

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081821\
 Data File : VU044445.D
 Acq On : 18 Aug 2021 12:45
 Operator : SY/MD
 Sample : VSTD01018
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010018

Quant Time: Aug 19 03:41:54 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	124328	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	124447	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	64299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	98596	9.805	ug/L	0.00
7) Chloroethane-d5	1.916	69	85327	9.764	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	65	43384	10.143	ug/L	0.00
20) 2-Butanone-d5	4.639	46	290999	104.642	ug/L	0.00
24) Chloroform-d	5.073	84	171687	9.656	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.710	65	95679	9.868	ug/L	0.00
32) Benzene-d6	5.735	84	361003	10.302	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	113788	10.150	ug/L	0.00
41) Toluene-d8	7.903	98	325367	10.471	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.185	79	42825	10.637	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	245826	112.908	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	96956	10.269	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	110624	10.183	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	133442	10.437	ug/L	99
3) Chloromethane	1.520	50	156318	9.332	ug/L	99
5) Vinyl chloride	1.607	62	161628	10.438	ug/L	99
6) Bromomethane	1.861	94	89336	10.614	ug/L	99
8) Chloroethane	1.938	64	96818	10.228	ug/L	97
9) Trichlorofluoromethane	2.141	101	185101	10.455	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	104221	10.698	ug/L	99
12) 1,1-Dichloroethene	2.584	96	101331	10.605	ug/L	99
13) Acetone	2.646	43	122195	73.419	ug/L	75
14) Carbon disulfide	2.800	76	328595	10.602	ug/L	100
15) Methyl Acetate	2.961	43	34584	9.170	ug/L	91
16) Methylene chloride	3.051	84	113723	8.011	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	264361	10.698	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	107546	10.803	ug/L	98
19) 1,1-Dichloroethane	3.877	63	202944	10.516	ug/L	98
21) 2-Butanone	4.719	43	244708	74.366	ug/L	100
22) cis-1,2-Dichloroethene	4.674	96	112937	10.610	ug/L	96
23) Bromochloromethane	4.983	128	49059	10.455	ug/L	99
25) Chloroform	5.096	83	210761	10.644	ug/L	100
27) 1,2-Dichloroethane	5.803	62	138520	10.488	ug/L	99
29) 1,1,1-Trichloroethane	5.324	97	169122	10.858	ug/L	99
30) Cyclohexane	5.395	56	190281	11.051	ug/L	99
31) Carbon tetrachloride	5.533	117	138068	10.788	ug/L	99
33) Benzene	5.780	78	456803	10.819	ug/L	100
34) Trichloroethene	6.549	95	113562	10.879	ug/L	98
35) Methylcyclohexane	6.771	83	194187	11.154	ug/L	100
37) 1,2-Dichloropropane	6.800	63	120534	10.902	ug/L	100
38) Bromodichloromethane	7.112	83	146264	10.775	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	175690	11.331	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	850689	113.323	ug/L	99
42) Toluene	7.976	91	485889	11.048	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	148426	11.294	ug/L	97

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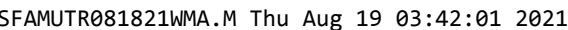
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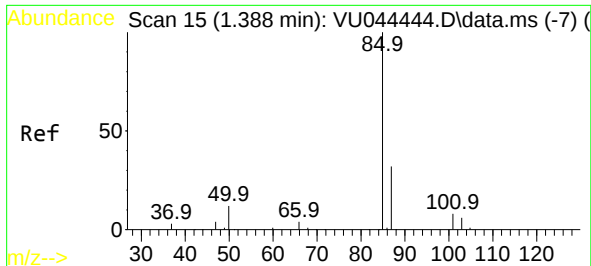
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	86682	10.995	ug/L	95
47) Tetrachloroethene	8.558	164	78950	10.938	ug/L	98
48) 2-Hexanone	8.694	43	614558	114.733	ug/L	99
49) Dibromochloromethane	8.816	129	93964	11.262	ug/L	99
50) 1,2-Dibromoethane	8.931	107	81089	10.753	ug/L	99
51) Chlorobenzene	9.452	112	290857	10.776	ug/L	99
52) Ethylbenzene	9.578	91	521784	11.231	ug/L	99
53) m,p-Xylene	9.700	106	200991	11.507	ug/L	99
54) o-Xylene	10.105	106	195217	11.474	ug/L	99
55) Styrene	10.118	104	340823	12.218	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	114301	11.011	ug/L	100
59) Bromoform	10.298	173	48681	10.716	ug/L	98
60) Isopropylbenzene	10.491	105	515017	10.975	ug/L	100
61) 1,2,3-Trichloropropane	10.828	75	83391	10.379	ug/L	98
62) 1,3,5-Trimethylbenzene	11.092	105	434158	11.315	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	450277	11.444	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	221226	10.736	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	220172	10.577	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	210221	10.705	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	17995	10.949	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	160227	11.045	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	132240	11.630	ug/L	99
71) Naphthalene	14.092	128	269745	12.443	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	122506	11.767	ug/L	100

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

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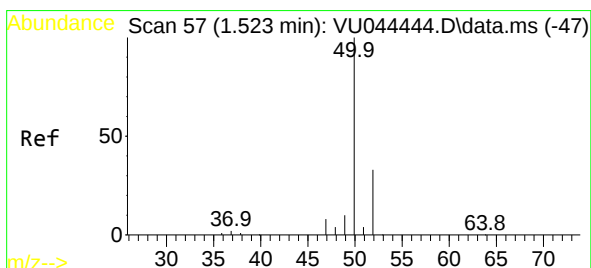
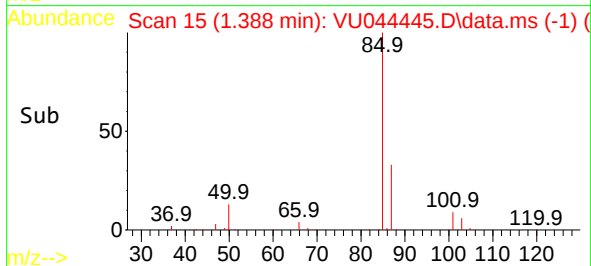
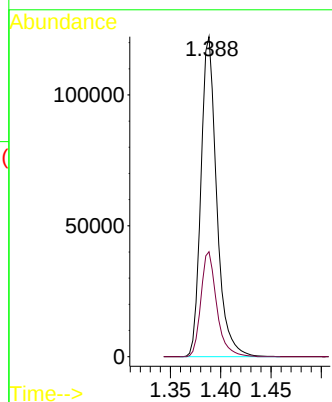
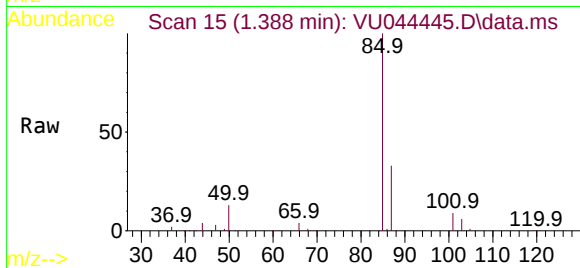




#2
Dichlorodifluoromethane
Concen: 10.437 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

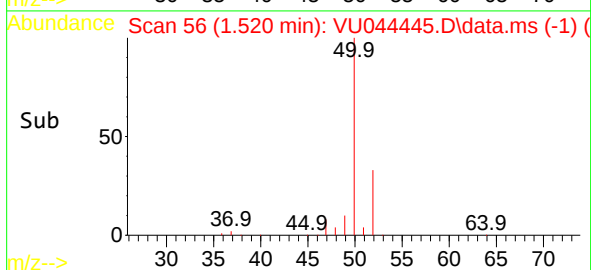
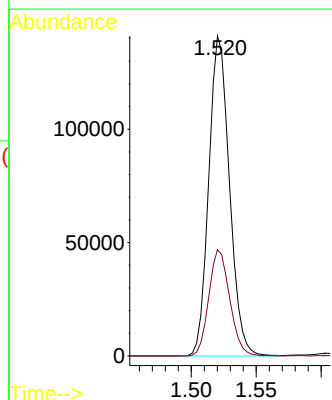
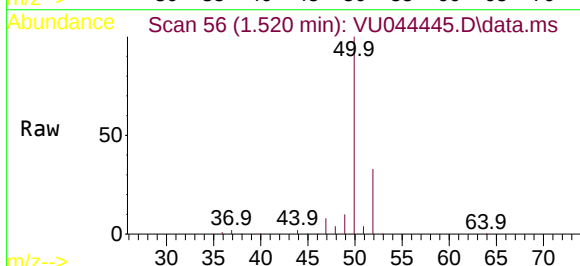
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

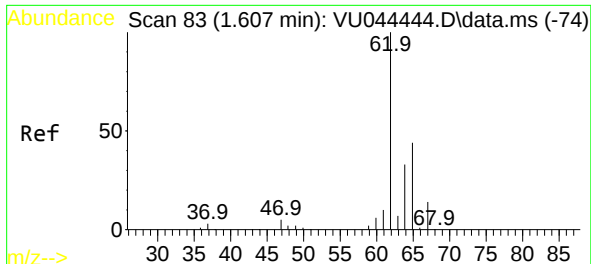
Tgt Ion: 85 Resp: 133442
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5



#3
Chloromethane
Concen: 9.332 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 50 Resp: 156318
Ion Ratio Lower Upper
50 100
52 33.2 22.8 42.4

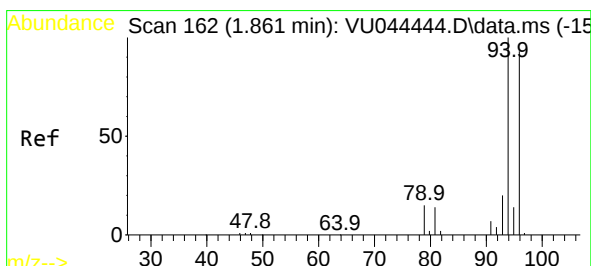
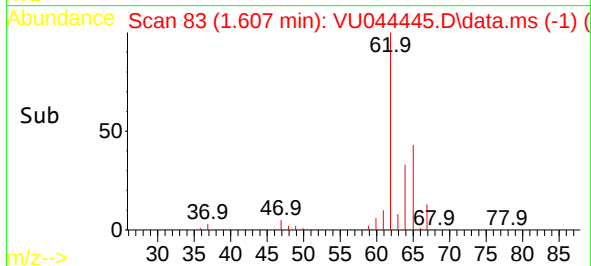
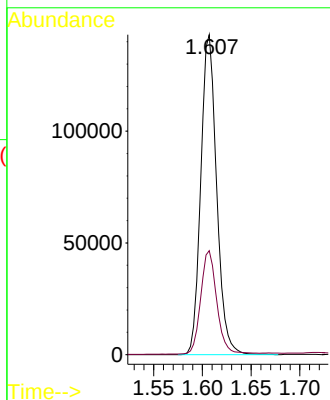
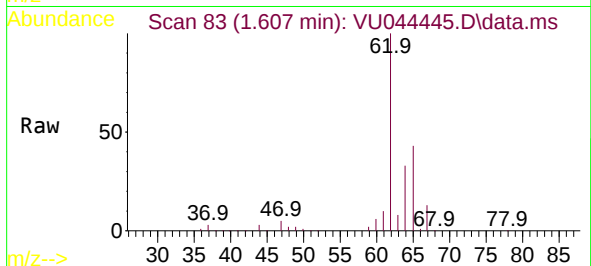




#5
 Vinyl chloride
 Concen: 10.438 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU044445.D
 Acq: 18 Aug 2021 12:45

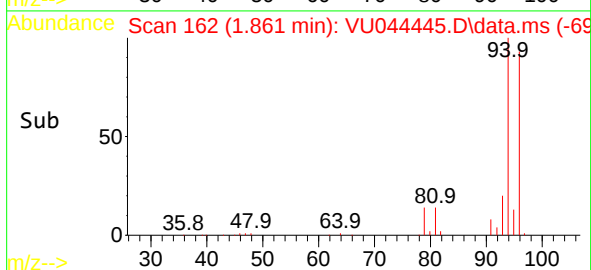
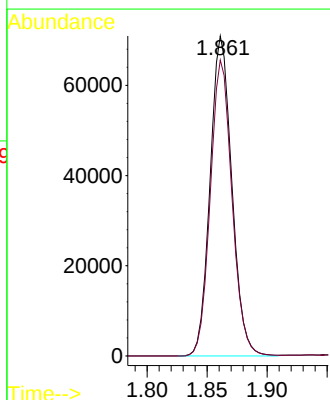
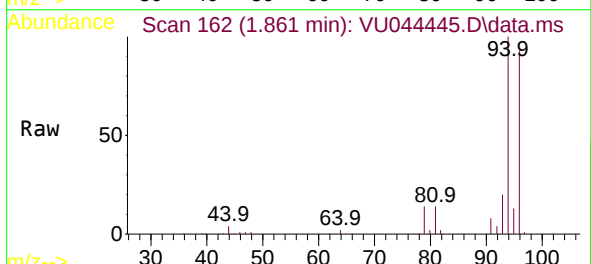
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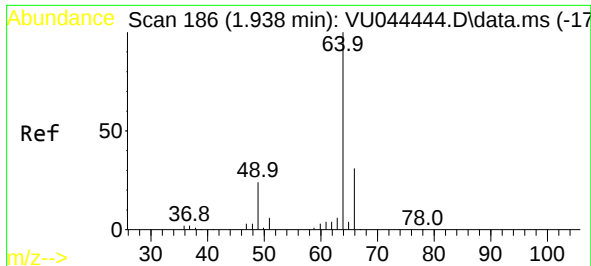
Tgt Ion: 62 Resp: 161628
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.2 43.0



#6
 Bromomethane
 Concen: 10.614 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU044445.D
 Acq: 18 Aug 2021 12:45

Tgt Ion: 94 Resp: 89336
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.2 121.2

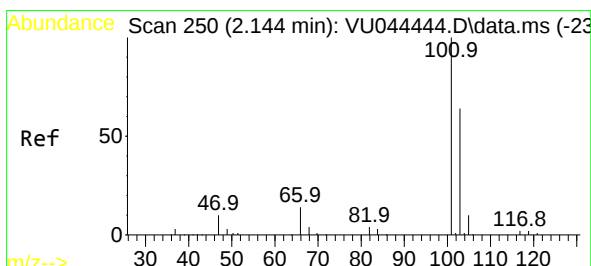
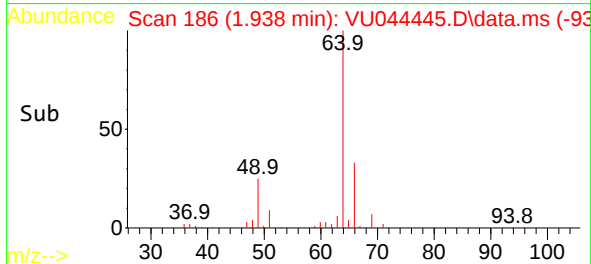
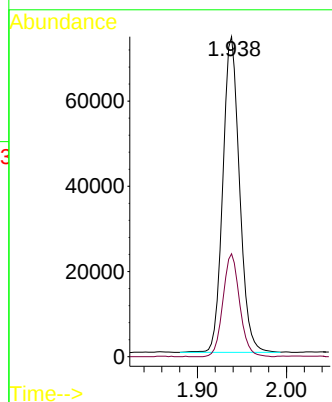
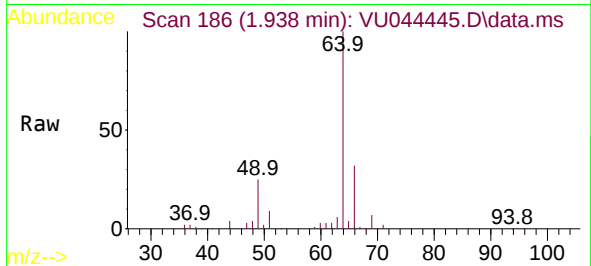




#8
Chloroethane
Concen: 10.228 ug/L
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

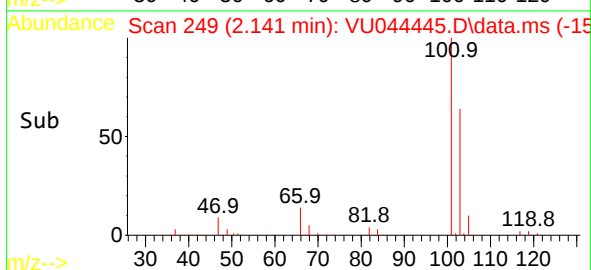
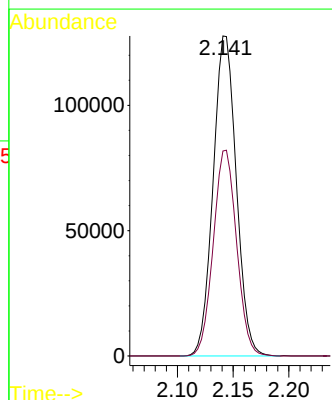
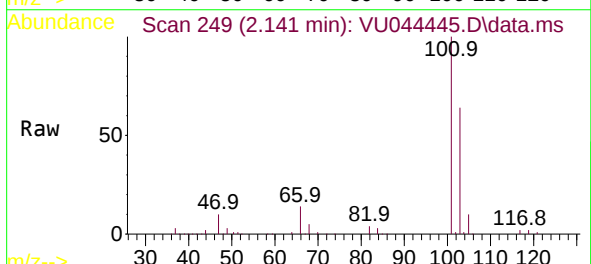
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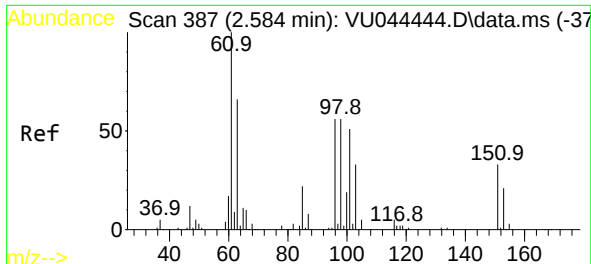
Tgt Ion: 64 Resp: 96818
Ion Ratio Lower Upper
64 100
66 32.1 21.3 39.5



#9
Trichlorofluoromethane
Concen: 10.455 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 101 Resp: 185101
Ion Ratio Lower Upper
101 100
103 64.7 51.6 77.4

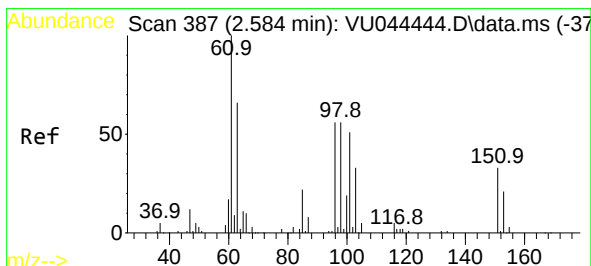
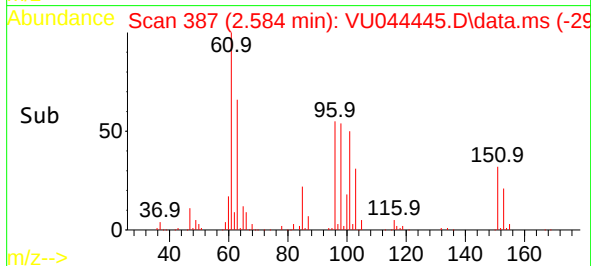
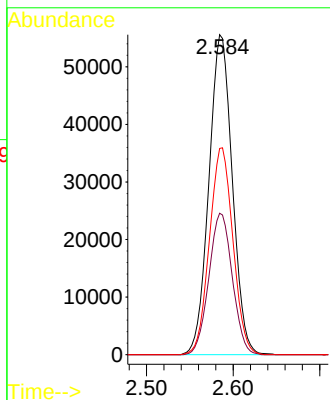
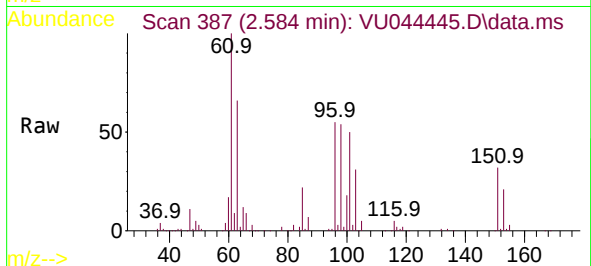




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 10.698 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

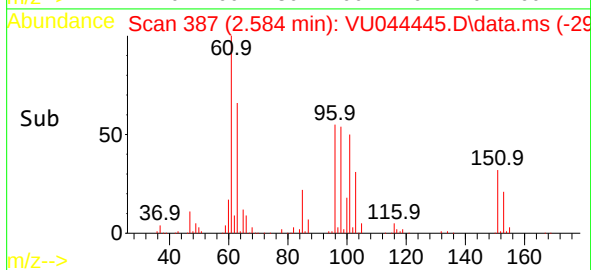
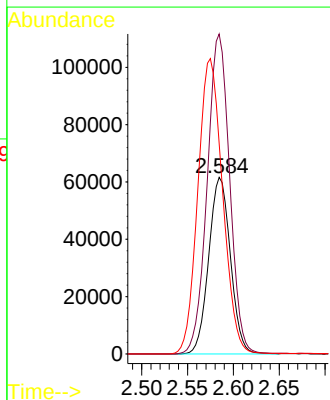
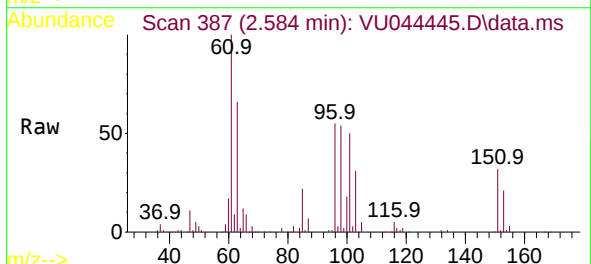
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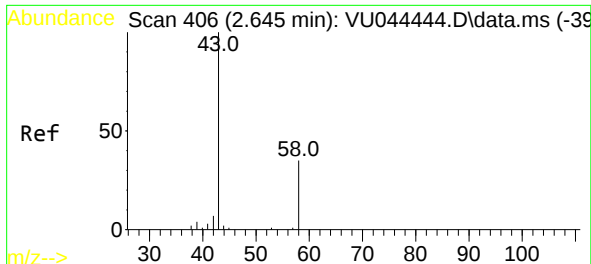
Tgt Ion:101 Resp: 104221
Ion Ratio Lower Upper
101 100
85 44.3 35.3 52.9
151 65.1 53.0 79.6



#12
1,1-Dichloroethene
Concen: 10.605 ug/L
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 96 Resp: 101331
Ion Ratio Lower Upper
96 100
61 181.2 126.1 234.3
63 119.3 84.8 157.6

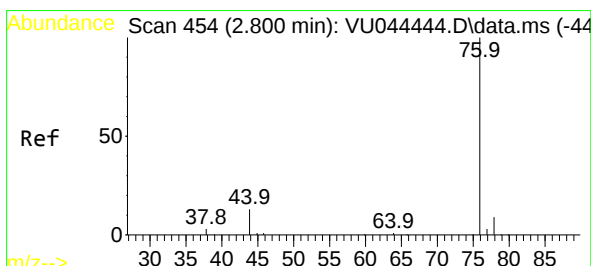
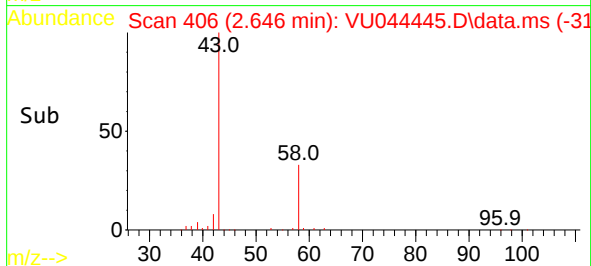
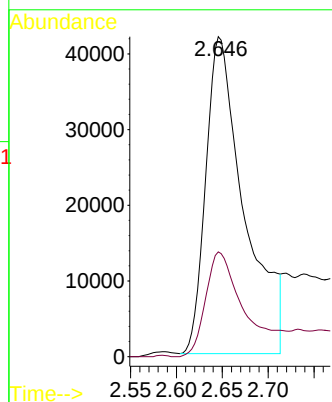
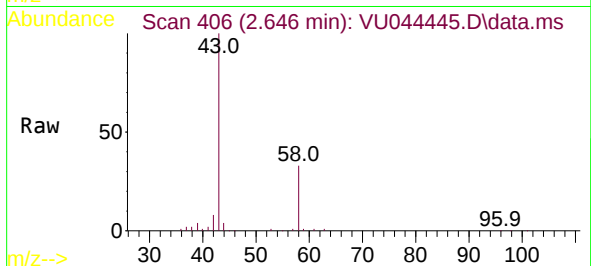




#13
Acetone
Concen: 73.419 ug/L
RT: 2.646 min Scan# 406
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

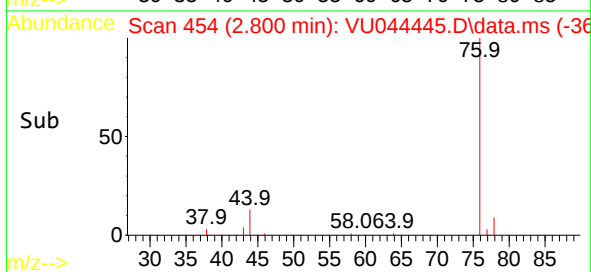
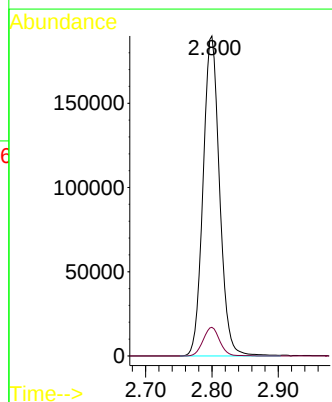
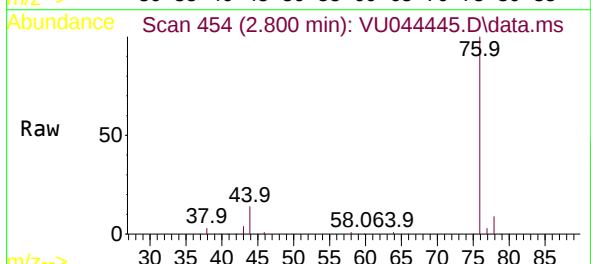
Instrument :
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VSTD010018

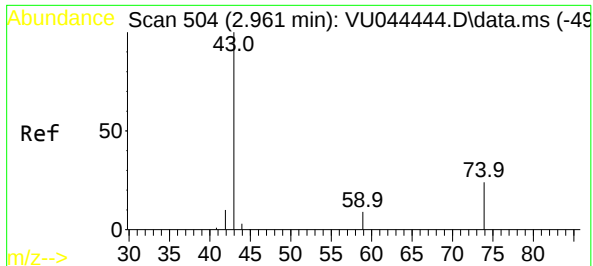
Tgt Ion: 43 Resp: 122195
Ion Ratio Lower Upper
43 100
58 34.8 0.0 45.4



#14
Carbon disulfide
Concen: 10.602 ug/L
RT: 2.800 min Scan# 454
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 76 Resp: 328595
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8

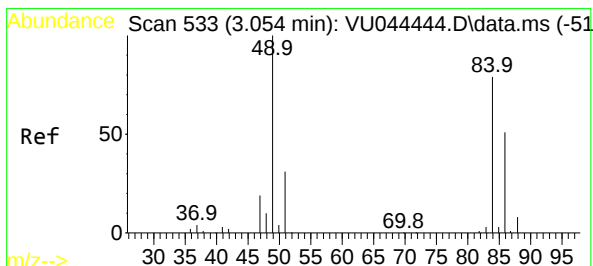
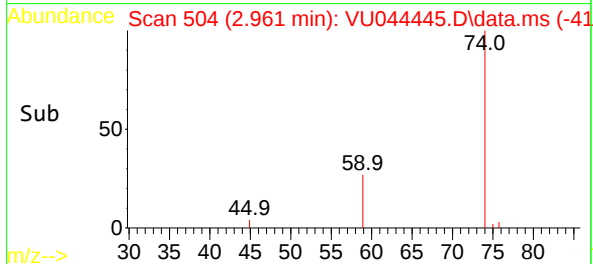
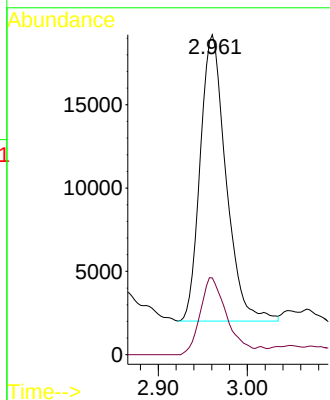
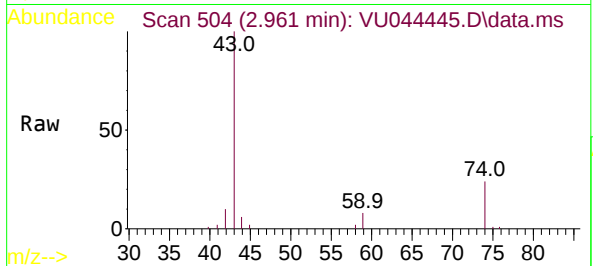




#15
Methyl Acetate
Concen: 9.170 ug/L
RT: 2.961 min Scan# 504
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

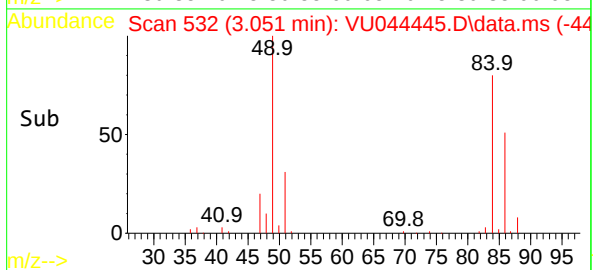
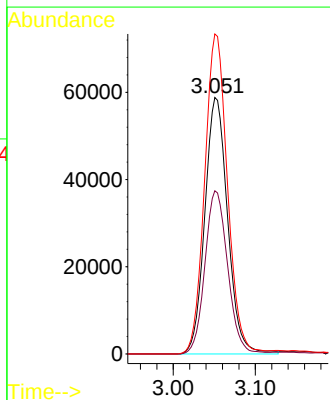
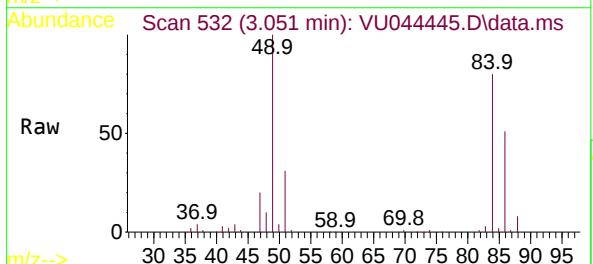
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

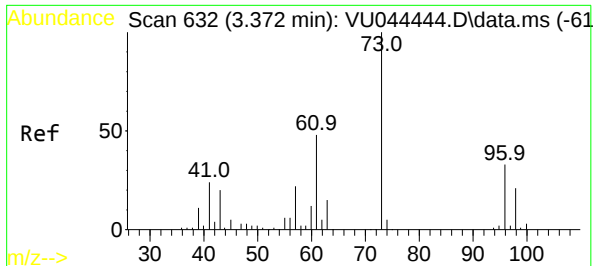
Tgt Ion: 43 Resp: 34584
Ion Ratio Lower Upper
43 100
74 27.9 19.0 28.4



#16
Methylene chloride
Concen: 8.011 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 84 Resp: 113723
Ion Ratio Lower Upper
84 100
86 63.6 45.2 84.0
49 124.8 88.8 165.0



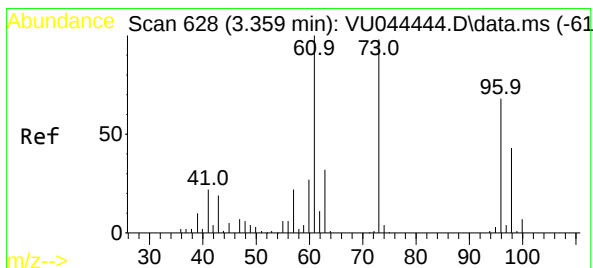
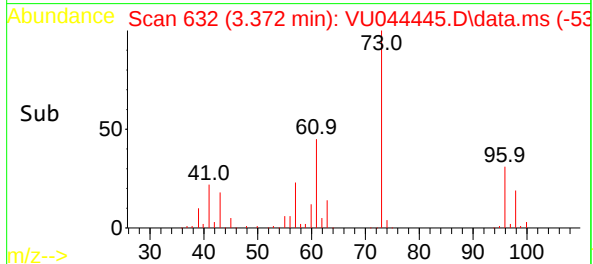
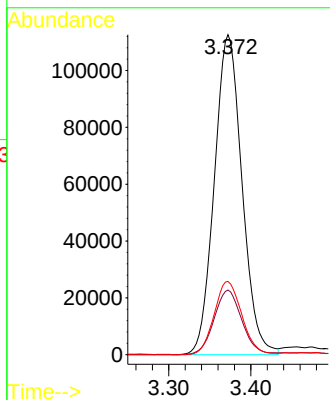
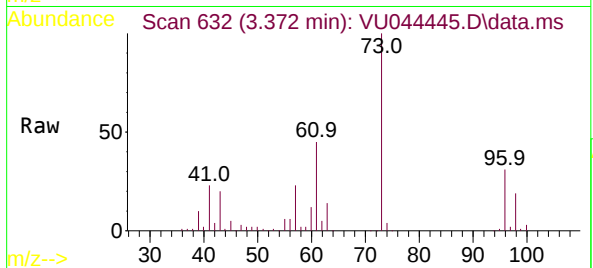


#17

Methyl tert-butyl Ether
 Concen: 10.698 ug/L
 RT: 3.372 min Scan# 632
 Delta R.T. 0.000 min
 Lab File: VU044445.D
 Acq: 18 Aug 2021 12:45

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010018

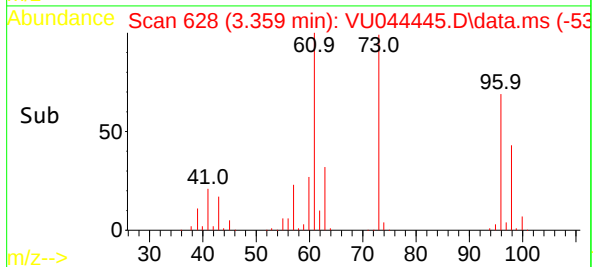
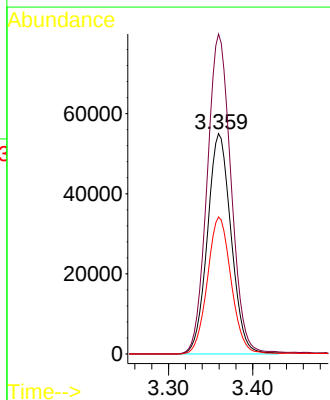
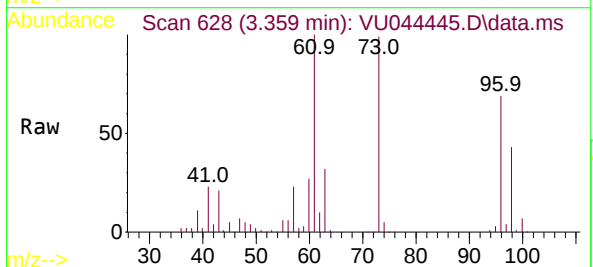
Tgt Ion: 73 Resp: 264361
 Ion Ratio Lower Upper
 73 100
 43 20.4 16.2 24.4
 57 22.9 17.8 26.8

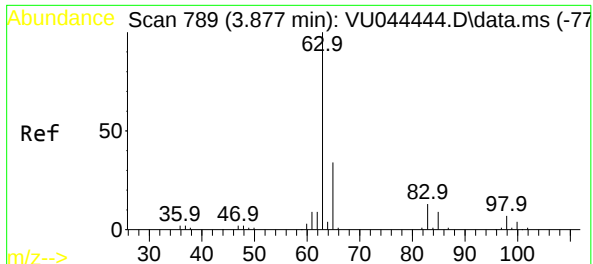


#18

trans-1,2-Dichloroethene
 Concen: 10.803 ug/L
 RT: 3.359 min Scan# 628
 Delta R.T. 0.000 min
 Lab File: VU044445.D
 Acq: 18 Aug 2021 12:45

Tgt Ion: 96 Resp: 107546
 Ion Ratio Lower Upper
 96 100
 61 145.3 103.7 192.5
 98 62.2 44.7 83.1



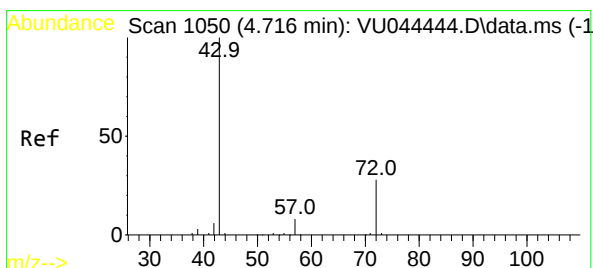
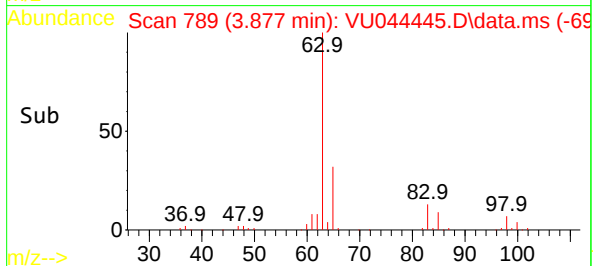
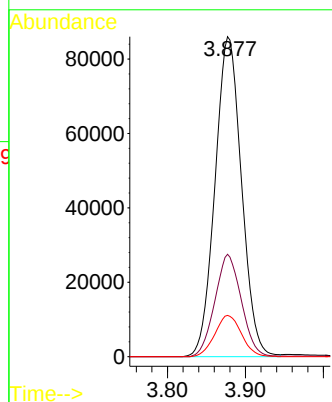
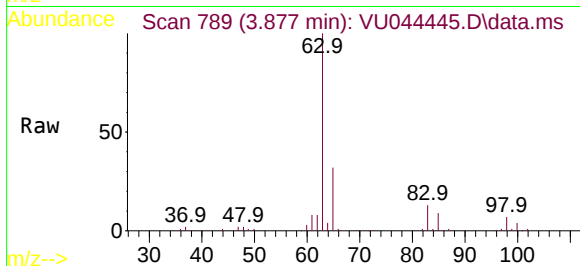


#19

1,1-Dichloroethane
Concen: 10.516 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

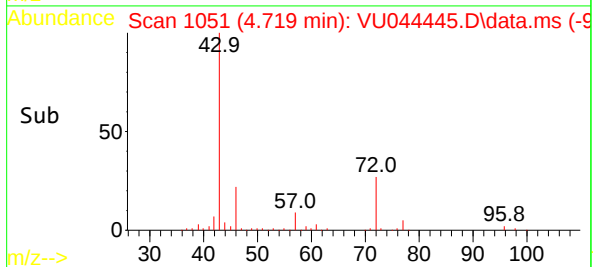
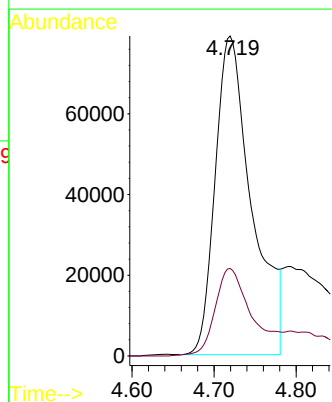
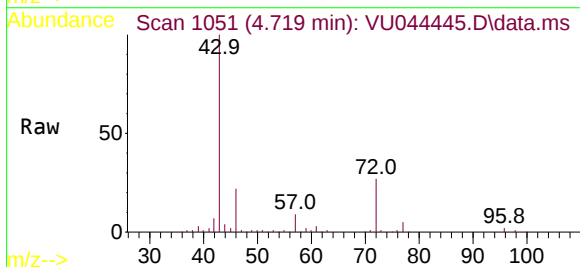
Tgt Ion: 63 Resp: 202944
Ion Ratio Lower Upper
63 100
65 32.0 23.4 43.6
83 12.9 9.0 16.6

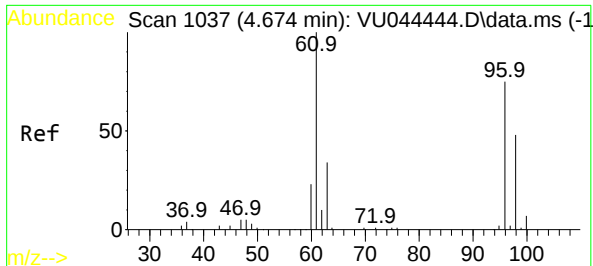


#21

2-Butanone
Concen: 74.366 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 43 Resp: 244708
Ion Ratio Lower Upper
43 100
72 28.3 14.1 42.4

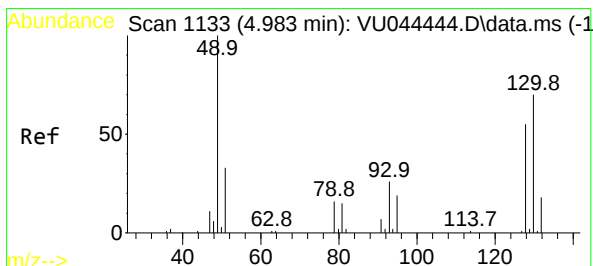
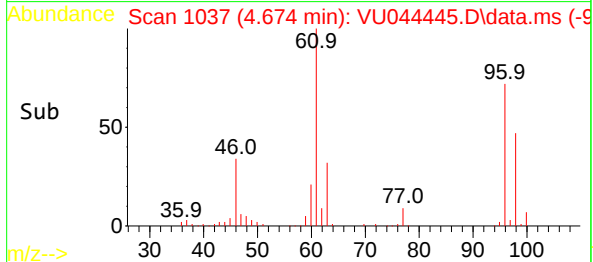
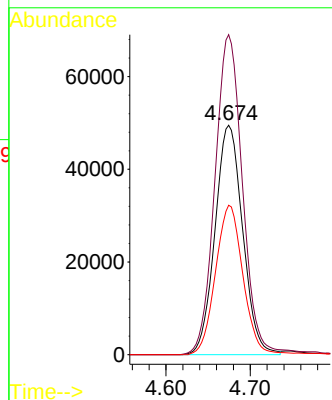
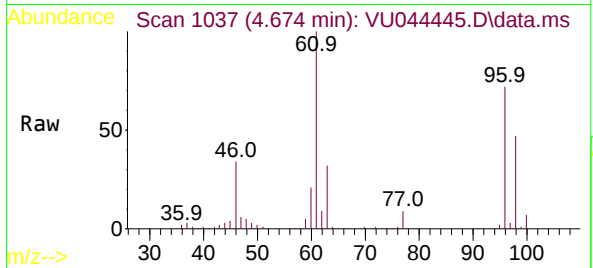




#22
cis-1,2-Dichloroethene
Concen: 10.610 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

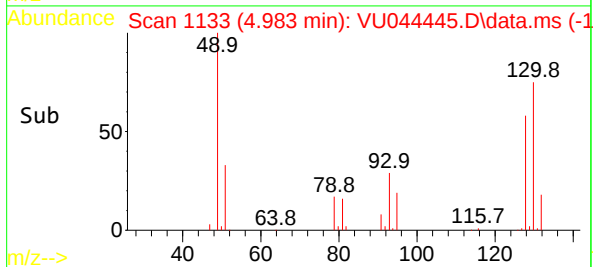
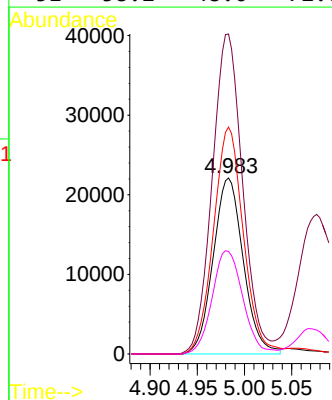
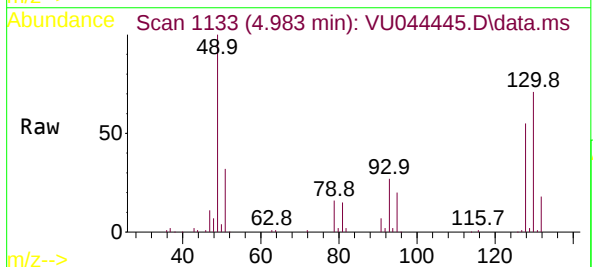
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

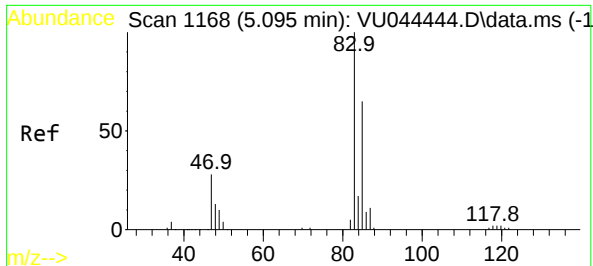
Tgt Ion: 96 Resp: 112937
Ion Ratio Lower Upper
96 100
61 139.5 93.9 174.5
98 65.2 44.7 83.1



#23
Bromochloromethane
Concen: 10.455 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:128 Resp: 49059
Ion Ratio Lower Upper
128 100
49 181.8 128.1 237.9
130 128.9 89.2 165.8
51 58.2 48.0 72.0



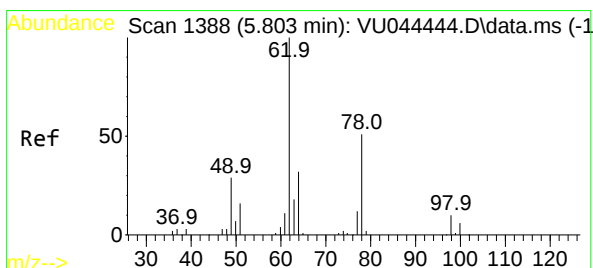
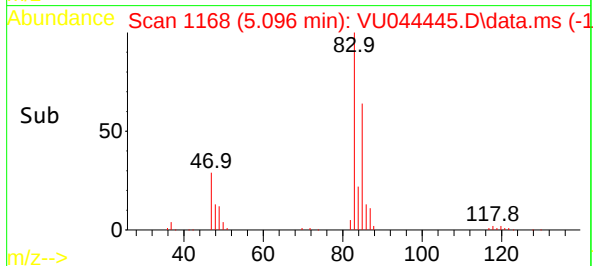
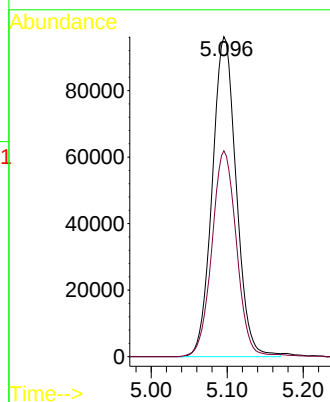
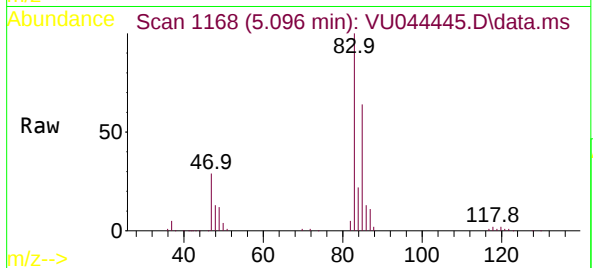


#25

Chloroform
Concen: 10.644 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

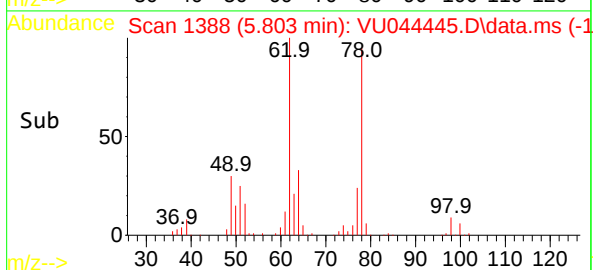
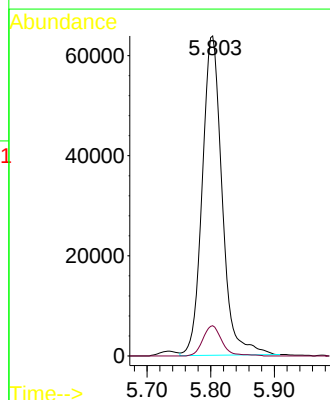
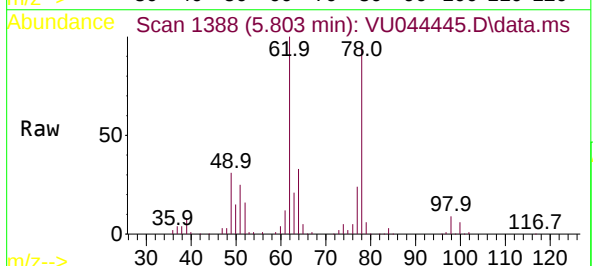
Tgt Ion: 83 Resp: 210761
Ion Ratio Lower Upper
83 100
85 64.3 45.3 84.1

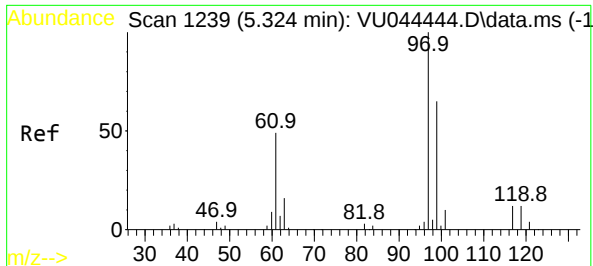


#27

1,2-Dichloroethane
Concen: 10.488 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 62 Resp: 138520
Ion Ratio Lower Upper
62 100
98 9.5 8.0 12.0

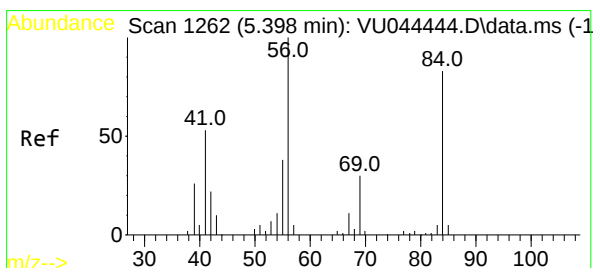
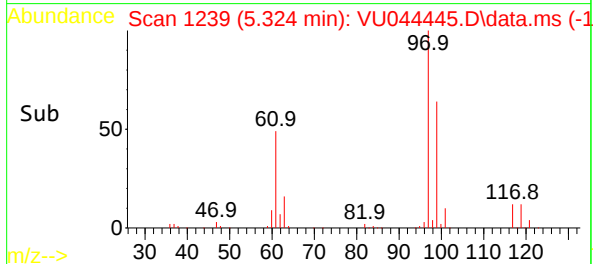
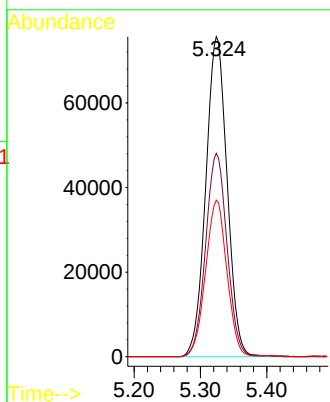
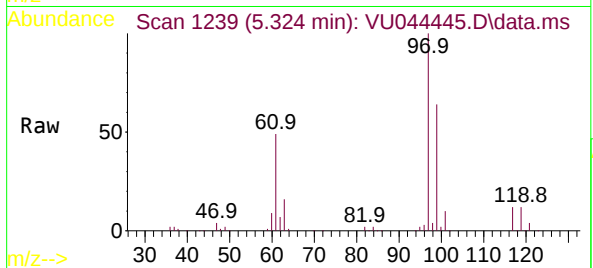




#29
1,1,1-Trichloroethane
Concen: 10.858 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

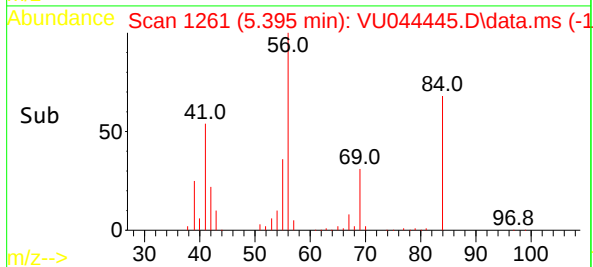
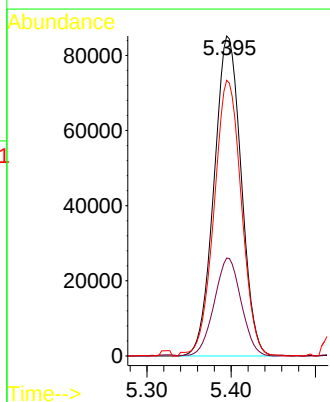
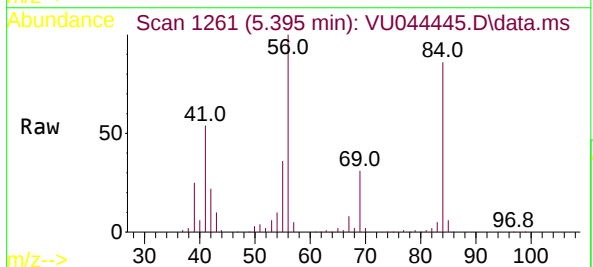
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

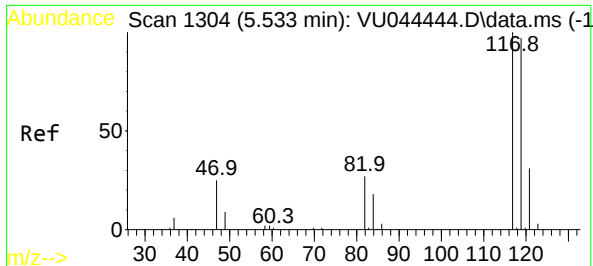
Tgt Ion: 97 Resp: 169122
Ion Ratio Lower Upper
97 100
99 63.8 52.5 78.7
61 48.9 39.2 58.8



#30
Cyclohexane
Concen: 11.051 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 56 Resp: 190281
Ion Ratio Lower Upper
56 100
69 30.4 24.3 36.5
84 86.9 68.4 102.6

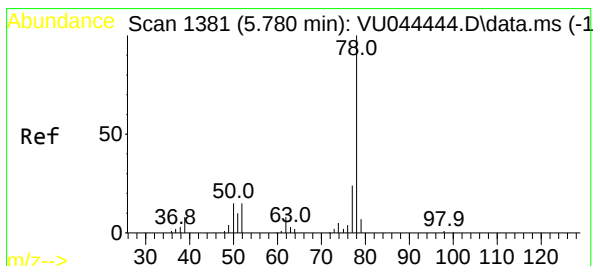
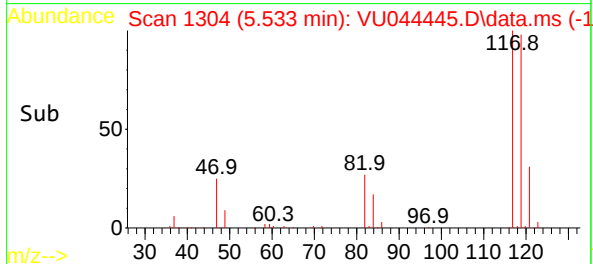
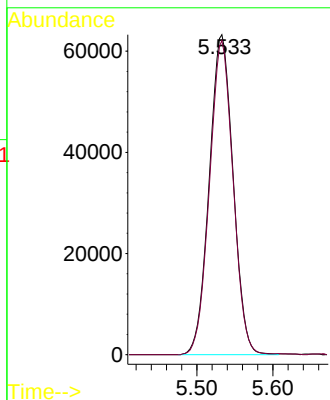
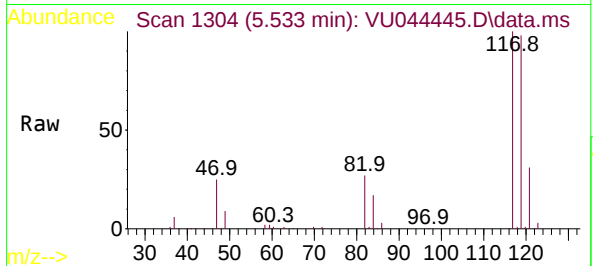




#31
Carbon tetrachloride
Concen: 10.788 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

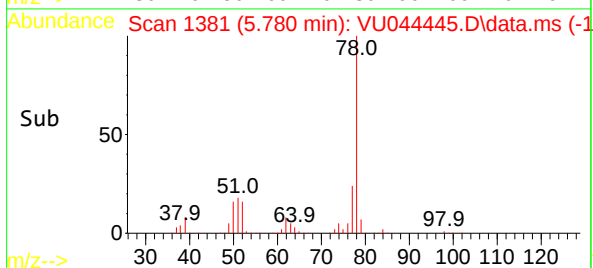
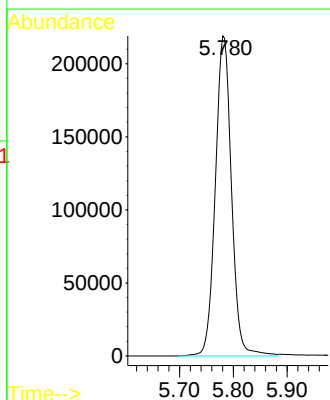
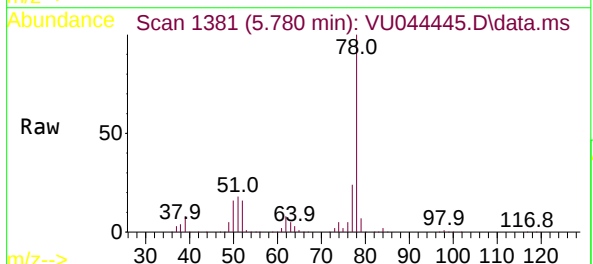
Instrument :
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ClientSampleId :
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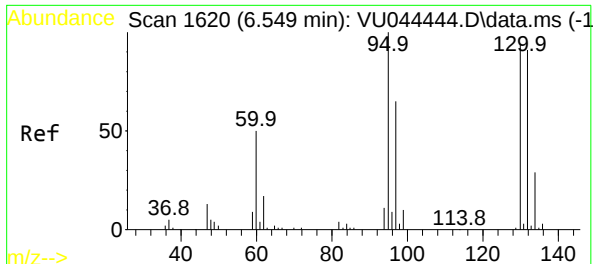
Tgt Ion:117 Resp: 138068
Ion Ratio Lower Upper
117 100
119 96.6 76.6 114.8



#33
Benzene
Concen: 10.819 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 78 Resp: 456803

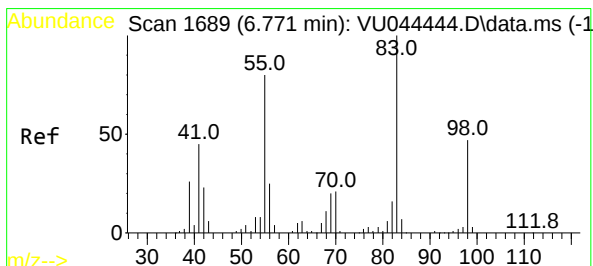
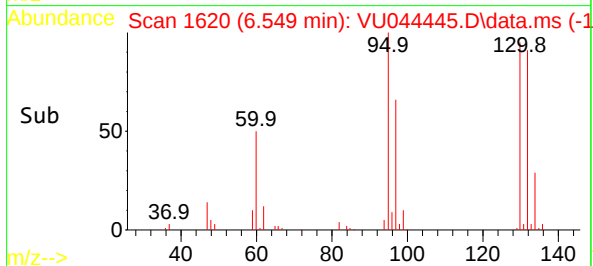
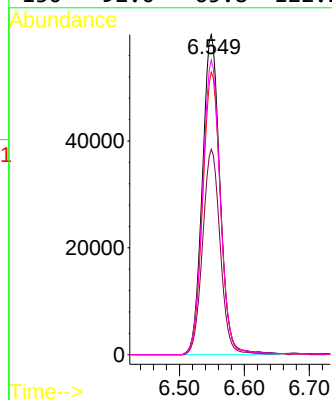
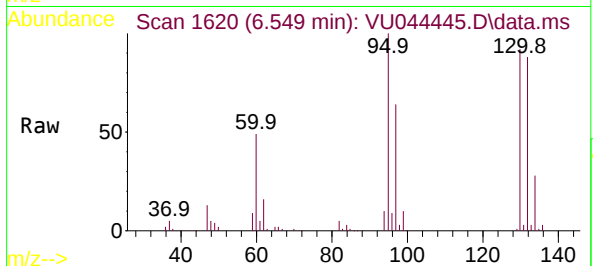




#34
Trichloroethene
Concen: 10.879 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

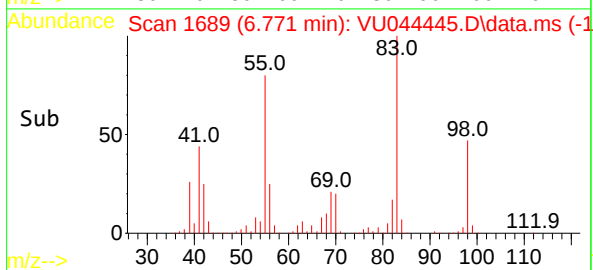
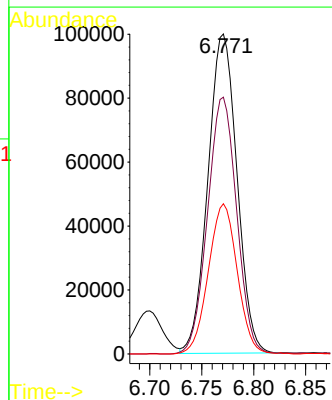
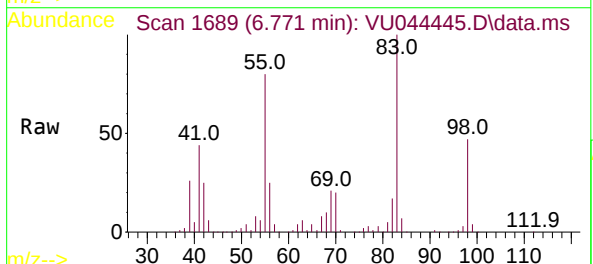
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ClientSampleId :
VSTD010018

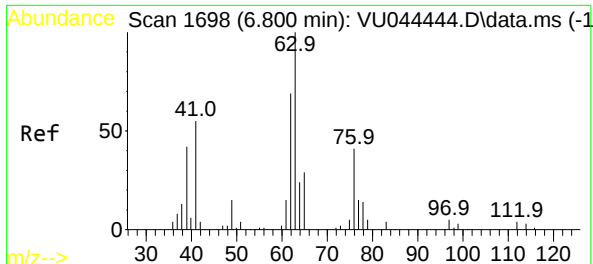
Tgt Ion: 95 Resp: 113562
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.8
132 88.3 63.4 117.8
130 92.0 65.8 122.2



#35
Methylcyclohexane
Concen: 11.154 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 83 Resp: 194187
Ion Ratio Lower Upper
83 100
55 80.6 64.8 97.2
98 46.8 37.5 56.3

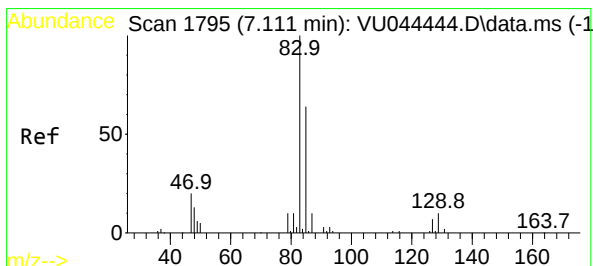
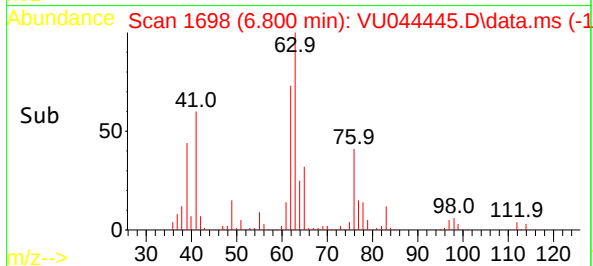
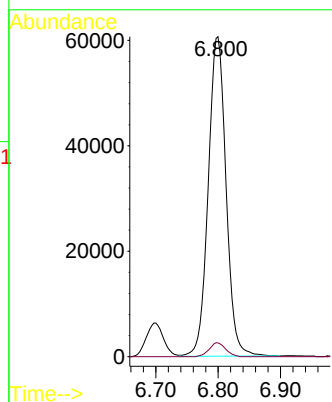
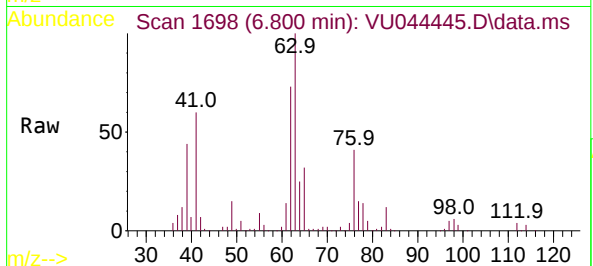




#37
1,2-Dichloropropane
Concen: 10.902 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

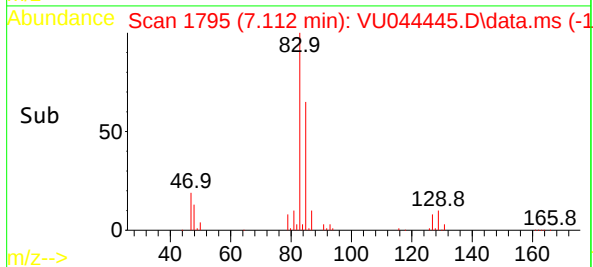
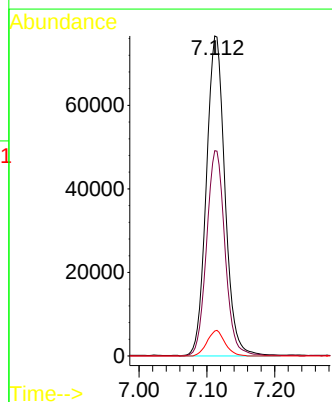
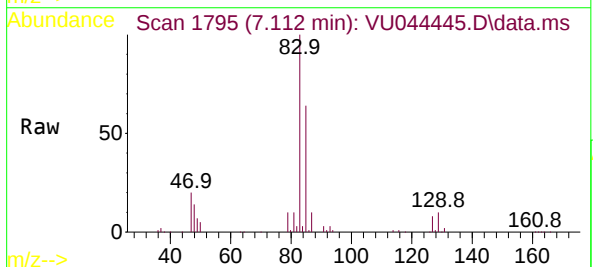
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

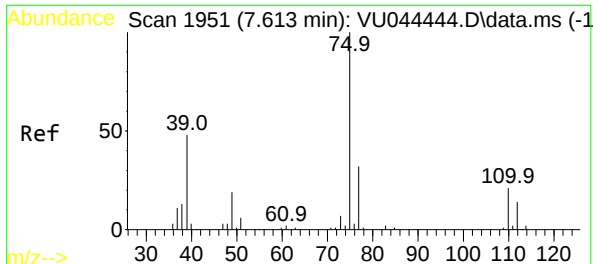
Tgt Ion: 63 Resp: 120534
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 10.775 ug/L
RT: 7.112 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 83 Resp: 146264
Ion Ratio Lower Upper
83 100
85 64.1 44.6 82.8
127 7.8 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 11.331 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VU044445.D

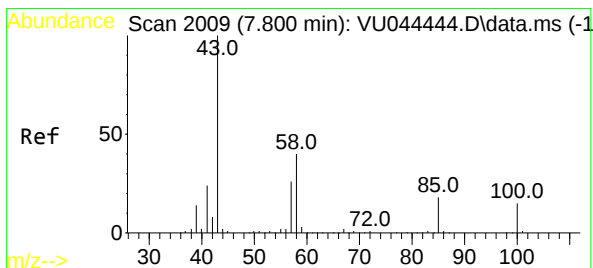
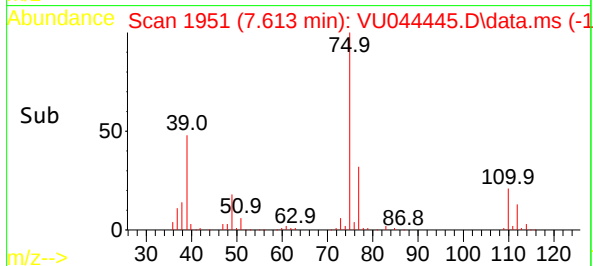
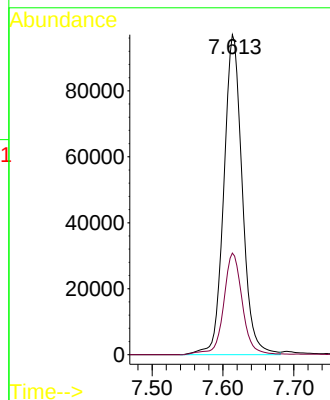
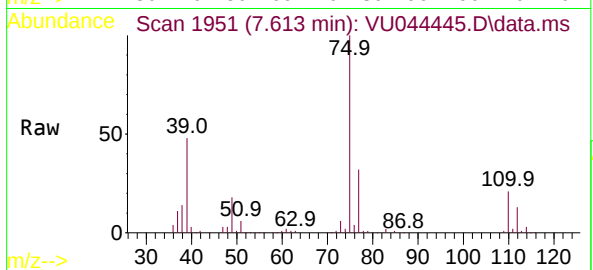
Acq: 18 Aug 2021 12:45

Tgt Ion: 75 Resp: 175690

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 113.323 ug/L

RT: 7.800 min Scan# 2009

Delta R.T. 0.000 min

Lab File: VU044445.D

Acq: 18 Aug 2021 12:45

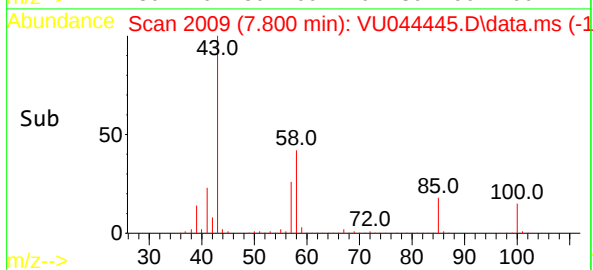
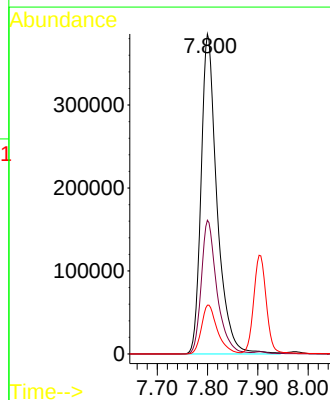
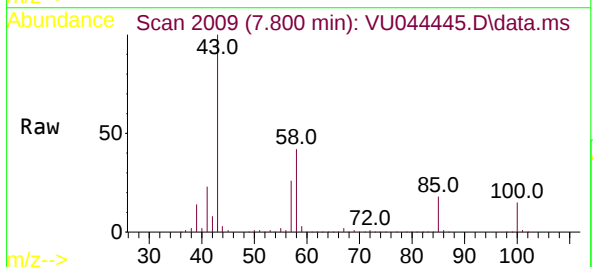
Tgt Ion: 43 Resp: 850689

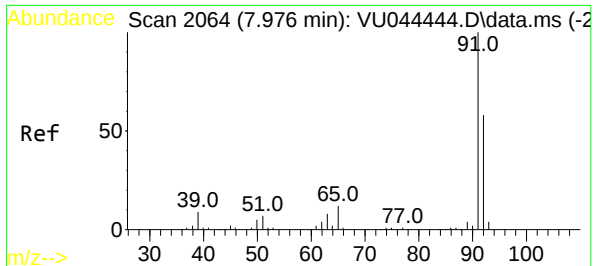
Ion Ratio Lower Upper

43 100

58 41.1 32.5 48.7

100 15.3 12.3 18.5

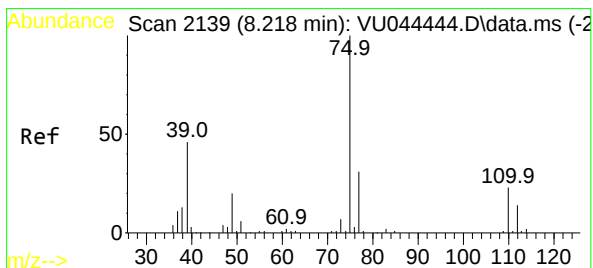
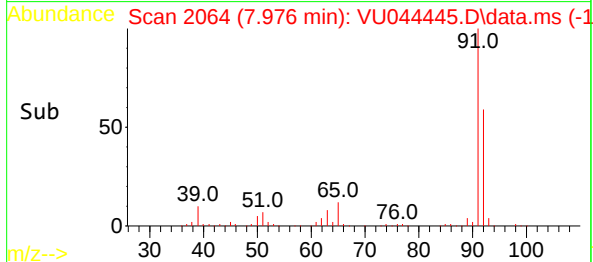
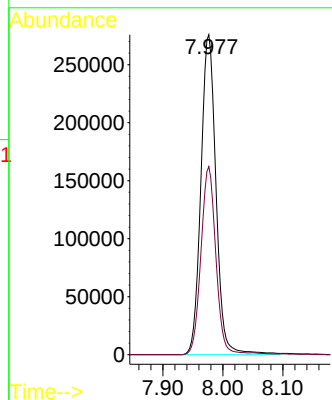
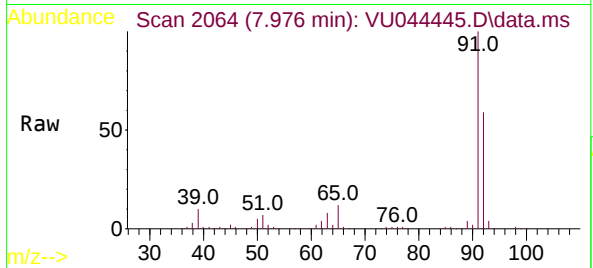




#42
Toluene
Concen: 11.048 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

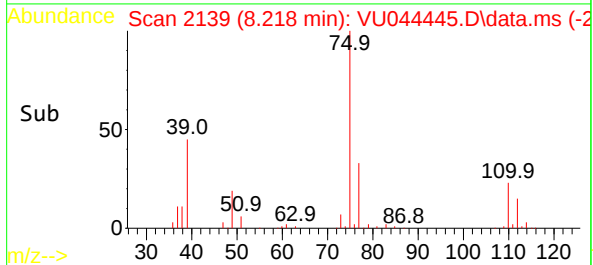
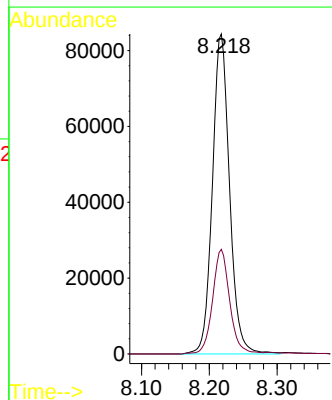
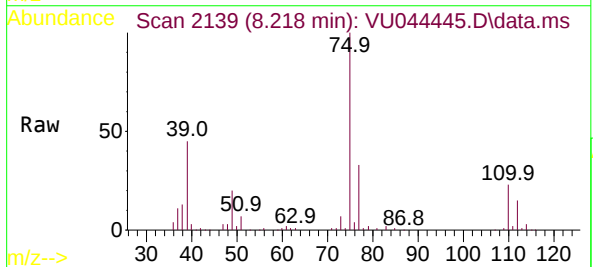
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

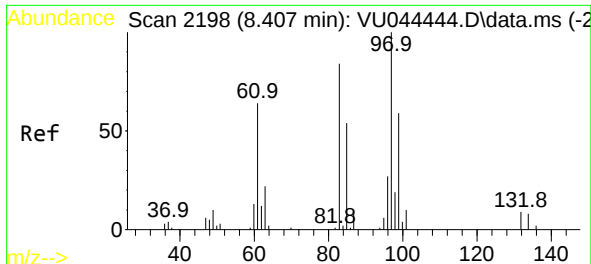
Tgt Ion: 91 Resp: 485889
Ion Ratio Lower Upper
91 100
92 58.8 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 11.294 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 75 Resp: 148426
Ion Ratio Lower Upper
75 100
77 32.7 21.6 40.2



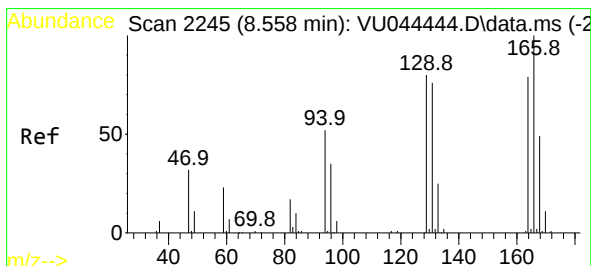
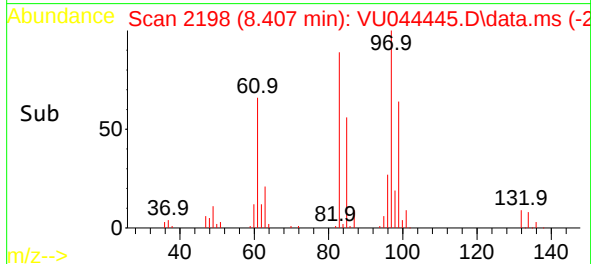
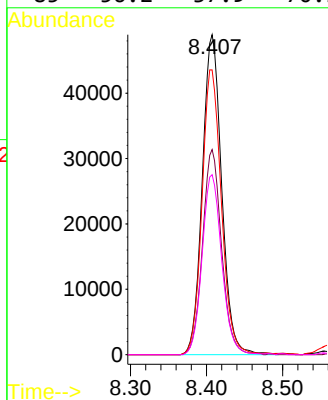
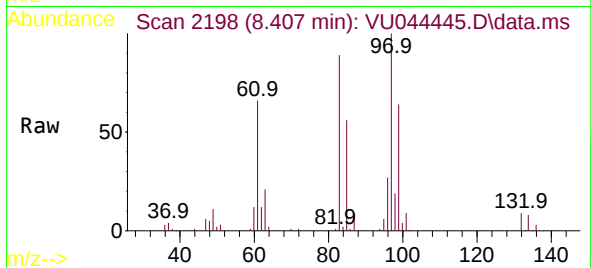


#45
1,1,2-Trichloroethane
Concen: 10.995 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

Tgt Ion: 97 Resp: 86682

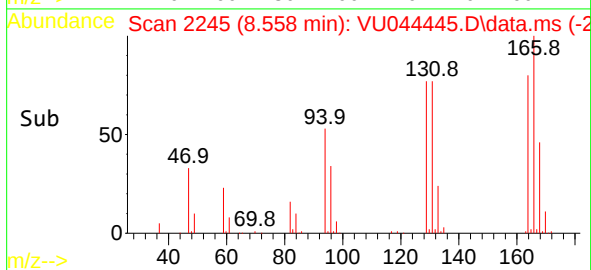
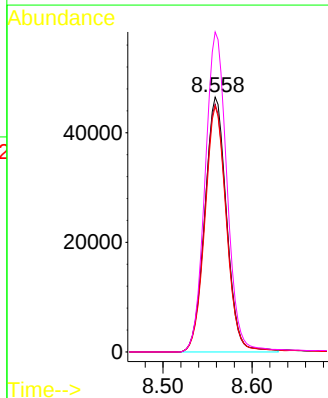
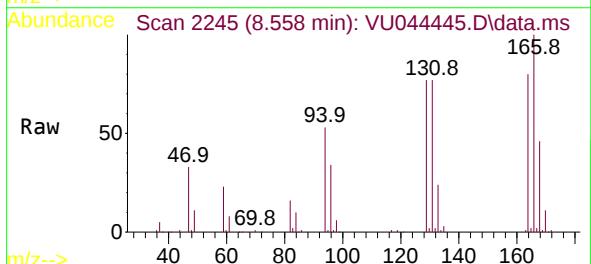
Ion	Ratio	Lower	Upper
97	100		
99	64.1	41.3	76.7
83	89.0	58.6	108.8
85	56.2	37.9	70.5

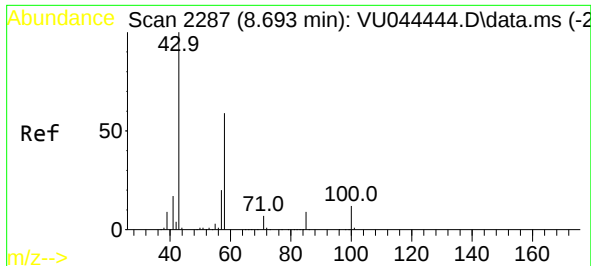


#47
Tetrachloroethene
Concen: 10.938 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 164 Resp: 78950

Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.0	131.8
131	96.4	68.0	126.4
166	125.5	89.0	165.4



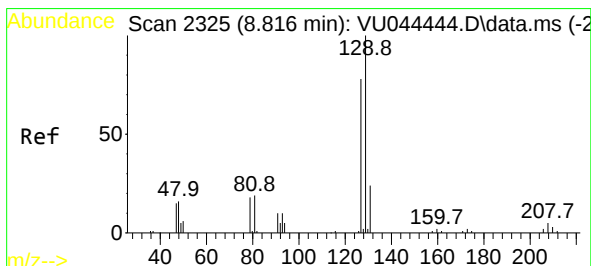
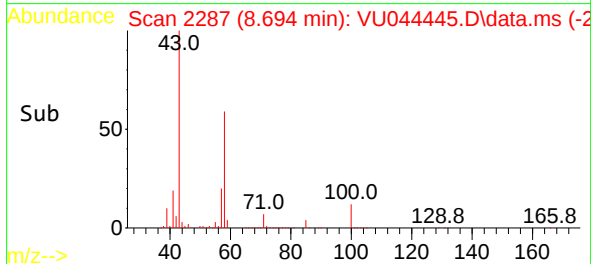
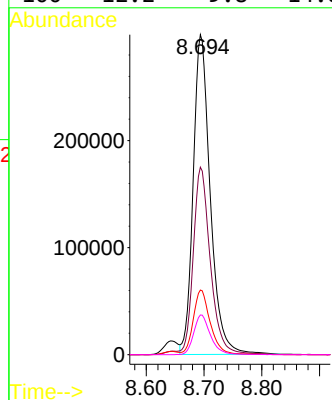
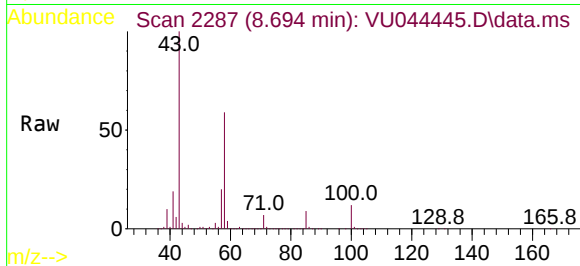


#48
2-Hexanone
Concen: 114.733 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

Tgt Ion: 43 Resp: 614558

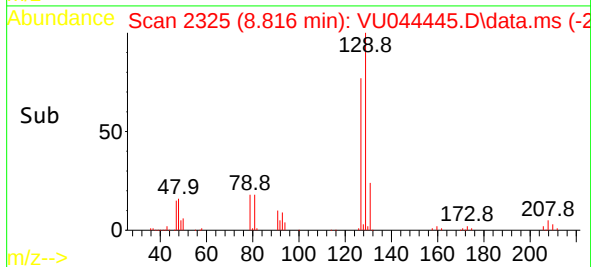
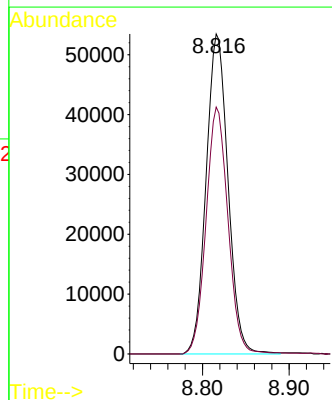
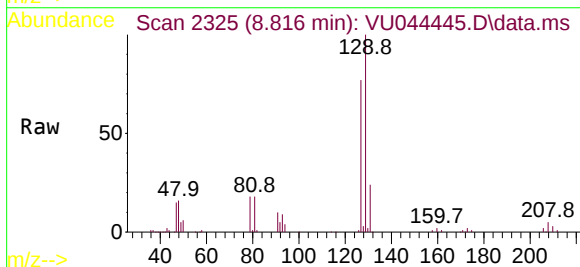
Ion	Ratio	Lower	Upper
43	100		
58	58.7	46.5	69.7
57	20.3	15.8	23.8
100	12.2	9.8	14.8

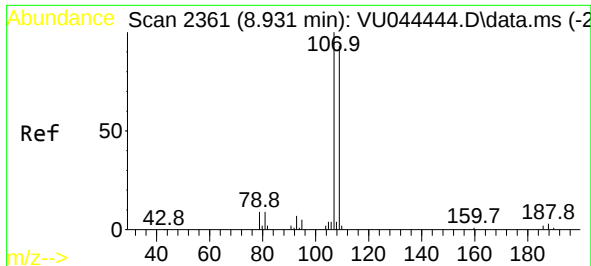


#49
Dibromochloromethane
Concen: 11.262 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 129 Resp: 93964

Ion	Ratio	Lower	Upper
129	100		
127	77.2	54.7	101.7

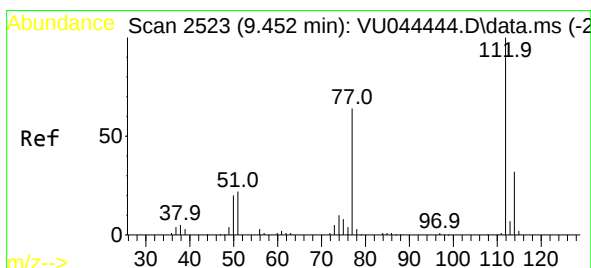
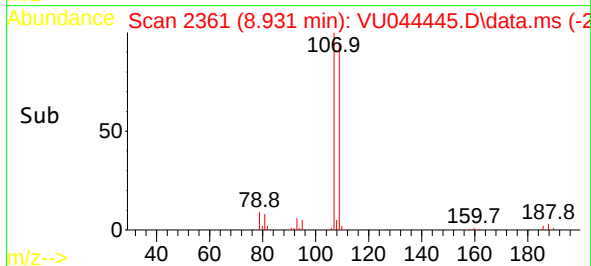
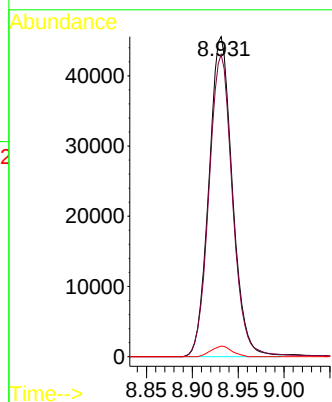
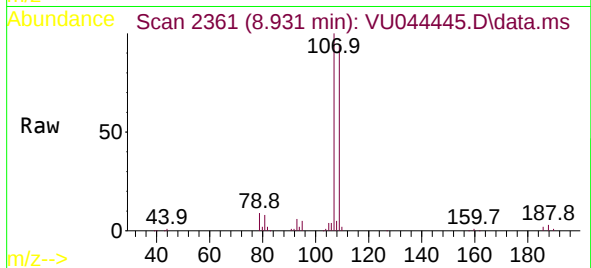




#50
1,2-Dibromoethane
Concen: 10.753 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

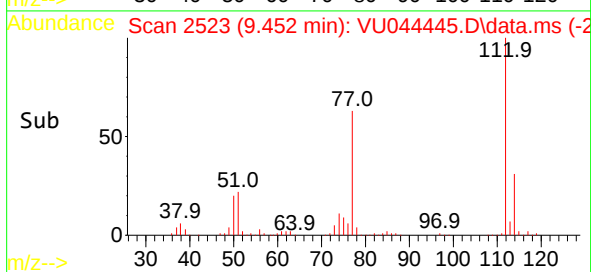
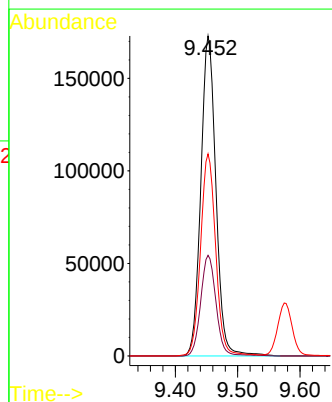
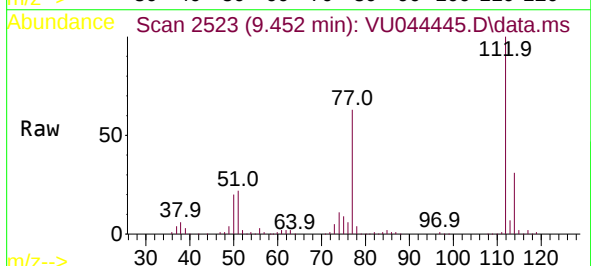
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

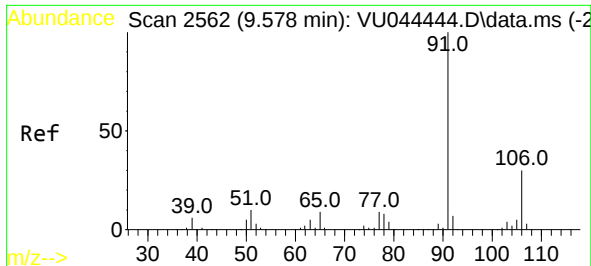
Tgt Ion:107 Resp: 81089
Ion Ratio Lower Upper
107 100
109 94.4 65.2 121.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 10.776 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:112 Resp: 290857
Ion Ratio Lower Upper
112 100
114 31.5 22.7 42.1
77 63.1 51.3 76.9

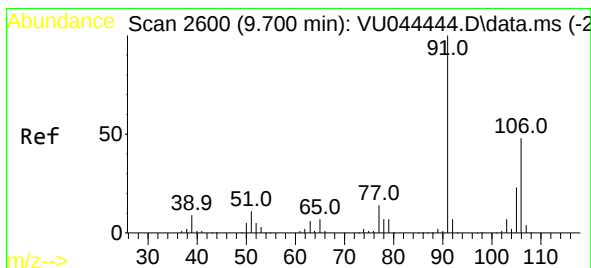
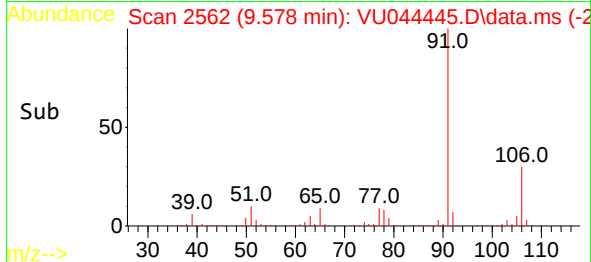
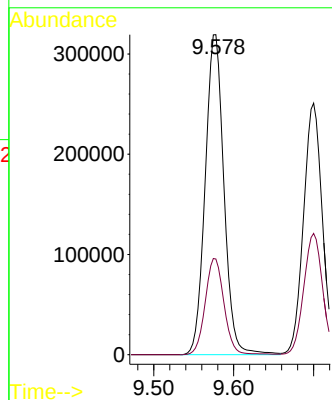
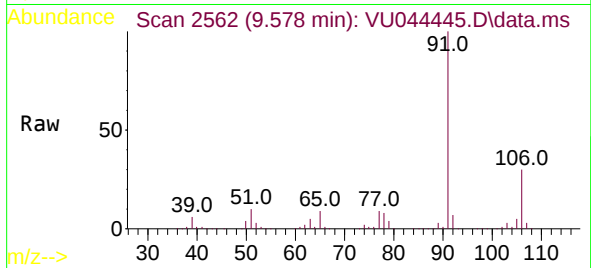




#52
Ethylbenzene
Concen: 11.231 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

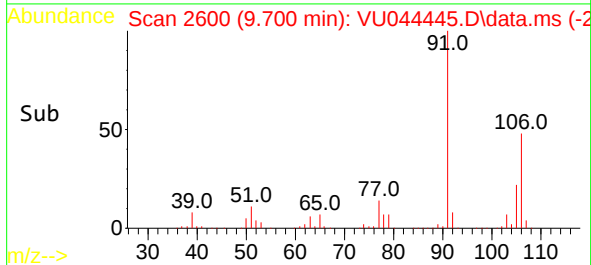
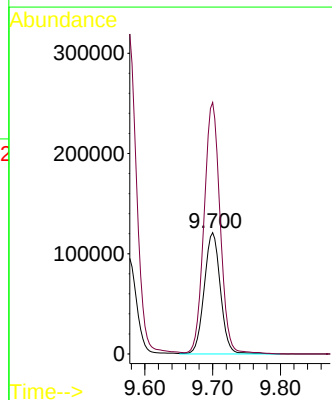
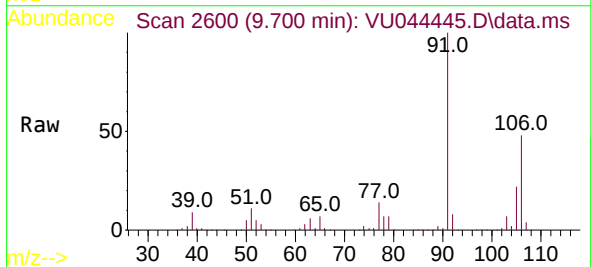
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

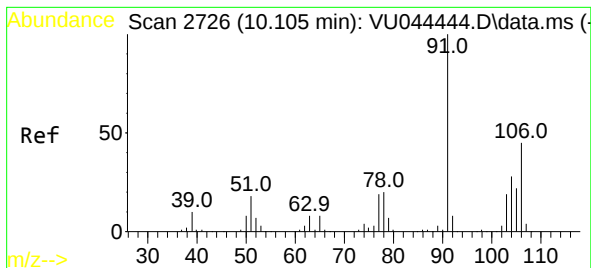
Tgt Ion: 91 Resp: 521784
Ion Ratio Lower Upper
91 100
106 29.9 21.3 39.6



#53
m,p-Xylene
Concen: 11.507 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 106 Resp: 200991
Ion Ratio Lower Upper
106 100
91 207.3 146.2 271.6

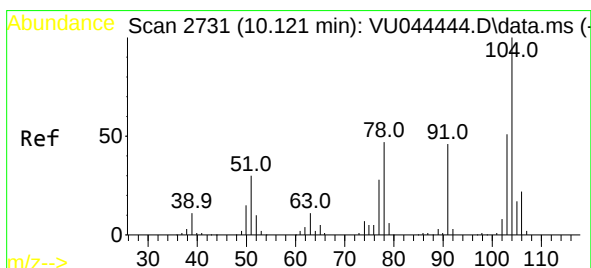
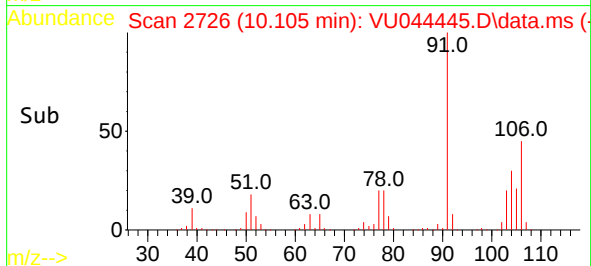
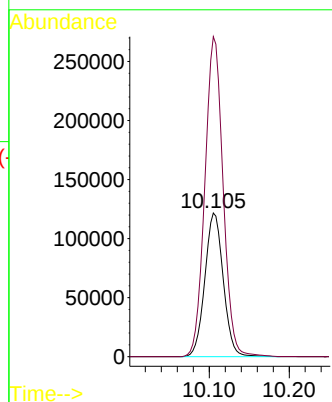
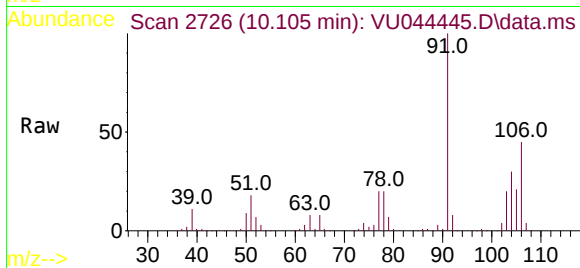




#54
o-Xylene
Concen: 11.474 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

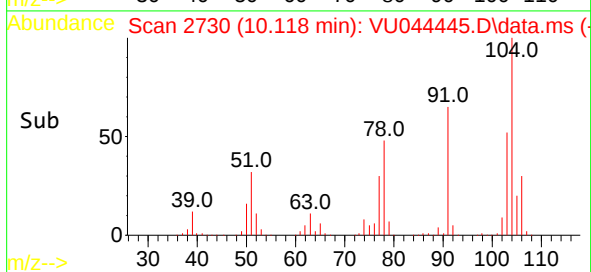
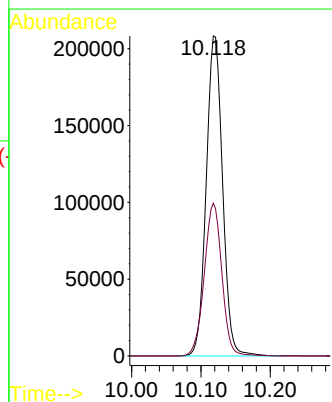
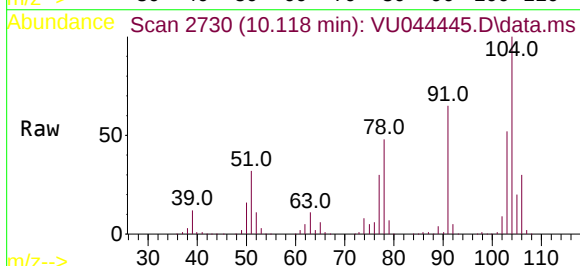
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

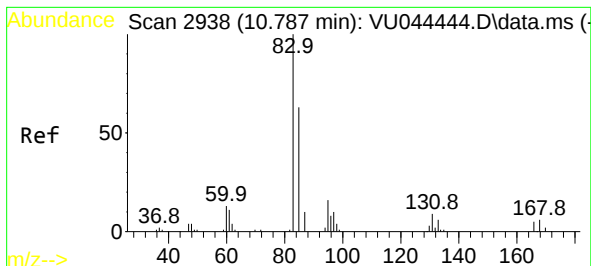
Tgt Ion:106 Resp: 195217
Ion Ratio Lower Upper
106 100
91 222.6 154.4 286.8



#55
Styrene
Concen: 12.218 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:104 Resp: 340823
Ion Ratio Lower Upper
104 100
78 47.7 32.6 60.5

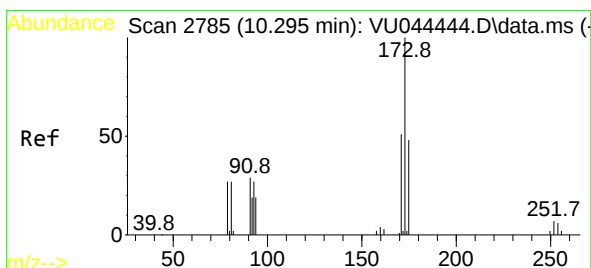
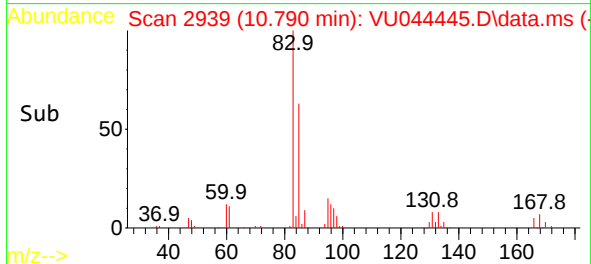
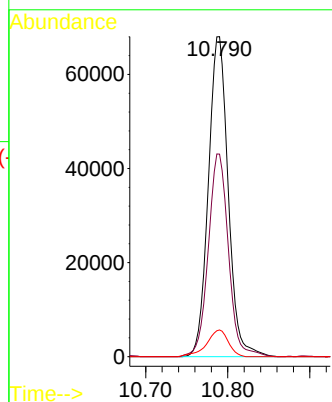
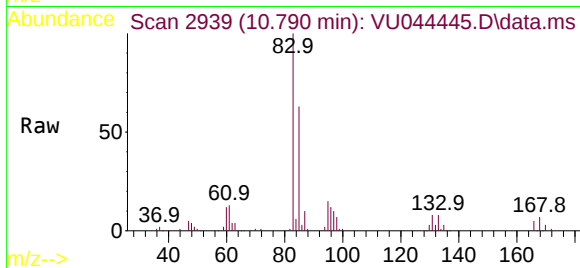




#57
1,1,2,2-Tetrachloroethane
Concen: 11.011 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

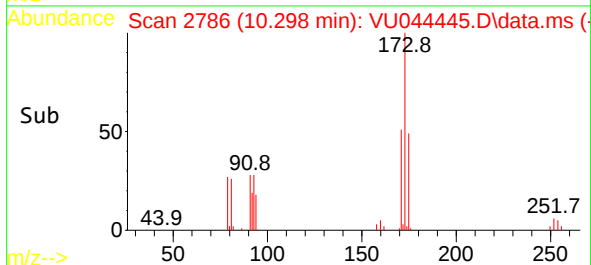
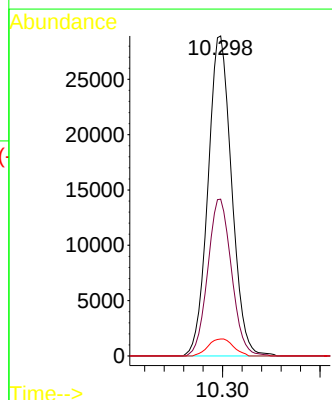
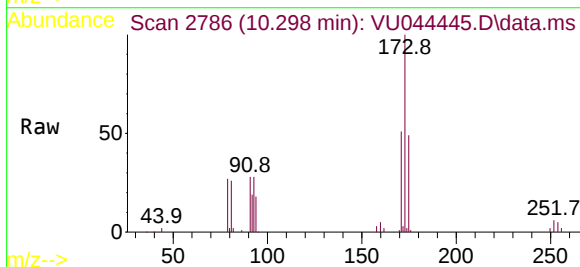
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

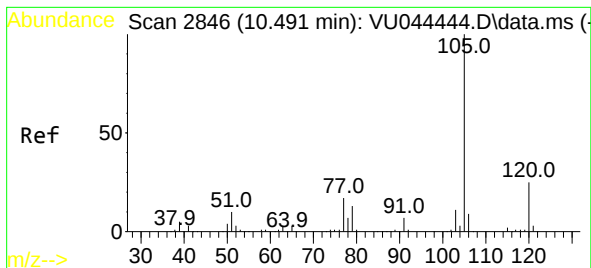
Tgt Ion: 83 Resp: 114301
Ion Ratio Lower Upper
83 100
85 63.3 44.2 82.2
131 8.4 6.9 10.3



#59
Bromoform
Concen: 10.716 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:173 Resp: 48681
Ion Ratio Lower Upper
173 100
175 49.2 38.0 57.0
254 5.7 4.3 6.5

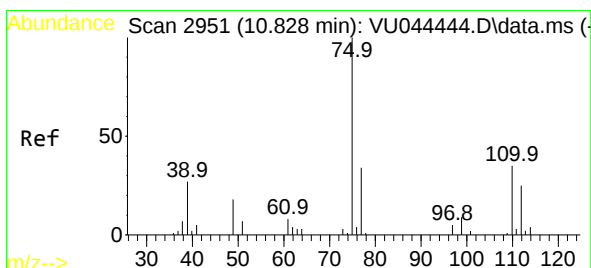
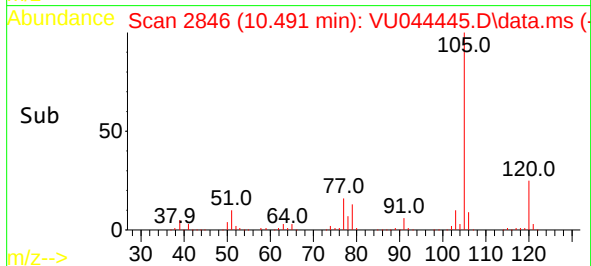
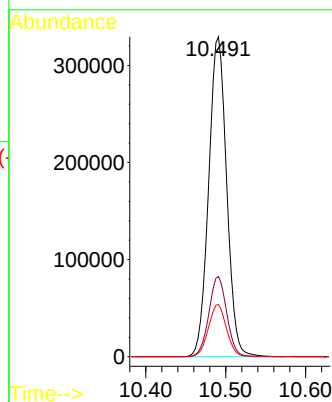
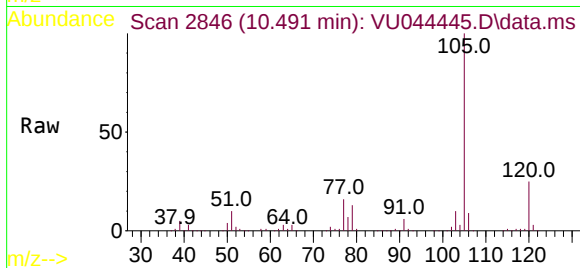




#60
Isopropylbenzene
Concen: 10.975 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

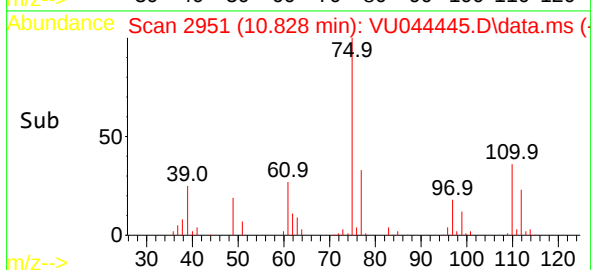
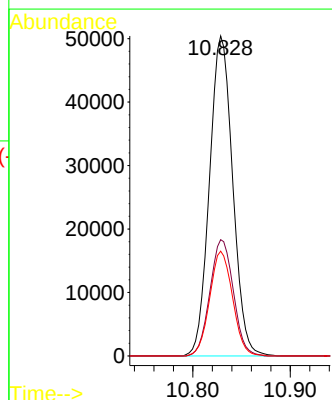
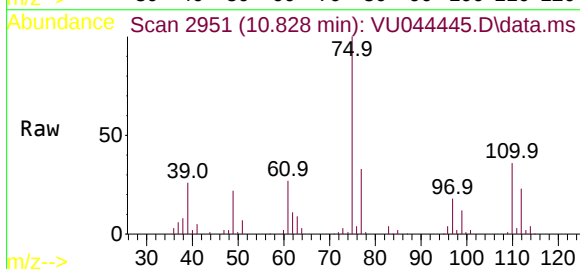
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

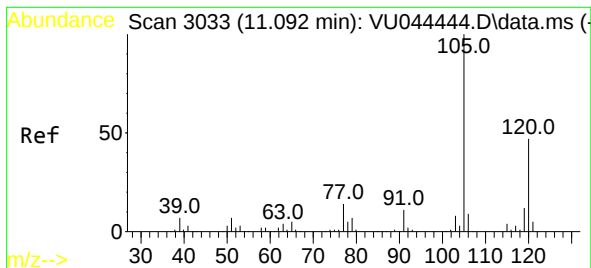
Tgt Ion:105 Resp: 515017
Ion Ratio Lower Upper
105 100
120 24.9 20.1 30.1
77 16.4 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 10.379 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 75 Resp: 83391
Ion Ratio Lower Upper
75 100
110 36.6 28.4 42.6
77 32.3 26.5 39.7

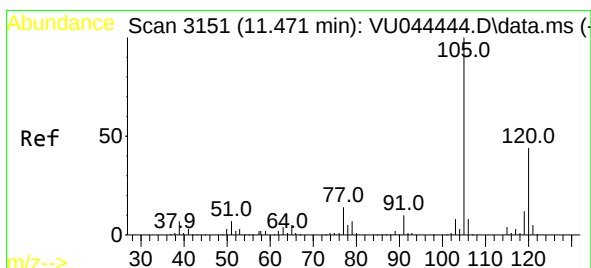
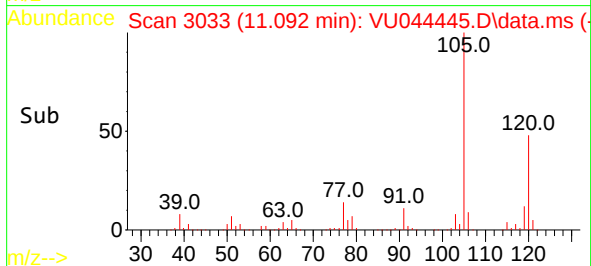
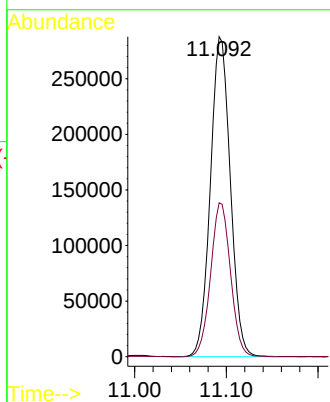
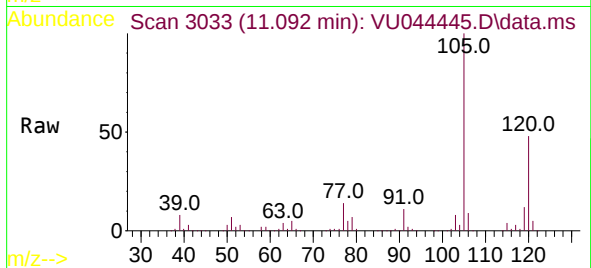




#62
1,3,5-Trimethylbenzene
Concen: 11.315 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

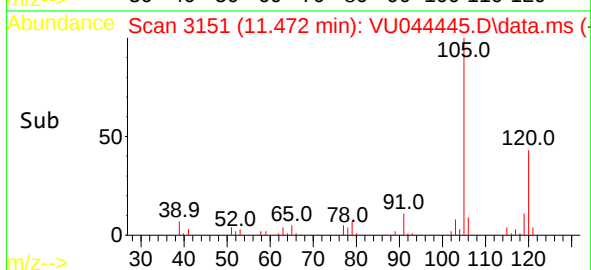
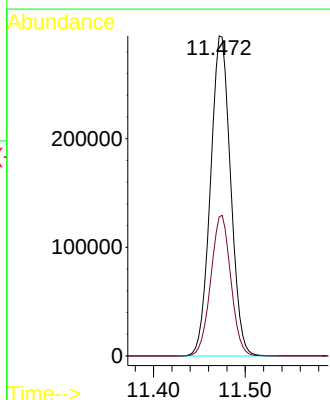
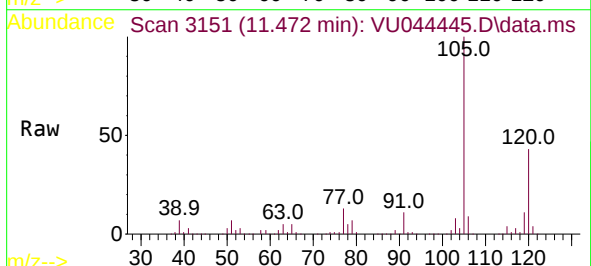
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

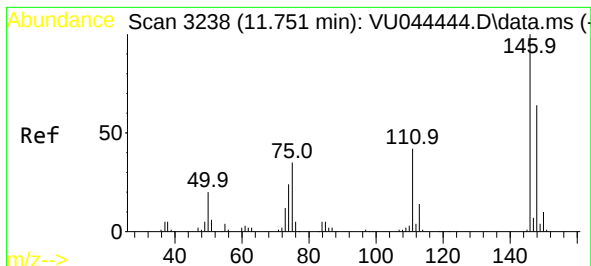
Tgt Ion:105 Resp: 434158
Ion Ratio Lower Upper
105 100
120 47.9 37.8 56.6



#63
1,2,4-Trimethylbenzene
Concen: 11.444 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:105 Resp: 450277
Ion Ratio Lower Upper
105 100
120 43.8 35.2 52.8

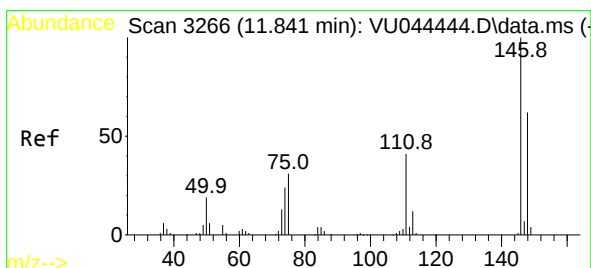
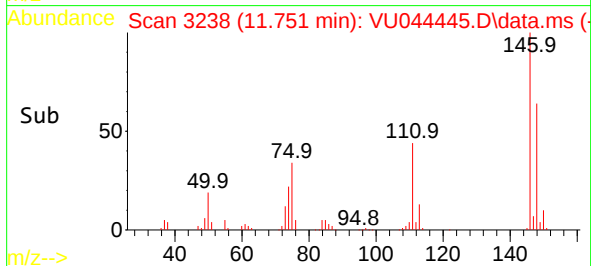
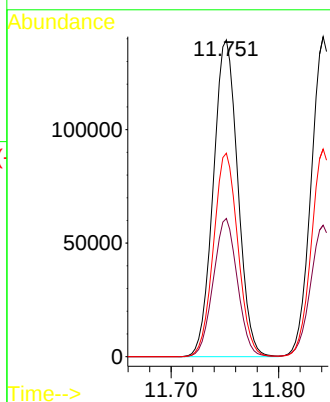
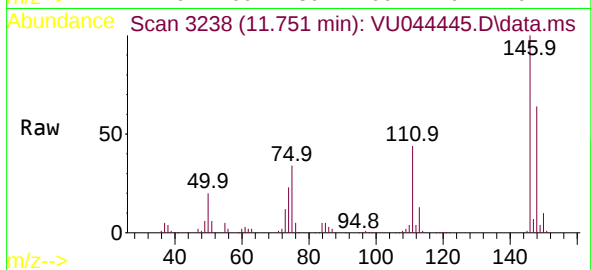




#64
1,3-Dichlorobenzene
Concen: 10.736 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

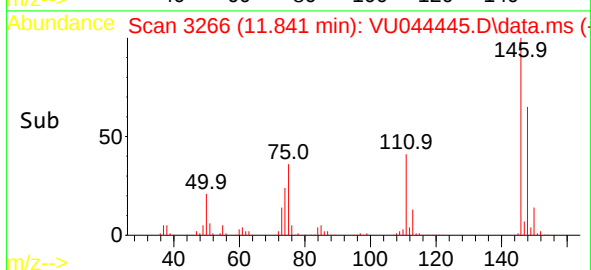
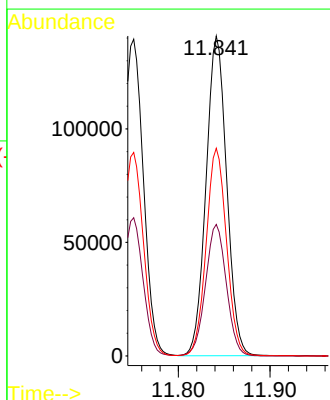
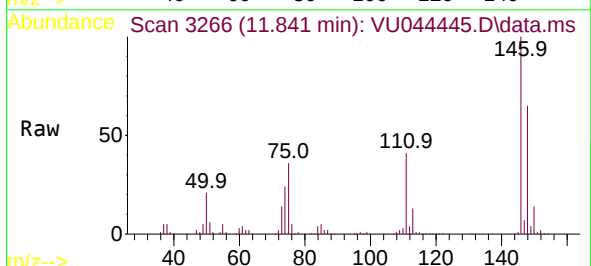
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

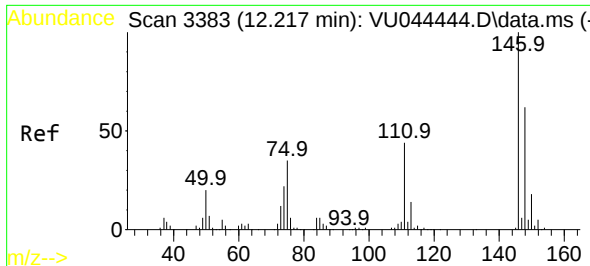
Tgt Ion:146 Resp: 221226
Ion Ratio Lower Upper
146 100
111 43.7 29.6 55.0
148 64.2 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 10.577 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:146 Resp: 220172
Ion Ratio Lower Upper
146 100
111 41.1 28.8 53.4
148 64.9 43.6 81.0

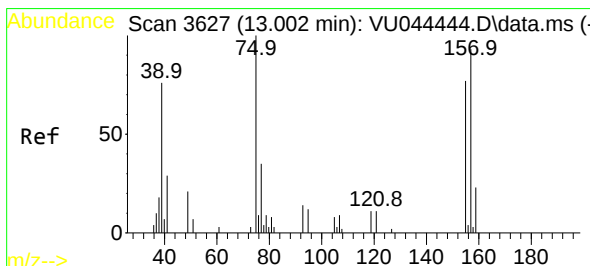
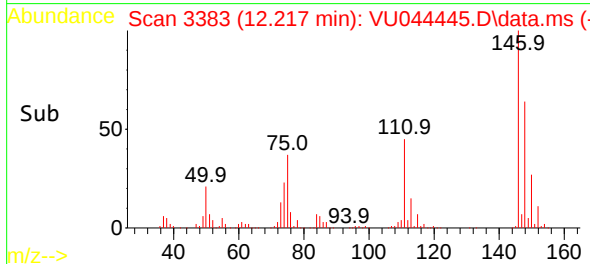
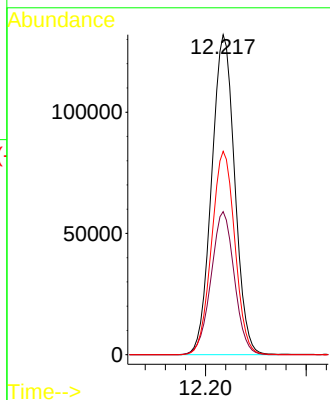
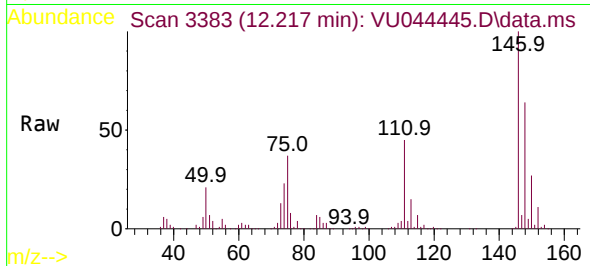




#67
1,2-Dichlorobenzene
Concen: 10.705 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

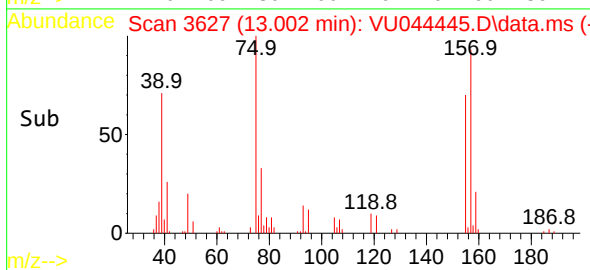
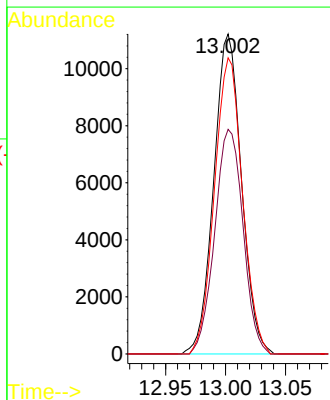
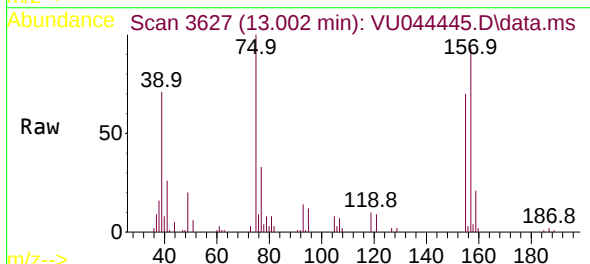
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

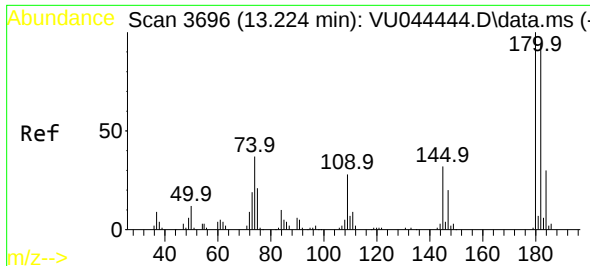
Tgt Ion:146 Resp: 210221
Ion Ratio Lower Upper
146 100
111 44.7 34.9 52.3
148 63.6 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 10.949 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion: 75 Resp: 17995
Ion Ratio Lower Upper
75 100
155 70.2 61.2 91.8
157 92.5 74.2 111.2

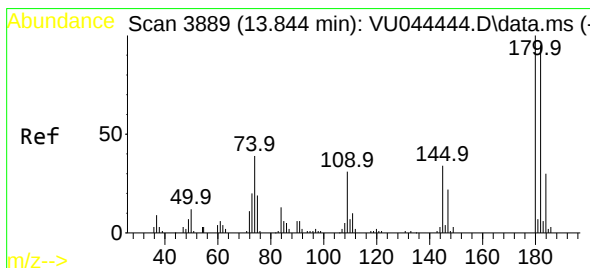
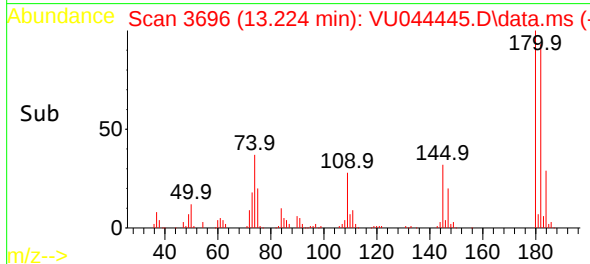
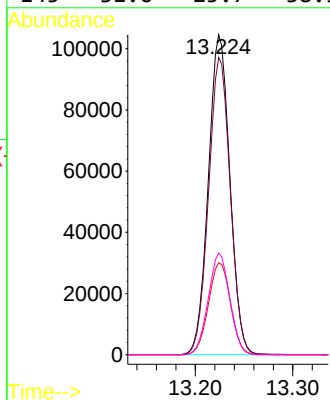
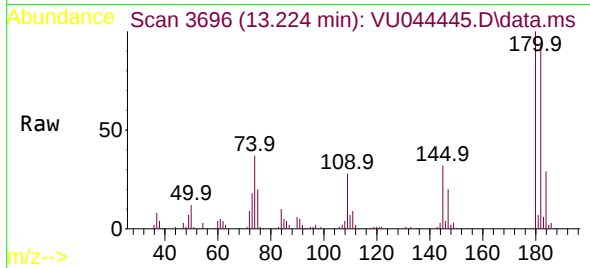




#69
1,3,5-Trichlorobenzene
Concen: 11.045 ug/L
RT: 13.224 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

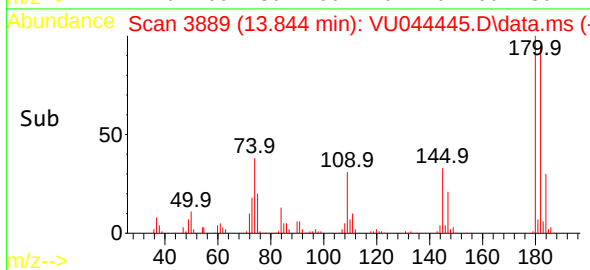
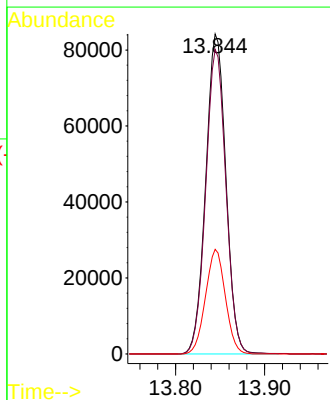
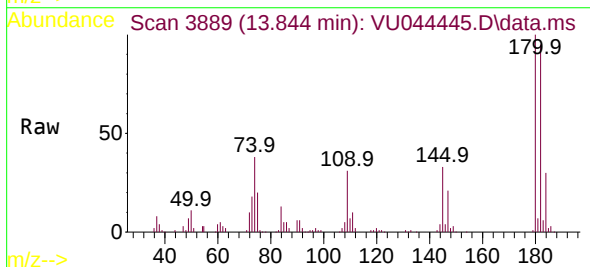
Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

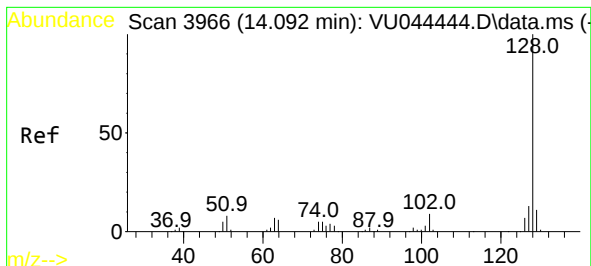
Tgt Ion:180 Resp: 160227
Ion Ratio Lower Upper
180 100
182 93.6 75.0 112.6
184 29.5 24.3 36.5
145 31.6 25.7 38.5



#70
1,2,4-trichlorobenzene
Concen: 11.630 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:180 Resp: 132240
Ion Ratio Lower Upper
180 100
182 95.2 76.0 114.0
145 32.1 26.3 39.5

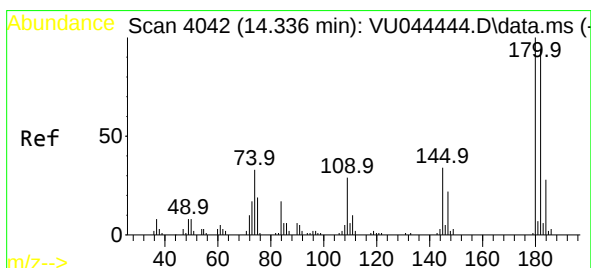
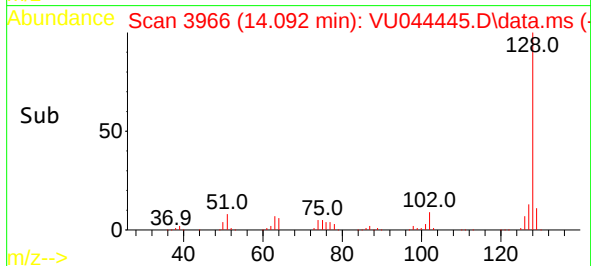
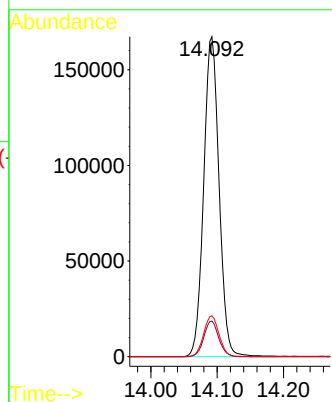
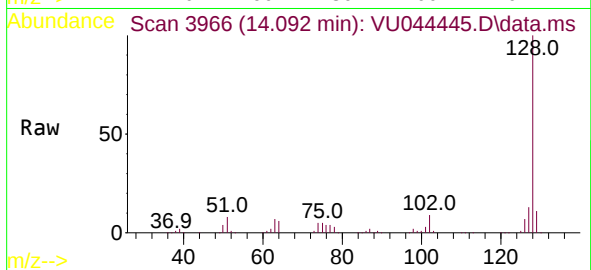




#71
Naphthalene
Concen: 12.443 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Instrument :
MSVOA_U
ClientSampleId :
VSTD010018

Tgt Ion:128 Resp: 269745
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 11.767 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU044445.D
Acq: 18 Aug 2021 12:45

Tgt Ion:180 Resp: 122506
Ion Ratio Lower Upper
180 100
182 95.6 76.4 114.6
145 34.7 27.1 40.7

