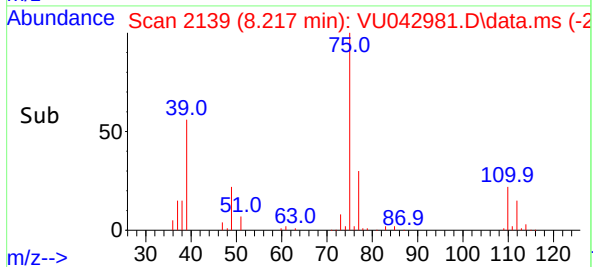
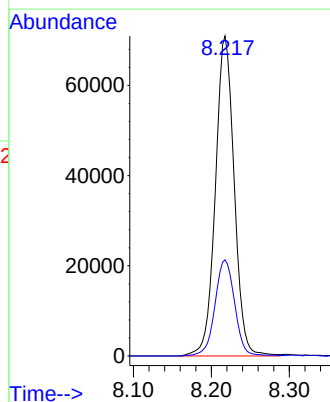
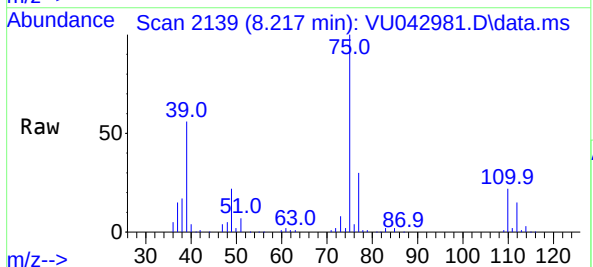
Acq: 07 Apr 2021 16:24

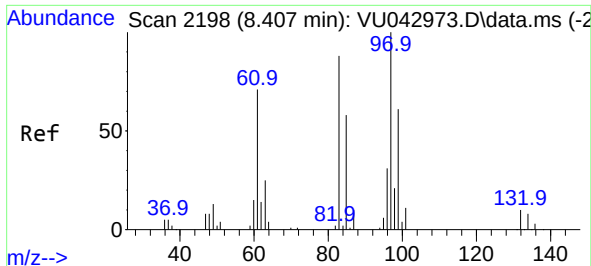
Tgt Ion: 75 Resp: 119170

Ion Ratio Lower Upper

75 100

77 30.0 22.7 42.3



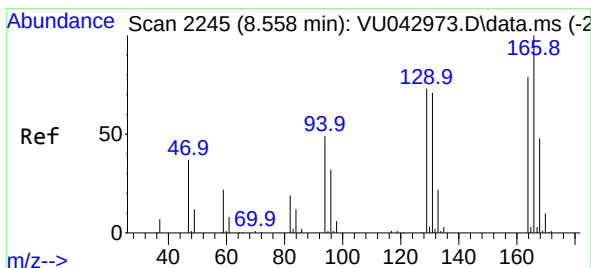
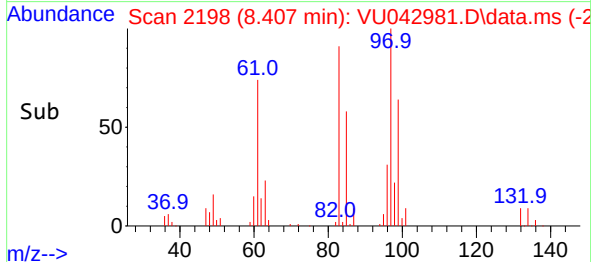
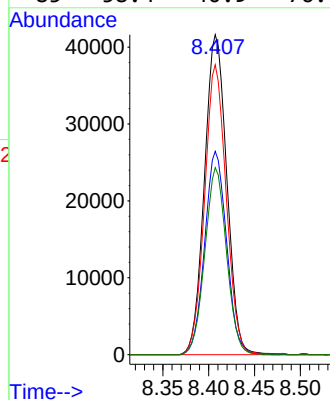
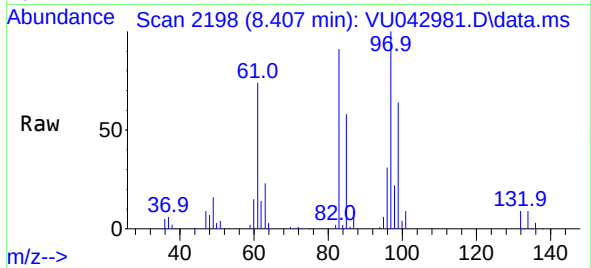


#45
1,1,2-Trichloroethane
Concen: 51.60 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 70537

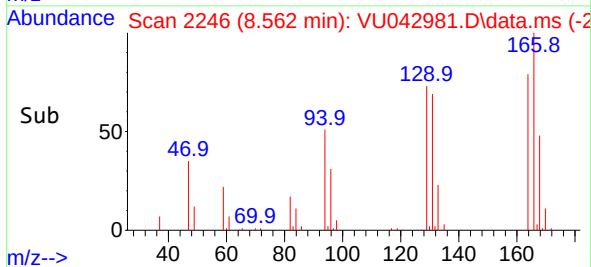
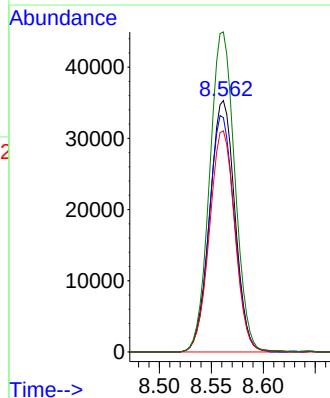
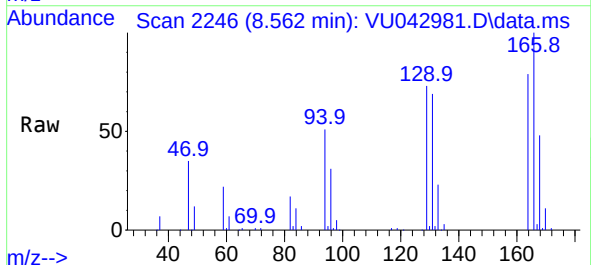
Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.9	79.7
83	90.6	61.4	114.0
85	58.4	40.9	76.0

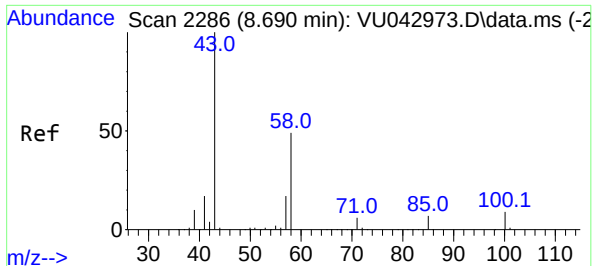


#46
Tetrachloroethene
Concen: 52.55 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 164 Resp: 59745

Ion	Ratio	Lower	Upper
164	100		
129	93.3	64.8	120.4
131	88.0	62.8	116.6
166	127.3	88.5	164.3

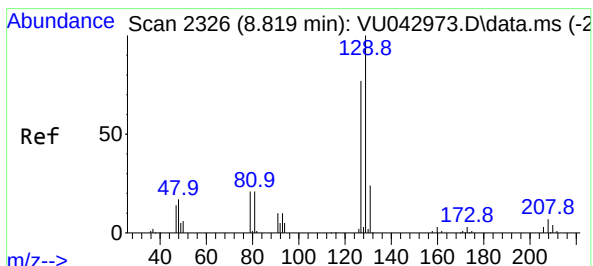
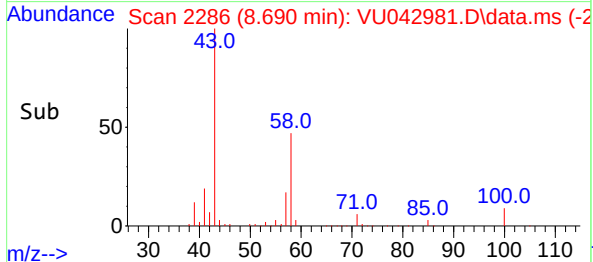
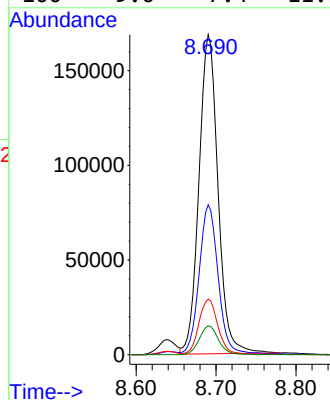
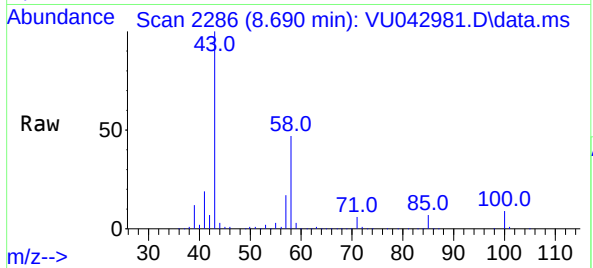




#48
2-Hexanone
Concen: 105.23 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

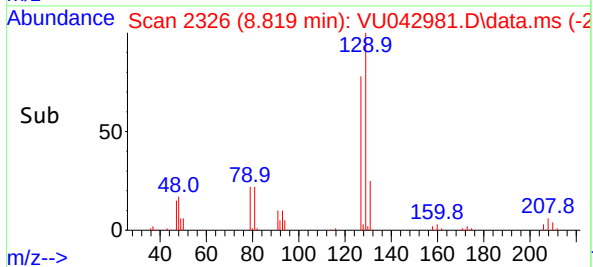
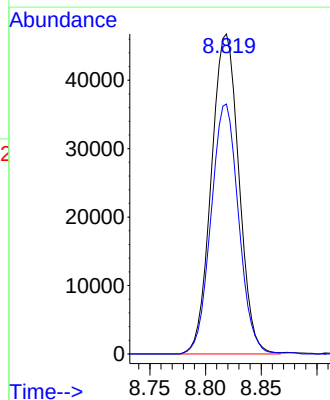
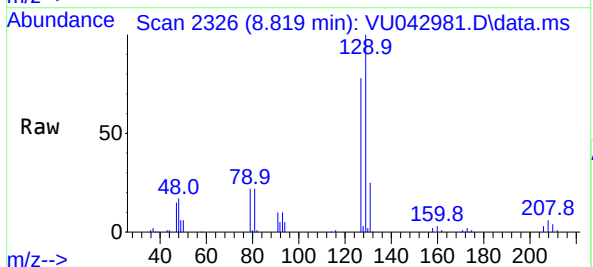
Instrument :
MSVOA_U
ClientSampled :

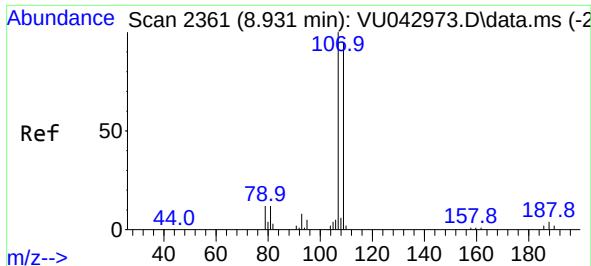
Tgt Ion: 43 Resp: 280116
Ion Ratio Lower Upper
43 100
58 45.5 37.5 56.3
57 17.0 13.3 19.9
100 9.0 7.4 11.0



#49
Dibromochloromethane
Concen: 49.74 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:129 Resp: 80747
Ion Ratio Lower Upper
129 100
127 78.1 53.7 99.7

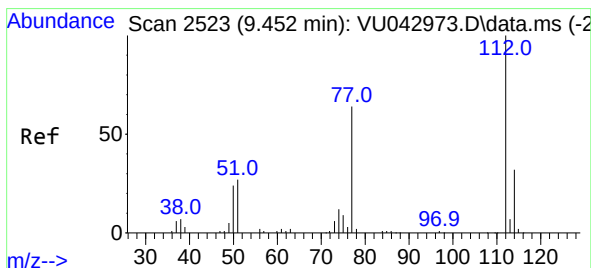
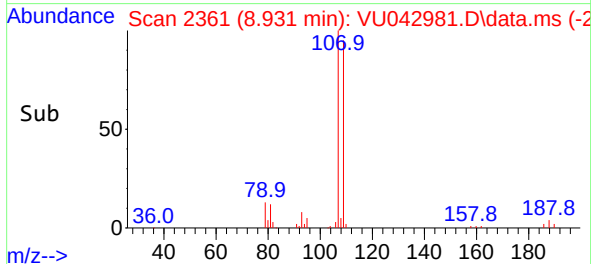
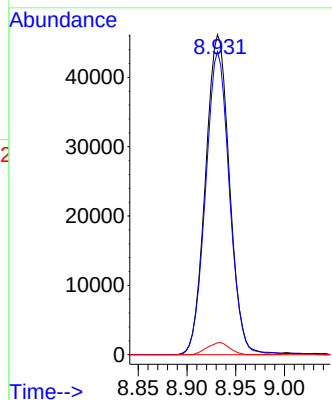
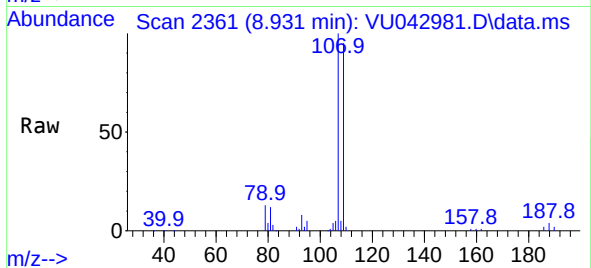




#50
1,2-Dibromoethane
Concen: 50.80 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

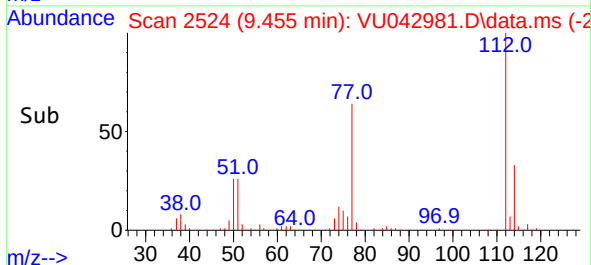
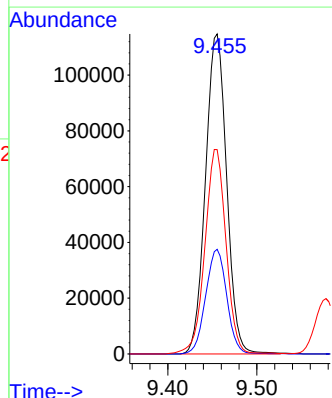
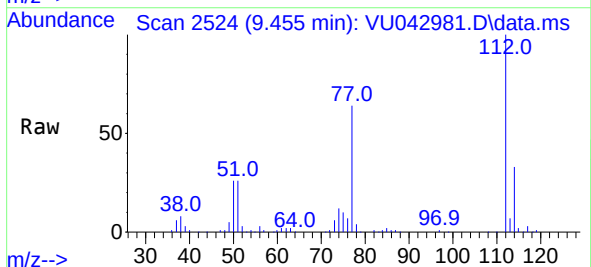
Instrument :
MSVOA_U
ClientSampled :

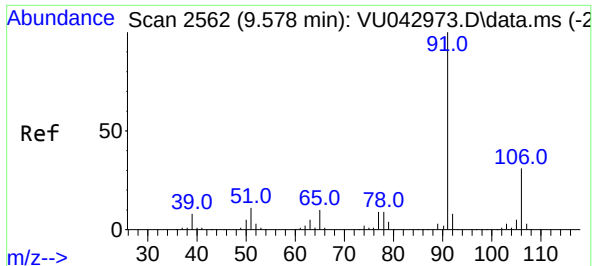
Tgt Ion:107 Resp: 79195
Ion Ratio Lower Upper
107 100
109 94.7 66.7 123.9
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 51.29 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

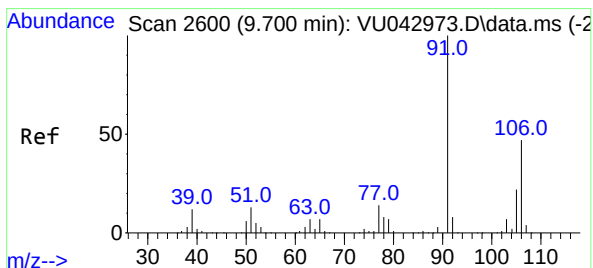
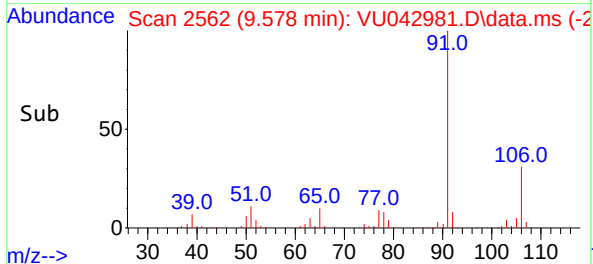
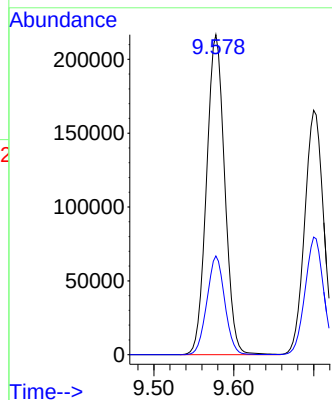
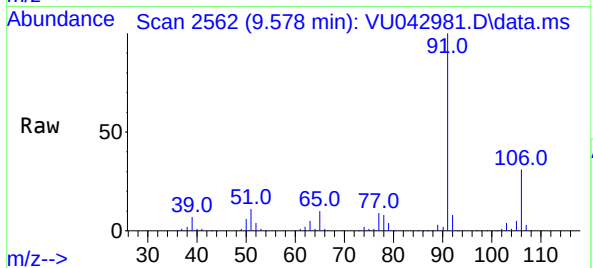
Tgt Ion:112 Resp: 189165
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.1
77 63.8 51.7 77.5





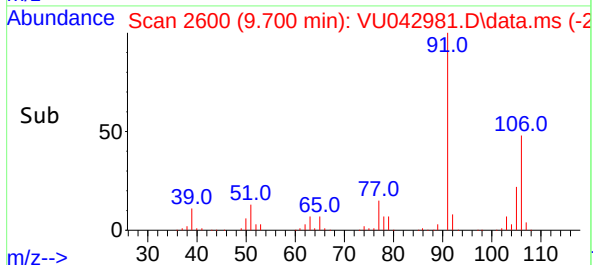
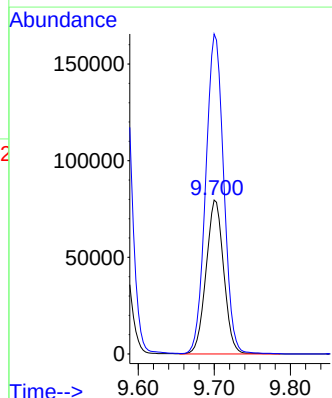
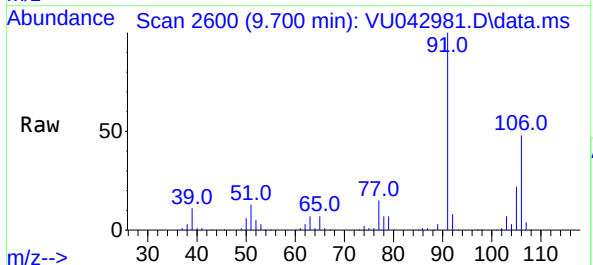
#52
Ethylbenzene
Concen: 52.17 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

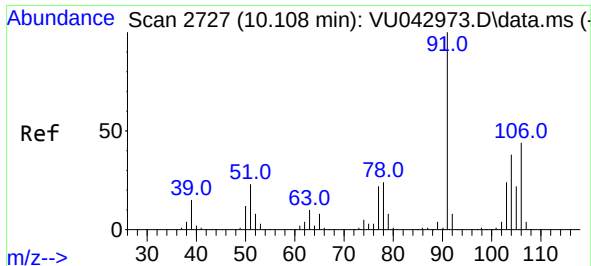
Tgt Ion: 91 Resp: 342805
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.4



#53
m,p-Xylene
Concen: 52.86 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion: 106 Resp: 128499
Ion Ratio Lower Upper
106 100
91 207.9 147.8 274.6

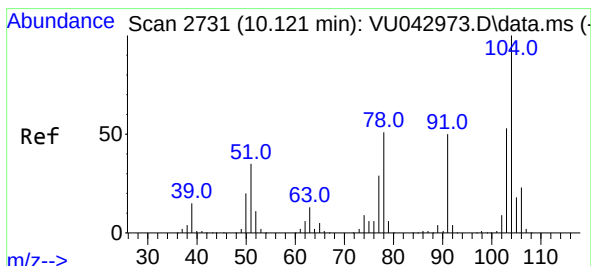
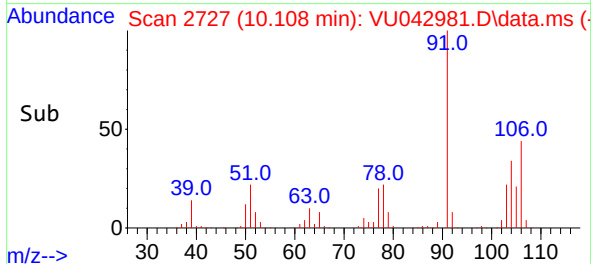
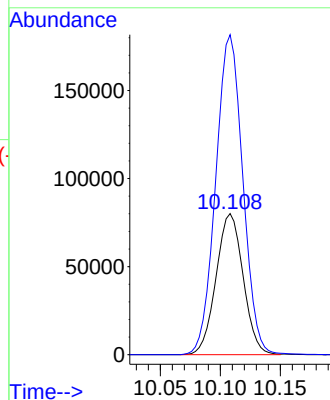
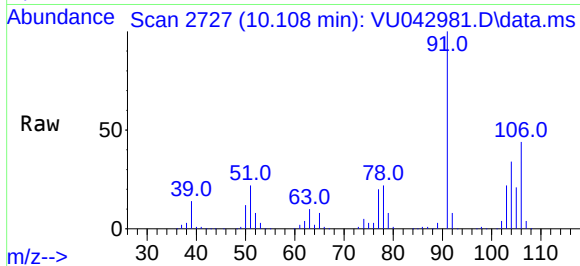




#54
o-xylene
Concen: 51.62 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

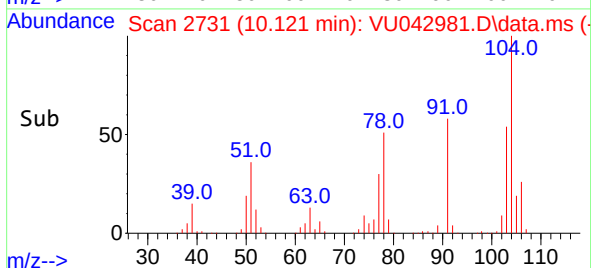
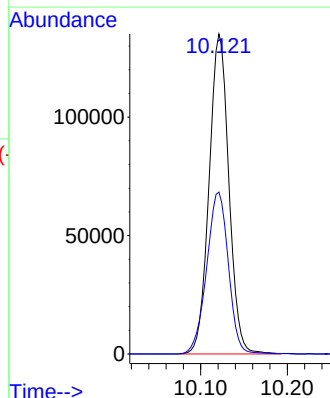
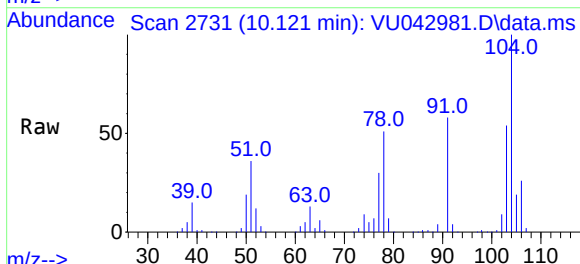
Instrument :
MSVOA_U
ClientSampleId :

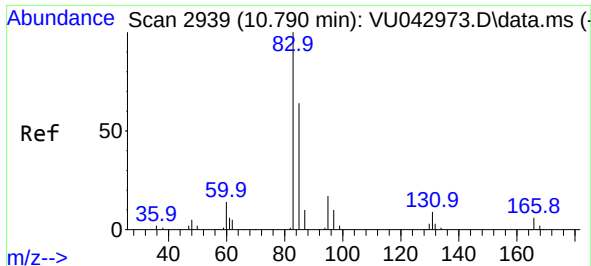
Tgt Ion:106 Resp: 125763
Ion Ratio Lower Upper
106 100
91 226.8 160.9 298.7



#55
Styrene
Concen: 51.18 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:104 Resp: 214502
Ion Ratio Lower Upper
104 100
78 50.6 35.6 66.0

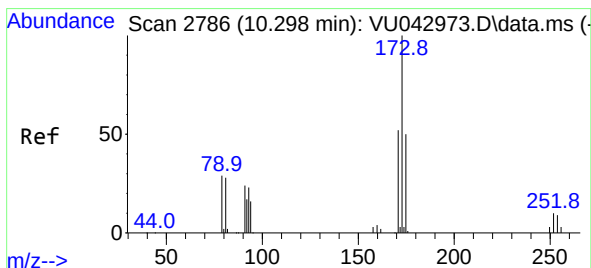
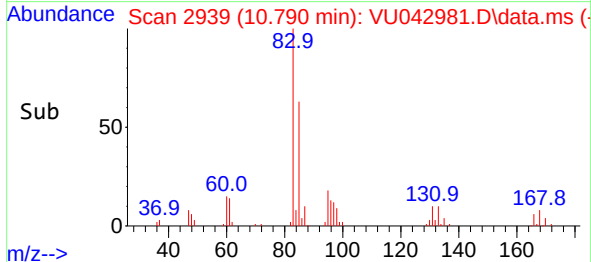
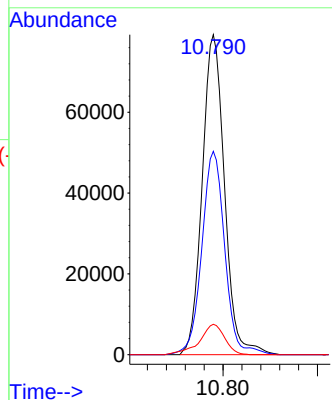
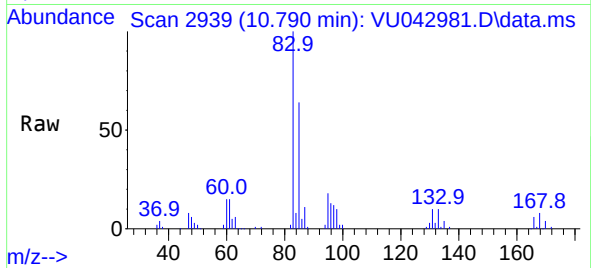




#57
1,1,2,2-Tetrachloroethane
Concen: 48.47 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

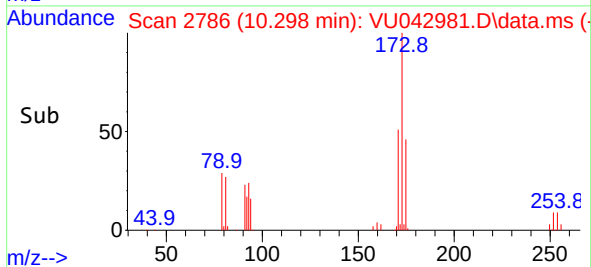
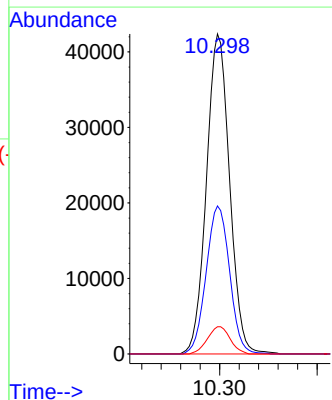
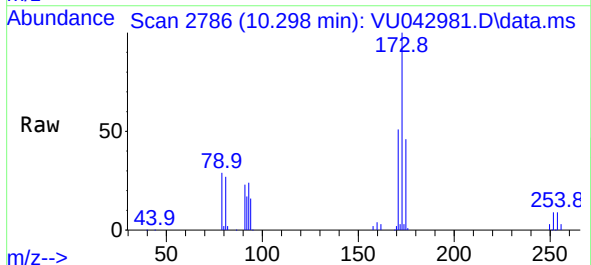
Instrument :
MSVOA_U
ClientSampleId :

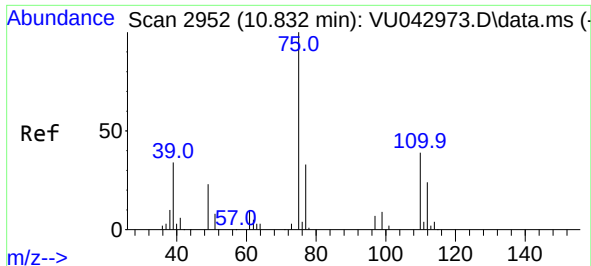
Tgt Ion: 83 Resp: 129688
Ion Ratio Lower Upper
83 100
85 63.6 45.8 85.2
131 9.5 8.0 12.0



#59
Bromoform
Concen: 49.16 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:173 Resp: 69783
Ion Ratio Lower Upper
173 100
175 46.9 39.8 59.8
254 8.4 7.2 10.8

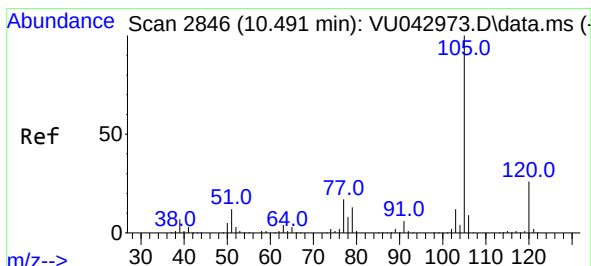
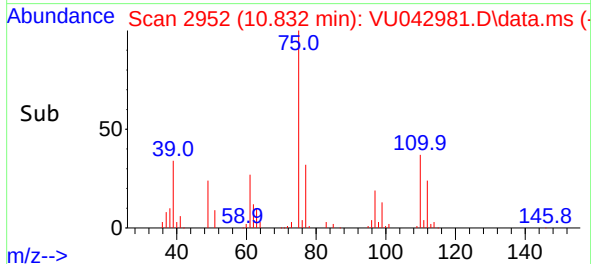
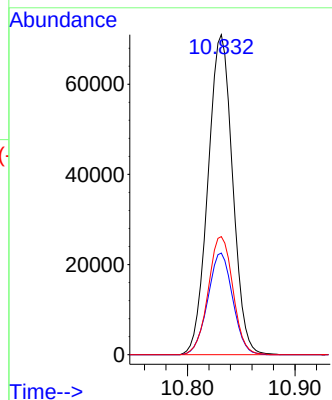
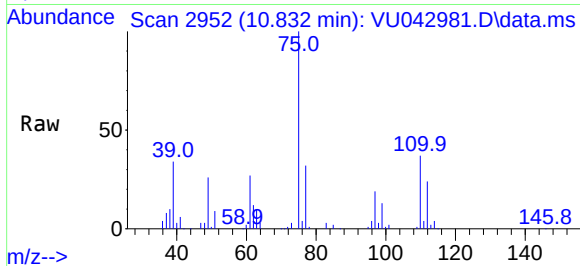




#60
1,2,3-Trichloropropane
Concen: 48.64 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

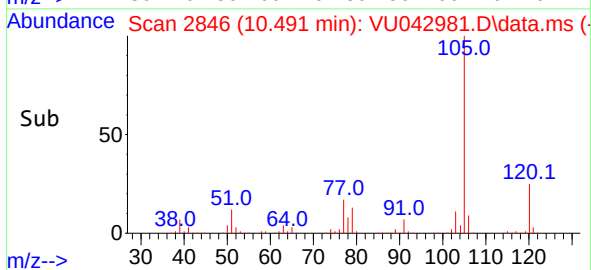
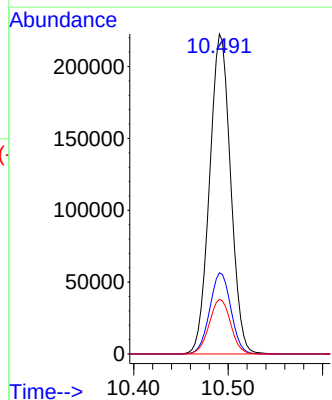
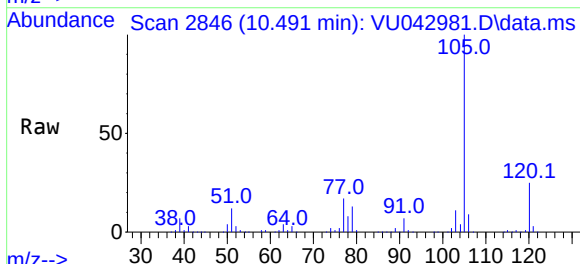
Instrument :
MSVOA_U
ClientSampleId :

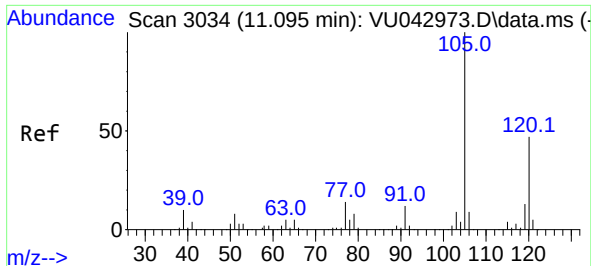
Tgt Ion: 75 Resp: 112929
Ion Ratio Lower Upper
75 100
77 32.2 25.7 38.5
110 37.1 30.6 46.0



#61
Isopropylbenzene
Concen: 51.78 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

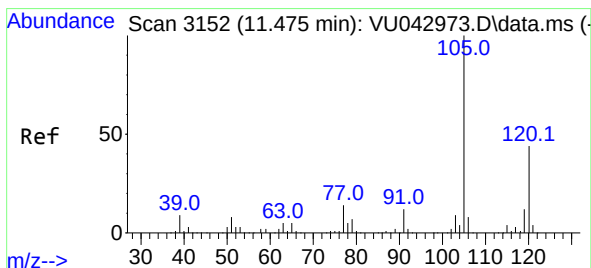
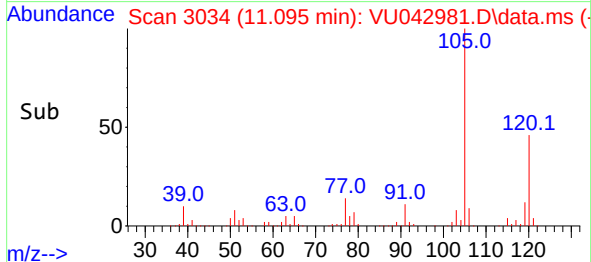
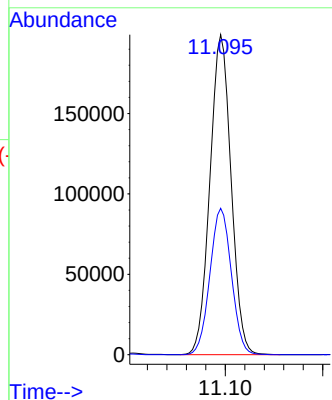
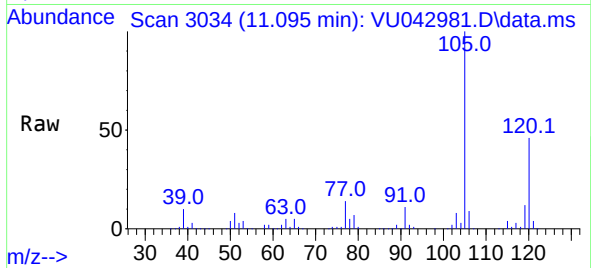
Tgt Ion: 105 Resp: 343952
Ion Ratio Lower Upper
105 100
120 25.6 20.6 30.8
77 17.4 13.8 20.8





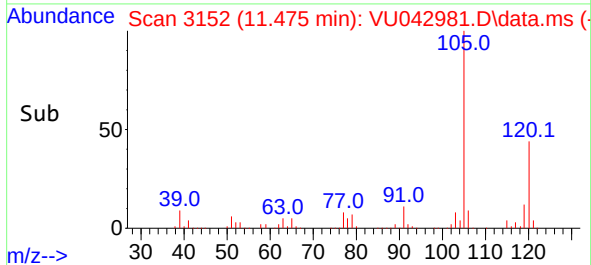
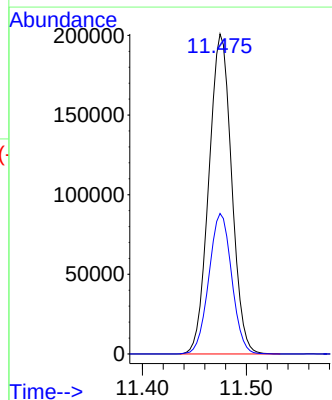
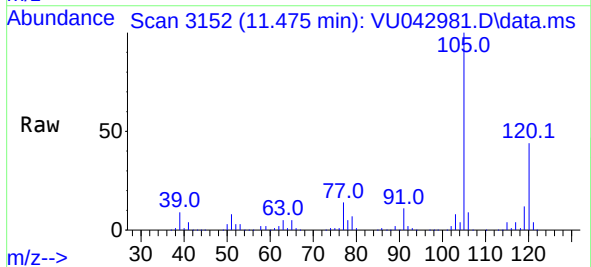
#62
1,3,5-Trimethylbenzene
Concen: 52.84 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

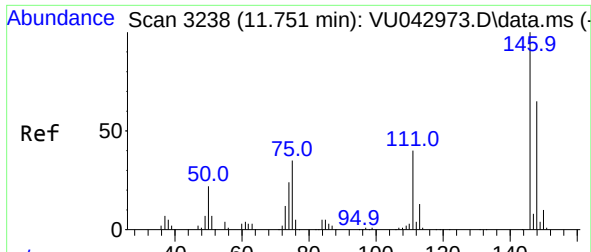
Tgt Ion:105 Resp: 300287
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.0



#63
1,2,4-Trimethylbenzene
Concen: 53.03 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:105 Resp: 305168
Ion Ratio Lower Upper
105 100
120 44.0 35.0 52.6

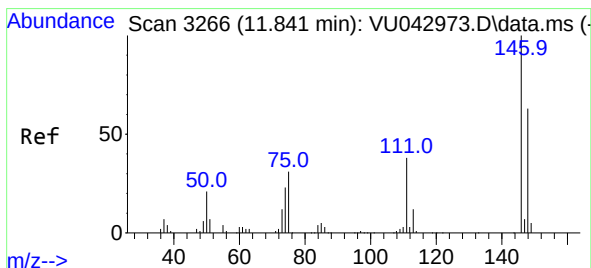
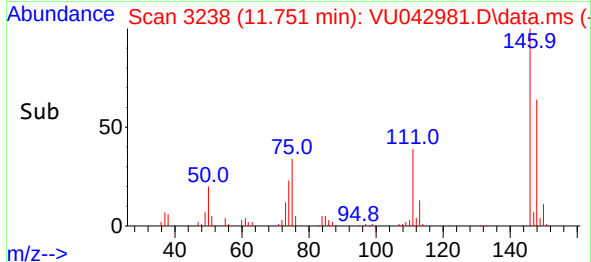
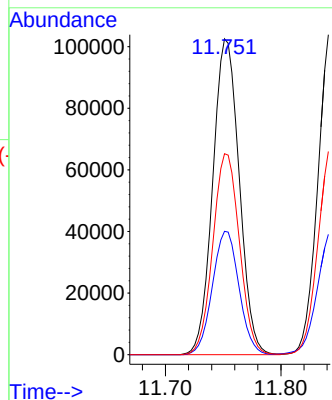
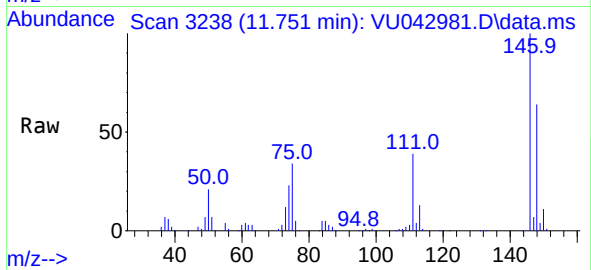




#64
1,3-Dichlorobenzene
Concen: 50.78 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

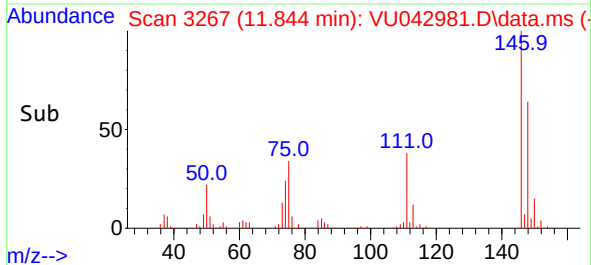
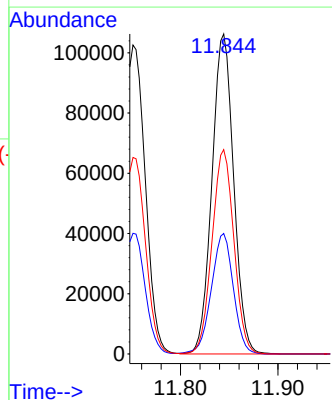
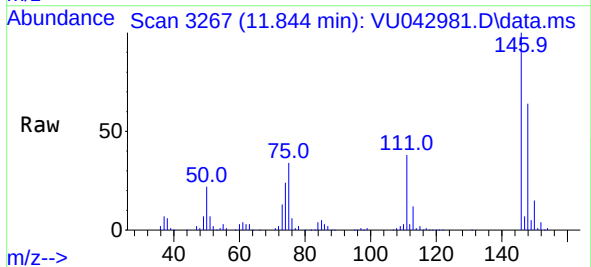
Instrument :
MSVOA_U
ClientSampleId :

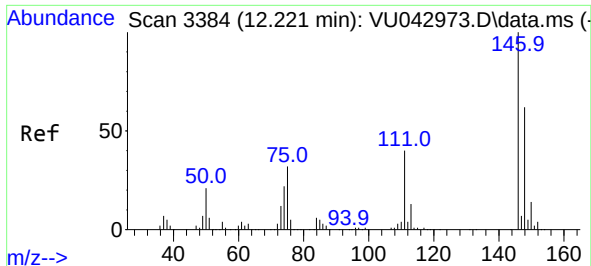
Tgt Ion:146 Resp: 163366
Ion Ratio Lower Upper
146 100
111 39.1 27.8 51.6
148 63.6 45.2 84.0



#65
1,4-Dichlorobenzene
Concen: 51.55 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

Tgt Ion:146 Resp: 164677
Ion Ratio Lower Upper
146 100
111 37.6 26.7 49.7
148 63.9 44.2 82.0

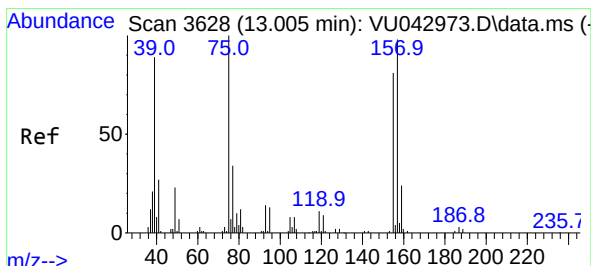
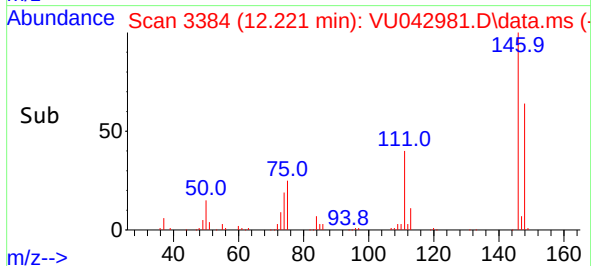
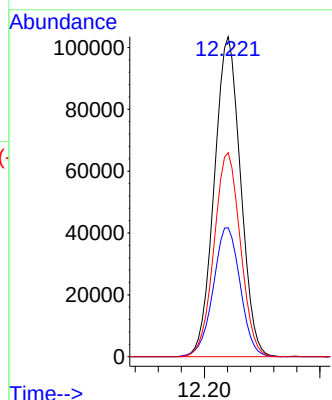
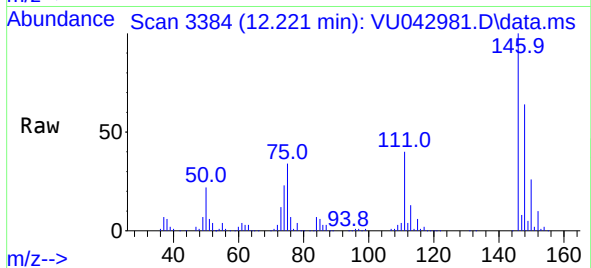




#67
1,2-Dichlorobenzene
Concen: 50.62 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

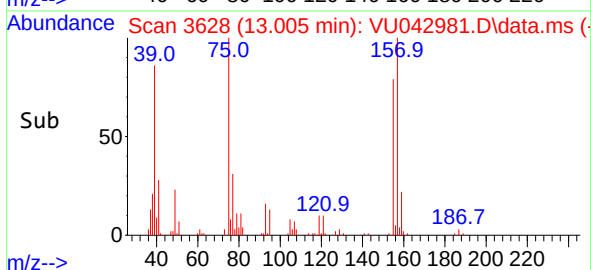
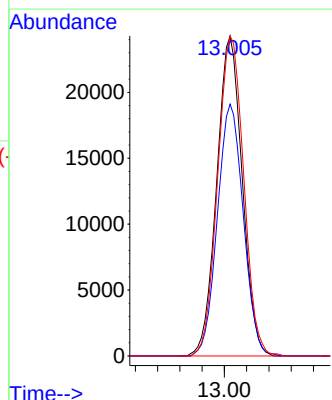
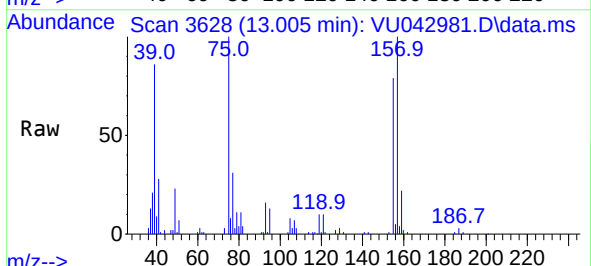
Instrument :
MSVOA_U
ClientSampled :

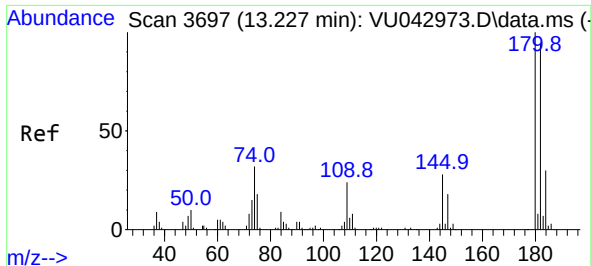
Tgt Ion:146 Resp: 163480
Ion Ratio Lower Upper
146 100
111 40.3 32.5 48.7
148 63.7 49.9 74.9



#68
1,2-Dibromo-3-chloropropane
Concen: 51.65 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

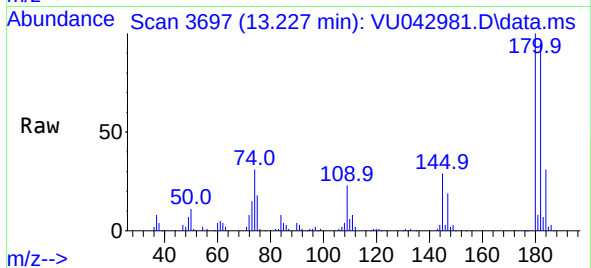
Tgt Ion: 75 Resp: 38534
Ion Ratio Lower Upper
75 100
155 78.7 64.5 96.7
157 100.0 78.5 117.7



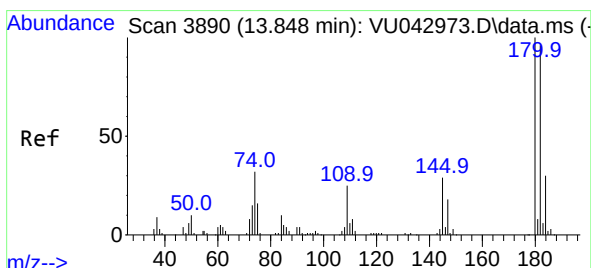
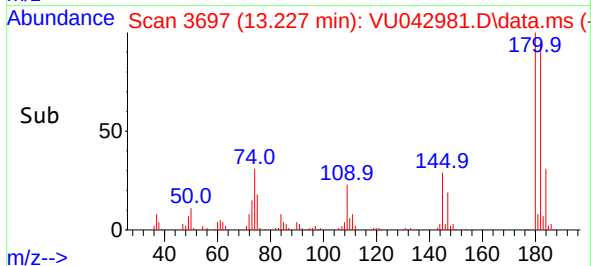
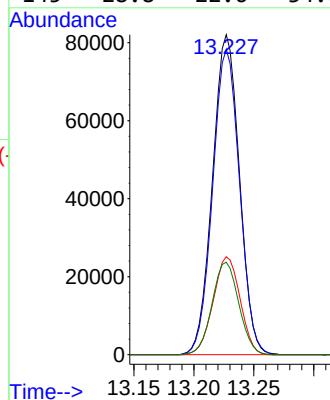


#69
1,3,5-Trichlorobenzene
Concen: 53.17 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

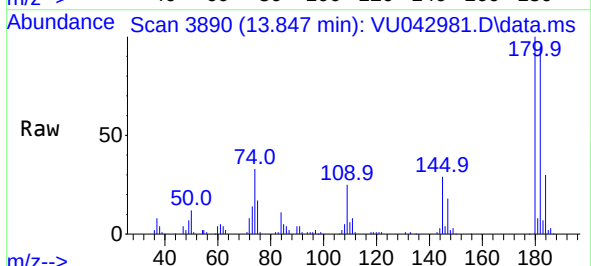
Instrument :
MSVOA_U
ClientSampleId :



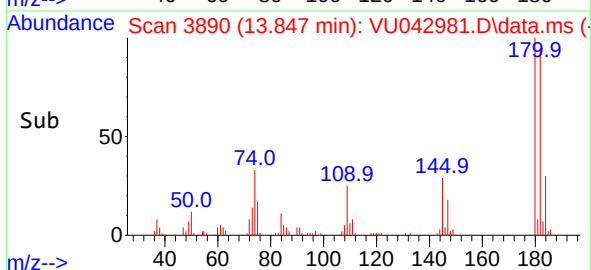
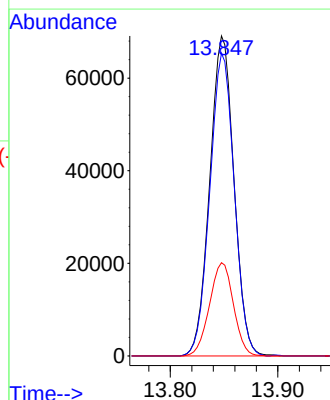
Tgt Ion:180 Resp: 127875
Ion Ratio Lower Upper
180 100
182 95.3 76.6 115.0
184 30.6 24.2 36.4
145 28.8 22.6 34.0

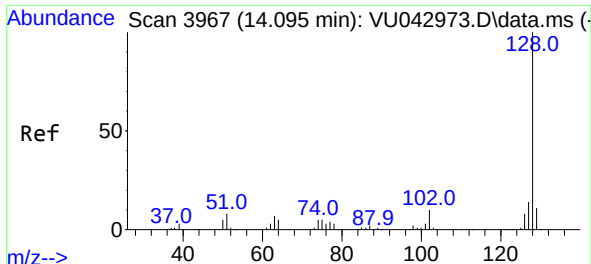


#70
1,2,4-trichlorobenzene
Concen: 57.27 ug/L
RT: 13.847 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24



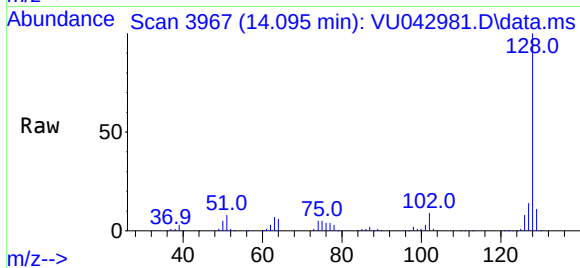
Tgt Ion:180 Resp: 107967
Ion Ratio Lower Upper
180 100
182 95.2 76.1 114.1
145 28.8 23.2 34.8



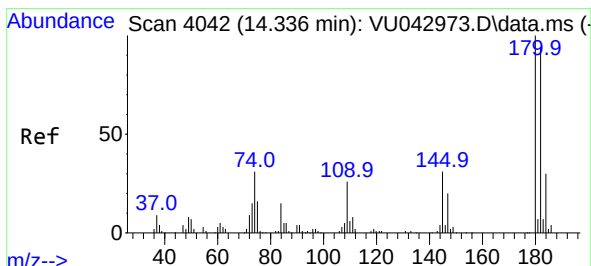
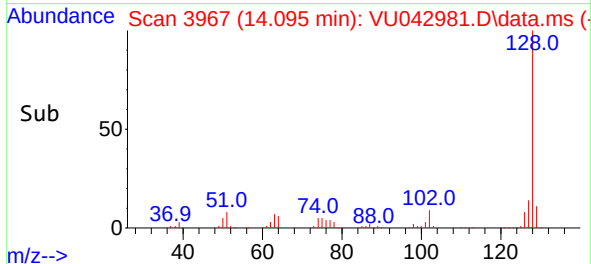
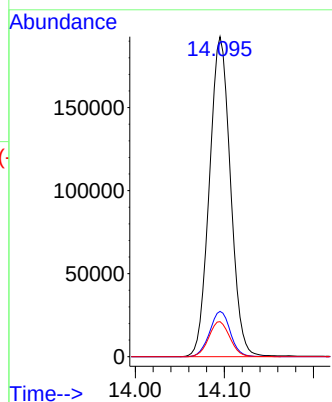


#71
Naphthalene
Concen: 56.52 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. -0.000 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24

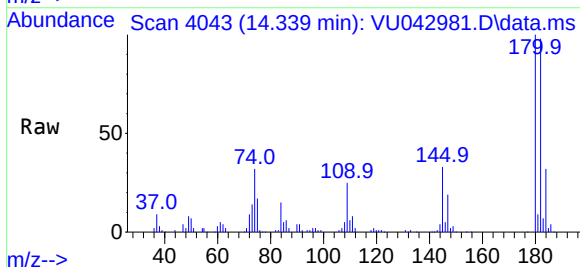
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 316311
Ion Ratio Lower Upper
128 100
127 13.9 11.1 16.7
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 56.58 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU042981.D
Acq: 07 Apr 2021 16:24



Tgt Ion:180 Resp: 103805
Ion Ratio Lower Upper
180 100
182 97.1 77.1 115.7
145 31.6 24.0 36.0

