

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044443.D
 Acq On : 18 Aug 2021 11:55
 Operator : SY/MD
 Sample : VSTD00116
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD001016

Quant Time: Aug 19 03:41:05 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	119415	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	119119	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	57756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	9861	1.021	ug/L	0.00
7) Chloroethane-d5	1.919	69	8373	0.998	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	4242	1.033	ug/L	0.00
20) 2-Butanone-d5	4.645	46	20791	7.784	ug/L	0.00
24) Chloroform-d	5.073	84	17536	1.027	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.713	65	9546	1.025	ug/L	0.00
32) Benzene-d6	5.735	84	33836	1.009	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.700	67	11087	1.033	ug/L	0.00
41) Toluene-d8	7.906	98	29765	1.001	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	3689	0.957	ug/L	0.00
46) 2-Hexanone-d5	8.645	63	19542	9.377	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.764	84	9038	1.000	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	10163	1.041	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	11614	0.946	ug/L	99
3) Chloromethane	1.523	50	15766	0.980	ug/L	96
5) Vinyl chloride	1.607	62	13978	0.940	ug/L	94
6) Bromomethane	1.861	94	7689	0.951	ug/L	99
8) Chloroethane	1.938	64	8820	0.970	ug/L	98
9) Trichlorofluoromethane	2.144	101	15978	0.940	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	8665	0.926	ug/L	96
12) 1,1-Dichloroethene	2.584	96	8771	0.956	ug/L	95
13) Acetone	2.649	43	15097	9.444	ug/L	87
14) Carbon disulfide	2.800	76	27519	0.924	ug/L	99
15) Methyl Acetate	2.964	43	3601	0.994	ug/L	97
16) Methylene chloride	3.054	84	14171	1.039	ug/L	98
17) Methyl tert-butyl Ether	3.375	73	21829	0.920	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	8998	0.941	ug/L	94
19) 1,1-Dichloroethane	3.877	63	17390	0.938	ug/L	95
21) 2-Butanone	4.726	43	23233	7.351	ug/L	88
22) cis-1,2-Dichloroethene	4.674	96	9101	0.890	ug/L	94
23) Bromochloromethane	4.983	128	4211	0.934	ug/L	99
25) Chloroform	5.099	83	18318	0.963	ug/L	100
27) 1,2-Dichloroethane	5.806	62	11923	0.940	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	14140	0.948	ug/L	97
30) Cyclohexane	5.394	56	14715	0.893	ug/L	99
31) Carbon tetrachloride	5.530	117	11378	0.929	ug/L	96
33) Benzene	5.784	78	37192	0.920	ug/L	100
34) Trichloroethene	6.549	95	9350	0.936	ug/L	97
35) Methylcyclohexane	6.771	83	14946	0.897	ug/L	98
37) 1,2-Dichloropropane	6.800	63	9998	0.945	ug/L	99
38) Bromodichloromethane	7.115	83	12108	0.932	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	13110	0.883	ug/L	96
40) 4-Methyl-2-pentanone	7.803	43	65211	9.075	ug/L	98
42) Toluene	7.976	91	38582	0.916	ug/L	99
44) trans-1,3-Dichloropropene	8.217	75	11084	0.881	ug/L	99

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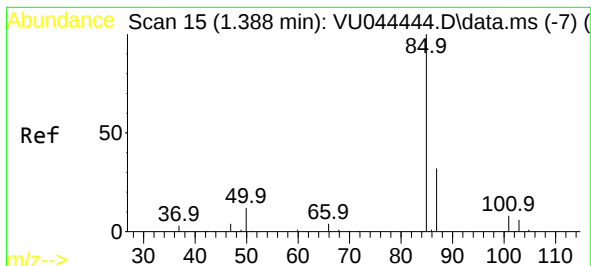
Instrument :
 MSVOA_U
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Quant Time: Aug 19 03:41:05 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	7221	0.957	ug/L	96
47) Tetrachloroethene	8.562	164	6410	0.928	ug/L	98
48) 2-Hexanone	8.697	43	44390	8.658	ug/L	99
49) Dibromochloromethane	8.819	129	7054	0.883	ug/L	91
50) 1,2-Dibromoethane	8.931	107	7093	0.983	ug/L #	95
51) Chlorobenzene	9.455	112	23979	0.928	ug/L	99
52) Ethylbenzene	9.578	91	39672	0.892	ug/L	100
53) m,p-Xylene	9.700	106	14255	0.853	ug/L	99
54) o-Xylene	10.108	106	14213	0.873	ug/L	95
55) Styrene	10.121	104	21281	0.797	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	9342	0.940	ug/L	98
59) Bromoform	10.298	173	3659	0.897	ug/L #	98
60) Isopropylbenzene	10.491	105	37682	0.894	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	7003	0.970	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	29445	0.854	ug/L	98
63) 1,2,4-Trimethylbenzene	11.475	105	29399	0.832	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	17108	0.924	ug/L	97
65) 1,4-Dichlorobenzene	11.844	146	17368	0.929	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	16092	0.912	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	1348	0.913	ug/L	89
69) 1,3,5-Trichlorobenzene	13.227	180	11659	0.895	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	8417	0.824	ug/L	96
71) Naphthalene	14.095	128	14147	0.726	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	7502	0.802	ug/L	97

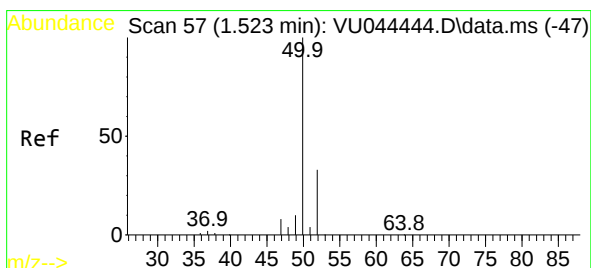
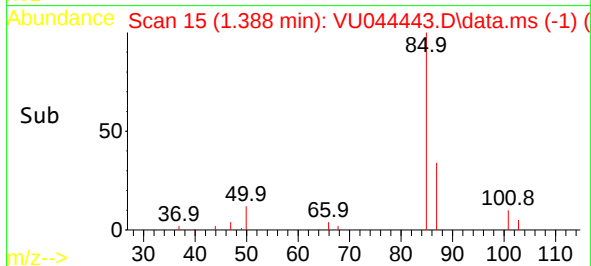
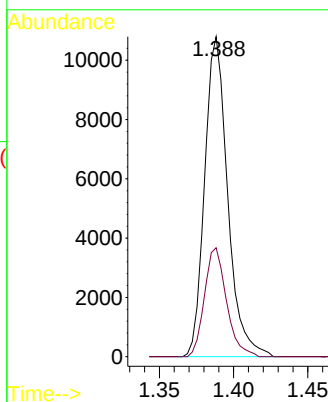
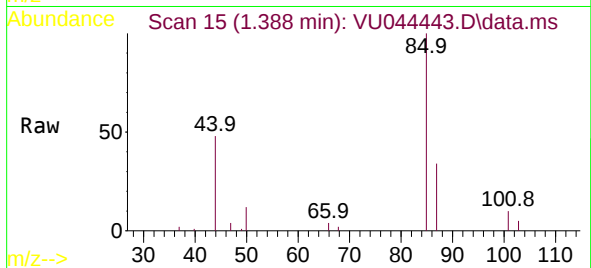
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.946 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044443.D
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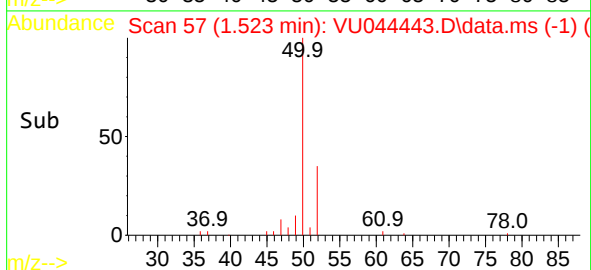
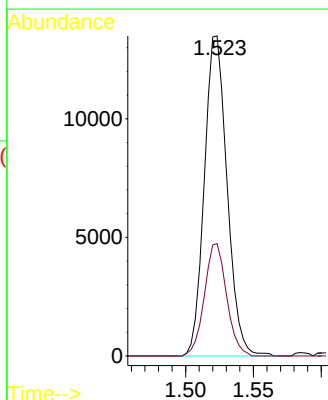
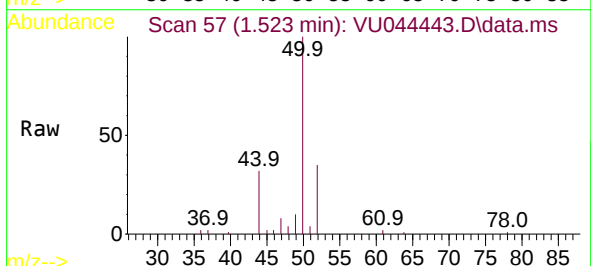
Instrument :
MSVOA_U
ClientSampleId :
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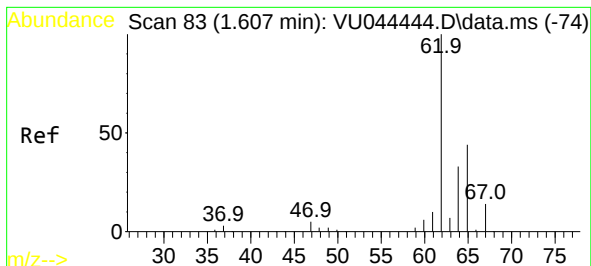
Tgt Ion: 85 Resp: 11614
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5



#3
Chloromethane
Concen: 0.980 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 50 Resp: 15766
Ion Ratio Lower Upper
50 100
52 35.1 22.8 42.4





#5

Vinyl chloride

Concen: 0.940 ug/L

RT: 1.607 min Scan# 83

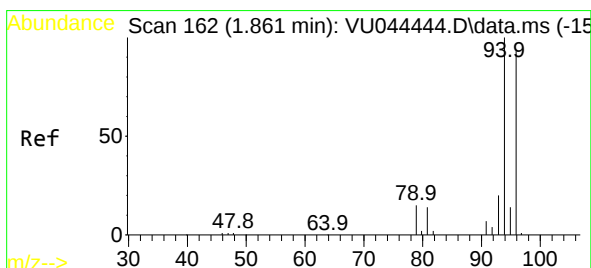
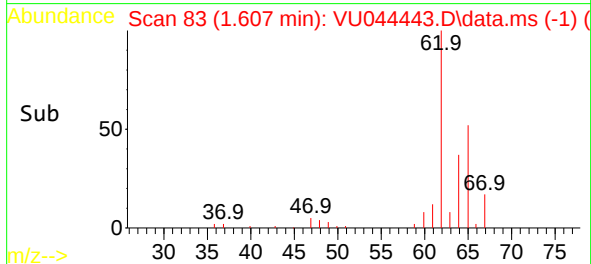
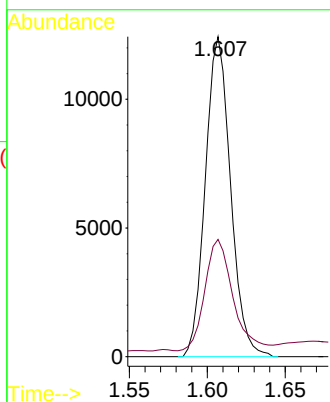
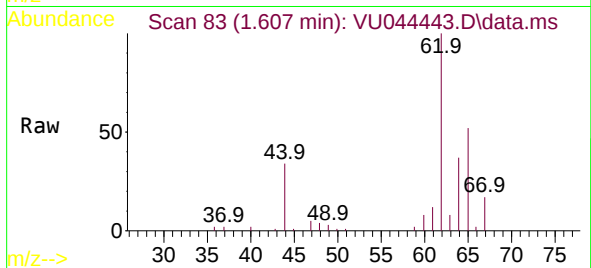
Delta R.T. -0.000 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

Tgt Ion:	62	Resp:	13978
Ion Ratio	Lower	Upper	
62	100		
64	36.6	23.2	43.0



#6

Bromomethane

Concen: 0.951 ug/L

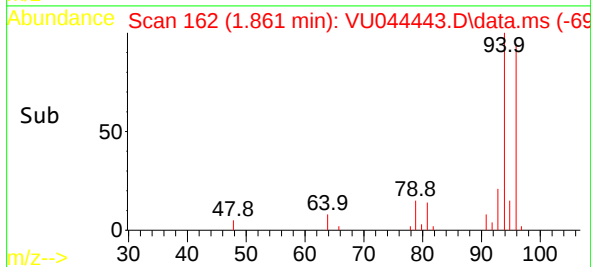
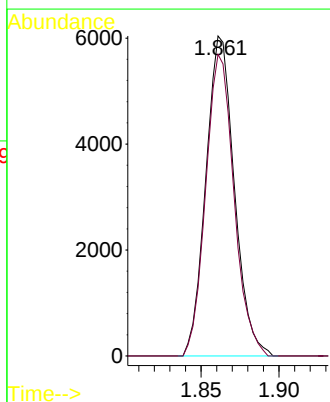
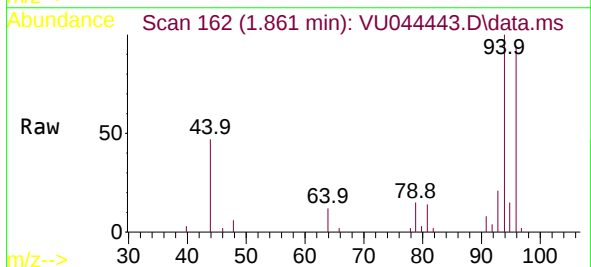
RT: 1.861 min Scan# 162

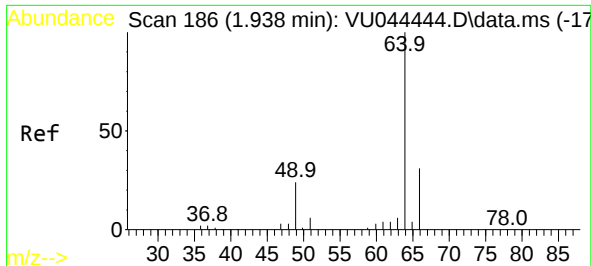
Delta R.T. -0.000 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Tgt Ion:	94	Resp:	7689
Ion Ratio	Lower	Upper	
94	100		
96	94.2	65.2	121.2

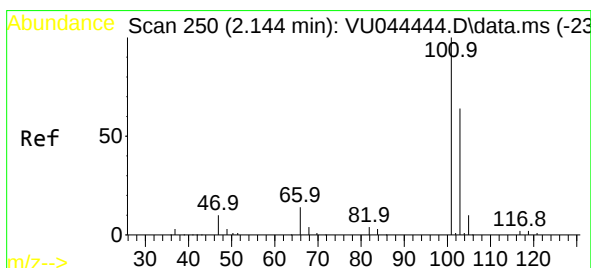
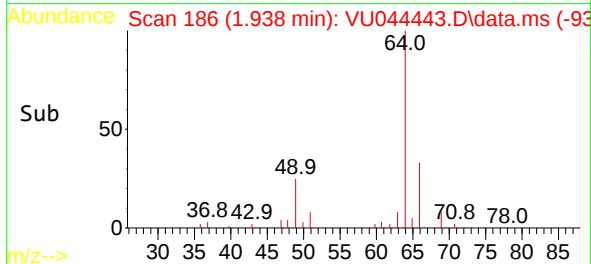
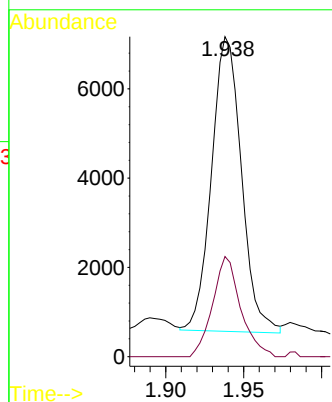
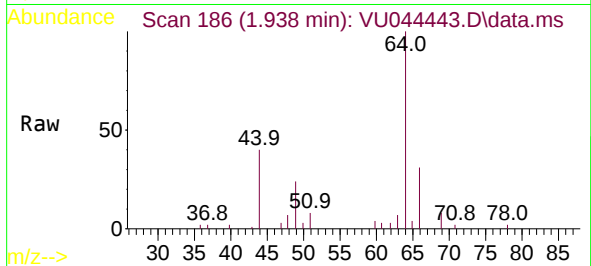




#8
Chloroethane
Concen: 0.970 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

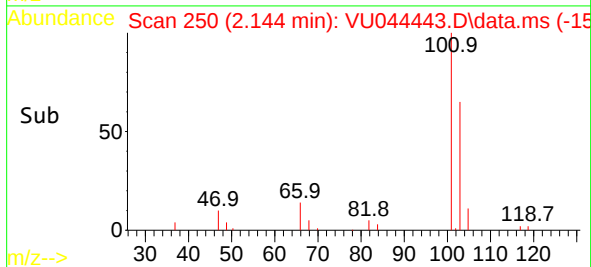
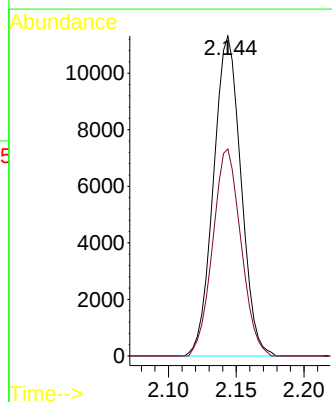
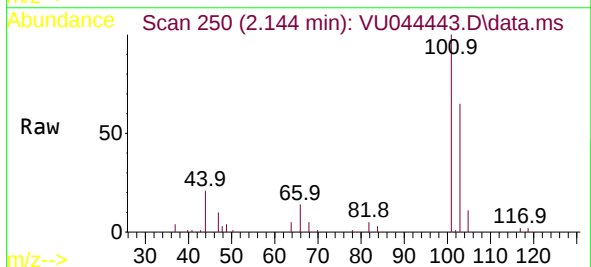
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ClientSampleId :
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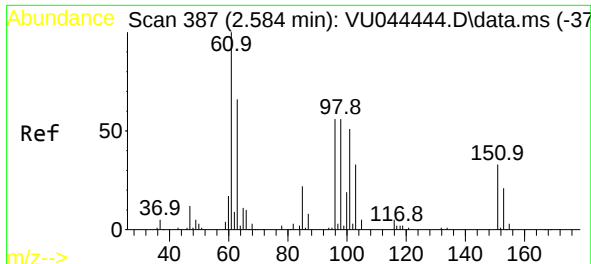
Tgt Ion: 64 Resp: 8820
Ion Ratio Lower Upper
64 100
66 31.3 21.3 39.5



#9
Trichlorofluoromethane
Concen: 0.940 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 101 Resp: 15978
Ion Ratio Lower Upper
101 100
103 66.4 51.6 77.4

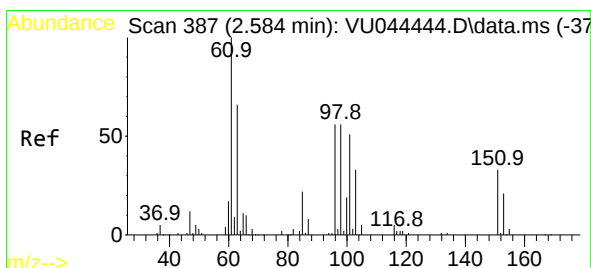
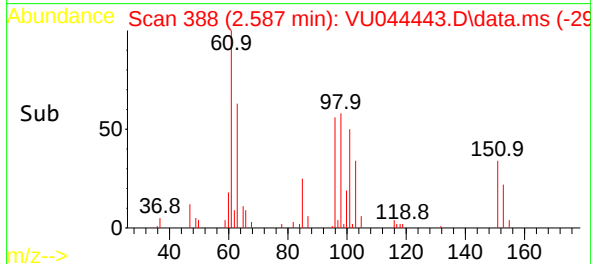
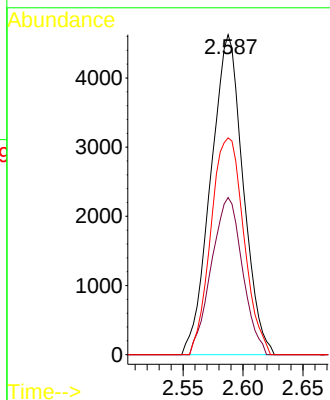
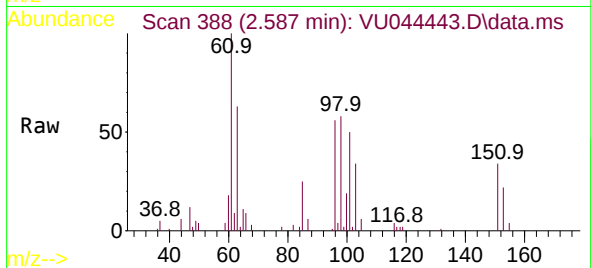




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.926 ug/L
RT: 2.587 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

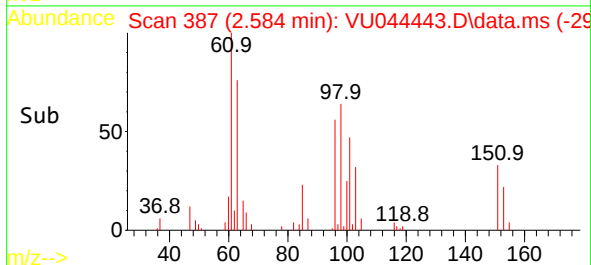
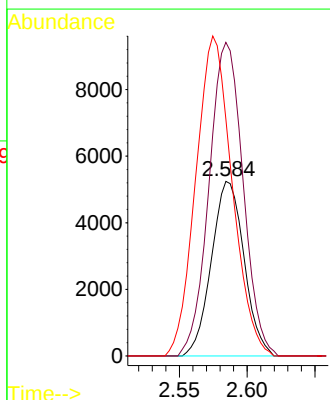
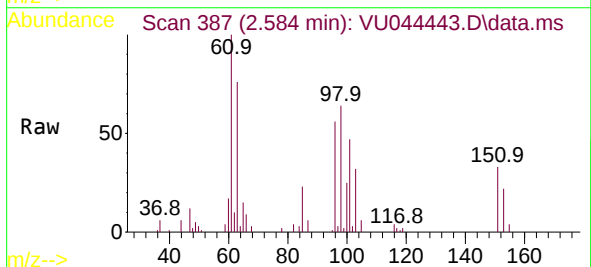
Instrument :
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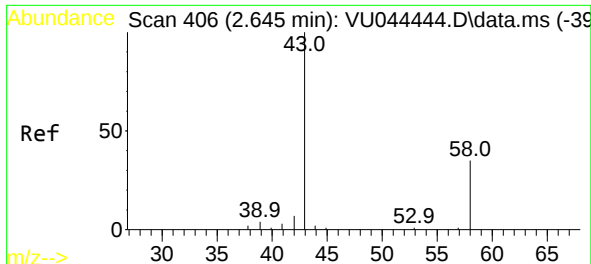
Tgt Ion:101 Resp: 8665
Ion Ratio Lower Upper
101 100
85 47.2 35.3 52.9
151 69.0 53.0 79.6



#12
1,1-Dichloroethene
Concen: 0.956 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 96 Resp: 8771
Ion Ratio Lower Upper
96 100
61 179.6 126.1 234.3
63 135.7 84.8 157.6

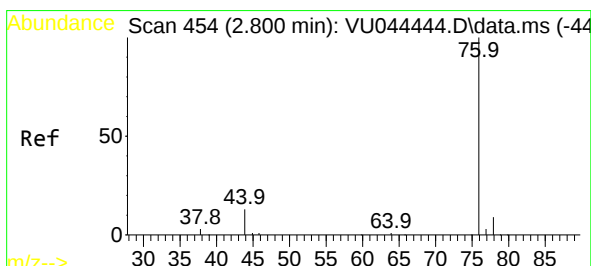
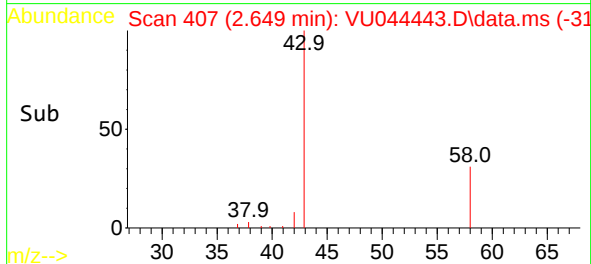
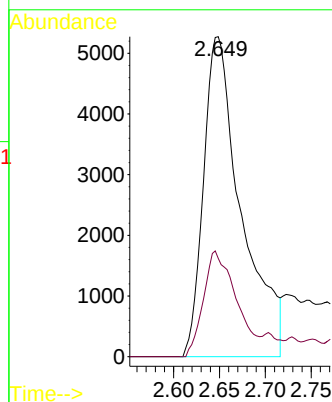
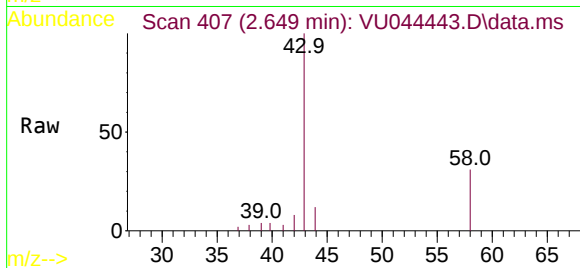




#13
Acetone
Concen: 9.444 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

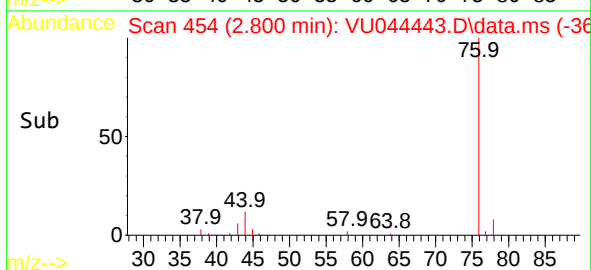
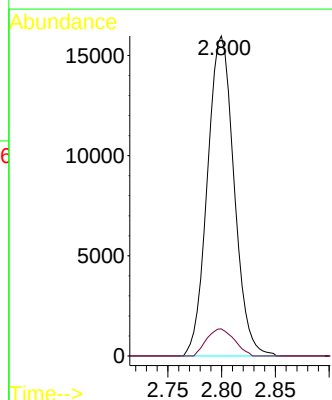
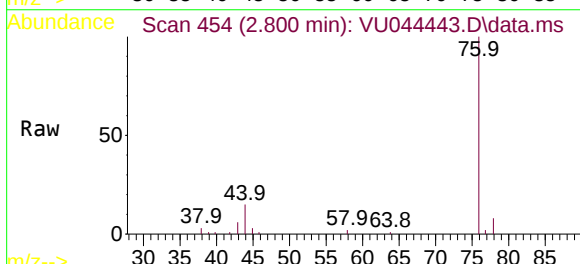
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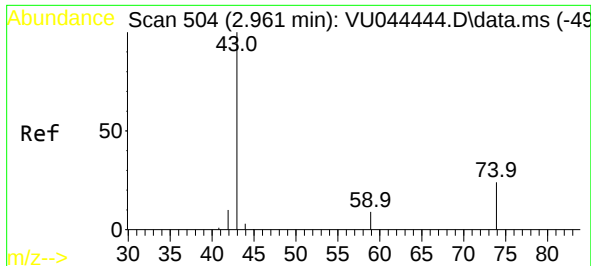
Tgt Ion: 43 Resp: 15097
Ion Ratio Lower Upper
43 100
58 28.8 0.0 45.4



#14
Carbon disulfide
Concen: 0.924 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 76 Resp: 27519
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8

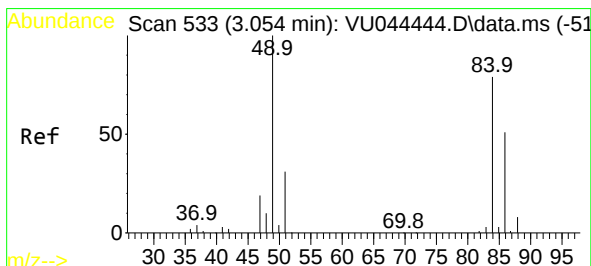
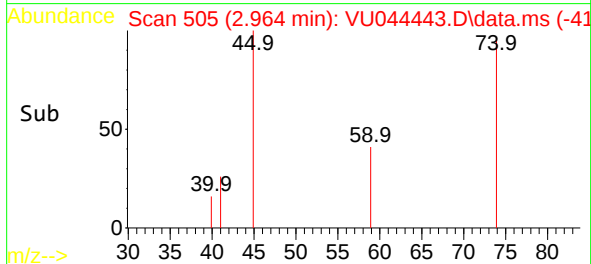
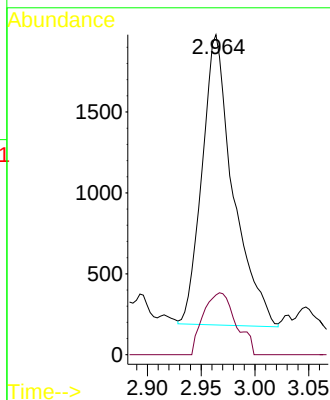
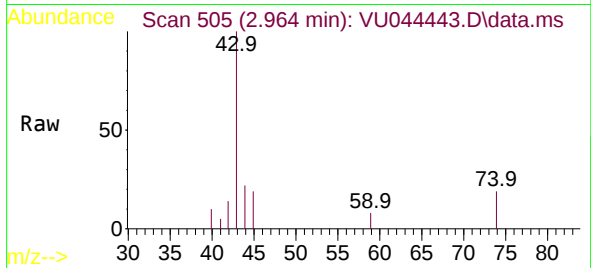




#15
Methyl Acetate
Concen: 0.994 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

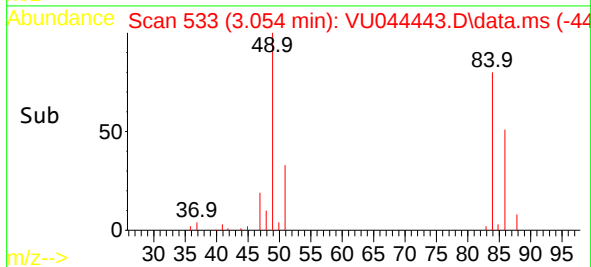
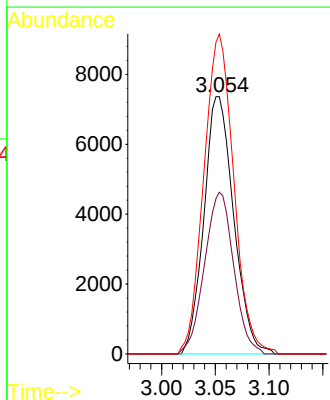
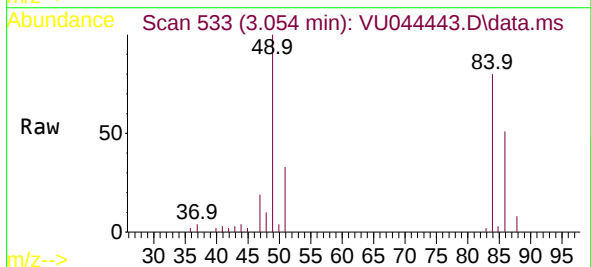
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MSVOA_U
ClientSampleId :
VSTD001016

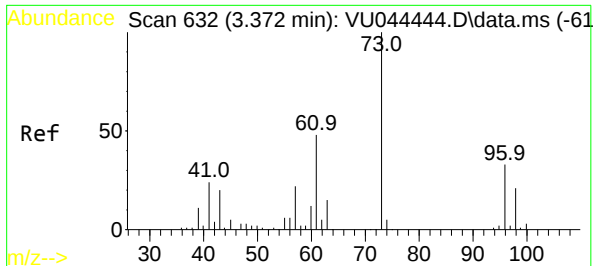
Tgt Ion: 43 Resp: 3601
Ion Ratio Lower Upper
43 100
74 22.4 19.0 28.4



#16
Methylene chloride
Concen: 1.039 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 84 Resp: 14171
Ion Ratio Lower Upper
84 100
86 62.9 45.2 84.0
49 124.3 88.8 165.0



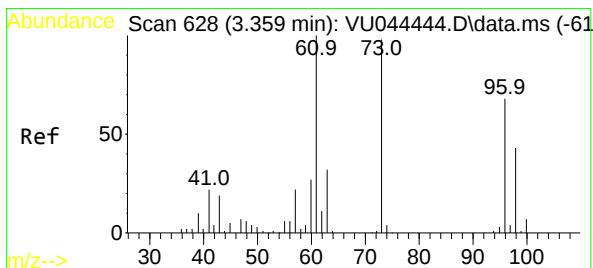
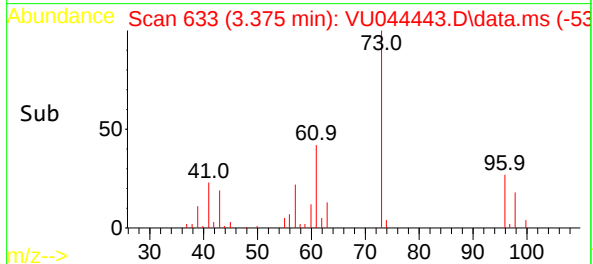
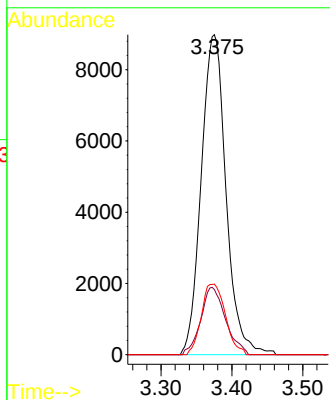
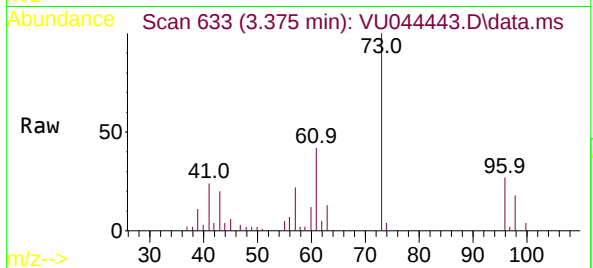


#17

Methyl tert-butyl Ether
Concen: 0.920 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

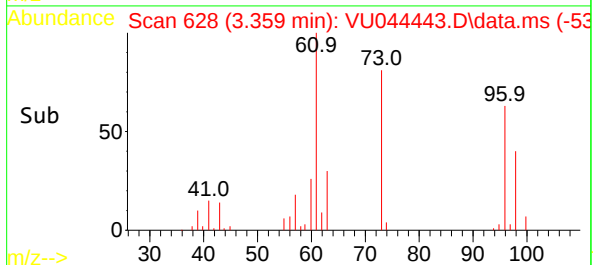
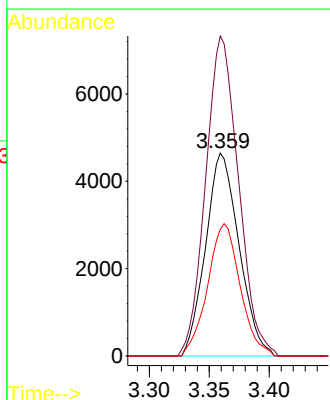
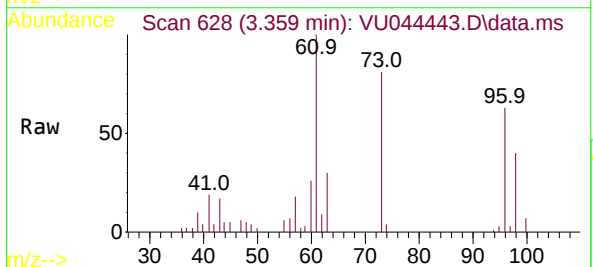
Tgt Ion: 73	Resp: 21829
Ion Ratio	Lower Upper
73 100	
43 21.0	16.2 24.4
57 21.3	17.8 26.8

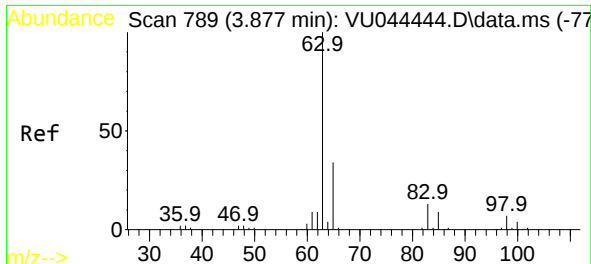


#18

trans-1,2-Dichloroethene
Concen: 0.941 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 96	Resp: 8998		
Ion Ratio	Lower	Upper	
96	100		
61	157.8	103.7	192.5
98	62.5	44.7	83.1



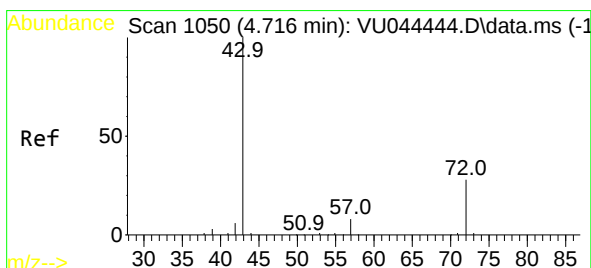
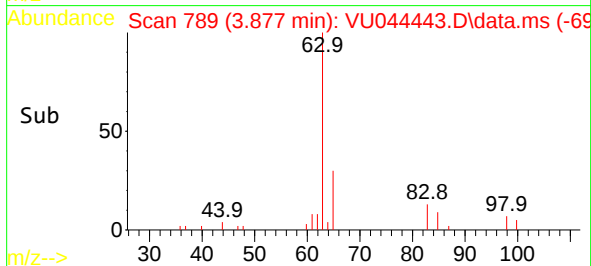
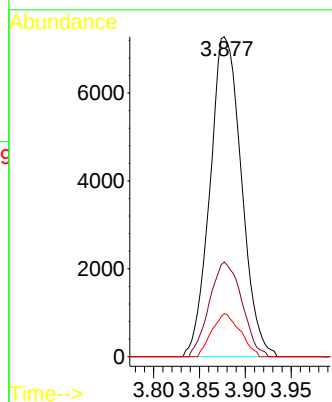
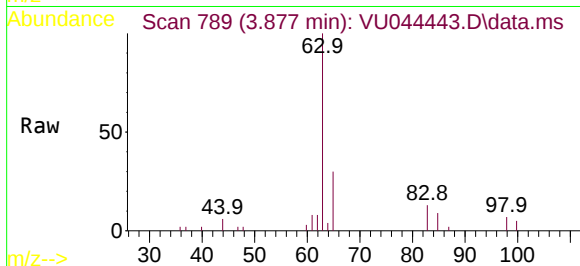


#19

1,1-Dichloroethane
Concen: 0.938 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

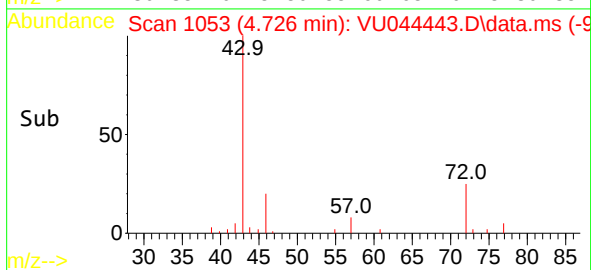
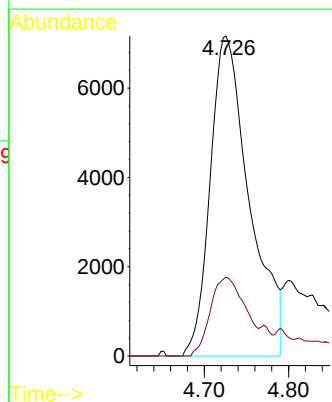
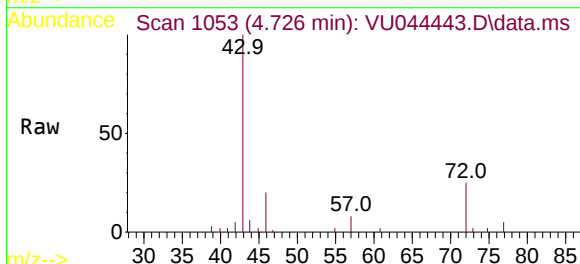
Tgt Ion:	63	Resp:	17390
Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.4	43.6
83	13.4	9.0	16.6

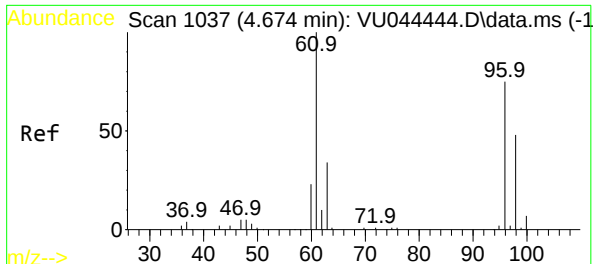


#21

2-Butanone
Concen: 7.351 ug/L
RT: 4.726 min Scan# 1053
Delta R.T. 0.010 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:	43	Resp:	23233
Ion	Ratio	Lower	Upper
43	100		
72	22.0	14.1	42.4



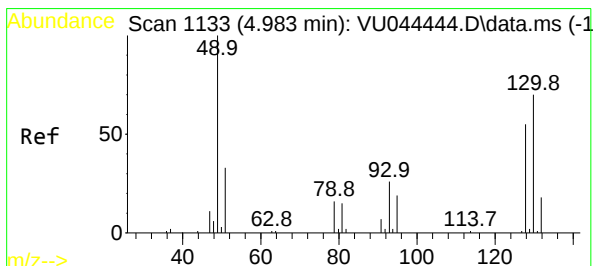
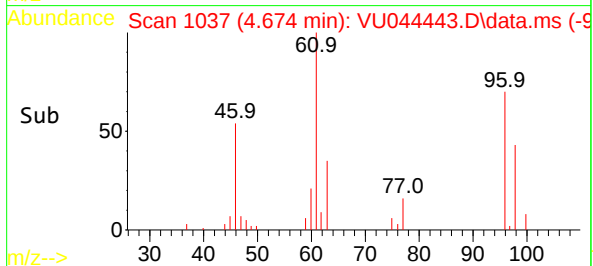
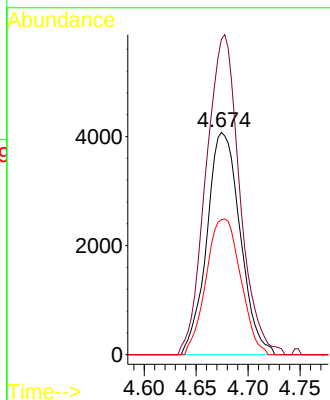
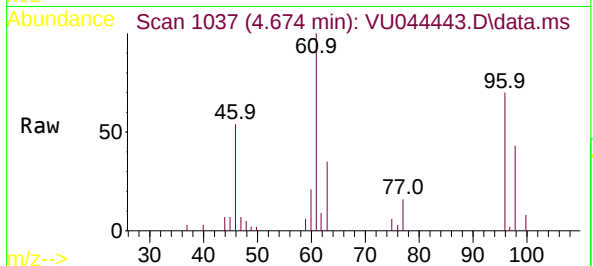


#22

cis-1,2-Dichloroethene
Concen: 0.890 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

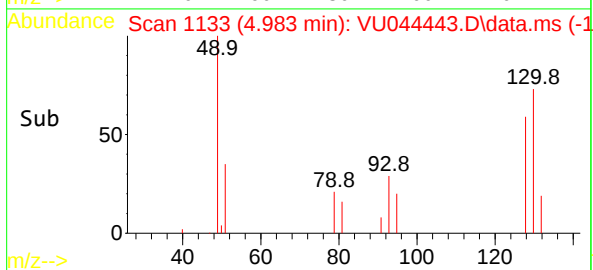
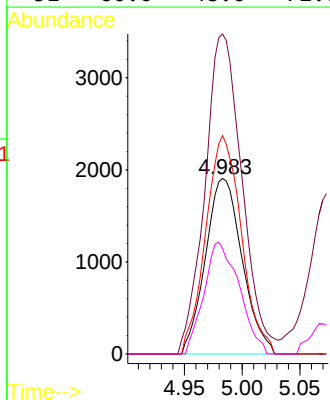
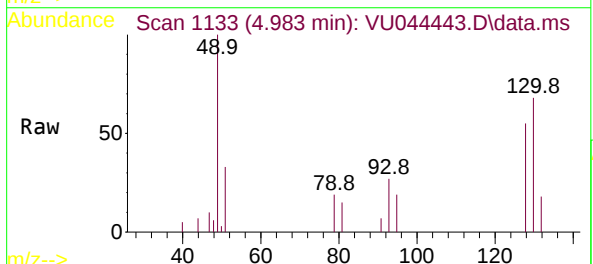
Tgt Ion:	96	Resp:	9101
Ion	Ratio	Lower	Upper
96	100		
61	141.9	93.9	174.5
98	60.7	44.7	83.1

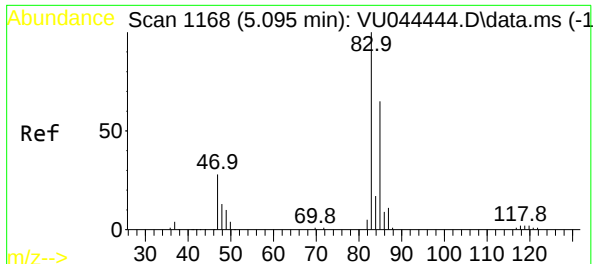


#23

Bromochloromethane
Concen: 0.934 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:	128	Resp:	4211
Ion	Ratio	Lower	Upper
128	100		
49	182.3	128.1	237.9
130	124.5	89.2	165.8
51	60.0	48.0	72.0



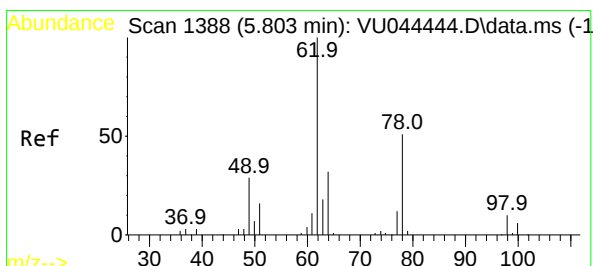
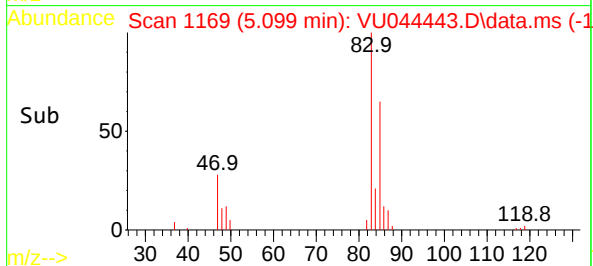
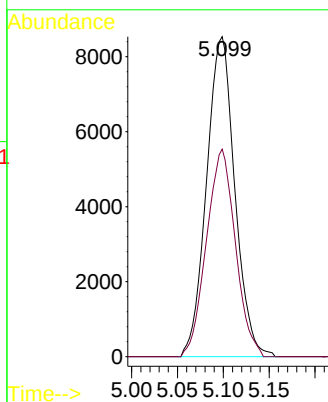
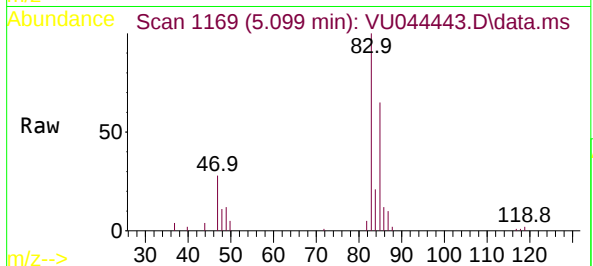


#25

Chloroform
Concen: 0.963 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

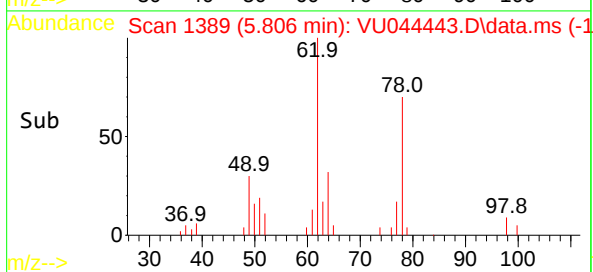
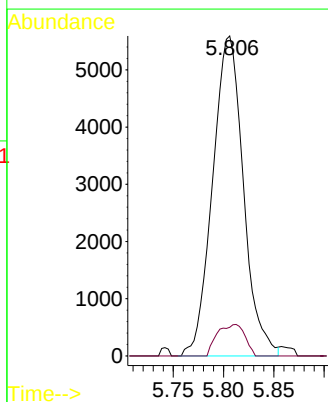
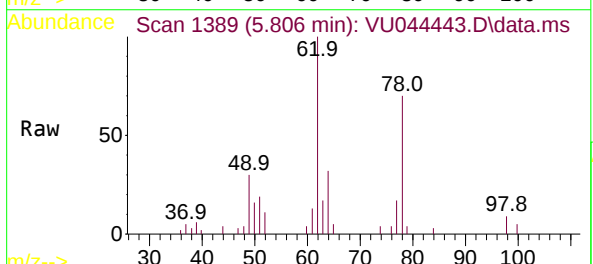
Tgt Ion: 83 Resp: 18318
Ion Ratio Lower Upper
83 100
85 64.9 45.3 84.1

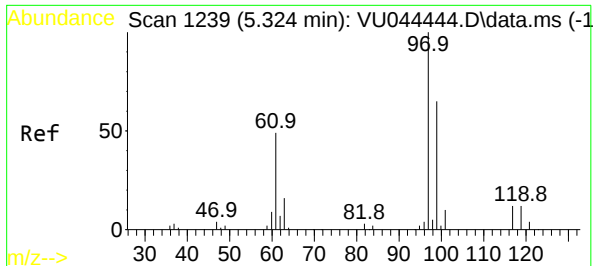


#27

1,2-Dichloroethane
Concen: 0.940 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 62 Resp: 11923
Ion Ratio Lower Upper
62 100
98 9.0 8.0 12.0

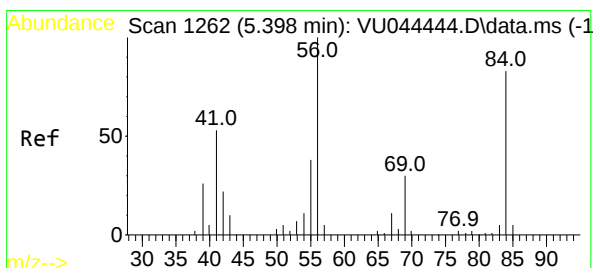
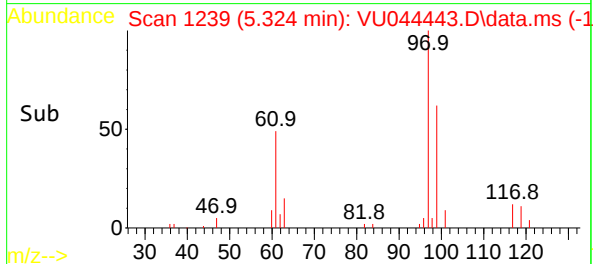
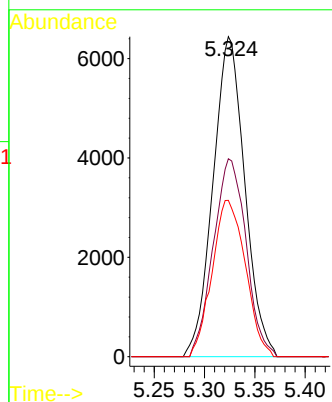
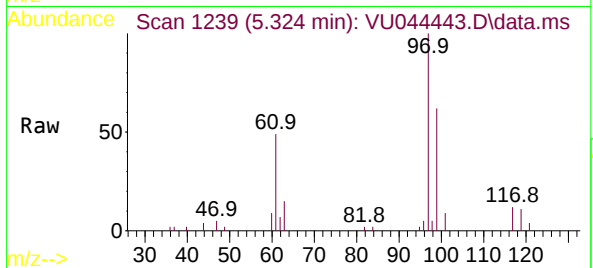




#29
1,1,1-Trichloroethane
Concen: 0.948 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

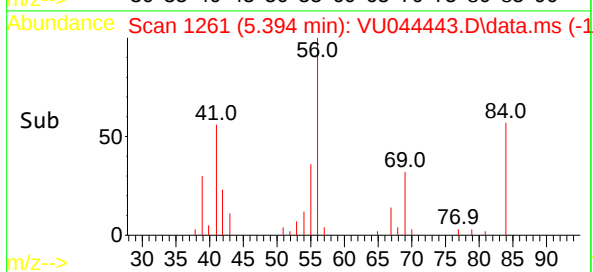
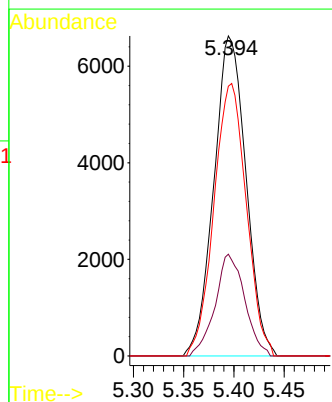
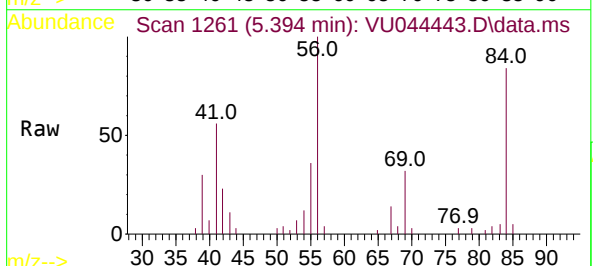
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

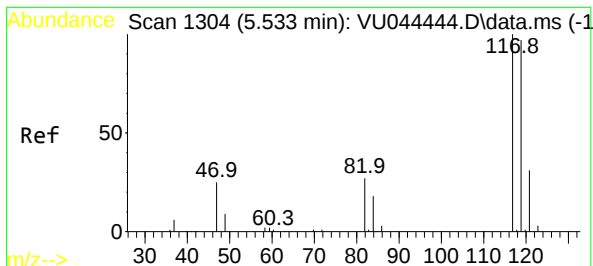
Tgt Ion:	97	Resp:	14140
Ion	Ratio	Lower	Upper
97	100		
99	63.7	52.5	78.7
61	51.2	39.2	58.8



#30
Cyclohexane
Concen: 0.893 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:	56	Resp:	14715
Ion	Ratio	Lower	Upper
56	100		
69	29.3	24.3	36.5
84	85.6	68.4	102.6

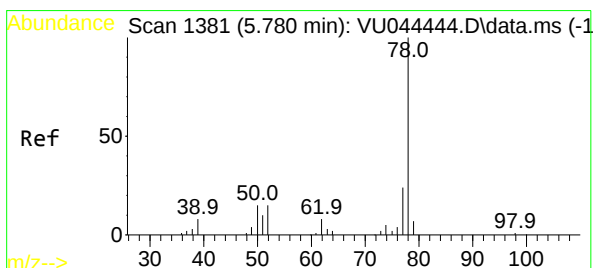
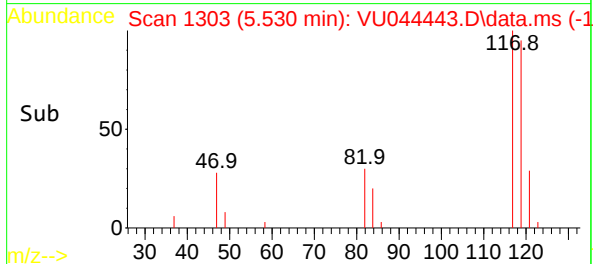
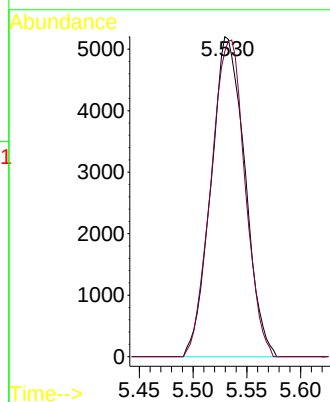
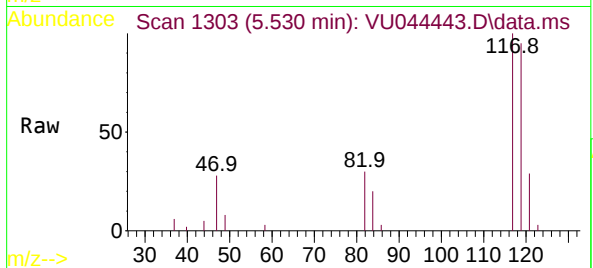




#31
Carbon tetrachloride
Concen: 0.929 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

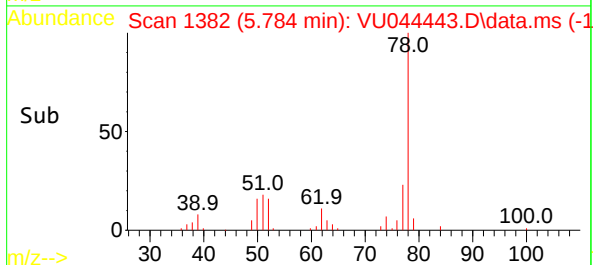
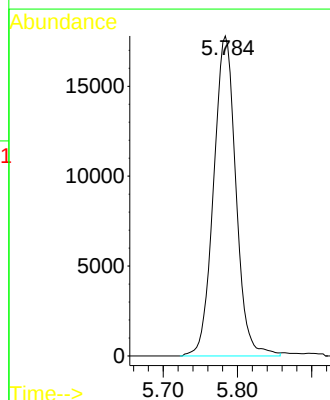
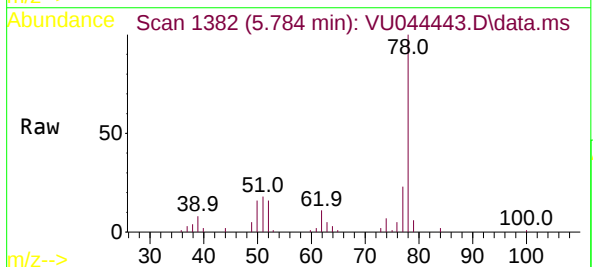
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

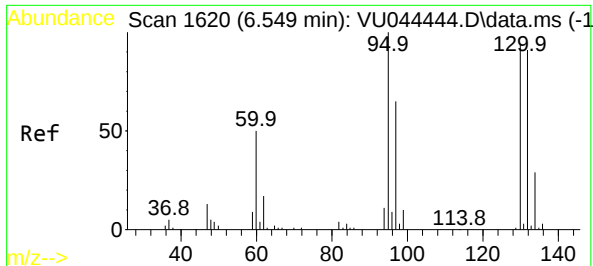
Tgt Ion:117 Resp: 11378
Ion Ratio Lower Upper
117 100
119 99.3 76.6 114.8



#33
Benzene
Concen: 0.920 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 78 Resp: 37192

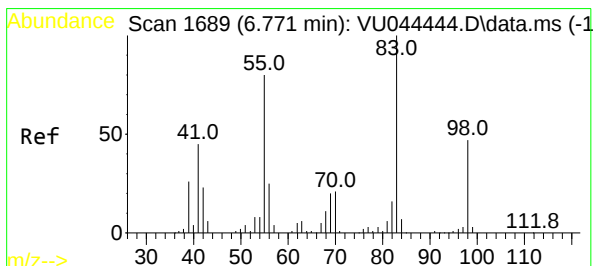
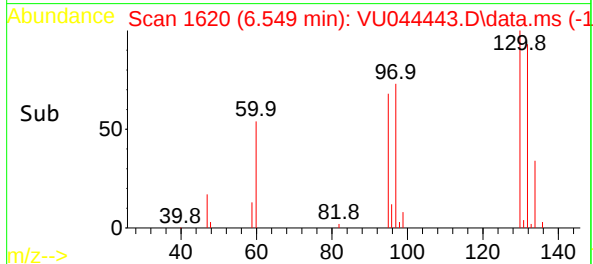
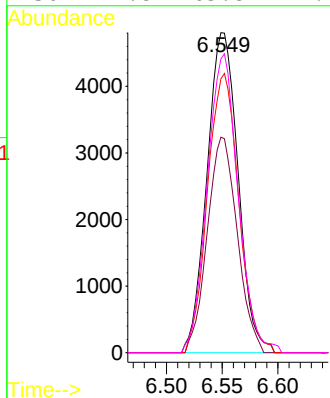
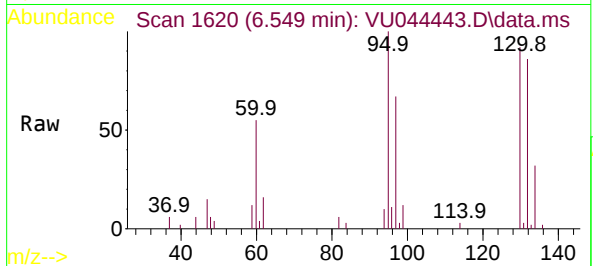




#34
Trichloroethene
Concen: 0.936 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

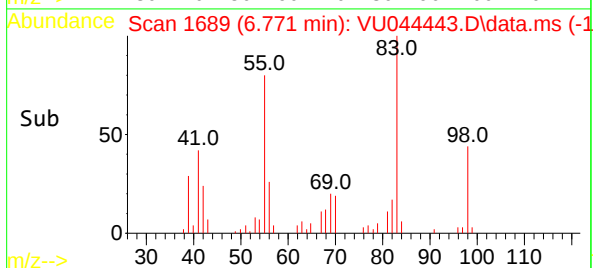
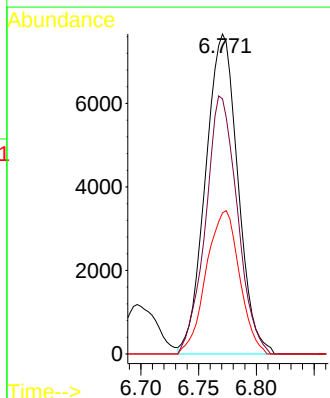
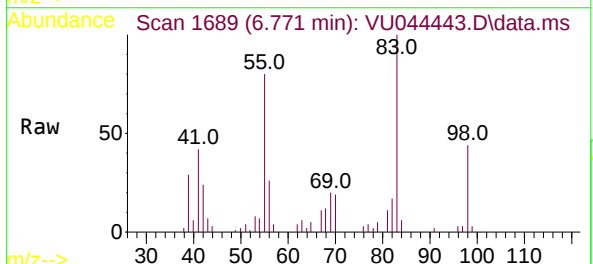
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

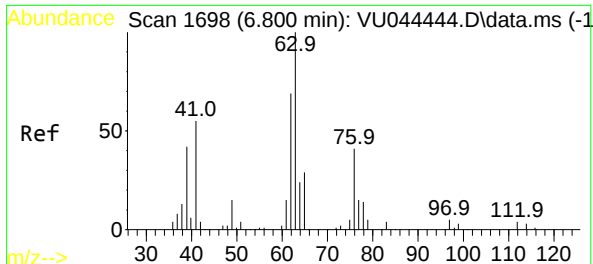
Tgt Ion: 95 Resp: 9350
Ion Ratio Lower Upper
95 100
97 67.4 45.6 84.8
132 85.6 63.4 117.8
130 91.8 65.8 122.2



#35
Methylcyclohexane
Concen: 0.897 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 83 Resp: 14946
Ion Ratio Lower Upper
83 100
55 79.2 64.8 97.2
98 46.0 37.5 56.3

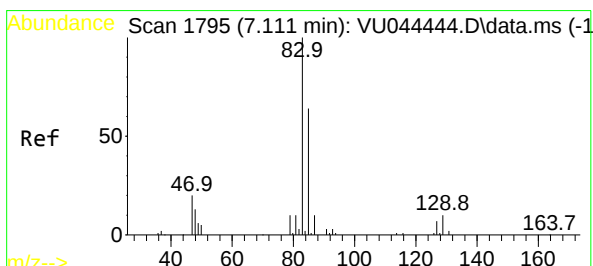
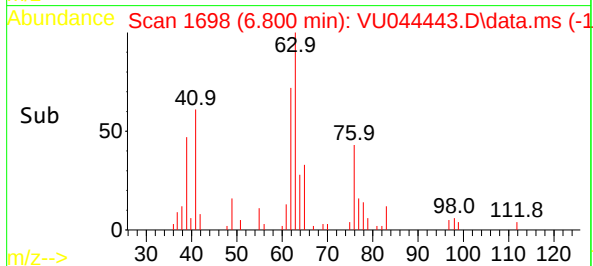
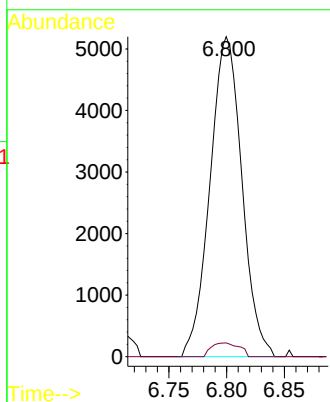
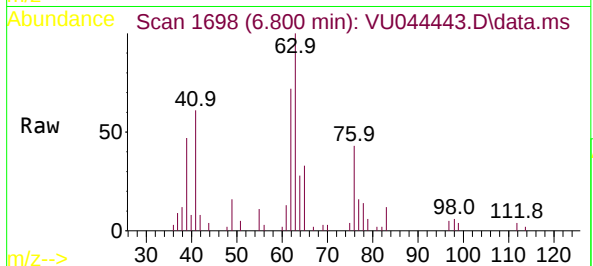




#37
1,2-Dichloropropane
Concen: 0.945 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

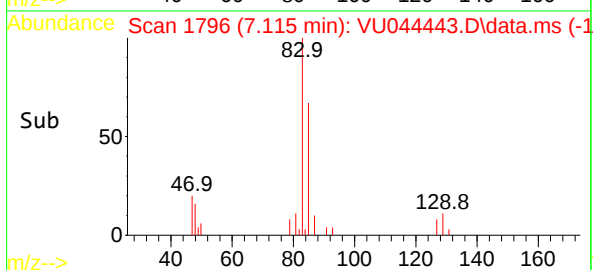
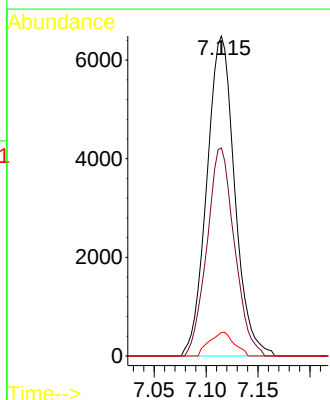
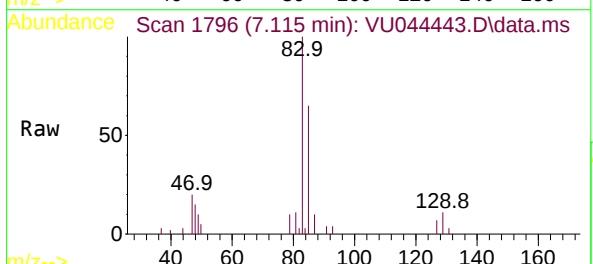
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

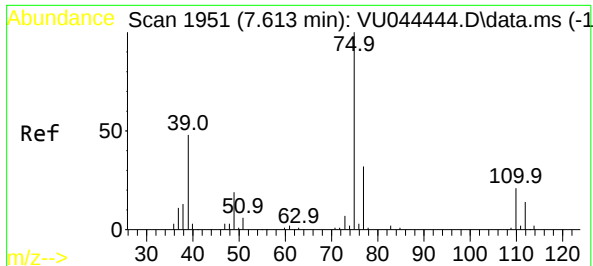
Tgt Ion: 63 Resp: 9998
Ion Ratio Lower Upper
63 100
112 3.8 3.3 4.9



#38
Bromodichloromethane
Concen: 0.932 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 83 Resp: 12108
Ion Ratio Lower Upper
83 100
85 65.0 44.6 82.8
127 7.3 5.9 8.9



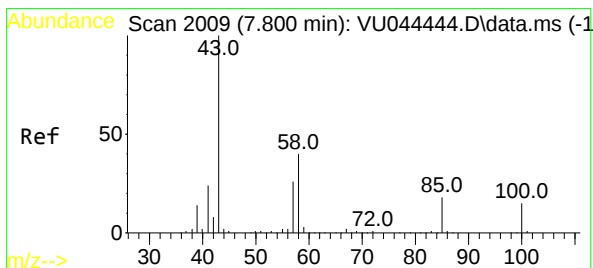
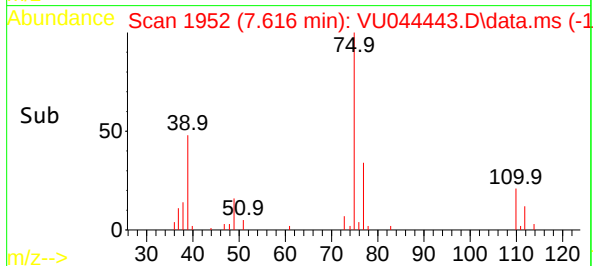
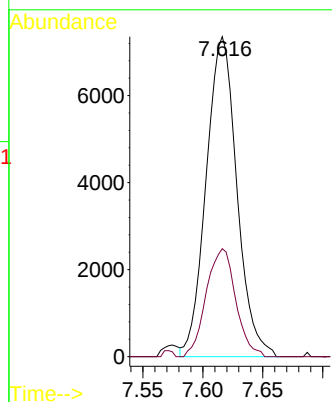
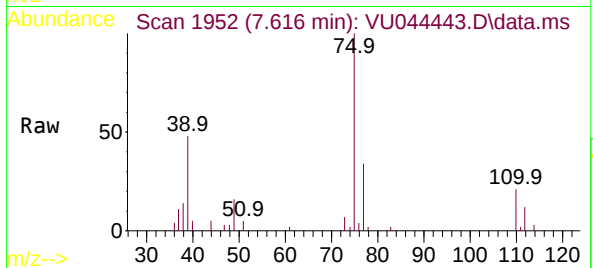


#39

cis-1,3-Dichloropropene
Concen: 0.883 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

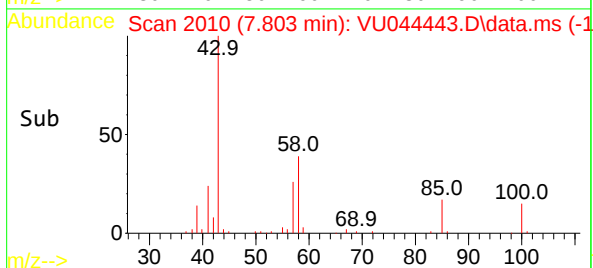
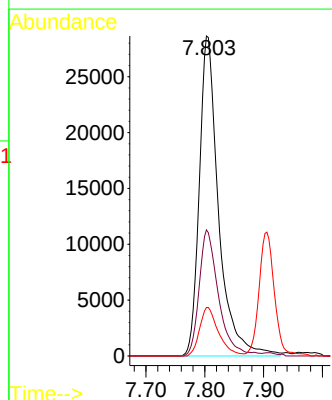
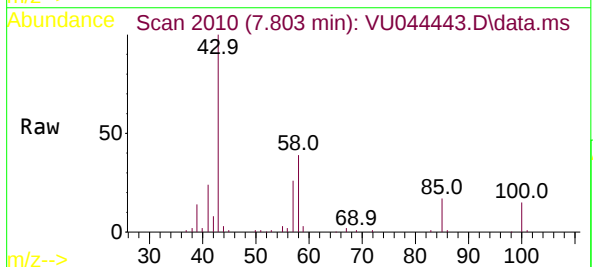
Tgt Ion: 75 Resp: 13110
Ion Ratio Lower Upper
75 100
77 33.7 22.2 41.2

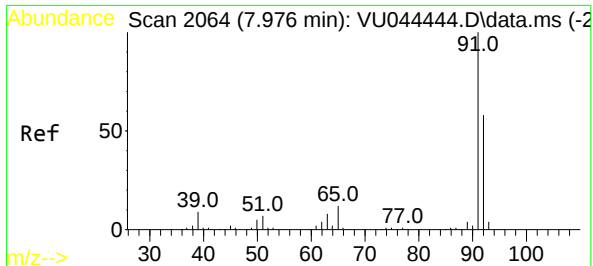


#40

4-Methyl-2-pentanone
Concen: 9.075 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 43 Resp: 65211
Ion Ratio Lower Upper
43 100
58 39.5 32.5 48.7
100 14.9 12.3 18.5

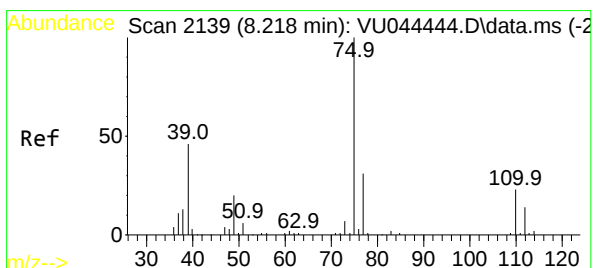
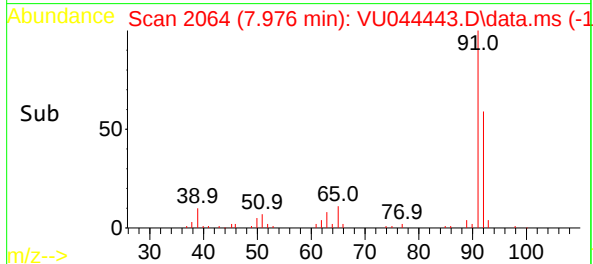
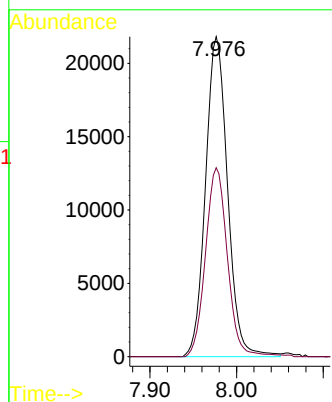
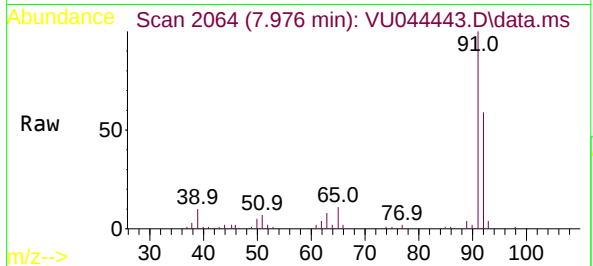




#42
Toluene
Concen: 0.916 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

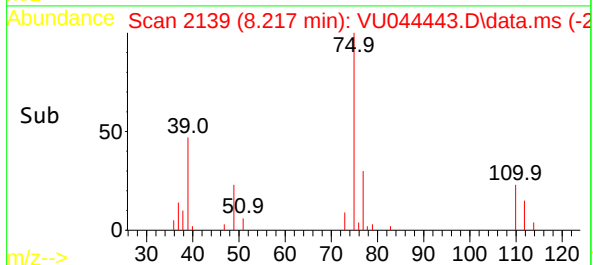
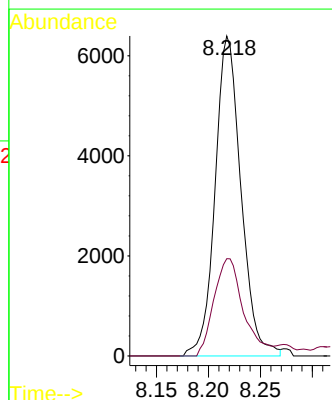
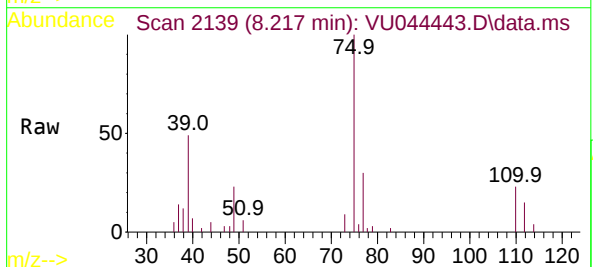
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

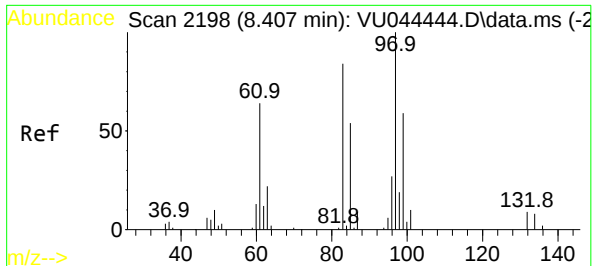
Tgt Ion: 91 Resp: 38582
Ion Ratio Lower Upper
91 100
92 59.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 0.881 ug/L
RT: 8.217 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 75 Resp: 11084
Ion Ratio Lower Upper
75 100
77 30.4 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 0.957 ug/L

RT: 8.407 min Scan# 2198

Delta R.T. -0.000 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Tgt Ion: 97 Resp: 7221

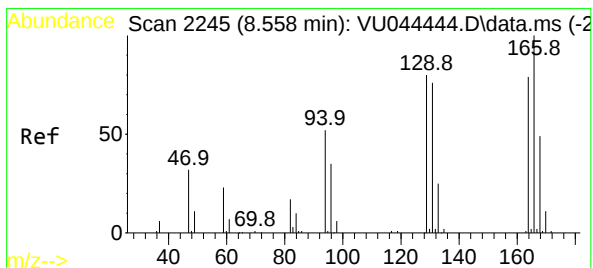
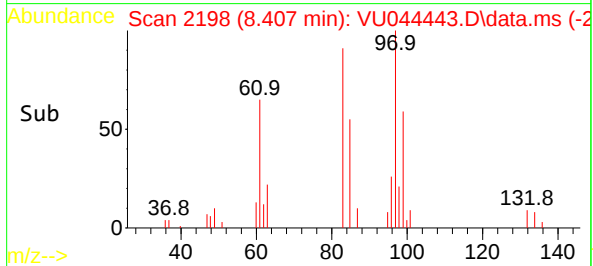
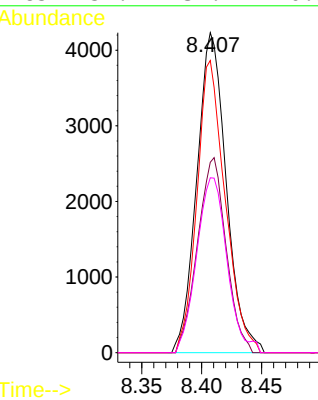
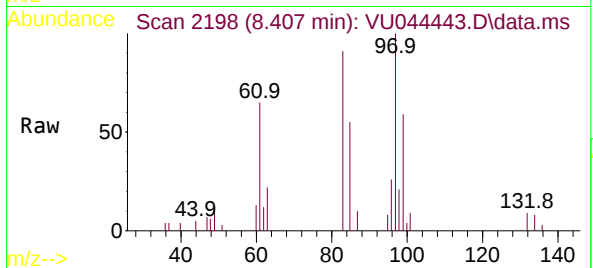
Ion Ratio Lower Upper

97 100

99 59.5 41.3 76.7

83 91.3 58.6 108.8

85 54.7 37.9 70.5



#47

Tetrachloroethene

Concen: 0.928 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.003 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Tgt Ion: 164 Resp: 6410

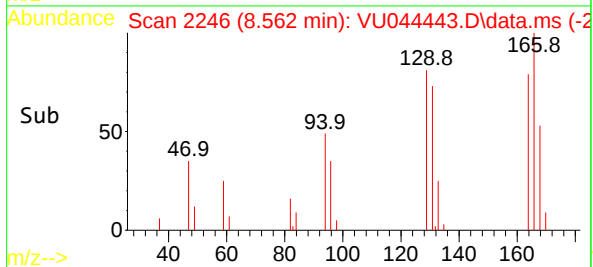
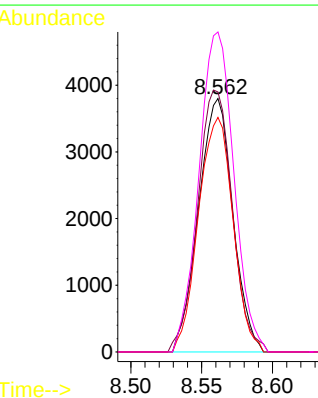
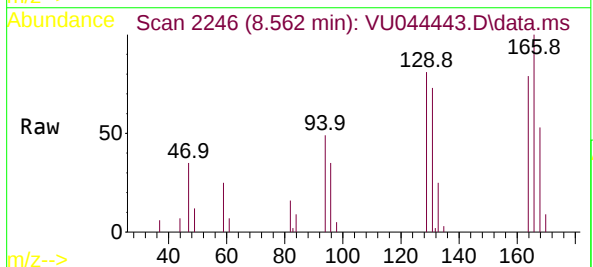
Ion Ratio Lower Upper

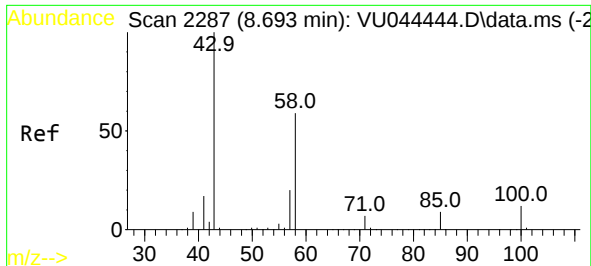
164 100

129 102.6 71.0 131.8

131 92.6 68.0 126.4

166 126.3 89.0 165.4

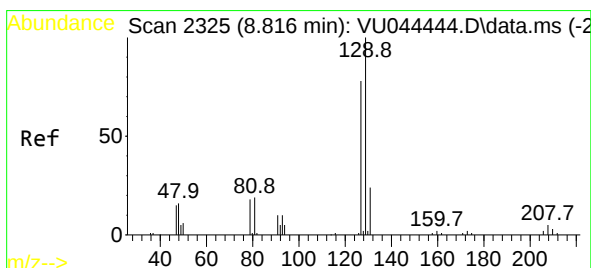
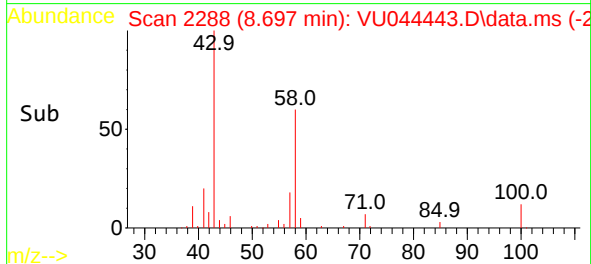
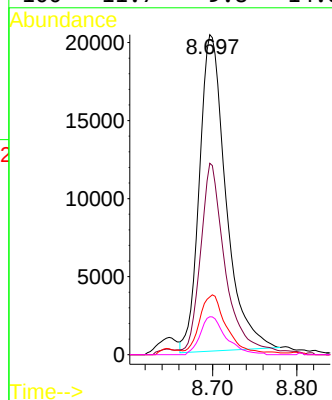
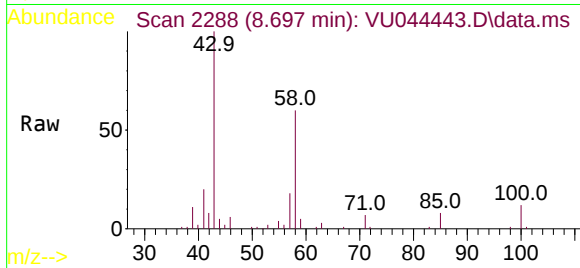




#48
2-Hexanone
Concen: 8.658 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

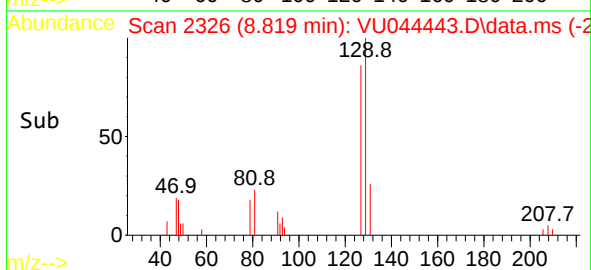
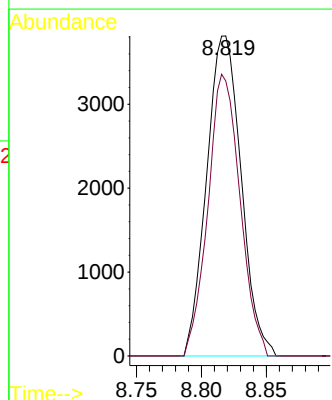
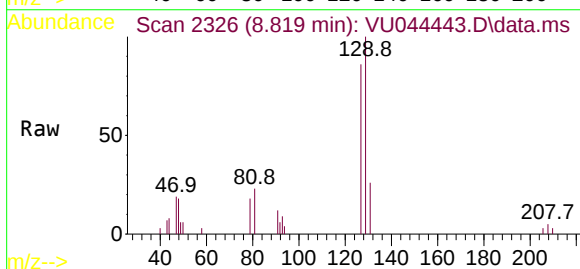
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

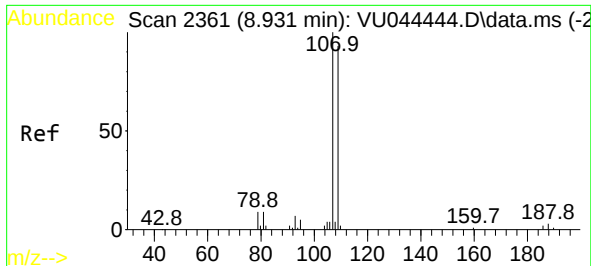
Tgt Ion:	43	Resp:	44390
Ion	Ratio	Lower	Upper
43	100		
58	57.9	46.5	69.7
57	17.9	15.8	23.8
100	11.7	9.8	14.8



#49
Dibromochloromethane
Concen: 0.883 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

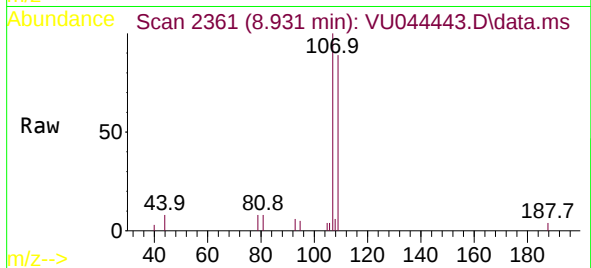
Tgt Ion:	129	Resp:	7054
Ion	Ratio	Lower	Upper
129	100		
127	85.9	54.7	101.7



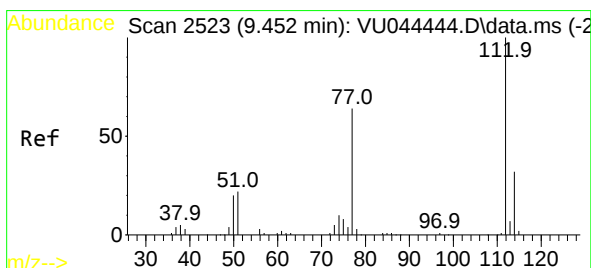
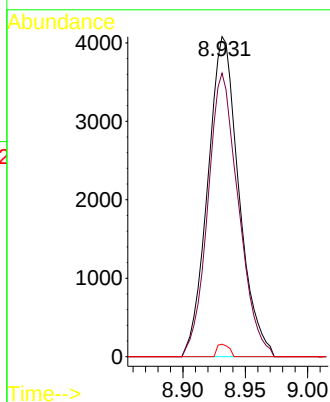
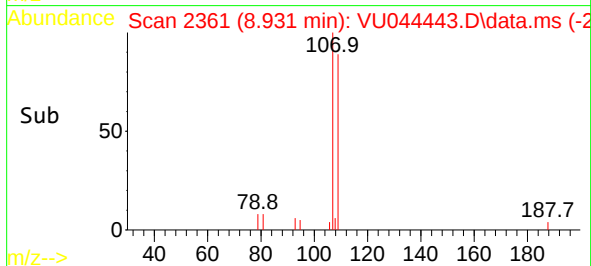


#50
1,2-Dibromoethane
Concen: 0.983 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

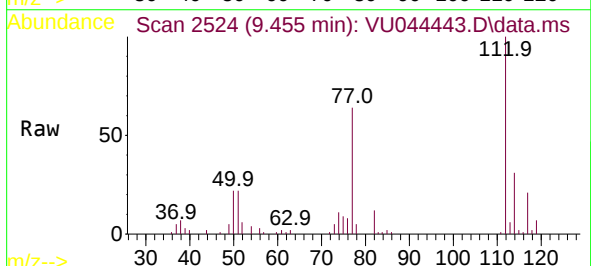
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016



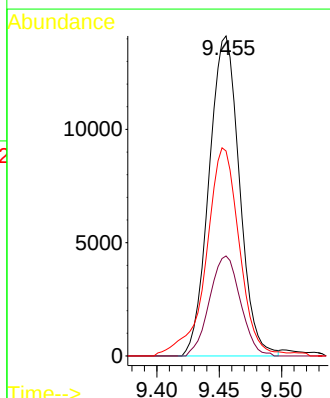
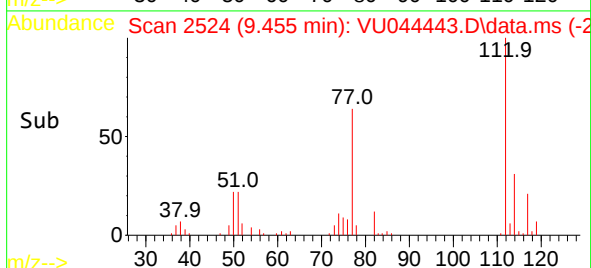
Tgt Ion:107 Resp: 7093
Ion Ratio Lower Upper
107 100
109 88.6 65.2 121.0
188 3.9 2.4 3.6#

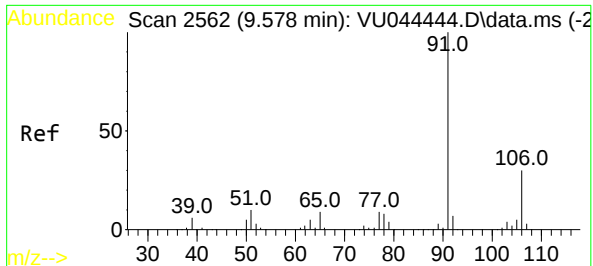


#51
Chlorobenzene
Concen: 0.928 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55



Tgt Ion:112 Resp: 23979
Ion Ratio Lower Upper
112 100
114 31.3 22.7 42.1
77 64.1 51.3 76.9

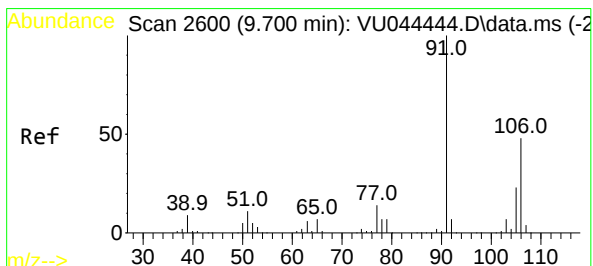
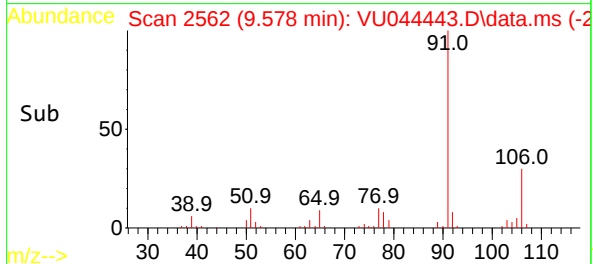
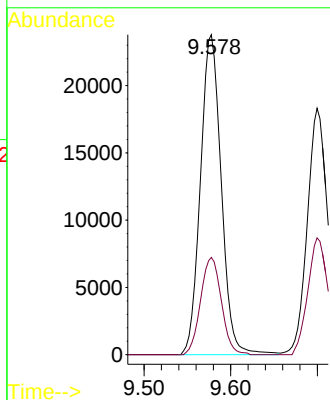
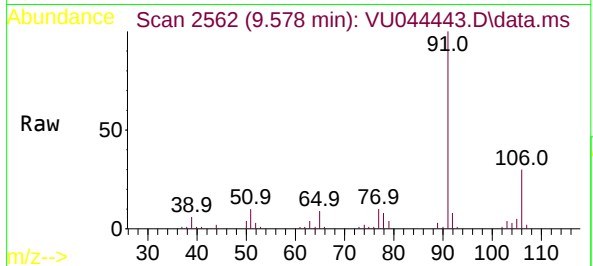




#52
Ethylbenzene
Concen: 0.892 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

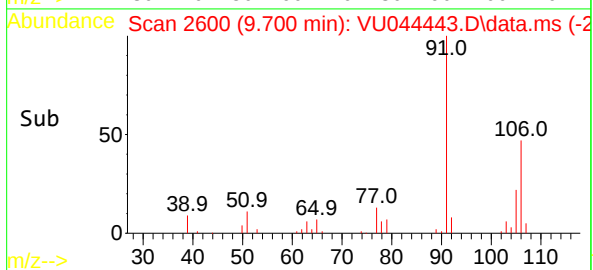
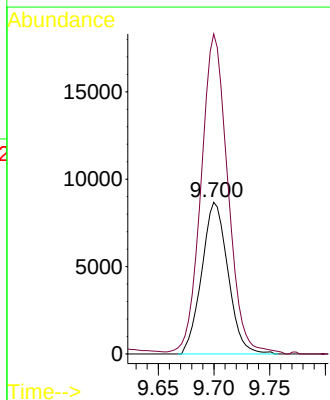
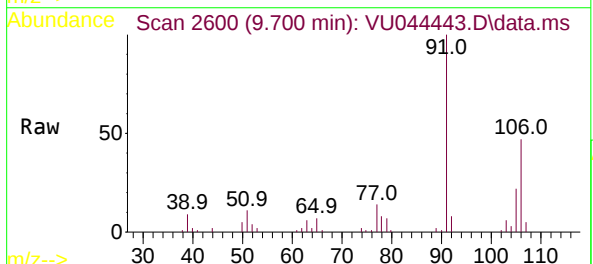
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

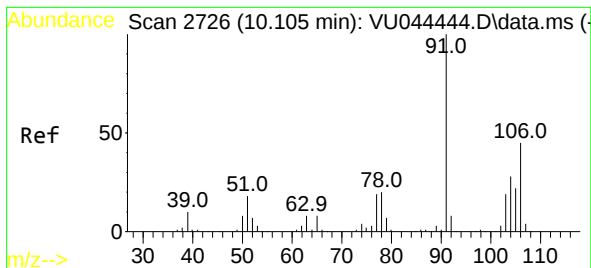
Tgt Ion: 91 Resp: 39672
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.6



#53
m,p-Xylene
Concen: 0.853 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 106 Resp: 14255
Ion Ratio Lower Upper
106 100
91 211.0 146.2 271.6

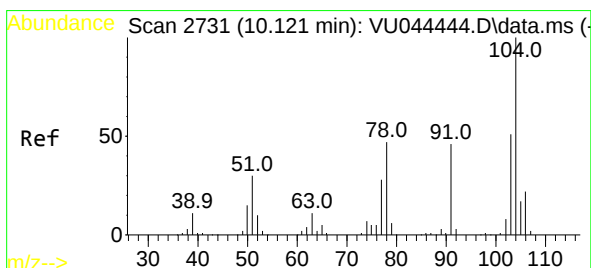
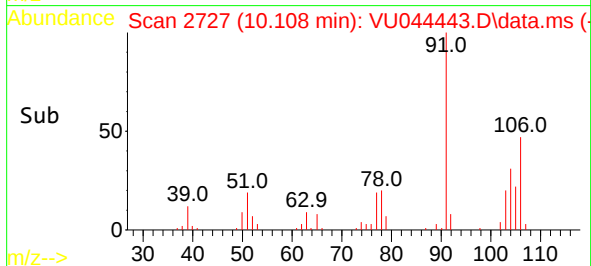
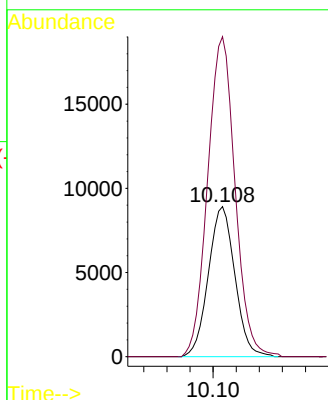
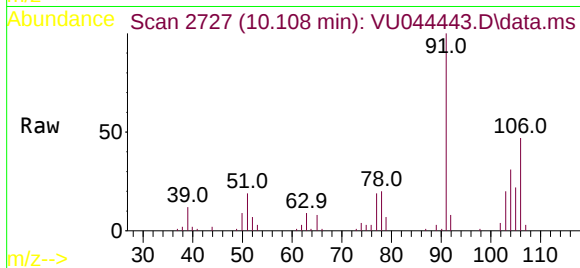




#54
o-Xylene
Concen: 0.873 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

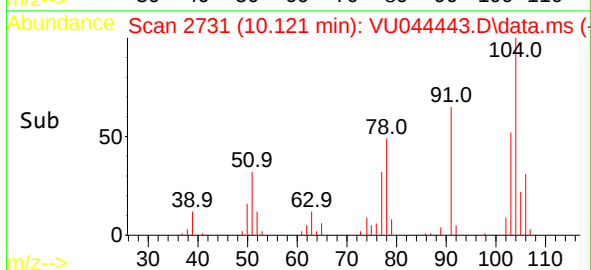
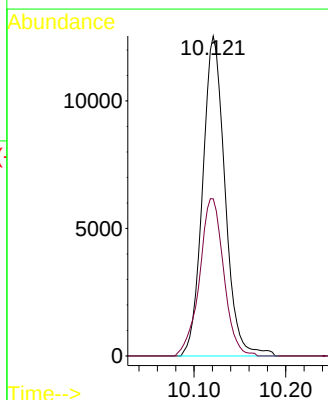
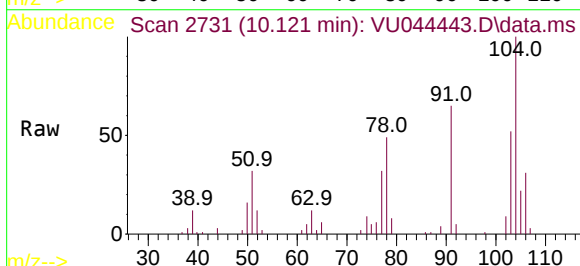
Instrument :
MSVOA_U
ClientSampled :
VSTD001016

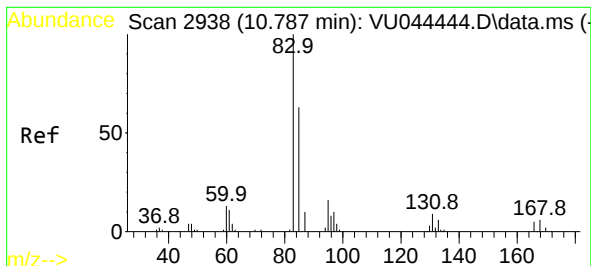
Tgt Ion:106 Resp: 14213
Ion Ratio Lower Upper
106 100
91 213.2 154.4 286.8



#55
Styrene
Concen: 0.797 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:104 Resp: 21281
Ion Ratio Lower Upper
104 100
78 49.1 32.6 60.5

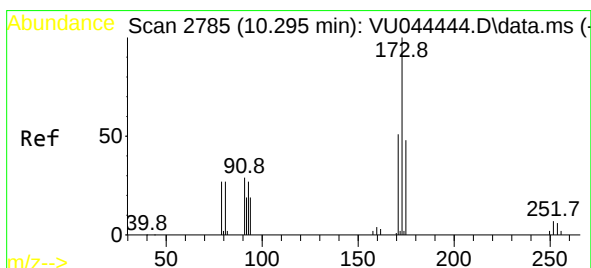
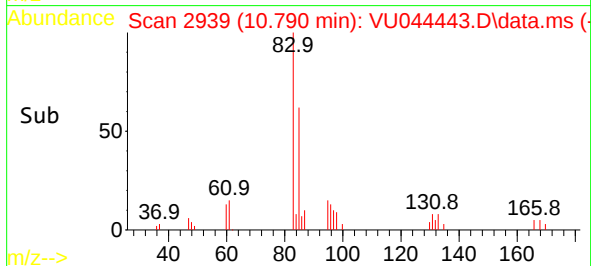
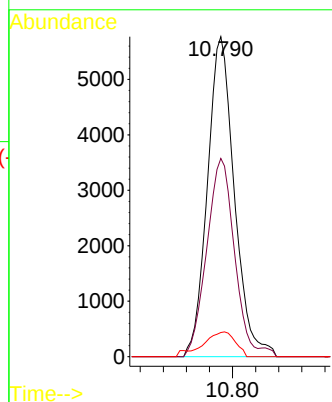
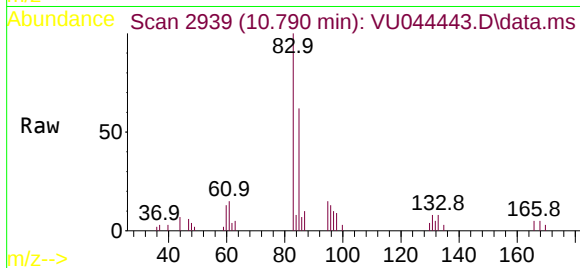




#57
1,1,2,2-Tetrachloroethane
Concen: 0.940 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

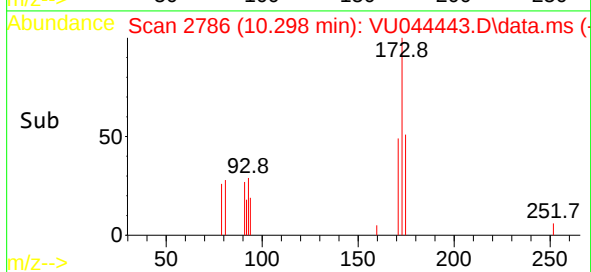
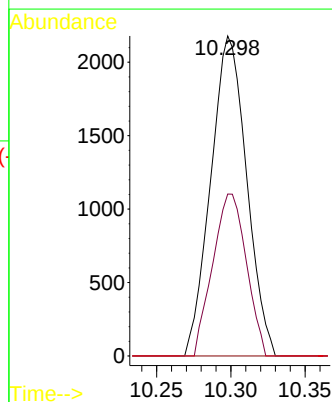
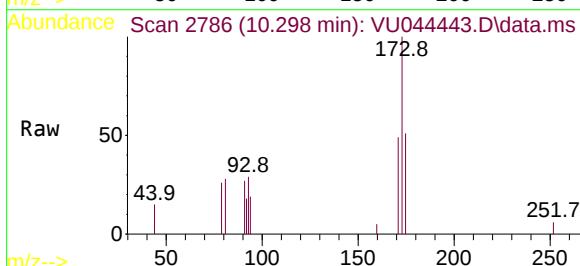
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

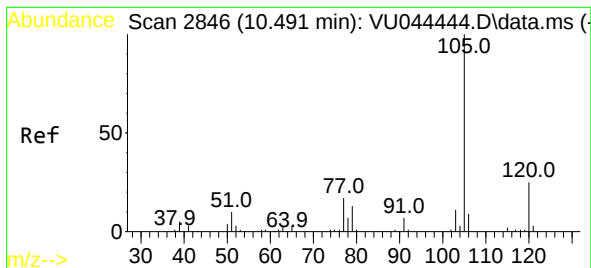
Tgt Ion: 83 Resp: 9342
Ion Ratio Lower Upper
83 100
85 61.9 44.2 82.2
131 7.5 6.9 10.3



#59
Bromoform
Concen: 0.897 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 173 Resp: 3659
Ion Ratio Lower Upper
173 100
175 47.3 38.0 57.0
254 0.0 4.3 6.5#





#60

Isopropylbenzene

Concen: 0.894 ug/L

RT: 10.491 min Scan# 2846

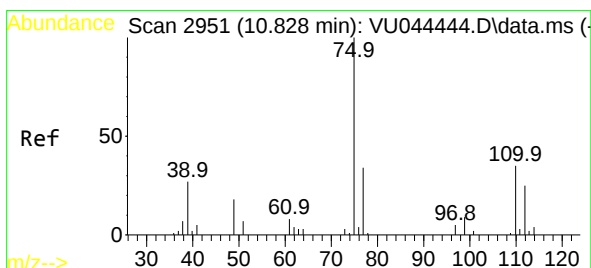
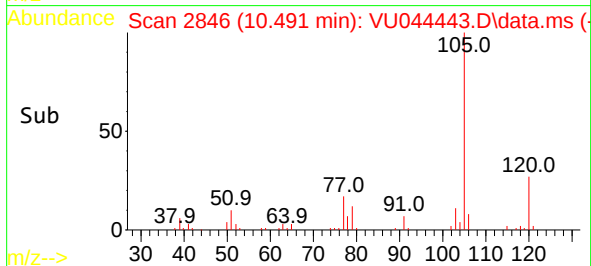
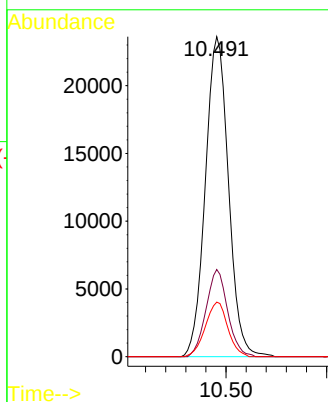
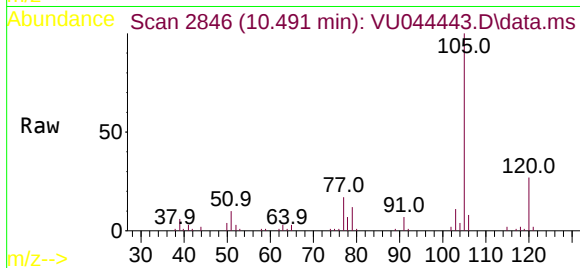
Delta R.T. -0.000 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Tgt Ion:	105	Resp:	37682
Ion Ratio	Lower	Upper	
105	100		
120	25.5	20.1	30.1
77	16.6	13.4	20.0

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016



#61

1,2,3-Trichloropropane

Concen: 0.970 ug/L

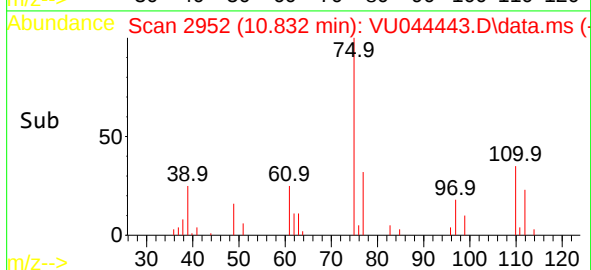
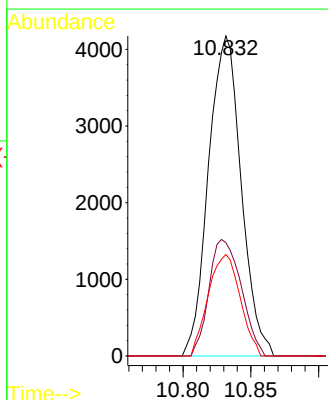
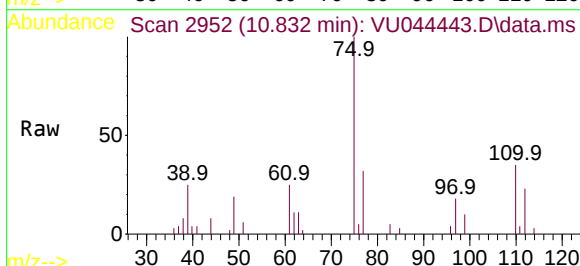
RT: 10.832 min Scan# 2952

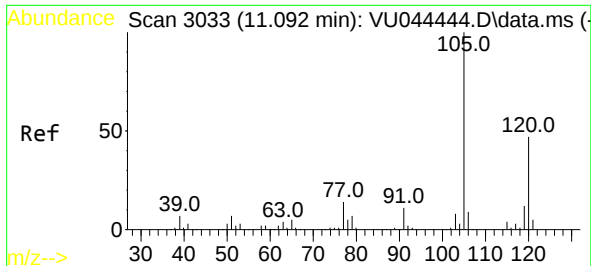
Delta R.T. 0.003 min

Lab File: VU044443.D

Acq: 18 Aug 2021 11:55

Tgt Ion:	75	Resp:	7003
Ion Ratio	Lower	Upper	
75	100		
110	35.9	28.4	42.6
77	30.9	26.5	39.7

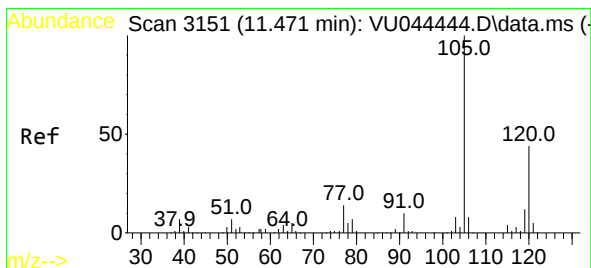
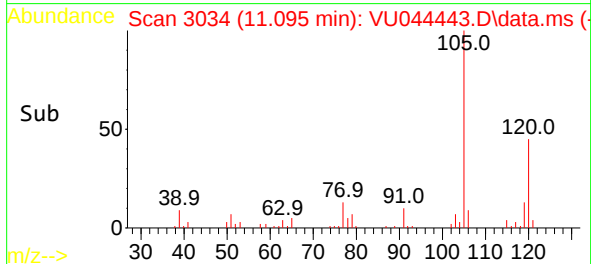
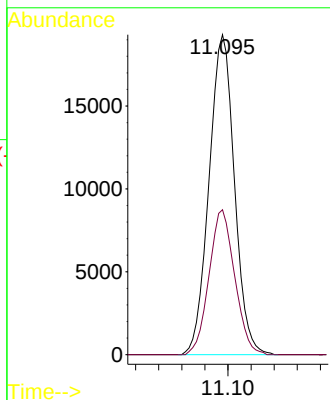
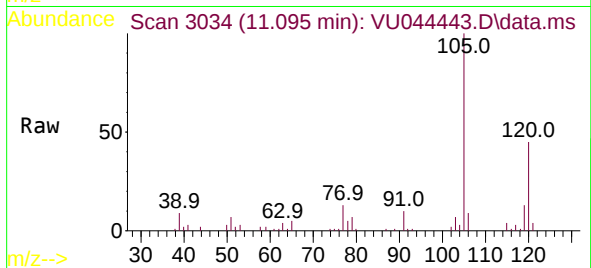




#62
1,3,5-Trimethylbenzene
Concen: 0.854 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

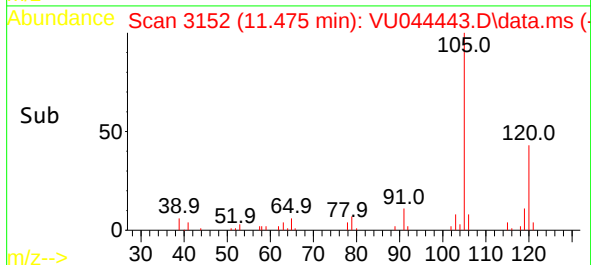
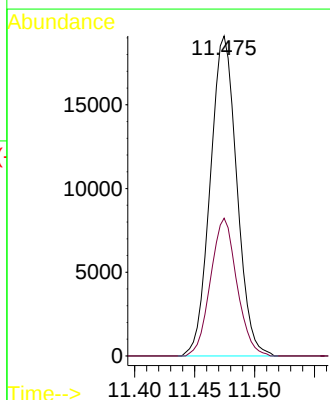
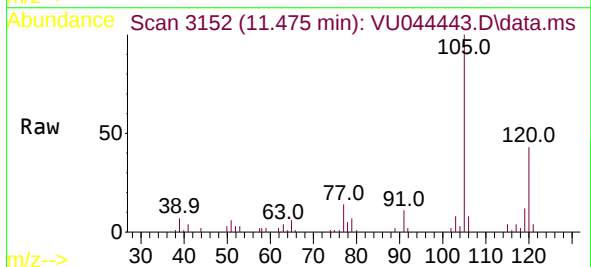
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

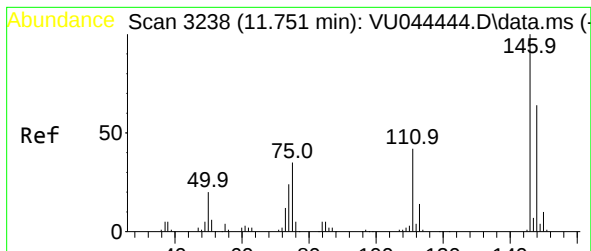
Tgt Ion:105 Resp: 29445
Ion Ratio Lower Upper
105 100
120 45.7 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 0.832 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:105 Resp: 29399
Ion Ratio Lower Upper
105 100
120 42.7 35.2 52.8

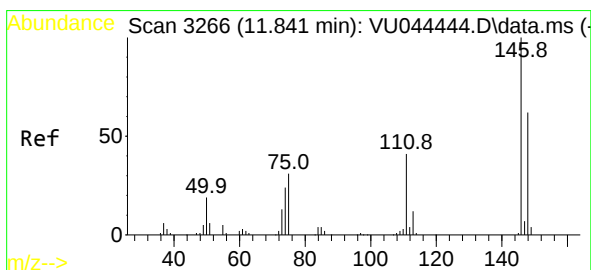
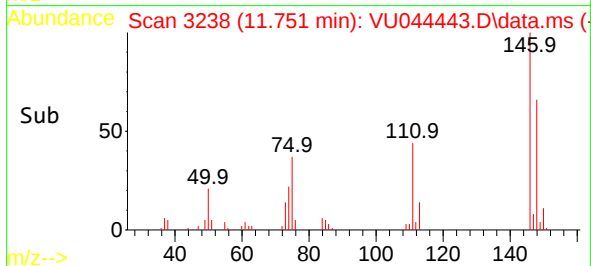
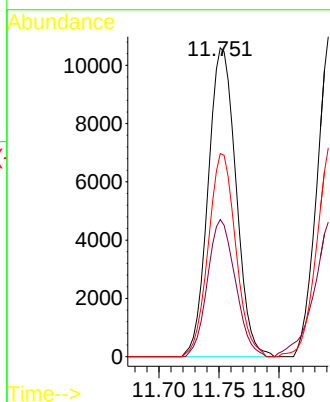
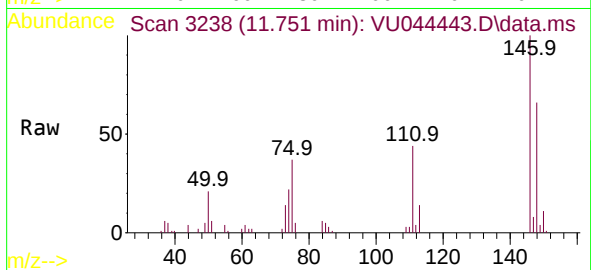




#64
1,3-Dichlorobenzene
Concen: 0.924 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

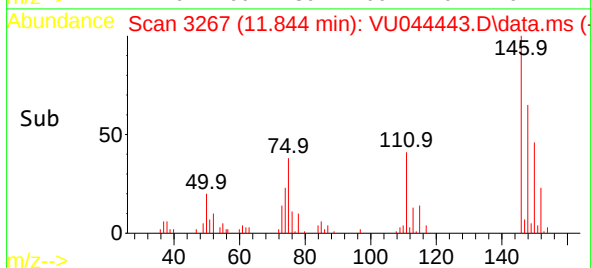
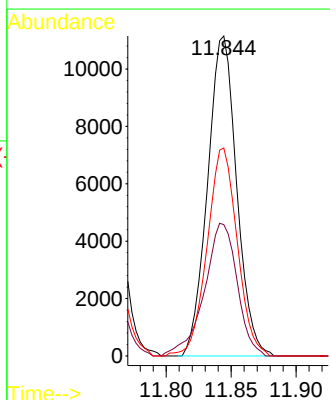
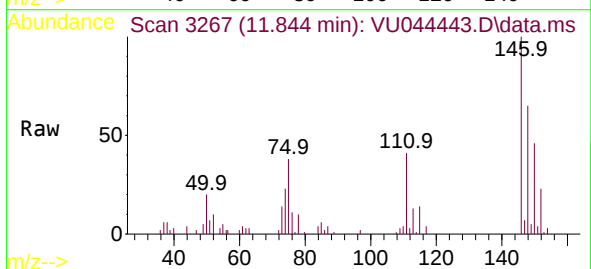
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

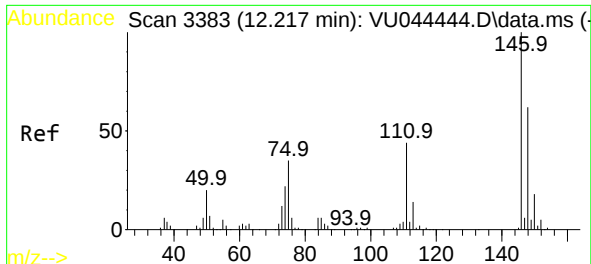
Tgt Ion:146 Resp: 17108
Ion Ratio Lower Upper
146 100
111 44.4 29.6 55.0
148 65.8 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 0.929 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:146 Resp: 17368
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 65.0 43.6 81.0

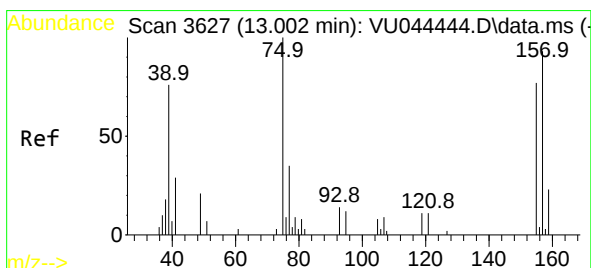
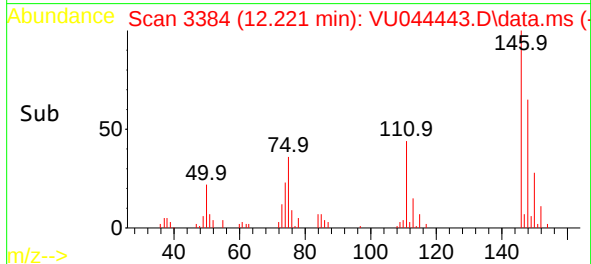
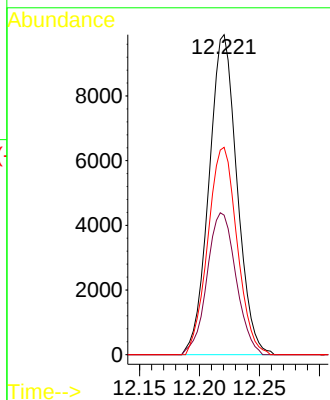
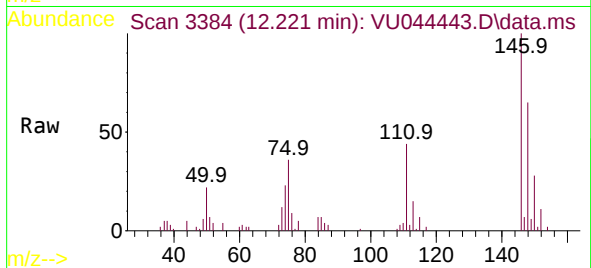




#67
1,2-Dichlorobenzene
Concen: 0.912 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

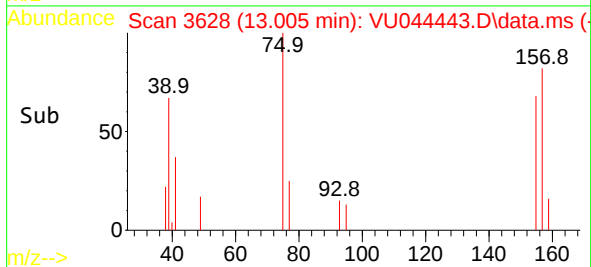
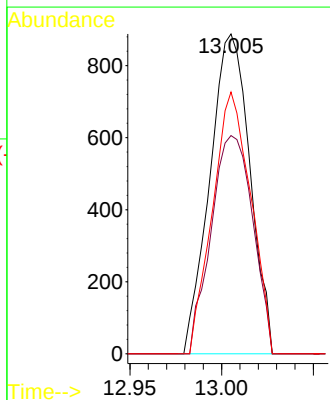
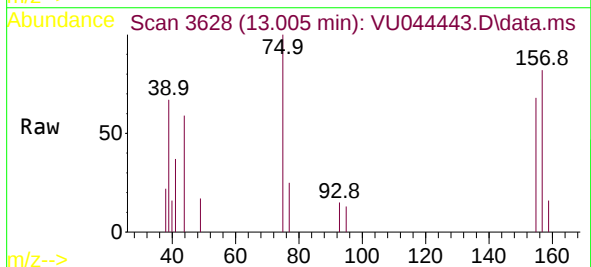
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

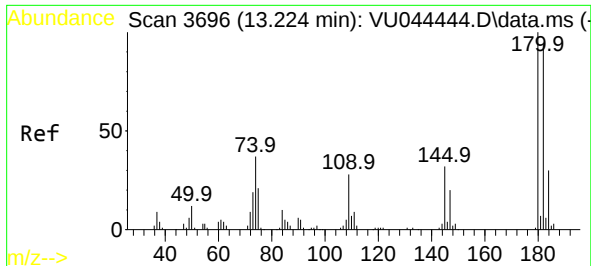
Tgt Ion:146 Resp: 16092
Ion Ratio Lower Upper
146 100
111 43.6 34.9 52.3
148 64.8 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 0.913 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion: 75 Resp: 1348
Ion Ratio Lower Upper
75 100
155 68.2 61.2 91.8
157 81.9 74.2 111.2

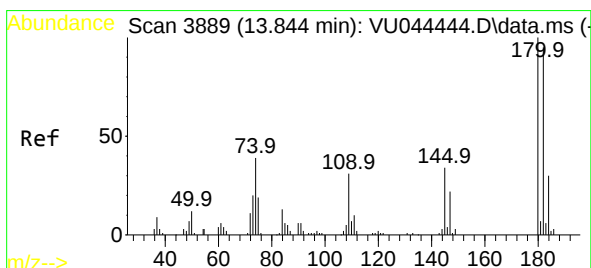
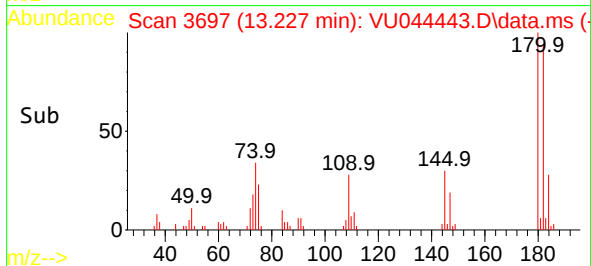
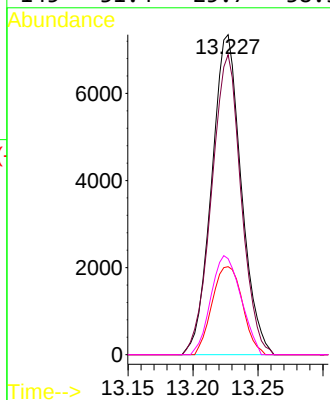
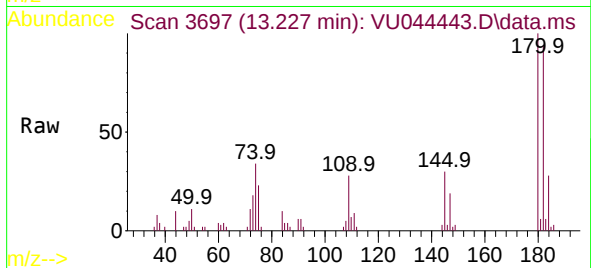




#69
1,3,5-Trichlorobenzene
Concen: 0.895 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

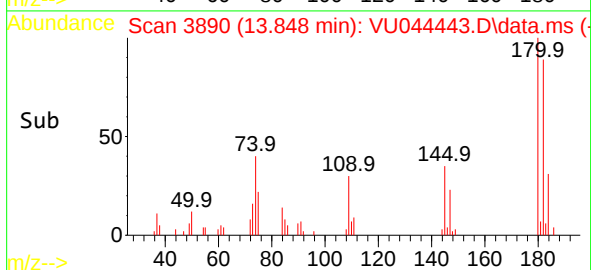
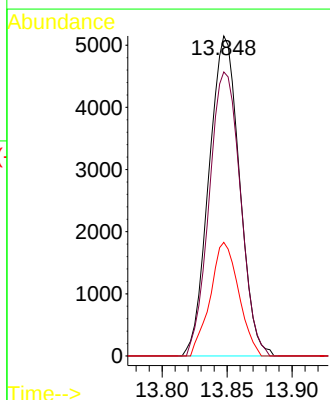
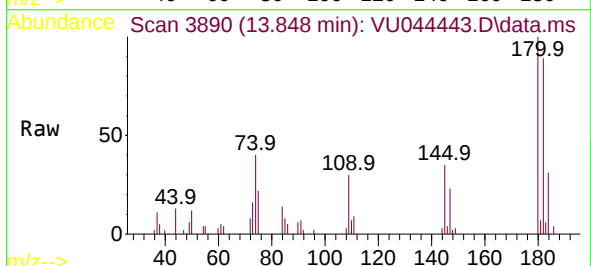
Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

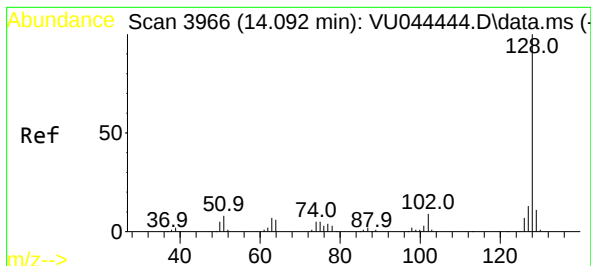
Tgt Ion:180 Resp: 11659
Ion Ratio Lower Upper
180 100
182 93.0 75.0 112.6
184 28.2 24.3 36.5
145 31.4 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 0.824 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:180 Resp: 8417
Ion Ratio Lower Upper
180 100
182 90.5 76.0 114.0
145 33.1 26.3 39.5

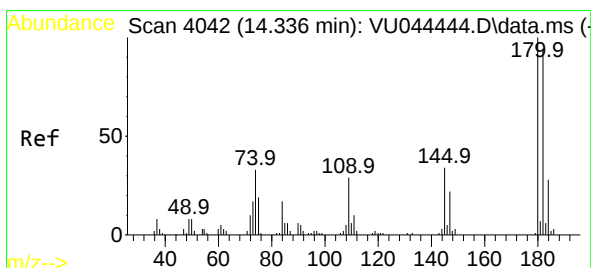
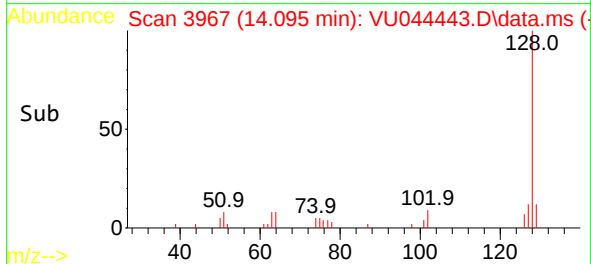
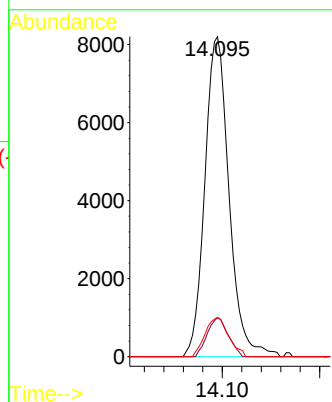
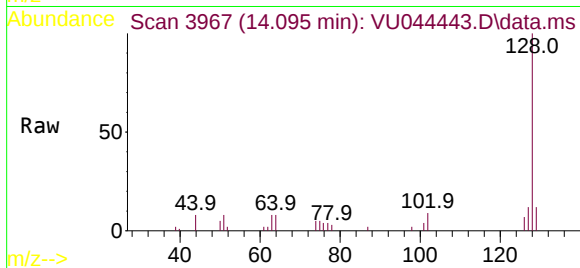




#71
Naphthalene
Concen: 0.726 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Instrument :
MSVOA_U
ClientSampleId :
VSTD001016

Tgt Ion:128 Resp: 14147
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 11.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.802 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044443.D
Acq: 18 Aug 2021 11:55

Tgt Ion:180 Resp: 7502
Ion Ratio Lower Upper
180 100
182 98.4 76.4 114.6
145 35.8 27.1 40.7

