

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044442.D
 Acq On : 18 Aug 2021 11:19
 Operator : SY/MD
 Sample : VSTD0.515
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5015

Quant Time: Aug 19 03:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:40:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	114939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	117898	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	54250	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	5081	0.547	ug/L	0.00
7) Chloroethane-d5	1.919	69	4340	0.537	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	1944	0.492	ug/L	0.00
20) 2-Butanone-d5	4.649	46	10428	4.056	ug/L	0.00
24) Chloroform-d	5.070	84	8459	0.515	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	4763	0.531	ug/L	0.00
32) Benzene-d6	5.739	84	16204	0.488	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	5220	0.491	ug/L	0.00
41) Toluene-d8	7.906	98	14041	0.477	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.189	79	1695	0.444	ug/L	0.00
46) 2-Hexanone-d5	8.648	63	8275	4.012	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.767	84	4476	0.500	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	4488	0.490	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	5315	0.450	ug/L	99
3) Chloromethane	1.520	50	8884	0.574	ug/L	98
5) Vinyl chloride	1.607	62	6645	0.464	ug/L #	79
6) Bromomethane	1.861	94	3635	0.467	ug/L	90
8) Chloroethane	1.938	64	4172	0.477	ug/L	95
9) Trichlorofluoromethane	2.144	101	7625	0.466	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	3896	0.433	ug/L	95
12) 1,1-Dichloroethene	2.584	96	3927	0.445	ug/L	91
13) Acetone	2.642	43	8662	5.630	ug/L	70
14) Carbon disulfide	2.800	76	12889	0.450	ug/L	99
15) Methyl Acetate	2.964	43	1407	0.404	ug/L	94
16) Methylene chloride	3.054	84	9829	0.749	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	9768	0.428	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	3940	0.428	ug/L	98
19) 1,1-Dichloroethane	3.880	63	8234	0.461	ug/L	93
21) 2-Butanone	4.729	43	10936	3.595	ug/L	90
22) cis-1,2-Dichloroethene	4.677	96	4337	0.441	ug/L	93
23) Bromochloromethane	4.983	128	1893	0.436	ug/L	83
25) Chloroform	5.095	83	8447	0.461	ug/L	97
27) 1,2-Dichloroethane	5.803	62	5549	0.454	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	6121	0.415	ug/L	98
30) Cyclohexane	5.394	56	6477	0.397	ug/L	95
31) Carbon tetrachloride	5.533	117	5241	0.432	ug/L	99
33) Benzene	5.780	78	17157	0.429	ug/L	100
34) Trichloroethene	6.546	95	4289	0.434	ug/L	97
35) Methylcyclohexane	6.771	83	6464	0.392	ug/L	96
37) 1,2-Dichloropropane	6.800	63	4415	0.422	ug/L #	92
38) Bromodichloromethane	7.115	83	5515	0.429	ug/L	88
39) cis-1,3-Dichloropropene	7.616	75	5804	0.395	ug/L	92
40) 4-Methyl-2-pentanone	7.803	43	27336	3.844	ug/L	98
42) Toluene	7.976	91	17181	0.412	ug/L	97
44) trans-1,3-Dichloropropene	8.217	75	4707	0.378	ug/L	90

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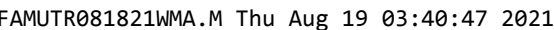
Quant Time: Aug 19 03:40:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR081821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 19 03:40:19 2021
 Response via : Initial Calibration

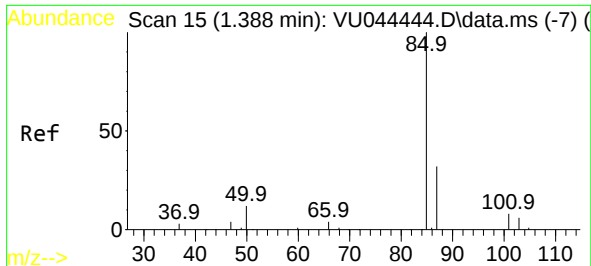
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.410	97	3008	0.403	ug/L	95
47) Tetrachloroethene	8.562	164	2948	0.431	ug/L	94
48) 2-Hexanone	8.700	43	19788	3.899	ug/L #	94
49) Dibromochloromethane	8.819	129	3139	0.397	ug/L	98
50) 1,2-Dibromoethane	8.931	107	2945	0.412	ug/L #	87
51) Chlorobenzene	9.455	112	11276	0.441	ug/L	96
52) Ethylbenzene	9.578	91	17385	0.395	ug/L	99
53) m,p-Xylene	9.703	106	6356	0.384	ug/L	97
54) o-Xylene	10.105	106	5977	0.371	ug/L	95
55) Styrene	10.121	104	9032	0.342	ug/L	86
57) 1,1,2,2-Tetrachloroethane	10.790	83	3934	0.400	ug/L #	98
59) Bromoform	10.298	173	1621	0.423	ug/L #	98
60) Isopropylbenzene	10.491	105	16534	0.418	ug/L	98
61) 1,2,3-Trichloropropane	10.832	75	3181	0.469	ug/L #	88
62) 1,3,5-Trimethylbenzene	11.095	105	12554	0.388	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	12681	0.382	ug/L	99
64) 1,3-Dichlorobenzene	11.754	146	7612	0.438	ug/L	95
65) 1,4-Dichlorobenzene	11.841	146	7935	0.452	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	7266	0.439	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	556	0.401	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.227	180	5146	0.420	ug/L	96
70) 1,2,4-trichlorobenzene	13.851	180	3527	0.368	ug/L	97
71) Naphthalene	14.095	128	5719	0.313	ug/L	99
72) 1,2,3-Trichlorobenzene	14.339	180	3190	0.363	ug/L	97

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

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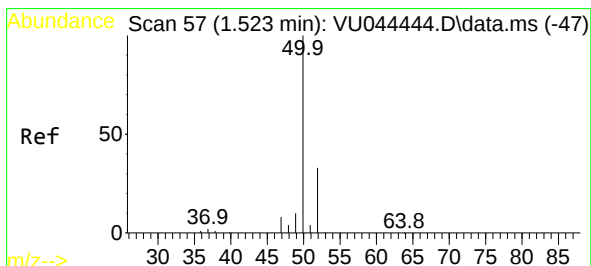
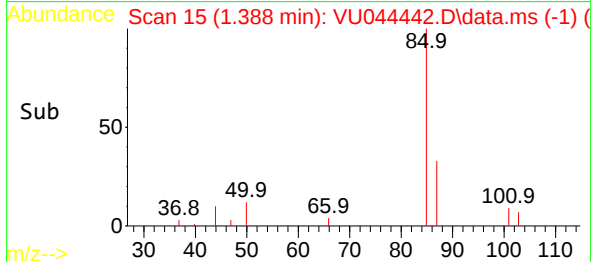
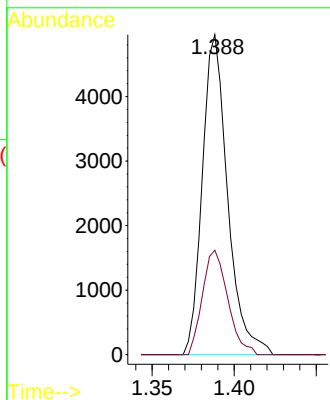
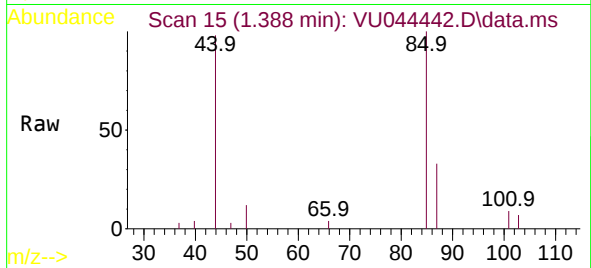




#2
Dichlorodifluoromethane
Concen: 0.450 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

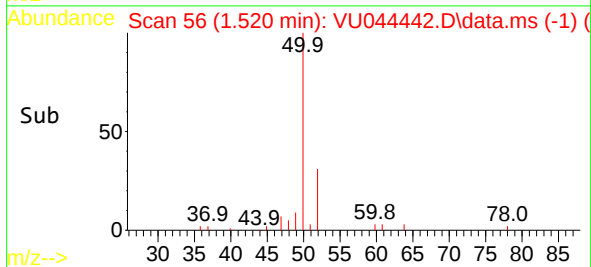
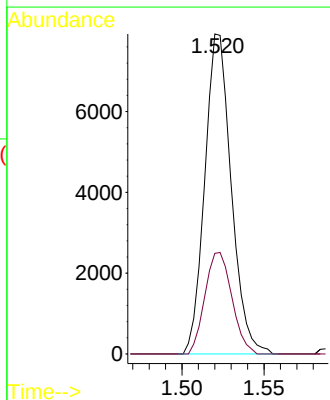
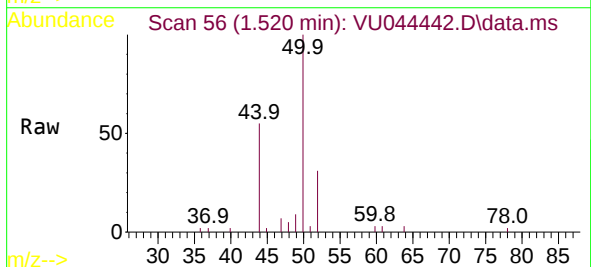
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

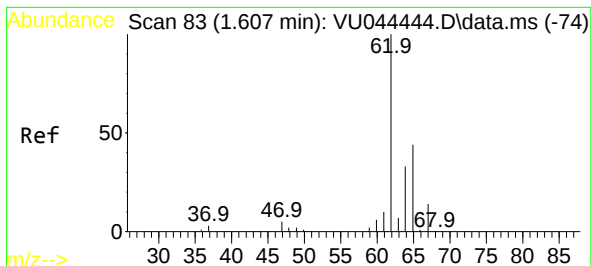
Tgt Ion: 85 Resp: 5315
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 0.574 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 50 Resp: 8884
Ion Ratio Lower Upper
50 100
52 31.4 22.8 42.4

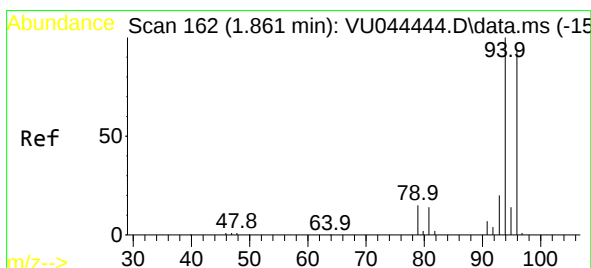
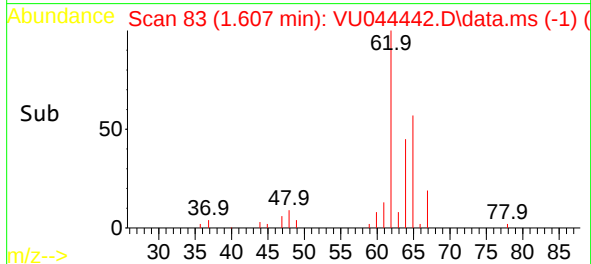
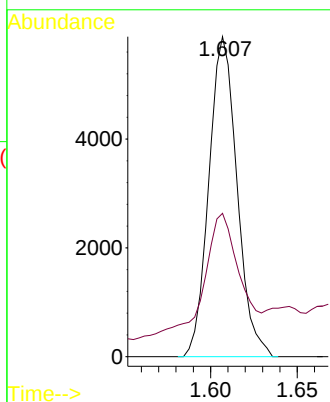
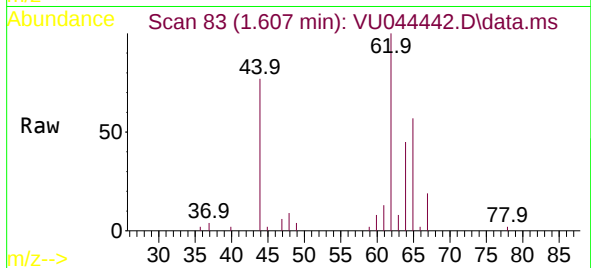




#5
 Vinyl chloride
 Concen: 0.464 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

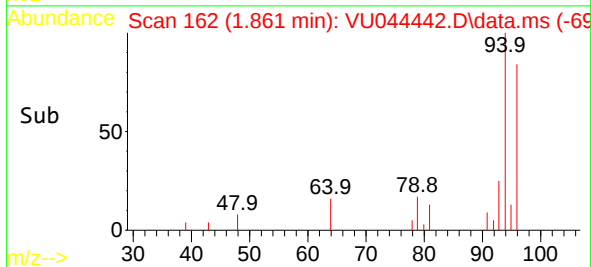
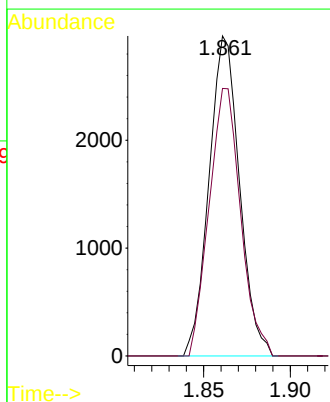
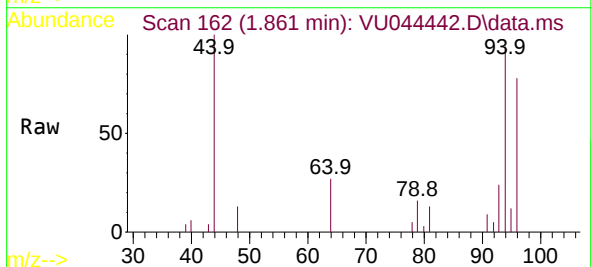
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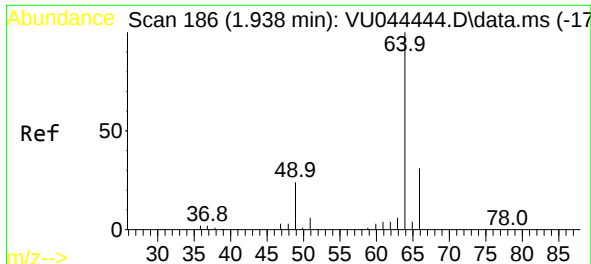
Tgt Ion: 62 Resp: 6645
 Ion Ratio Lower Upper
 62 100
 64 44.8 23.2 43.0#



#6
 Bromomethane
 Concen: 0.467 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

Tgt Ion: 94 Resp: 3635
 Ion Ratio Lower Upper
 94 100
 96 83.6 65.2 121.2

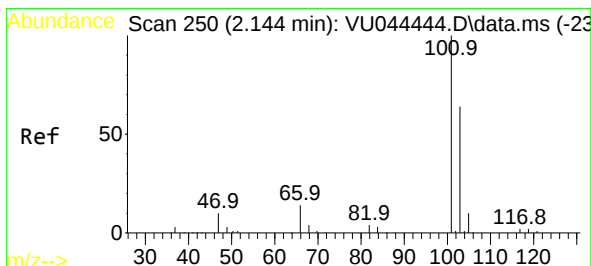
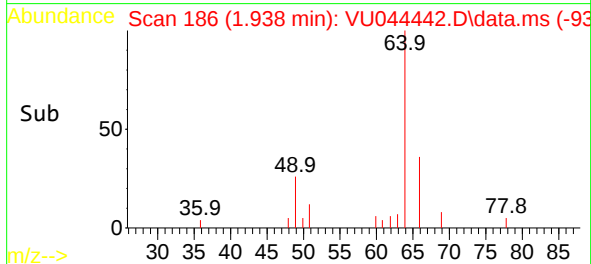
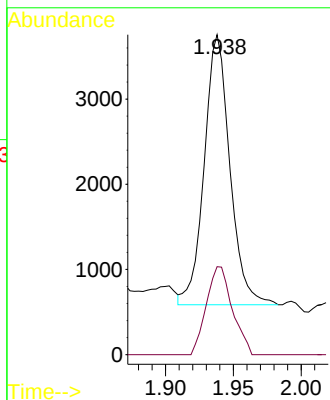
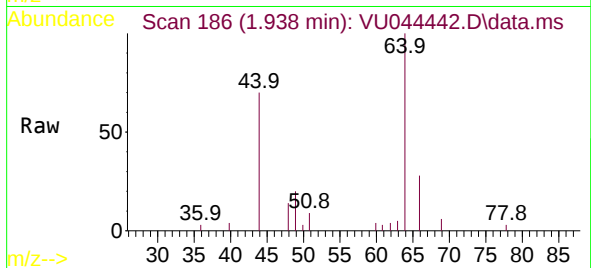




#8
Chloroethane
Concen: 0.477 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

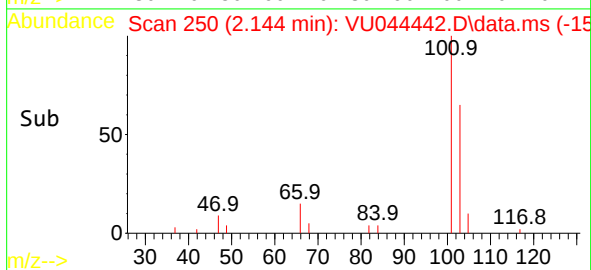
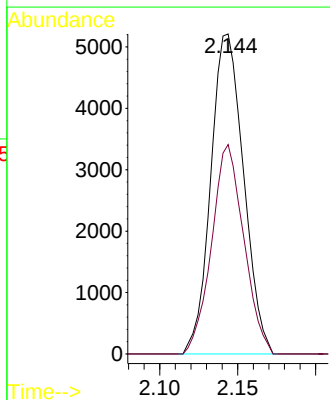
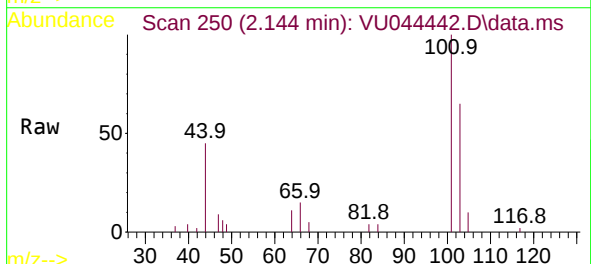
Instrument :
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ClientSampleId :
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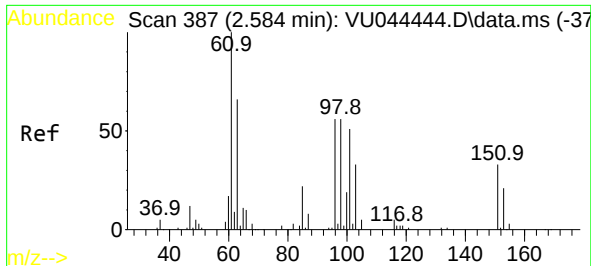
Tgt Ion: 64 Resp: 4172
Ion Ratio Lower Upper
64 100
66 27.5 21.3 39.5



#9
Trichlorofluoromethane
Concen: 0.466 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:101 Resp: 7625
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4

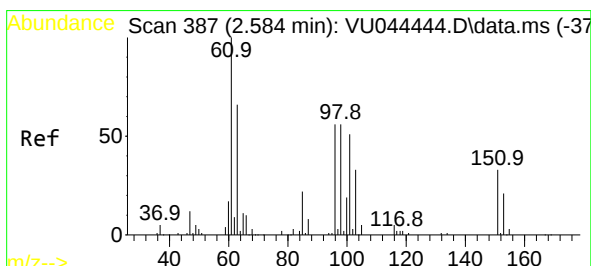
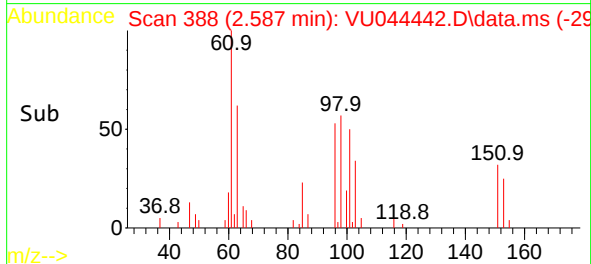
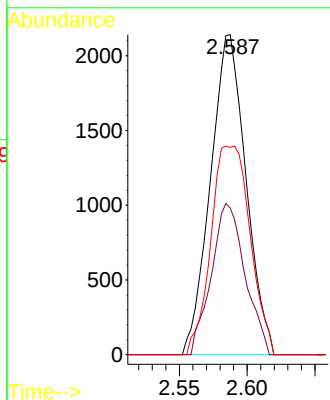
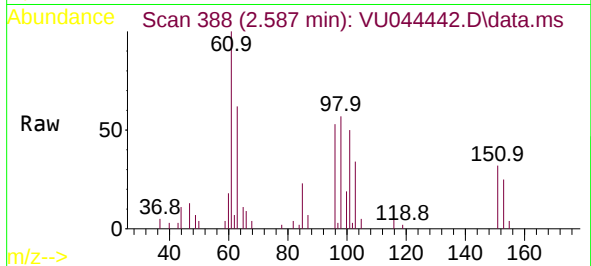




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.433 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

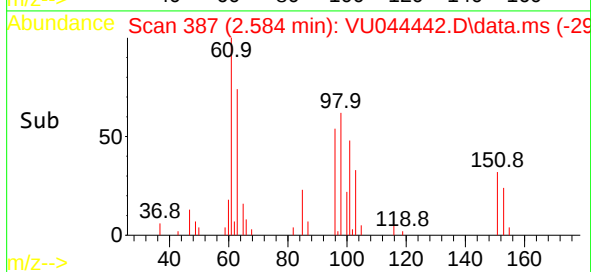
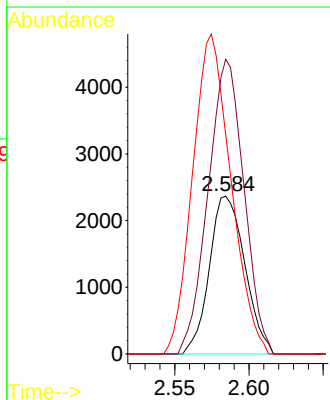
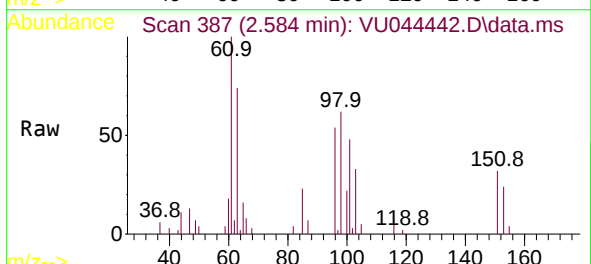
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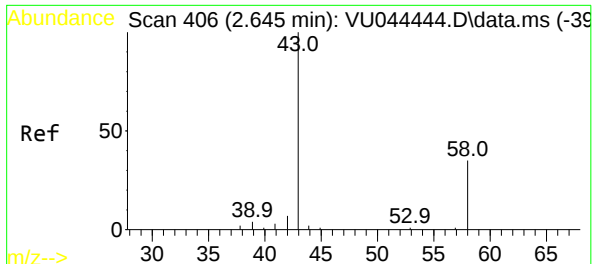
Tgt Ion:101 Resp: 3896
Ion Ratio Lower Upper
101 100
85 44.9 35.3 52.9
151 72.1 53.0 79.6



#12
1,1-Dichloroethene
Concen: 0.445 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 96 Resp: 3927
Ion Ratio Lower Upper
96 100
61 186.8 126.1 234.3
63 138.9 84.8 157.6

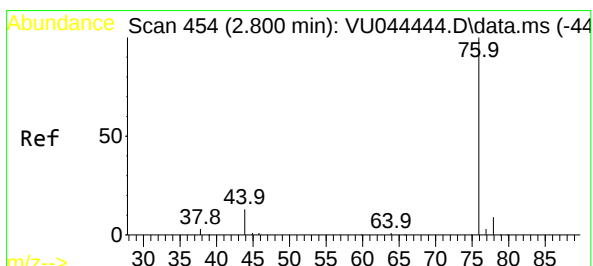
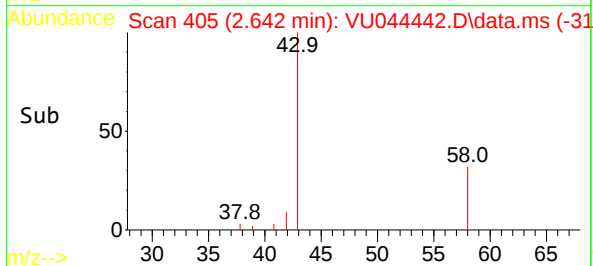
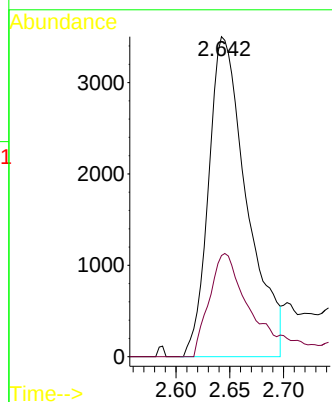
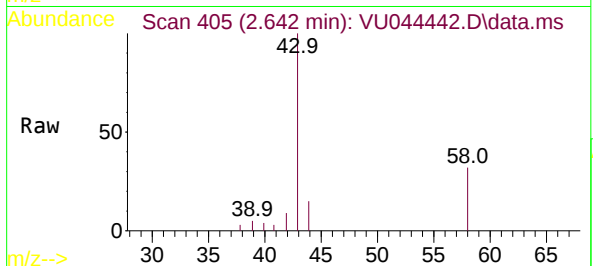




#13
Acetone
Concen: 5.630 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

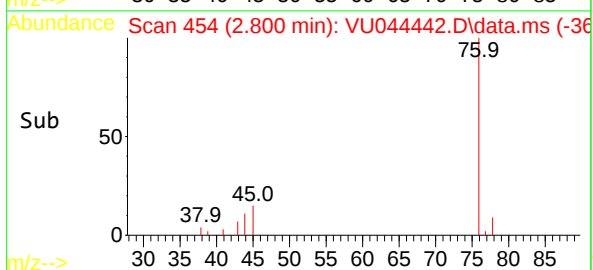
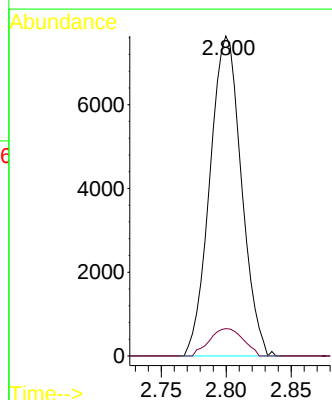
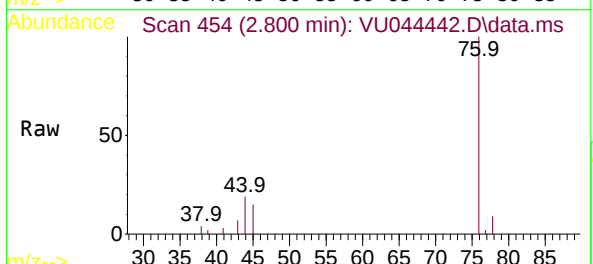
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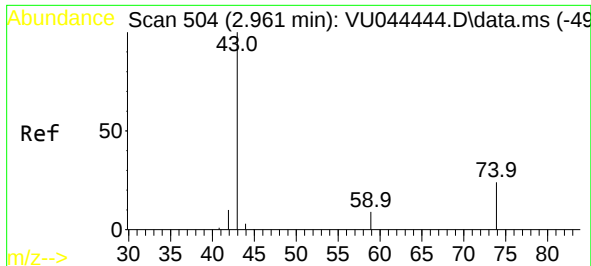
Tgt Ion: 43 Resp: 8662
Ion Ratio Lower Upper
43 100
58 37.0 0.0 45.4



#14
Carbon disulfide
Concen: 0.450 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 76 Resp: 12889
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

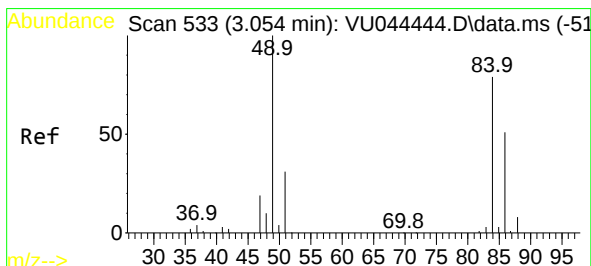
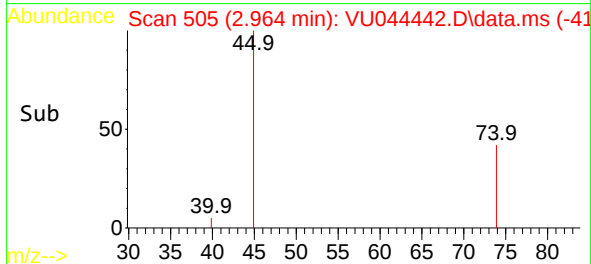
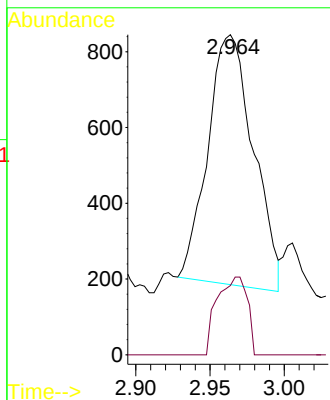
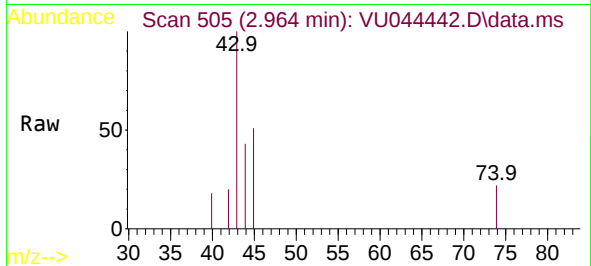




#15
Methyl Acetate
Concen: 0.404 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

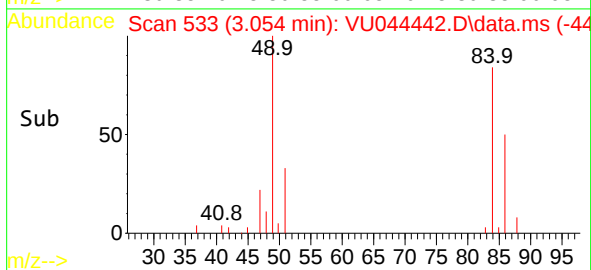
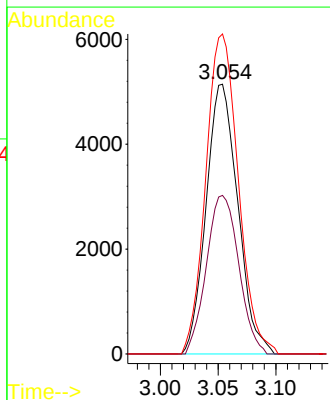
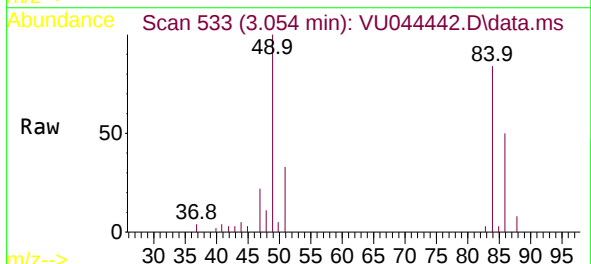
Instrument :
MSVOA_U
ClientSampled :
VSTD0.5015

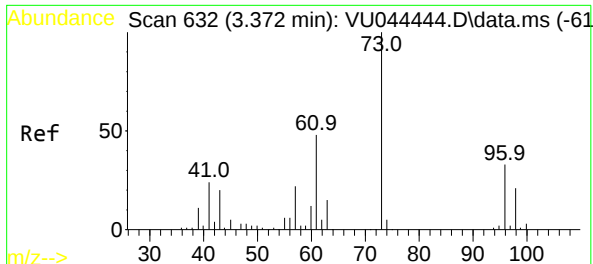
Tgt Ion: 43 Resp: 1407
Ion Ratio Lower Upper
43 100
74 20.5 19.0 28.4



#16
Methylene chloride
Concen: 0.749 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 84 Resp: 9829
Ion Ratio Lower Upper
84 100
86 58.8 45.2 84.0
49 124.8 88.8 165.0



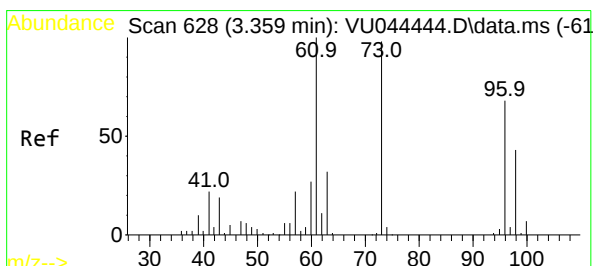
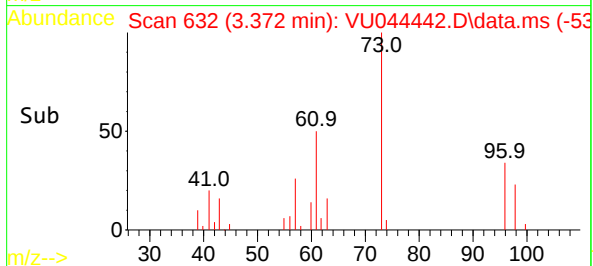
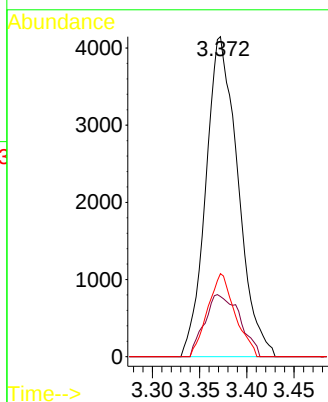
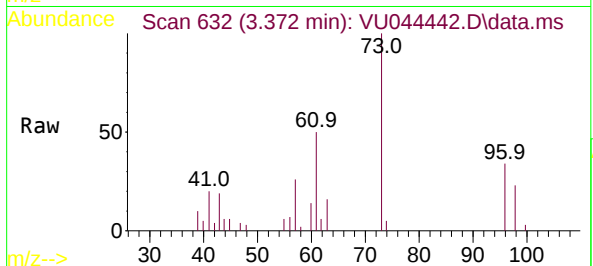


#17

Methyl tert-butyl Ether
 Concen: 0.428 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. -0.000 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5015

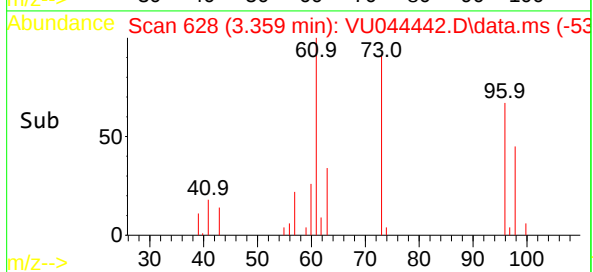
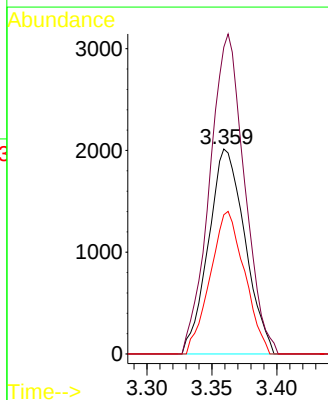
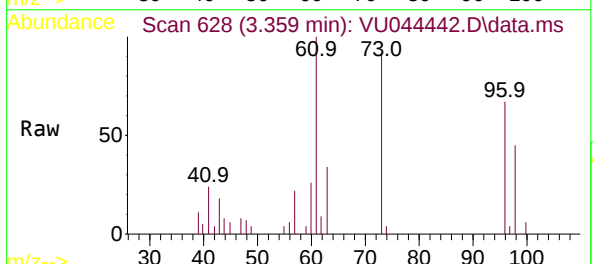
Tgt Ion: 73	Resp: 9768
Ion Ratio	Lower Upper
73 100	
43 21.3	16.2 24.4
57 22.2	17.8 26.8

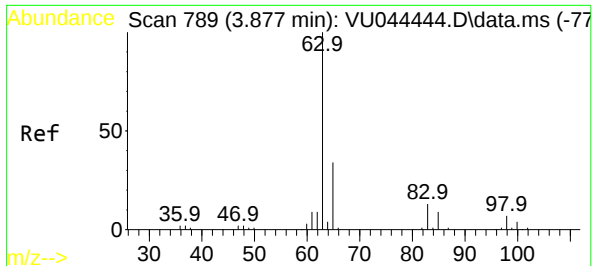


#18

trans-1,2-Dichloroethene
 Concen: 0.428 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. -0.000 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

Tgt Ion: 96	Resp: 3940		
Ion Ratio	Lower	Upper	
96	100		
61	149.6	103.7	192.5
98	67.9	44.7	83.1





#19

1,1-Dichloroethane

Concen: 0.461 ug/L

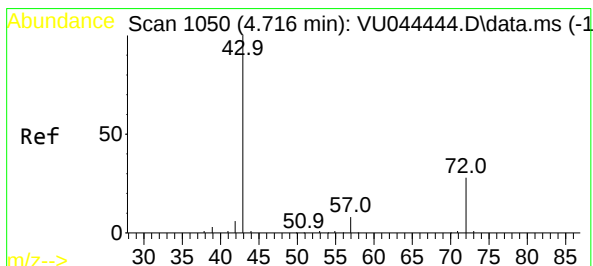
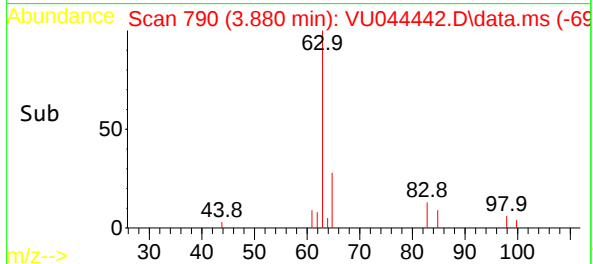
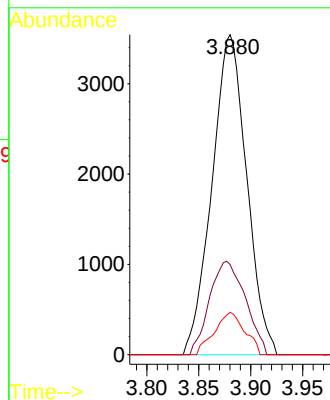
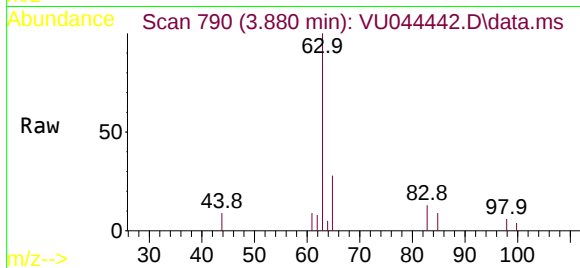
RT: 3.880 min Scan# 790

Delta R.T. 0.003 min

Lab File: VU044442.D

Acq: 18 Aug 2021 11:19

Tgt Ion: 63	Resp: 8234
Ion Ratio	Lower Upper
63 100	
65 28.2	23.4 43.6
83 13.2	9.0 16.6



#21

2-Butanone

Concen: 3.595 ug/L

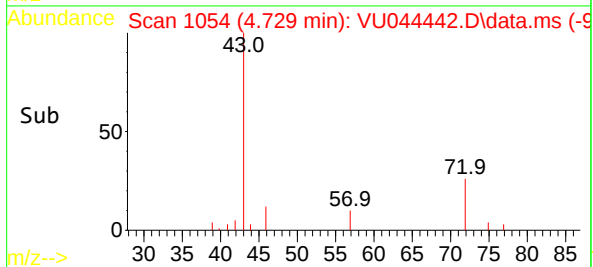
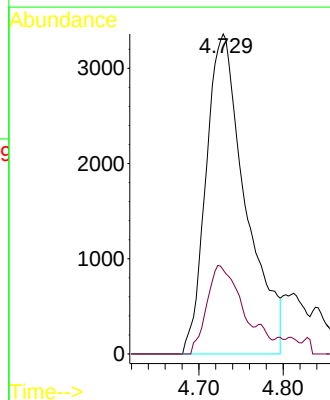
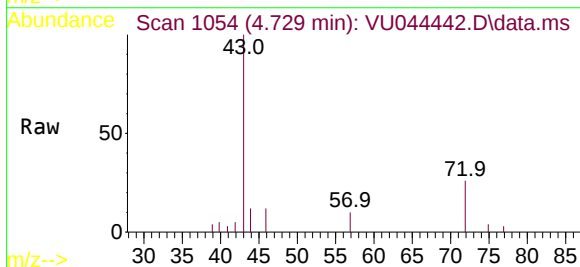
RT: 4.729 min Scan# 1054

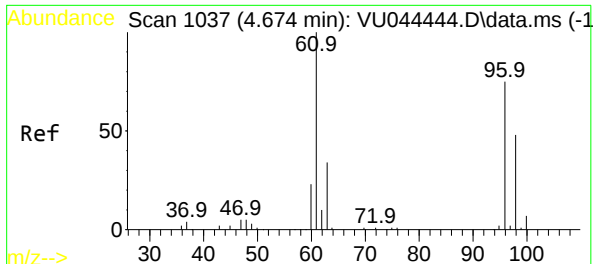
Delta R.T. 0.013 min

Lab File: VU044442.D

Acq: 18 Aug 2021 11:19

Tgt Ion: 43	Resp: 10936		
Ion Ratio	Lower	Upper	
43 100			
72 22.8	14.1	42.4	





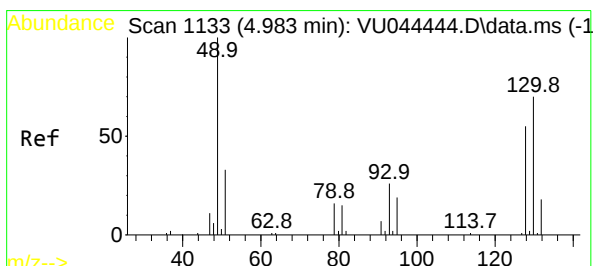
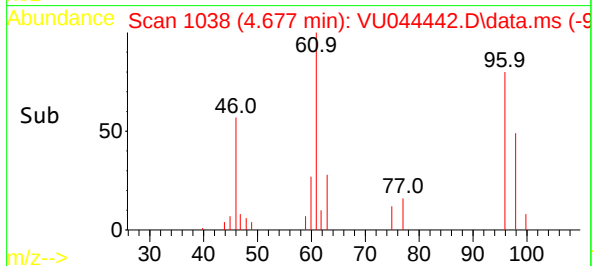
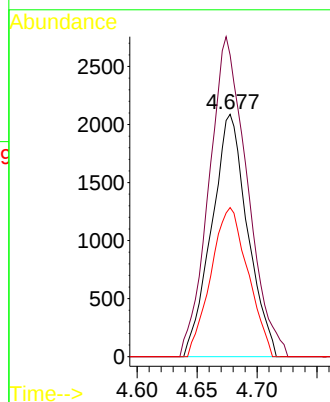
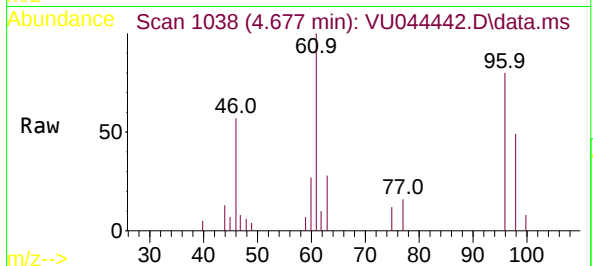
#22

cis-1,2-Dichloroethene
Concen: 0.441 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Instrument :
MSVOA_U
ClientSampled :
VSTD0.5015

Tgt Ion: 96 Resp: 4337

Ion	Ratio	Lower	Upper
96	100		
61	124.4	93.9	174.5
98	61.5	44.7	83.1

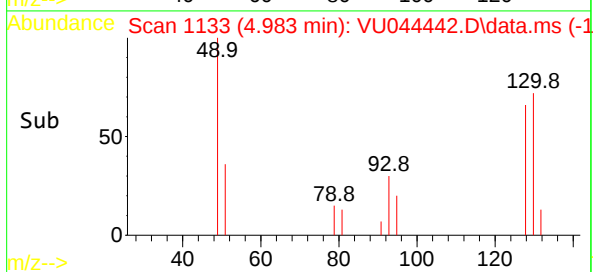
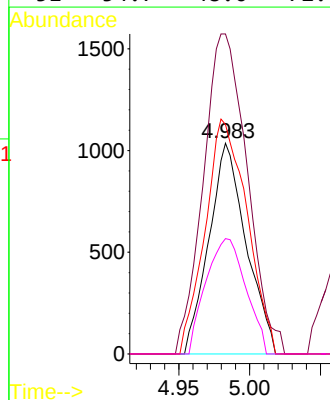
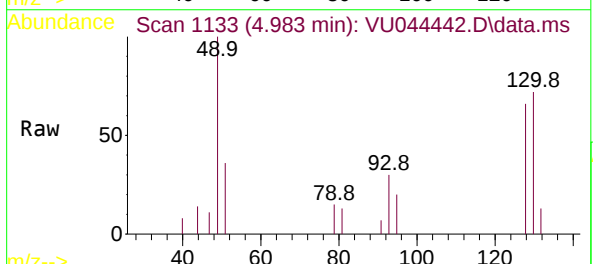


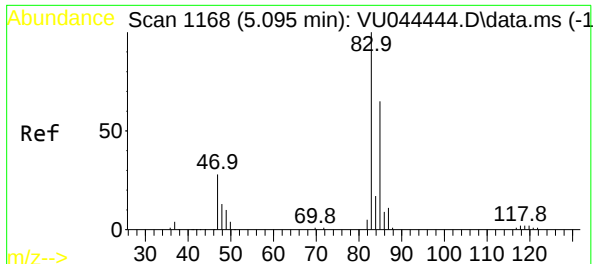
#23

Bromochloromethane
Concen: 0.436 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 128 Resp: 1893

Ion	Ratio	Lower	Upper
128	100		
49	151.8	128.1	237.9
130	108.9	89.2	165.8
51	54.7	48.0	72.0





#25

Chloroform

Concen: 0.461 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044442.D

Acq: 18 Aug 2021 11:19

Tgt Ion: 83 Resp: 8447

Ion Ratio Lower Upper

83 100

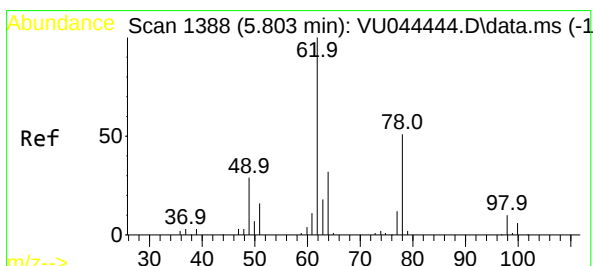
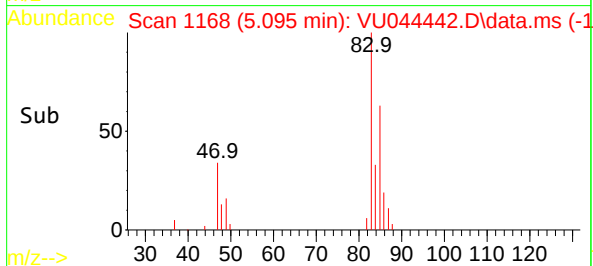
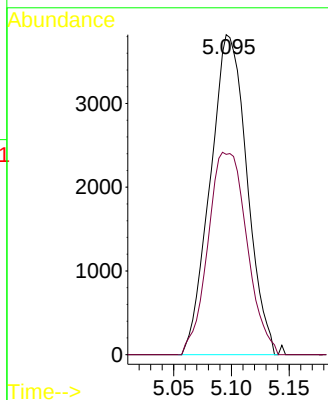
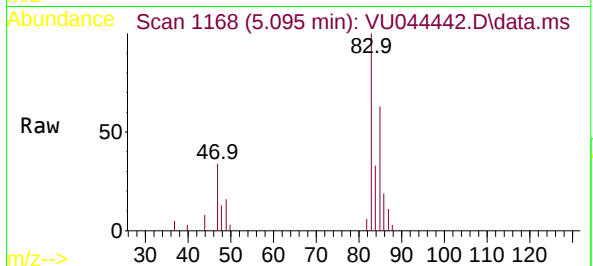
85 62.6 45.3 84.1

Instrument :

MSVOA_U

ClientSampleId :

VSTD0.5015



#27

1,2-Dichloroethane

Concen: 0.454 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU044442.D

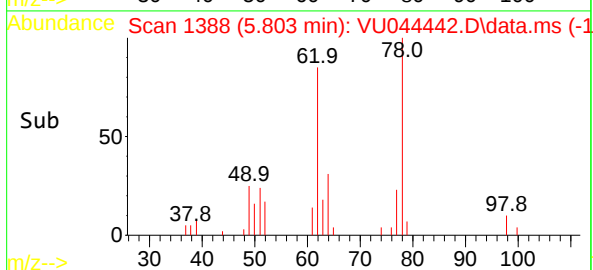
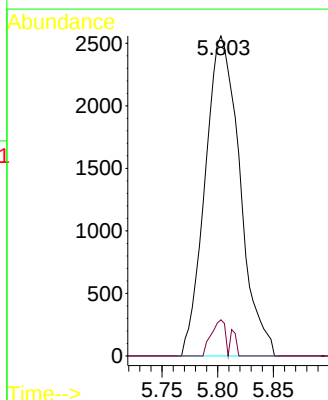
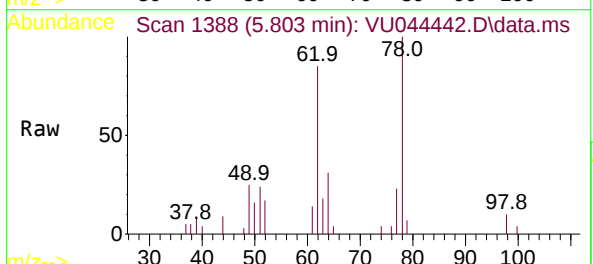
Acq: 18 Aug 2021 11:19

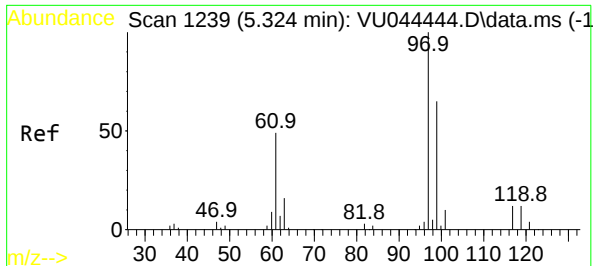
Tgt Ion: 62 Resp: 5549

Ion Ratio Lower Upper

62 100

98 11.3 8.0 12.0

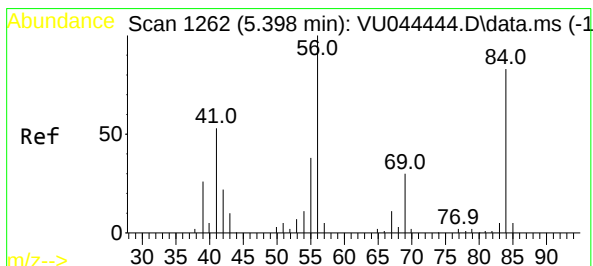
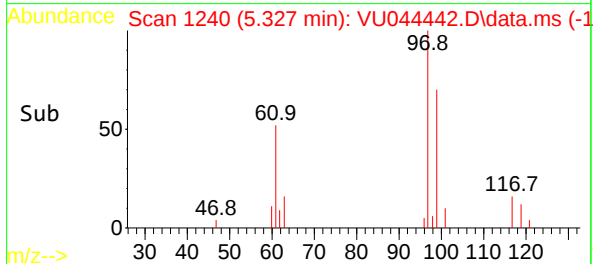
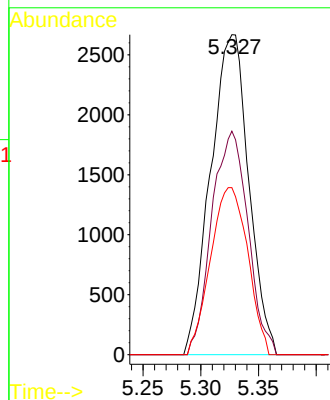
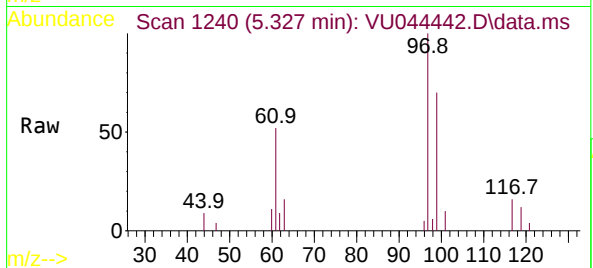




#29
1,1,1-Trichloroethane
Concen: 0.415 ug/L
RT: 5.327 min Scan# 1240
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

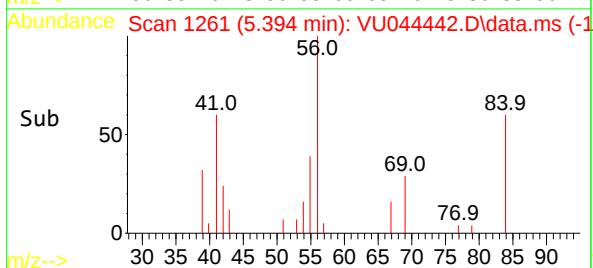
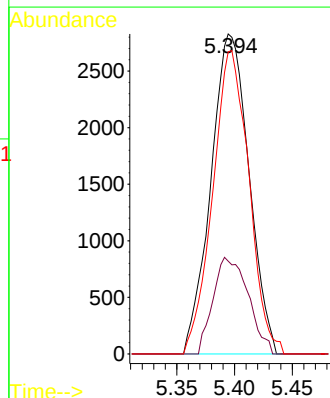
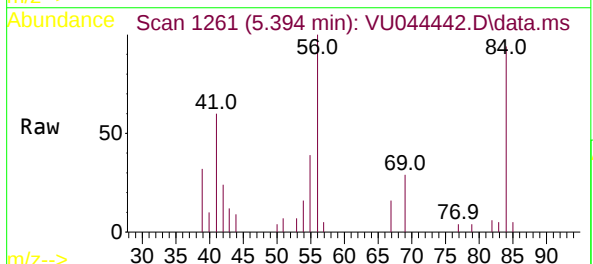
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

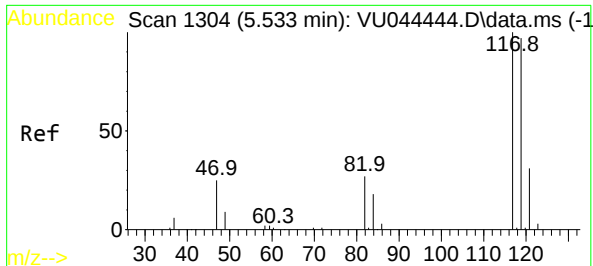
Tgt Ion:	97	Resp:	6121
Ion	Ratio	Lower	Upper
97	100		
99	66.4	52.5	78.7
61	51.0	39.2	58.8



#30
Cyclohexane
Concen: 0.397 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:	56	Resp:	6477
Ion	Ratio	Lower	Upper
56	100		
69	27.9	24.3	36.5
84	90.2	68.4	102.6

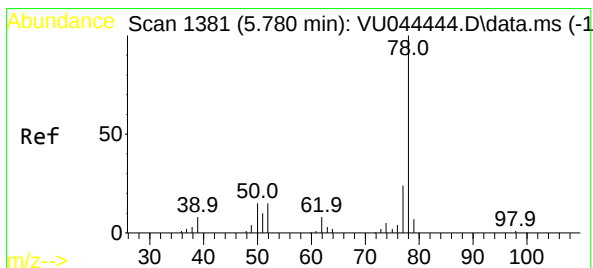
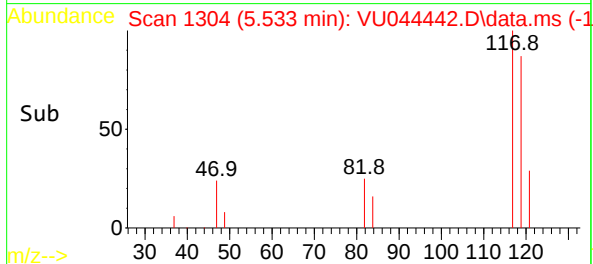
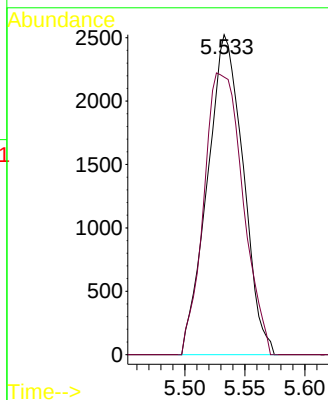
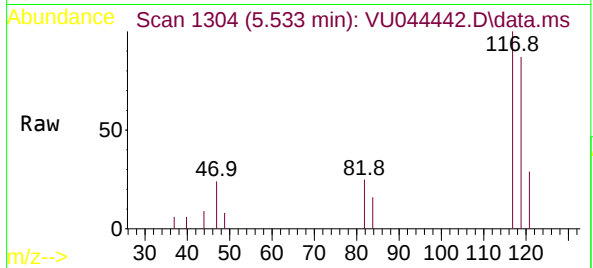




#31
Carbon tetrachloride
Concen: 0.432 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

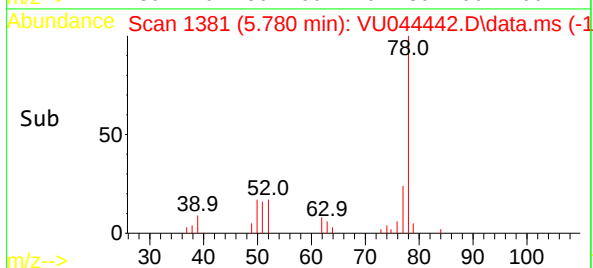
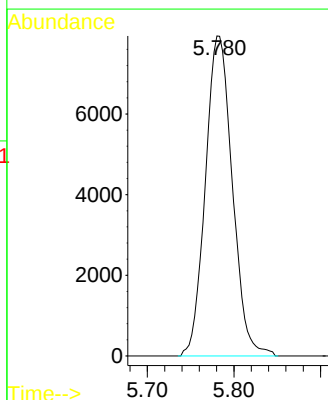
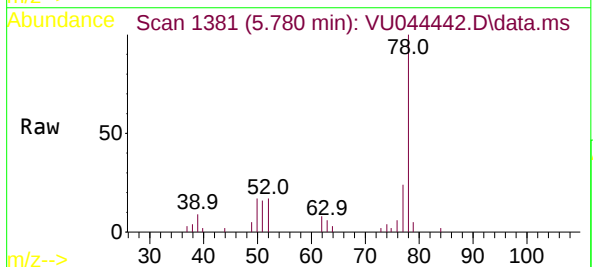
Instrument :
MSVOA_U
ClientSampled :
VSTD0.5015

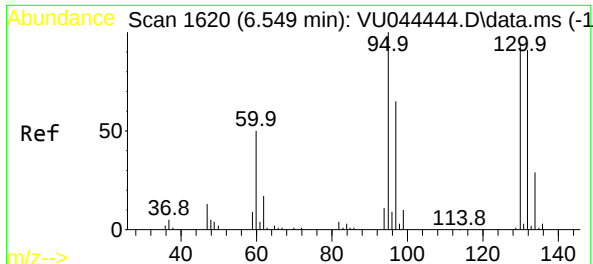
Tgt Ion:117 Resp: 5241
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8



#33
Benzene
Concen: 0.429 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 78 Resp: 17157



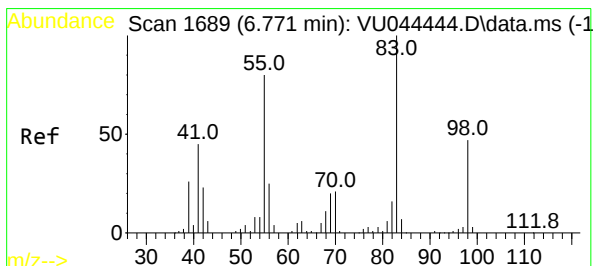
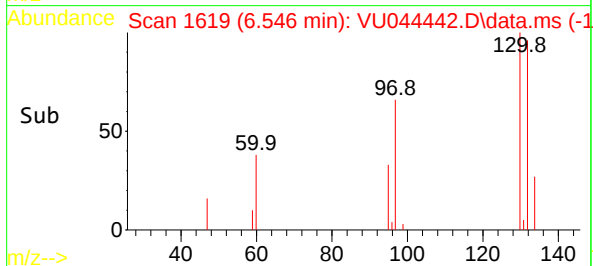
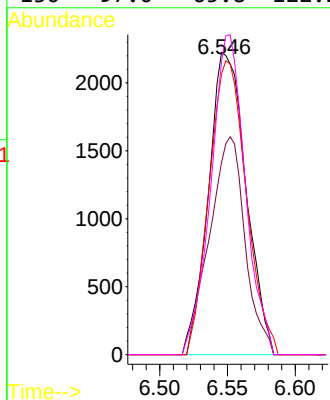
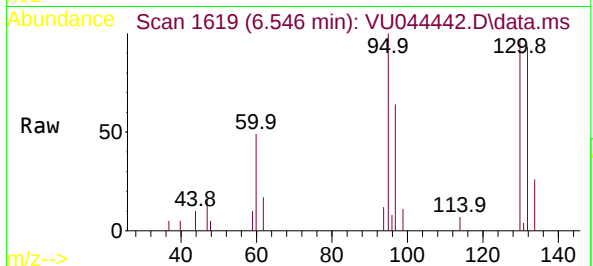


#34
Trichloroethene
Concen: 0.434 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

Tgt Ion: 95 Resp: 4289

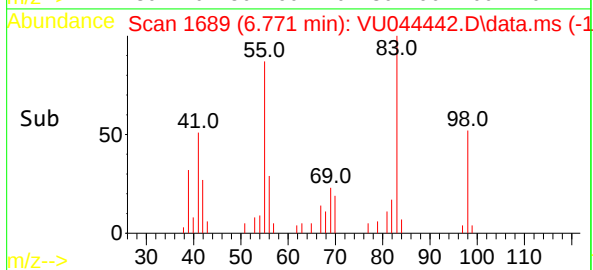
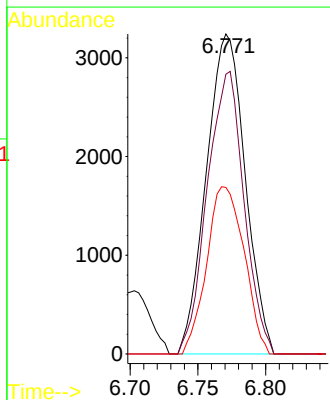
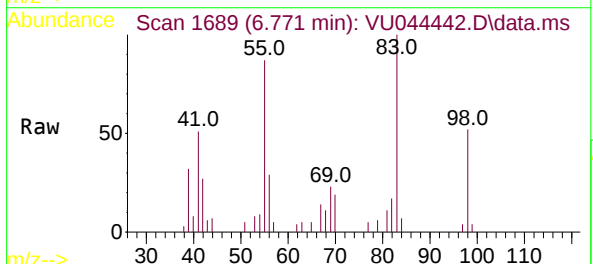
Ion	Ratio	Lower	Upper
95	100		
97	63.6	45.6	84.8
132	92.9	63.4	117.8
130	97.0	65.8	122.2

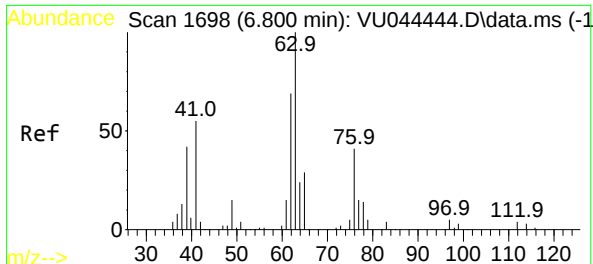


#35
Methylcyclohexane
Concen: 0.392 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 83 Resp: 6464

Ion	Ratio	Lower	Upper
83	100		
55	83.5	64.8	97.2
98	50.4	37.5	56.3

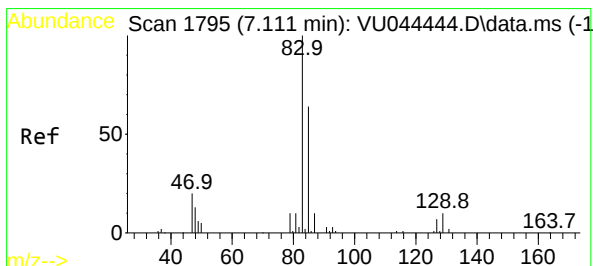
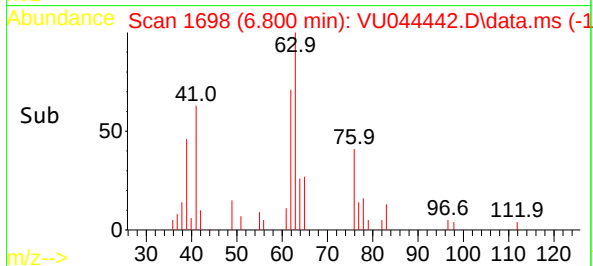
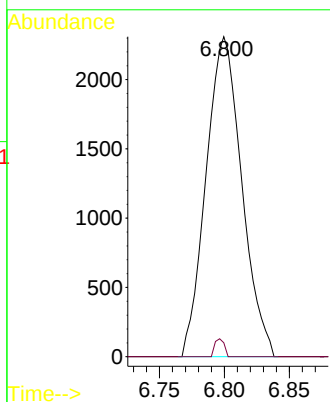
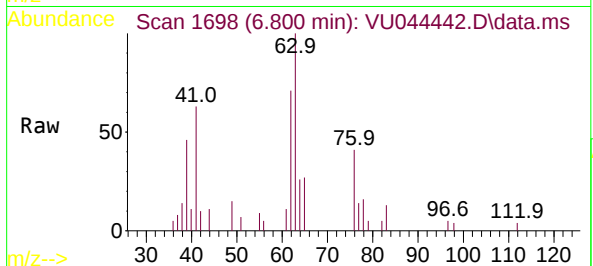




#37
1,2-Dichloropropane
Concen: 0.422 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

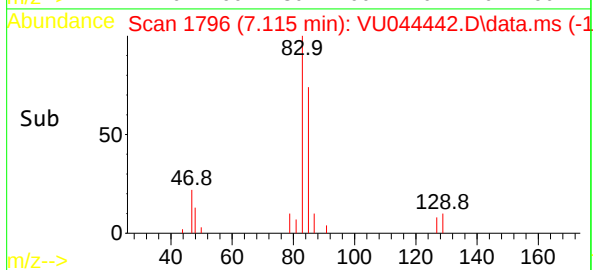
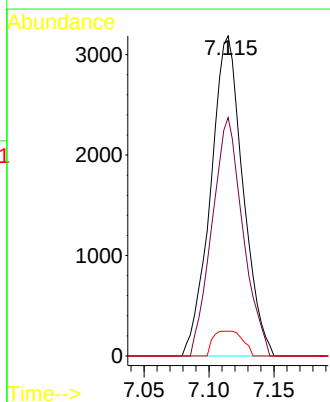
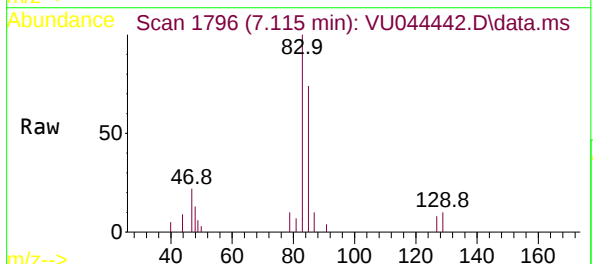
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

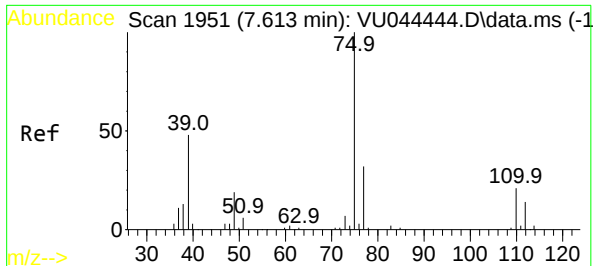
Tgt Ion: 63 Resp: 4415
Ion Ratio Lower Upper
63 100
112 1.5 3.3 4.9#



#38
Bromodichloromethane
Concen: 0.429 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 83 Resp: 5515
Ion Ratio Lower Upper
83 100
85 74.5 44.6 82.8
127 7.7 5.9 8.9



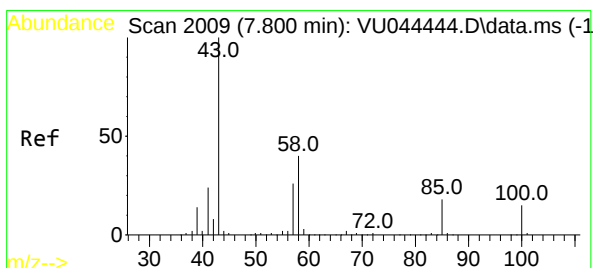
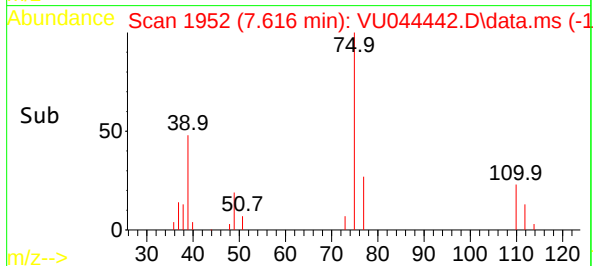
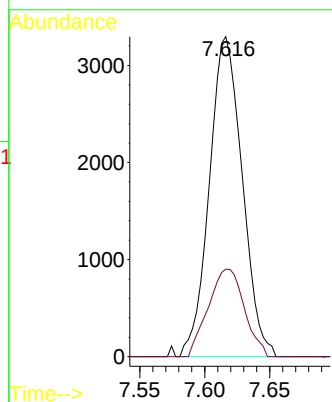
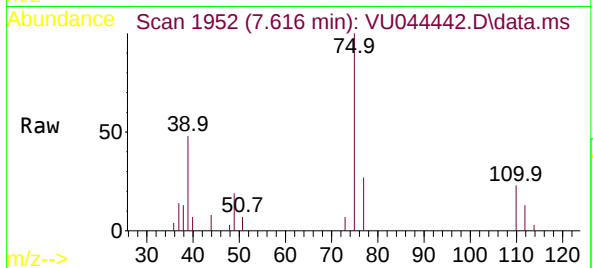


#39

cis-1,3-Dichloropropene
Concen: 0.395 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

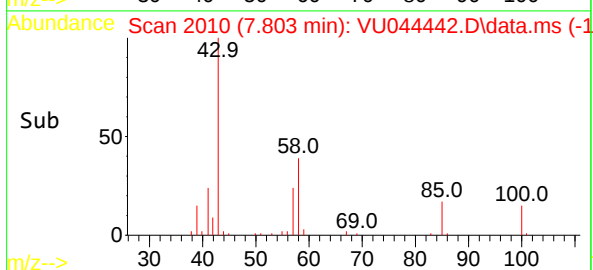
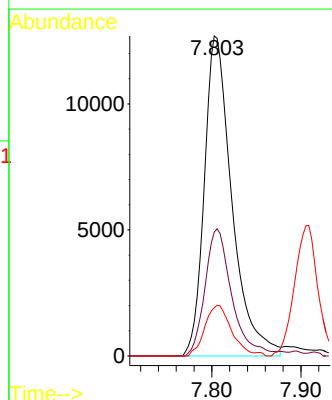
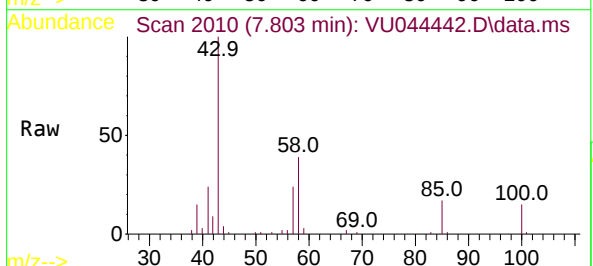
Tgt Ion: 75 Resp: 5804
Ion Ratio Lower Upper
75 100
77 27.4 22.2 41.2

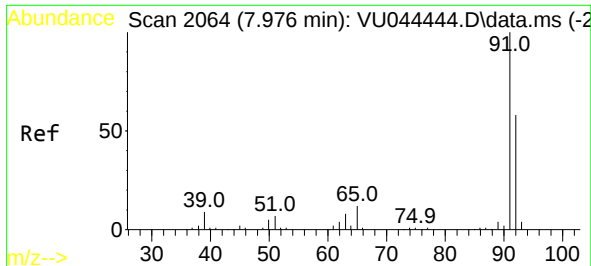


#40

4-Methyl-2-pentanone
Concen: 3.844 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 43 Resp: 27336
Ion Ratio Lower Upper
43 100
58 39.1 32.5 48.7
100 15.1 12.3 18.5

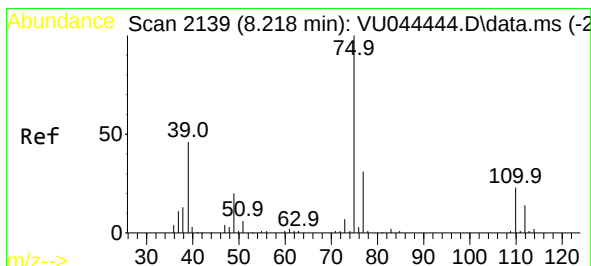
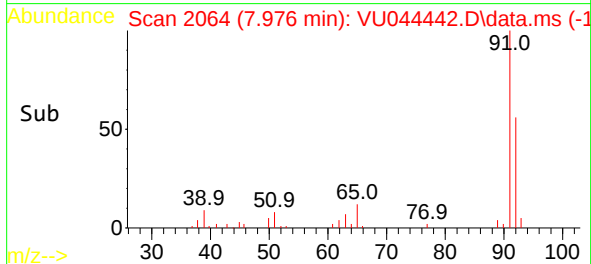
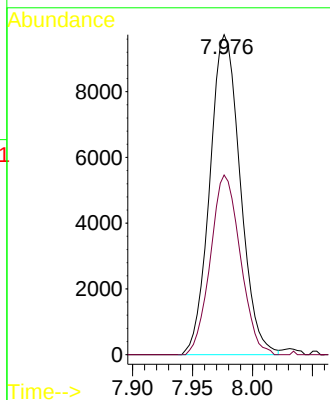
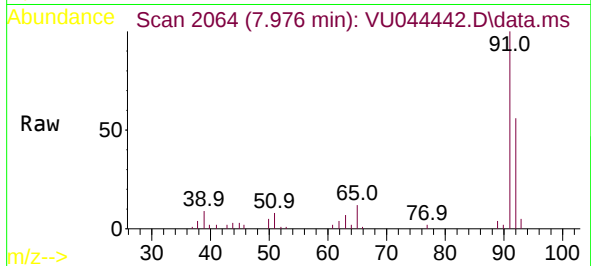




#42
Toluene
Concen: 0.412 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

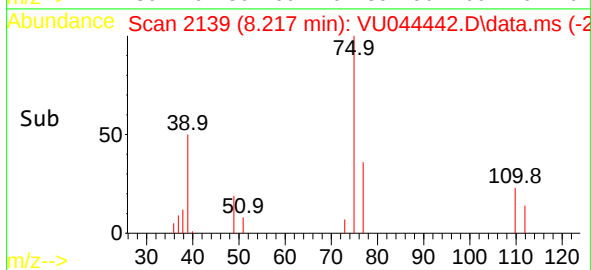
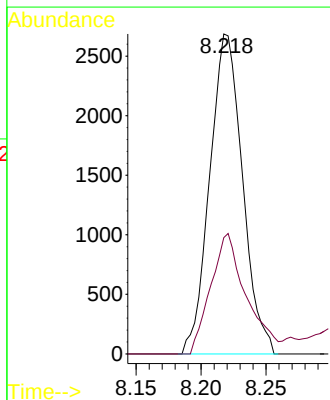
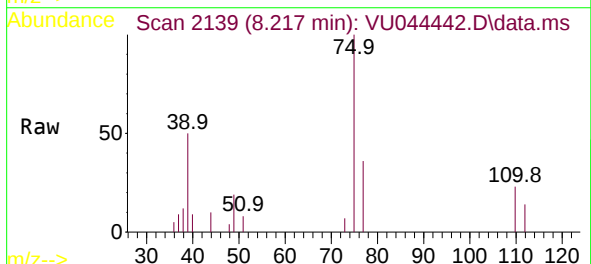
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

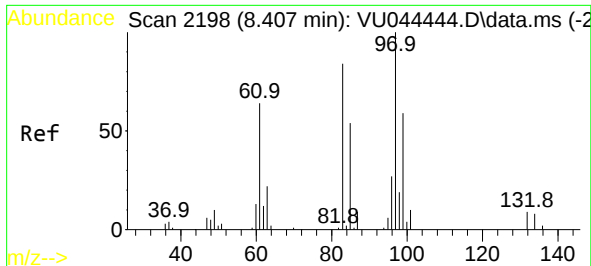
Tgt Ion: 91 Resp: 17181
Ion Ratio Lower Upper
91 100
92 56.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 0.378 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 75 Resp: 4707
Ion Ratio Lower Upper
75 100
77 36.3 21.6 40.2

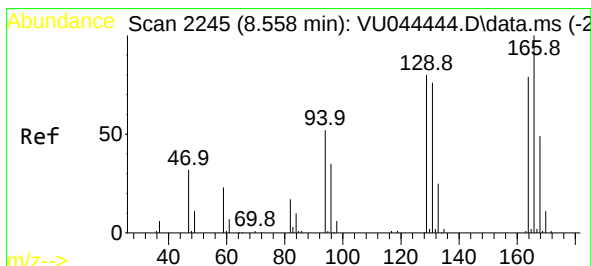
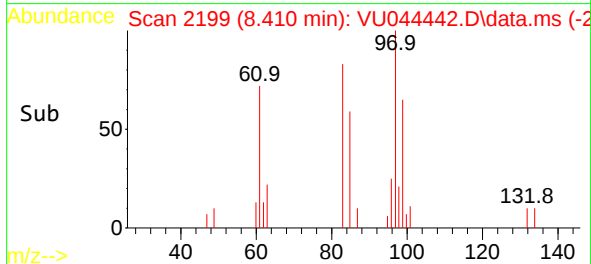
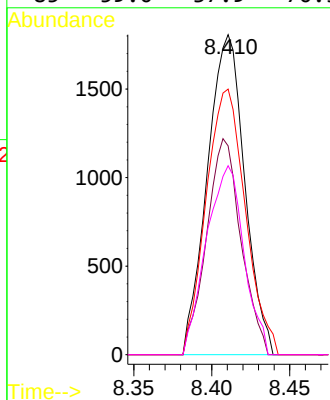
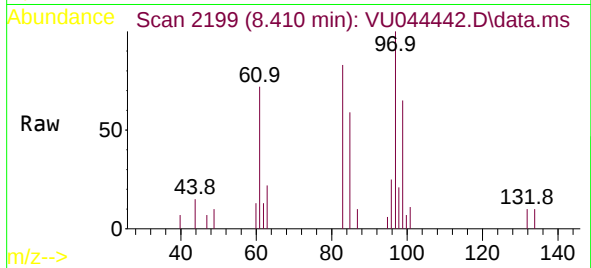




#45
1,1,2-Trichloroethane
Concen: 0.403 ug/L
RT: 8.410 min Scan# 2199
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

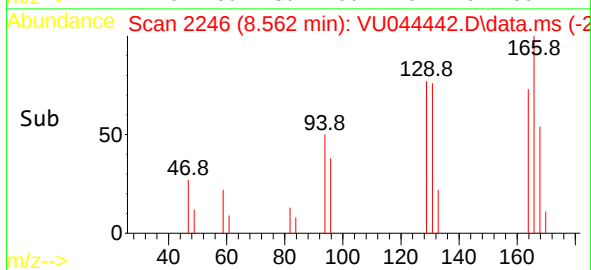
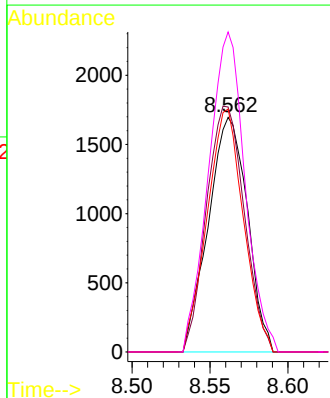
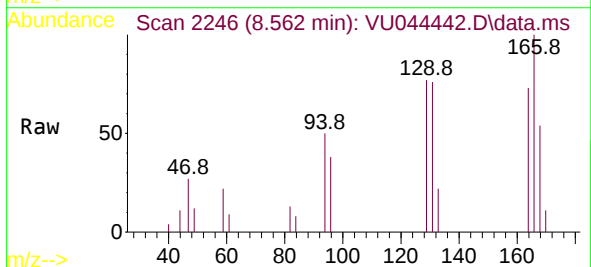
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

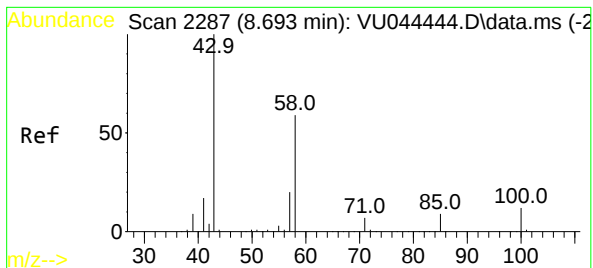
Tgt Ion:	97	Resp:	3008
Ion	Ratio	Lower	Upper
97	100		
99	65.2	41.3	76.7
83	83.0	58.6	108.8
85	59.0	37.9	70.5



#47
Tetrachloroethene
Concen: 0.431 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:	164	Resp:	2948
Ion	Ratio	Lower	Upper
164	100		
129	104.4	71.0	131.8
131	103.6	68.0	126.4
166	136.4	89.0	165.4





#48

2-Hexanone

Concen: 3.899 ug/L

RT: 8.700 min Scan# 2289

Delta R.T. 0.006 min

Lab File: VU044442.D

Acq: 18 Aug 2021 11:19

Tgt Ion: 43 Resp: 19788

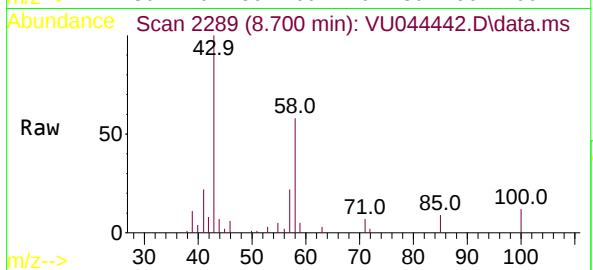
Ion Ratio Lower Upper

43 100

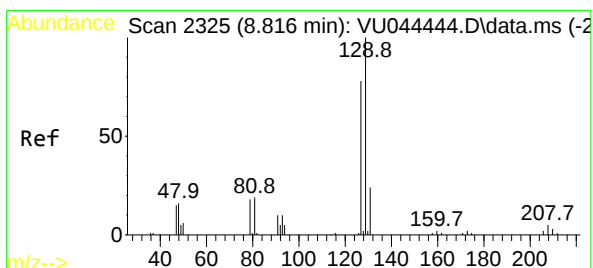
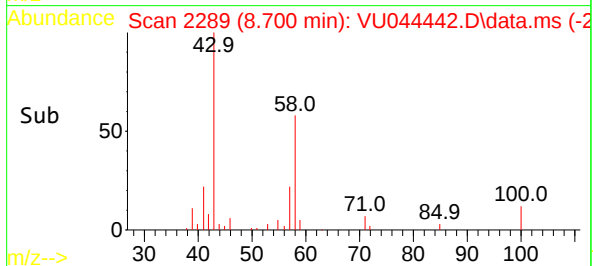
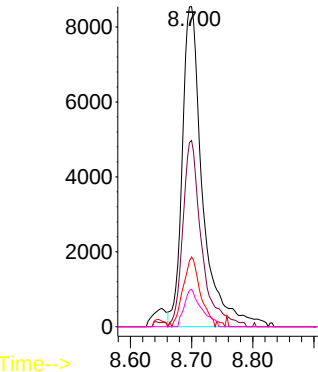
58 53.4 46.5 69.7

57 18.3 15.8 23.8

100 9.8 9.8 14.8#



Abundance



#49

Dibromochloromethane

Concen: 0.397 ug/L

RT: 8.819 min Scan# 2326

Delta R.T. 0.003 min

Lab File: VU044442.D

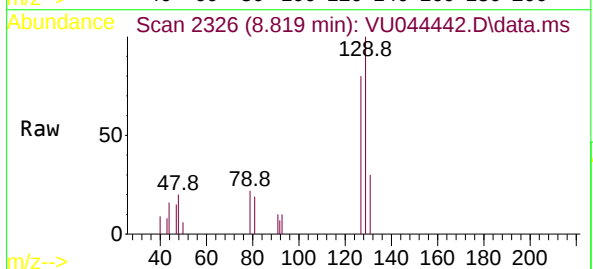
Acq: 18 Aug 2021 11:19

Tgt Ion: 129 Resp: 3139

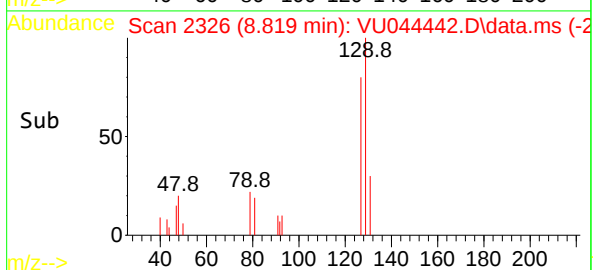
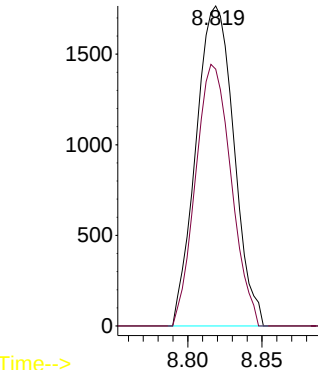
Ion Ratio Lower Upper

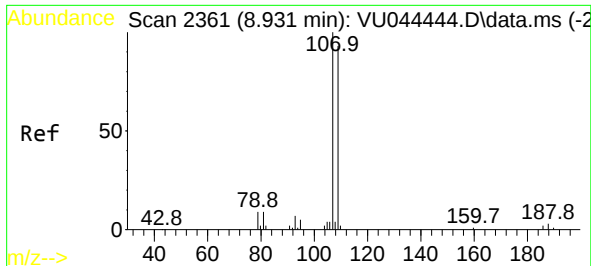
129 100

127 80.2 54.7 101.7



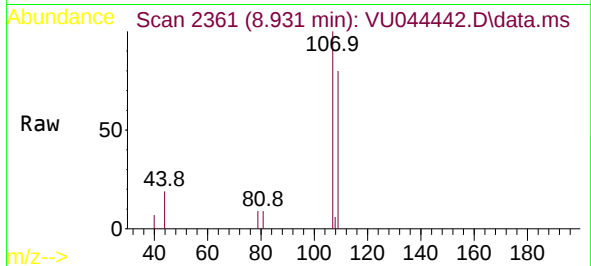
Abundance



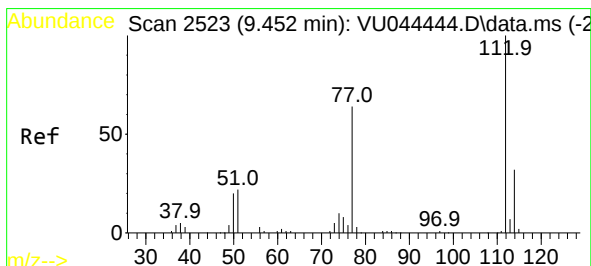
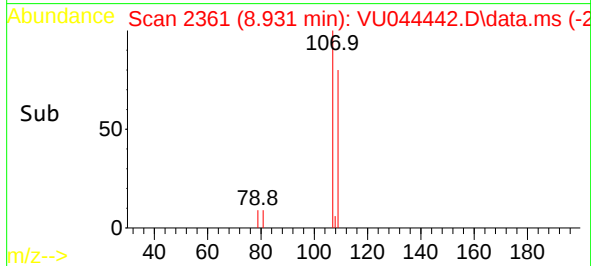
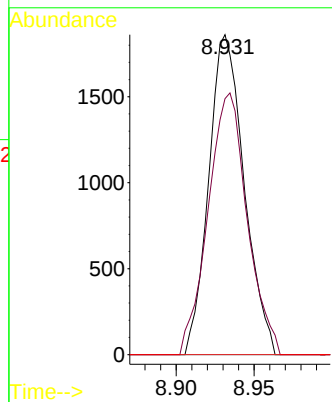


#50
1,2-Dibromoethane
Concen: 0.412 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

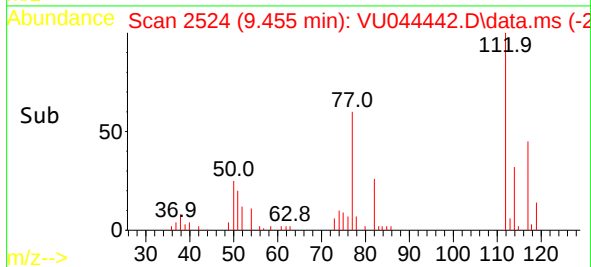
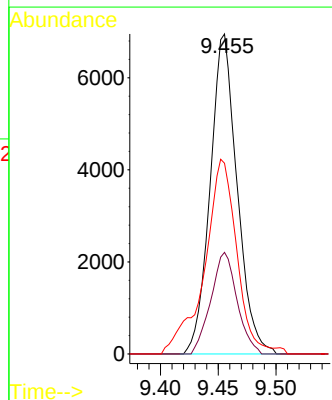
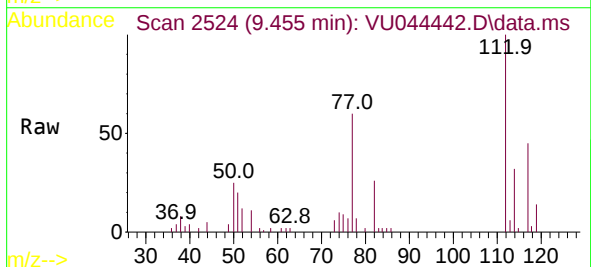


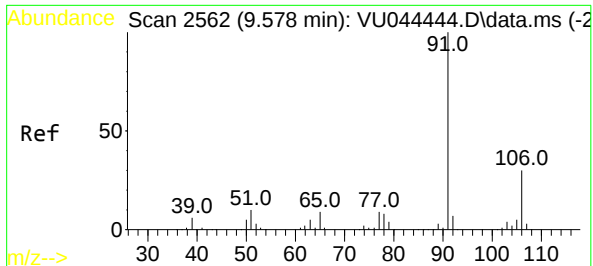
Tgt Ion:107 Resp: 2945
Ion Ratio Lower Upper
107 100
109 80.0 65.2 121.0
188 0.0 2.4 3.6#



#51
Chlorobenzene
Concen: 0.441 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:112 Resp: 11276
Ion Ratio Lower Upper
112 100
114 31.7 22.7 42.1
77 59.6 51.3 76.9





#52

Ethylbenzene

Concen: 0.395 ug/L

RT: 9.578 min Scan# 2562

Delta R.T. -0.000 min

Lab File: VU044442.D

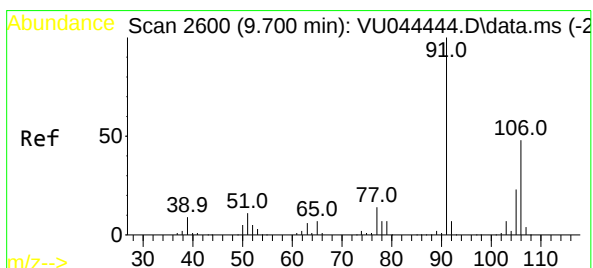
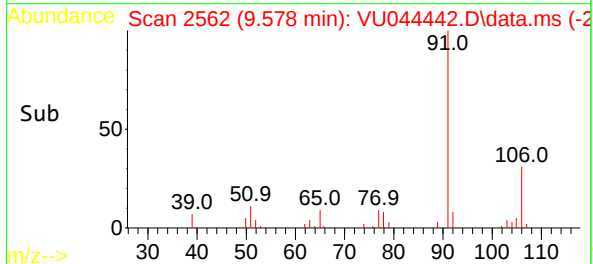
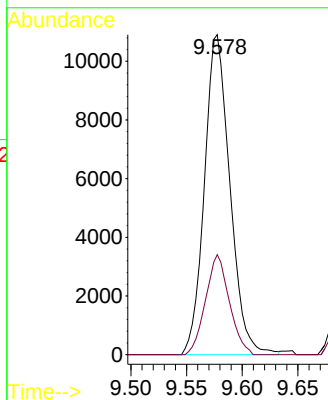
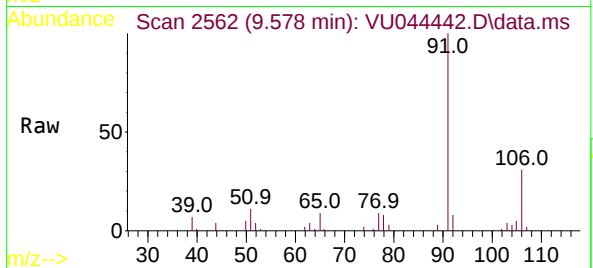
Acq: 18 Aug 2021 11:19

Tgt Ion: 91 Resp: 17385

Ion Ratio Lower Upper

91 100

106 31.2 21.3 39.6



#53

m,p-Xylene

Concen: 0.384 ug/L

RT: 9.703 min Scan# 2601

Delta R.T. 0.003 min

Lab File: VU044442.D

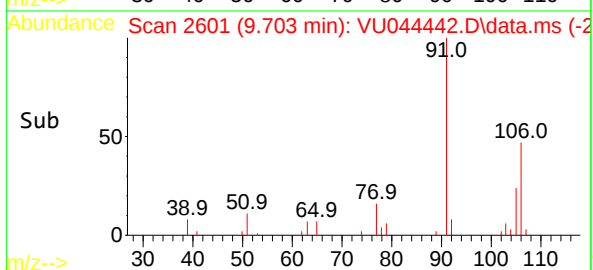
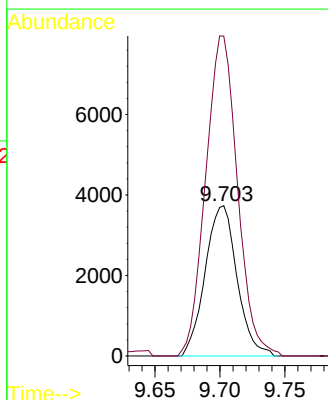
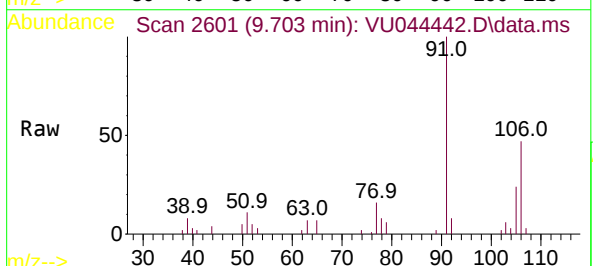
Acq: 18 Aug 2021 11:19

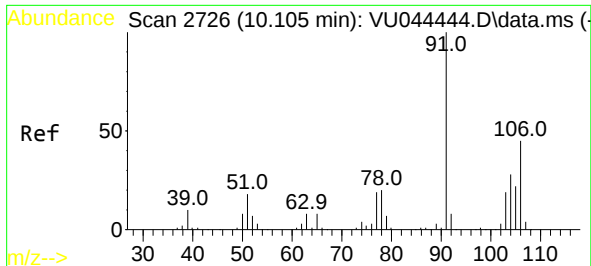
Tgt Ion: 106 Resp: 6356

Ion Ratio Lower Upper

106 100

91 213.0 146.2 271.6

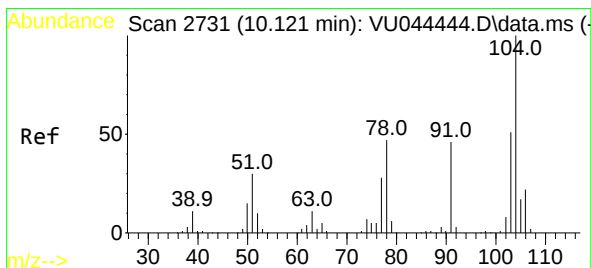
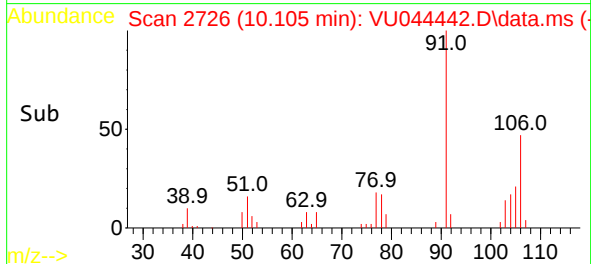
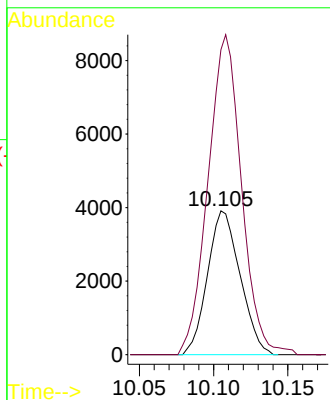
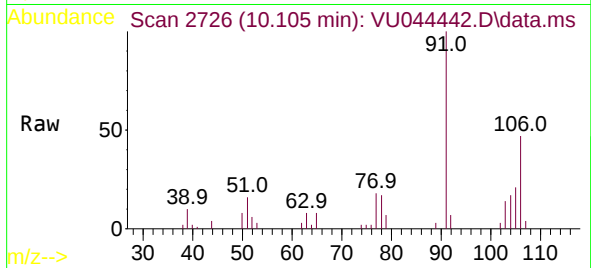




#54
o-Xylene
Concen: 0.371 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

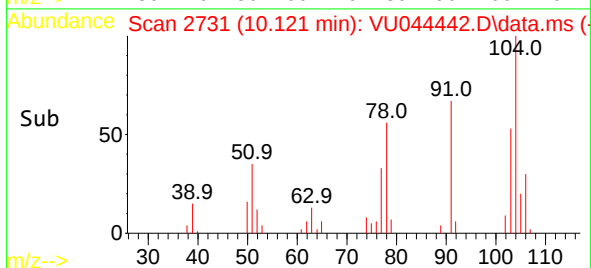
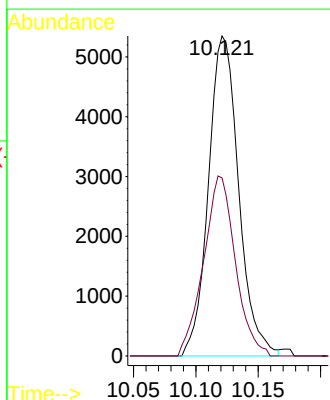
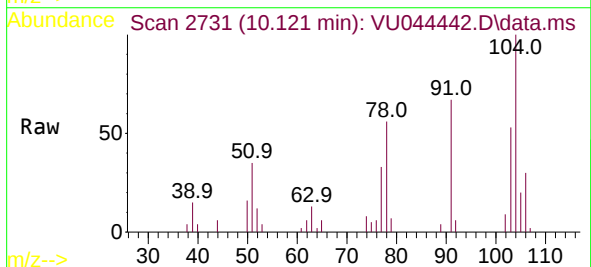
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

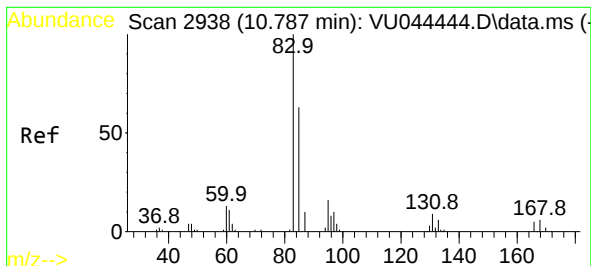
Tgt Ion:106 Resp: 5977
Ion Ratio Lower Upper
106 100
91 211.9 154.4 286.8



#55
Styrene
Concen: 0.342 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:104 Resp: 9032
Ion Ratio Lower Upper
104 100
78 55.7 32.6 60.5

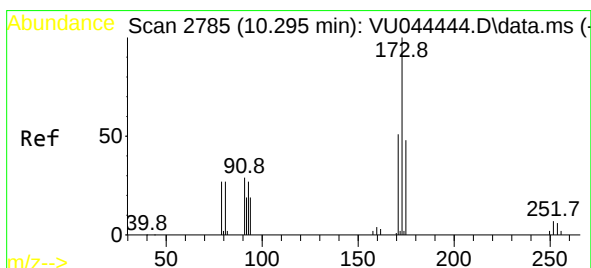
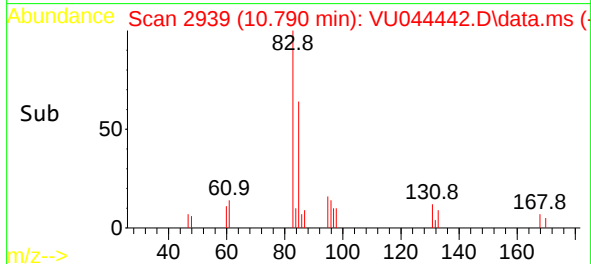
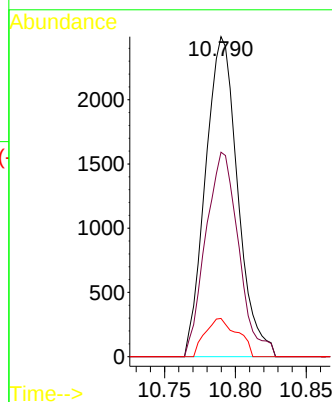
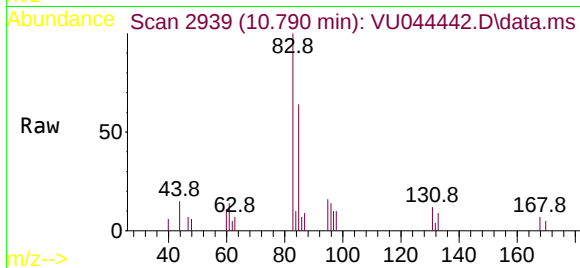




#57
1,1,2,2-Tetrachloroethane
Concen: 0.400 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

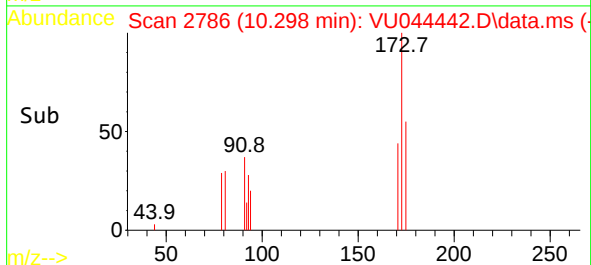
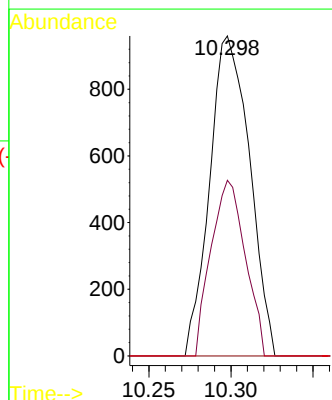
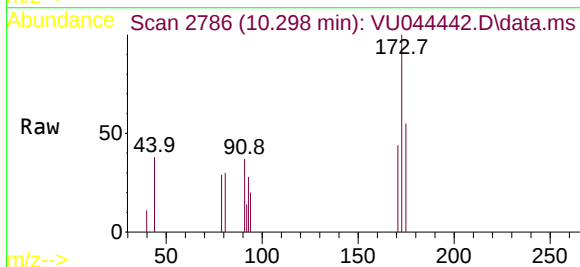
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

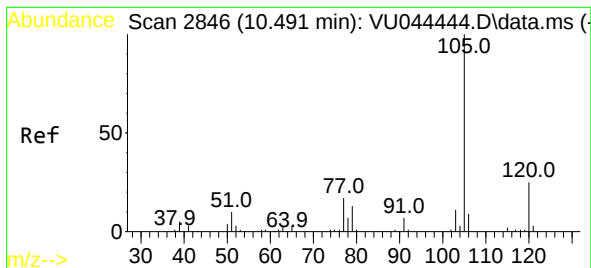
Tgt Ion: 83 Resp: 3934
Ion Ratio Lower Upper
83 100
85 63.9 44.2 82.2
131 12.0 6.9 10.3#



#59
Bromoform
Concen: 0.423 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:173 Resp: 1621
Ion Ratio Lower Upper
173 100
175 47.1 38.0 57.0
254 0.0 4.3 6.5#

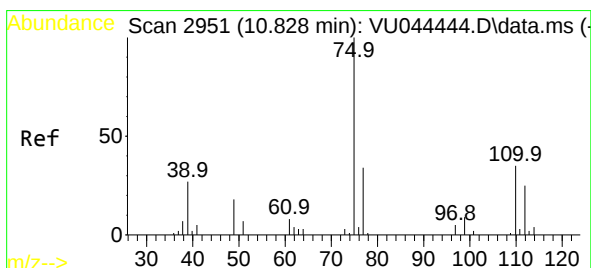
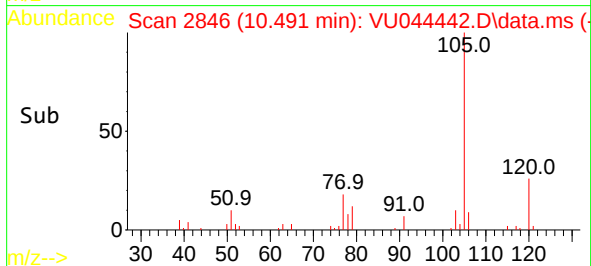
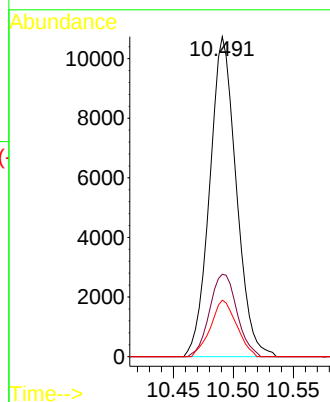
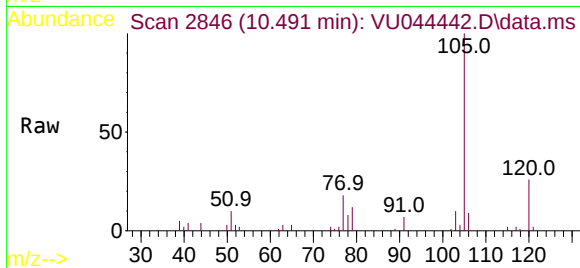




#60
Isopropylbenzene
Concen: 0.418 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

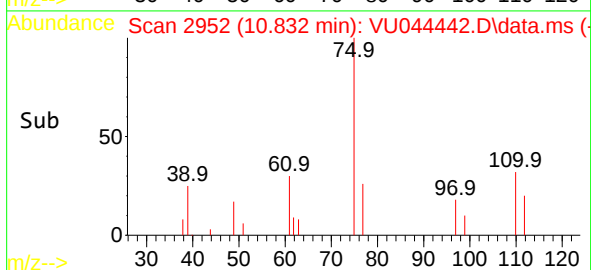
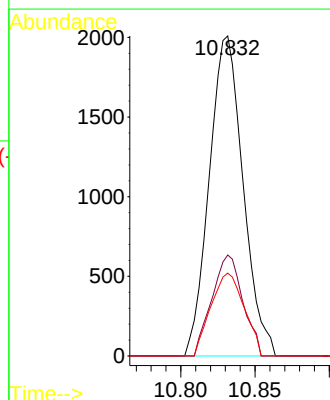
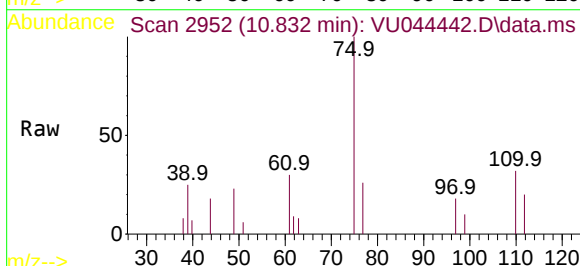
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

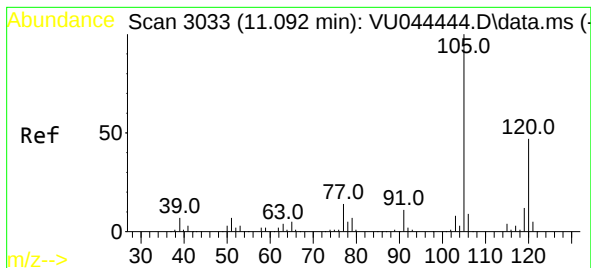
Tgt Ion:	105	Resp:	16534
Ion Ratio	Lower	Upper	
105	100		
120	26.5	20.1	30.1
77	17.2	13.4	20.0



#61
1,2,3-Trichloropropane
Concen: 0.469 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:	75	Resp:	3181
Ion Ratio	Lower	Upper	
75	100		
110	28.9	28.4	42.6
77	25.4	26.5	39.7#

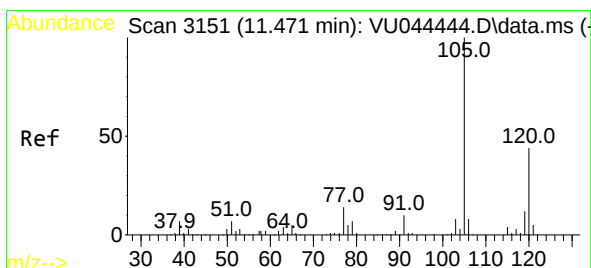
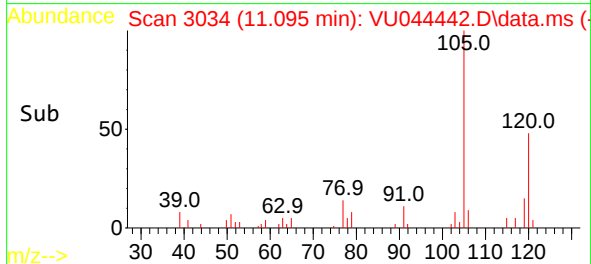
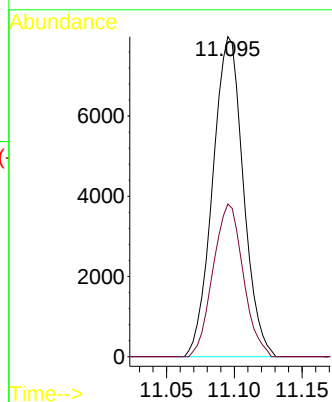
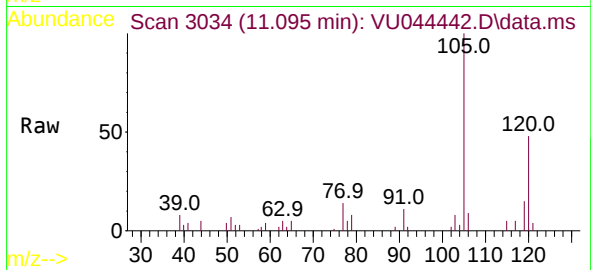




#62
1,3,5-Trimethylbenzene
Concen: 0.388 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

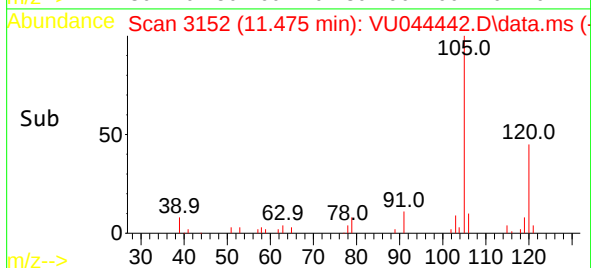
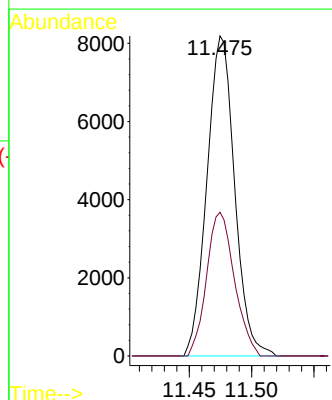
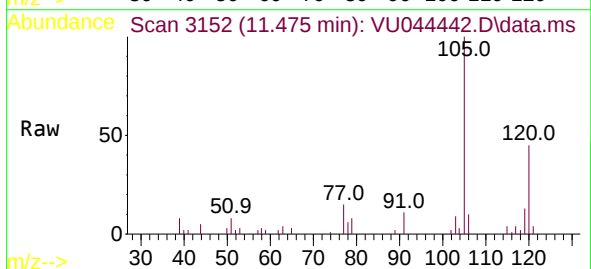
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

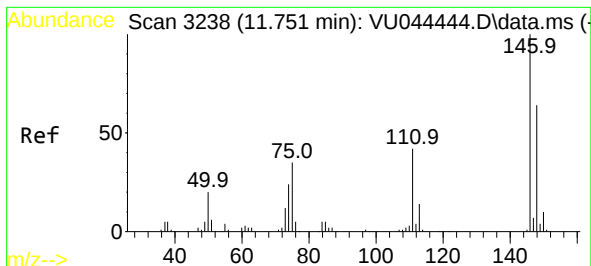
Tgt Ion:105 Resp: 12554
Ion Ratio Lower Upper
105 100
120 46.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 0.382 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:105 Resp: 12681
Ion Ratio Lower Upper
105 100
120 44.9 35.2 52.8

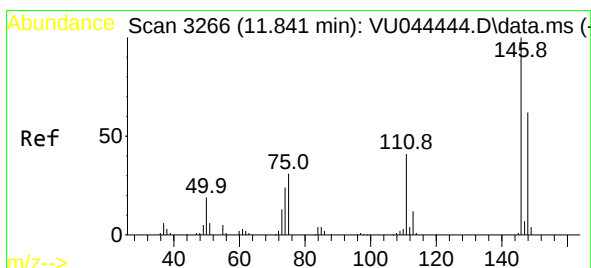
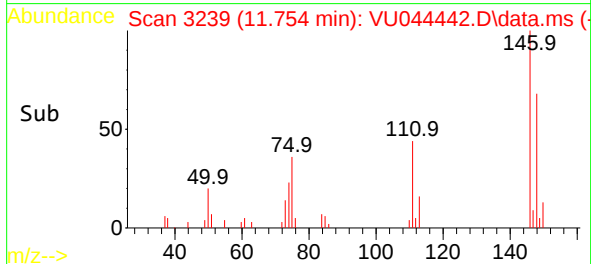
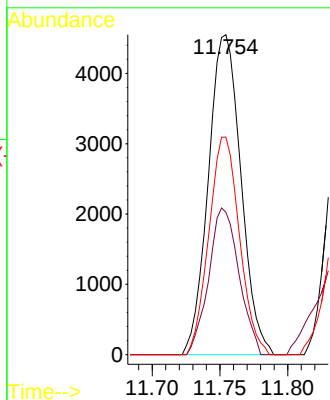
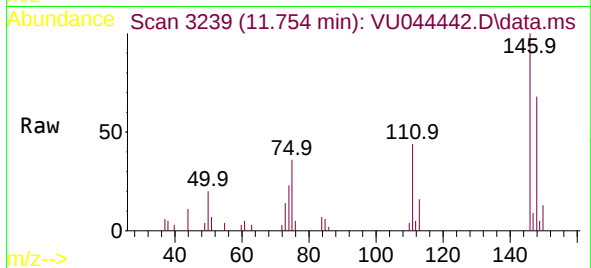




#64
1,3-Dichlorobenzene
Concen: 0.438 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

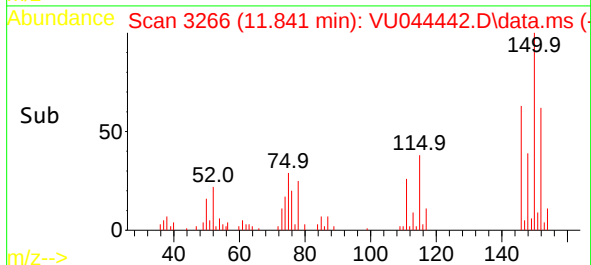
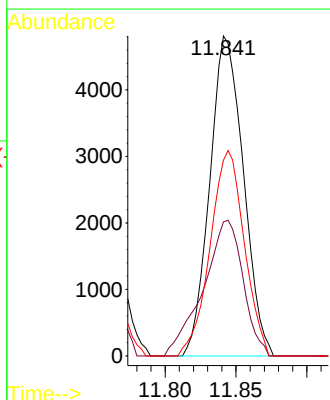
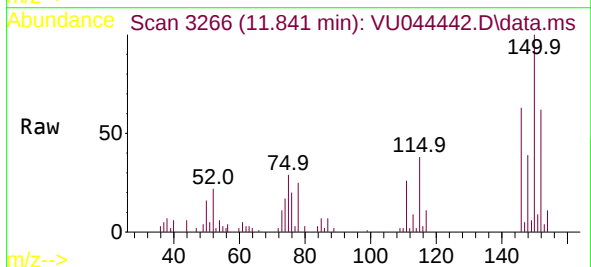
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

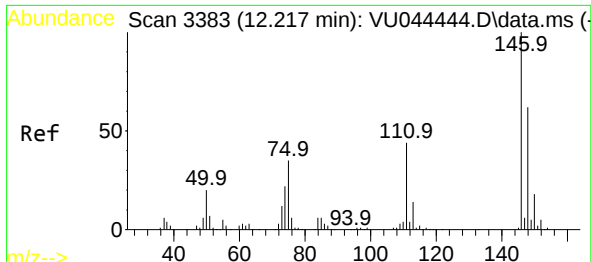
Tgt Ion:146 Resp: 7612
Ion Ratio Lower Upper
146 100
111 44.5 29.6 55.0
148 68.0 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.452 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:146 Resp: 7935
Ion Ratio Lower Upper
146 100
111 41.9 28.8 53.4
148 61.2 43.6 81.0

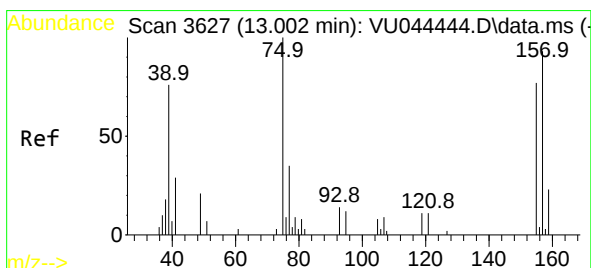
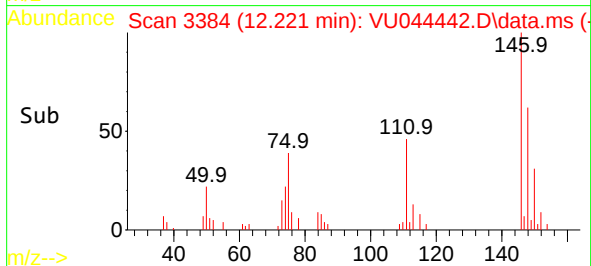
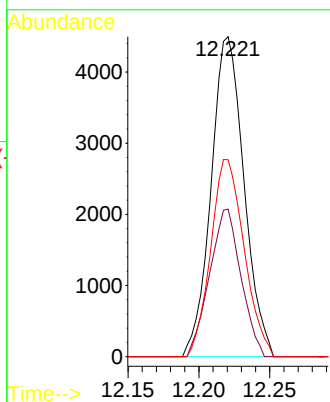
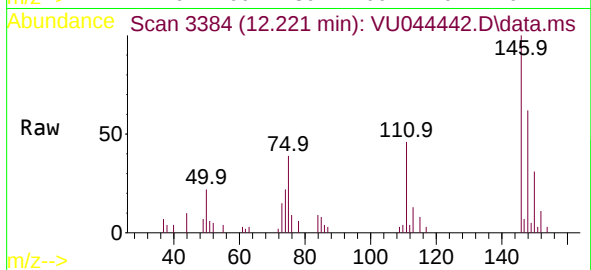




#67
1,2-Dichlorobenzene
Concen: 0.439 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

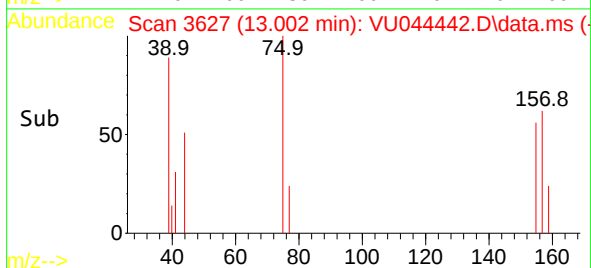
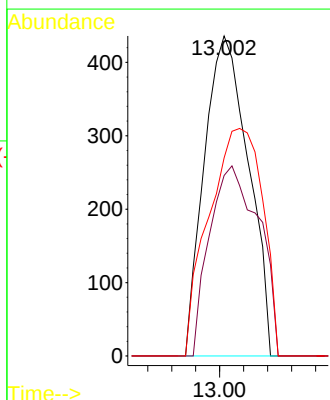
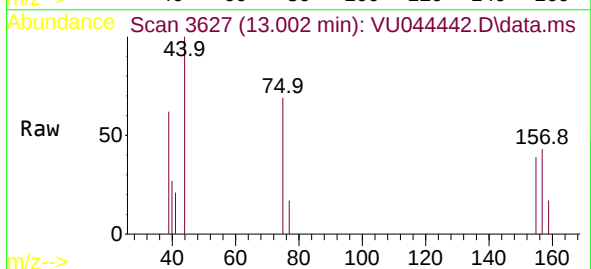
Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

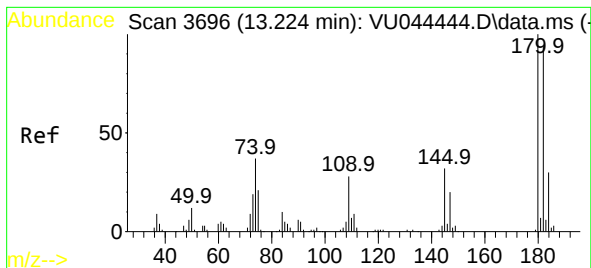
Tgt Ion:146 Resp: 7266
Ion Ratio Lower Upper
146 100
111 46.1 34.9 52.3
148 61.6 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.401 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion: 75 Resp: 556
Ion Ratio Lower Upper
75 100
155 56.4 61.2 91.8#
157 61.9 74.2 111.2#

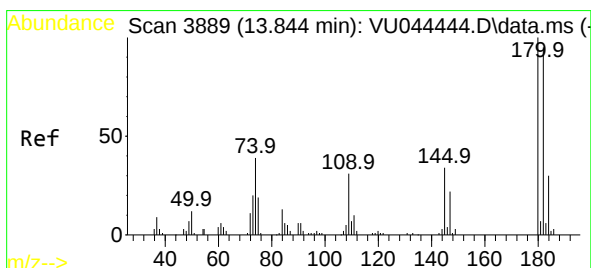
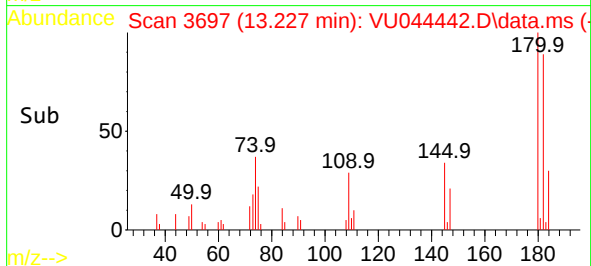
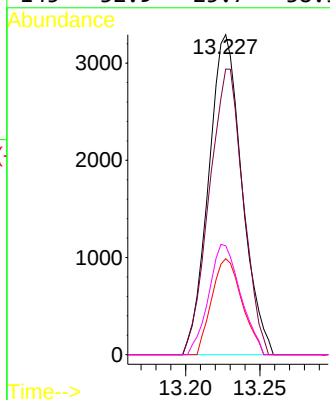
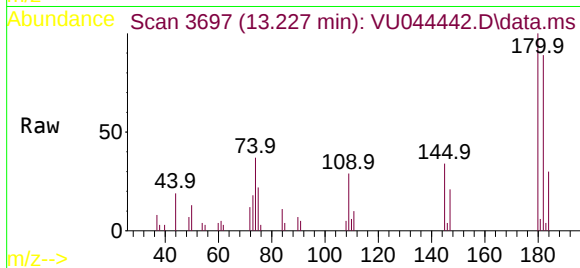




#69
 1,3,5-Trichlorobenzene
 Concen: 0.420 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

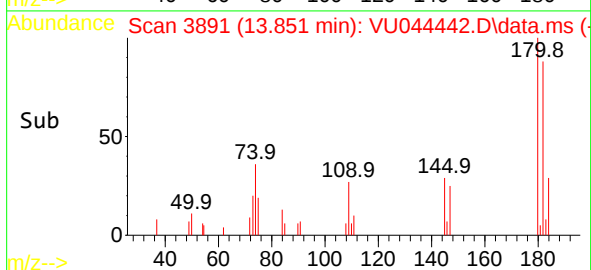
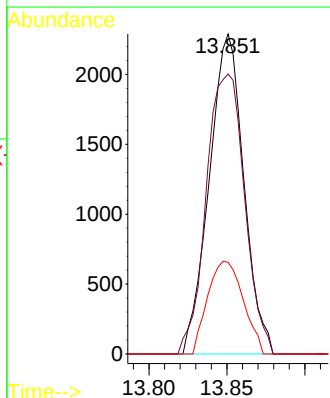
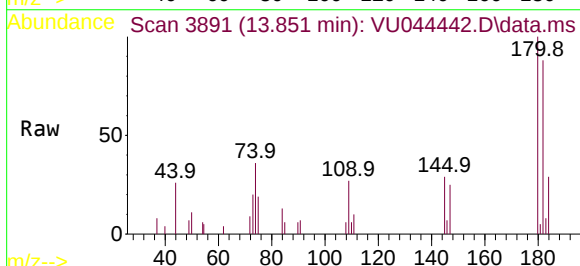
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTD0.5015

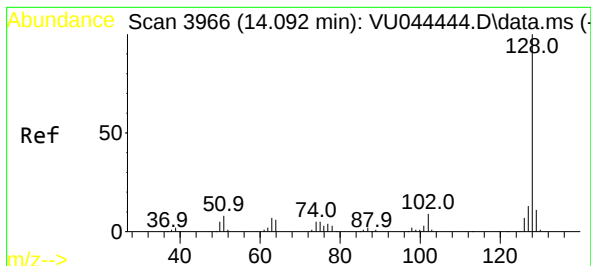
Tgt Ion:	180	Resp:	5146
Ion	Ratio	Lower	Upper
180	100		
182	90.4	75.0	112.6
184	27.1	24.3	36.5
145	32.9	25.7	38.5



#70
 1,2,4-trichlorobenzene
 Concen: 0.368 ug/L
 RT: 13.851 min Scan# 3891
 Delta R.T. 0.006 min
 Lab File: VU044442.D
 Acq: 18 Aug 2021 11:19

Tgt Ion:	180	Resp:	3527
Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.0	114.0
145	29.8	26.3	39.5

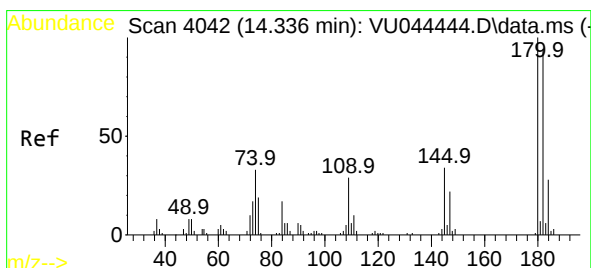
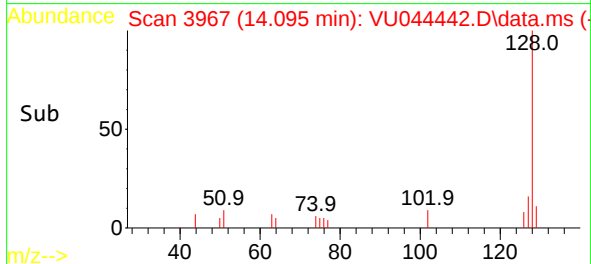
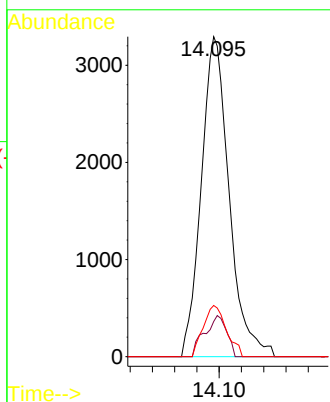
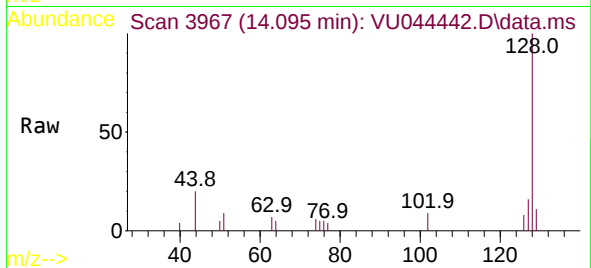




#71
Naphthalene
Concen: 0.313 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5015

Tgt Ion:128 Resp: 5719
Ion Ratio Lower Upper
128 100
129 10.1 8.6 12.8
127 13.3 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.363 ug/L
RT: 14.339 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VU044442.D
Acq: 18 Aug 2021 11:19

Tgt Ion:180 Resp: 3190
Ion Ratio Lower Upper
180 100
182 91.6 76.4 114.6
145 34.8 27.1 40.7

