

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043716.D
 Acq On : 13 May 2021 21:45
 Operator : SY/MD
 Sample : VSTD10033
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 04:06:40 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	503506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	486000	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	272834	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	404796	102.13	ug/L	0.00
7) Chloroethane-d5	1.903	69	290809	100.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	63	693843	89.32	ug/L	0.00
21) 2-Butanone-d5	4.626	46	661105	164.99	ug/L	0.00
24) Chloroform-d	5.070	84	687263	90.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	419278	76.75	ug/L	0.00
32) Benzene-d6	5.735	84	1429491	102.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	463159	99.61	ug/L	0.00
41) Toluene-d8	7.906	98	1316806	97.06	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	210010	89.52	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	487443	183.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	716295	97.33	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.201	152	530395	91.91	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	396050	99.64	ug/L	99
3) Chloromethane	1.523	50	468387	110.39	ug/L	100
5) Vinyl chloride	1.607	62	471188	113.78	ug/L	99
6) Bromomethane	1.838	94	257231	105.79	ug/L	98
8) Chloroethane	1.925	64	264666	104.21	ug/L	99
9) Trichlorofluoromethane	2.137	101	531978	83.04	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	345345	95.73	ug/L	99
12) 1,1-Dichloroethene	2.584	96	343374	104.56	ug/L	96
13) Acetone	2.629	43	425756	134.13	ug/L	98
14) Carbon disulfide	2.797	76	1088654	105.77	ug/L	100
15) Methyl Acetate	2.951	43	490005	84.86	ug/L	100
16) Methylene chloride	3.051	84	421979	108.17	ug/L	100
17) trans-1,2-Dichloroethene	3.359	96	360458	103.26	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	1128495	95.20	ug/L	100
19) 1,1-Dichloroethane	3.877	63	692159	96.98	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	406749	104.80	ug/L	97
22) 2-Butanone	4.706	43	729878	155.03	ug/L	99
23) Bromochloromethane	4.983	128	213264	103.51	ug/L	96
25) Chloroform	5.095	83	679596	92.61	ug/L	100
27) 1,2-Dichloroethane	5.800	62	519039	79.95	ug/L	99
29) Cyclohexane	5.394	56	663862	104.39	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	563524	87.91	ug/L	100
31) Carbon tetrachloride	5.533	117	470177	84.36	ug/L	100
33) Benzene	5.780	78	1576486	103.17	ug/L	100
34) Trichloroethene	6.549	95	385343	99.17	ug/L	98
35) Methylcyclohexane	6.771	83	643197	105.91	ug/L	99
37) 1,2-Dichloropropane	6.800	63	424735	101.07	ug/L	100
38) Bromodichloromethane	7.111	83	507208	92.02	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	620243	100.10	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1375457	165.14	ug/L	100
42) Toluene	7.976	91	1691197	101.84	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	588157	93.99	ug/L	99

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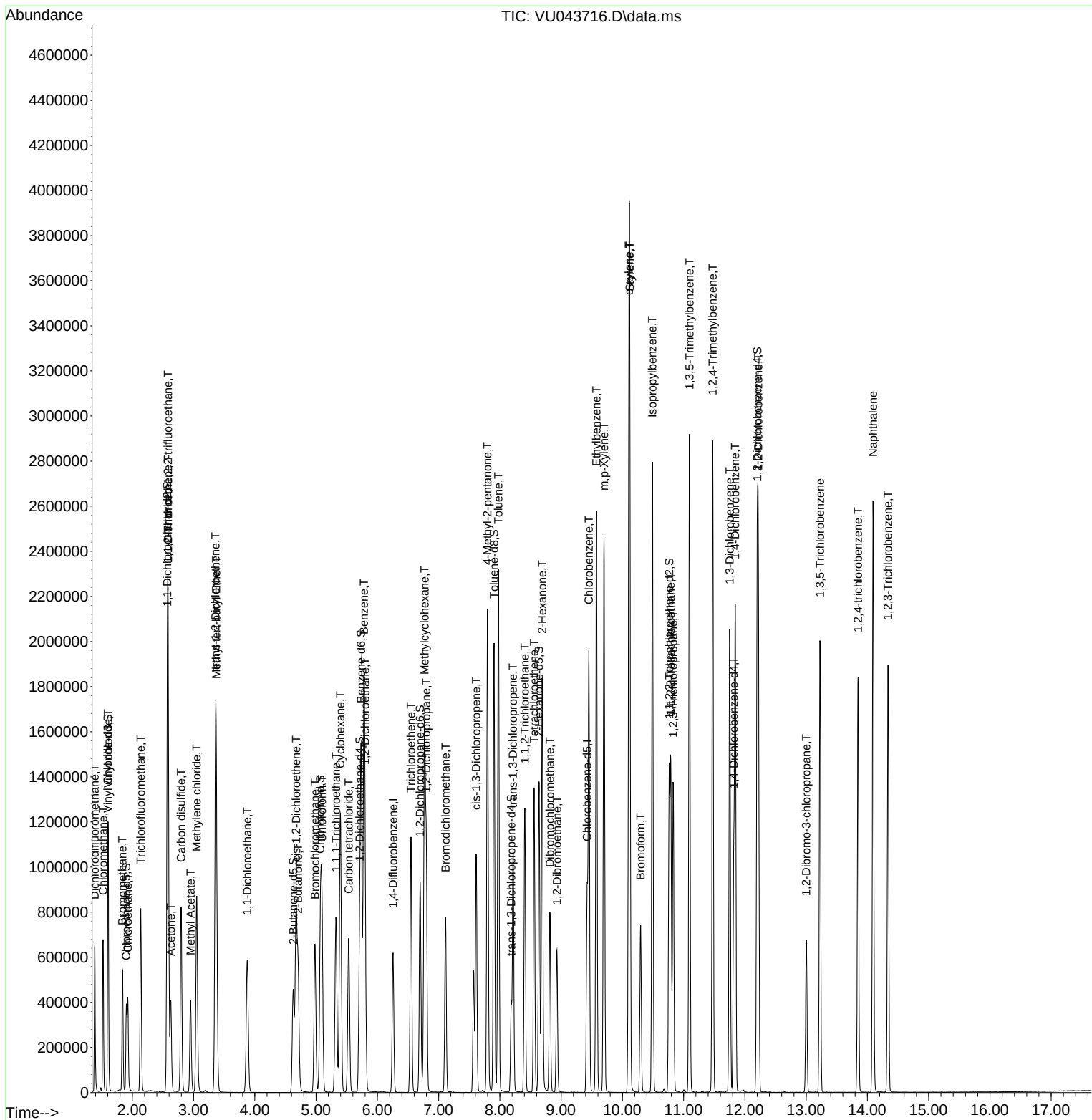
Instrument :
 MSVOA_U
 ClientSampleId :

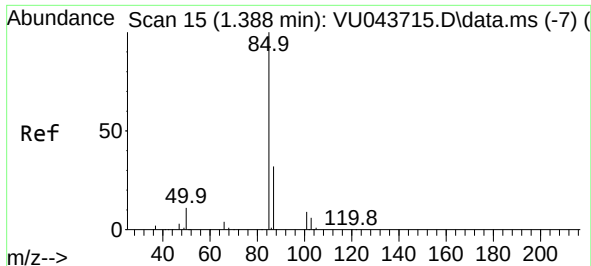
Quant Time: May 14 04:06:40 2021
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 QLast Update : Fri May 14 04:05:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.407	97	394198	100.71	ug/L	99
46) Tetrachloroethene	8.558	164	307039	96.72	ug/L	99
48) 2-Hexanone	8.690	43	1128387	162.19	ug/L	99
49) Dibromochloromethane	8.816	129	413859	92.61	ug/L	99
50) 1,2-Dibromoethane	8.931	107	420156	96.47	ug/L	98
51) Chlorobenzene	9.452	112	1024326	99.52	ug/L	99
52) Ethylbenzene	9.578	91	1806500	99.58	ug/L	99
53) m,p-Xylene	9.700	106	687693	101.98	ug/L	99
54) o-xylene	10.105	106	679857	102.09	ug/L	98
55) Styrene	10.121	104	1177291	103.43	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	732058	97.86	ug/L	99
59) Bromoform	10.298	173	339532	89.86	ug/L #	99
60) 1,2,3-Trichloropropane	10.828	75	589799	91.39	ug/L	99
61) Isopropylbenzene	10.491	105	1766102	95.45	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	1543953	97.70	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	1574224	96.36	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	845128	93.83	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	848447	92.71	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	868718	93.69	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.002	75	170066	79.34	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	644832	90.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	568549	93.58	ug/L	99
71) Naphthalene	14.092	128	2021034	105.34	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	592648	95.11	ug/L	99

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

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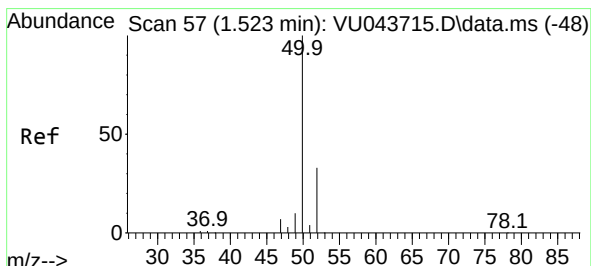
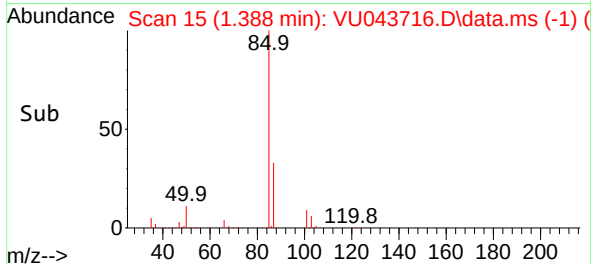
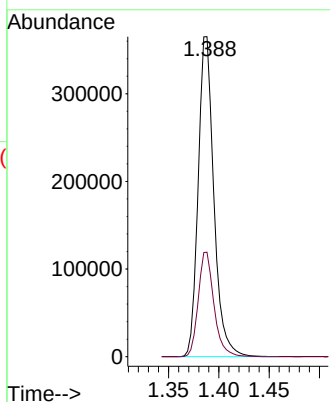
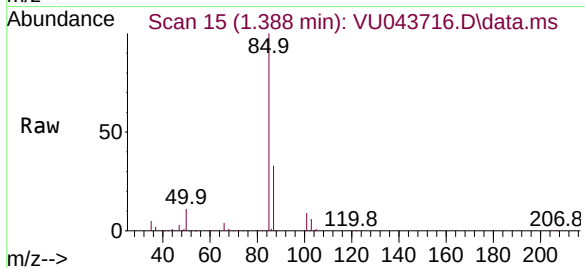




#2
Dichlorodifluoromethane
Concen: 99.64 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

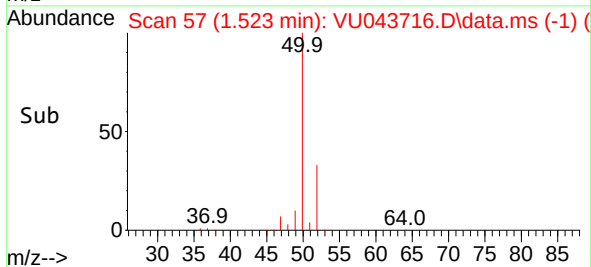
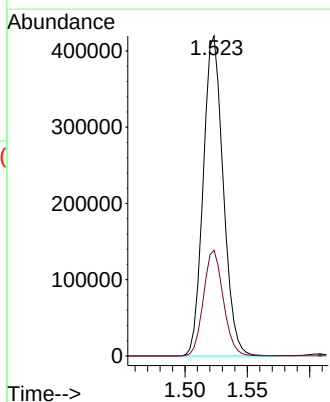
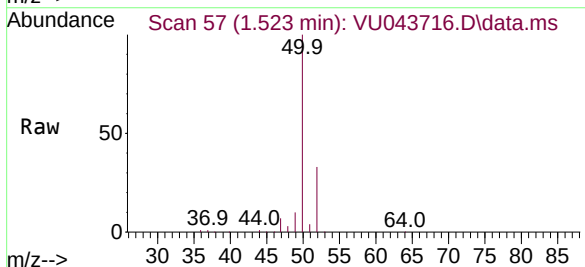
Instrument :
MSVOA_U
ClientSampleId :

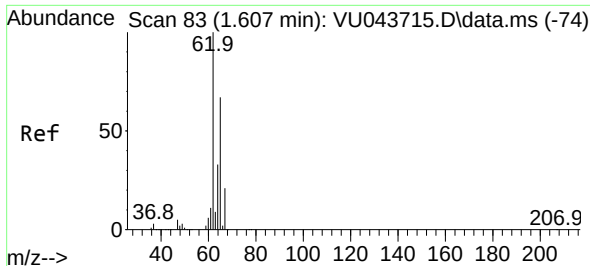
Tgt Ion: 85 Resp: 396050
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 110.39 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 50 Resp: 468387
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

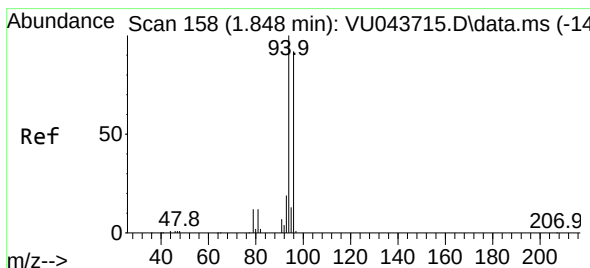
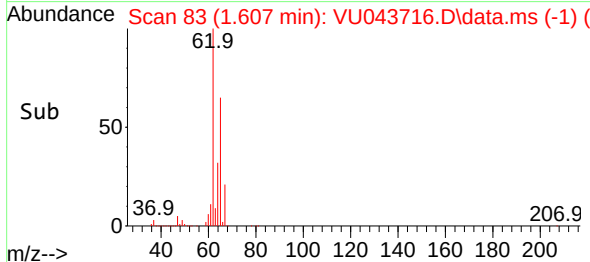
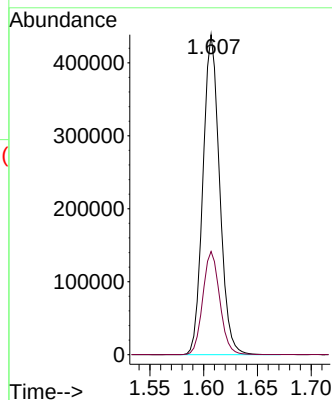
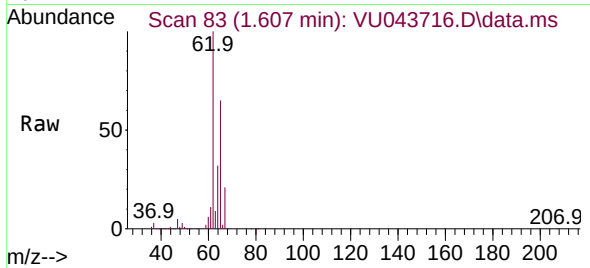




#5
 Vinyl chloride
 Concen: 113.78 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

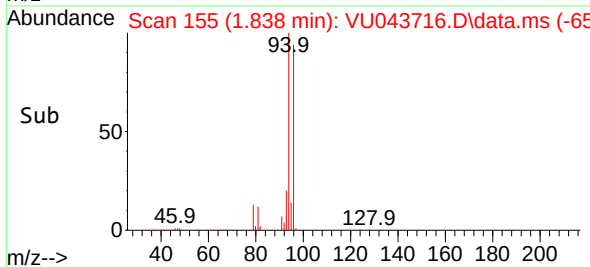
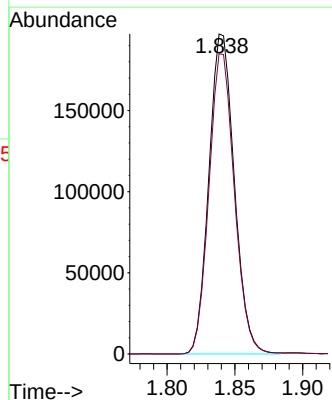
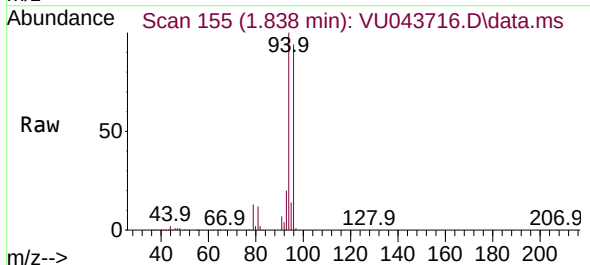
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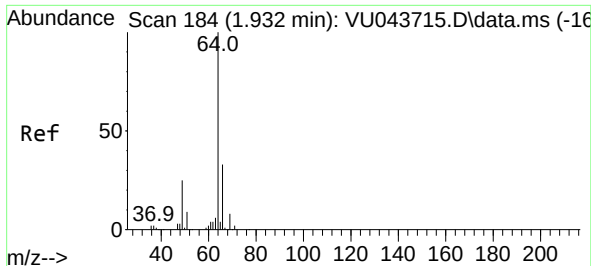
Tgt Ion: 62 Resp: 471188
 Ion Ratio Lower Upper
 62 100
 64 32.3 22.9 42.5



#6
 Bromomethane
 Concen: 105.79 ug/L
 RT: 1.838 min Scan# 155
 Delta R.T. -0.010 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

Tgt Ion: 94 Resp: 257231
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.2 119.2

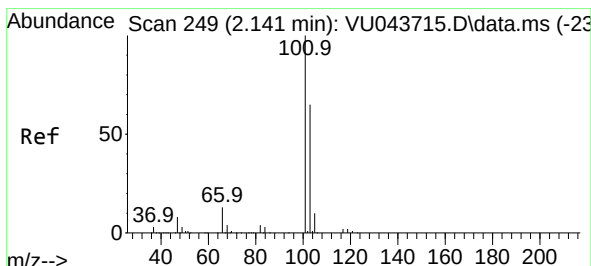
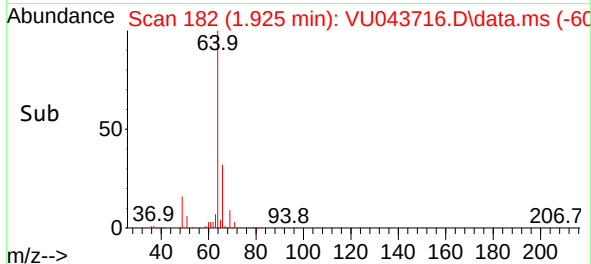
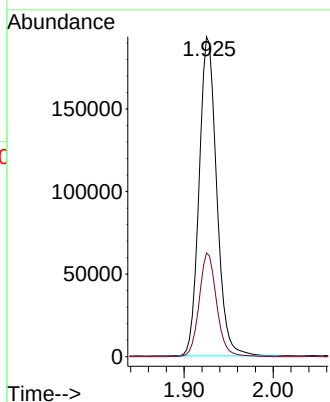
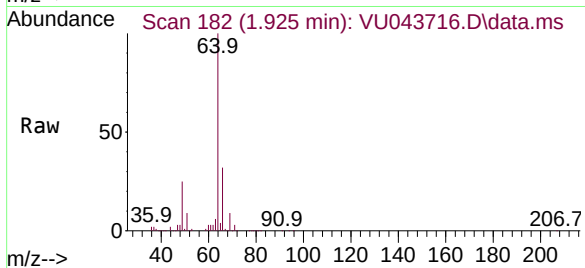




#8
Chloroethane
Concen: 104.21 ug/L
RT: 1.925 min Scan# 182
Delta R.T. -0.007 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

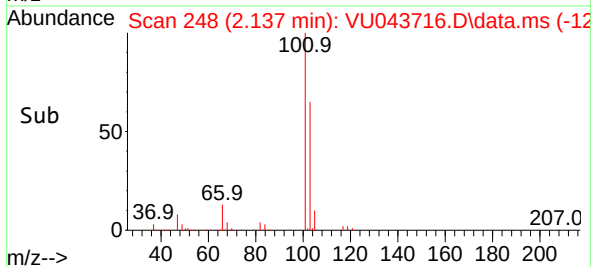
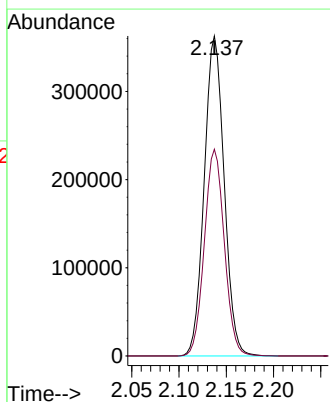
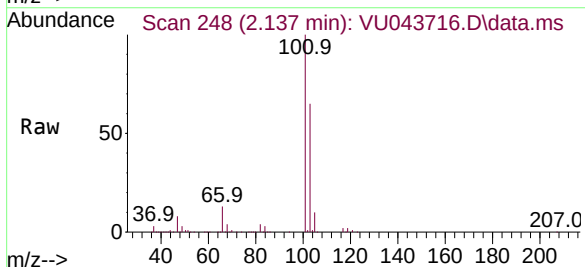
Instrument :
MSVOA_U
ClientSampled :

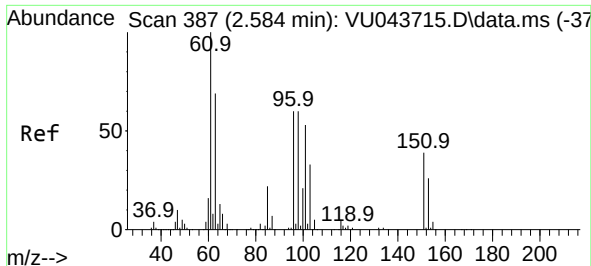
Tgt Ion: 64 Resp: 264666
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.2



#9
Trichlorofluoromethane
Concen: 83.04 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:101 Resp: 531978
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 95.73 ug/L

RT: 2.584 min Scan# 387

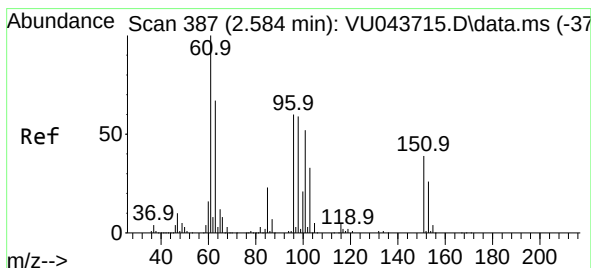
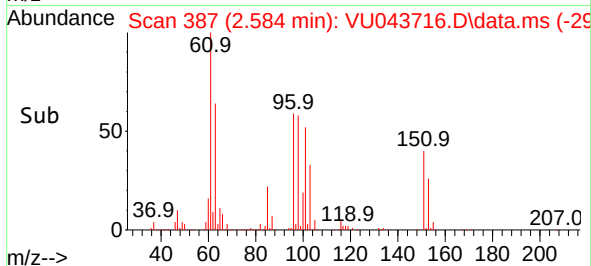
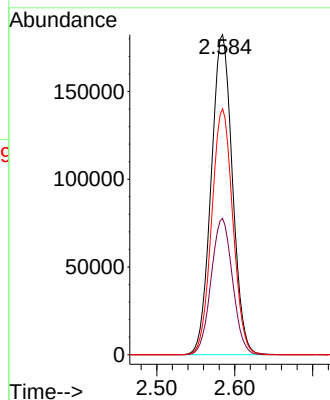
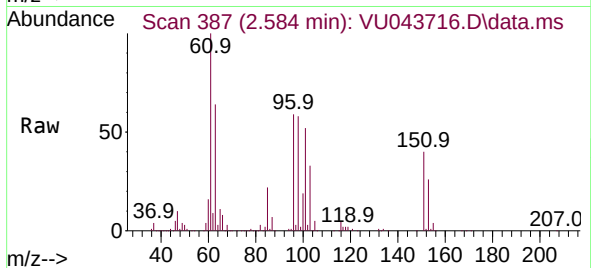
Delta R.T. -0.000 min

Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion:	101	Resp:	345345
Ion	Ratio	Lower	Upper
101	100		
85	42.9	34.2	51.4
151	76.7	60.4	90.6

Instrument :
MSVOA_U
ClientSampleId :



#12

1,1-Dichloroethene

Concen: 104.56 ug/L

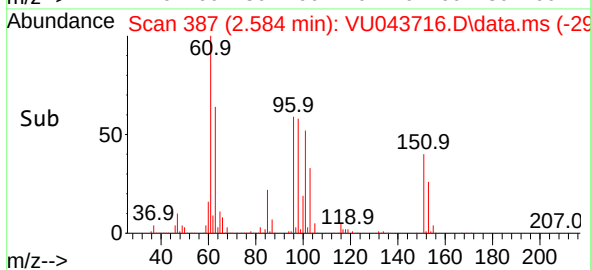
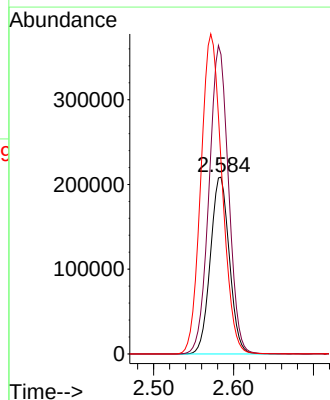
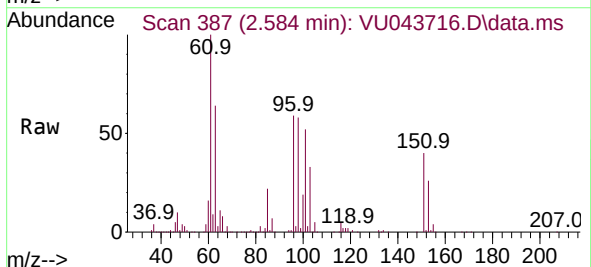
RT: 2.584 min Scan# 387

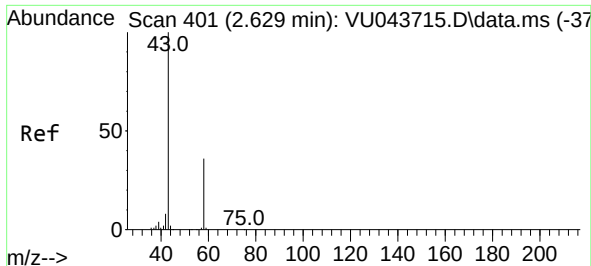
Delta R.T. -0.000 min

Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion:	96	Resp:	343374
Ion	Ratio	Lower	Upper
96	100		
61	169.4	116.3	215.9
63	109.0	80.8	150.2

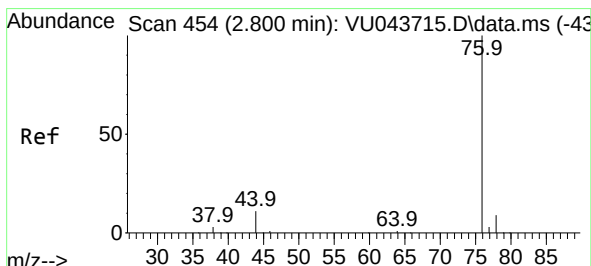
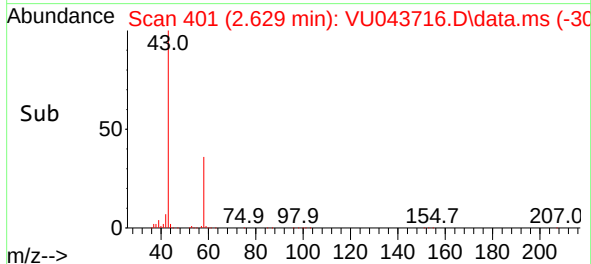
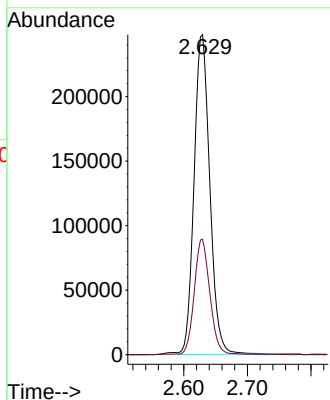
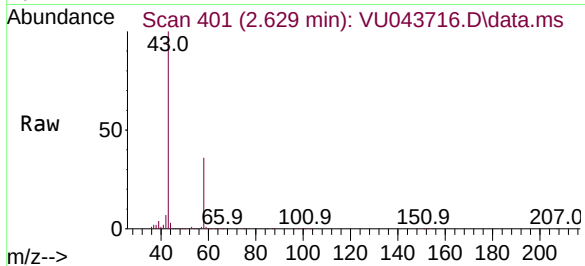




#13
Acetone
Concen: 134.13 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

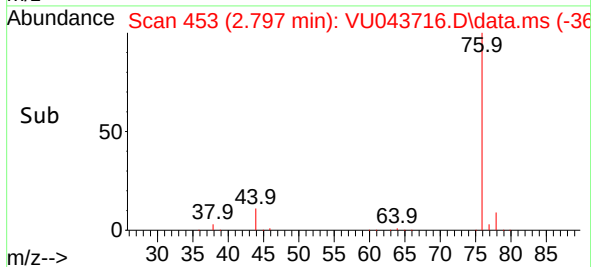
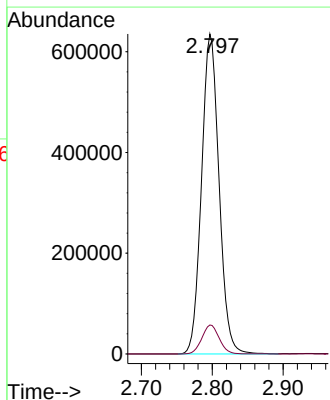
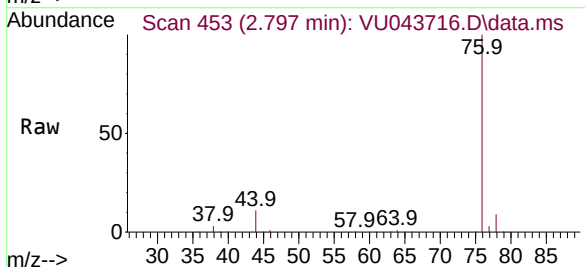
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MSVOA_U
ClientSampleId :

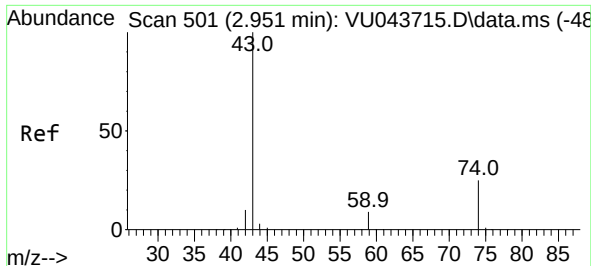
Tgt Ion: 43 Resp: 425756
Ion Ratio Lower Upper
43 100
58 35.6 0.0 69.4



#14
Carbon disulfide
Concen: 105.77 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.003 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 76 Resp: 1088654
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

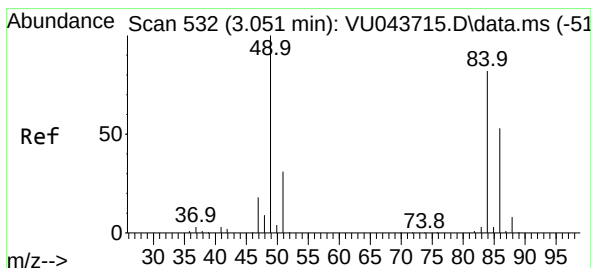
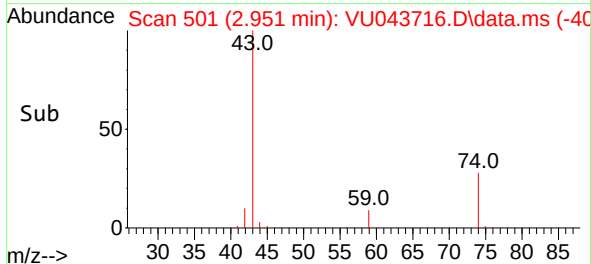
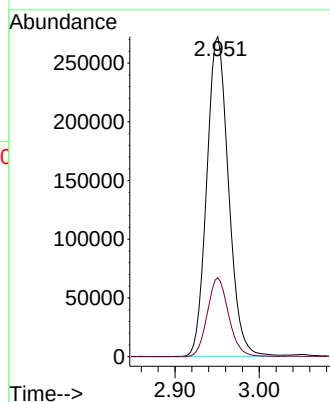
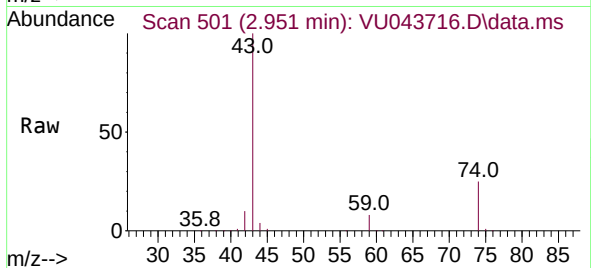




#15
Methyl Acetate
Concen: 84.86 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

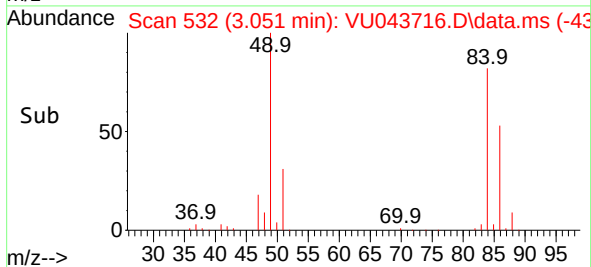
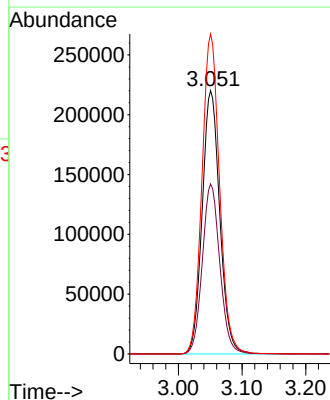
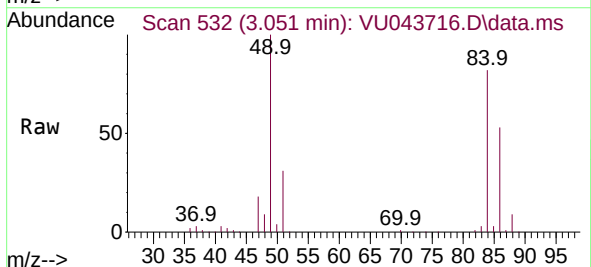
Instrument :
MSVOA_U
ClientSampleId :

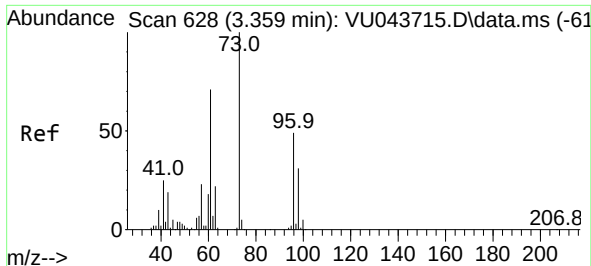
Tgt Ion: 43 Resp: 490005
Ion Ratio Lower Upper
43 100
74 24.2 19.3 28.9



#16
Methylene chloride
Concen: 108.17 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

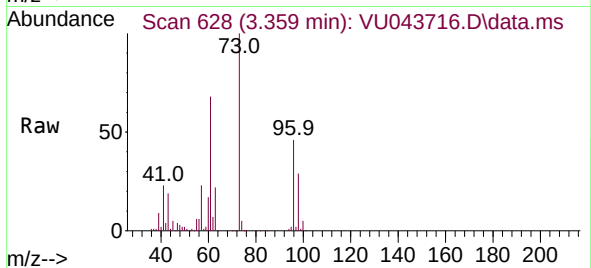
Tgt Ion: 84 Resp: 421979
Ion Ratio Lower Upper
84 100
86 64.6 44.9 83.5
49 121.5 84.9 157.7



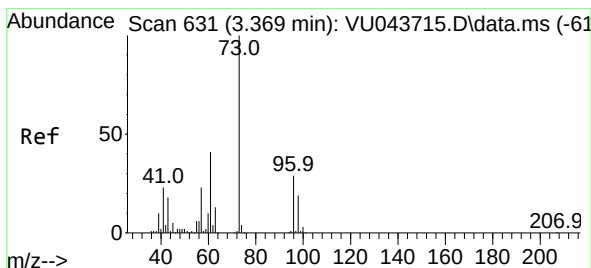
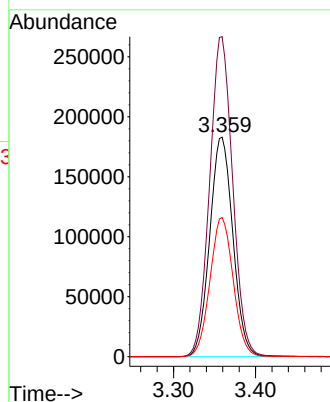
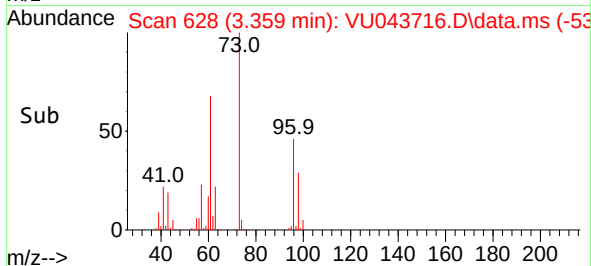


#17
trans-1,2-Dichloroethene
Concen: 103.26 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

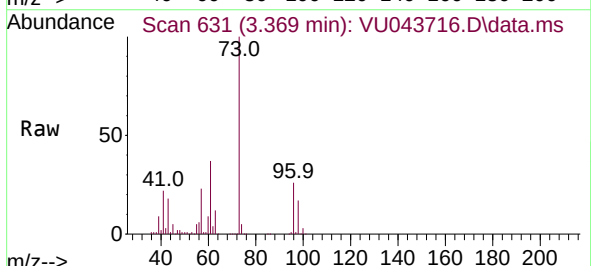
Instrument :
MSVOA_U
ClientSampleId :



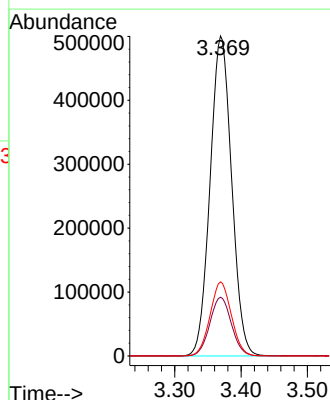
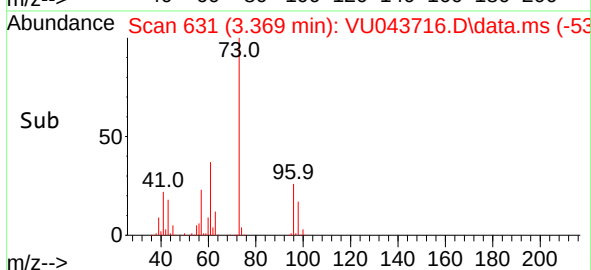
Tgt Ion: 96 Resp: 360458
Ion Ratio Lower Upper
96 100
61 145.8 101.5 188.5
98 63.4 44.9 83.5

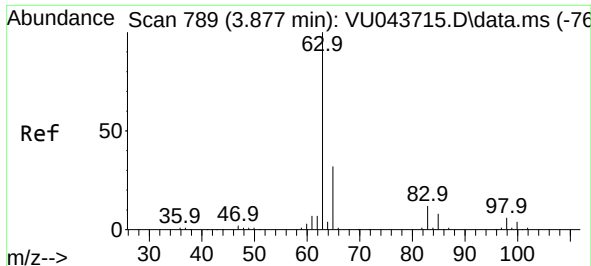


#18
Methyl tert-butyl Ether
Concen: 95.20 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45



Tgt Ion: 73 Resp: 1128495
Ion Ratio Lower Upper
73 100
43 18.4 14.6 22.0
57 22.9 18.2 27.4





#19

1,1-Dichloroethane

Concen: 96.98 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

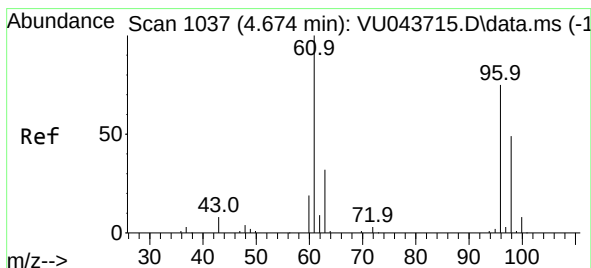
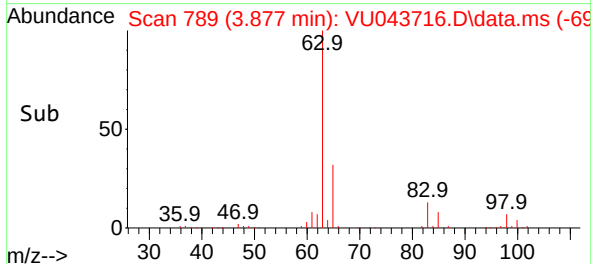
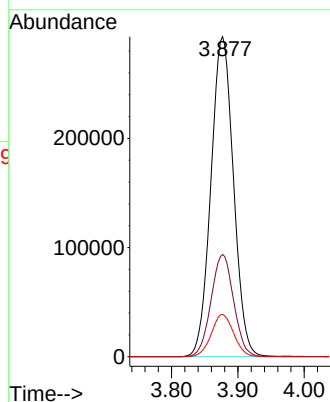
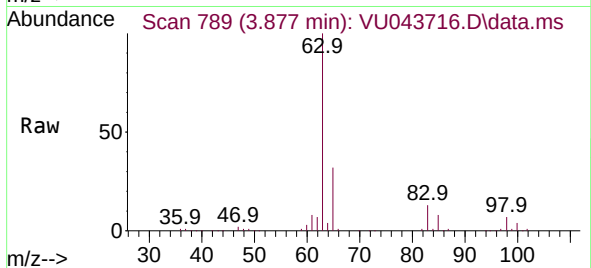
Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion: 63 Resp: 692159

Ion	Ratio	Lower	Upper
63	100		
65	32.0	22.0	41.0
83	13.2	8.7	16.1

Instrument :
MSVOA_U
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 104.80 ug/L

RT: 4.674 min Scan# 1037

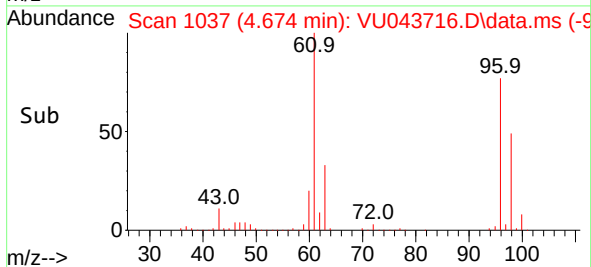
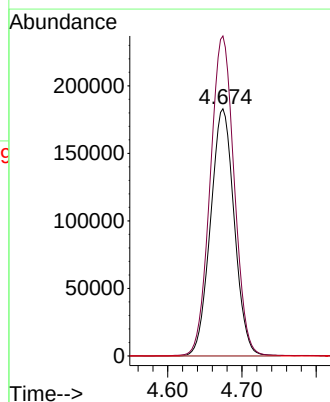
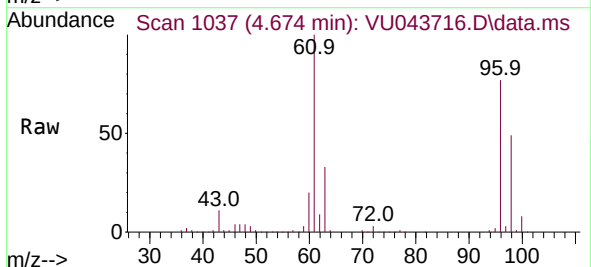
Delta R.T. -0.000 min

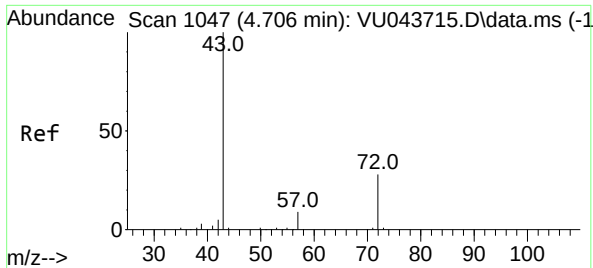
Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion: 96 Resp: 406749

Ion	Ratio	Lower	Upper
96	100		
61	129.5	93.1	172.9
68	0.0	0.0	0.0

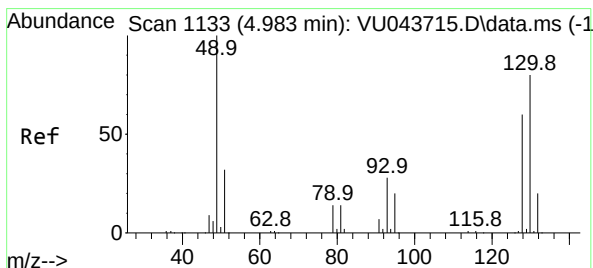
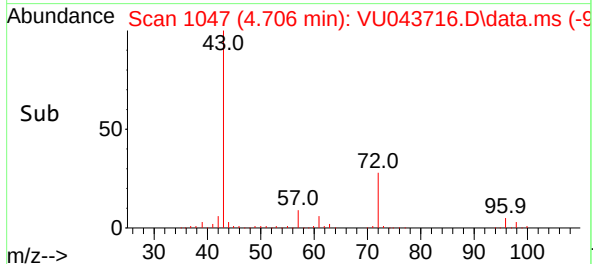
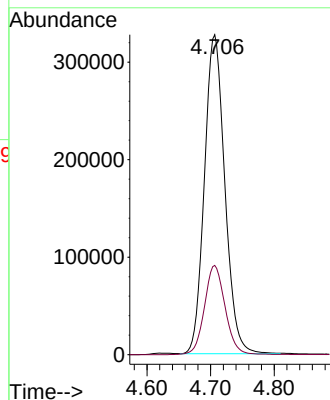
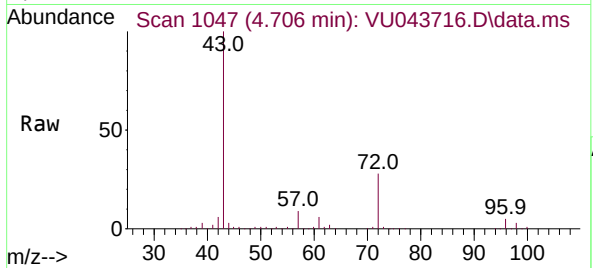




#22
2-Butanone
Concen: 155.03 ug/L
RT: 4.706 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

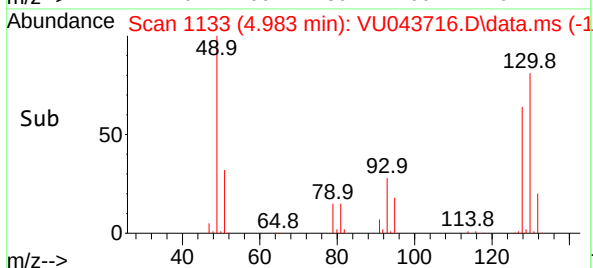
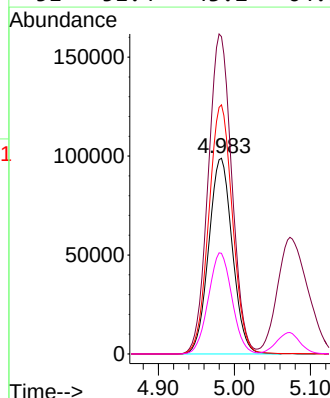
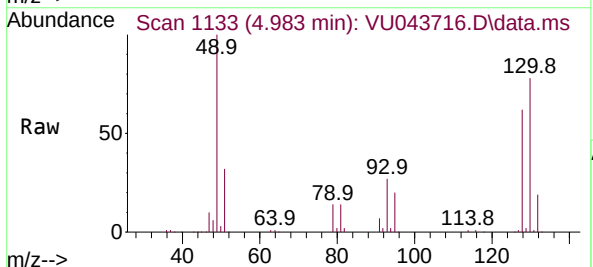
Instrument :
MSVOA_U
ClientSampled :

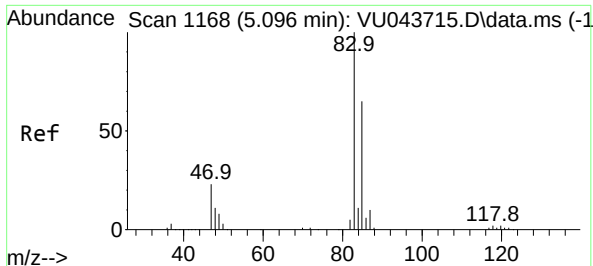
Tgt Ion: 43 Resp: 729878
Ion Ratio Lower Upper
43 100
72 28.4 13.9 41.6



#23
Bromochloromethane
Concen: 103.51 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:128 Resp: 213264
Ion Ratio Lower Upper
128 100
49 162.1 116.8 216.8
130 127.3 93.3 173.3
51 51.4 43.2 64.8



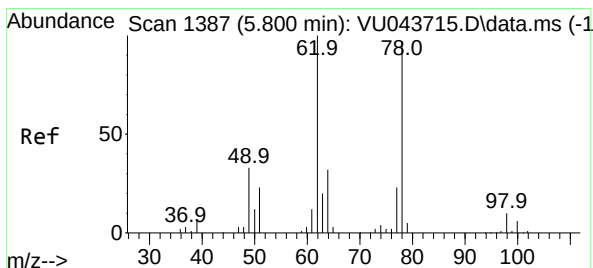
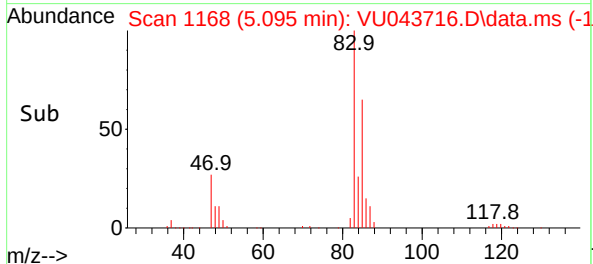
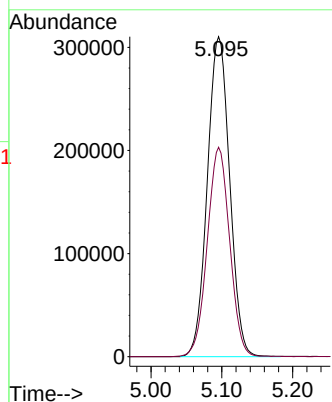
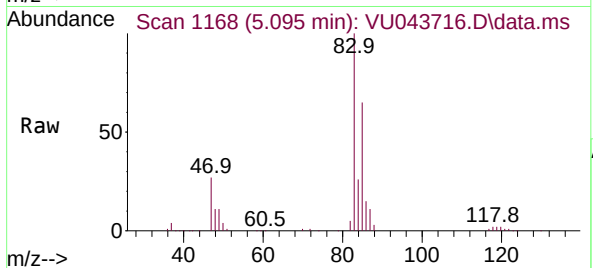


#25

Chloroform
Concen: 92.61 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Instrument :
MSVOA_U
ClientSampled :

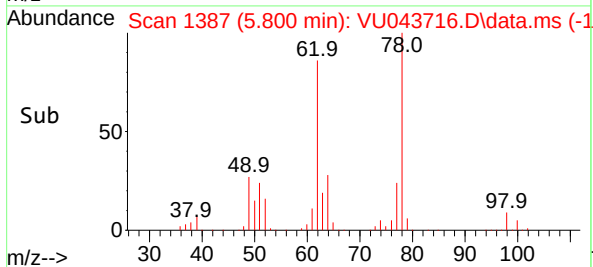
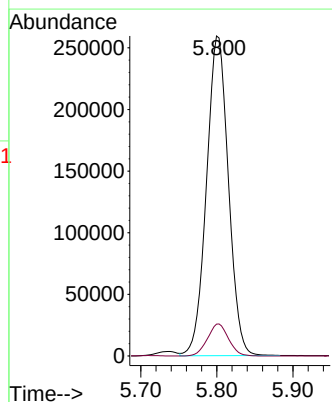
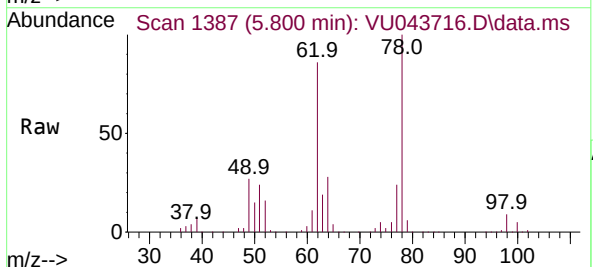
Tgt Ion: 83 Resp: 679596
Ion Ratio Lower Upper
83 100
85 65.4 45.7 84.9

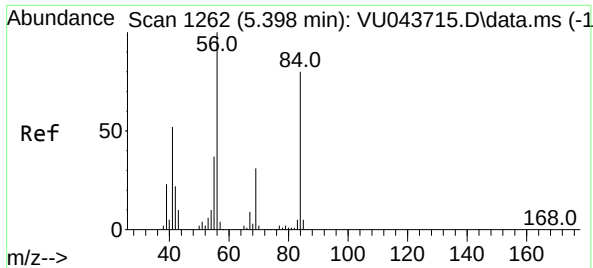


#27

1,2-Dichloroethane
Concen: 79.95 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 62 Resp: 519039
Ion Ratio Lower Upper
62 100
98 10.0 7.6 11.4





#29

Cyclohexane

Concen: 104.39 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.003 min

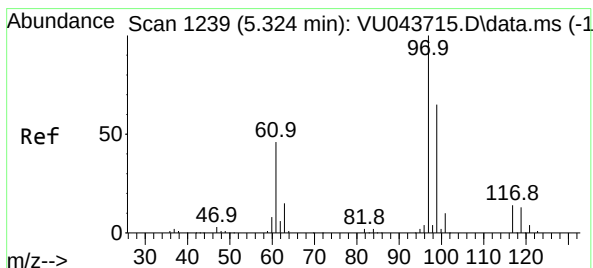
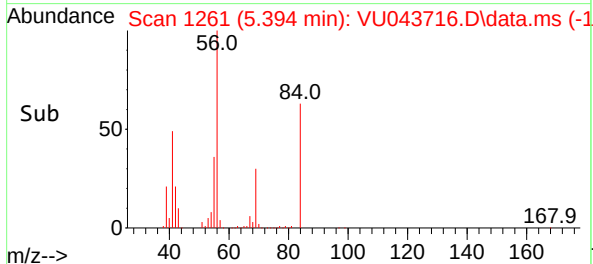
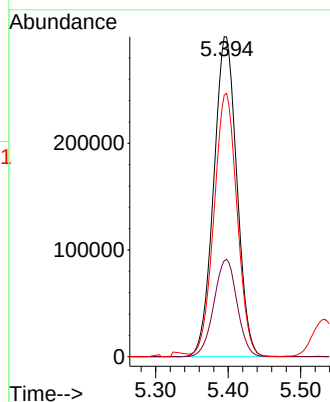
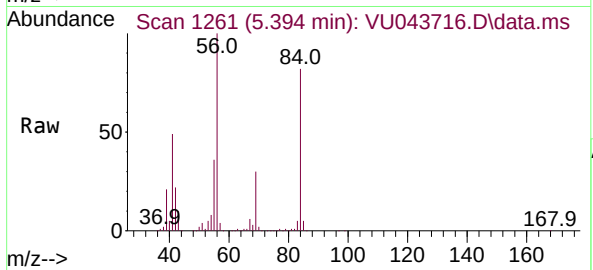
Lab File: VU043716.D

Acq: 13 May 2021 21:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 56 Resp: 663862

Ion	Ratio	Lower	Upper
56	100		
69	30.5	24.6	37.0
84	82.4	65.0	97.4



#30

1,1,1-Trichloroethane

Concen: 87.91 ug/L

RT: 5.324 min Scan# 1239

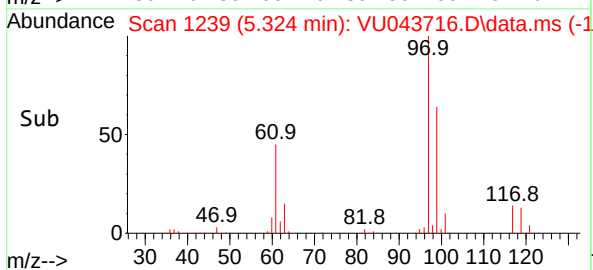
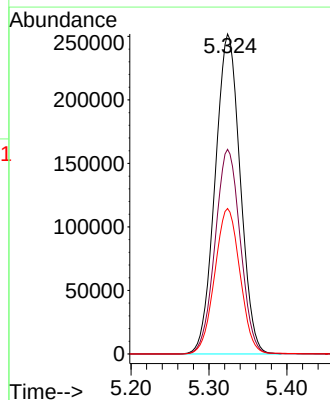
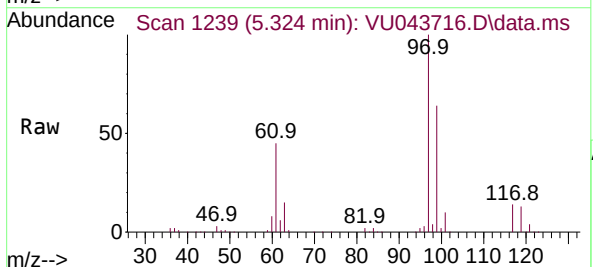
Delta R.T. -0.000 min

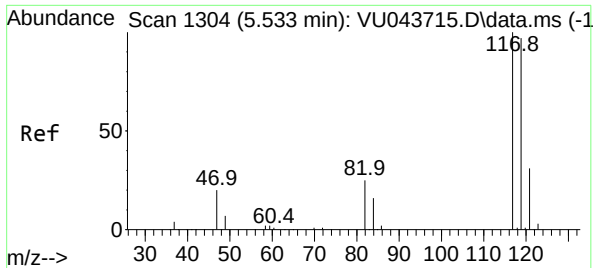
Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion: 97 Resp: 563524

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.7	77.5
61	45.8	36.9	55.3

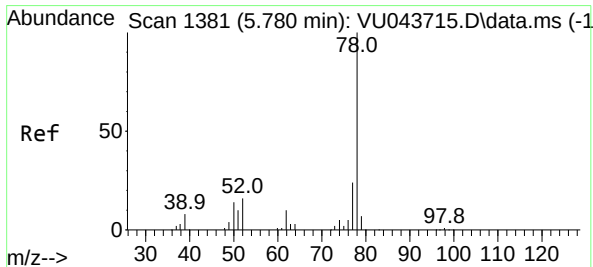
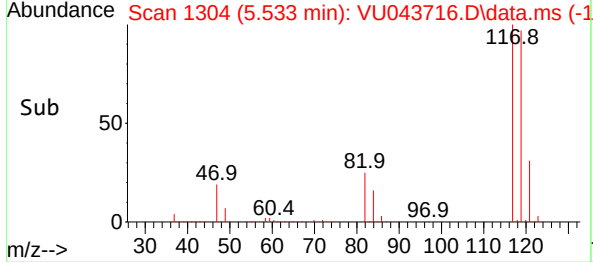
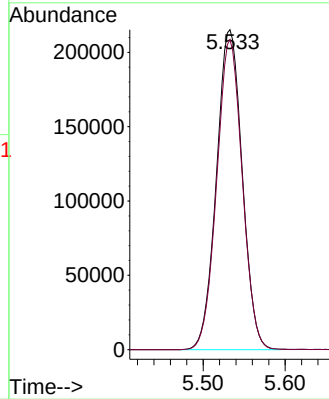
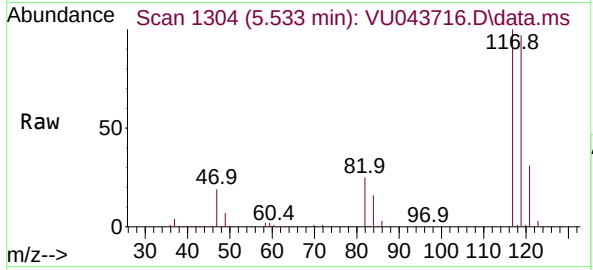




#31
Carbon tetrachloride
Concen: 84.36 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

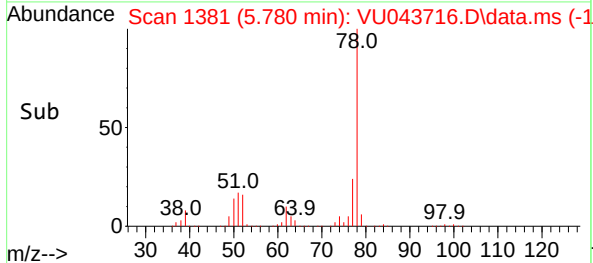
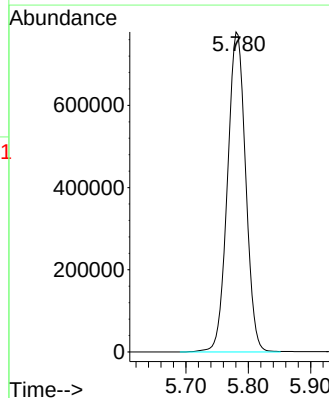
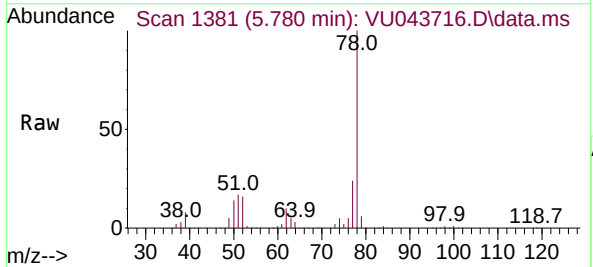
Instrument :
MSVOA_U
ClientSampleId :

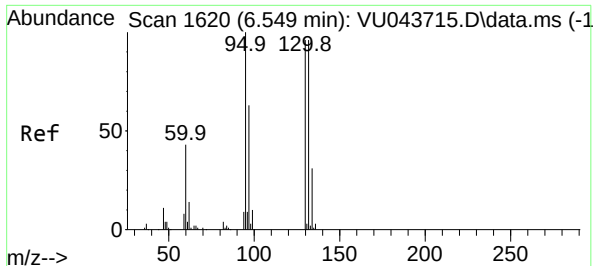
Tgt Ion:117 Resp: 470177
Ion Ratio Lower Upper
117 100
119 95.9 77.0 115.6



#33
Benzene
Concen: 103.17 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 78 Resp: 1576486

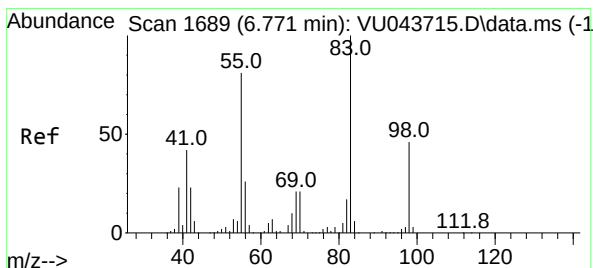
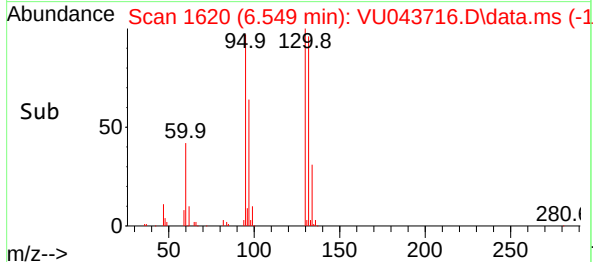
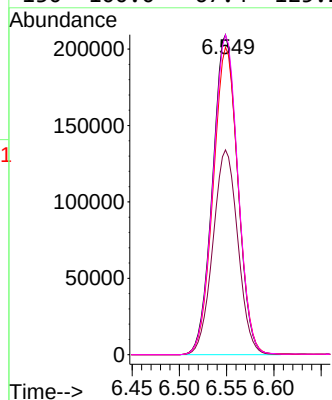
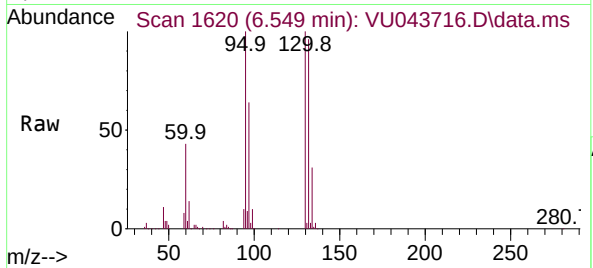




#34
Trichloroethene
Concen: 99.17 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

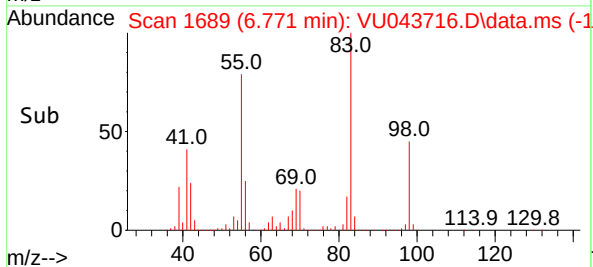
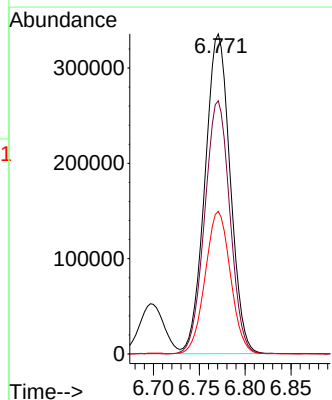
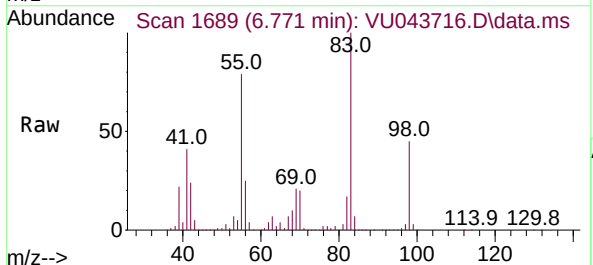
Instrument :
MSVOA_U
ClientSampled :

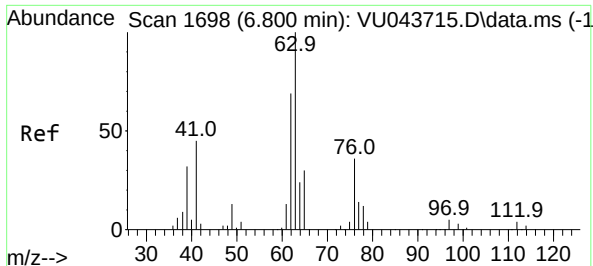
Tgt Ion:	95	Resp:	385343
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.2	82.2
132	96.1	66.8	124.2
130	100.0	67.4	125.2



#35
Methylcyclohexane
Concen: 105.91 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:	83	Resp:	643197
Ion	Ratio	Lower	Upper
83	100		
55	79.1	63.8	95.6
98	44.8	36.2	54.2



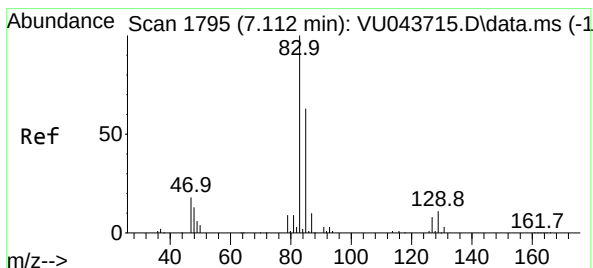
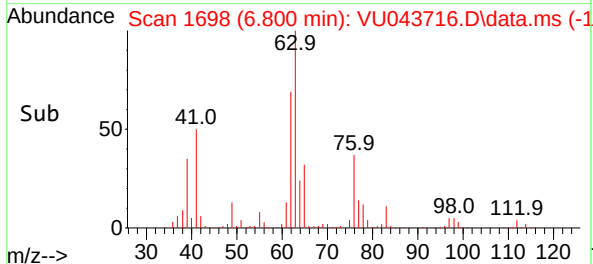
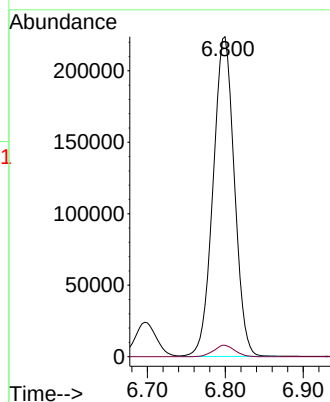
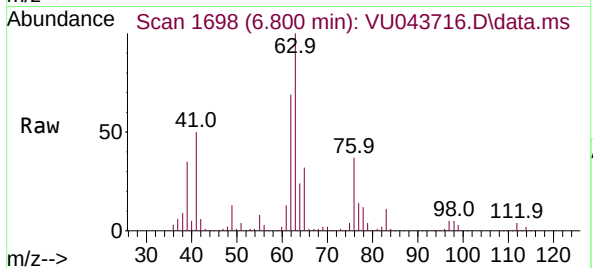


#37

1,2-Dichloropropane
Concen: 101.07 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Instrument :
MSVOA_U
ClientSampleId :

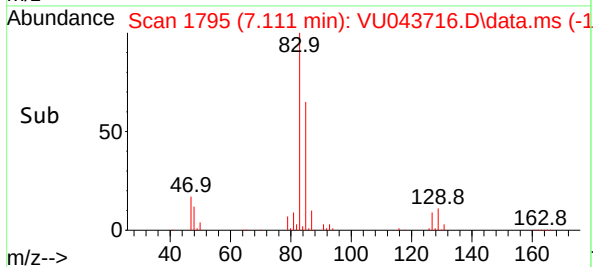
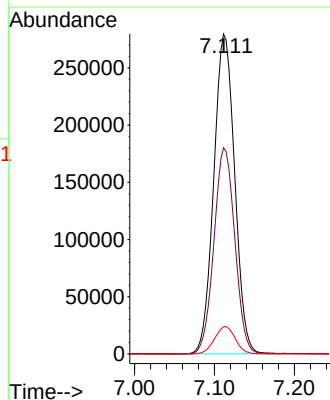
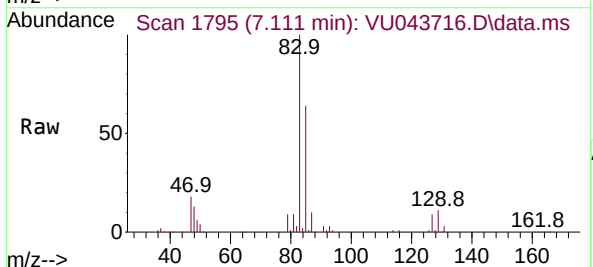
Tgt Ion: 63 Resp: 424735
Ion Ratio Lower Upper
63 100
112 3.5 3.0 4.4

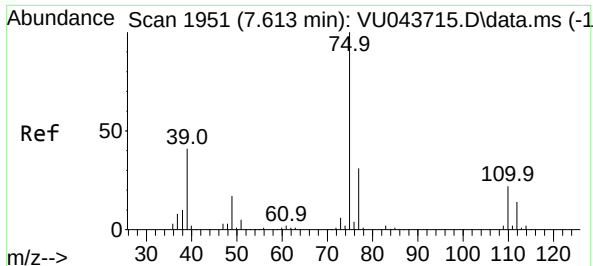


#38

Bromodichloromethane
Concen: 92.02 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 83 Resp: 507208
Ion Ratio Lower Upper
83 100
85 64.4 44.3 82.3
127 8.5 6.6 9.8

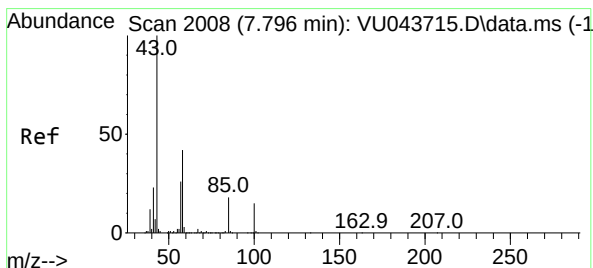
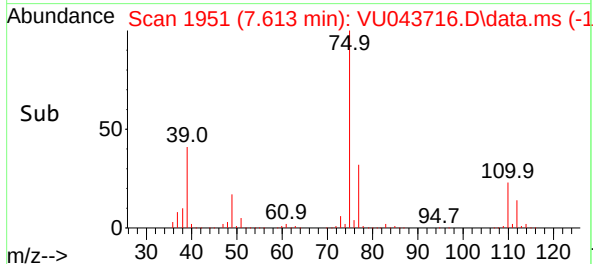
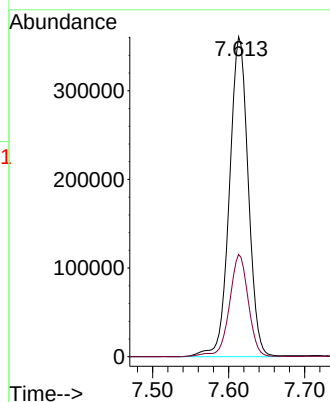
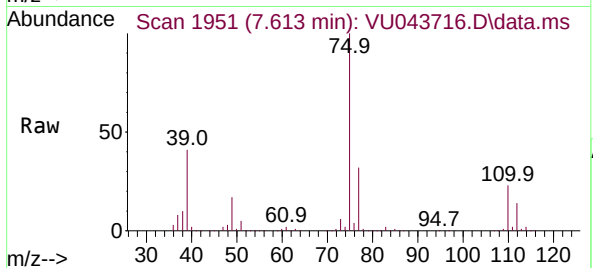




#39
 cis-1,3-Dichloropropene
 Concen: 100.10 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

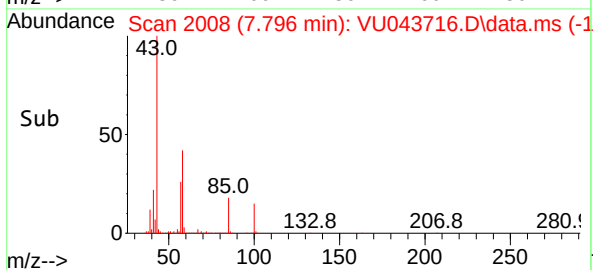
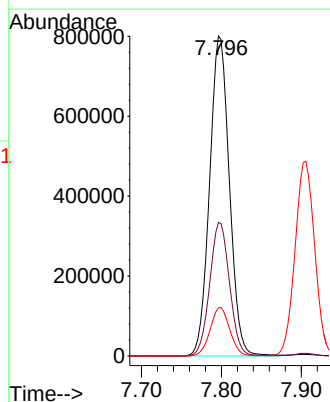
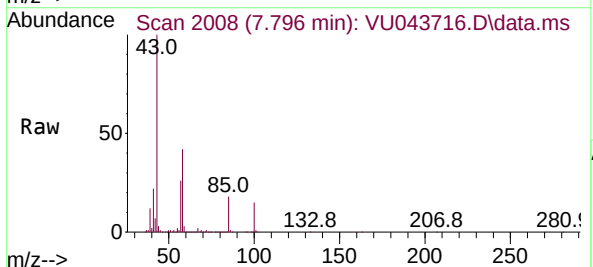
Instrument :
 MSVOA_U
 ClientSampleId :

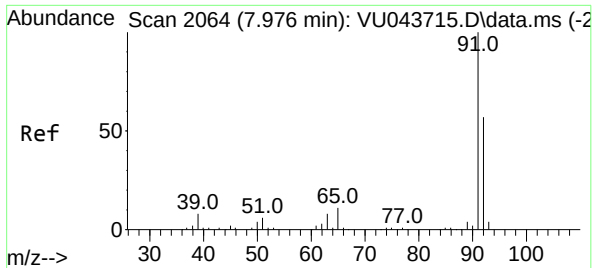
Tgt Ion: 75 Resp: 620243
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 165.14 ug/L
 RT: 7.796 min Scan# 2008
 Delta R.T. -0.000 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

Tgt Ion: 43 Resp: 1375457
 Ion Ratio Lower Upper
 43 100
 58 41.8 33.4 50.0
 100 15.0 12.2 18.2

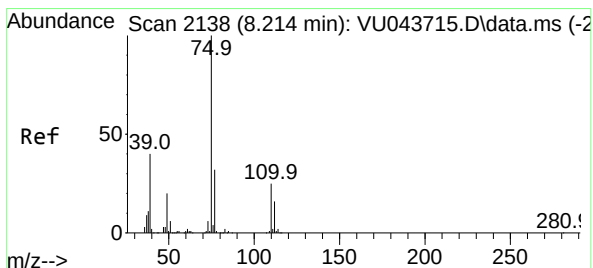
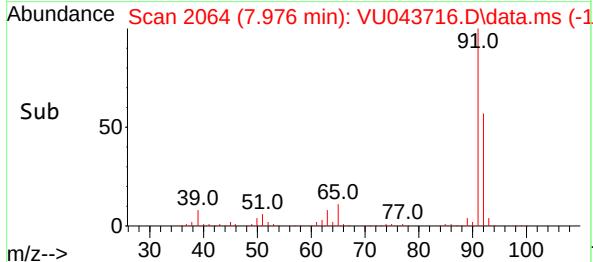
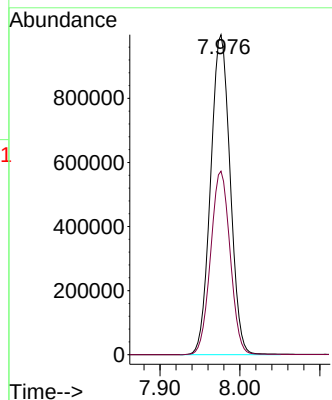
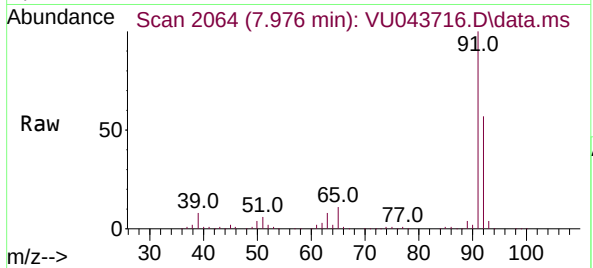




#42
Toluene
Concen: 101.84 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

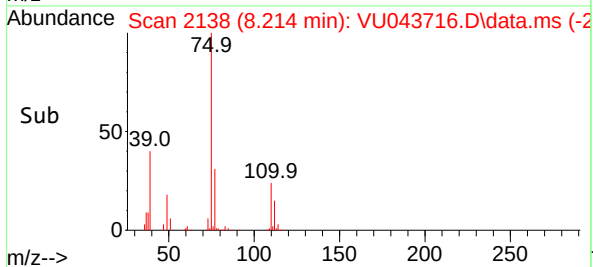
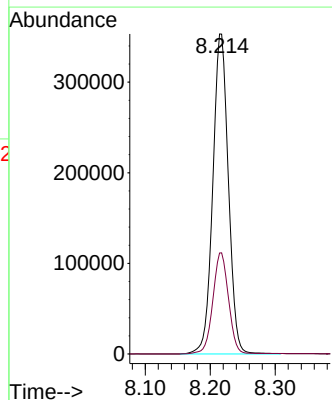
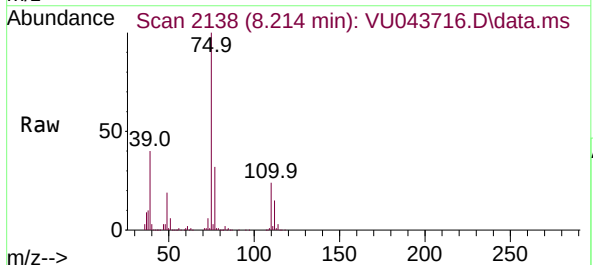
Instrument :
MSVOA_U
ClientSampled :

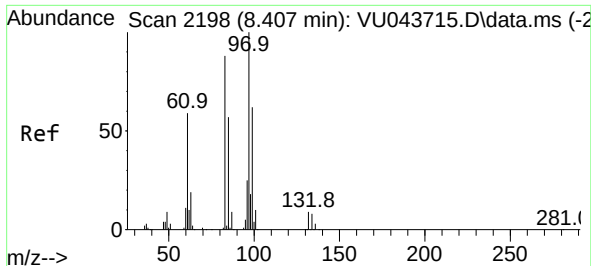
Tgt Ion: 91 Resp: 1691197
Ion Ratio Lower Upper
91 100
92 57.4 39.7 73.7



#44
trans-1,3-Dichloropropene
Concen: 93.99 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion: 75 Resp: 588157
Ion Ratio Lower Upper
75 100
77 31.6 22.4 41.6

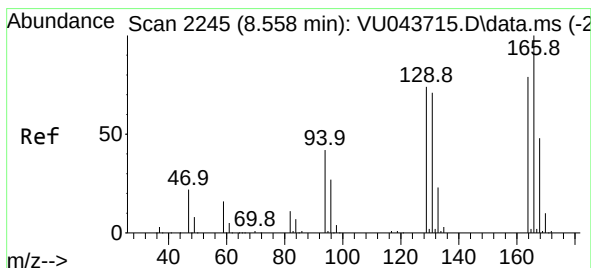
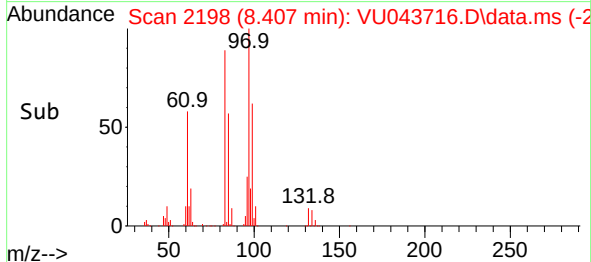
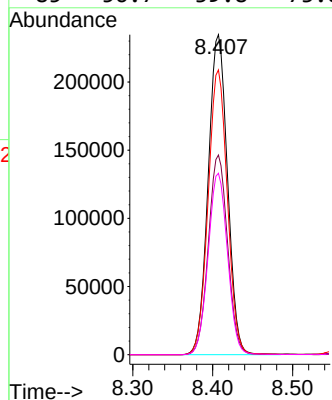
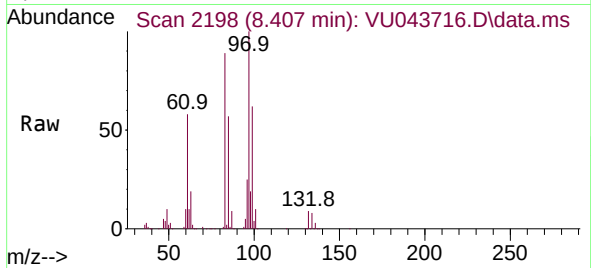




#45
1,1,2-Trichloroethane
Concen: 100.71 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

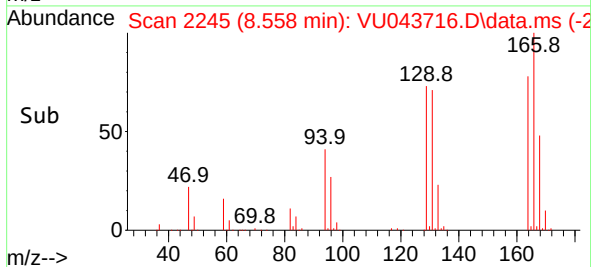
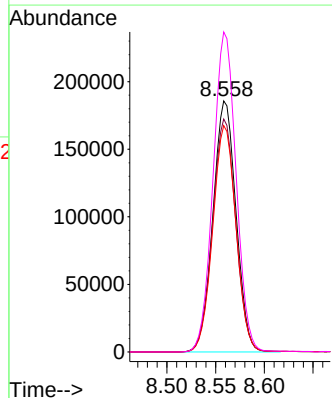
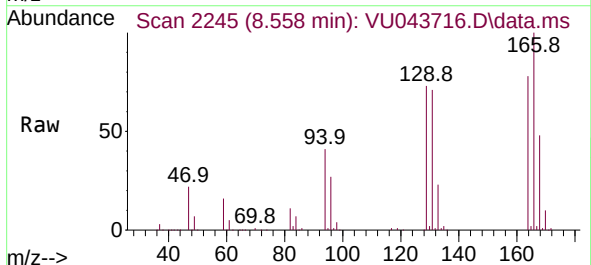
Instrument :
MSVOA_U
ClientSampleId :

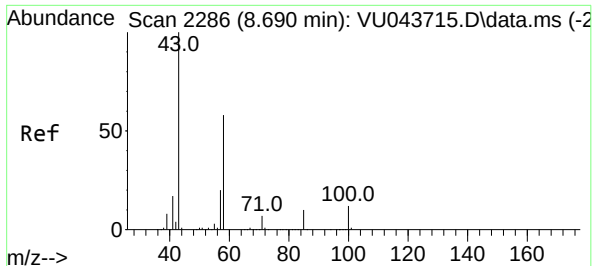
Tgt Ion:	97	Resp:	394198
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.2	80.2
83	89.0	61.7	114.5
85	56.7	39.8	73.8



#46
Tetrachloroethene
Concen: 96.72 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:	164	Resp:	307039
Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.5	121.6
131	90.2	63.0	117.0
166	127.5	88.6	164.6





#48

2-Hexanone

Concen: 162.19 ug/L

RT: 8.690 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VU043716.D

Acq: 13 May 2021 21:45

Tgt Ion: 43 Resp: 1128387

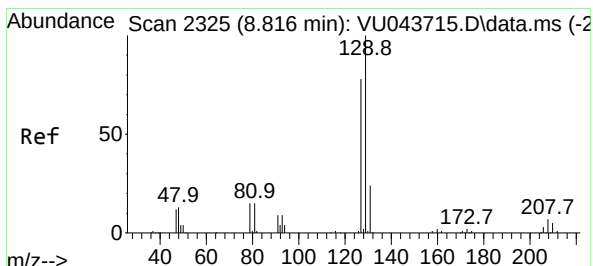
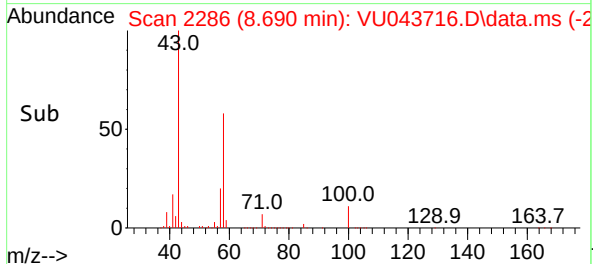
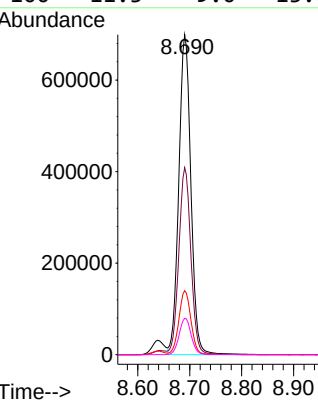
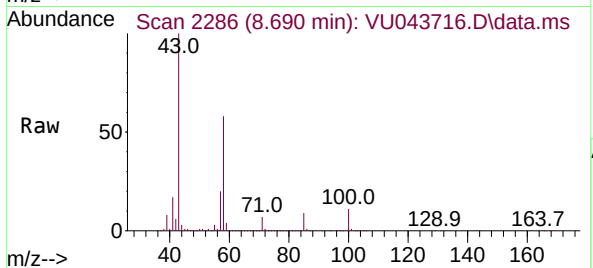
Ion Ratio Lower Upper

43 100

58 58.3 46.2 69.2

57 19.9 15.9 23.9

100 11.3 9.0 13.6



#49

Dibromochloromethane

Concen: 92.61 ug/L

RT: 8.816 min Scan# 2325

Delta R.T. -0.000 min

Lab File: VU043716.D

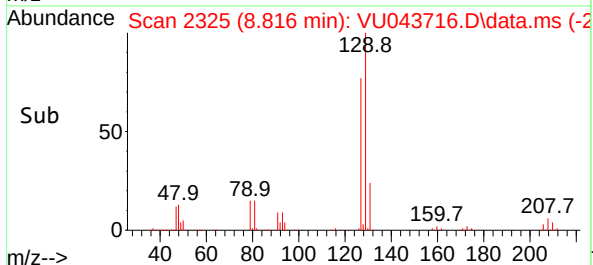
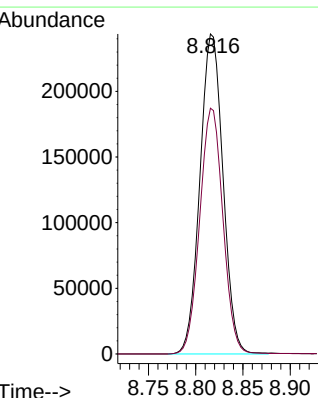
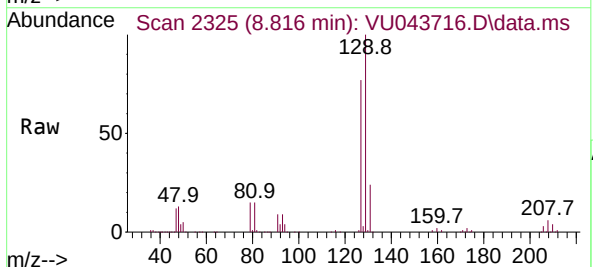
Acq: 13 May 2021 21:45

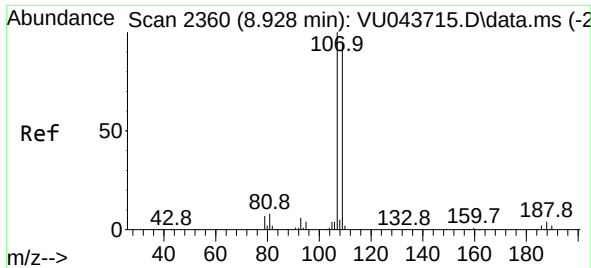
Tgt Ion: 129 Resp: 413859

Ion Ratio Lower Upper

129 100

127 76.8 54.5 101.1

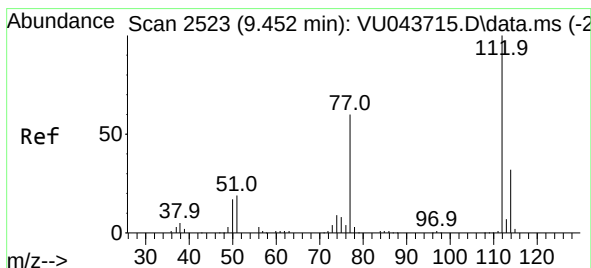
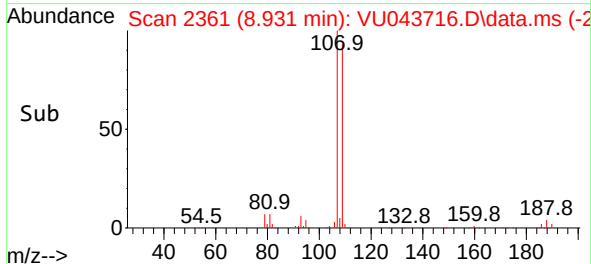
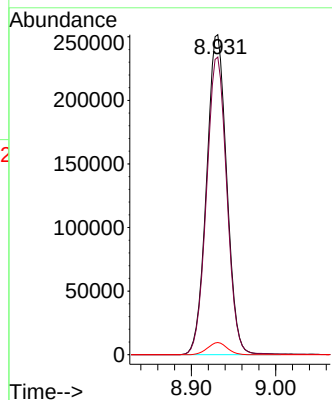
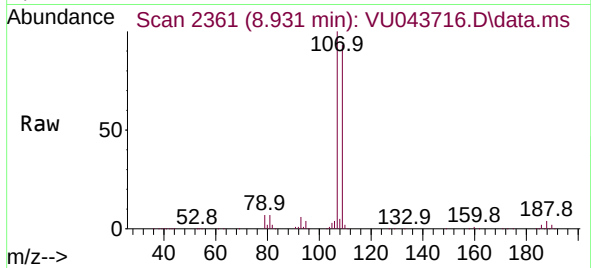




#50
1,2-Dibromoethane
Concen: 96.47 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.003 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

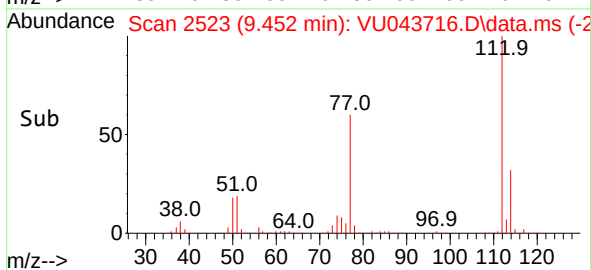
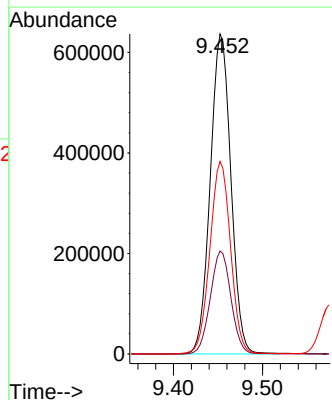
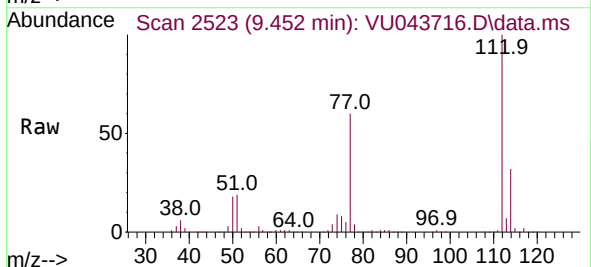
Instrument :
MSVOA_U
ClientSampleId :

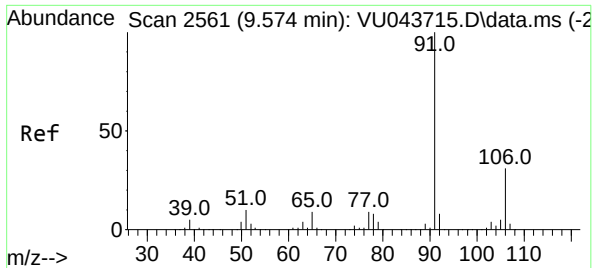
Tgt Ion:107 Resp: 420156
Ion Ratio Lower Upper
107 100
109 93.0 66.5 123.5
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 99.52 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:112 Resp: 1024326
Ion Ratio Lower Upper
112 100
114 32.2 22.7 42.1
77 60.2 48.5 72.7

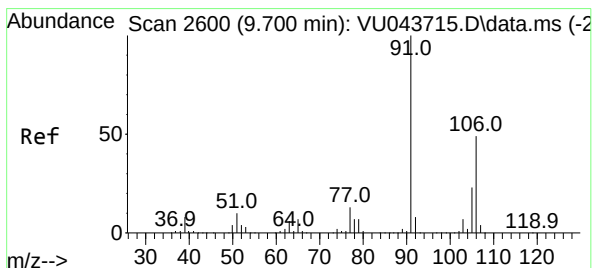
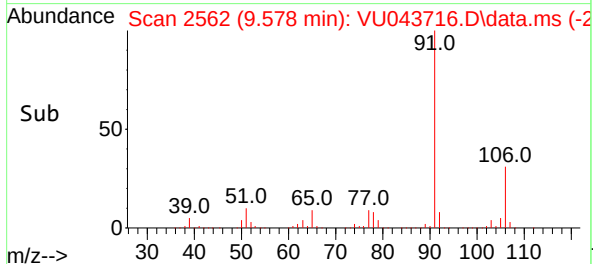
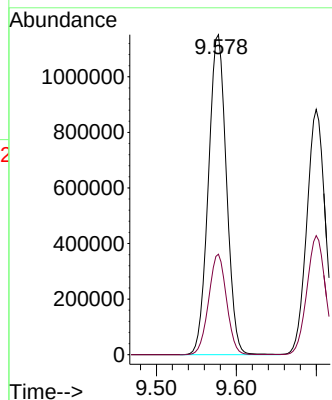
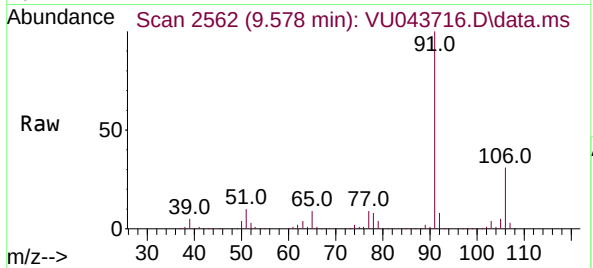




#52
Ethylbenzene
Concen: 99.58 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

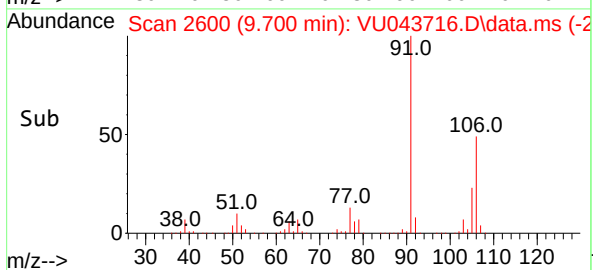
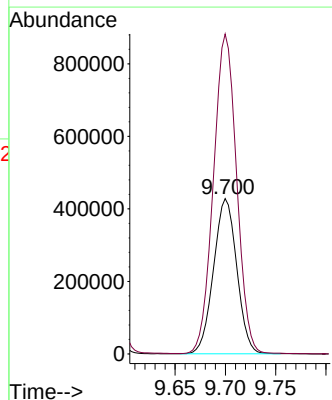
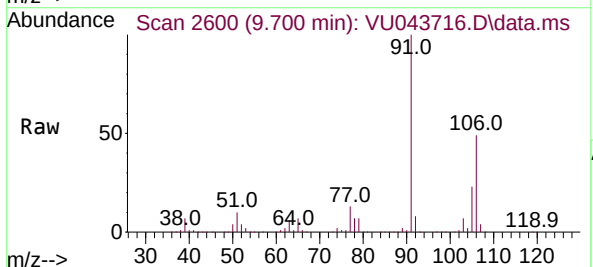
Instrument :
MSVOA_U
ClientSampled :

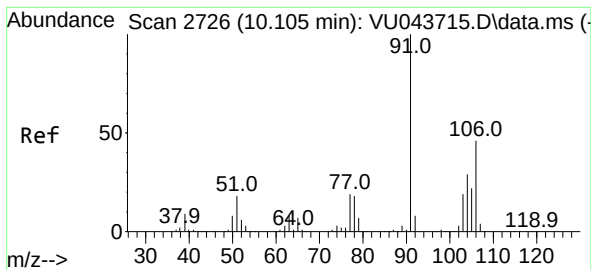
Tgt Ion: 91 Resp: 1806500
Ion Ratio Lower Upper
91 100
106 31.4 21.6 40.2



#53
m,p-Xylene
Concen: 101.98 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:106 Resp: 687693
Ion Ratio Lower Upper
106 100
91 206.0 142.9 265.5

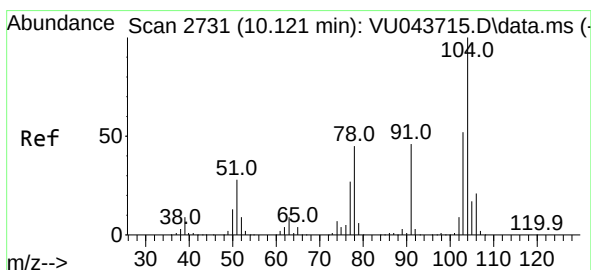
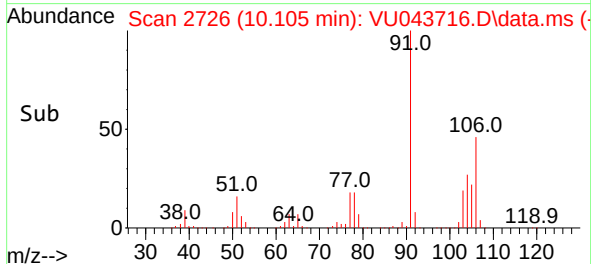
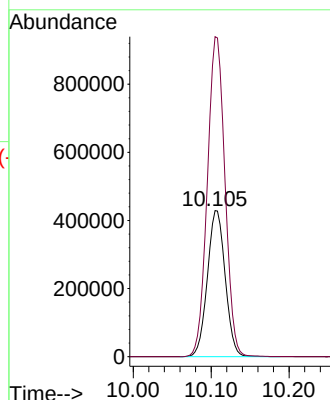
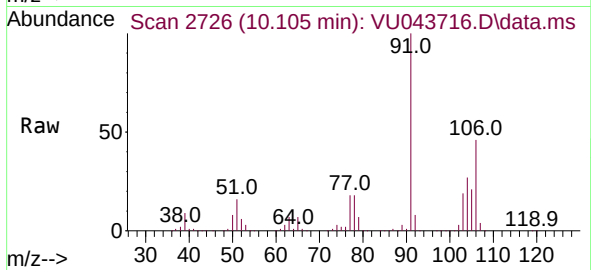




#54
o-xylene
Concen: 102.09 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

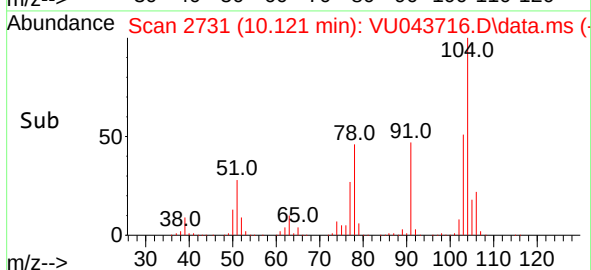
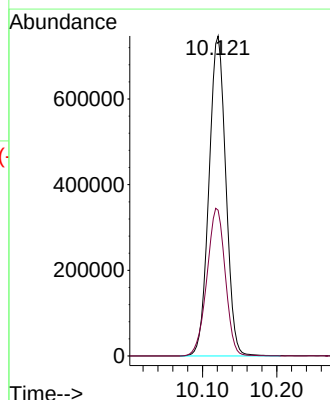
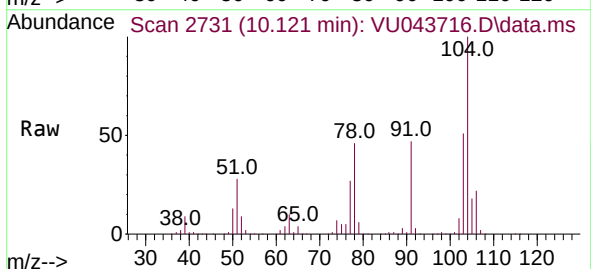
Instrument :
MSVOA_U
ClientSampled :

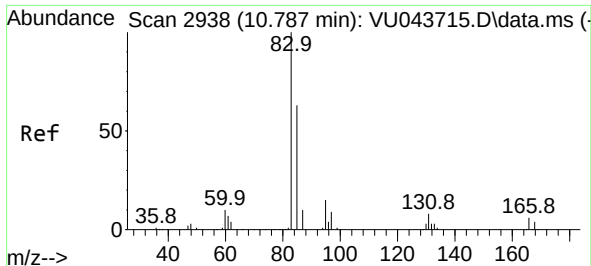
Tgt Ion:106 Resp: 679857
Ion Ratio Lower Upper
106 100
91 219.0 151.6 281.6



#55
Styrene
Concen: 103.43 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:104 Resp: 1177291
Ion Ratio Lower Upper
104 100
78 45.6 31.8 59.0

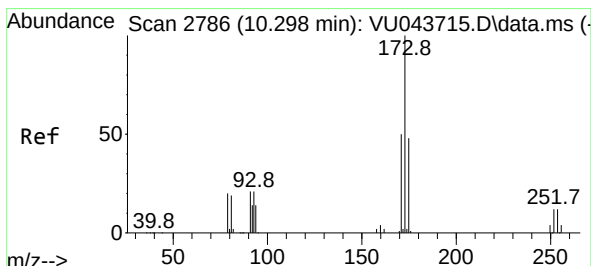
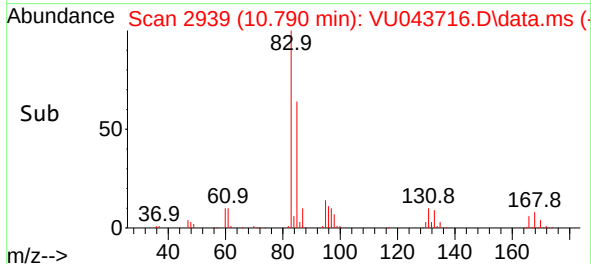
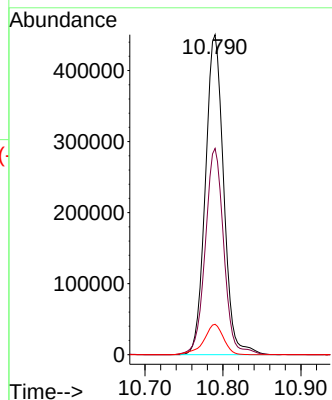
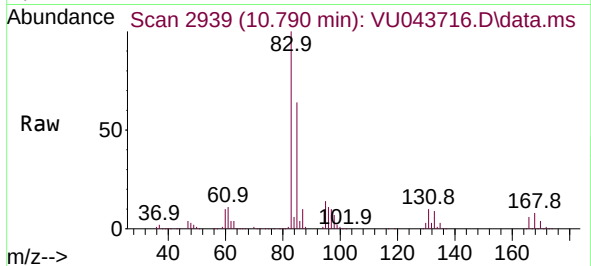




#57
1,1,2,2-Tetrachloroethane
Concen: 97.86 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

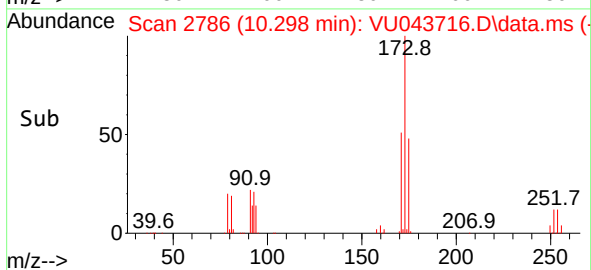
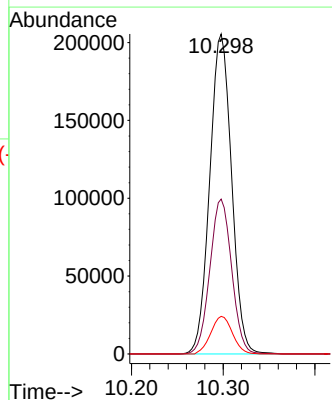
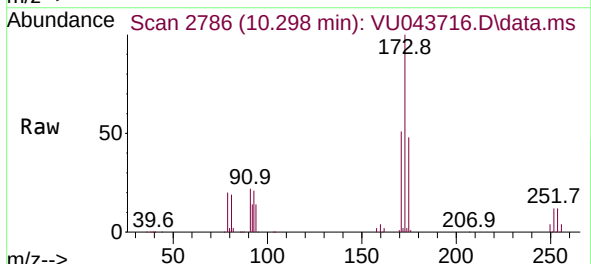
Instrument :
MSVOA_U
ClientSampleId :

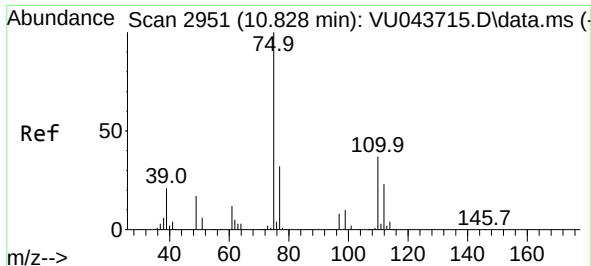
Tgt Ion: 83 Resp: 732058
Ion Ratio Lower Upper
83 100
85 64.5 44.5 82.7
131 9.5 7.4 11.2



#59
Bromoform
Concen: 89.86 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:173 Resp: 339532
Ion Ratio Lower Upper
173 100
175 48.3 38.6 57.8
254 11.7 6.8 10.2#

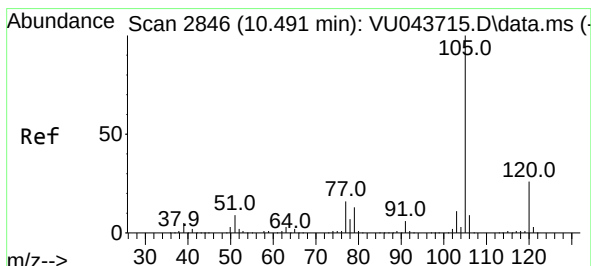
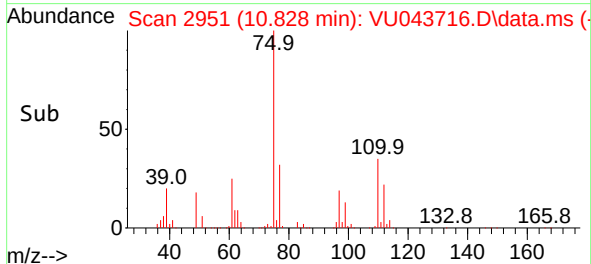
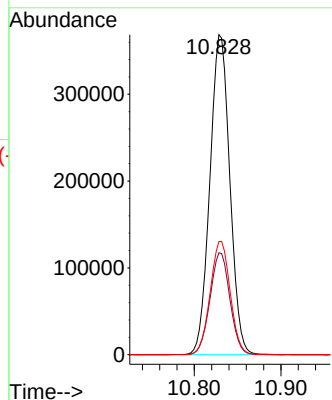
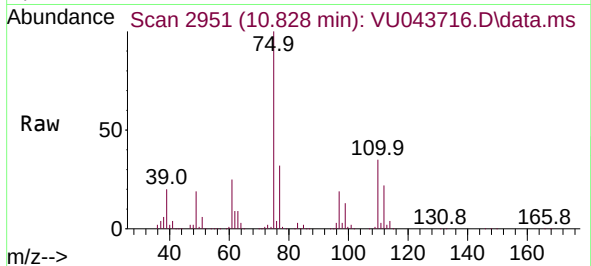




#60
1,2,3-Trichloropropane
Concen: 91.39 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

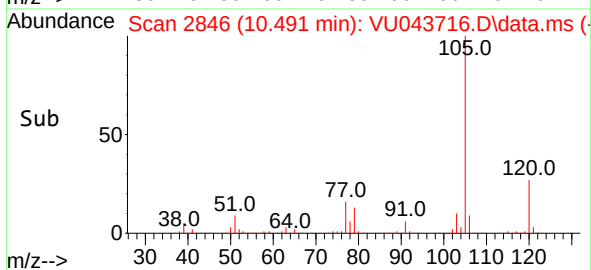
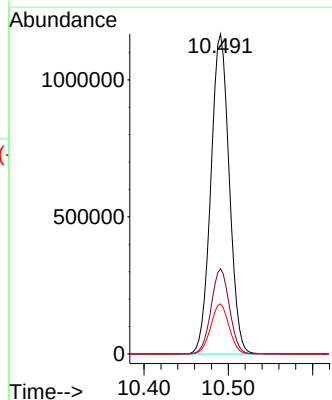
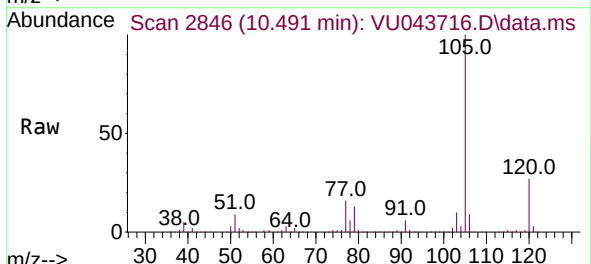
Instrument :
MSVOA_U
ClientSampleId :

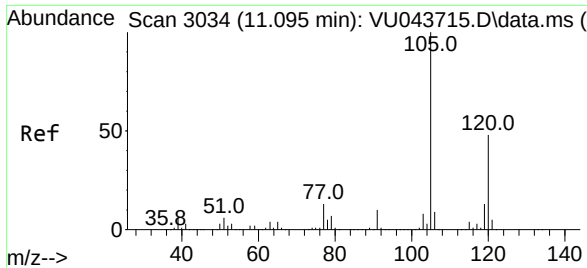
Tgt Ion:	75	Resp:	589799
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.6
110	35.5	28.9	43.3



#61
Isopropylbenzene
Concen: 95.45 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:	105	Resp:	1766102
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.0	31.4
77	15.6	12.5	18.7

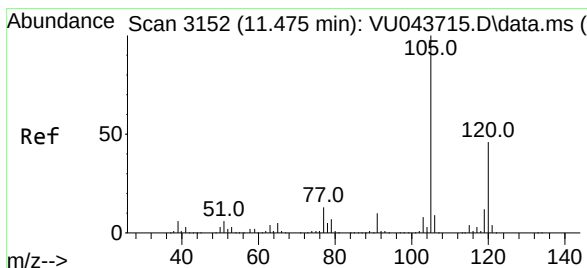
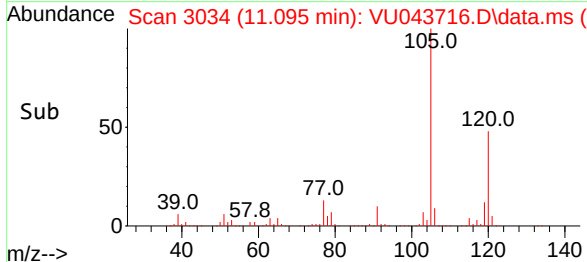
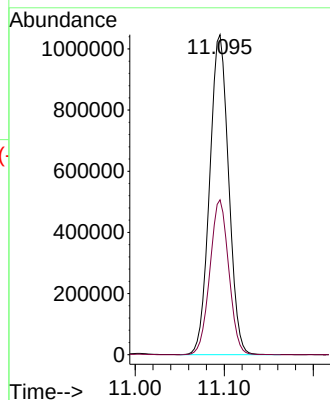
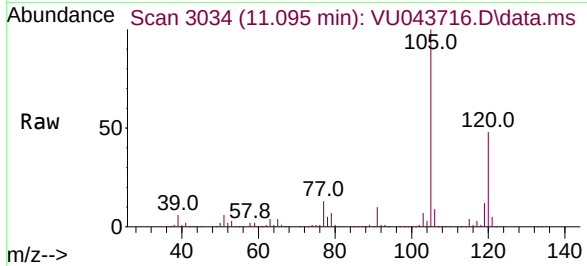




#62
 1,3,5-Trimethylbenzene
 Concen: 97.70 ug/L
 RT: 11.095 min Scan# 3034
 Delta R.T. -0.000 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

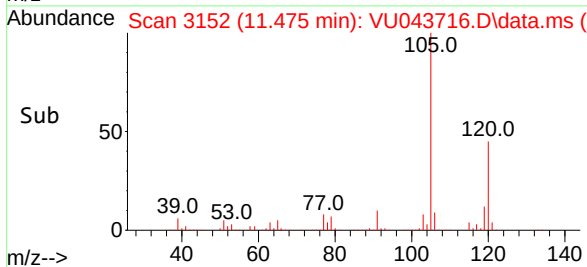
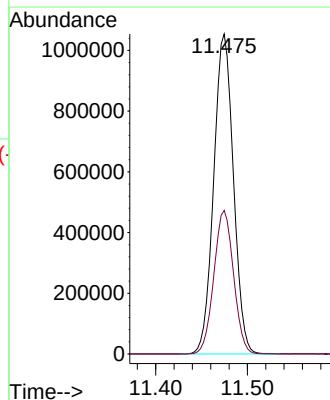
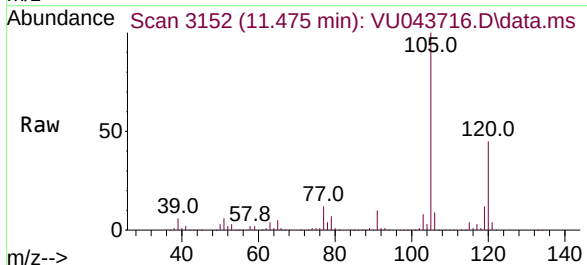
Instrument :
 MSVOA_U
 ClientSampleId :

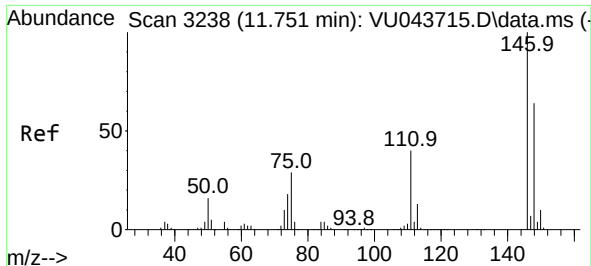
Tgt Ion:105 Resp: 1543953
 Ion Ratio Lower Upper
 105 100
 120 48.1 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 96.36 ug/L
 RT: 11.475 min Scan# 3152
 Delta R.T. -0.000 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

Tgt Ion:105 Resp: 1574224
 Ion Ratio Lower Upper
 105 100
 120 44.8 36.2 54.2

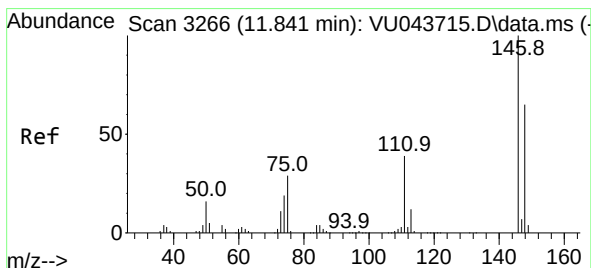
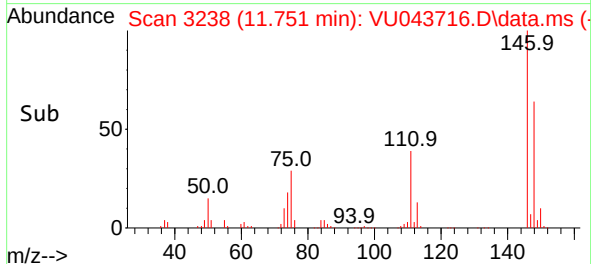
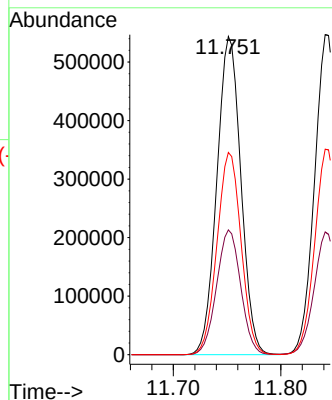
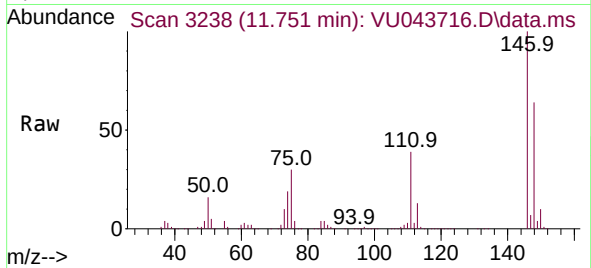




#64
1,3-Dichlorobenzene
Concen: 93.83 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

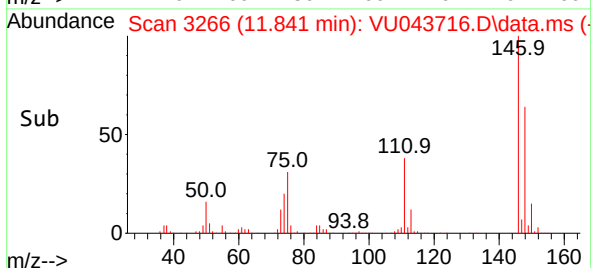
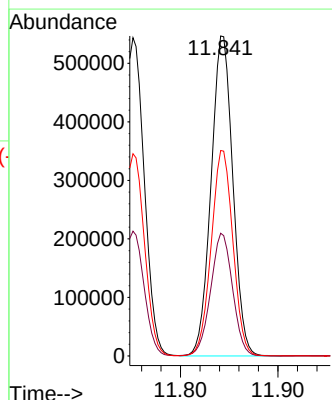
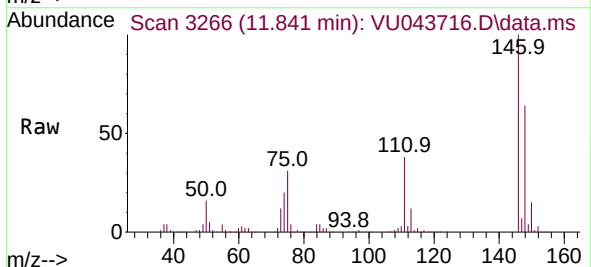
Instrument :
MSVOA_U
ClientSampleId :

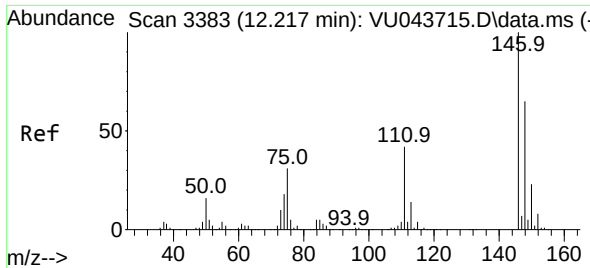
Tgt Ion:146 Resp: 845128
Ion Ratio Lower Upper
146 100
111 39.2 27.8 51.6
148 63.6 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 92.71 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:146 Resp: 848447
Ion Ratio Lower Upper
146 100
111 38.3 27.1 50.3
148 64.2 45.4 84.4

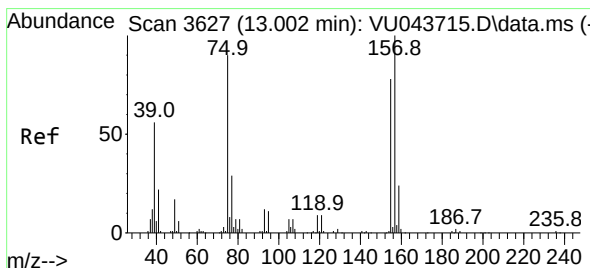
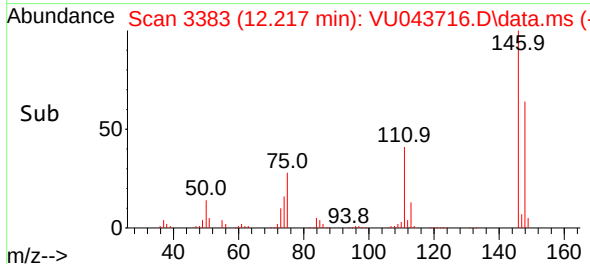
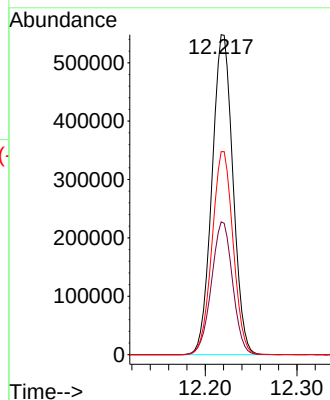
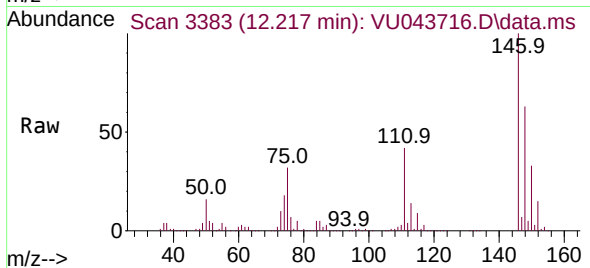




#67
1,2-Dichlorobenzene
Concen: 93.69 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

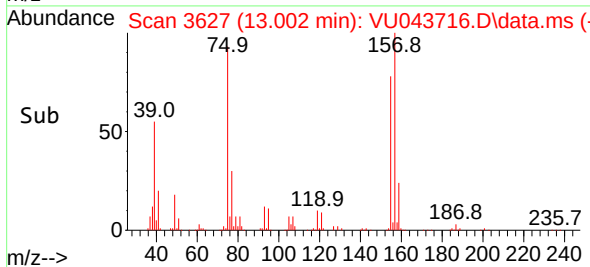
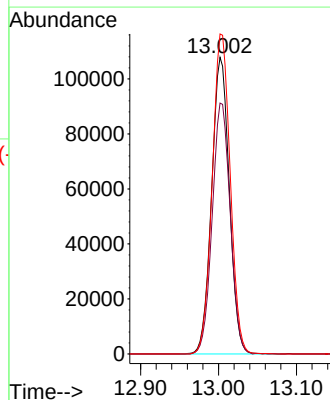
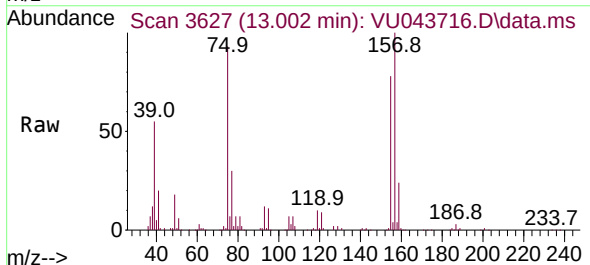
Instrument :
MSVOA_U
ClientSampled :

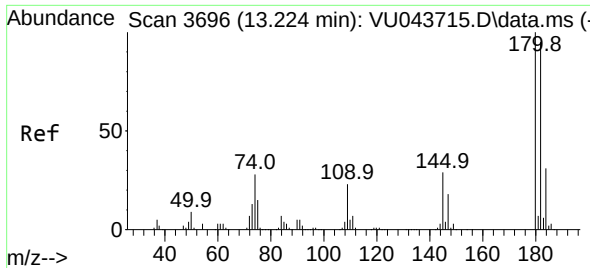
Tgt Ion:146 Resp: 868718
Ion Ratio Lower Upper
146 100
111 41.5 33.5 50.3
148 63.4 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 79.34 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

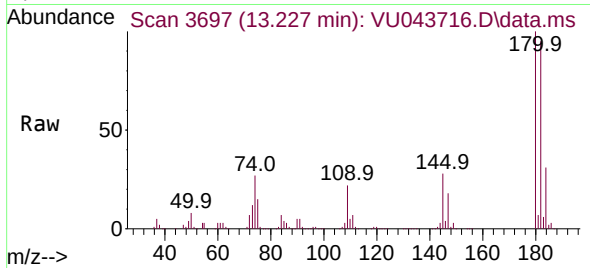
Tgt Ion: 75 Resp: 170066
Ion Ratio Lower Upper
75 100
155 84.6 72.5 108.7
157 107.9 92.3 138.5



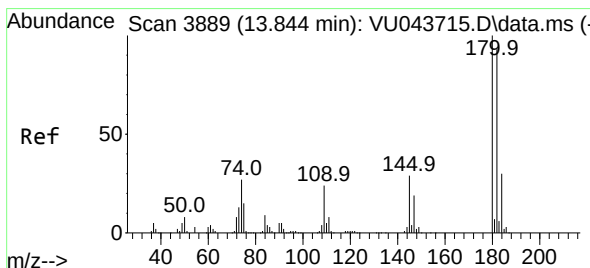
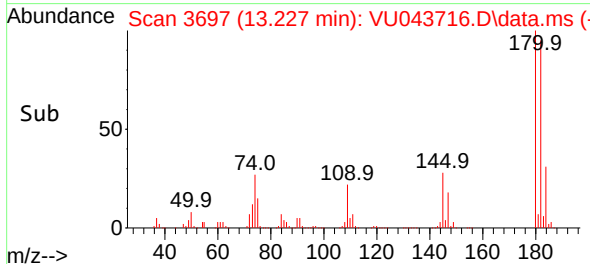
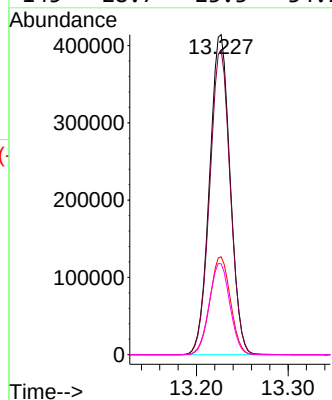


#69
 1,3,5-Trichlorobenzene
 Concen: 90.87 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45

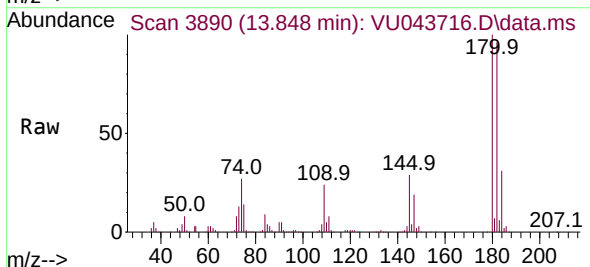
Instrument :
 MSVOA_U
 ClientSampleId :



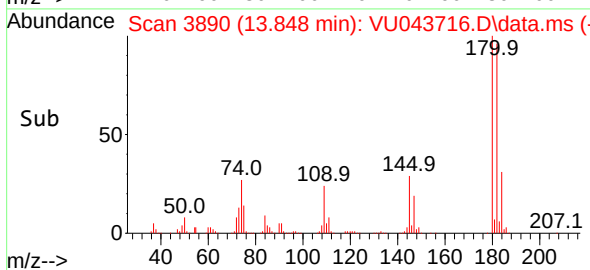
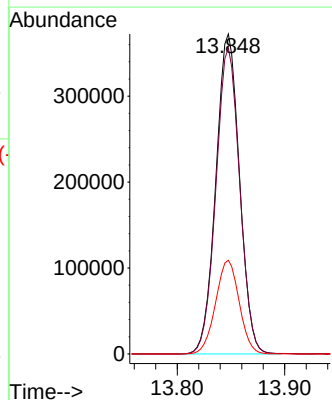
Tgt Ion:180 Resp: 644832
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 184 30.6 25.0 37.4
 145 28.7 23.3 34.9

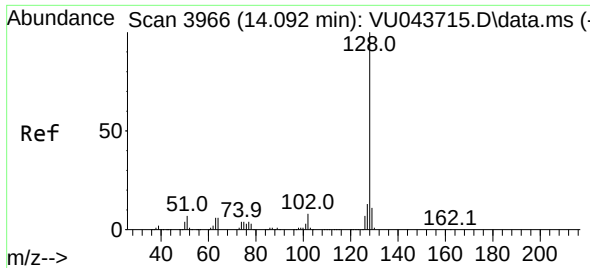


#70
 1,2,4-trichlorobenzene
 Concen: 93.58 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU043716.D
 Acq: 13 May 2021 21:45



Tgt Ion:180 Resp: 568549
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.9 113.9
 145 29.3 23.4 35.0

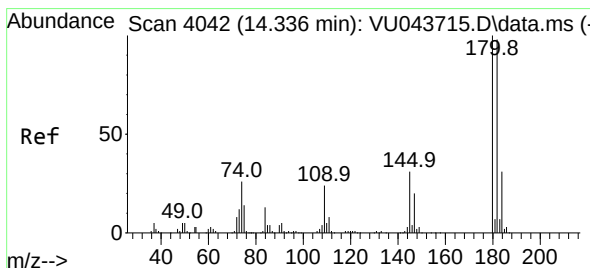
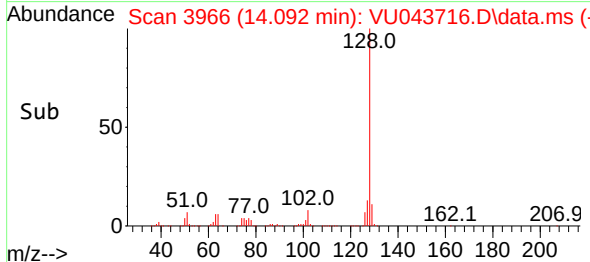
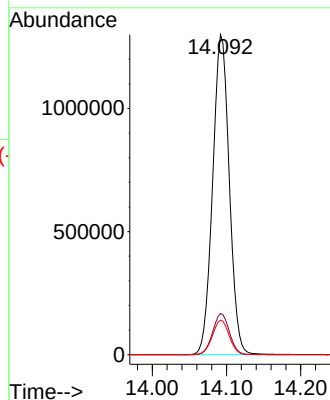
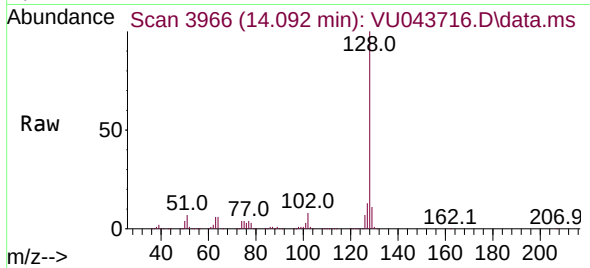




#71
Naphthalene
Concen: 105.34 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 2021034
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 95.11 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043716.D
Acq: 13 May 2021 21:45

Tgt Ion:180 Resp: 592648
Ion Ratio Lower Upper
180 100
182 95.1 76.9 115.3
145 31.4 24.9 37.3

