

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044444.D
 Acq On : 18 Aug 2021 12:19
 Operator : SY/MD
 Sample : VSTD00517
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005017

Quant Time: Aug 19 03:41:29 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	121865	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	123737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	61894	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	46895	4.758	ug/L	0.00
7) Chloroethane-d5	1.916	69	41555	4.851	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.571	65	20375	4.860	ug/L	0.00
20) 2-Butanone-d5	4.639	46	132992	48.790	ug/L	0.00
24) Chloroform-d	5.070	84	84950	4.874	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	45648	4.803	ug/L	0.00
32) Benzene-d6	5.735	84	168918	4.848	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	53748	4.822	ug/L	0.00
41) Toluene-d8	7.902	98	149132	4.827	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	19877	4.965	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	105726	48.839	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44995	4.793	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	49917	4.773	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	66124	5.276	ug/L	100
3) Chloromethane	1.523	50	82714	5.038	ug/L	100
5) Vinyl chloride	1.607	62	80275	5.289	ug/L	100
6) Bromomethane	1.861	94	40479	4.906	ug/L	100
8) Chloroethane	1.938	64	47542	5.124	ug/L	100
9) Trichlorofluoromethane	2.144	101	89928	5.182	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	50505	5.289	ug/L	100
12) 1,1-Dichloroethene	2.584	96	48514	5.180	ug/L	100
13) Acetone	2.645	43	76678	47.002	ug/L	82
14) Carbon disulfide	2.800	76	156934	5.166	ug/L	100
15) Methyl Acetate	2.961	43	21128	5.715	ug/L	100
16) Methylene chloride	3.054	84	59748	4.294	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	127879	5.280	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	50929	5.219	ug/L	100
19) 1,1-Dichloroethane	3.877	63	97568	5.158	ug/L	100
21) 2-Butanone	4.716	43	165391	51.277	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	55687	5.337	ug/L	100
23) Bromochloromethane	4.983	128	25077	5.452	ug/L	100
25) Chloroform	5.095	83	99198	5.111	ug/L	100
27) 1,2-Dichloroethane	5.803	62	68292	5.275	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	81183	5.242	ug/L	100
30) Cyclohexane	5.398	56	89795	5.245	ug/L	100
31) Carbon tetrachloride	5.533	117	66454	5.222	ug/L	100
33) Benzene	5.780	78	221856	5.285	ug/L	100
34) Trichloroethene	6.549	95	52890	5.096	ug/L	100
35) Methylcyclohexane	6.771	83	90619	5.235	ug/L	100
37) 1,2-Dichloropropane	6.800	63	57294	5.212	ug/L	100
38) Bromodichloromethane	7.111	83	71164	5.272	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	80316	5.210	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	395951	53.048	ug/L	100
42) Toluene	7.976	91	228355	5.222	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	68847	5.269	ug/L	100

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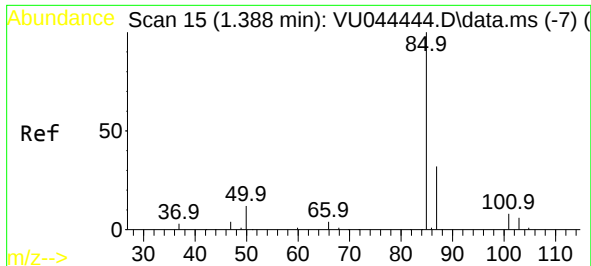
Instrument :
 MSVOA_U
 ClientSampleId :
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Quant Time: Aug 19 03:41:29 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	41745	5.325	ug/L	100
47) Tetrachloroethene	8.558	164	36895	5.141	ug/L	100
48) 2-Hexanone	8.693	43	280946	52.751	ug/L	100
49) Dibromochloromethane	8.816	129	44086	5.314	ug/L	100
50) 1,2-Dibromoethane	8.931	107	39153	5.222	ug/L	100
51) Chlorobenzene	9.452	112	139142	5.185	ug/L	100
52) Ethylbenzene	9.578	91	242915	5.259	ug/L	100
53) m,p-Xylene	9.700	106	92931	5.351	ug/L	100
54) o-Xylene	10.105	106	91242	5.394	ug/L	100
55) Styrene	10.121	104	147274	5.310	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	55629	5.390	ug/L	100
59) Bromoform	10.295	173	23176	5.300	ug/L	100
60) Isopropylbenzene	10.491	105	237539	5.259	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	39536	5.112	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	195639	5.297	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	203100	5.362	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	104041	5.245	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	103330	5.157	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	99938	5.287	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	8186	5.174	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	71381	5.112	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	56980	5.206	ug/L	100
71) Naphthalene	14.092	128	108175	5.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	53123	5.301	ug/L	100

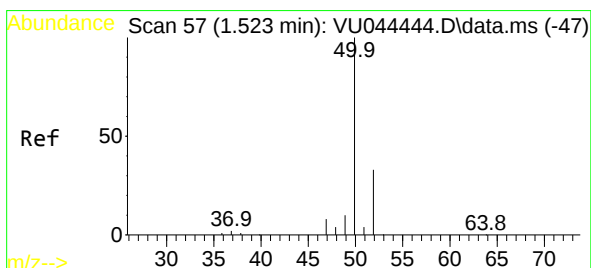
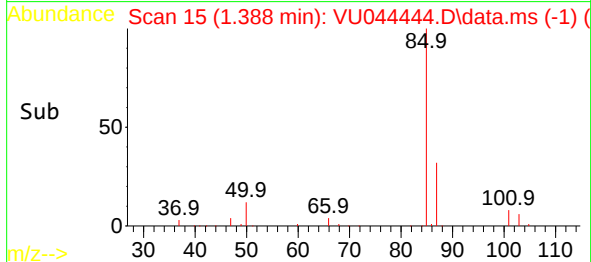
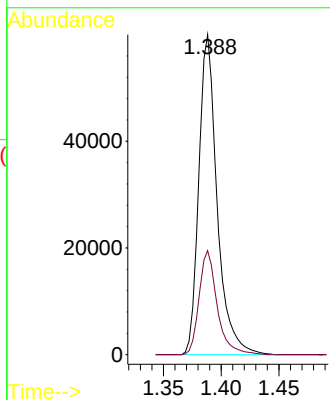
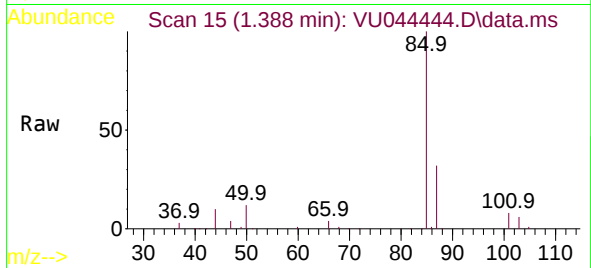
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 5.276 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

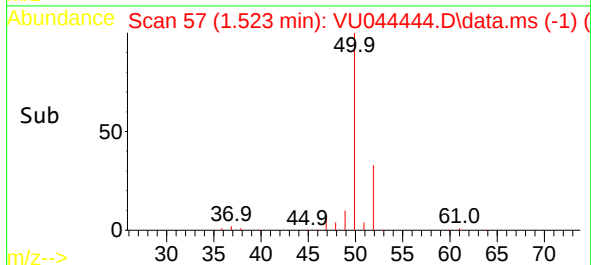
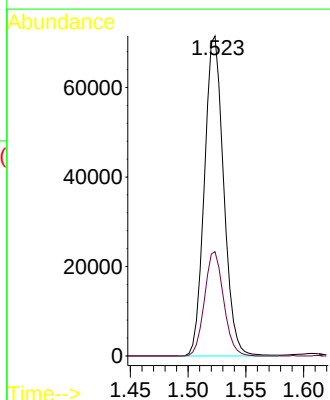
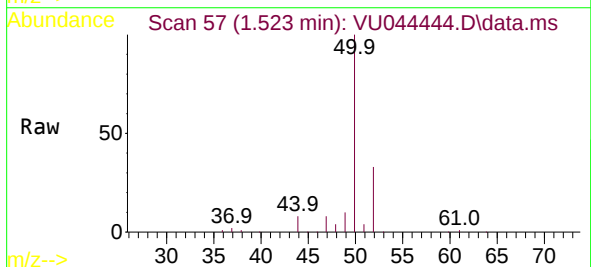
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MSVOA_U
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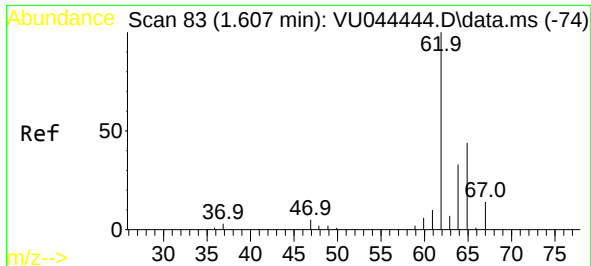
Tgt Ion: 85 Resp: 66124
Ion Ratio Lower Upper
85 100
87 32.1 25.7 38.5



#3
Chloromethane
Concen: 5.038 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 50 Resp: 82714
Ion Ratio Lower Upper
50 100
52 32.6 22.8 42.4

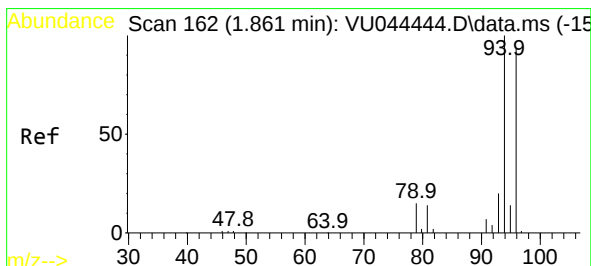
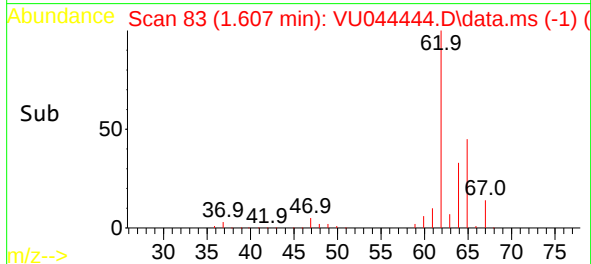
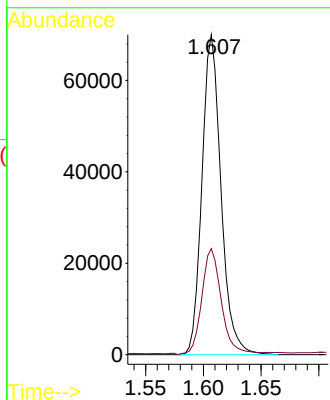
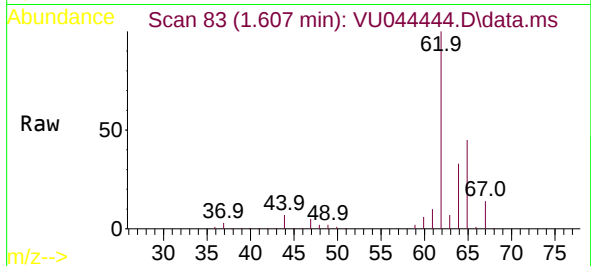




#5
 Vinyl chloride
 Concen: 5.289 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044444.D
 Acq: 18 Aug 2021 12:19

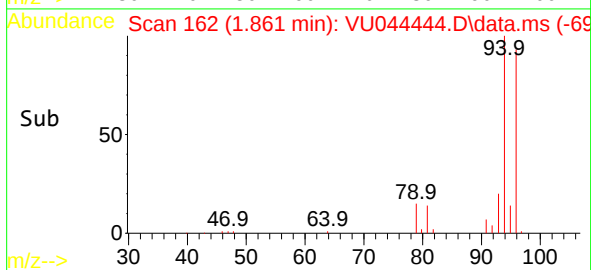
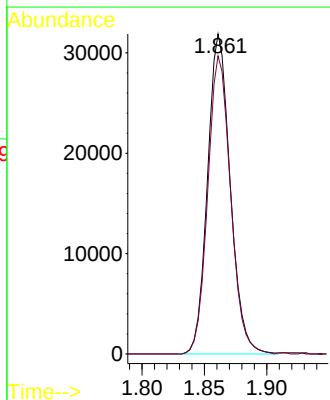
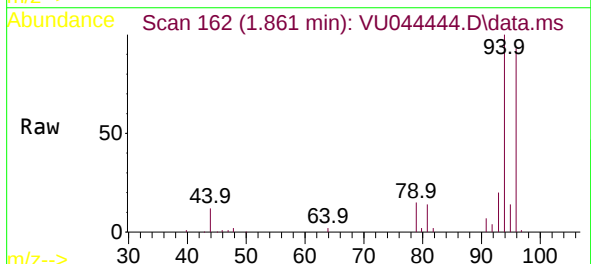
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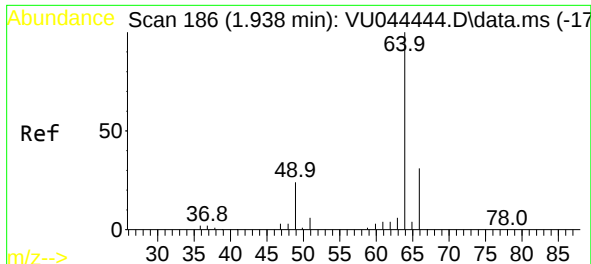
Tgt Ion: 62 Resp: 80275
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 4.906 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044444.D
 Acq: 18 Aug 2021 12:19

Tgt Ion: 94 Resp: 40479
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.2 121.2

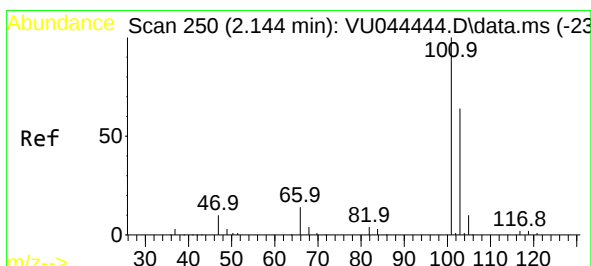
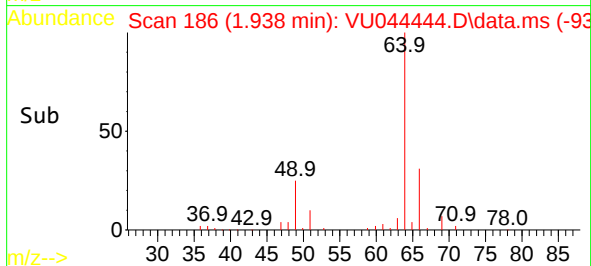
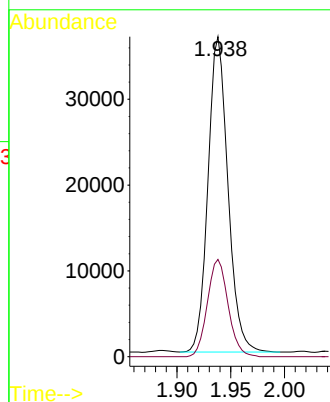
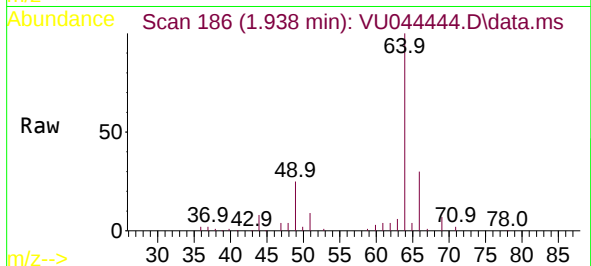




#8
Chloroethane
Concen: 5.124 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

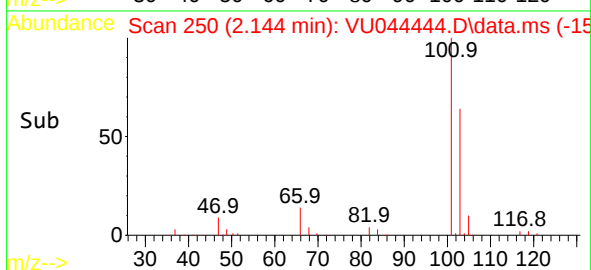
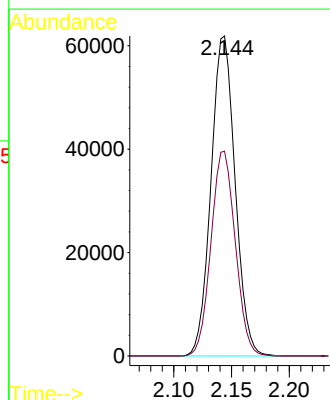
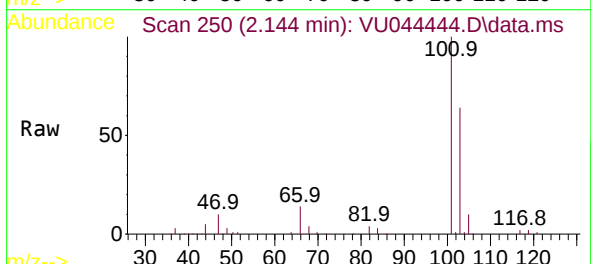
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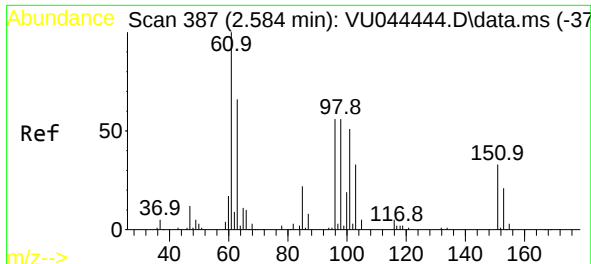
Tgt Ion: 64 Resp: 47542
Ion Ratio Lower Upper
64 100
66 30.4 21.3 39.5



#9
Trichlorofluoromethane
Concen: 5.182 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 101 Resp: 89928
Ion Ratio Lower Upper
101 100
103 64.5 51.6 77.4

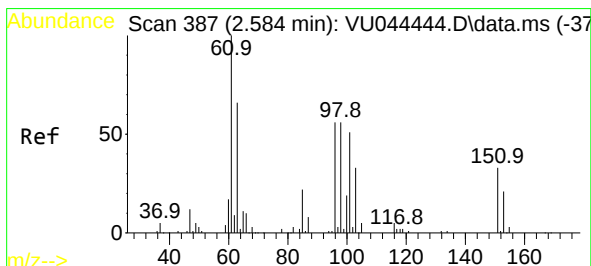
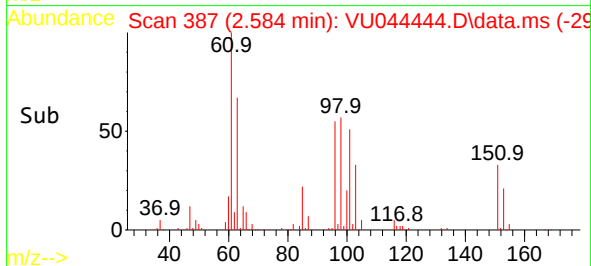
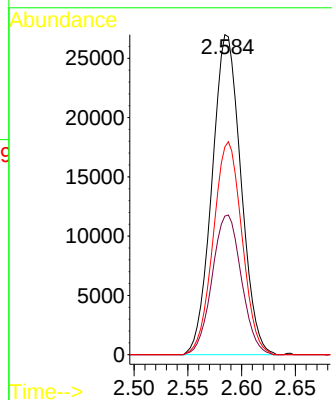
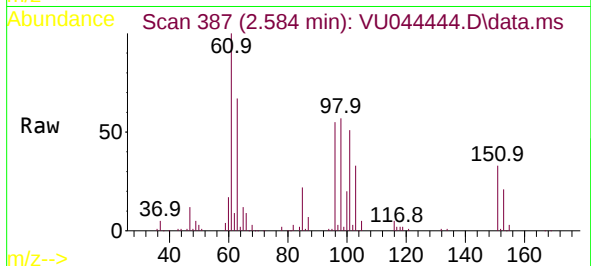




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.289 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

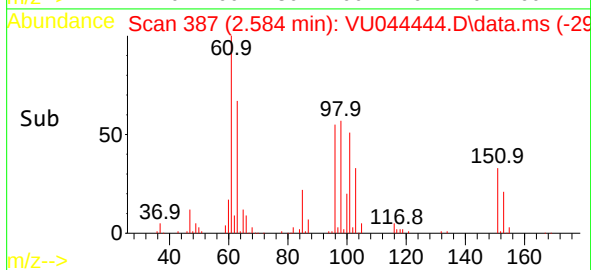
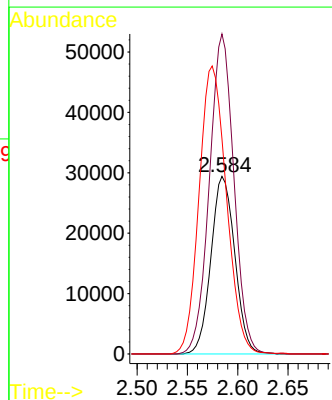
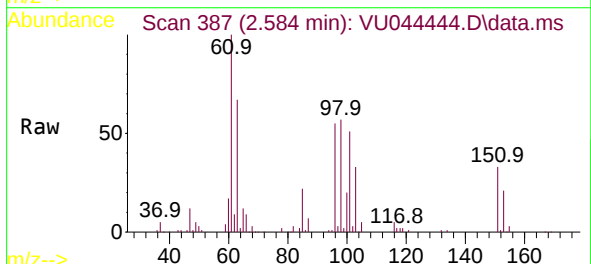
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ClientSampleId :
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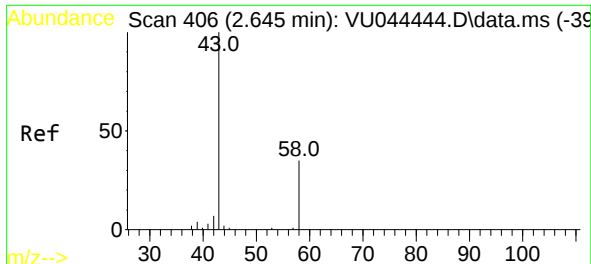
Tgt Ion:101 Resp: 50505
Ion Ratio Lower Upper
101 100
85 44.1 35.3 52.9
151 66.3 53.0 79.6



#12
1,1-Dichloroethene
Concen: 5.180 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 96 Resp: 48514
Ion Ratio Lower Upper
96 100
61 180.2 126.1 234.3
63 121.2 84.8 157.6

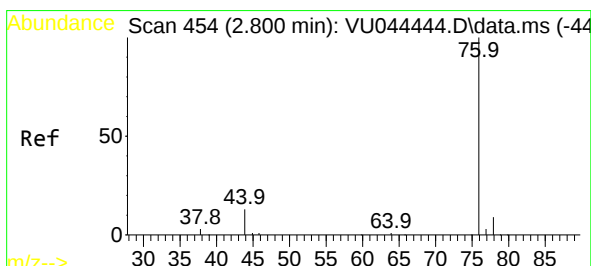
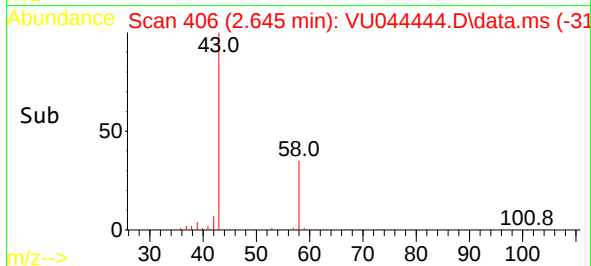
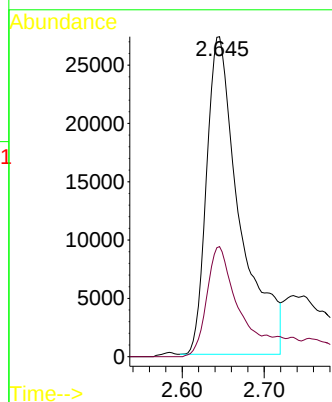
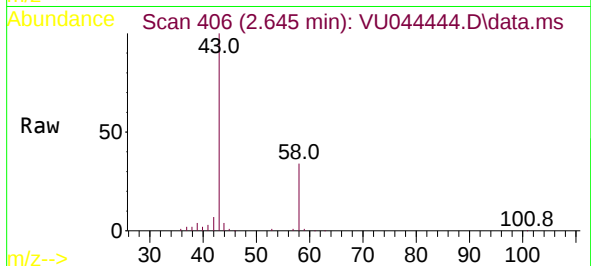




#13
Acetone
Concen: 47.002 ug/L
RT: 2.645 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

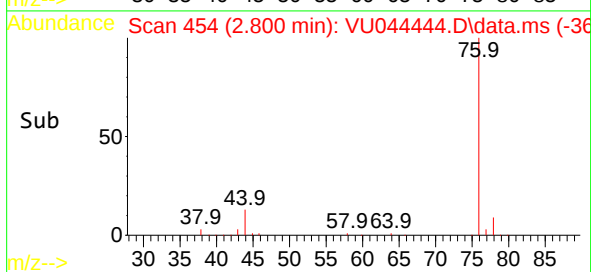
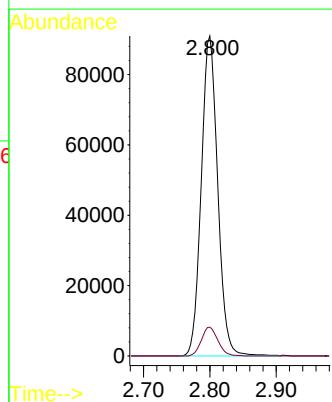
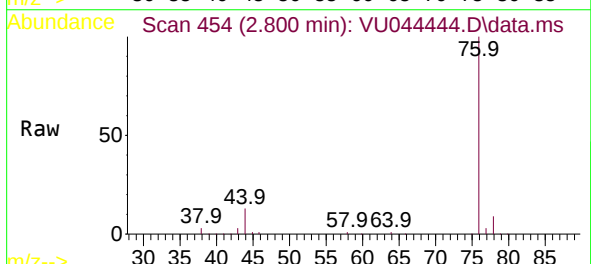
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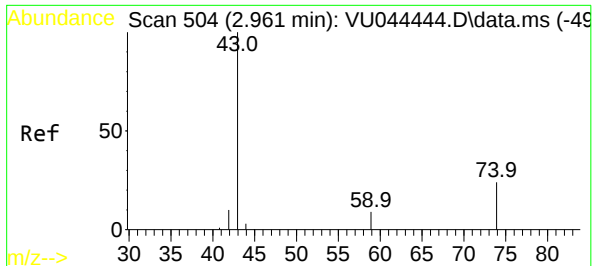
Tgt Ion: 43 Resp: 76678
Ion Ratio Lower Upper
43 100
58 31.3 0.0 45.4



#14
Carbon disulfide
Concen: 5.166 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 76 Resp: 156934
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

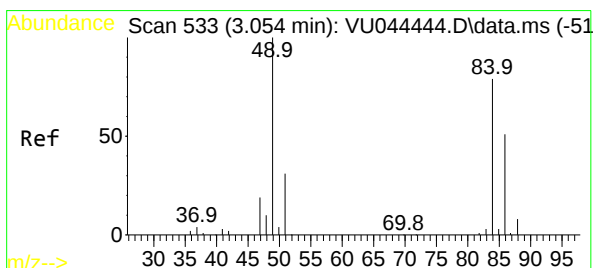
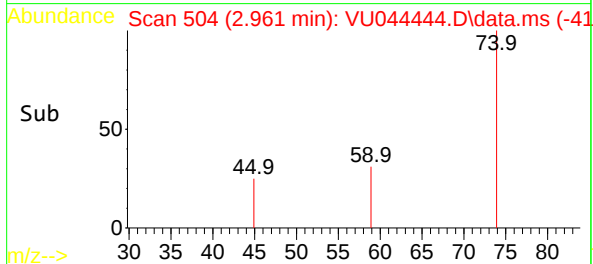
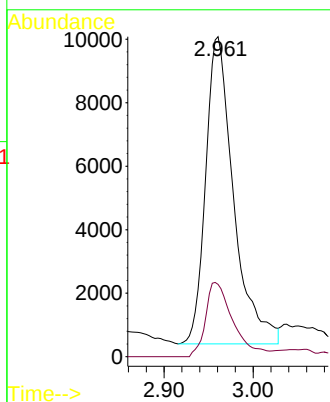
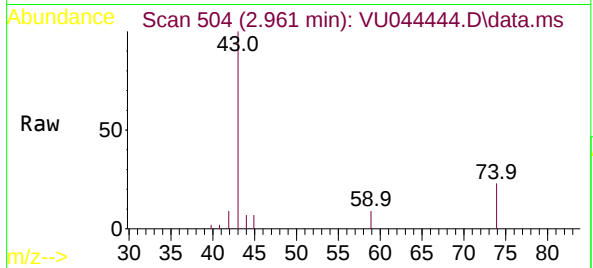




#15
Methyl Acetate
Concen: 5.715 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

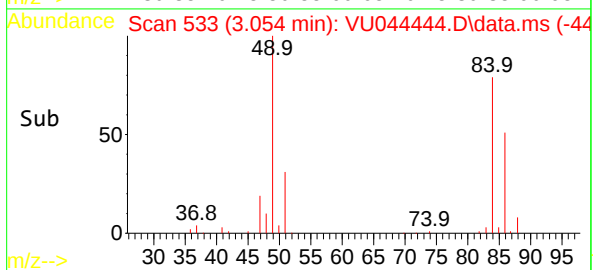
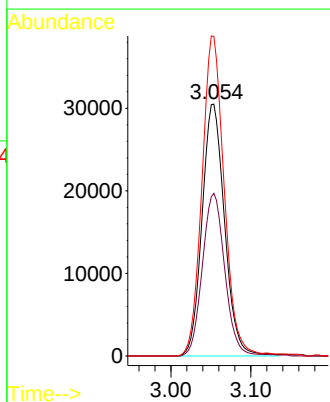
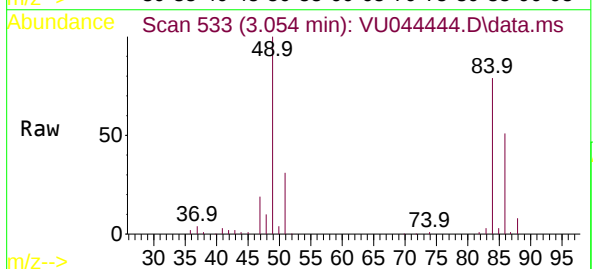
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ClientSampleId :
VSTD005017

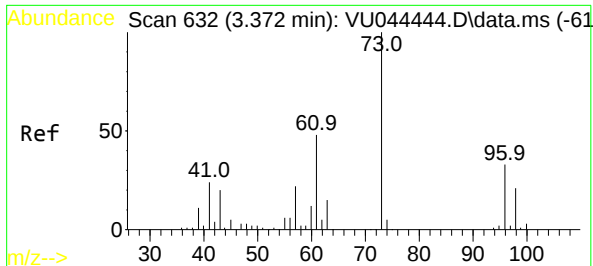
Tgt Ion: 43 Resp: 21128
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4



#16
Methylene chloride
Concen: 4.294 ug/L
RT: 3.054 min Scan# 533
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 84 Resp: 59748
Ion Ratio Lower Upper
84 100
86 64.6 45.2 84.0
49 126.9 88.8 165.0



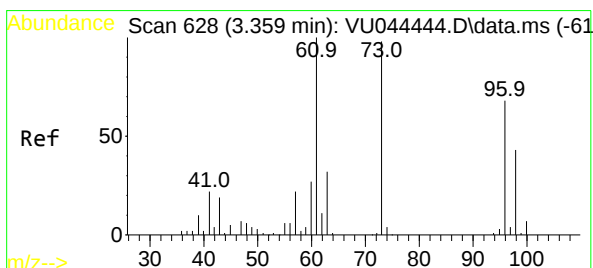
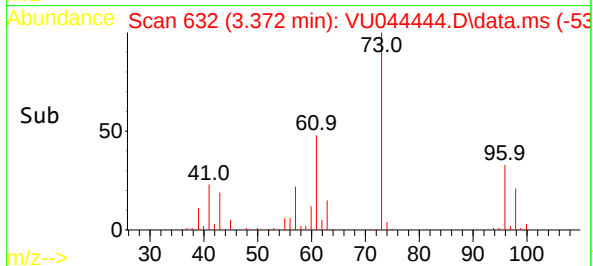
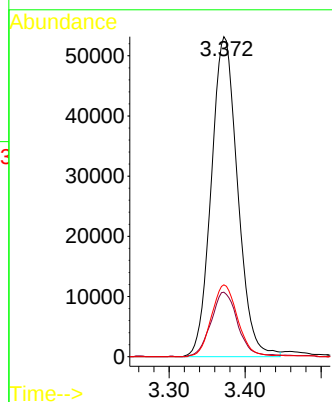
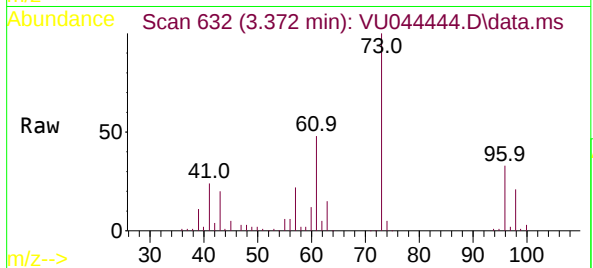


#17
Methyl tert-butyl Ether
Concen: 5.280 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

Tgt Ion: 73 Resp: 127879

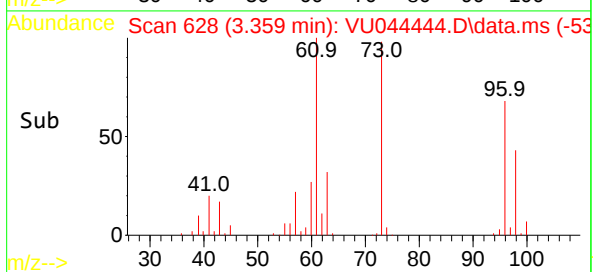
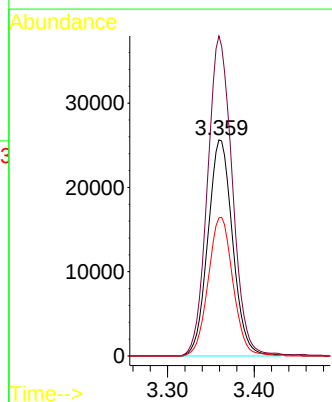
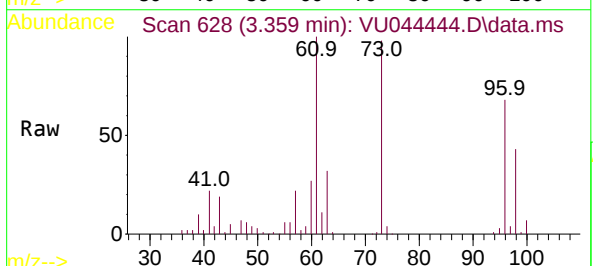
Ion	Ratio	Lower	Upper
73	100		
43	20.3	16.2	24.4
57	22.3	17.8	26.8

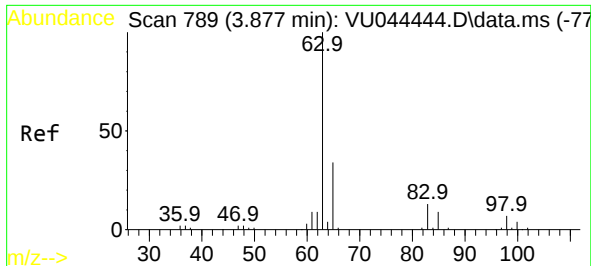


#18
trans-1,2-Dichloroethene
Concen: 5.219 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 96 Resp: 50929

Ion	Ratio	Lower	Upper
96	100		
61	148.1	103.7	192.5
98	63.9	44.7	83.1





#19

1,1-Dichloroethane

Concen: 5.158 ug/L

RT: 3.877 min Scan# 789

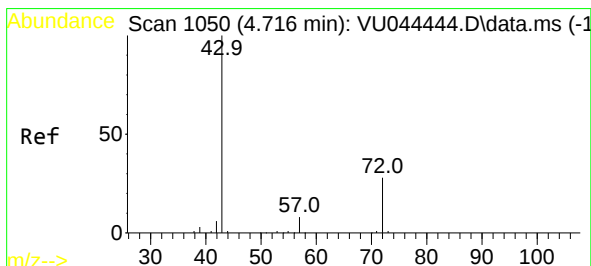
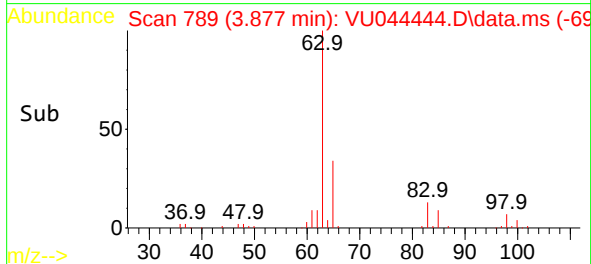
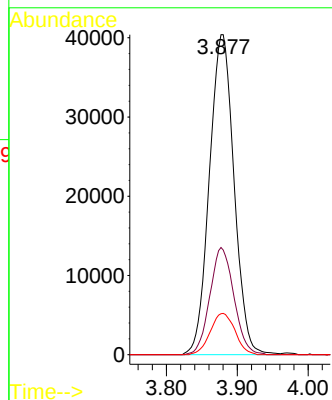
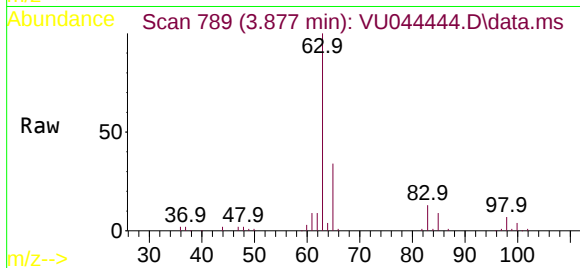
Delta R.T. 0.000 min

Lab File: VU044444.D

Acq: 18 Aug 2021 12:19

Tgt Ion: 63 Resp: 97568

Ion	Ratio	Lower	Upper
63	100		
65	33.5	23.4	43.6
83	12.8	9.0	16.6



#21

2-Butanone

Concen: 51.277 ug/L

RT: 4.716 min Scan# 1050

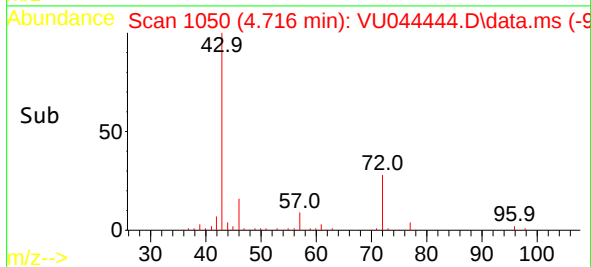
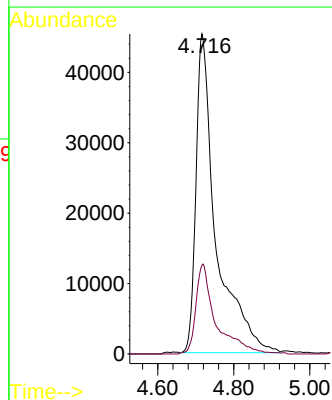
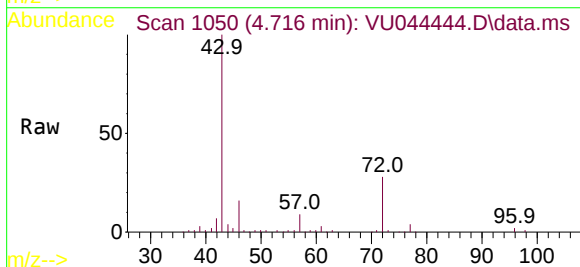
Delta R.T. 0.000 min

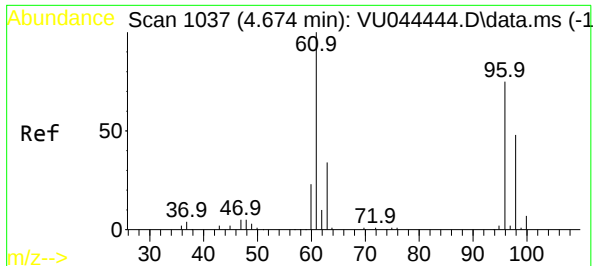
Lab File: VU044444.D

Acq: 18 Aug 2021 12:19

Tgt Ion: 43 Resp: 165391

Ion	Ratio	Lower	Upper
43	100		
72	28.3	14.1	42.4

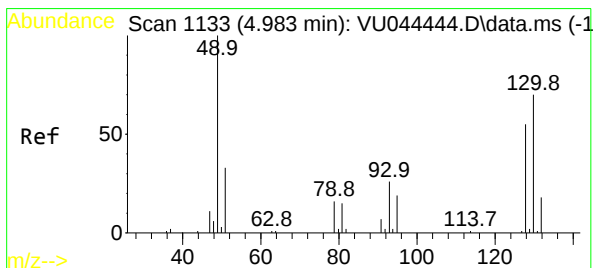
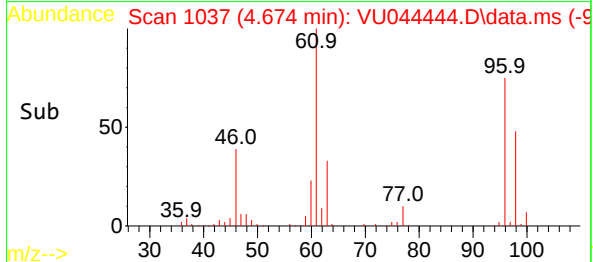
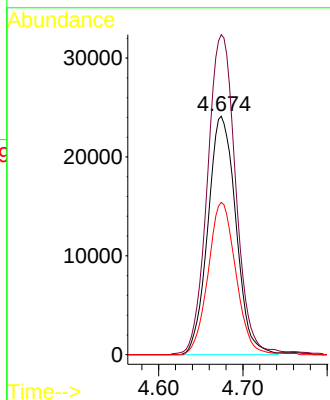
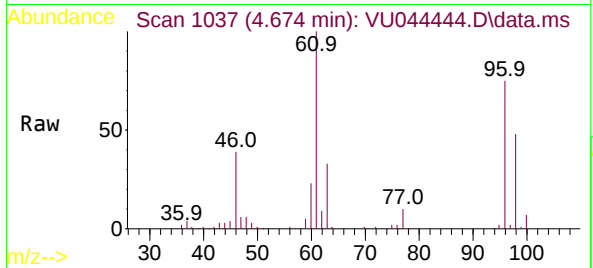




#22
cis-1,2-Dichloroethene
Concen: 5.337 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

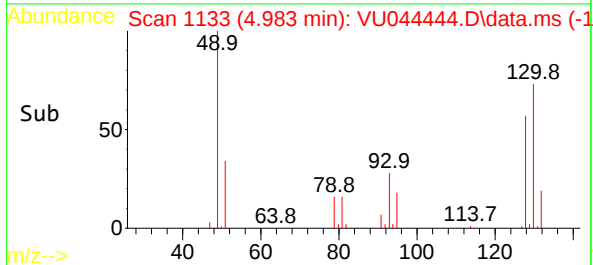
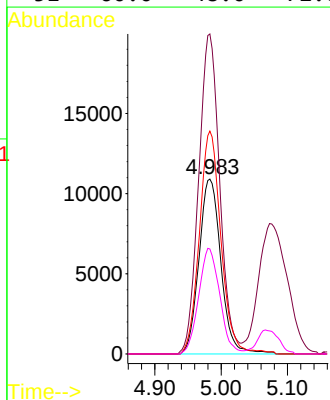
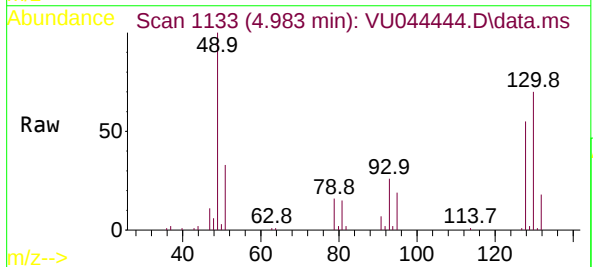
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

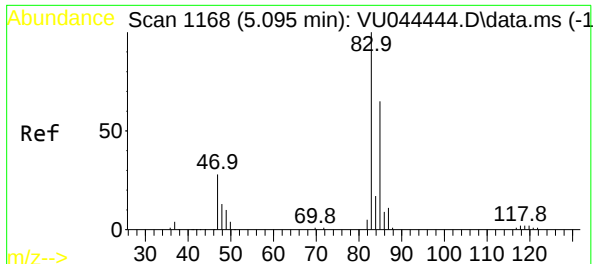
Tgt Ion: 96 Resp: 55687
Ion Ratio Lower Upper
96 100
61 134.2 93.9 174.5
98 63.9 44.7 83.1



#23
Bromochloromethane
Concen: 5.452 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 128 Resp: 25077
Ion Ratio Lower Upper
128 100
49 183.0 128.1 237.9
130 127.5 89.2 165.8
51 60.0 48.0 72.0





#25

Chloroform

Concen: 5.111 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044444.D

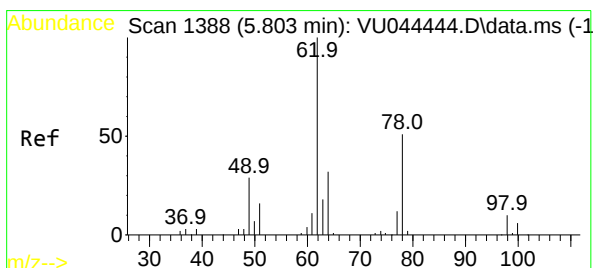
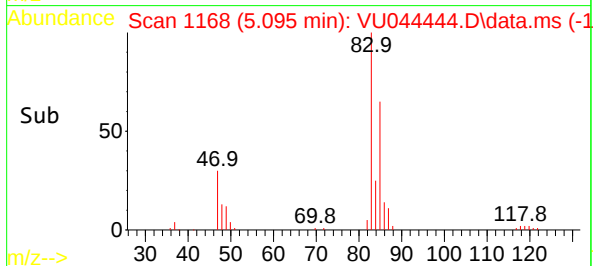
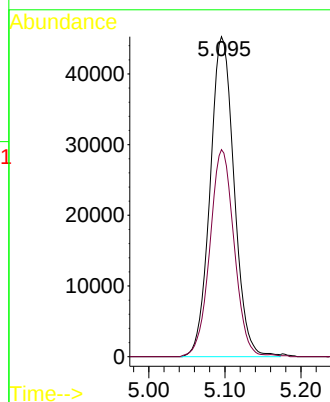
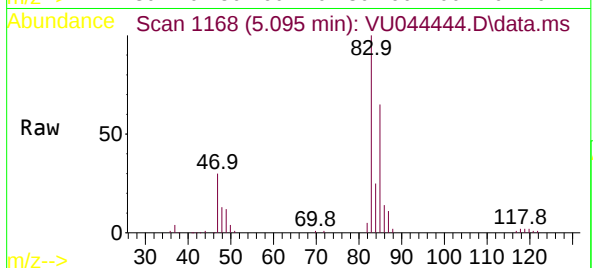
Acq: 18 Aug 2021 12:19

Tgt Ion: 83 Resp: 99198

Ion Ratio Lower Upper

83 100

85 64.7 45.3 84.1



#27

1,2-Dichloroethane

Concen: 5.275 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044444.D

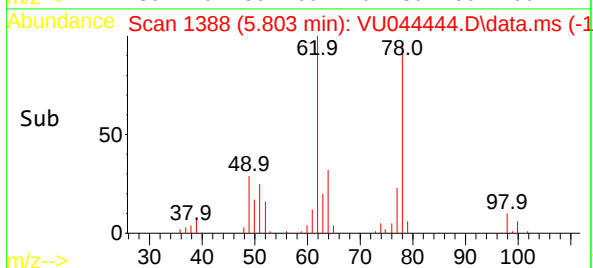
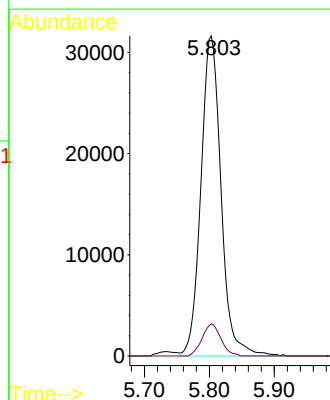
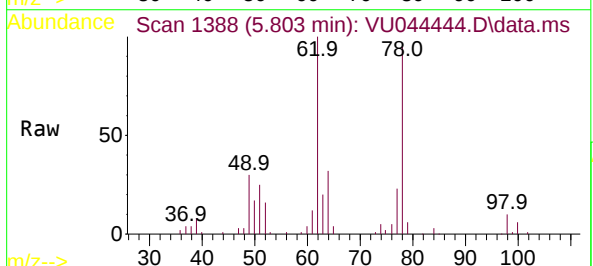
Acq: 18 Aug 2021 12:19

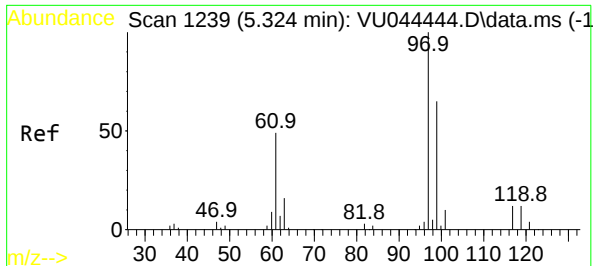
Tgt Ion: 62 Resp: 68292

Ion Ratio Lower Upper

62 100

98 10.0 8.0 12.0



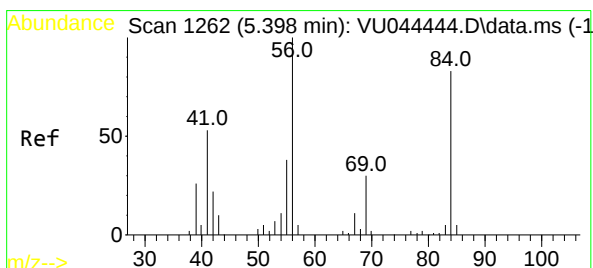
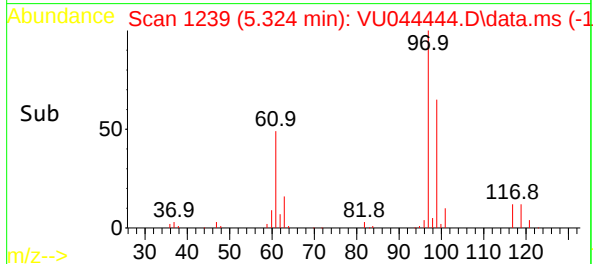
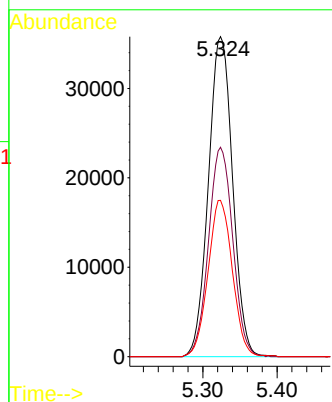
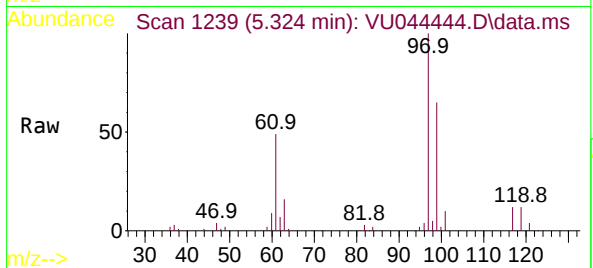


#29

1,1,1-Trichloroethane
Concen: 5.242 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

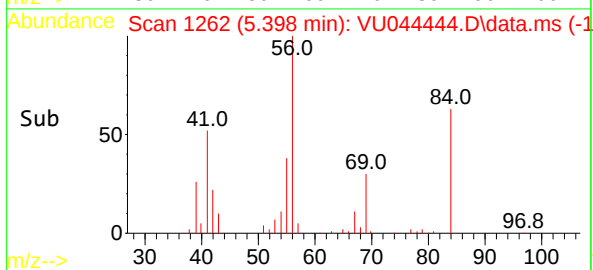
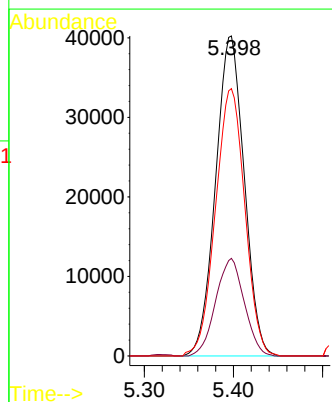
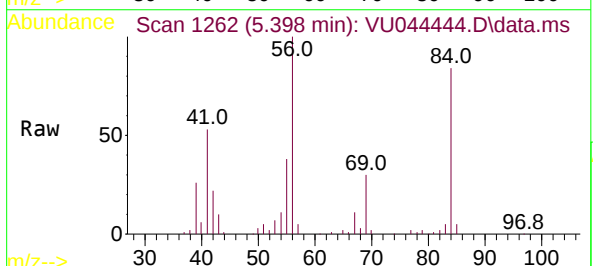
Tgt Ion: 97 Resp: 81183
Ion Ratio Lower Upper
97 100
99 65.6 52.5 78.7
61 49.0 39.2 58.8

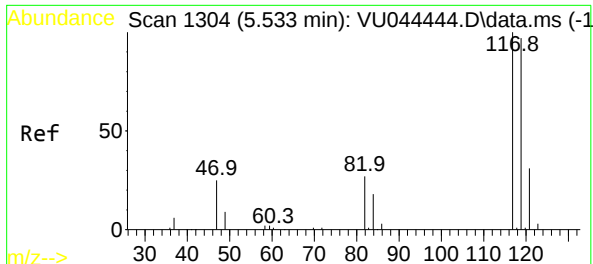


#30

Cyclohexane
Concen: 5.245 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 56 Resp: 89795
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 85.5 68.4 102.6

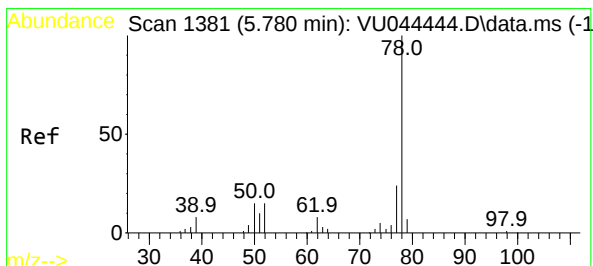
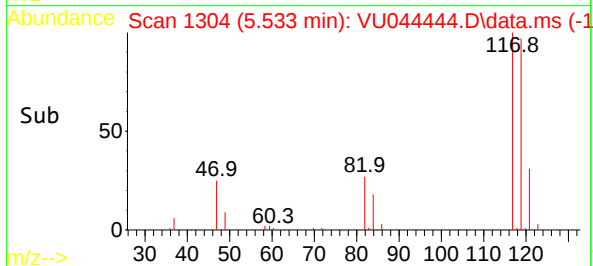
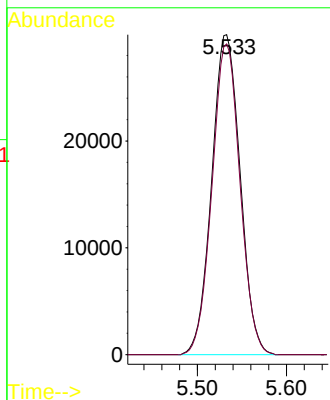
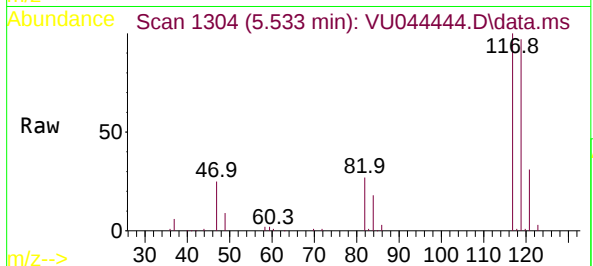




#31
Carbon tetrachloride
Concen: 5.222 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

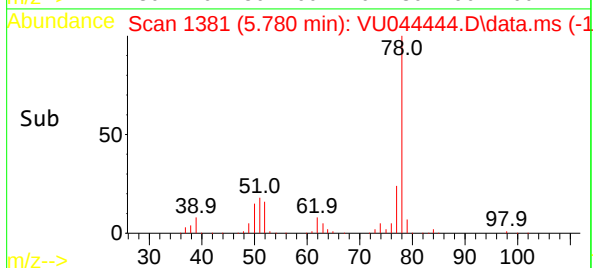
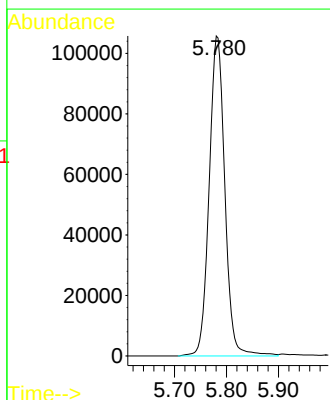
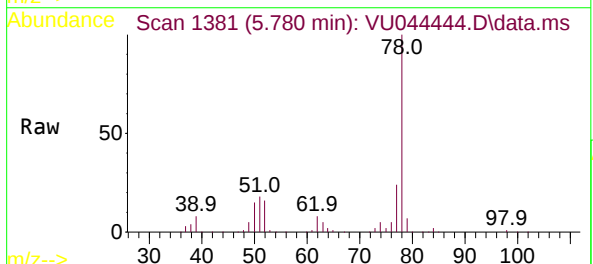
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

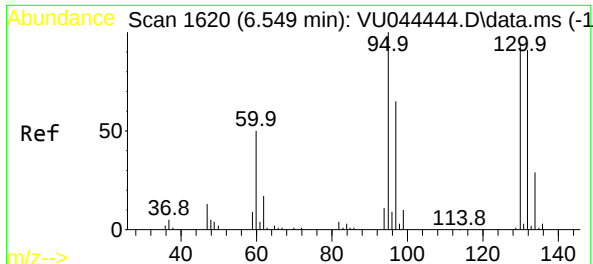
Tgt Ion:117 Resp: 66454
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 5.285 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 78 Resp: 221856



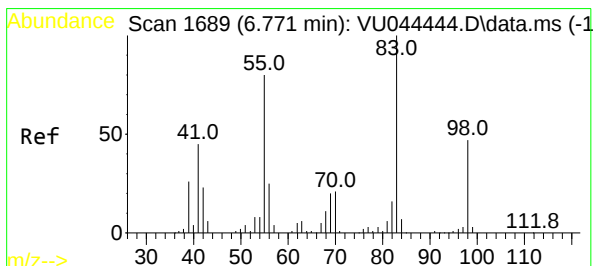
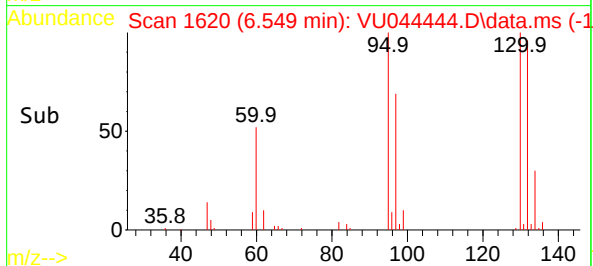
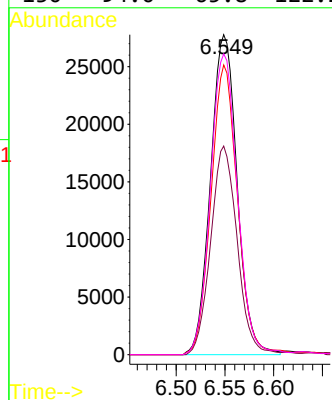
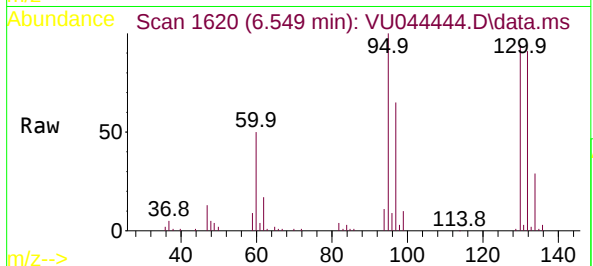


#34
Trichloroethene
Concen: 5.096 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

Tgt Ion: 95 Resp: 52890

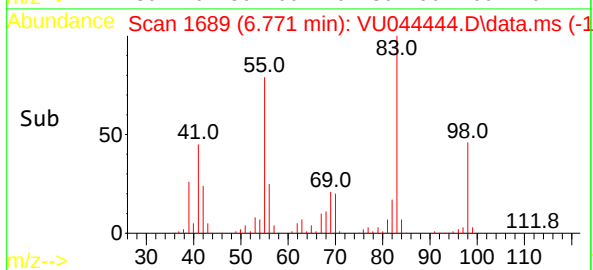
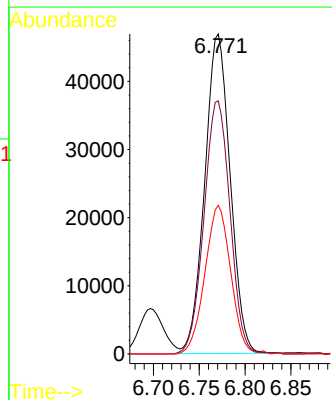
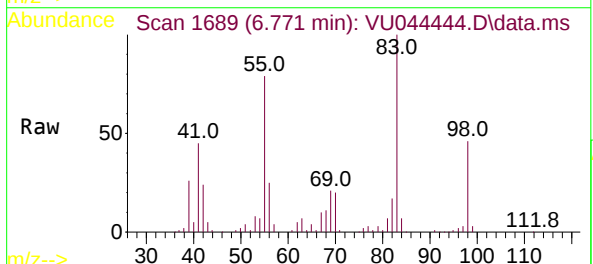
Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.6	84.8
132	90.6	63.4	117.8
130	94.0	65.8	122.2

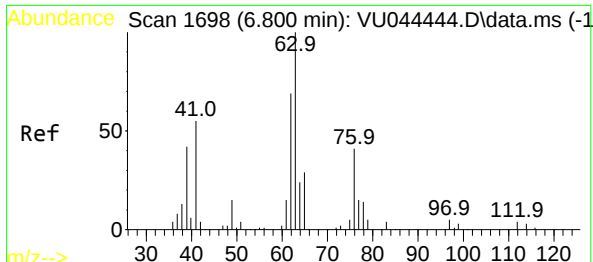


#35
Methylcyclohexane
Concen: 5.235 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 83 Resp: 90619

Ion	Ratio	Lower	Upper
83	100		
55	81.0	64.8	97.2
98	46.9	37.5	56.3



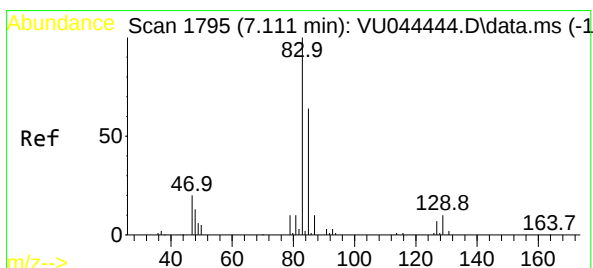
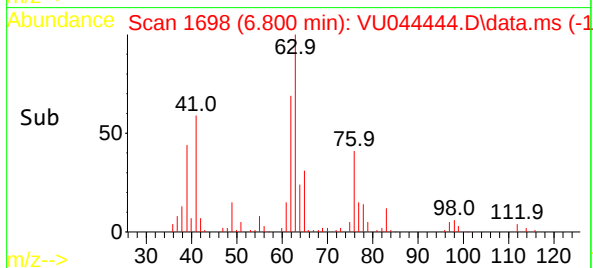
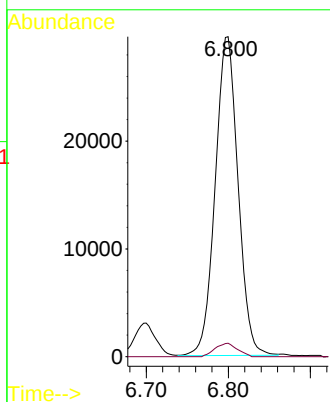
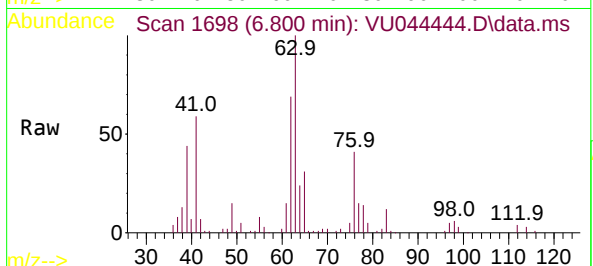


#37

1,2-Dichloropropane
Concen: 5.212 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

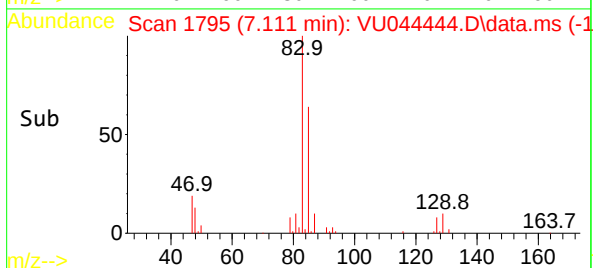
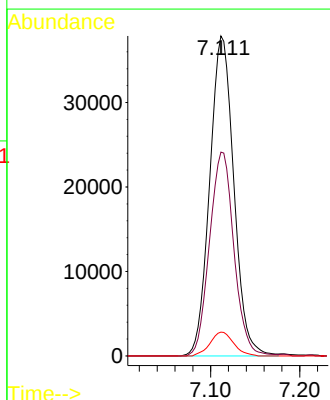
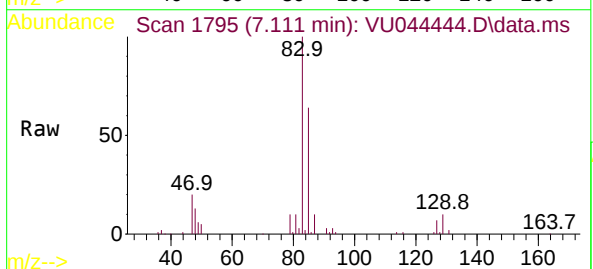
Tgt Ion: 63 Resp: 57294
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9

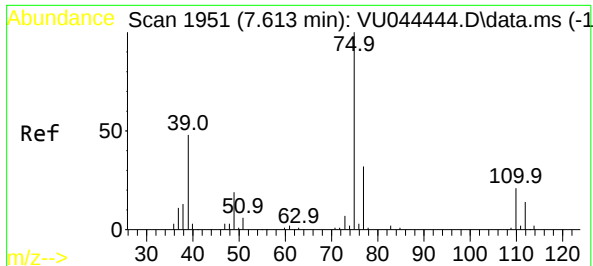


#38

Bromodichloromethane
Concen: 5.272 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 83 Resp: 71164
Ion Ratio Lower Upper
83 100
85 63.7 44.6 82.8
127 7.4 5.9 8.9

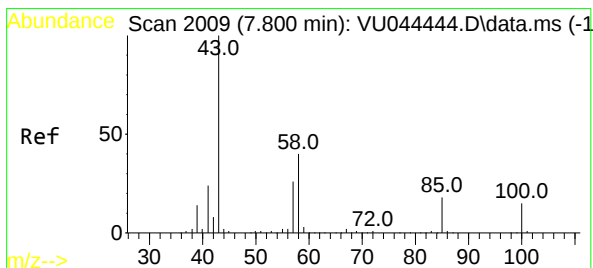
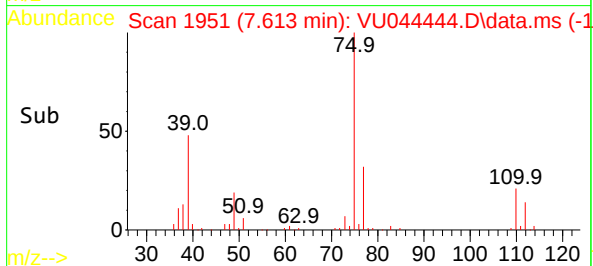
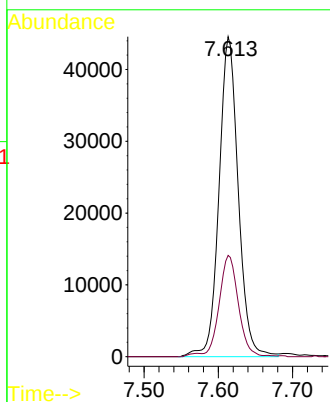
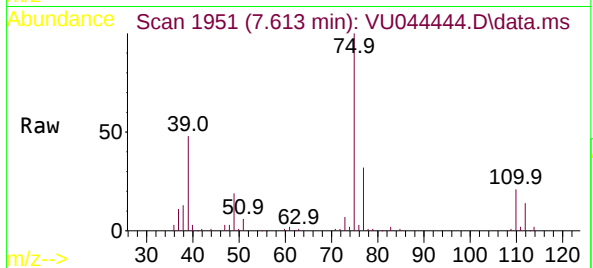




#39
cis-1,3-Dichloropropene
Concen: 5.210 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

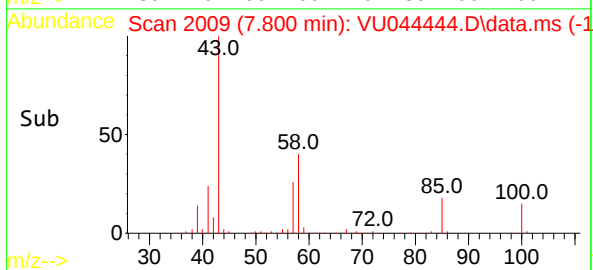
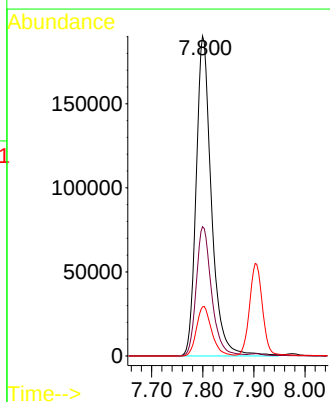
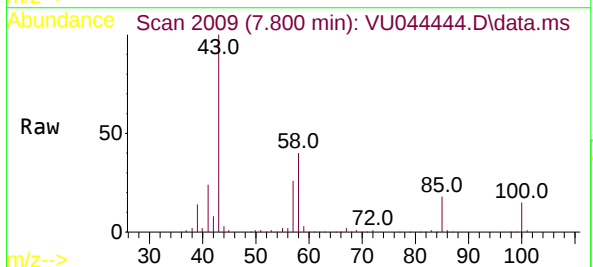
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

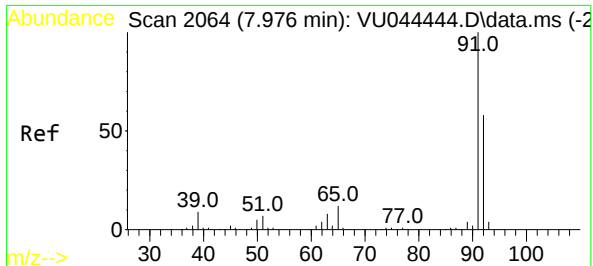
Tgt Ion: 75 Resp: 80316
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2



#40
4-Methyl-2-pentanone
Concen: 53.048 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 43 Resp: 395951
Ion Ratio Lower Upper
43 100
58 40.6 32.5 48.7
100 15.4 12.3 18.5

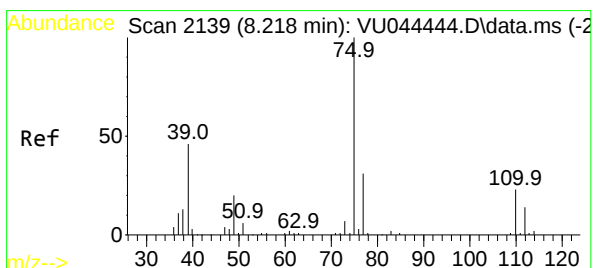
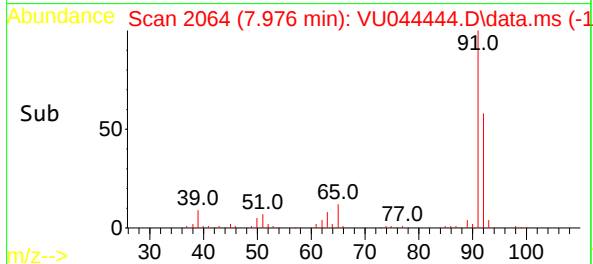
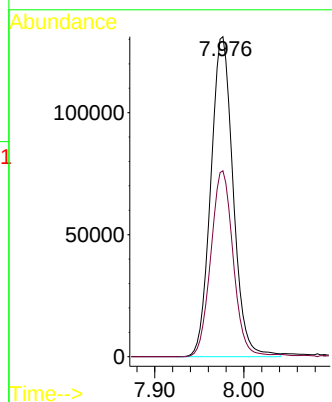
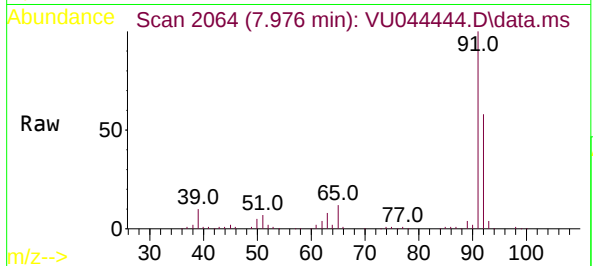




#42
Toluene
Concen: 5.222 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

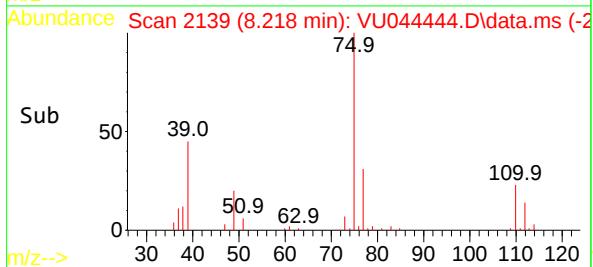
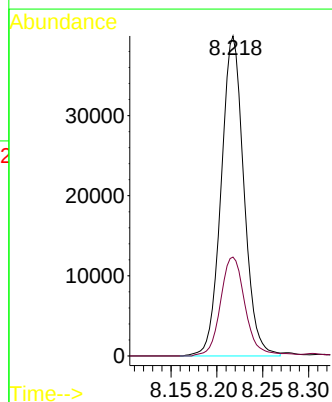
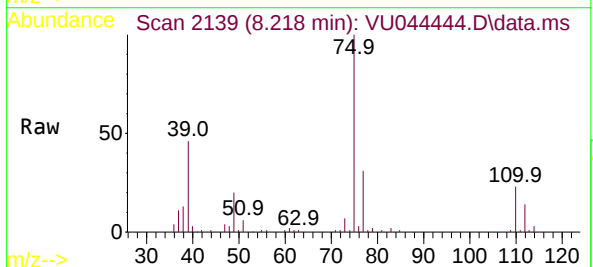
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

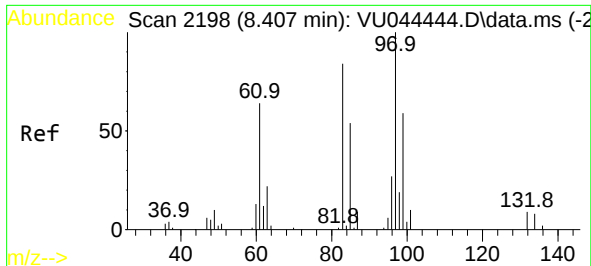
Tgt Ion: 91 Resp: 228355
Ion Ratio Lower Upper
91 100
92 58.1 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 5.269 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 75 Resp: 68847
Ion Ratio Lower Upper
75 100
77 30.9 21.6 40.2



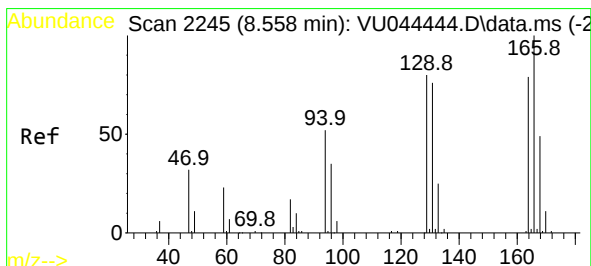
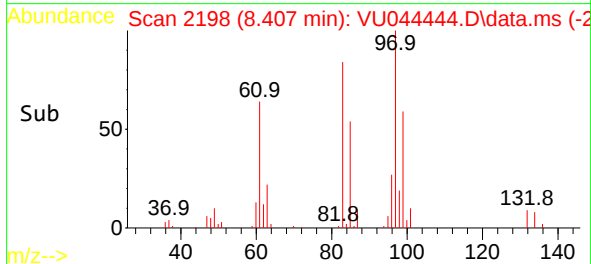
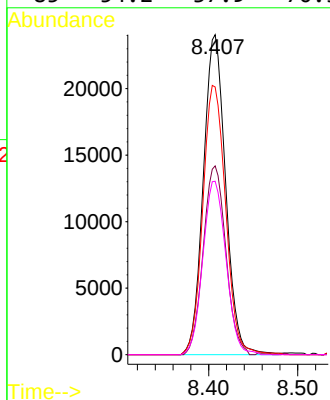
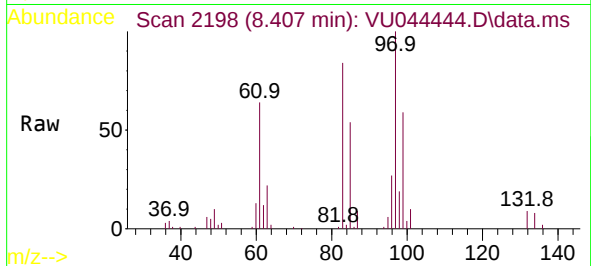


#45
1,1,2-Trichloroethane
Concen: 5.325 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

Tgt Ion: 97 Resp: 41745

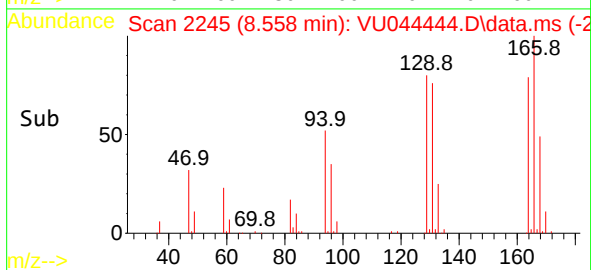
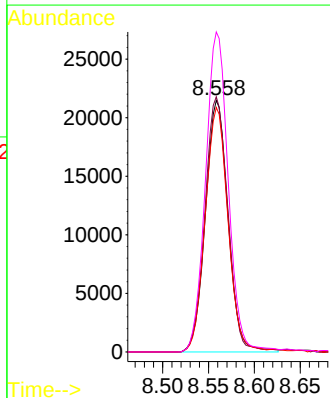
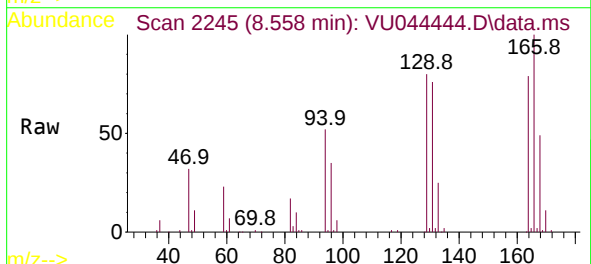
Ion	Ratio	Lower	Upper
97	100		
99	59.0	41.3	76.7
83	83.7	58.6	108.8
85	54.2	37.9	70.5

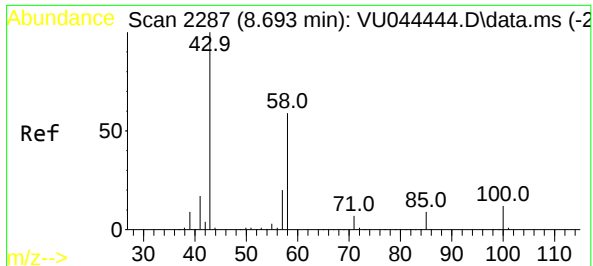


#47
Tetrachloroethene
Concen: 5.141 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 164 Resp: 36895

Ion	Ratio	Lower	Upper
164	100		
129	101.4	71.0	131.8
131	97.2	68.0	126.4
166	127.2	89.0	165.4



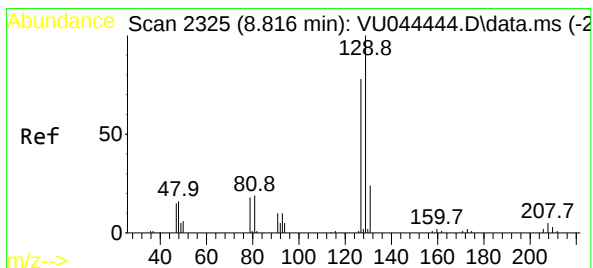
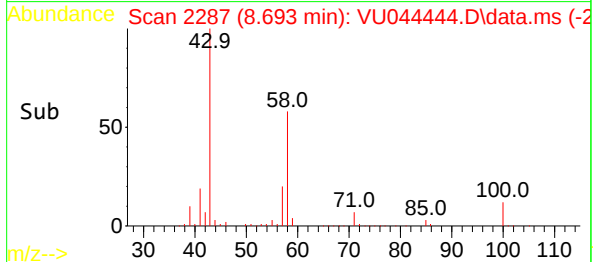
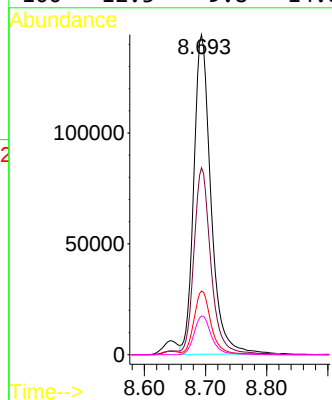
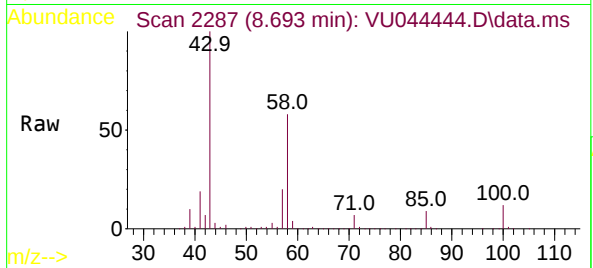


#48
2-Hexanone
Concen: 52.751 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

Tgt Ion: 43 Resp: 280946

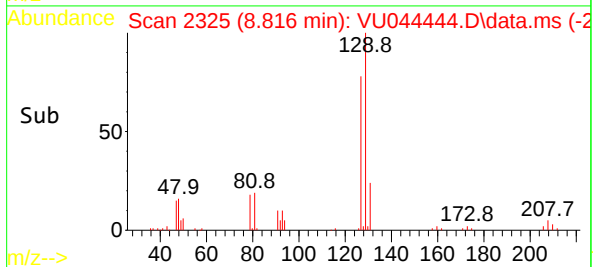
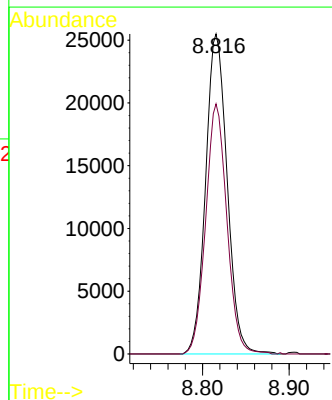
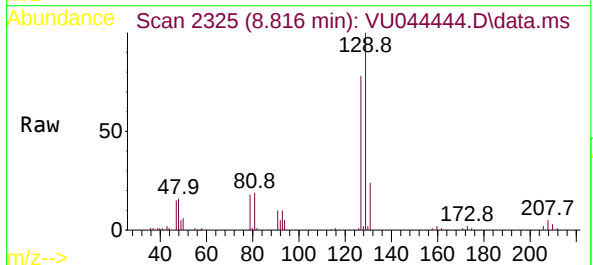
Ion	Ratio	Lower	Upper
43	100		
58	58.1	46.5	69.7
57	19.8	15.8	23.8
100	12.3	9.8	14.8

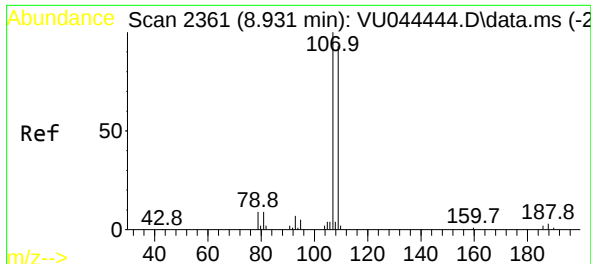


#49
Dibromochloromethane
Concen: 5.314 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 129 Resp: 44086

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.7	101.7

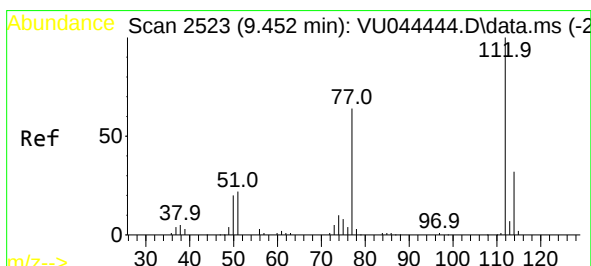
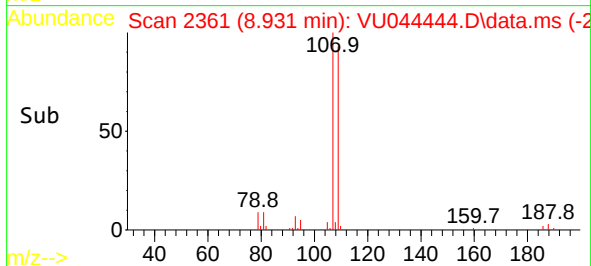
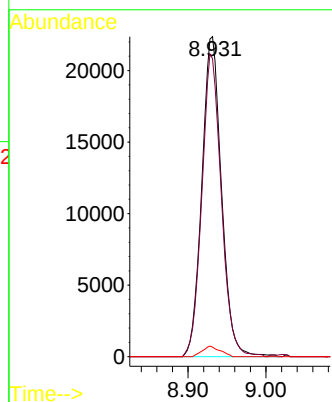
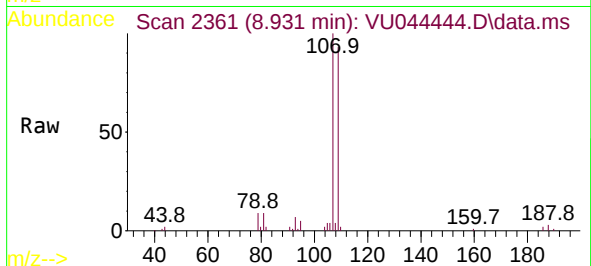




#50
1,2-Dibromoethane
Concen: 5.222 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

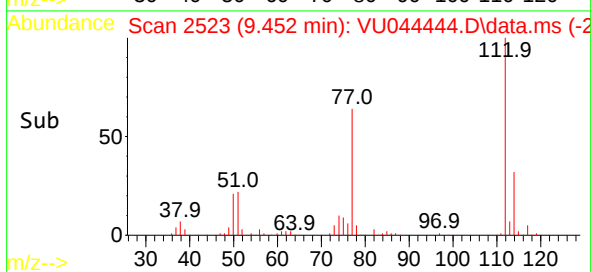
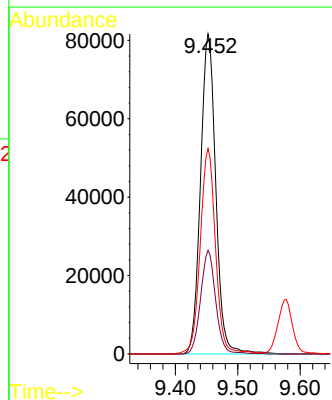
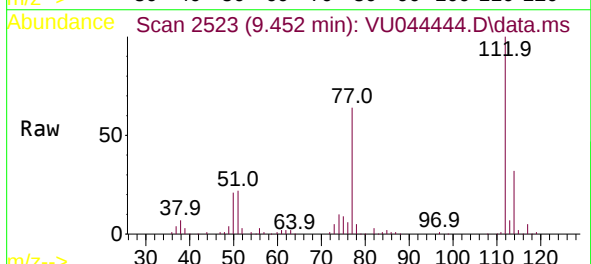
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

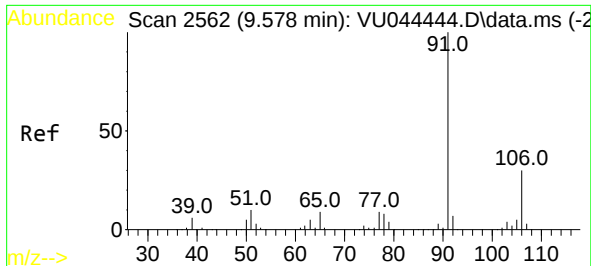
Tgt Ion:	107	Resp:	39153
Ion	Ratio	Lower	Upper
107	100		
109	93.1	65.2	121.0
188	3.0	2.4	3.6



#51
Chlorobenzene
Concen: 5.185 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:	112	Resp:	139142
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.7	42.1
77	64.1	51.3	76.9

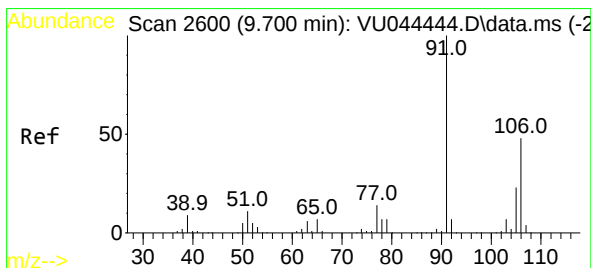
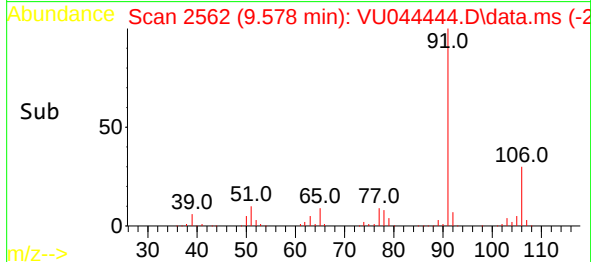
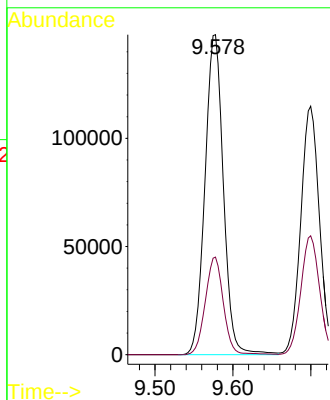
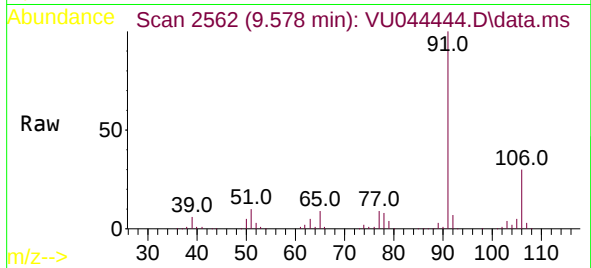




#52
Ethylbenzene
Concen: 5.259 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

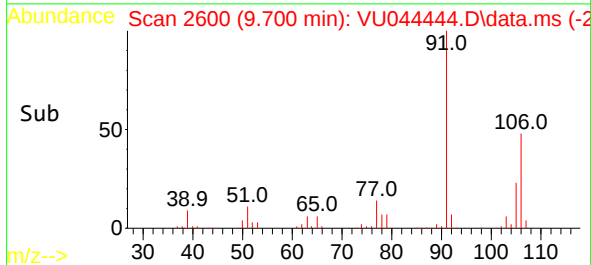
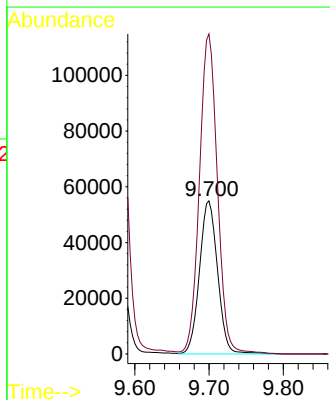
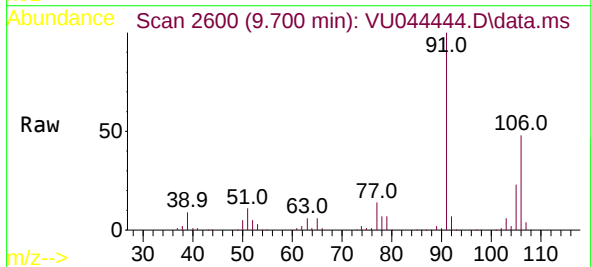
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

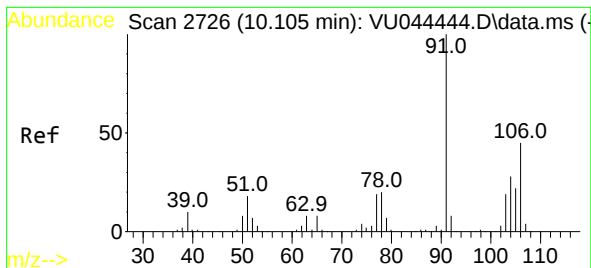
Tgt Ion: 91 Resp: 242915
Ion Ratio Lower Upper
91 100
106 30.5 21.3 39.6



#53
m,p-Xylene
Concen: 5.351 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion: 106 Resp: 92931
Ion Ratio Lower Upper
106 100
91 208.9 146.2 271.6

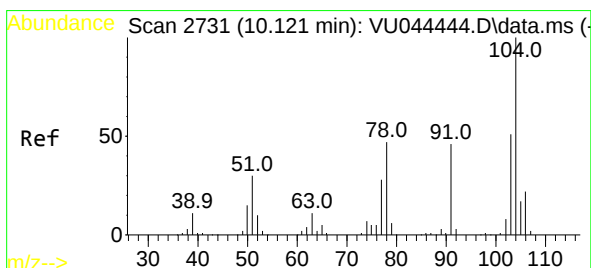
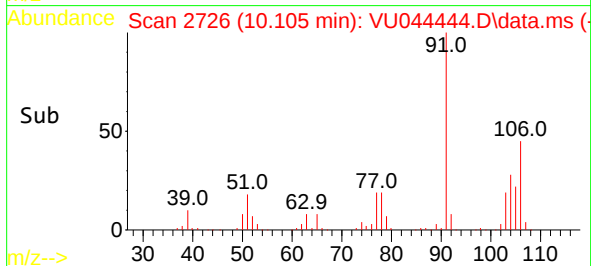
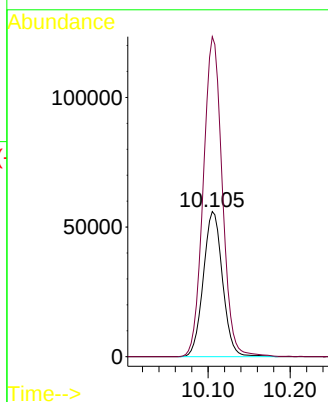
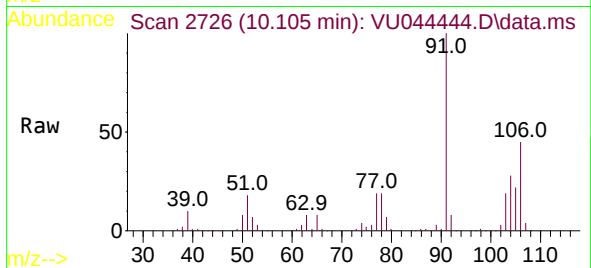




#54
o-Xylene
Concen: 5.394 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

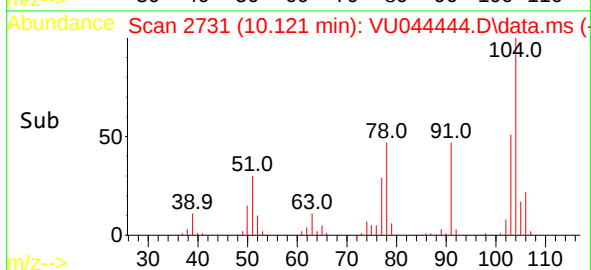
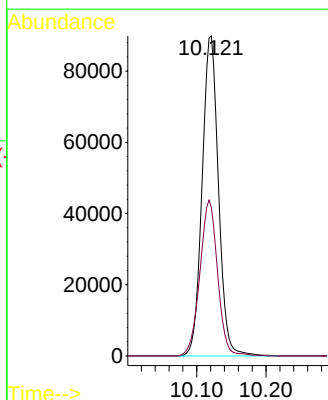
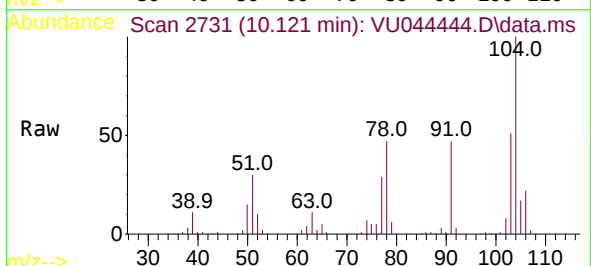
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

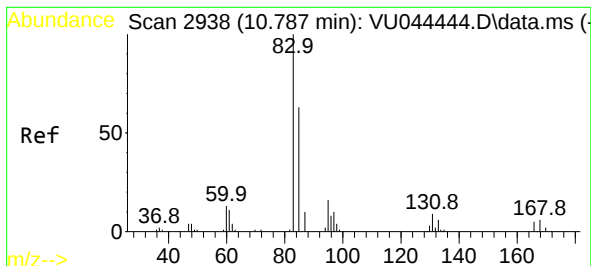
Tgt Ion:106 Resp: 91242
Ion Ratio Lower Upper
106 100
91 220.6 154.4 286.8



#55
Styrene
Concen: 5.310 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:104 Resp: 147274
Ion Ratio Lower Upper
104 100
78 46.5 32.6 60.5

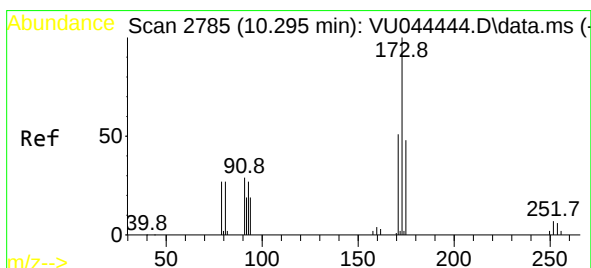
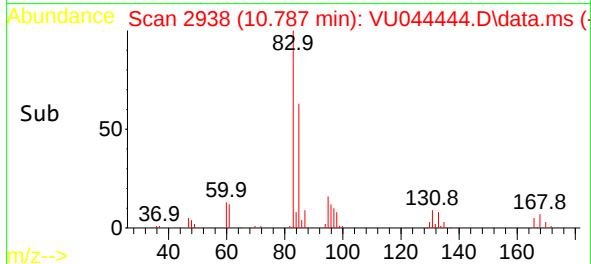
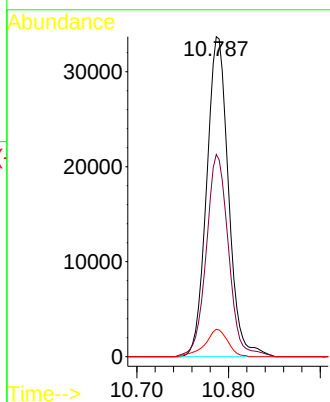
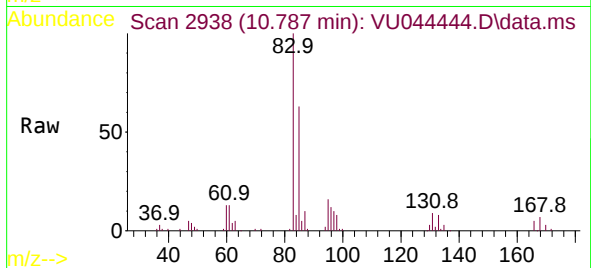




#57
1,1,2,2-Tetrachloroethane
Concen: 5.390 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

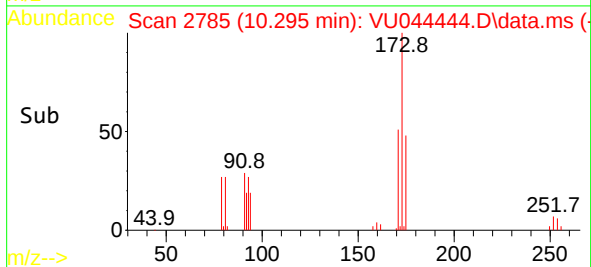
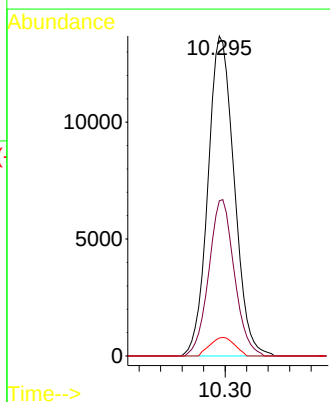
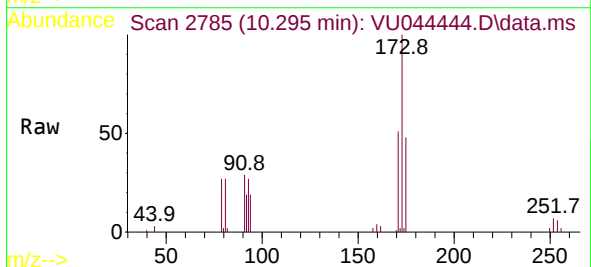
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

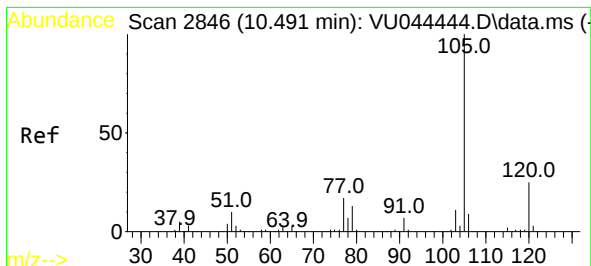
Tgt Ion:	83	Resp:	55629
Ion	Ratio	Lower	Upper
83	100		
85	63.2	44.2	82.2
131	8.6	6.9	10.3



#59
Bromoform
Concen: 5.300 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:	173	Resp:	23176
Ion	Ratio	Lower	Upper
173	100		
175	47.5	38.0	57.0
254	5.4	4.3	6.5





#60

Isopropylbenzene

Concen: 5.259 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU044444.D

Acq: 18 Aug 2021 12:19

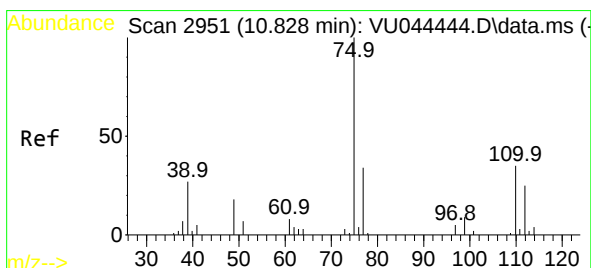
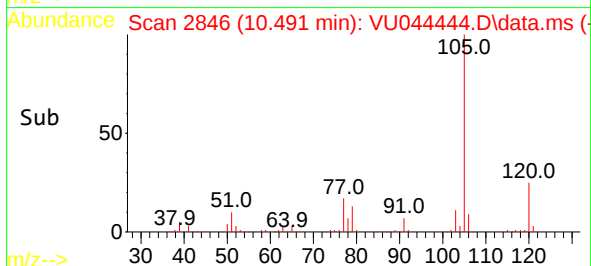
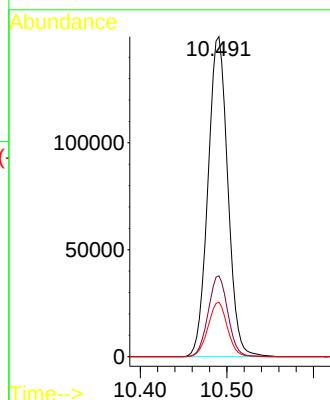
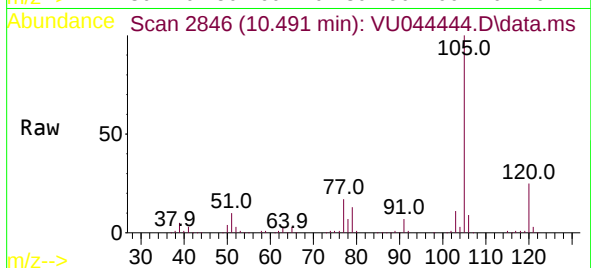
Tgt Ion:105 Resp: 237539

Ion Ratio Lower Upper

105 100

120 25.1 20.1 30.1

77 16.7 13.4 20.0



#61

1,2,3-Trichloropropane

Concen: 5.112 ug/L

RT: 10.828 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU044444.D

Acq: 18 Aug 2021 12:19

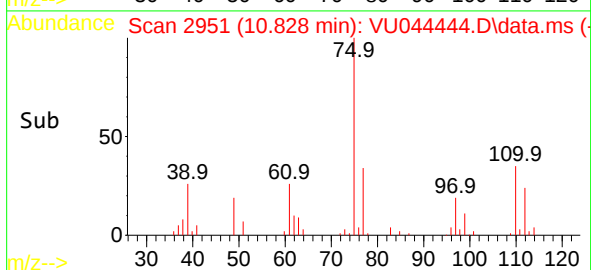
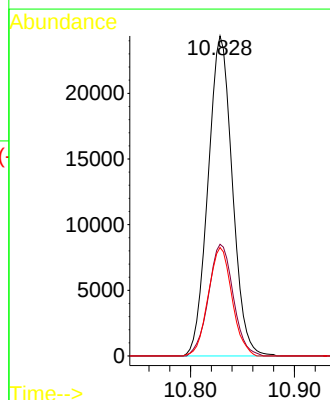
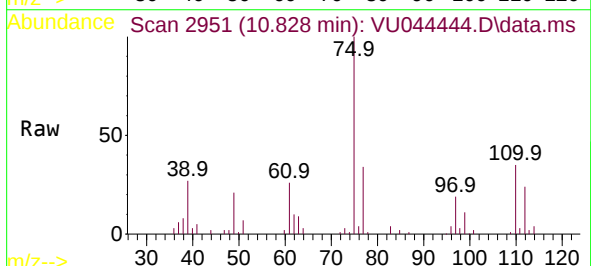
Tgt Ion: 75 Resp: 39536

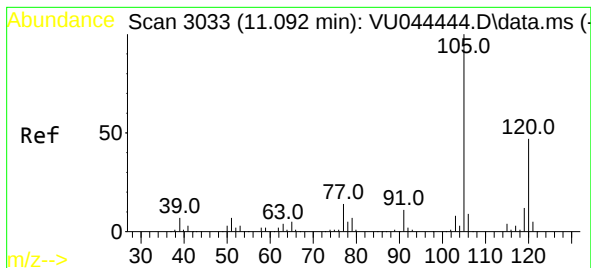
Ion Ratio Lower Upper

75 100

110 35.5 28.4 42.6

77 33.1 26.5 39.7

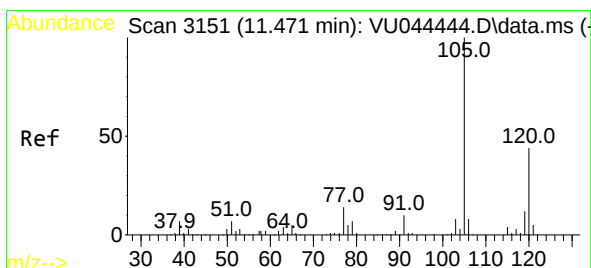
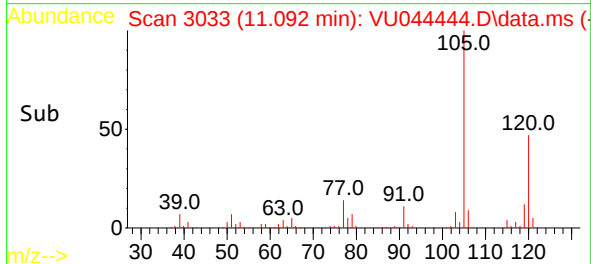
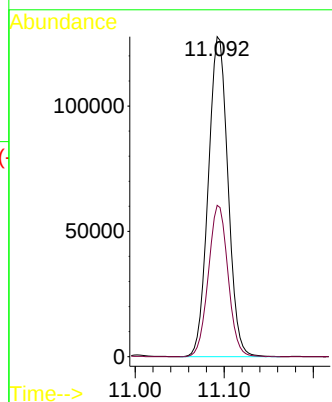
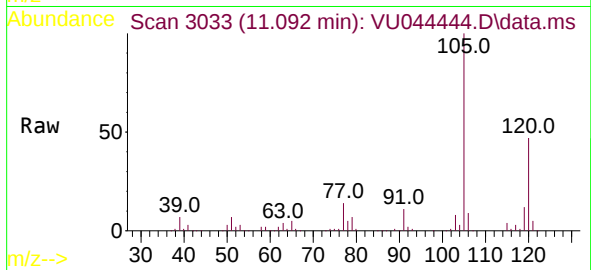




#62
1,3,5-Trimethylbenzene
Concen: 5.297 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

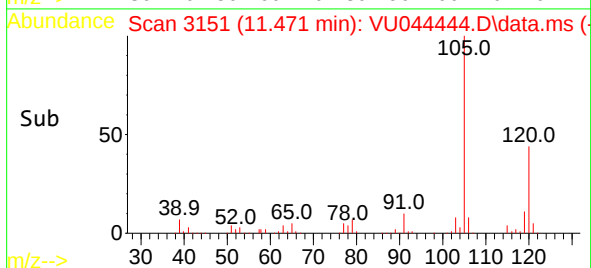
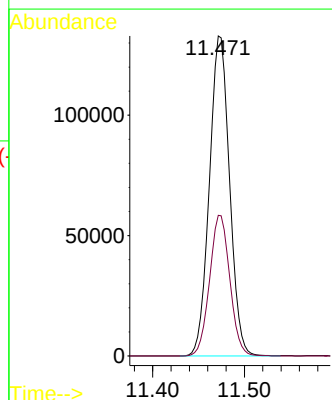
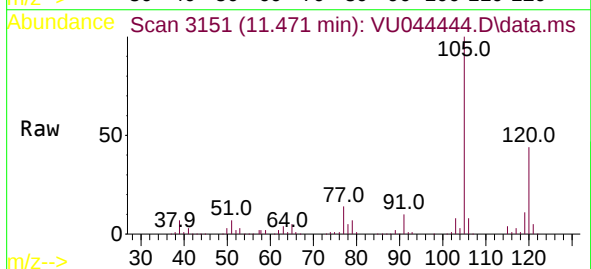
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

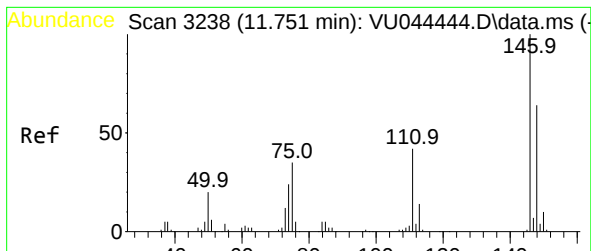
Tgt Ion:105 Resp: 195639
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 5.362 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:105 Resp: 203100
Ion Ratio Lower Upper
105 100
120 44.0 35.2 52.8

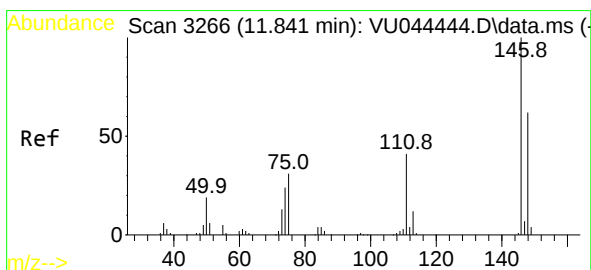
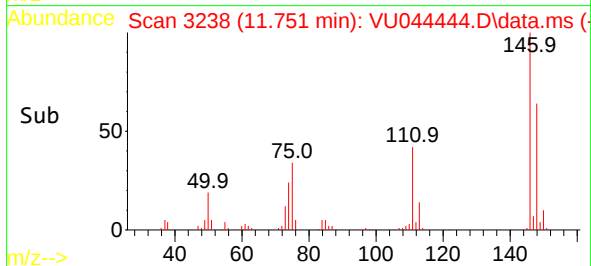
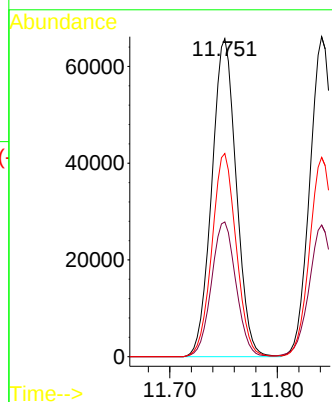
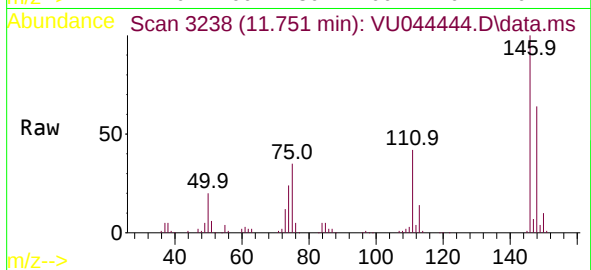




#64
1,3-Dichlorobenzene
Concen: 5.245 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

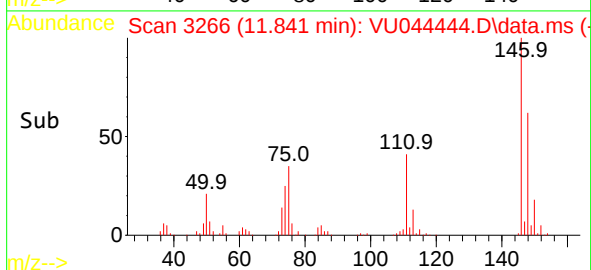
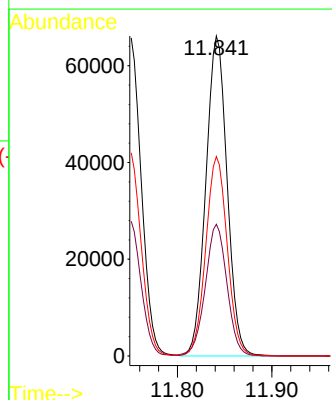
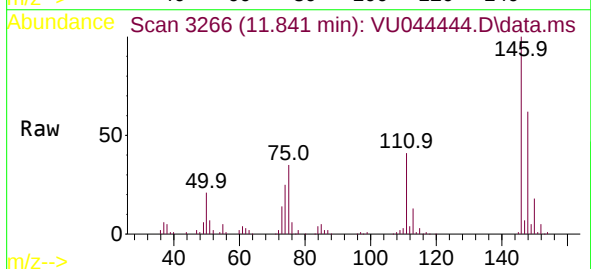
Instrument :
MSVOA_U
ClientSampled :
VSTD005017

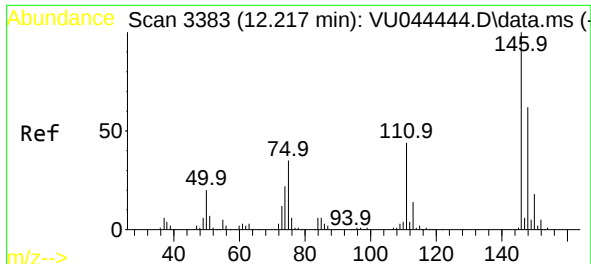
Tgt Ion:146 Resp: 104041
Ion Ratio Lower Upper
146 100
111 42.3 29.6 55.0
148 63.9 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 5.157 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:146 Resp: 103330
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 62.3 43.6 81.0

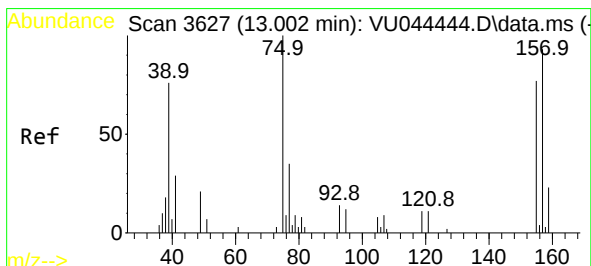
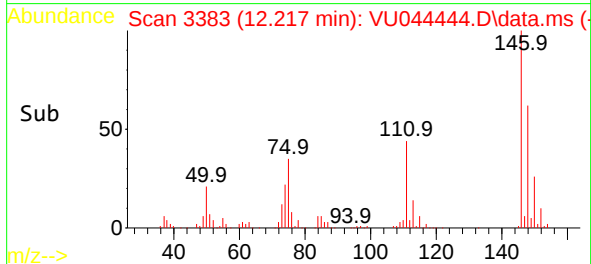
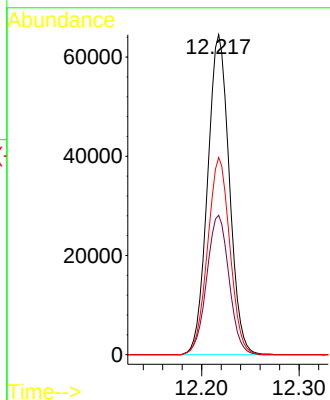
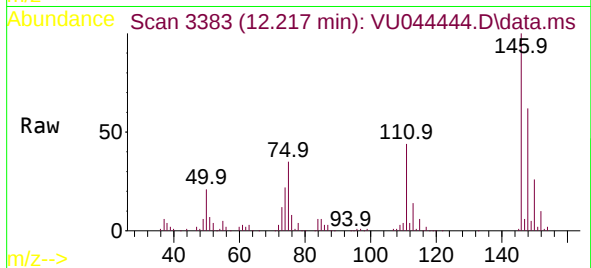




#67
1,2-Dichlorobenzene
Concen: 5.287 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

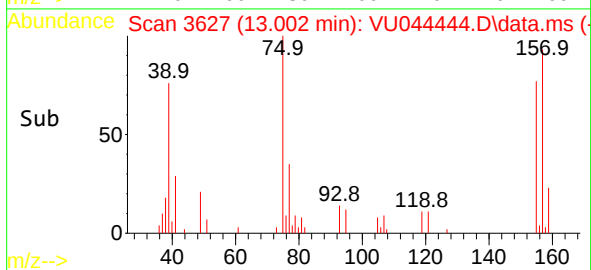
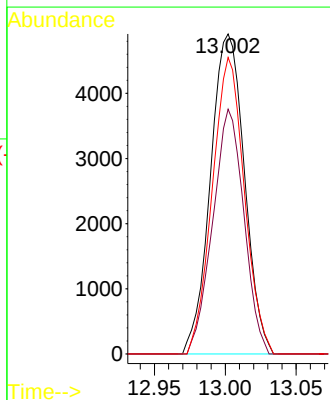
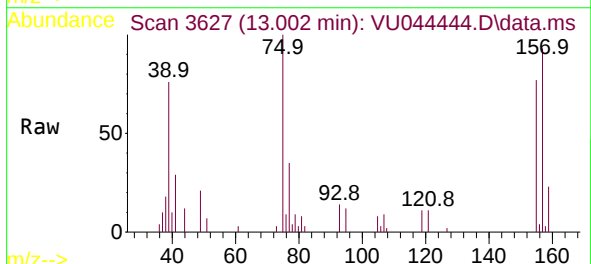
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

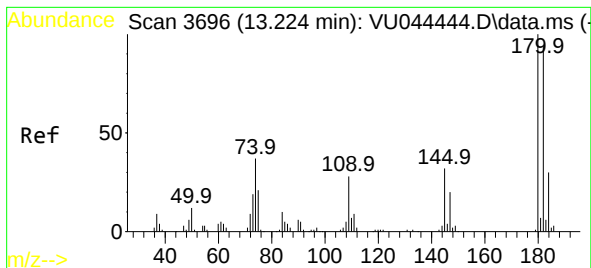
Tgt Ion:	146	Resp:	99938
Ion	Ratio	Lower	Upper
146	100		
111	43.6	34.9	52.3
148	61.6	49.3	73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.174 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:	75	Resp:	8186
Ion	Ratio	Lower	Upper
75	100		
155	76.5	61.2	91.8
157	92.7	74.2	111.2

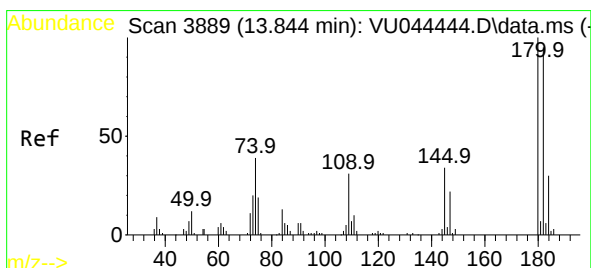
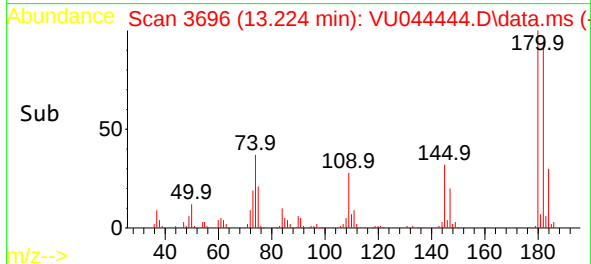
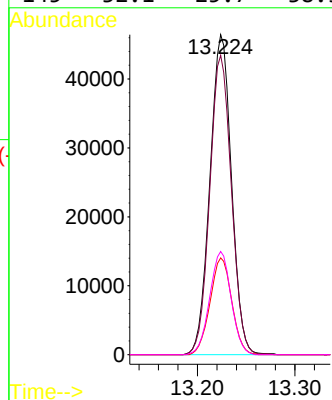
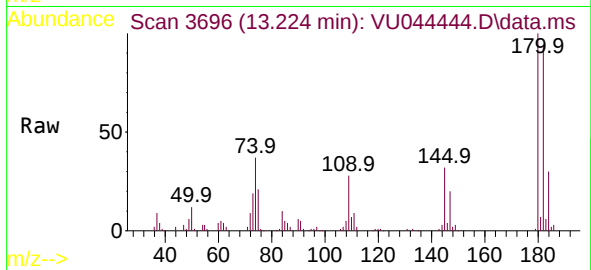




#69
1,3,5-Trichlorobenzene
Concen: 5.112 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

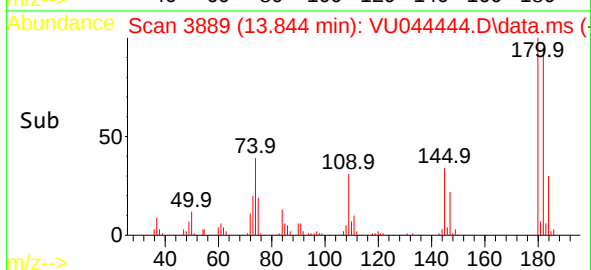
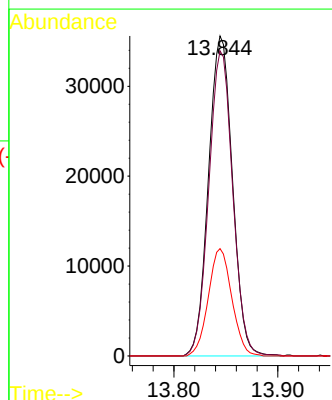
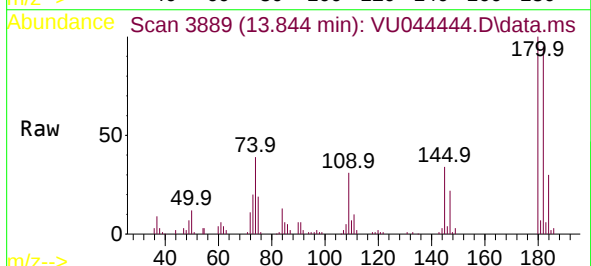
Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

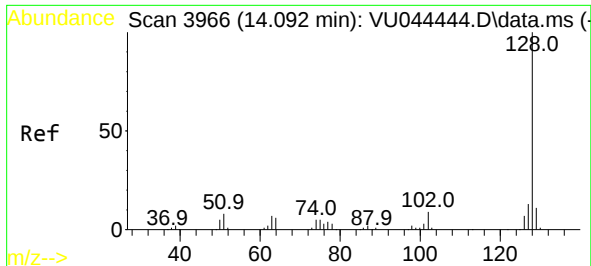
Tgt Ion:180 Resp: 71381
Ion Ratio Lower Upper
180 100
182 93.8 75.0 112.6
184 30.4 24.3 36.5
145 32.1 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 5.206 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:180 Resp: 56980
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 32.9 26.3 39.5

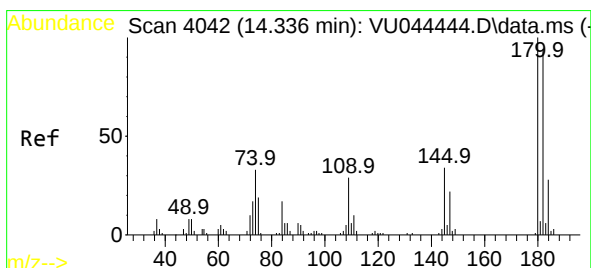
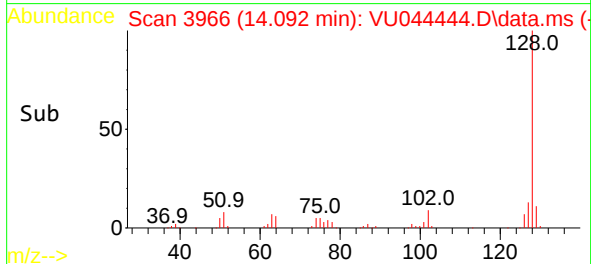
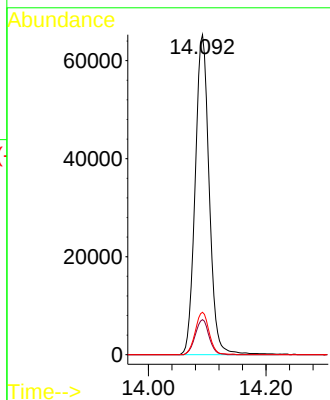
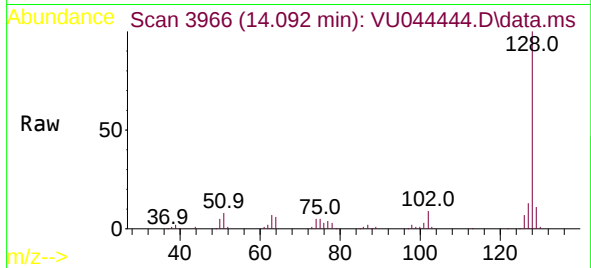




#71
Naphthalene
Concen: 5.184 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Instrument :
MSVOA_U
ClientSampleId :
VSTD005017

Tgt Ion:128 Resp: 108175
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 5.301 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044444.D
Acq: 18 Aug 2021 12:19

Tgt Ion:180 Resp: 53123
Ion Ratio Lower Upper
180 100
182 95.5 76.4 114.6
145 33.9 27.1 40.7

