

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043717.D
 Acq On : 13 May 2021 22:08
 Operator : SY/MD
 Sample : VSTD20034
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:06:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	481187	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	483021	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	289312	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	779680	205.83	ug/L	0.00
7) Chloroethane-d5	1.893	69	558789	202.63	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.568	63	1335345	179.88	ug/L	0.00
21) 2-Butanone-d5	4.626	46	1290595	337.03	ug/L	0.00
24) Chloroform-d	5.070	84	1306880	180.44	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	796467	152.57	ug/L	0.00
32) Benzene-d6	5.735	84	2726494	197.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	896563	194.01	ug/L	0.00
41) Toluene-d8	7.906	98	2537156	188.17	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	421845	180.93	ug/L	0.00
47) 2-Hexanone-d5	8.642	63	1054454	398.89	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	1505018	205.75	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	1123373	183.57	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	758248	199.61	ug/L	100
3) Chloromethane	1.520	50	888722	219.17	ug/L	99
5) Vinyl chloride	1.607	62	893822	225.84	ug/L	100
6) Bromomethane	1.832	94	189410	81.51	ug/L	99
8) Chloroethane	1.919	64	500185	206.07	ug/L	99
9) Trichlorofluoromethane	2.134	101	991694	161.98	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	647216	187.73	ug/L	99
12) 1,1-Dichloroethene	2.581	96	663379	211.38	ug/L	98
13) Acetone	2.629	43	800716	263.95	ug/L	99
14) Carbon disulfide	2.793	76	2092269	212.71	ug/L	100
15) Methyl Acetate	2.951	43	934915	169.43	ug/L	100
16) Methylene chloride	3.051	84	787342	211.19	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	685201	205.40	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	2197526	193.99	ug/L	100
19) 1,1-Dichloroethane	3.874	63	1323741	194.07	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	780935	210.54	ug/L	97
22) 2-Butanone	4.706	43	1417847	315.12	ug/L	99
23) Bromochloromethane	4.980	128	398183	202.22	ug/L	98
25) Chloroform	5.096	83	1283561	183.03	ug/L	100
27) 1,2-Dichloroethane	5.800	62	985048	158.76	ug/L	99
29) Cyclohexane	5.395	56	1288652	203.89	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	1077254	169.08	ug/L	99
31) Carbon tetrachloride	5.533	117	901549	162.76	ug/L	100
33) Benzene	5.780	78	2994928	197.21	ug/L	100
34) Trichloroethene	6.549	95	745050	192.93	ug/L	98
35) Methylcyclohexane	6.771	83	1261266	208.95	ug/L	99
37) 1,2-Dichloropropane	6.800	63	812396	194.52	ug/L	100
38) Bromodichloromethane	7.112	83	983680	179.56	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	1237313	200.92	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	2849632	344.25	ug/L	100
42) Toluene	7.976	91	3249886	196.91	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	1162373	186.89	ug/L	99

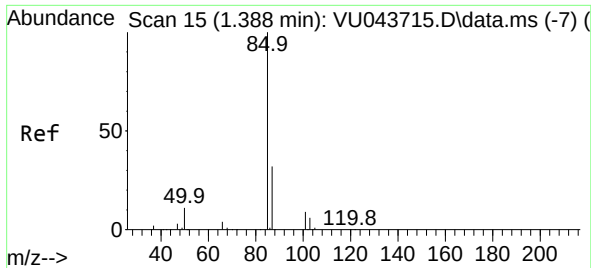
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	770542	198.08	ug/L	99
46) Tetrachloroethene	8.558	164	590671	187.22	ug/L	99
48) 2-Hexanone	8.693	43	2351442	340.07	ug/L	100
49) Dibromochloromethane	8.819	129	831672	187.25	ug/L	99
50) 1,2-Dibromoethane	8.931	107	827733	191.22	ug/L	99
51) Chlorobenzene	9.452	112	2040905	199.51	ug/L	100
52) Ethylbenzene	9.578	91	3589900	199.11	ug/L	100
53) m,p-Xylene	9.700	106	1373162	204.89	ug/L	99
54) o-xylene	10.108	106	1365406	206.31	ug/L	100
55) Styrene	10.121	104	2422941	214.19	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	1532720	206.16	ug/L	99
59) Bromoform	10.298	173	728700	181.86	ug/L #	98
60) 1,2,3-Trichloropropane	10.832	75	1225598	179.10	ug/L	99
61) Isopropylbenzene	10.491	105	3572657	182.09	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	3214732	191.84	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	3325982	191.98	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	1785535	186.95	ug/L	100
65) 1,4-Dichlorobenzene	11.844	146	1789289	184.38	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	1808286	183.91	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	369886	162.74	ug/L	95
69) 1,3,5-Trichlorobenzene	13.227	180	1381931	183.65	ug/L	100
70) 1,2,4-trichlorobenzene	13.848	180	1242868	192.93	ug/L	100
71) Naphthalene	14.092	128	4276664	210.22	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	1240160	187.70	ug/L	100

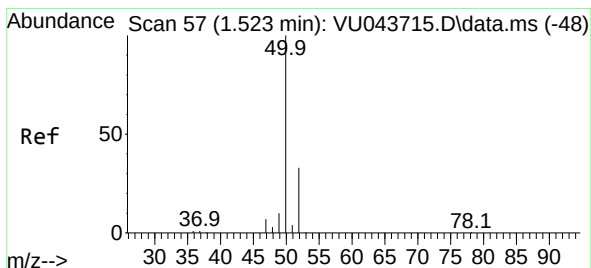
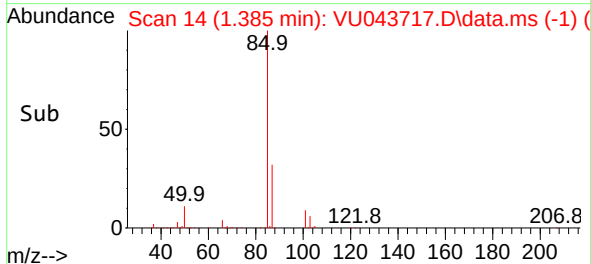
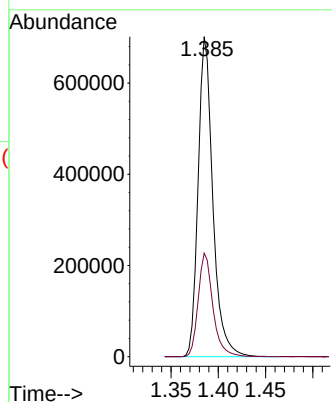
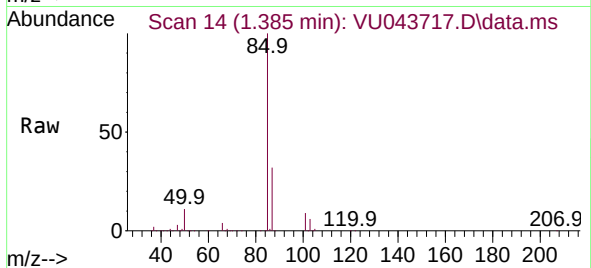
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 199.61 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

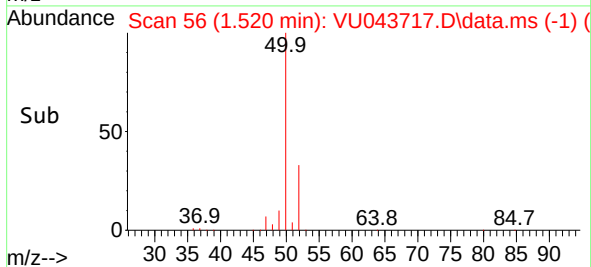
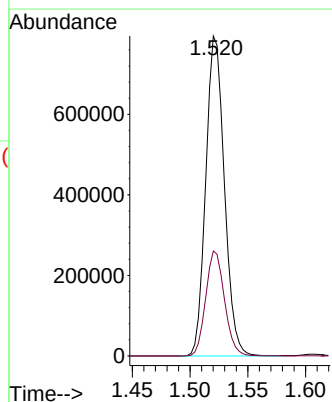
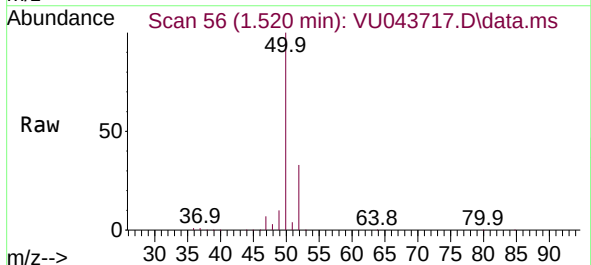
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MSVOA_U
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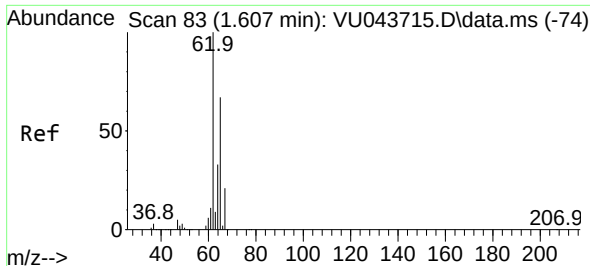
Tgt Ion: 85 Resp: 758248
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9



#3
Chloromethane
Concen: 219.17 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 50 Resp: 888722
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2

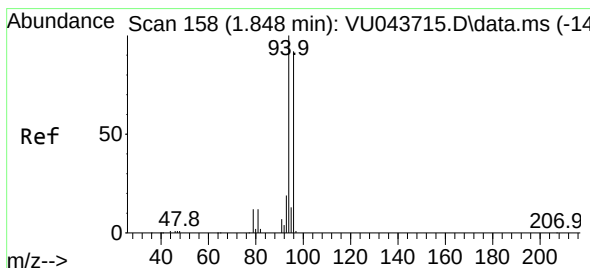
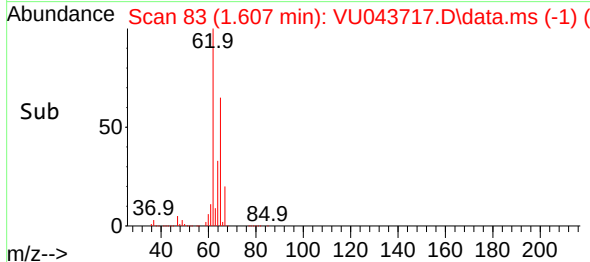
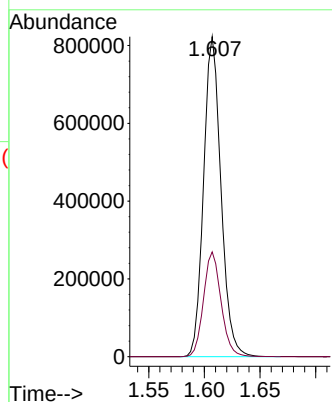
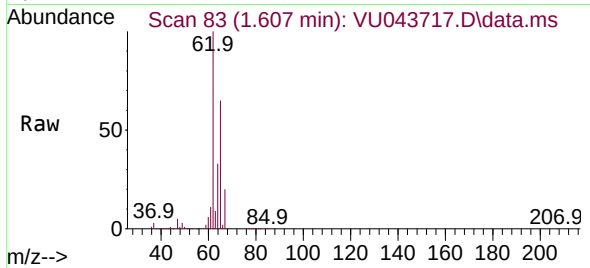




#5
 Vinyl chloride
 Concen: 225.84 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

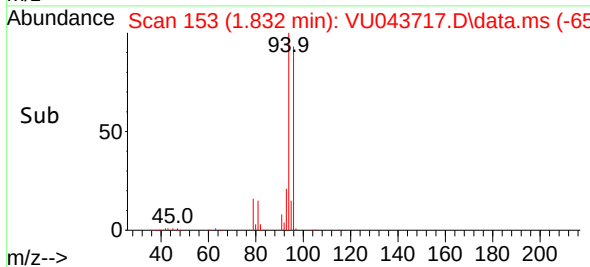
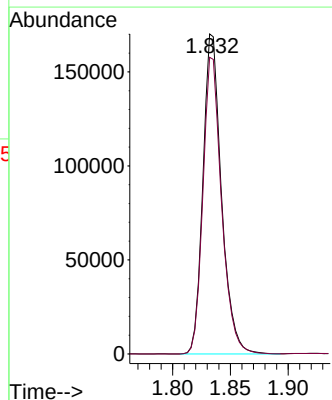
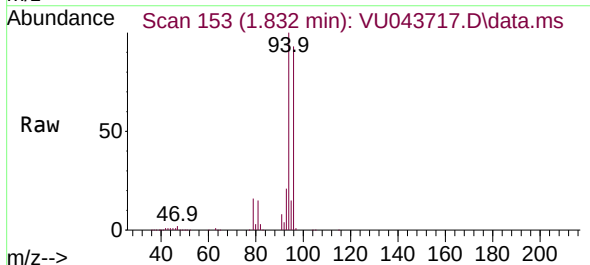
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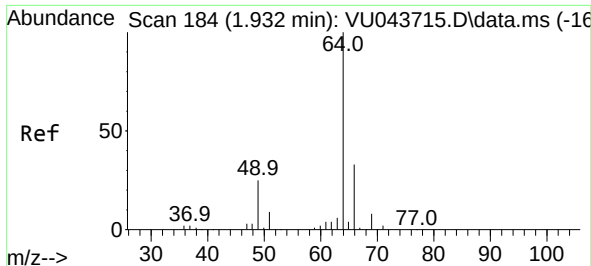
Tgt Ion: 62 Resp: 893822
 Ion Ratio Lower Upper
 62 100
 64 32.7 22.9 42.5



#6
 Bromomethane
 Concen: 81.51 ug/L
 RT: 1.832 min Scan# 153
 Delta R.T. -0.016 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

Tgt Ion: 94 Resp: 189410
 Ion Ratio Lower Upper
 94 100
 96 92.7 64.2 119.2

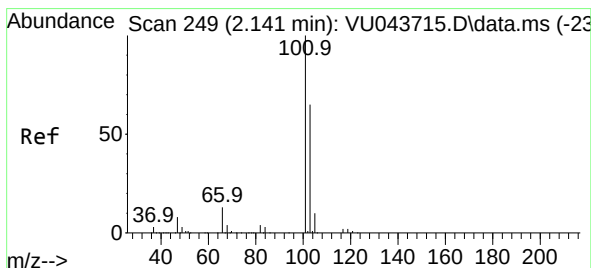
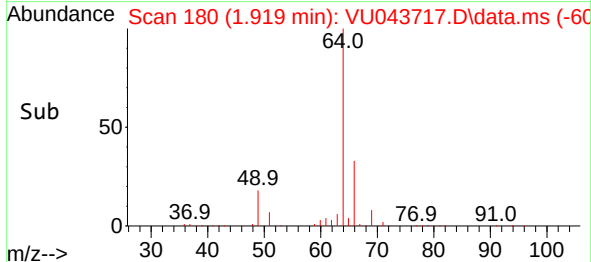
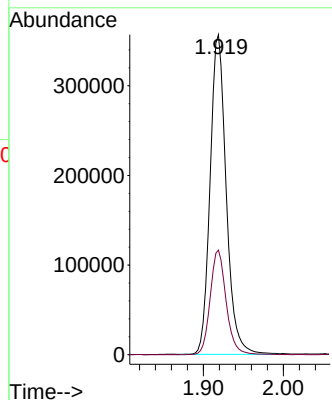
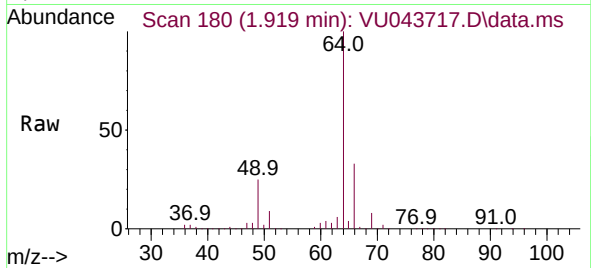




#8
Chloroethane
Concen: 206.07 ug/L
RT: 1.919 min Scan# 180
Delta R.T. -0.013 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

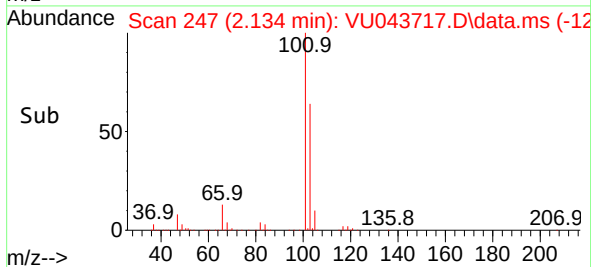
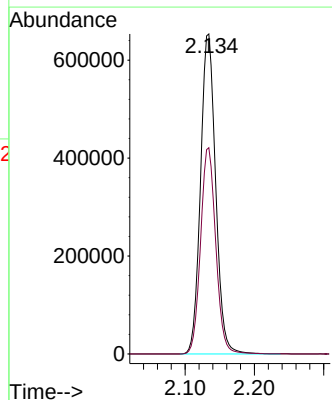
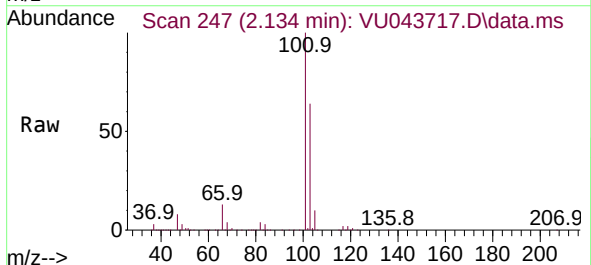
Instrument :
MSVOA_U
ClientSampled :

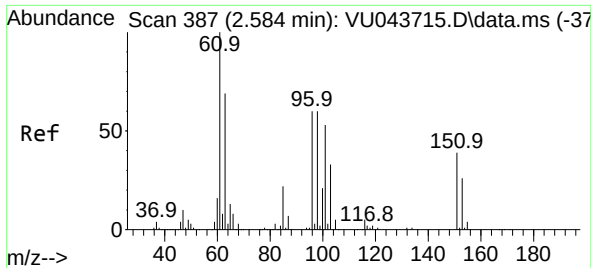
Tgt Ion: 64 Resp: 500185
Ion Ratio Lower Upper
64 100
66 32.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 161.98 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.006 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 101 Resp: 991694
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

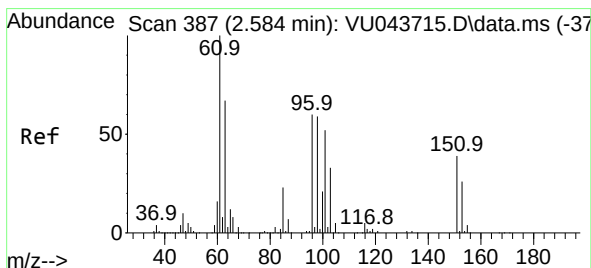
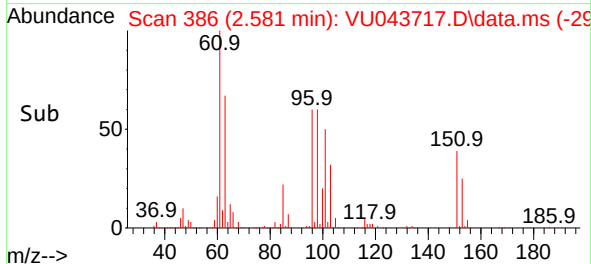
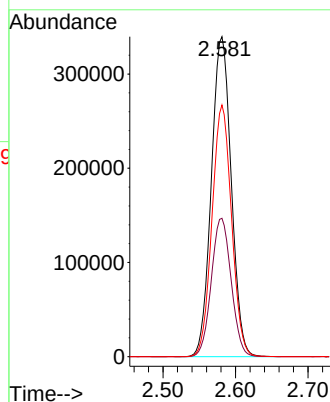
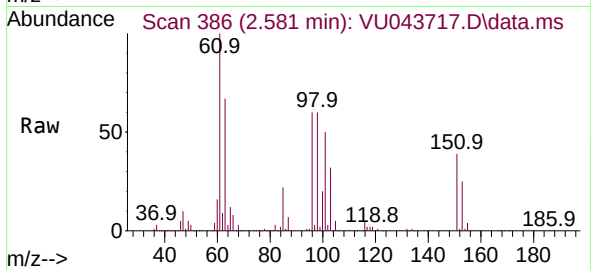




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 187.73 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

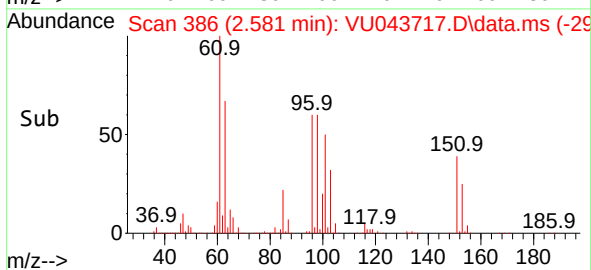
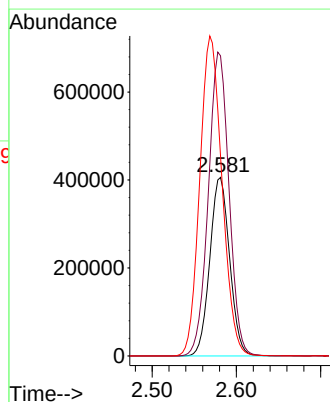
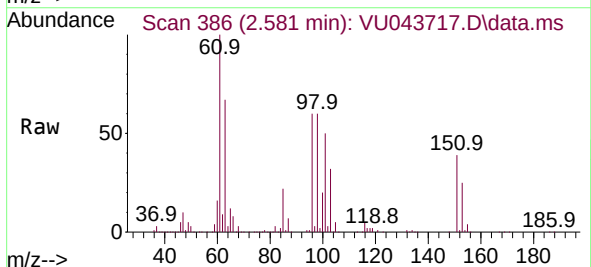
Instrument :
 MSVOA_U
 ClientSampleId :

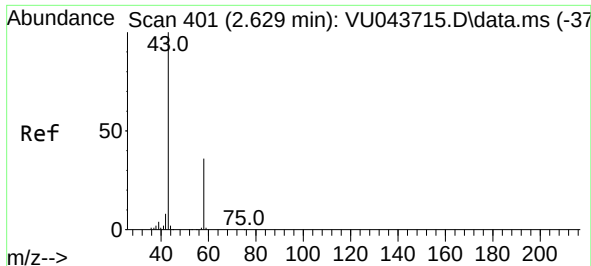
Tgt Ion:101 Resp: 647216
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.2 51.4
 151 77.2 60.4 90.6



#12
 1,1-Dichloroethene
 Concen: 211.38 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

Tgt Ion: 96 Resp: 663379
 Ion Ratio Lower Upper
 96 100
 61 168.0 116.3 215.9
 63 112.1 80.8 150.2

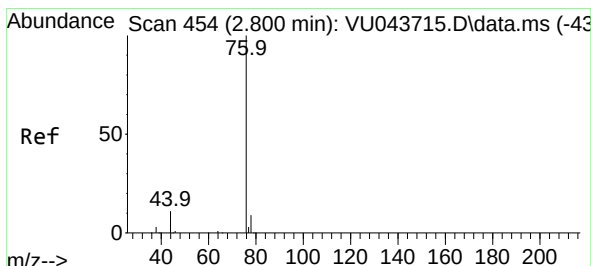
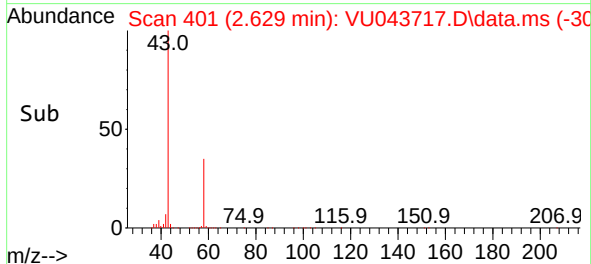
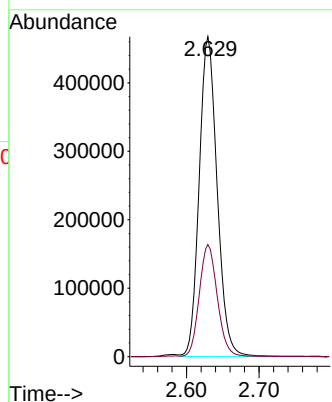
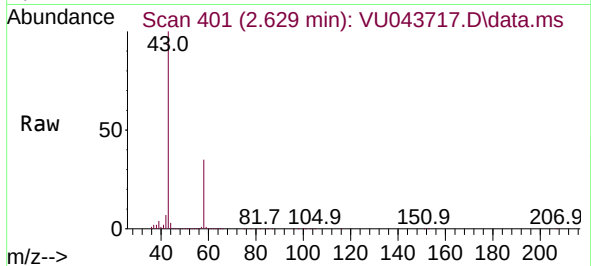




#13
Acetone
Concen: 263.95 ug/L
RT: 2.629 min Scan# 401
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

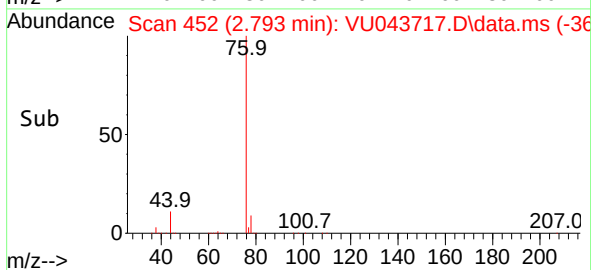
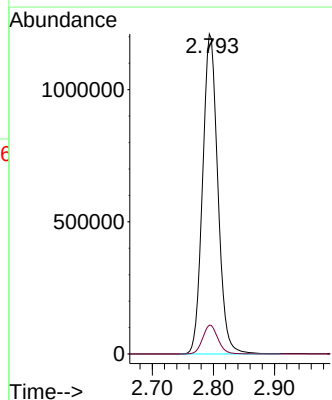
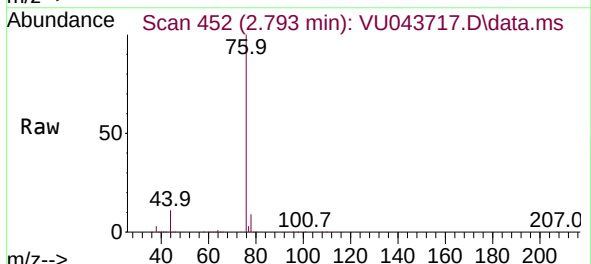
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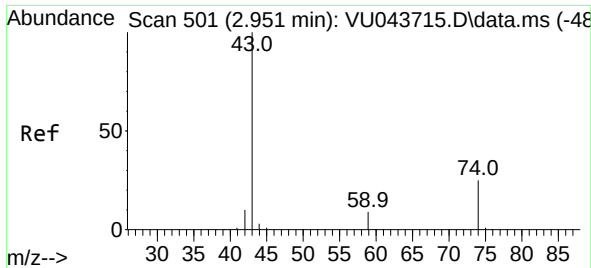
Tgt Ion: 43 Resp: 800716
Ion Ratio Lower Upper
43 100
58 35.0 0.0 69.4



#14
Carbon disulfide
Concen: 212.71 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.006 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 76 Resp: 2092269
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

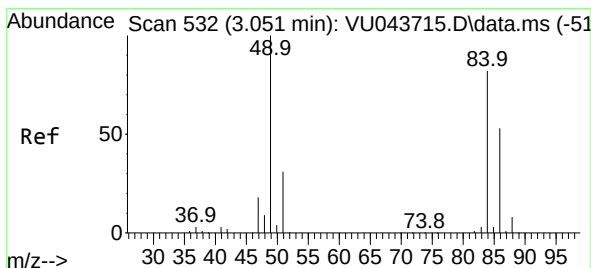
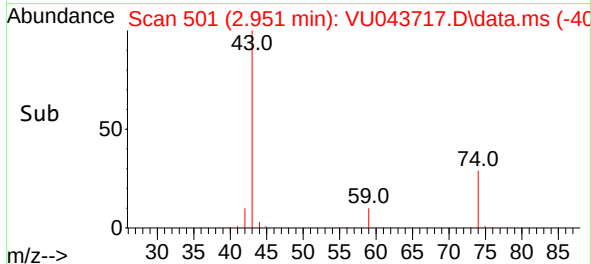
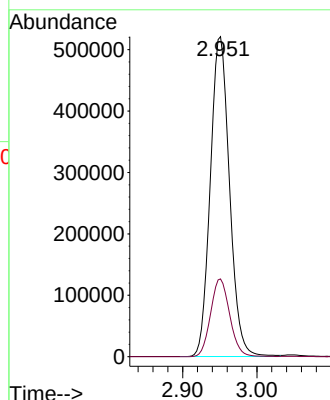
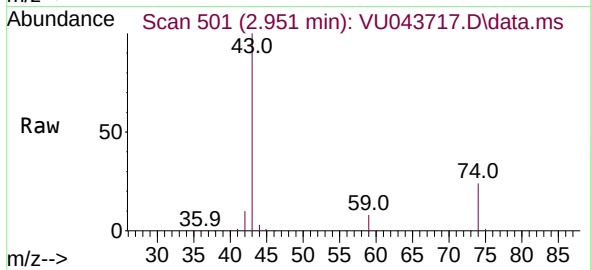




#15
Methyl Acetate
Concen: 169.43 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

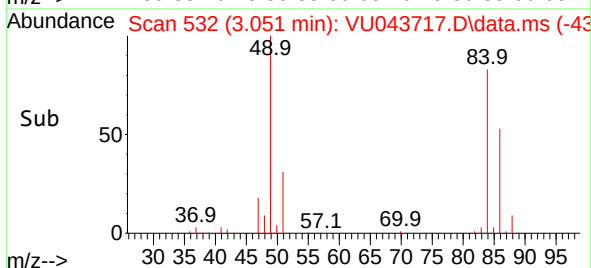
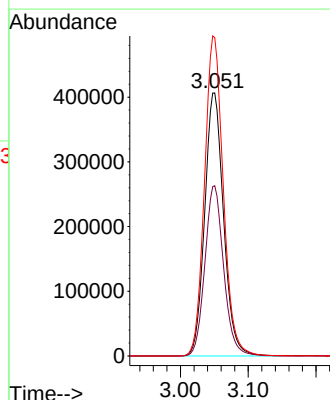
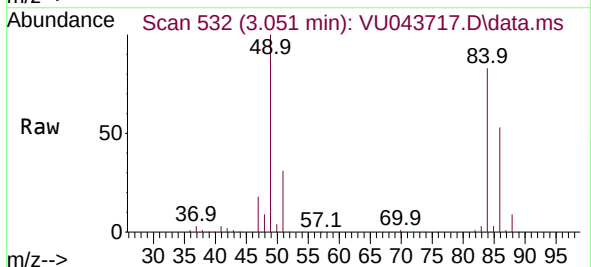
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MSVOA_U
ClientSampled :

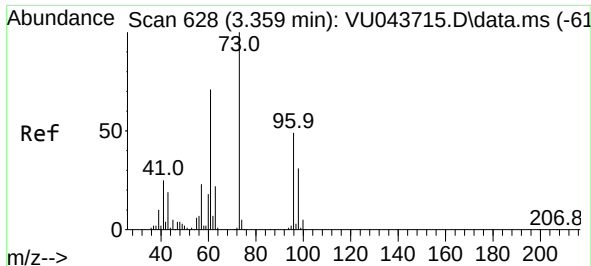
Tgt Ion: 43 Resp: 934915
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9



#16
Methylene chloride
Concen: 211.19 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

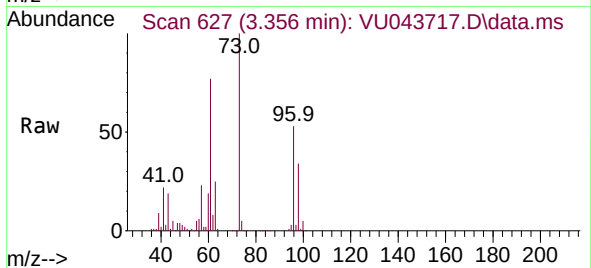
Tgt Ion: 84 Resp: 787342
Ion Ratio Lower Upper
84 100
86 64.7 44.9 83.5
49 121.0 84.9 157.7



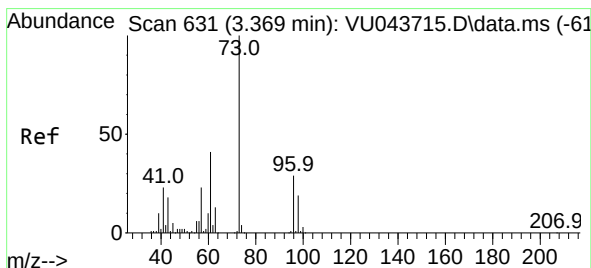
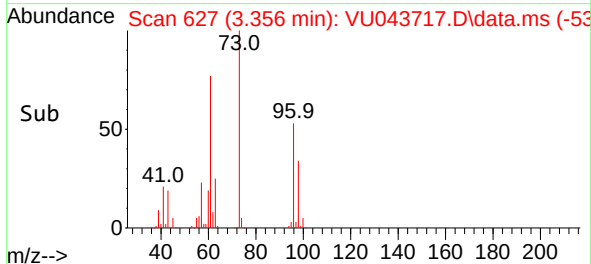
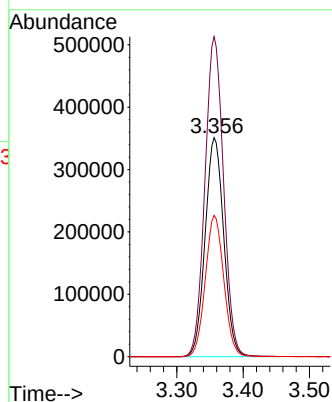


#17
trans-1,2-Dichloroethene
Concen: 205.40 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Instrument :
MSVOA_U
ClientSampleId :

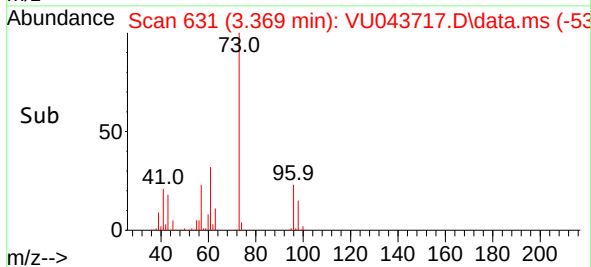
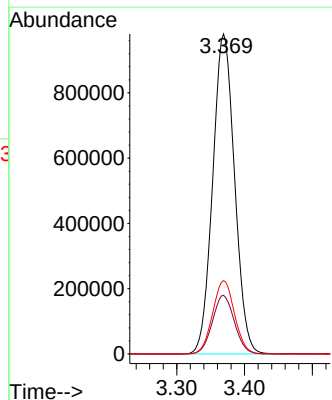
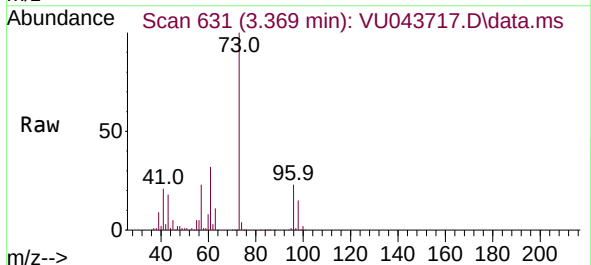


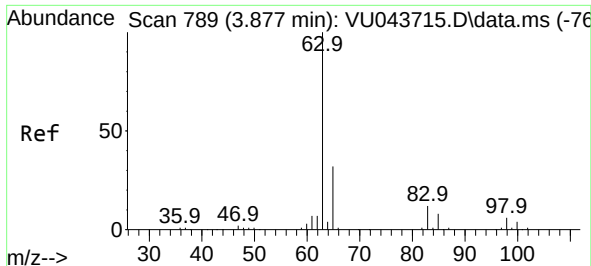
Tgt Ion: 96 Resp: 685201
Ion Ratio Lower Upper
96 100
61 146.1 101.5 188.5
98 64.5 44.9 83.5



#18
Methyl tert-butyl Ether
Concen: 193.99 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 73 Resp: 2197526
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0
57 23.0 18.2 27.4

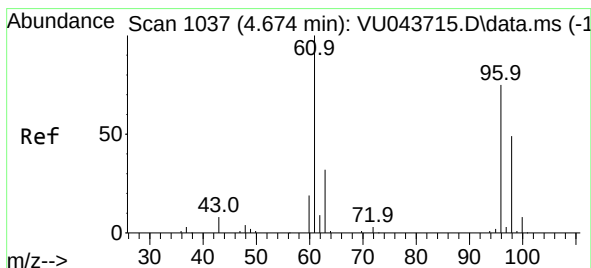
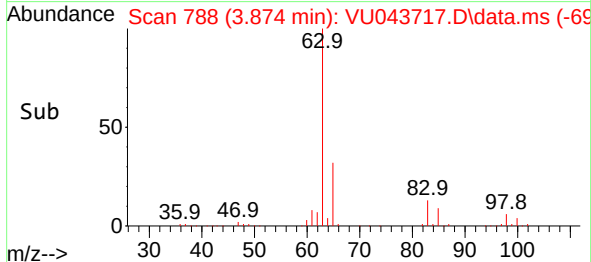
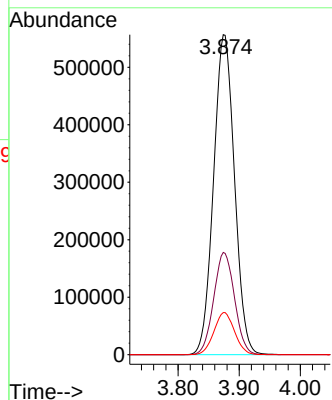
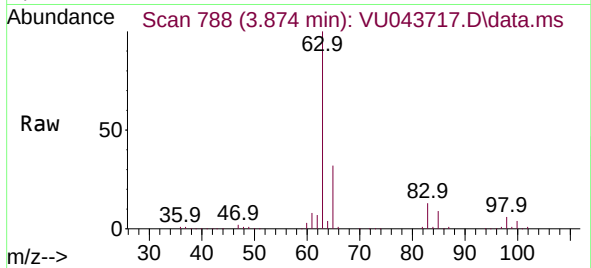




#19
1,1-Dichloroethane
Concen: 194.07 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

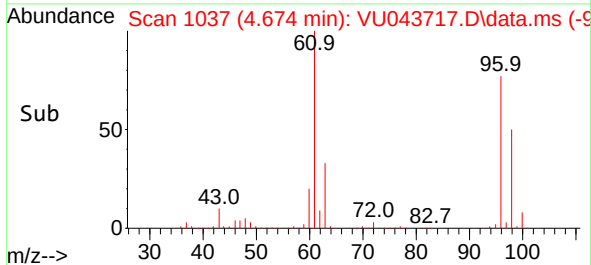
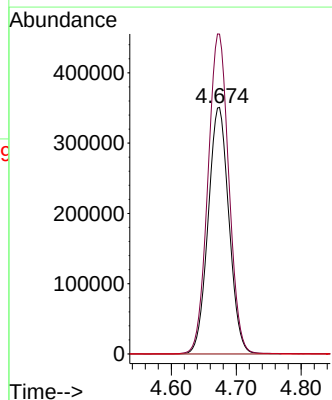
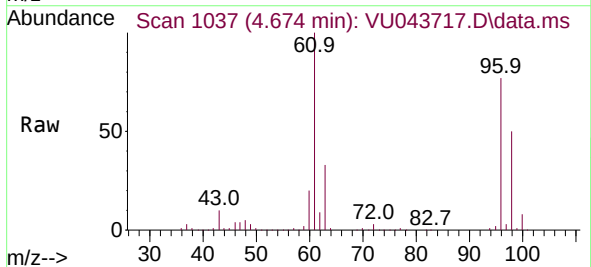
Instrument :
MSVOA_U
ClientSampleId :

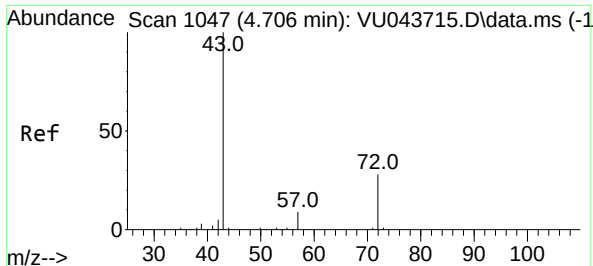
Tgt Ion: 63 Resp: 1323741
Ion Ratio Lower Upper
63 100
65 32.0 22.0 41.0
83 13.1 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 210.54 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 96 Resp: 780935
Ion Ratio Lower Upper
96 100
61 129.7 93.1 172.9
68 0.0 0.0 0.0

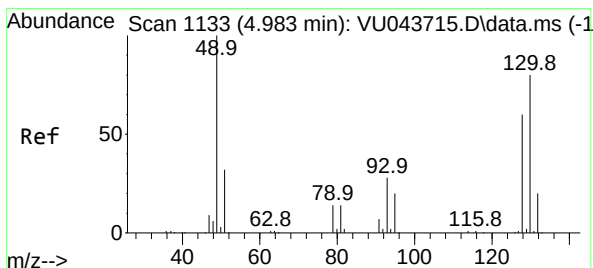
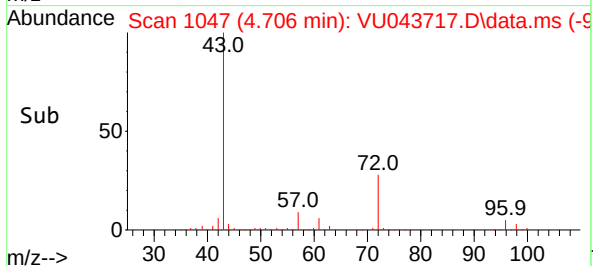
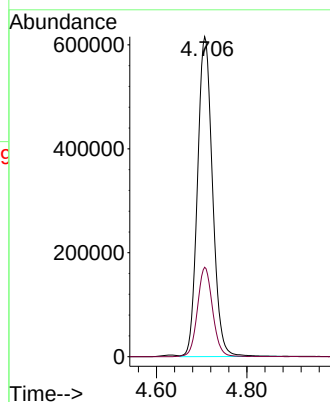
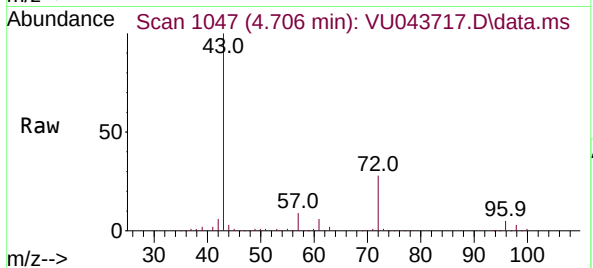




#22
2-Butanone
Concen: 315.12 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

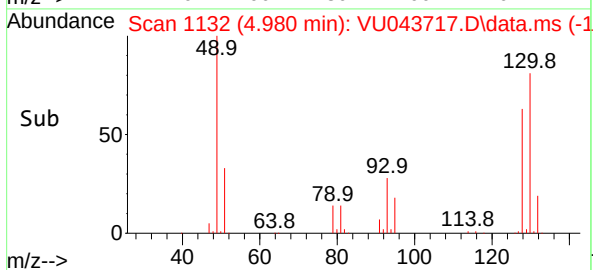
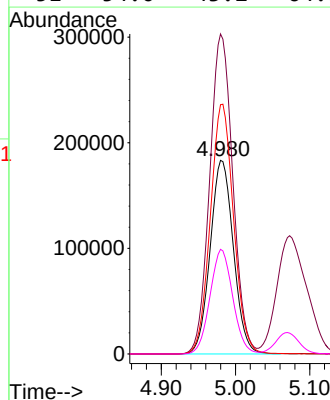
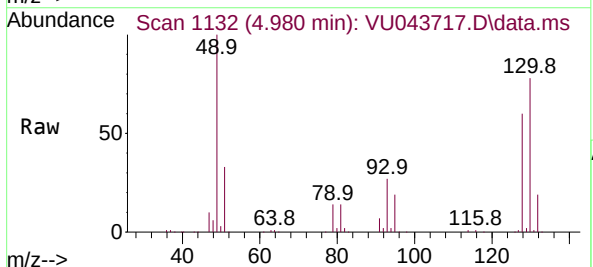
Instrument :
MSVOA_U
ClientSampled :

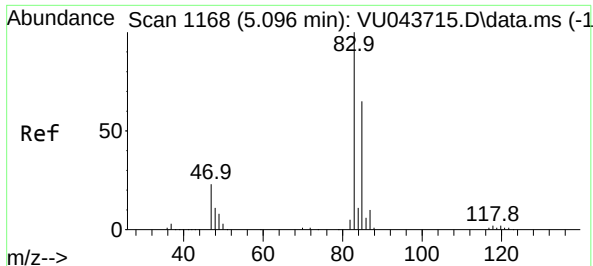
Tgt Ion: 43 Resp: 1417847
Ion Ratio Lower Upper
43 100
72 28.2 13.9 41.6



#23
Bromochloromethane
Concen: 202.22 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:128 Resp: 398183
Ion Ratio Lower Upper
128 100
49 165.4 116.8 216.8
130 128.8 93.3 173.3
51 54.0 43.2 64.8

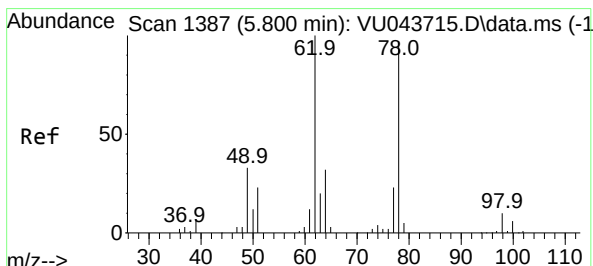
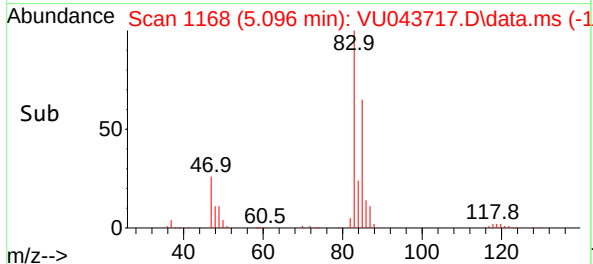
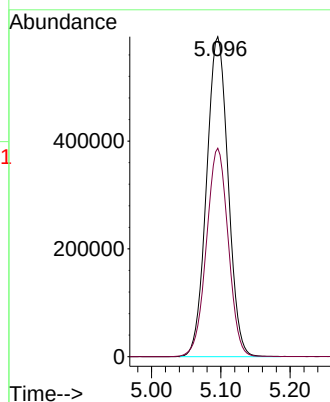
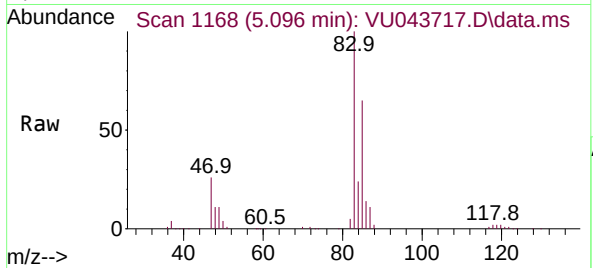




#25
Chloroform
Concen: 183.03 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

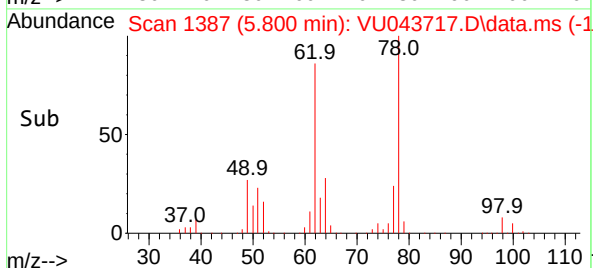
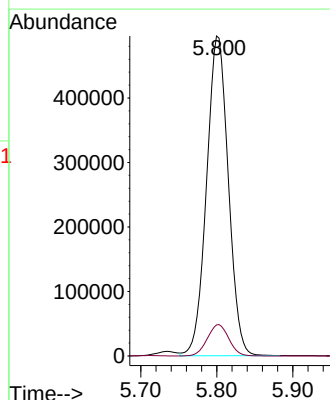
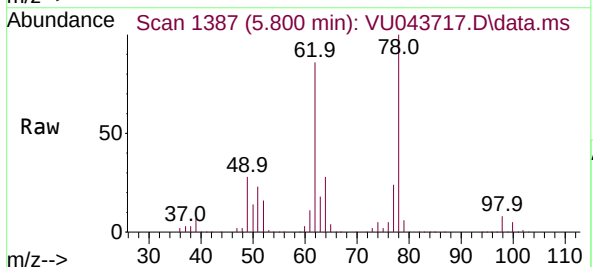
Instrument :
MSVOA_U
ClientSampleId :

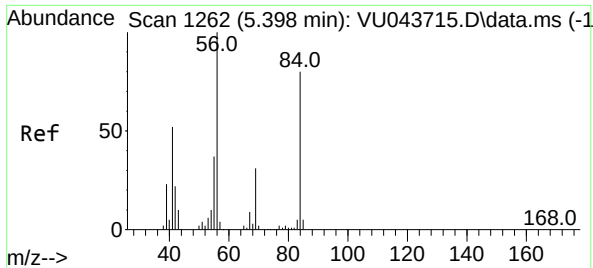
Tgt Ion: 83 Resp: 1283561
Ion Ratio Lower Upper
83 100
85 65.1 45.7 84.9



#27
1,2-Dichloroethane
Concen: 158.76 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 62 Resp: 985048
Ion Ratio Lower Upper
62 100
98 9.7 7.6 11.4





#29

Cyclohexane

Concen: 203.89 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. -0.003 min

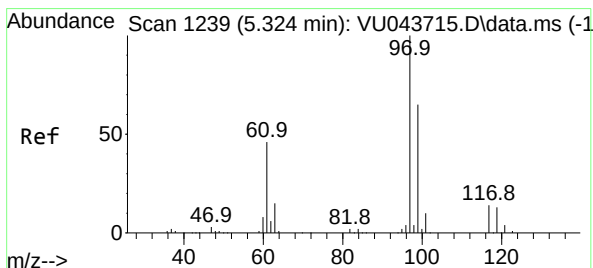
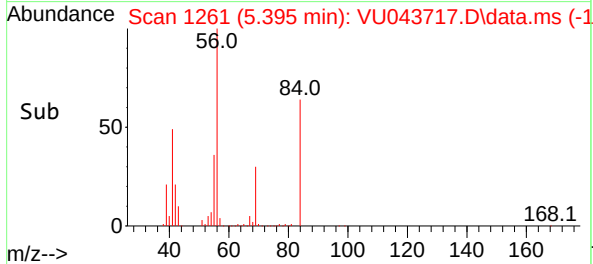
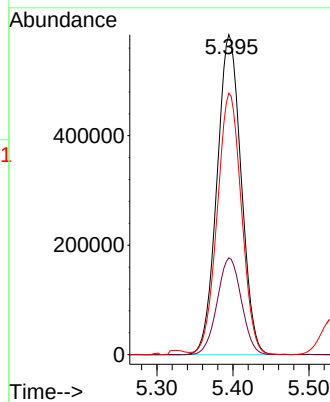
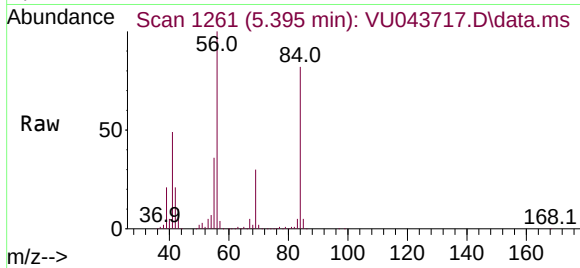
Lab File: VU043717.D

Acq: 13 May 2021 22:08

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 56 Resp: 1288652

Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	37.0
84	82.0	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 169.08 ug/L

RT: 5.324 min Scan# 1239

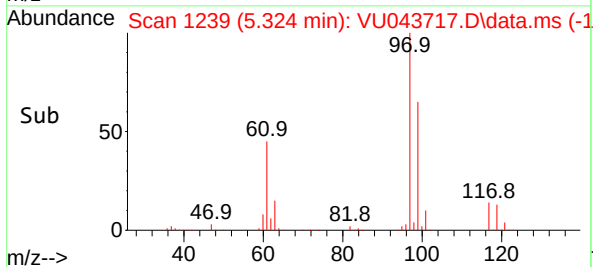
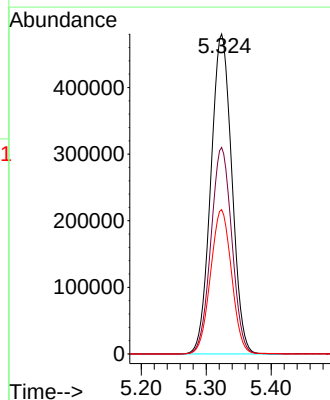
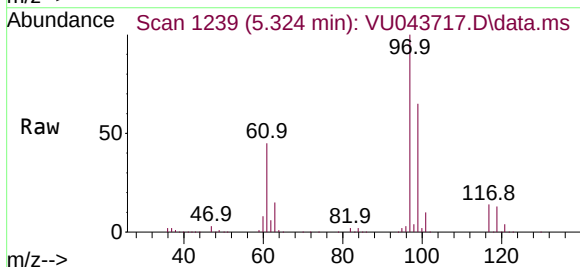
Delta R.T. 0.000 min

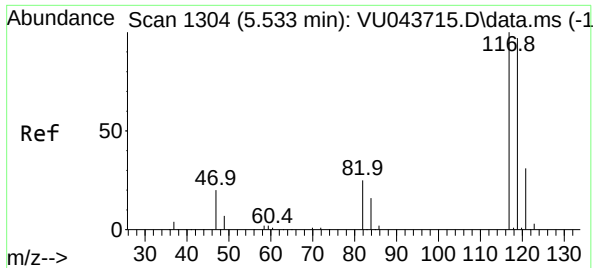
Lab File: VU043717.D

Acq: 13 May 2021 22:08

Tgt Ion: 97 Resp: 1077254

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	45.1	36.9	55.3

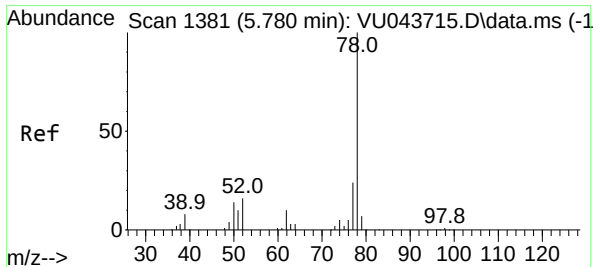
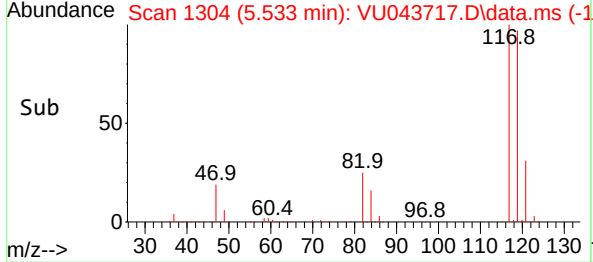
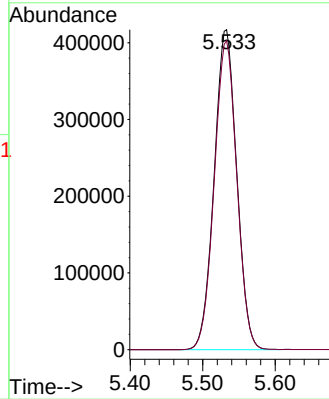
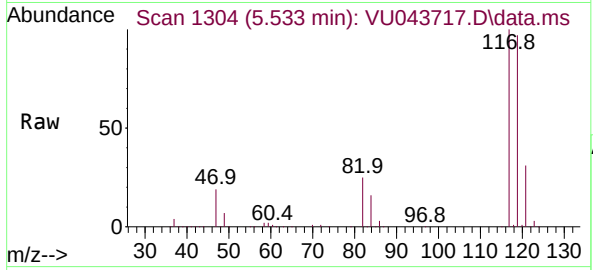




#31
Carbon tetrachloride
Concen: 162.76 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

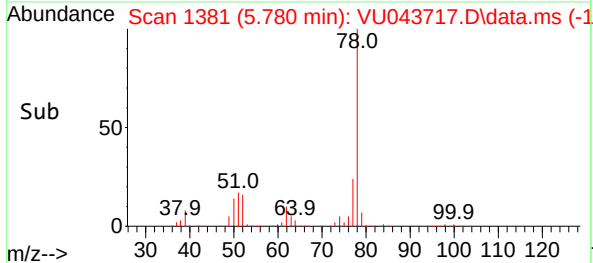
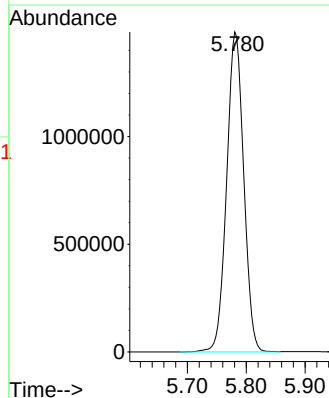
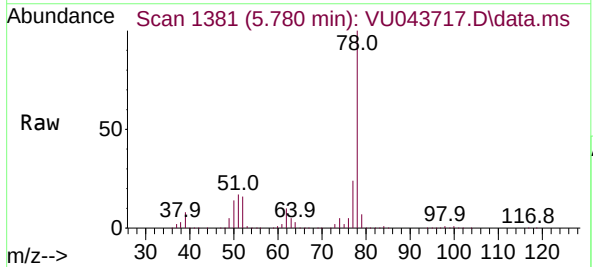
Instrument :
MSVOA_U
ClientSampleId :

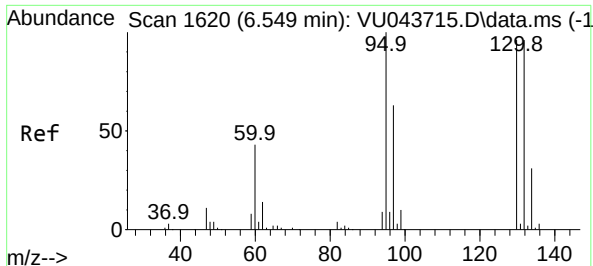
Tgt Ion:117 Resp: 901549
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6



#33
Benzene
Concen: 197.21 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 78 Resp: 2994928

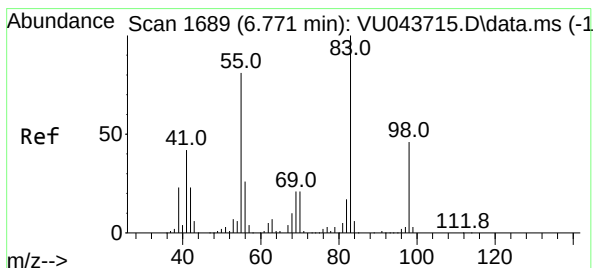
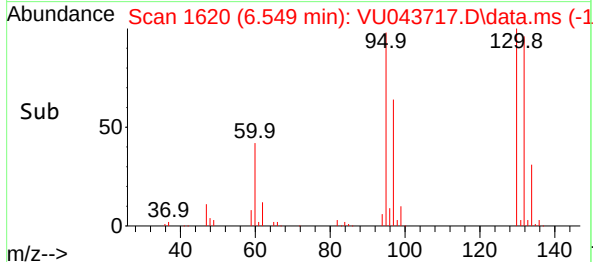
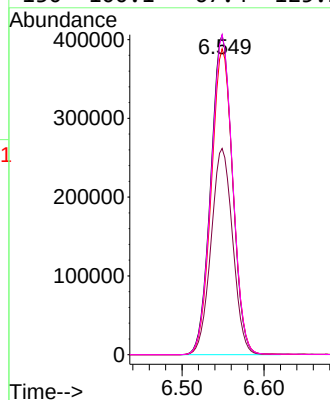
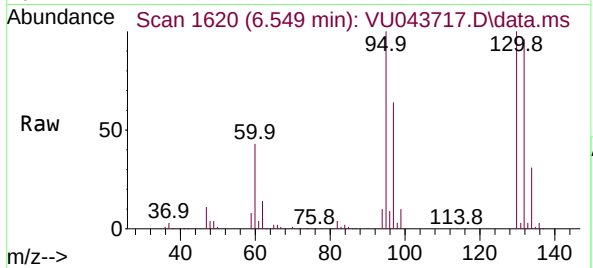




#34
Trichloroethene
Concen: 192.93 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

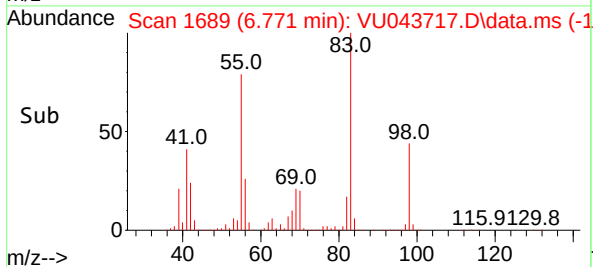
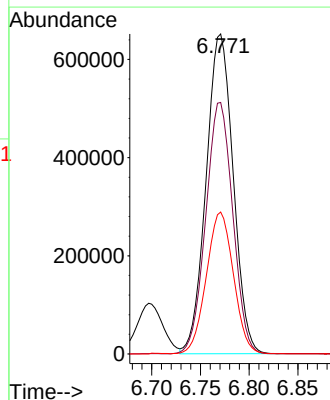
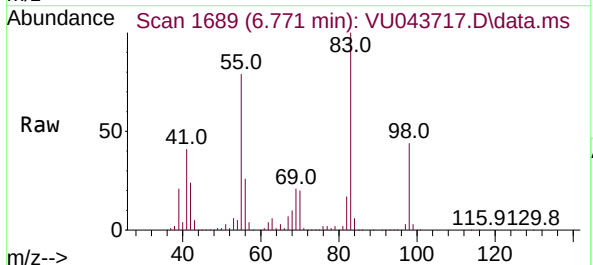
Instrument :
MSVOA_U
ClientSampleId :

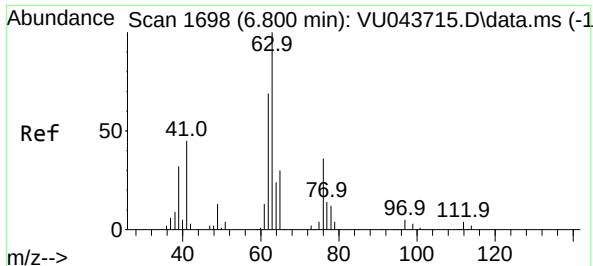
Tgt Ion: 95 Resp: 745050
Ion Ratio Lower Upper
95 100
97 64.6 44.2 82.2
132 95.7 66.8 124.2
130 100.1 67.4 125.2



#35
Methylcyclohexane
Concen: 208.95 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 83 Resp: 1261266
Ion Ratio Lower Upper
83 100
55 78.3 63.8 95.6
98 44.4 36.2 54.2



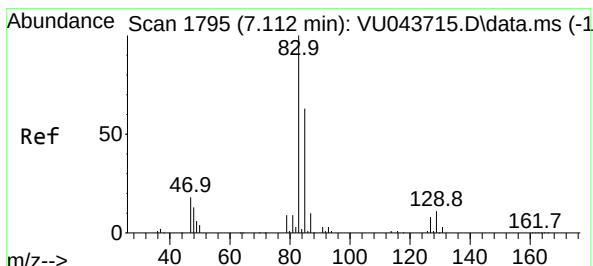
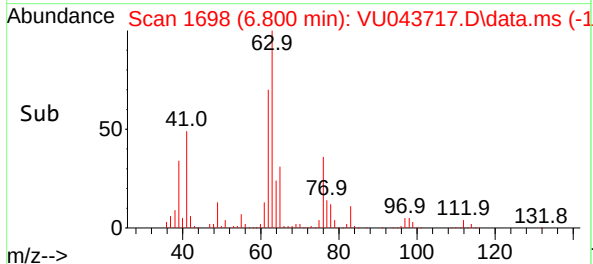
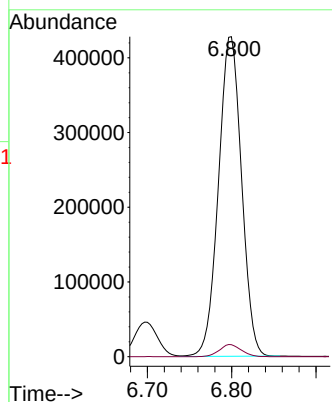
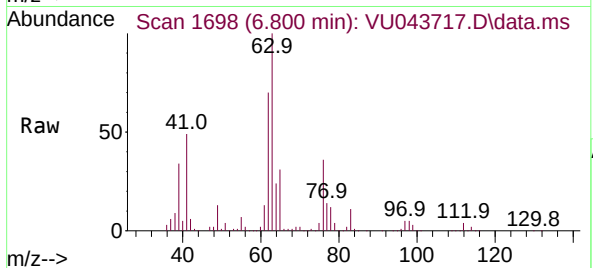


#37

1,2-Dichloropropane
Concen: 194.52 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Instrument :
MSVOA_U
ClientSampled :

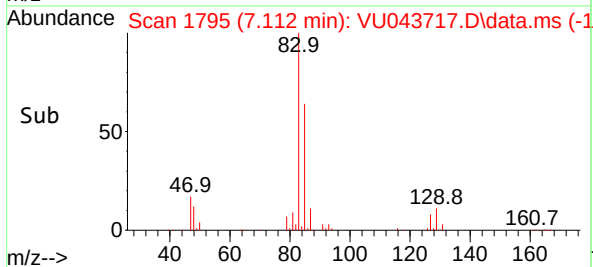
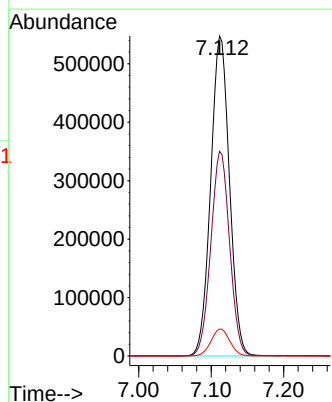
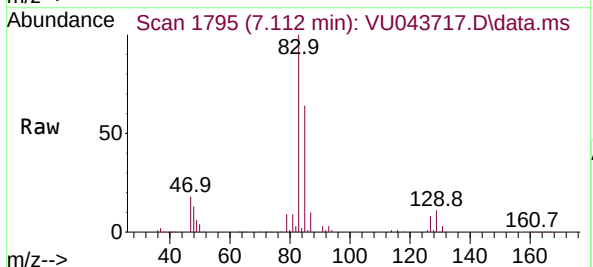
Tgt Ion: 63 Resp: 812396
Ion Ratio Lower Upper
63 100
112 3.6 3.0 4.4

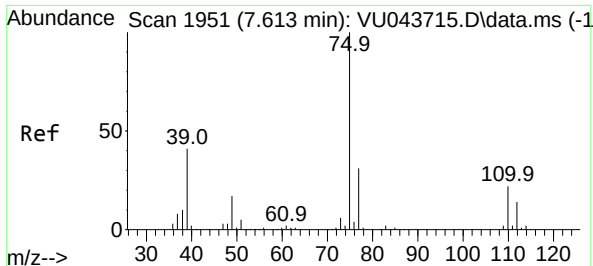


#38

Bromodichloromethane
Concen: 179.56 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 83 Resp: 983680
Ion Ratio Lower Upper
83 100
85 63.9 44.3 82.3
127 8.4 6.6 9.8

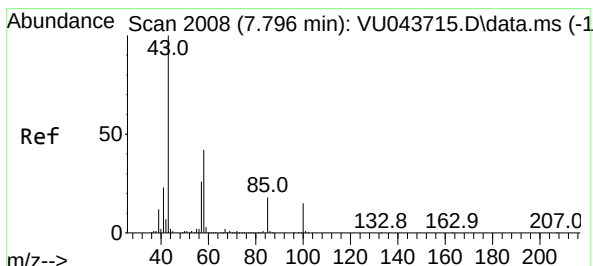
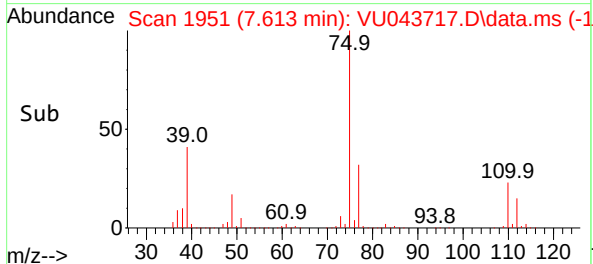
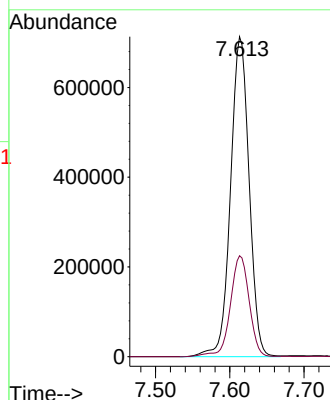
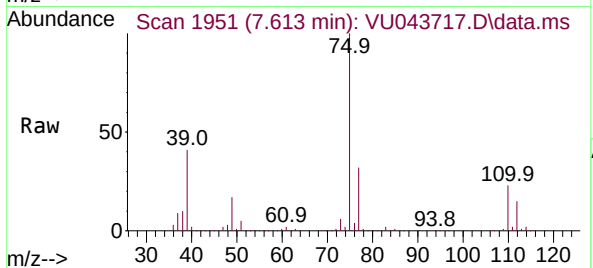




#39
cis-1,3-Dichloropropene
Concen: 200.92 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

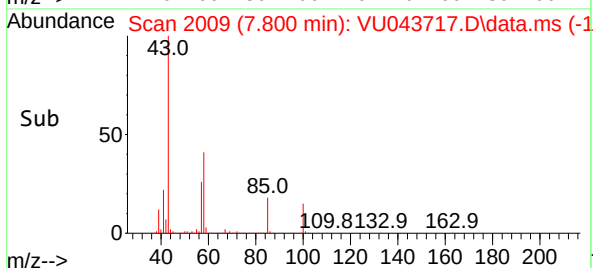
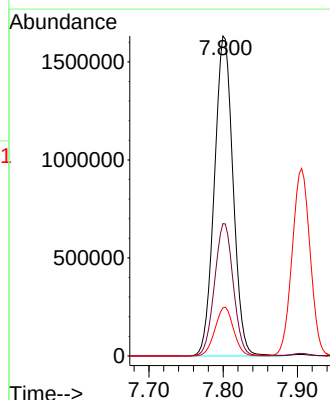
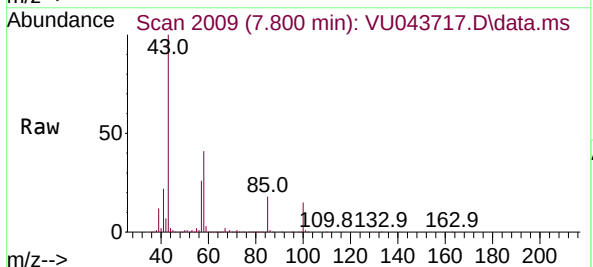
Instrument :
MSVOA_U
ClientSampleId :

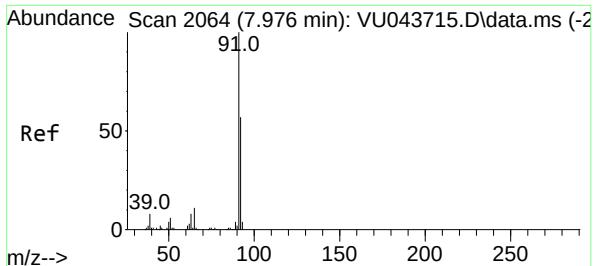
Tgt Ion: 75 Resp: 1237313
Ion Ratio Lower Upper
75 100
77 31.5 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 344.25 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 43 Resp: 2849632
Ion Ratio Lower Upper
43 100
58 41.7 33.4 50.0
100 15.2 12.2 18.2





#42

Toluene

Concen: 196.91 ug/L

RT: 7.976 min Scan# 2064

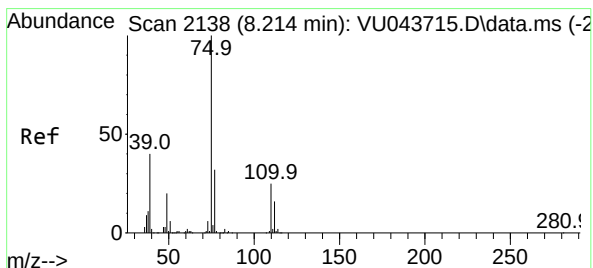
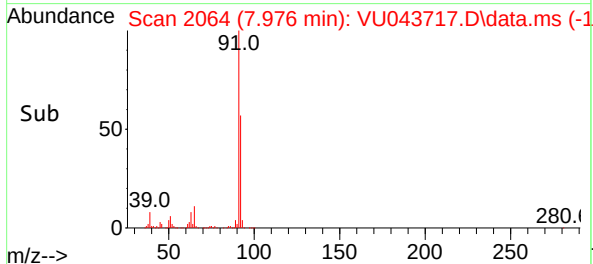
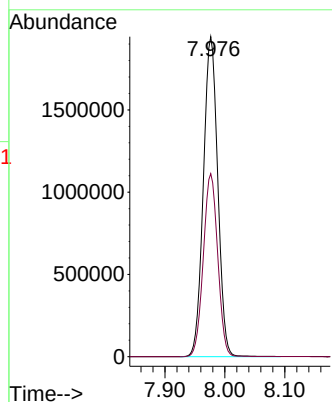
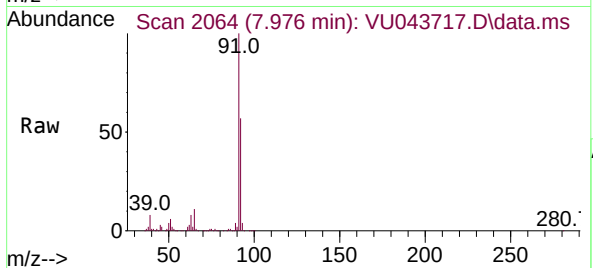
Delta R.T. 0.000 min

Lab File: VU043717.D

Acq: 13 May 2021 22:08

Tgt Ion: 91 Resp: 3249886

Ion	Ratio	Lower	Upper
91	100		
92	57.2	39.7	73.7



#44

trans-1,3-Dichloropropene

Concen: 186.89 ug/L

RT: 8.218 min Scan# 2139

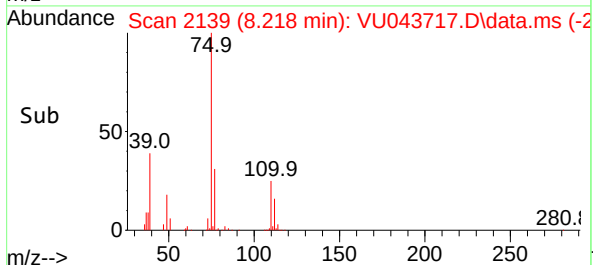
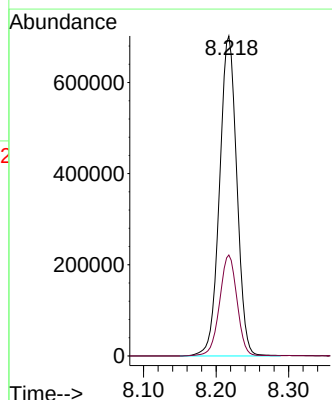
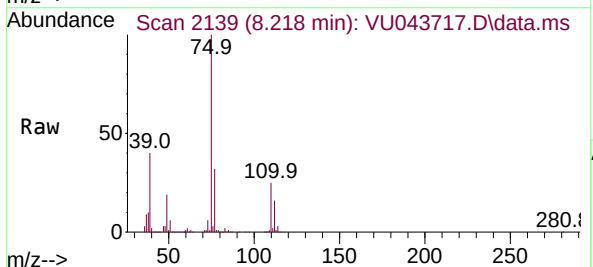
Delta R.T. 0.003 min

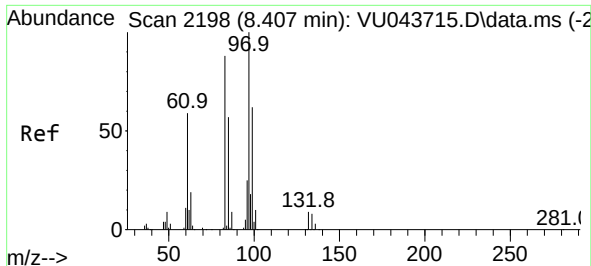
Lab File: VU043717.D

Acq: 13 May 2021 22:08

Tgt Ion: 75 Resp: 1162373

Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.4	41.6

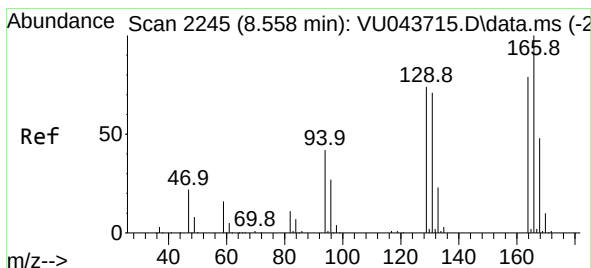
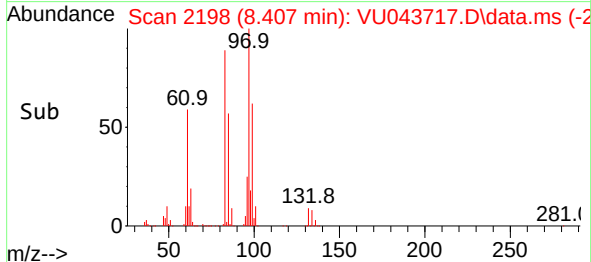
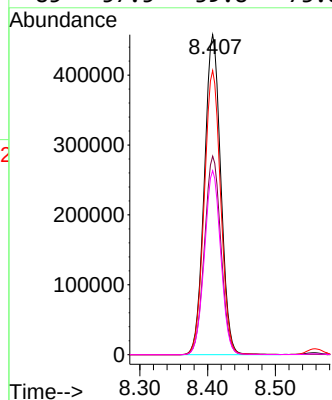
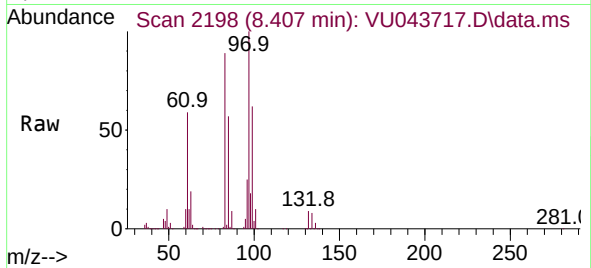




#45
1,1,2-Trichloroethane
Concen: 198.08 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

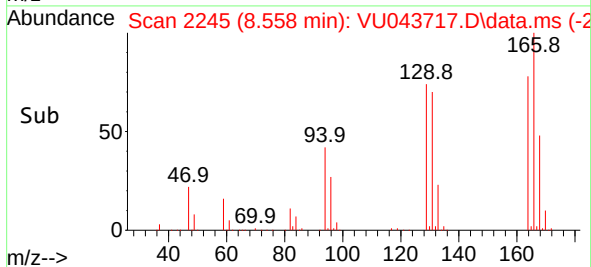
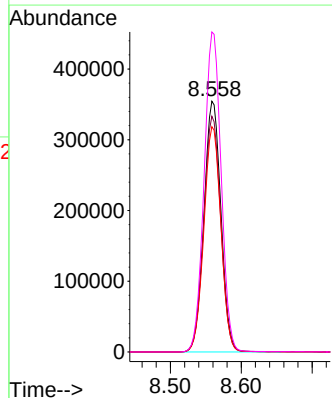
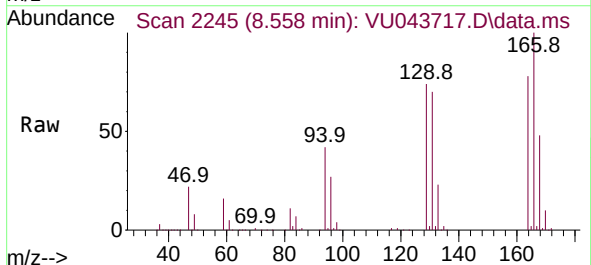
Instrument :
MSVOA_U
ClientSampleId :

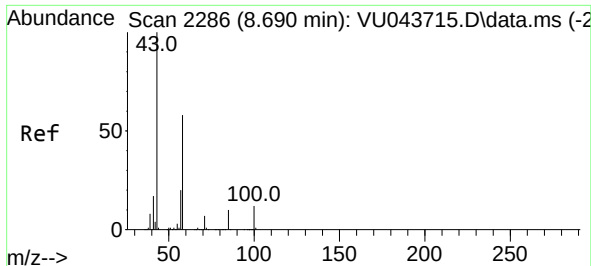
Tgt Ion:	97	Resp:	770542
Ion	Ratio	Lower	Upper
97	100		
99	62.0	43.2	80.2
83	88.8	61.7	114.5
85	57.5	39.8	73.8



#46
Tetrachloroethene
Concen: 187.22 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

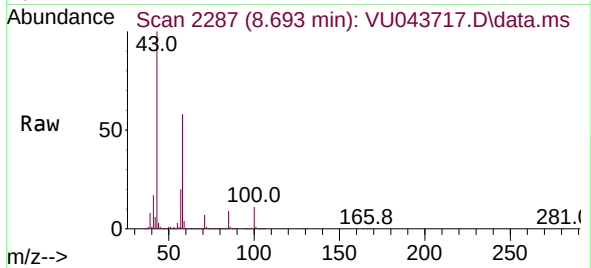
Tgt Ion:	164	Resp:	590671
Ion	Ratio	Lower	Upper
164	100		
129	94.0	65.5	121.6
131	89.8	63.0	117.0
166	127.6	88.6	164.6





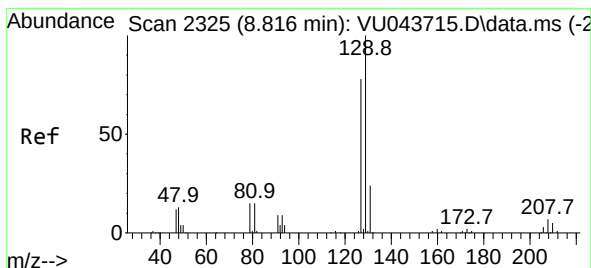
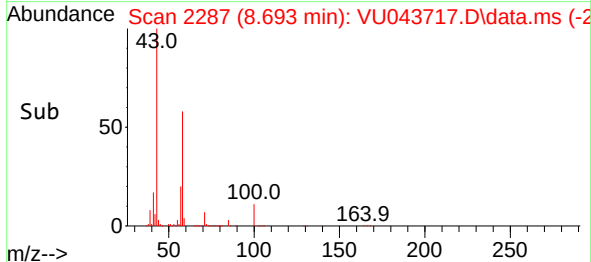
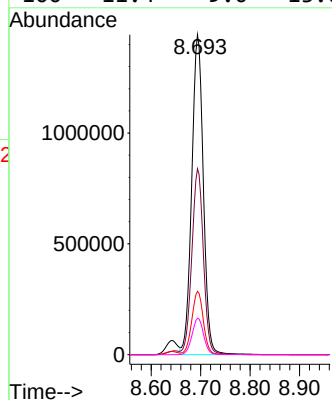
#48
2-Hexanone
Concen: 340.07 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 2351442

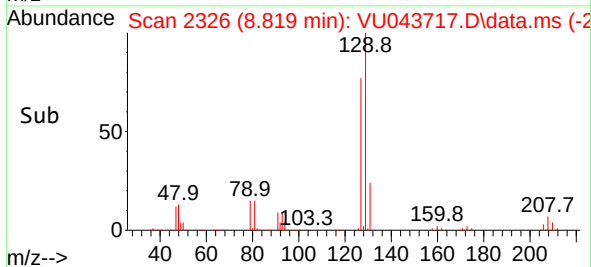
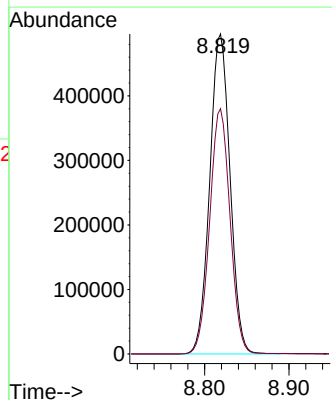
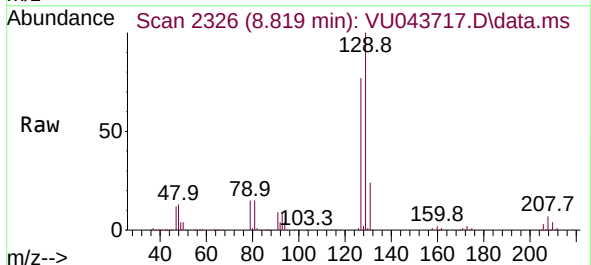
Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.2	69.2
57	19.7	15.9	23.9
100	11.4	9.0	13.6

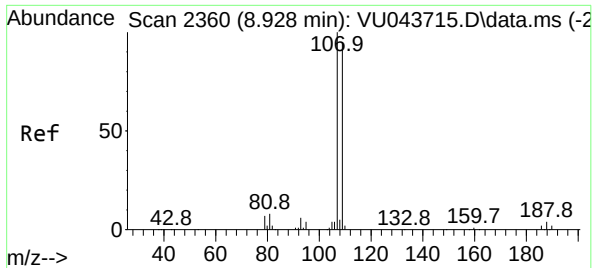


#49
Dibromochloromethane
Concen: 187.25 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 129 Resp: 831672

Ion	Ratio	Lower	Upper
129	100		
127	76.7	54.5	101.1

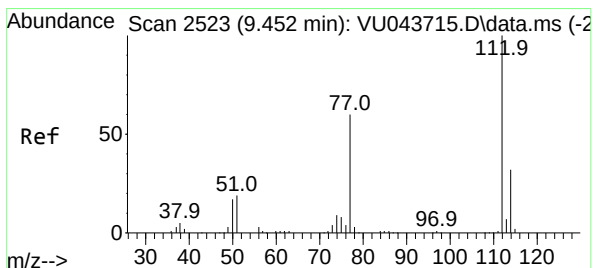
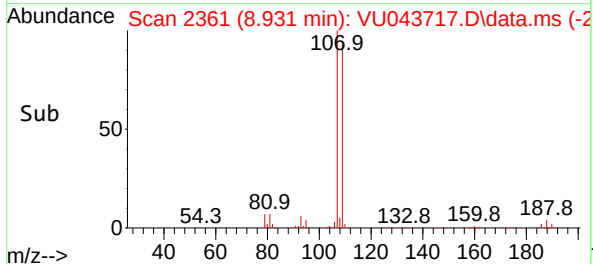
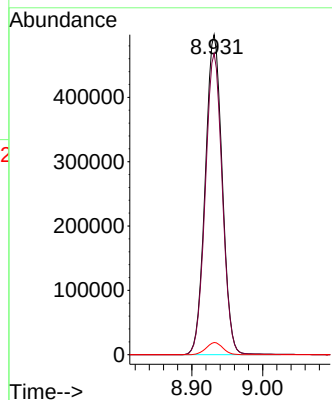
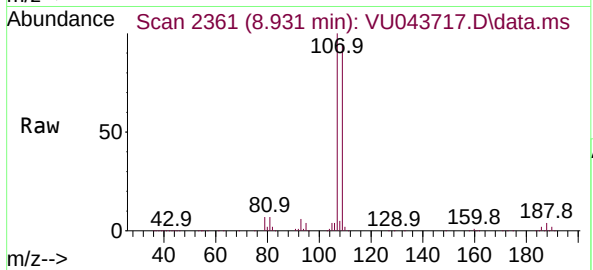




#50
1,2-Dibromoethane
Concen: 191.22 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

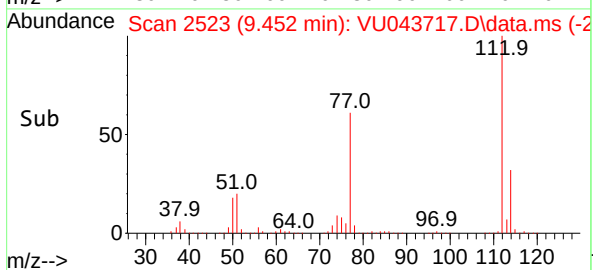
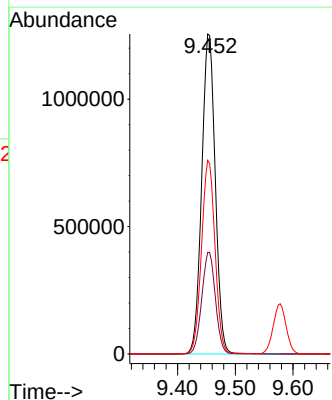
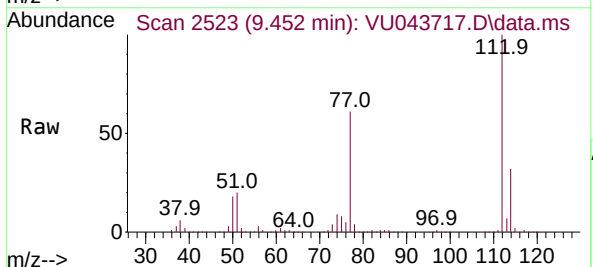
Instrument :
MSVOA_U
ClientSampleId :

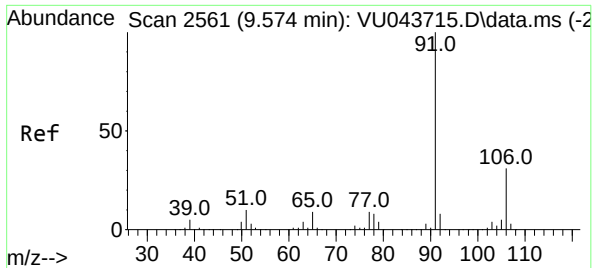
Tgt Ion:107 Resp: 827733
Ion Ratio Lower Upper
107 100
109 94.1 66.5 123.5
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 199.51 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:112 Resp: 2040905
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 60.5 48.5 72.7

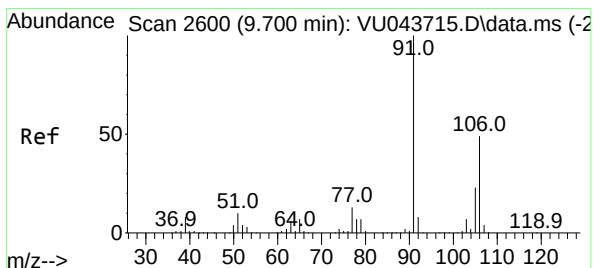
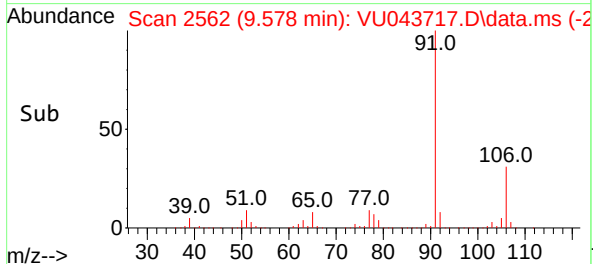
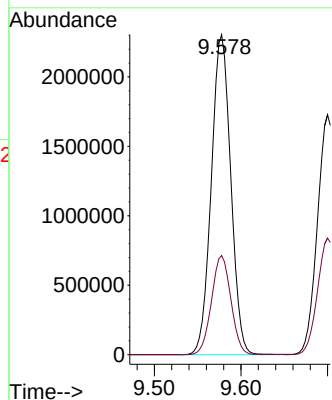
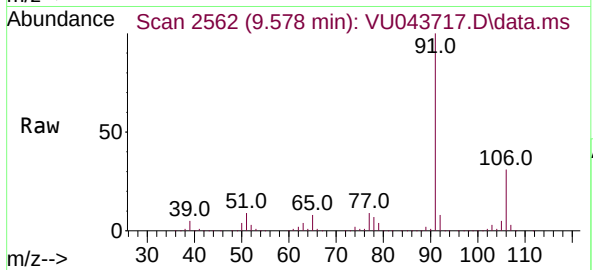




#52
Ethylbenzene
Concen: 199.11 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

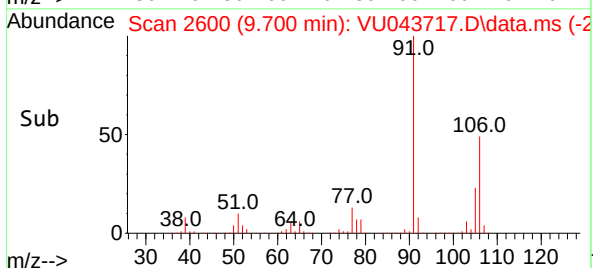
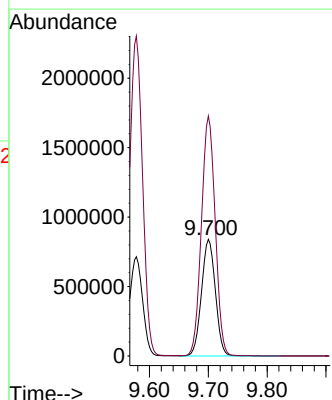
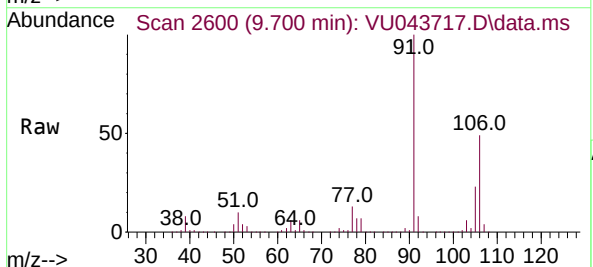
Instrument :
MSVOA_U
ClientSampleId :

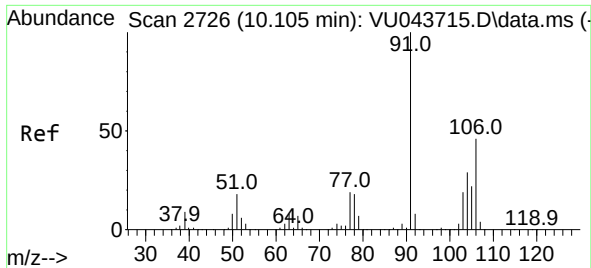
Tgt Ion: 91 Resp: 3589900
Ion Ratio Lower Upper
91 100
106 31.0 21.6 40.2



#53
m,p-Xylene
Concen: 204.89 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 106 Resp: 1373162
Ion Ratio Lower Upper
106 100
91 205.7 142.9 265.5

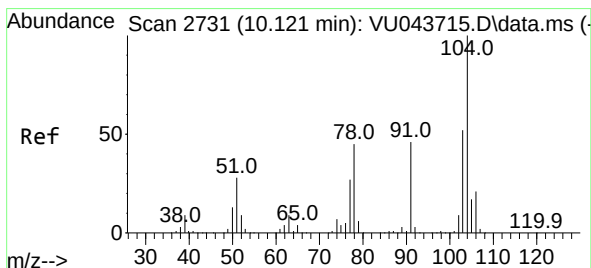
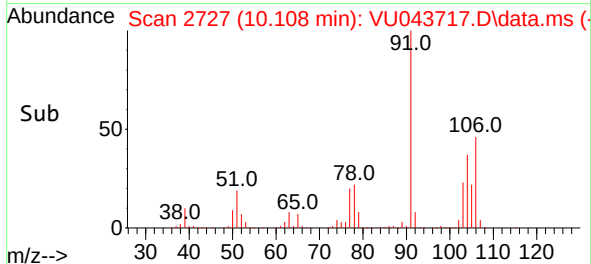
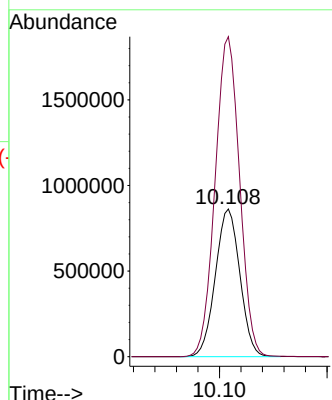
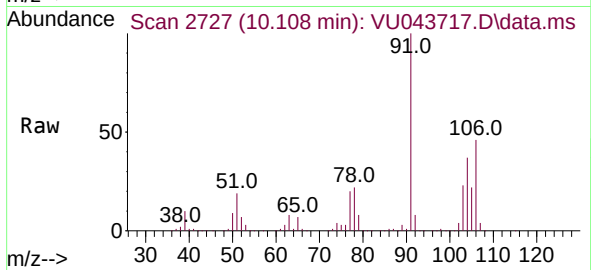




#54
o-xylene
Concen: 206.31 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

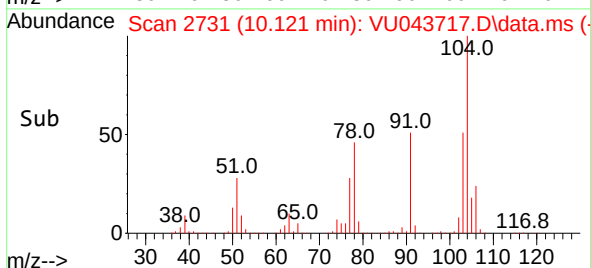
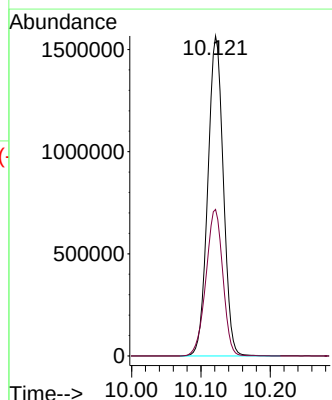
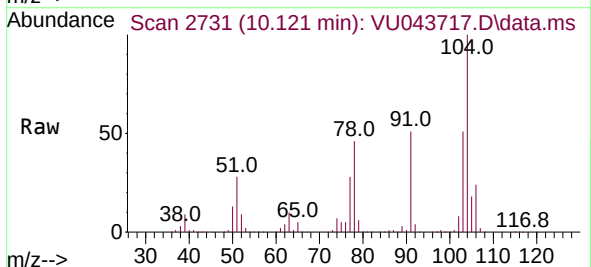
Instrument :
MSVOA_U
ClientSampled :

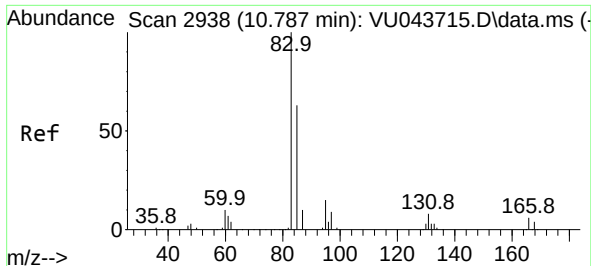
Tgt Ion:106 Resp: 1365406
Ion Ratio Lower Upper
106 100
91 216.7 151.6 281.6



#55
Styrene
Concen: 214.19 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:104 Resp: 2422941
Ion Ratio Lower Upper
104 100
78 45.8 31.8 59.0

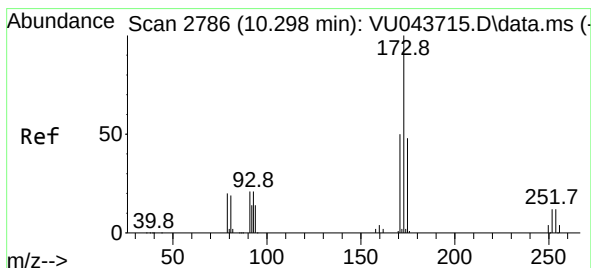
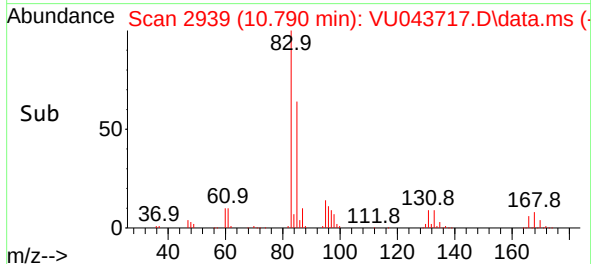
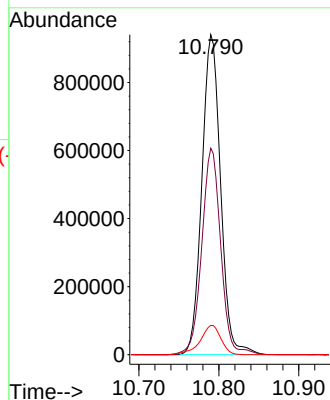
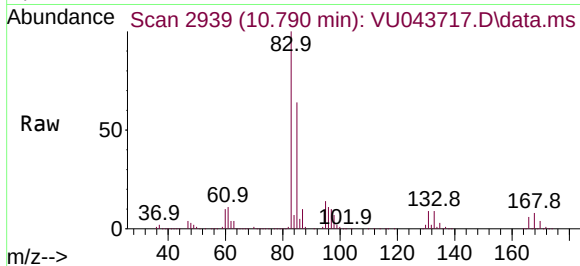




#57
1,1,2,2-Tetrachloroethane
Concen: 206.16 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

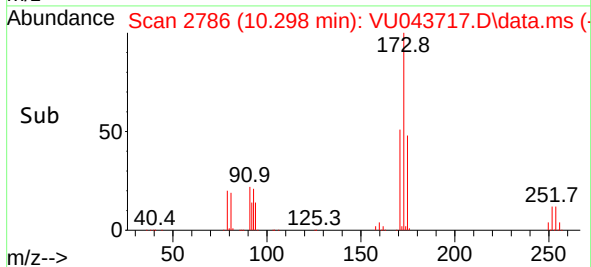
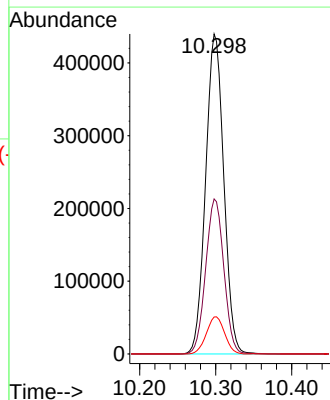
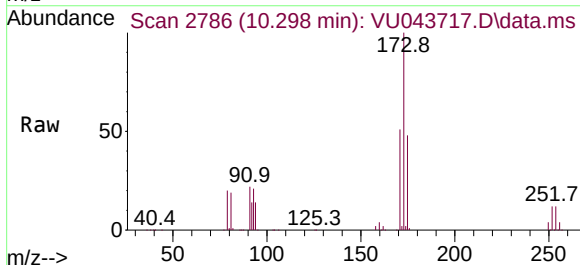
Instrument :
MSVOA_U
ClientSampleId :

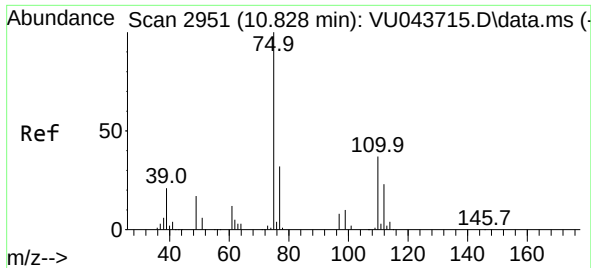
Tgt Ion: 83 Resp: 1532720
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
131 9.2 7.4 11.2



#59
Bromoform
Concen: 181.86 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:173 Resp: 728700
Ion Ratio Lower Upper
173 100
175 48.5 38.6 57.8
254 11.7 6.8 10.2#

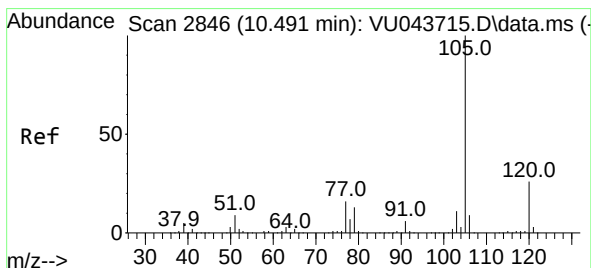
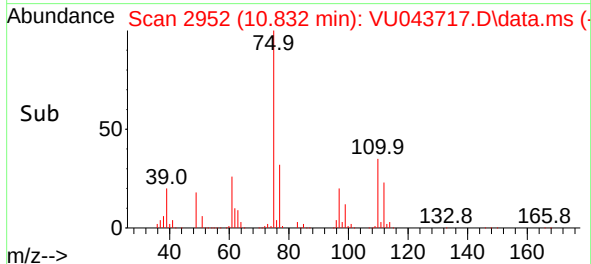
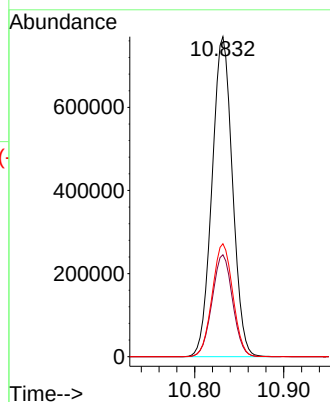
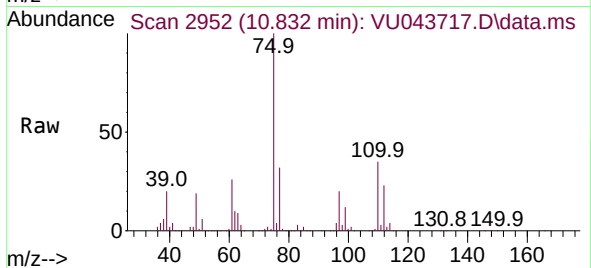




#60
1,2,3-Trichloropropane
Concen: 179.10 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

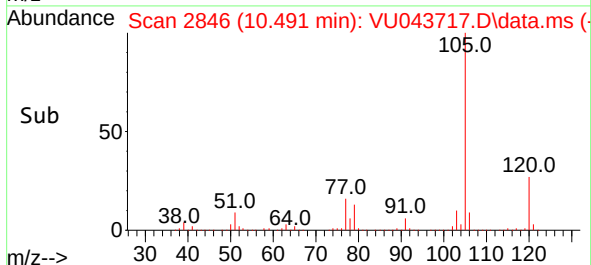
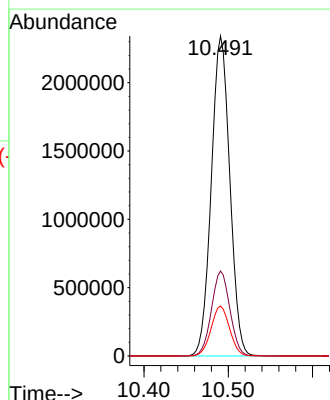
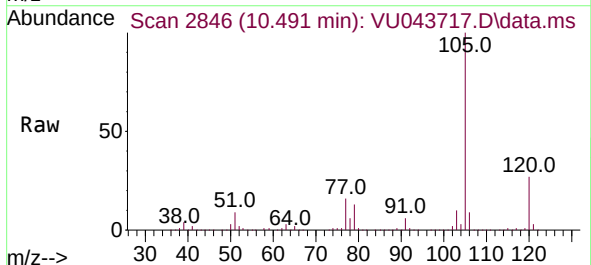
Instrument :
MSVOA_U
ClientSampleId :

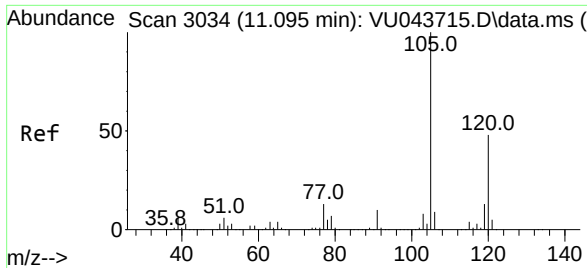
Tgt Ion: 75 Resp: 1225598
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 35.6 28.9 43.3



#61
Isopropylbenzene
Concen: 182.09 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion: 105 Resp: 3572657
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.4
77 15.6 12.5 18.7

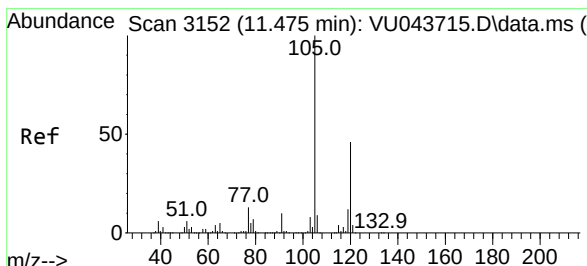
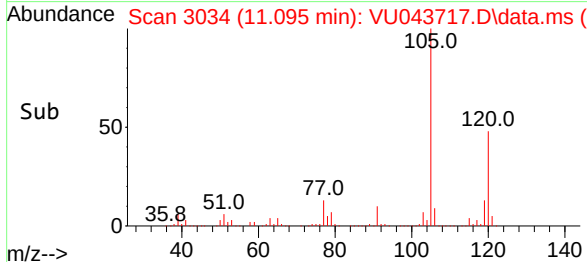
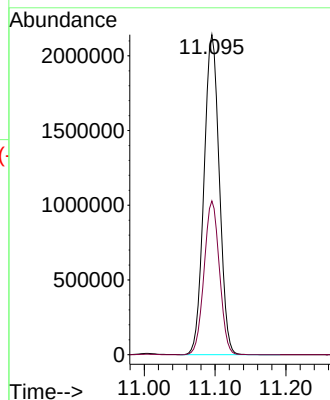
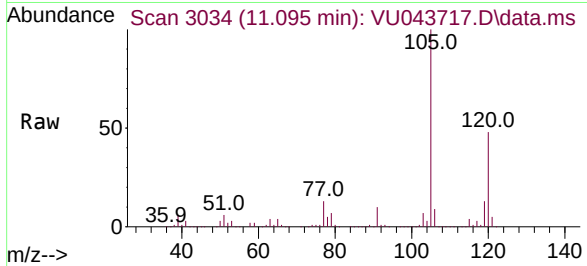




#62
1,3,5-Trimethylbenzene
Concen: 191.84 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

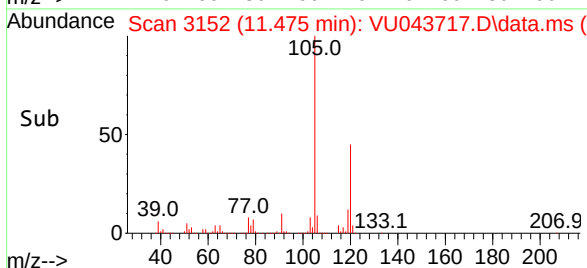
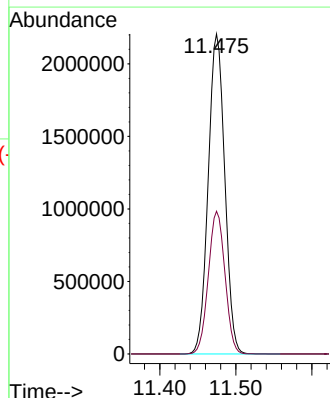
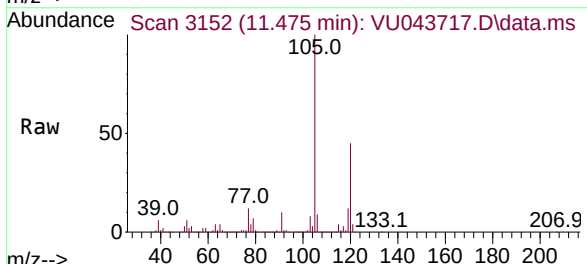
Instrument :
MSVOA_U
ClientSampled :

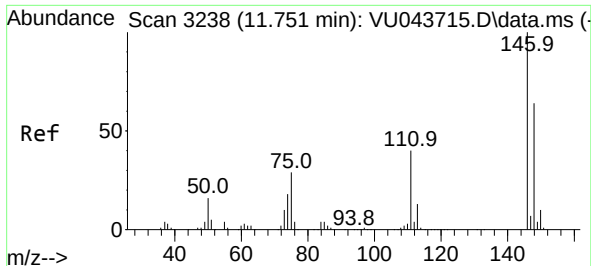
Tgt Ion:105 Resp: 3214732
Ion Ratio Lower Upper
105 100
120 48.1 38.7 58.1



#63
1,2,4-Trimethylbenzene
Concen: 191.98 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:105 Resp: 3325982
Ion Ratio Lower Upper
105 100
120 44.9 36.2 54.2

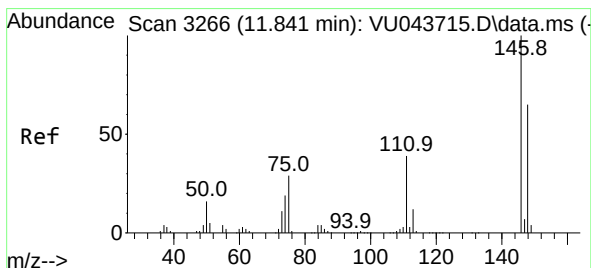
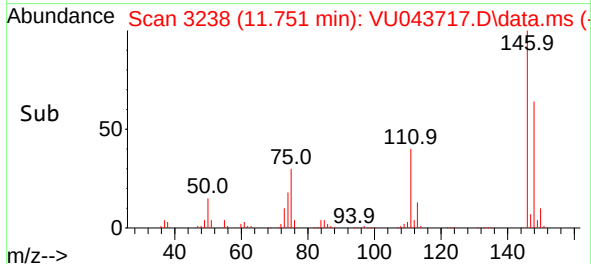
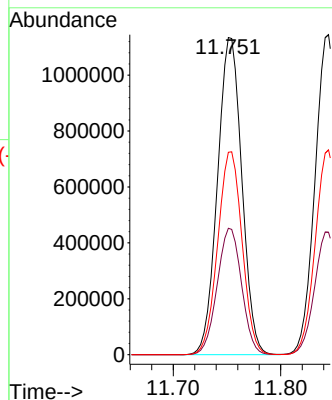
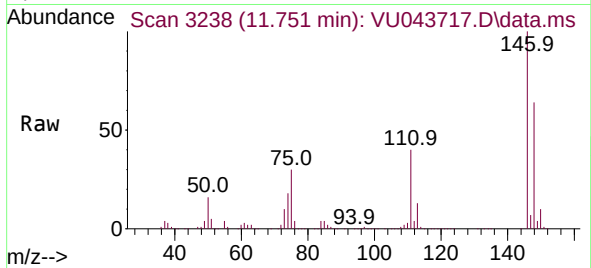




#64
1,3-Dichlorobenzene
Concen: 186.95 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

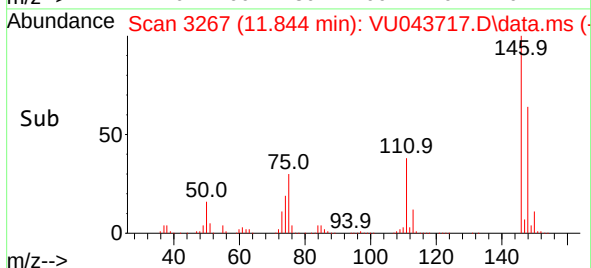
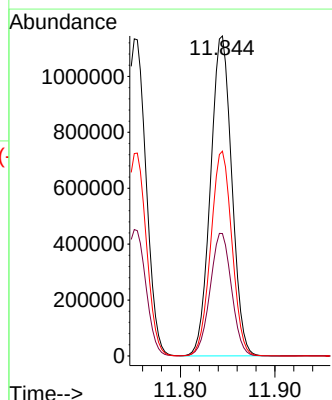
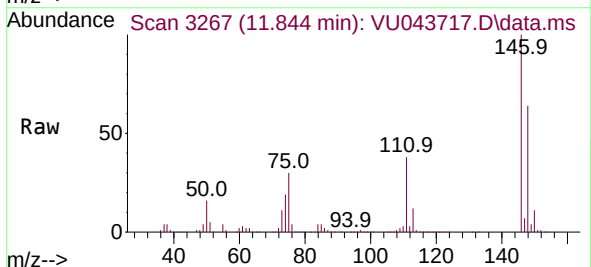
Instrument :
MSVOA_U
ClientSampleId :

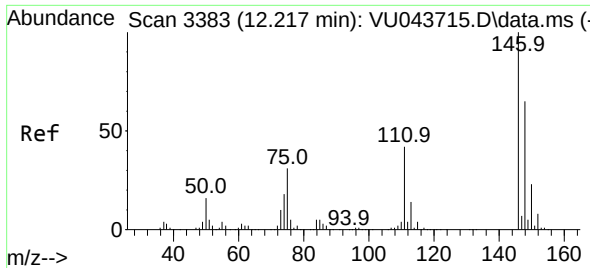
Tgt Ion:146 Resp: 1785535
Ion Ratio Lower Upper
146 100
111 39.9 27.8 51.6
148 63.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 184.38 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:146 Resp: 1789289
Ion Ratio Lower Upper
146 100
111 38.2 27.1 50.3
148 64.0 45.4 84.4

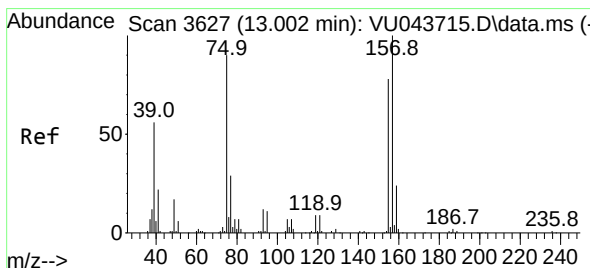
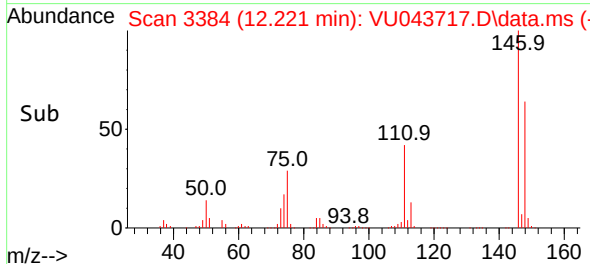
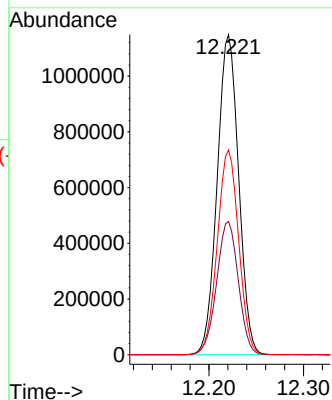
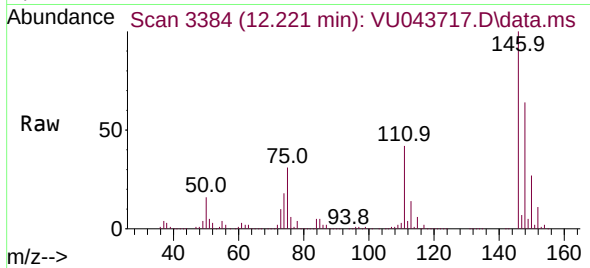




#67
1,2-Dichlorobenzene
Concen: 183.91 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

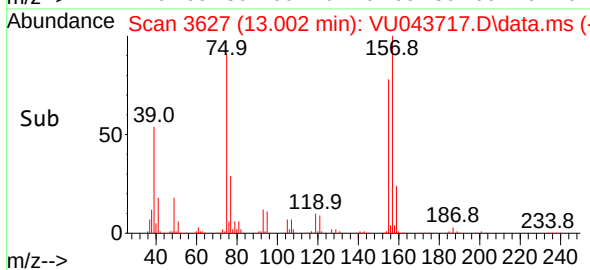
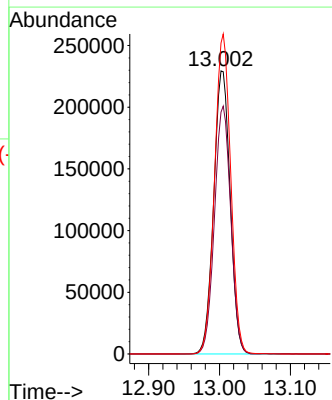
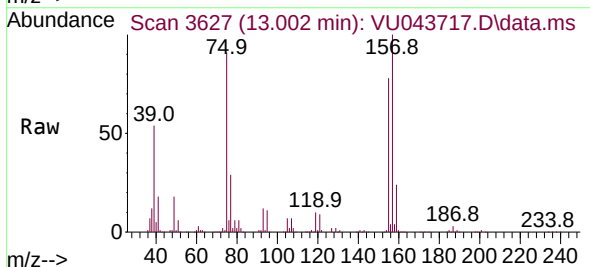
Instrument :
MSVOA_U
ClientSampleId :

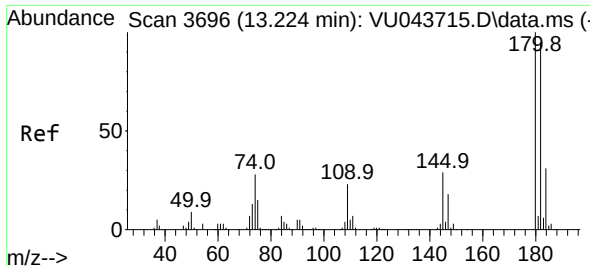
Tgt Ion:146 Resp: 1808286
Ion Ratio Lower Upper
146 100
111 41.7 33.5 50.3
148 64.0 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 162.74 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

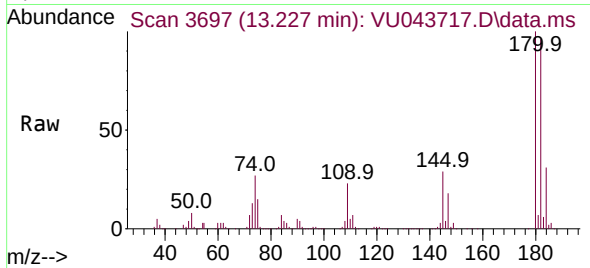
Tgt Ion: 75 Resp: 369886
Ion Ratio Lower Upper
75 100
155 85.5 72.5 108.7
157 109.8 92.3 138.5



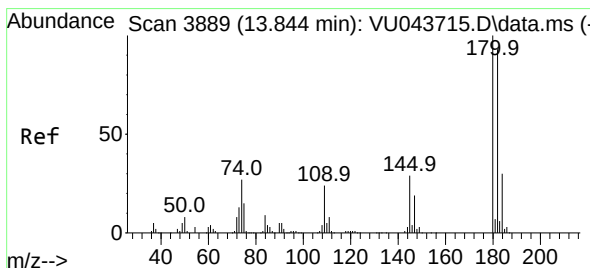
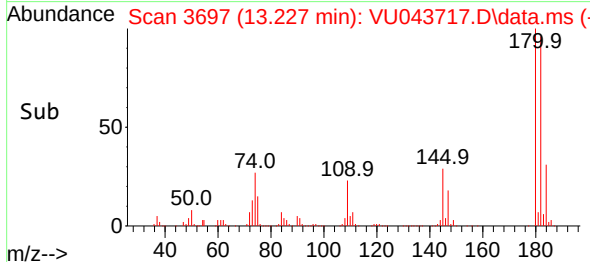
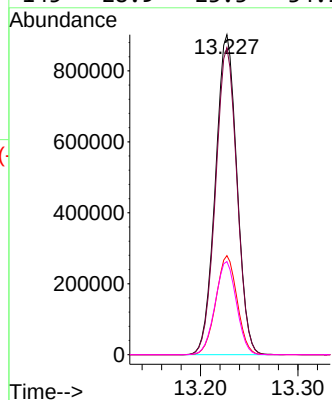


#69
 1,3,5-Trichlorobenzene
 Concen: 183.65 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

Instrument :
 MSVOA_U
 ClientSampleId :

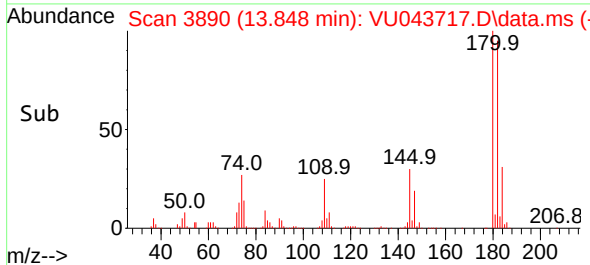
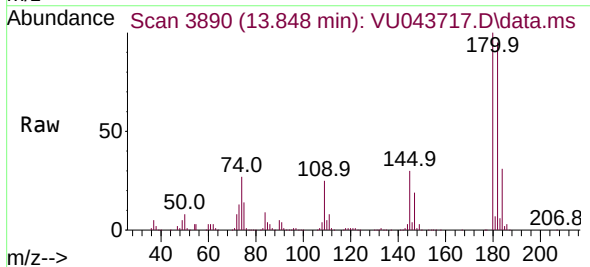
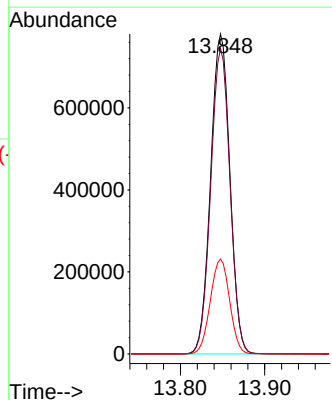


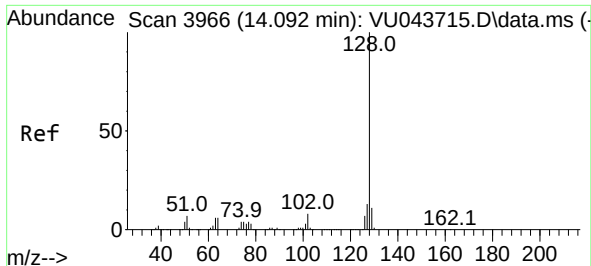
Tgt Ion:180 Resp: 1381931
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.4 114.6
 184 30.6 25.0 37.4
 145 28.9 23.3 34.9



#70
 1,2,4-trichlorobenzene
 Concen: 192.93 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU043717.D
 Acq: 13 May 2021 22:08

Tgt Ion:180 Resp: 1242868
 Ion Ratio Lower Upper
 180 100
 182 95.1 75.9 113.9
 145 29.7 23.4 35.0

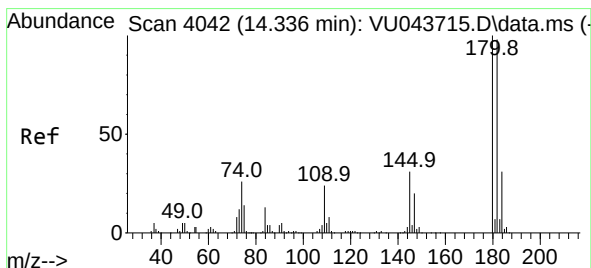
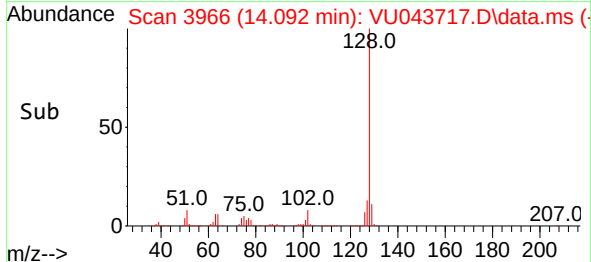
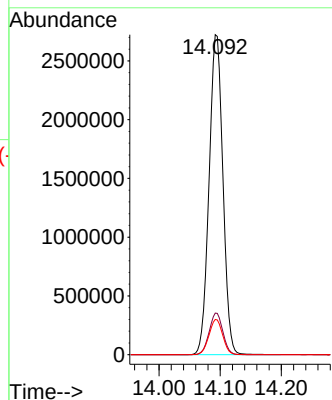
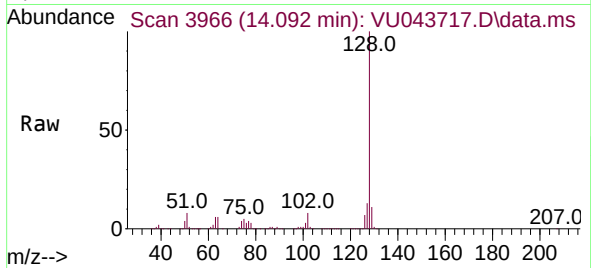




#71
Naphthalene
Concen: 210.22 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 4276664
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 187.70 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU043717.D
Acq: 13 May 2021 22:08

Tgt Ion:180 Resp: 1240160
Ion Ratio Lower Upper
180 100
182 95.7 76.9 115.3
145 31.3 24.9 37.3

