

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010522\
 Data File : VU046661.D
 Acq On : 05 Jan 2022 13:05
 Operator : SY/MD
 Sample : VSTD10040
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100040

Quant Time: Jan 06 02:21:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 06 02:19:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	188891	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	181395	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	102304	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	155712	99.628	ug/L	0.00
7) Chloroethane-d5	1.919	69	115712	96.925	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	267285	95.990	ug/L	0.00
21) 2-Butanone-d5	4.646	46	236418	191.645	ug/L	0.00
24) Chloroform-d	5.067	84	269195	102.690	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	173150	98.909	ug/L	0.00
32) Benzene-d6	5.733	84	544549	103.678	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	161887	99.919	ug/L	0.00
41) Toluene-d8	7.900	98	501285	104.994	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.183	79	85628	108.877	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	203161	252.673	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	257811	104.268	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	200027	100.382	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.389	85	163414	82.236	ug/L	99
3) Chloromethane	1.524	50	143581	80.544	ug/L	100
5) Vinyl chloride	1.607	62	155581	85.940	ug/L	99
6) Bromomethane	1.865	94	97189	93.249	ug/L	98
8) Chloroethane	1.942	64	92886	88.637	ug/L	95
9) Trichlorofluoromethane	2.144	101	223978	93.520	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	126309	93.048	ug/L	100
12) 1,1-Dichloroethene	2.585	96	119329	92.582	ug/L	90
13) Acetone	2.662	43	223152	151.597	ug/L	98
14) Carbon disulfide	2.800	76	351833	88.620	ug/L	99
15) Methyl Acetate	2.961	43	145390	82.711	ug/L	99
16) Methylene chloride	3.051	84	137166	88.879	ug/L	99
17) trans-1,2-Dichloroethene	3.360	96	126575	93.041	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	396742	94.714	ug/L	99
19) 1,1-Dichloroethane	3.874	63	225904	91.018	ug/L	99
20) cis-1,2-Dichloroethene	4.672	96	140213	94.668	ug/L	98
22) 2-Butanone	4.723	43	260696	161.552	ug/L	99
23) Bromochloromethane	4.980	128	71207	94.094	ug/L	95
25) Chloroform	5.093	83	251095	91.078	ug/L	100
27) 1,2-Dichloroethane	5.797	62	192035	93.230	ug/L	99
29) Cyclohexane	5.395	56	202084	96.903	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	218681	97.935	ug/L	100
31) Carbon tetrachloride	5.530	117	188871	99.821	ug/L	99
33) Benzene	5.778	78	530291	96.638	ug/L	100
34) Trichloroethene	6.546	95	137139	95.437	ug/L	98
35) Methylcyclohexane	6.768	83	229399	103.002	ug/L	99
37) 1,2-Dichloropropane	6.794	63	133424	93.124	ug/L	100
38) Bromodichloromethane	7.109	83	186871	97.516	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	222132	101.609	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	398945	192.408	ug/L	100
42) Toluene	7.970	91	576542	97.933	ug/L	98
44) trans-1,3-Dichloropropene	8.212	75	215404	101.503	ug/L	98

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 ALS Vial : 5 Sample Multiplier: 1

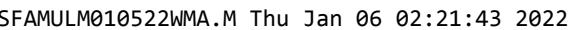
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100040

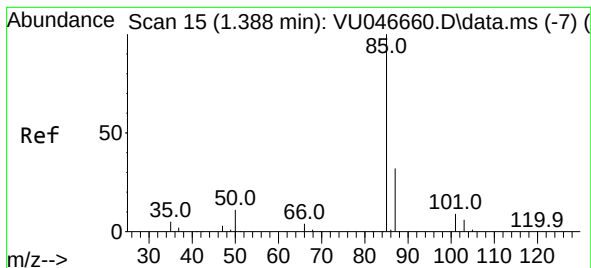
Quant Time: Jan 06 02:21:33 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.401	97	135098	93.531	ug/L	99
46) Tetrachloroethene	8.556	164	105484	99.190	ug/L	98
48) 2-Hexanone	8.691	43	342744	186.567	ug/L	100
49) Dibromochloromethane	8.813	129	152342	100.324	ug/L	100
50) 1,2-Dibromoethane	8.925	107	148209	95.460	ug/L	97
51) Chlorobenzene	9.449	112	360999	94.757	ug/L	99
52) Ethylbenzene	9.572	91	631259	100.338	ug/L	99
53) m,p-Xylene	9.694	106	245711	100.136	ug/L	99
54) o-xylene	10.102	106	237195	99.561	ug/L	100
55) Styrene	10.115	104	421498	103.601	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.784	83	242200	97.268	ug/L	100
59) Bromoform	10.292	173	119265	97.989	ug/L	99
60) 1,2,3-Trichloropropane	10.826	75	199273	88.580	ug/L	99
61) Isopropylbenzene	10.485	105	637399	96.194	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	558301	101.138	ug/L	99
63) 1,2,4-Trimethylbenzene	11.469	105	564581	102.282	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	304715	96.341	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	312091	95.439	ug/L	99
67) 1,2-Dichlorobenzene	12.215	146	305950	95.953	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	62578	102.108	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	238188	102.921	ug/L	99
70) 1,2,4-trichlorobenzene	13.842	180	214068	104.105	ug/L	99
71) Naphthalene	14.086	128	767226	108.262	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	216790	103.602	ug/L	99

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

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#2

Dichlorodifluoromethane

Concen: 82.236 ug/L

RT: 1.389 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

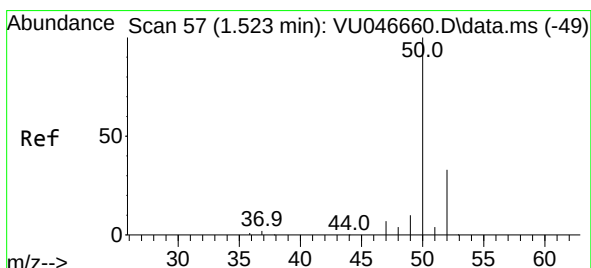
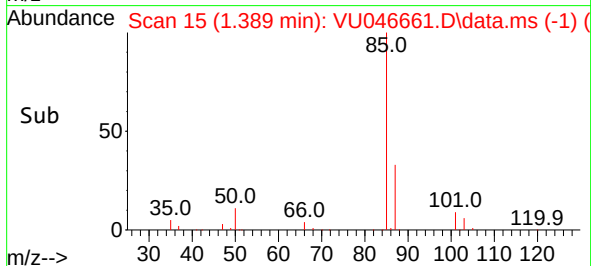
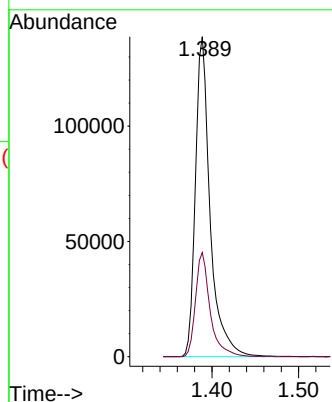
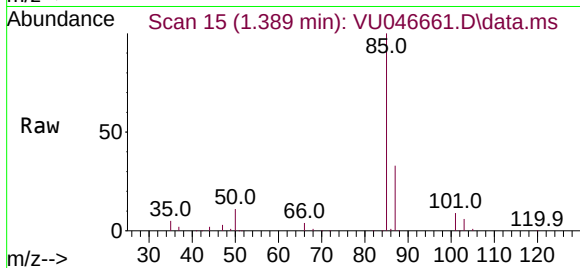
VSTD100040

Tgt Ion: 85 Resp: 163414

Ion Ratio Lower Upper

85 100

87 32.4 25.6 38.4



#3

Chloromethane

Concen: 80.544 ug/L

RT: 1.524 min Scan# 57

Delta R.T. 0.000 min

Lab File: VU046661.D

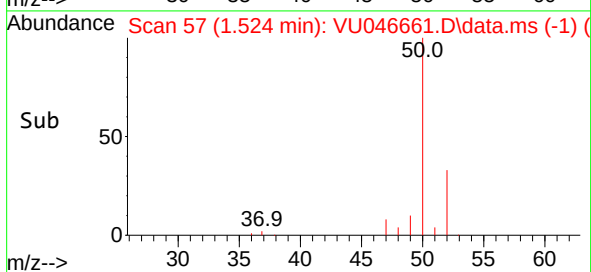
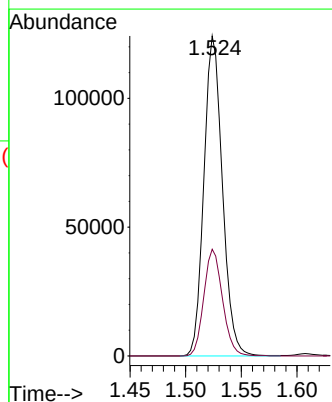
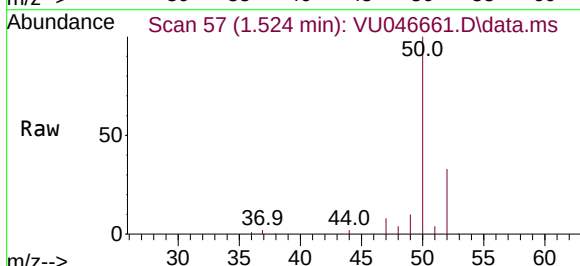
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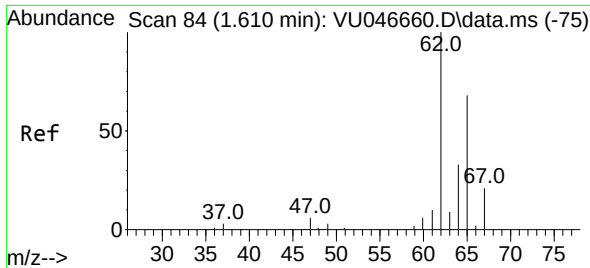
Tgt Ion: 50 Resp: 143581

Ion Ratio Lower Upper

50 100

52 33.3 23.2 43.2

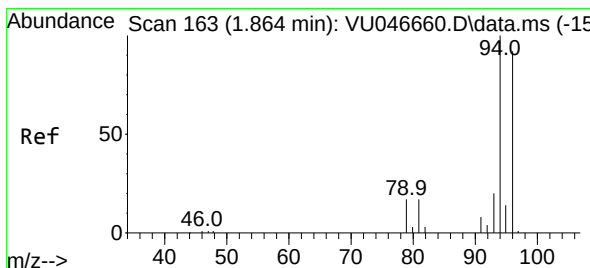
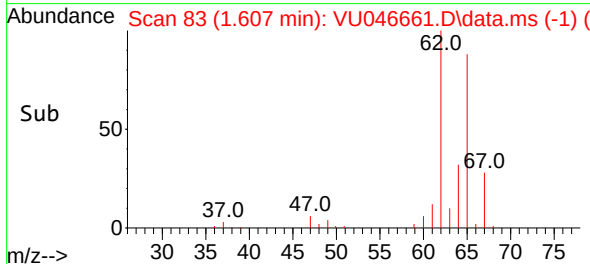
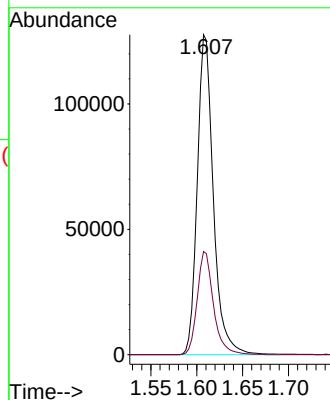
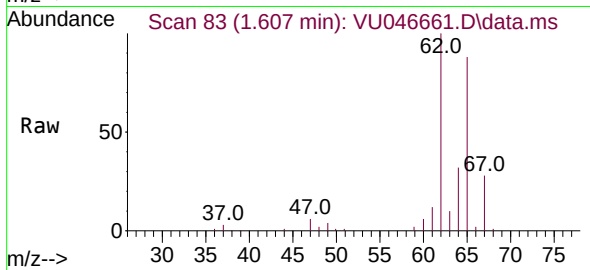




#5
 Vinyl chloride
 Concen: 85.940 ug/L
 RT: 1.607 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VU046661.D
 Acq: 05 Jan 2022 13:05

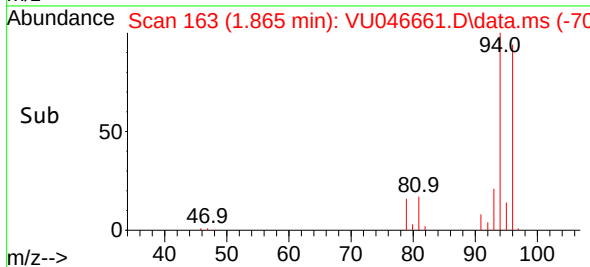
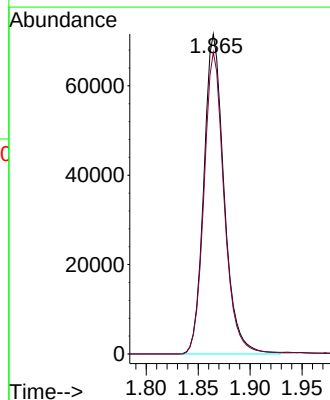
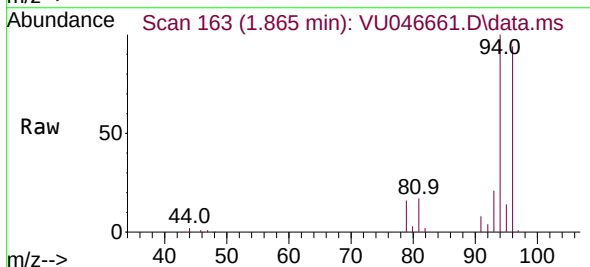
Instrument :
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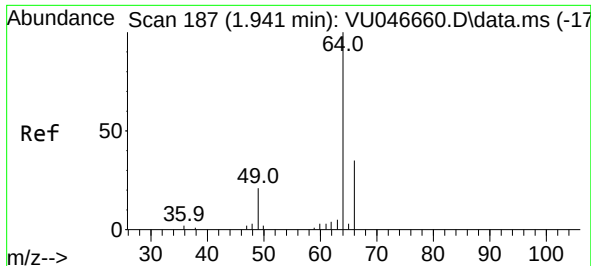
Tgt Ion: 62 Resp: 155581
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.1 42.9



#6
 Bromomethane
 Concen: 93.249 ug/L
 RT: 1.865 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046661.D
 Acq: 05 Jan 2022 13:05

Tgt Ion: 94 Resp: 97189
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.4 119.6

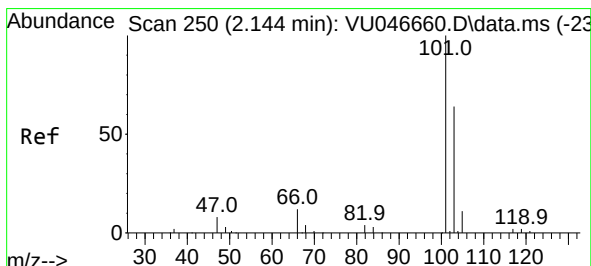
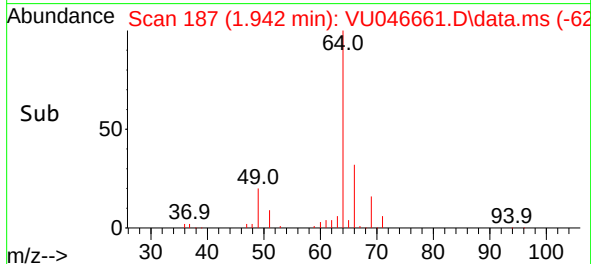
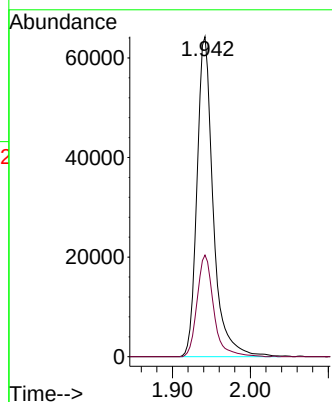
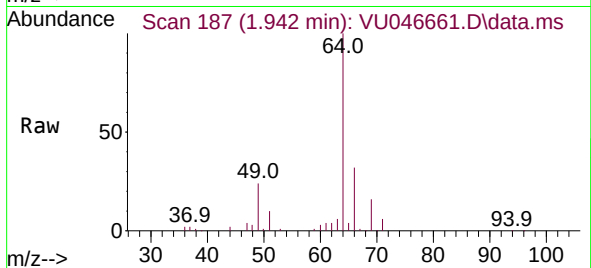




#8
Chloroethane
Concen: 88.637 ug/L
RT: 1.942 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

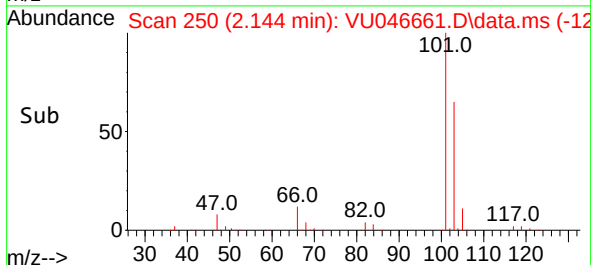
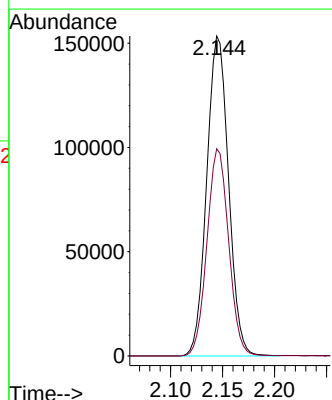
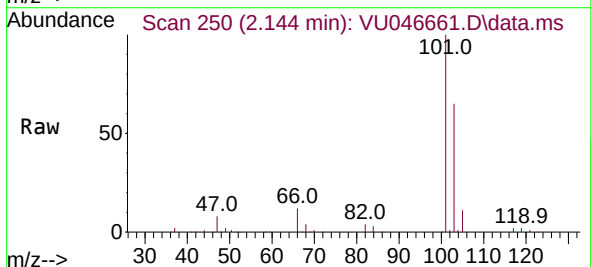
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

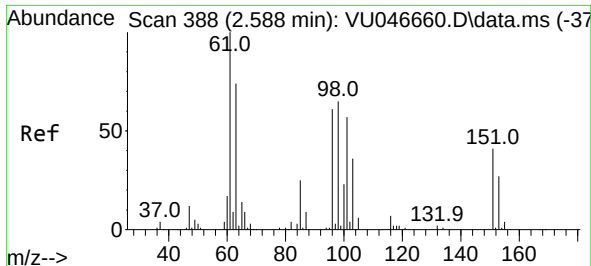
Tgt Ion: 64 Resp: 92886
Ion Ratio Lower Upper
64 100
66 31.8 24.4 45.2



#9
Trichlorofluoromethane
Concen: 93.520 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 101 Resp: 223978
Ion Ratio Lower Upper
101 100
103 64.4 52.0 78.0

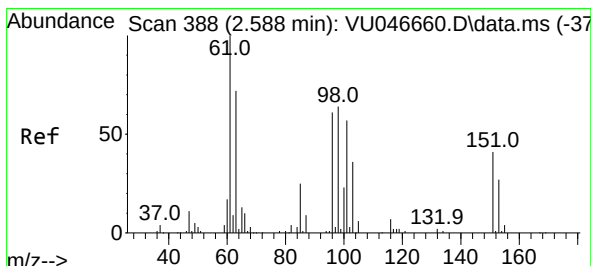
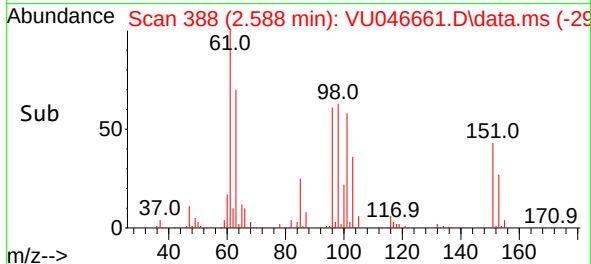
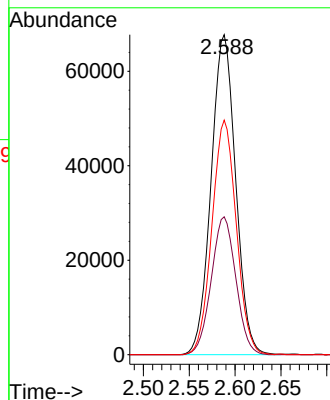
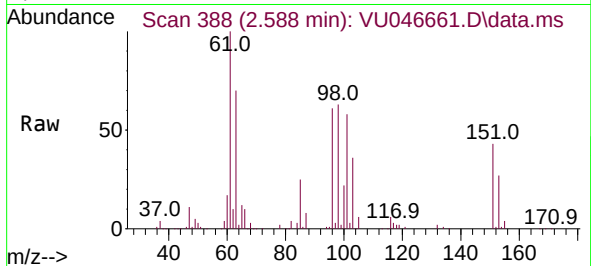




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 93.048 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046661.D
 Acq: 05 Jan 2022 13:05

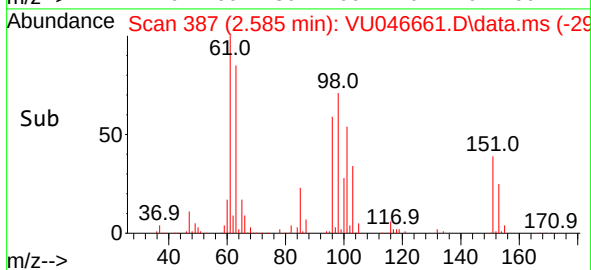
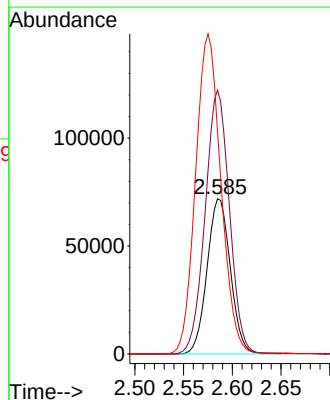
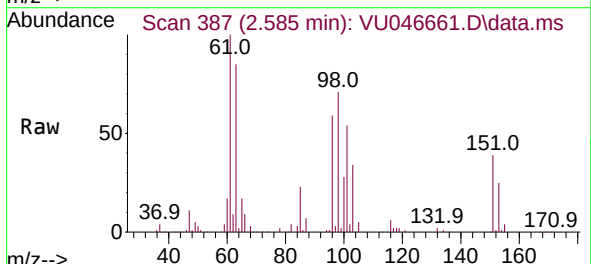
Instrument :
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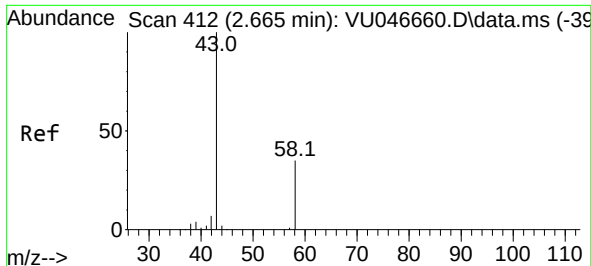
Tgt Ion:101 Resp: 126309
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.9 52.3
 151 72.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 92.582 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046661.D
 Acq: 05 Jan 2022 13:05

Tgt Ion: 96 Resp: 119329
 Ion Ratio Lower Upper
 96 100
 61 170.0 114.9 213.3
 63 143.9 86.0 159.8





#13

Acetone

Concen: 151.597 ug/L

RT: 2.662 min Scan# 411

Delta R.T. -0.003 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

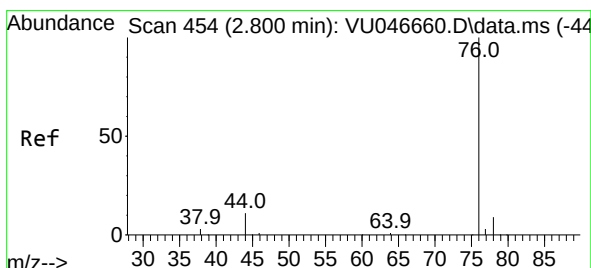
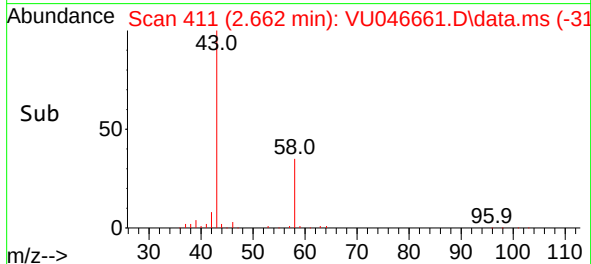
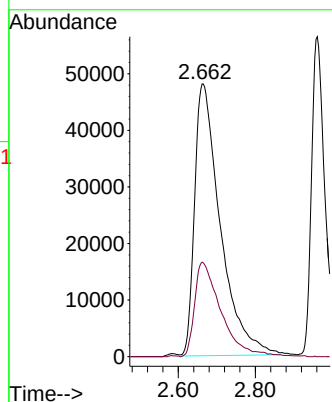
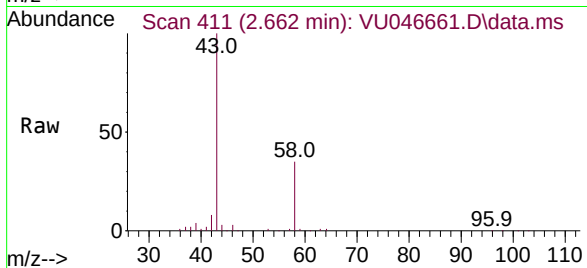
VSTD100040

Tgt Ion: 43 Resp: 223152

Ion Ratio Lower Upper

43 100

58 34.3 0.0 71.0



#14

Carbon disulfide

Concen: 88.620 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046661.D

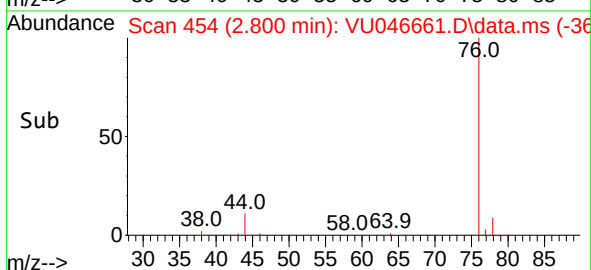
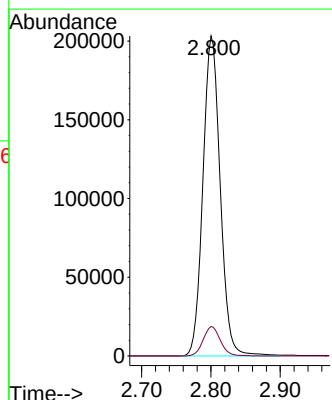
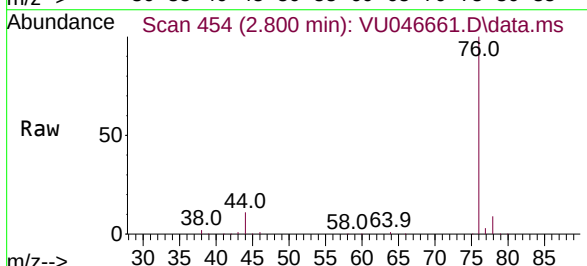
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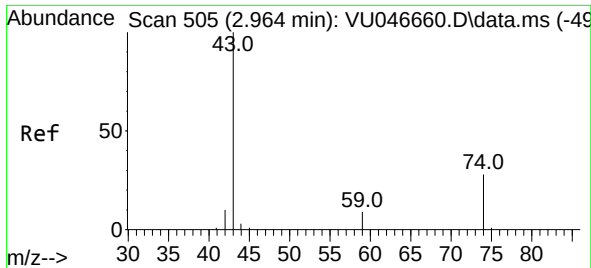
Tgt Ion: 76 Resp: 351833

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

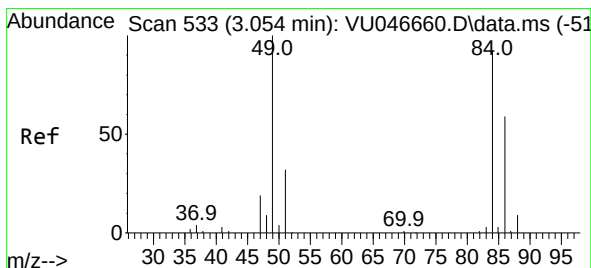
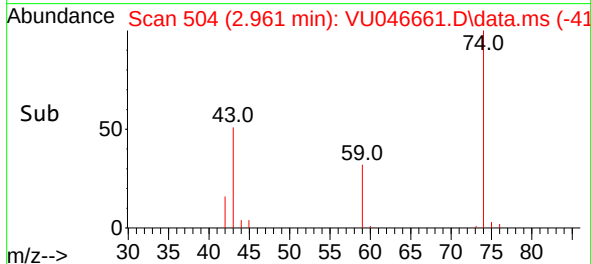
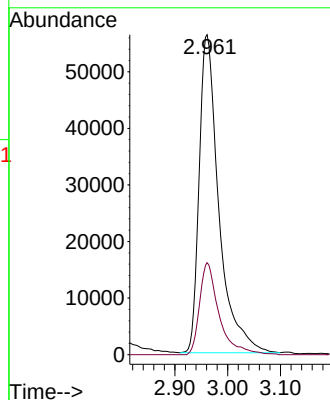
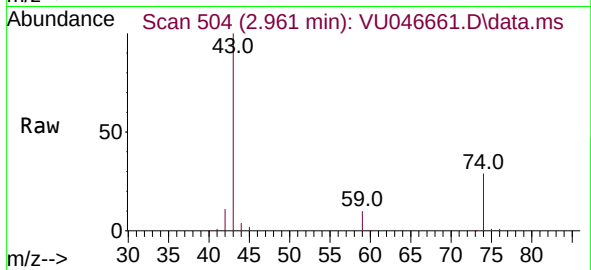




#15
Methyl Acetate
Concen: 82.711 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

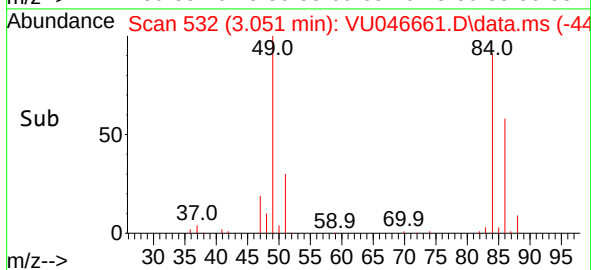
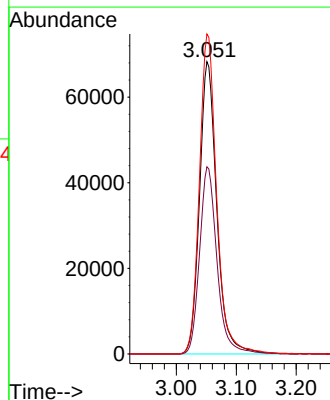
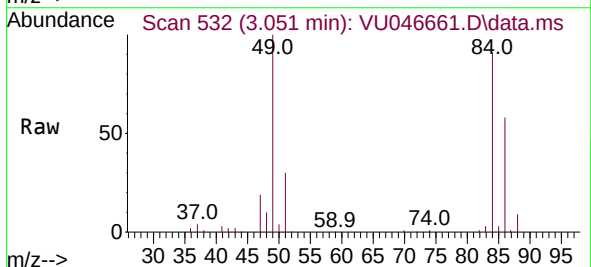
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ClientSampleId :
VSTD100040

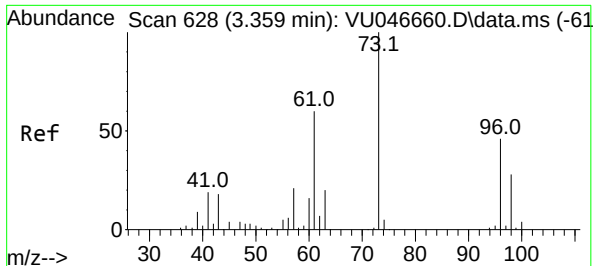
Tgt Ion: 43 Resp: 145390
Ion Ratio Lower Upper
43 100
74 28.6 22.3 33.5



#16
Methylene chloride
Concen: 88.879 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 84 Resp: 137166
Ion Ratio Lower Upper
84 100
86 64.0 44.7 82.9
49 109.5 75.9 141.1





#17

trans-1,2-Dichloroethene

Concen: 93.041 ug/L

RT: 3.360 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD100040

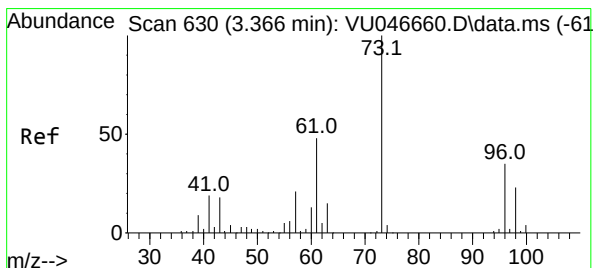
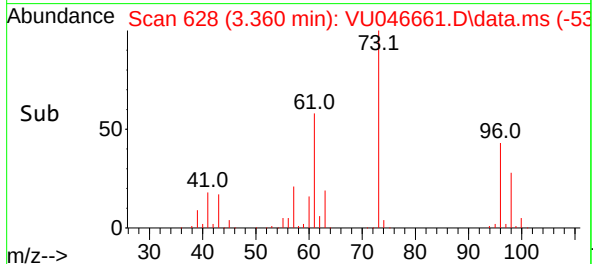
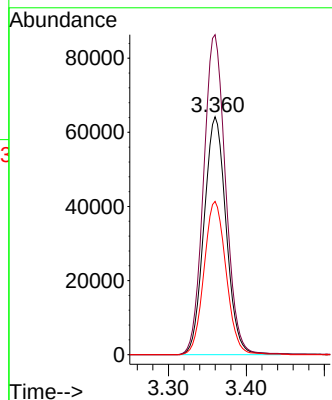
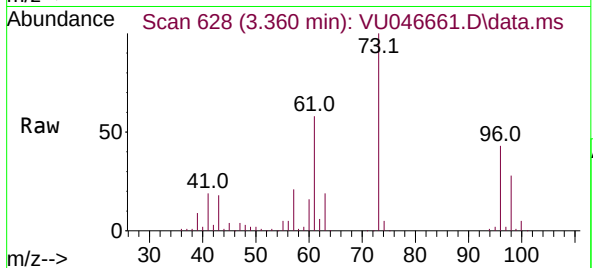
Tgt Ion: 96 Resp: 126575

Ion Ratio Lower Upper

96 100

61 134.5 92.5 171.9

98 64.4 42.4 78.6



#18

Methyl tert-butyl Ether

Concen: 94.714 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

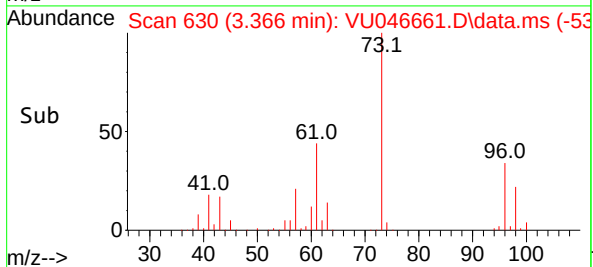
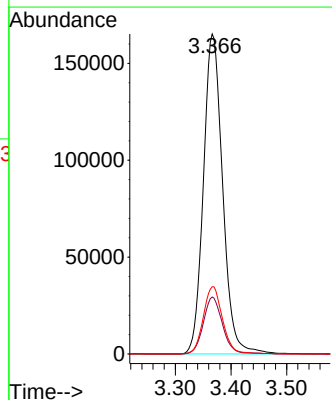
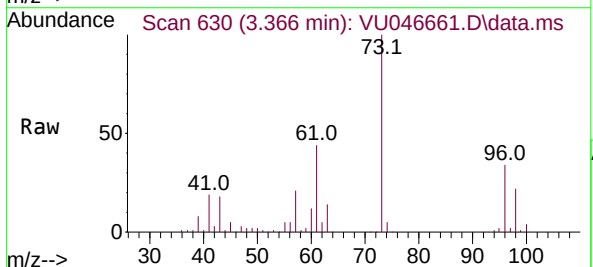
Tgt Ion: 73 Resp: 396742

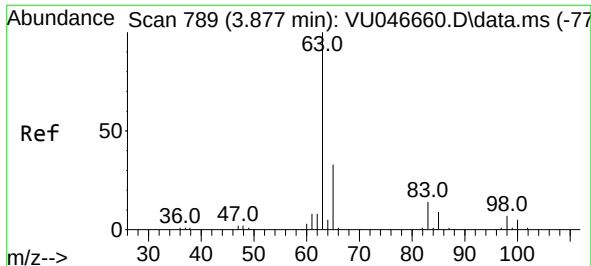
Ion Ratio Lower Upper

73 100

43 17.5 14.1 21.1

57 20.9 16.4 24.6





#19

1,1-Dichloroethane

Concen: 91.018 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD100040

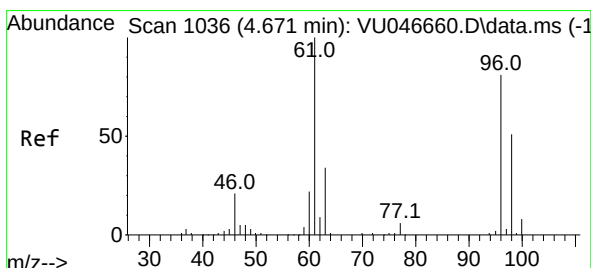
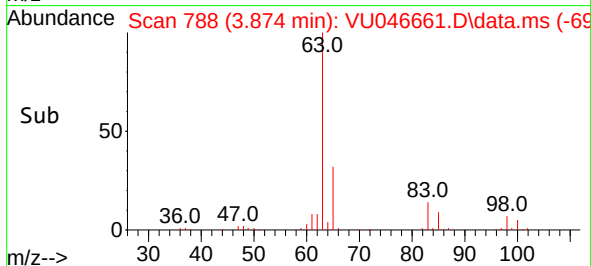
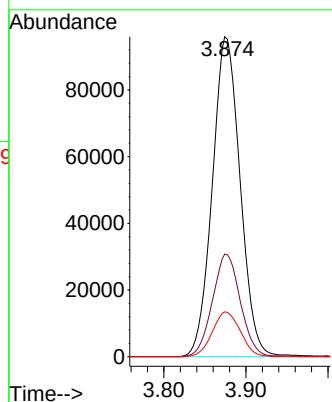
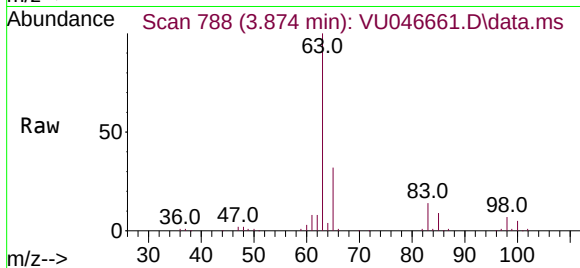
Tgt Ion: 63 Resp: 225904

Ion Ratio Lower Upper

63 100

65 32.1 22.8 42.4

83 14.0 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 94.668 ug/L

RT: 4.672 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

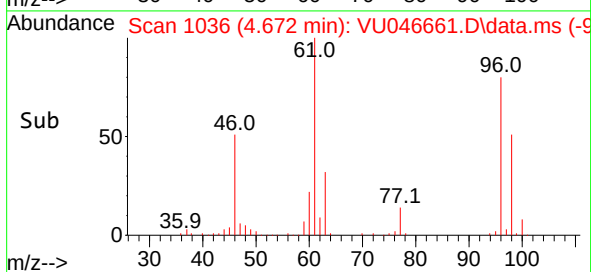
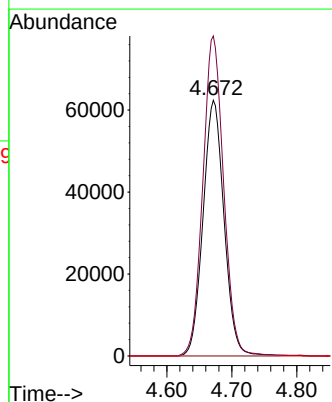
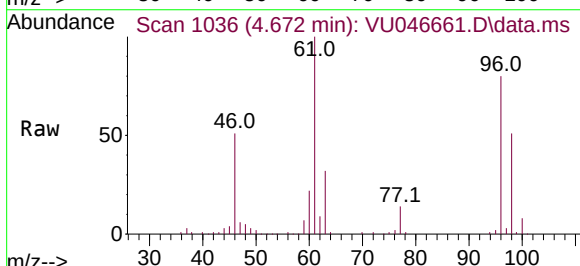
Tgt Ion: 96 Resp: 140213

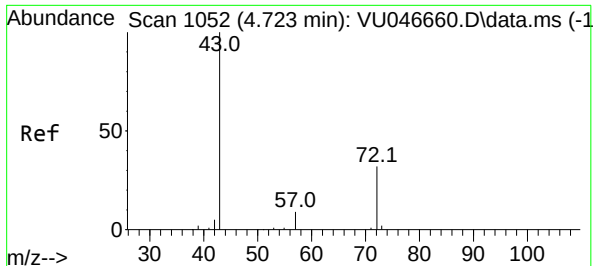
Ion Ratio Lower Upper

96 100

61 125.1 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 161.552 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

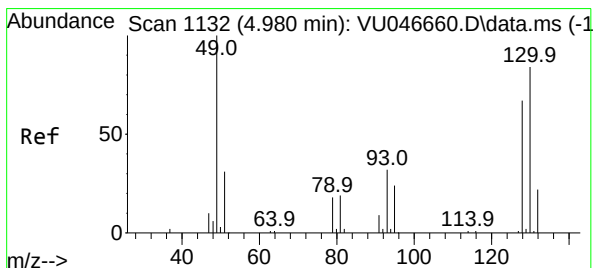
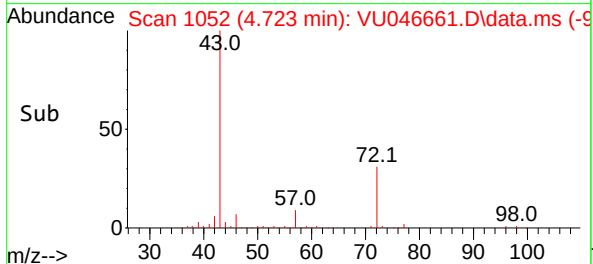
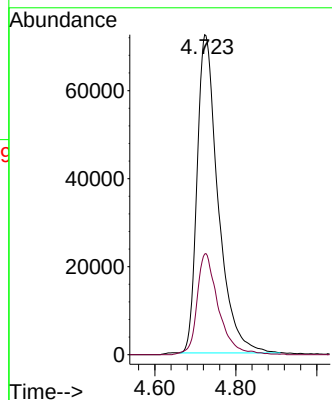
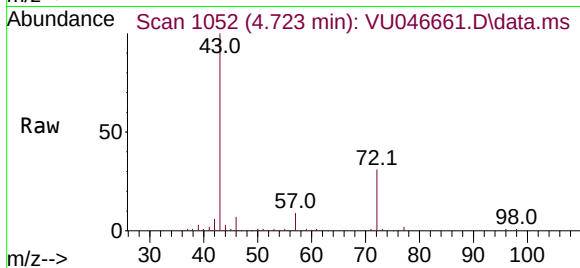
VSTD100040

Tgt Ion: 43 Resp: 260696

Ion Ratio Lower Upper

43 100

72 31.7 15.6 46.8



#23

Bromochloromethane

Concen: 94.094 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Tgt Ion: 128 Resp: 71207

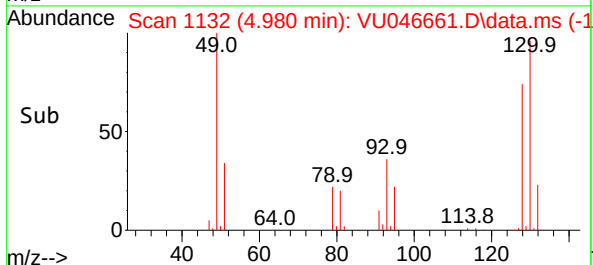
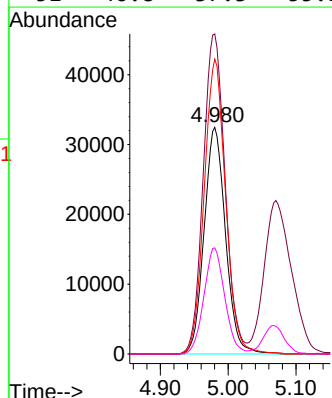
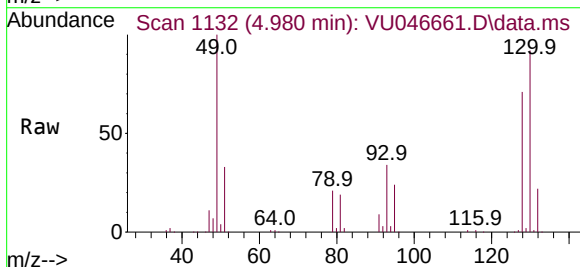
Ion Ratio Lower Upper

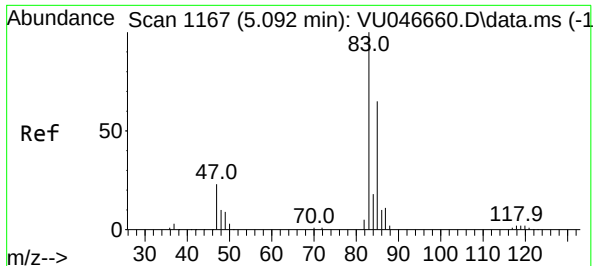
128 100

49 141.2 105.4 195.8

130 130.1 88.7 164.7

51 46.8 37.3 55.9

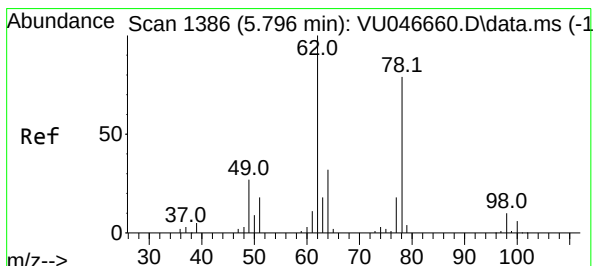
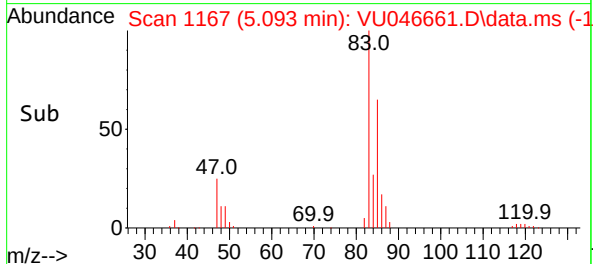
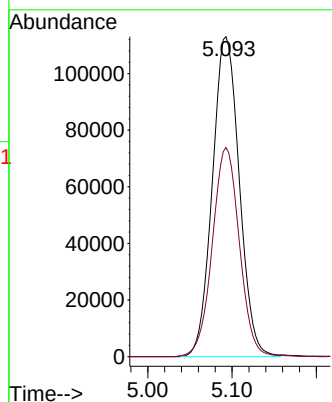
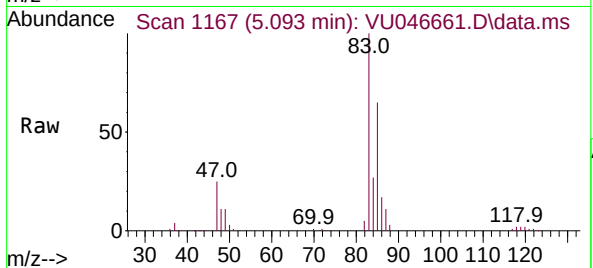




#25
Chloroform
Concen: 91.078 ug/L
RT: 5.093 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

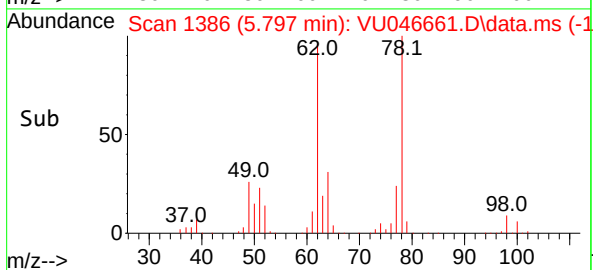
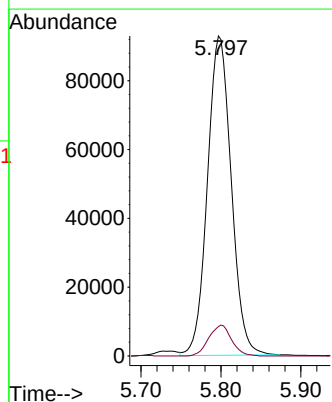
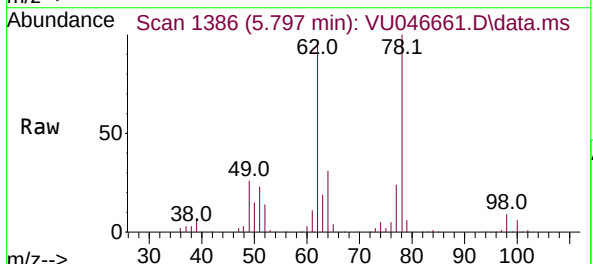
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

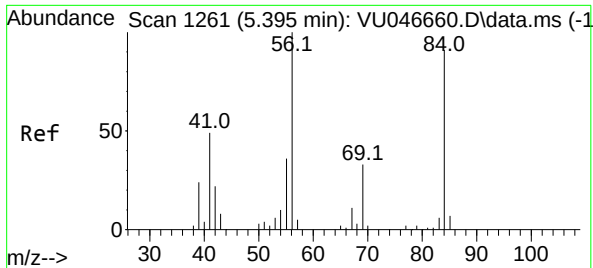
Tgt Ion: 83 Resp: 251095
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 93.230 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 62 Resp: 192035
Ion Ratio Lower Upper
62 100
98 9.2 7.7 11.5

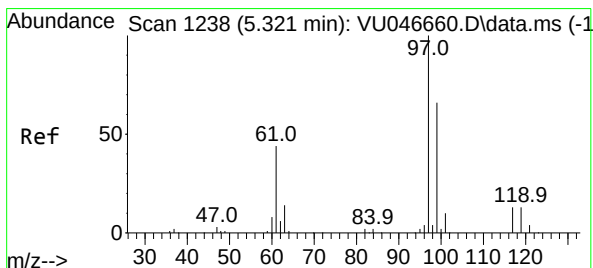
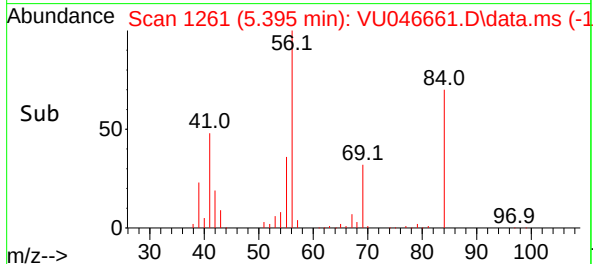
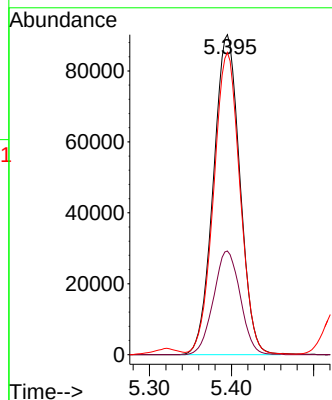
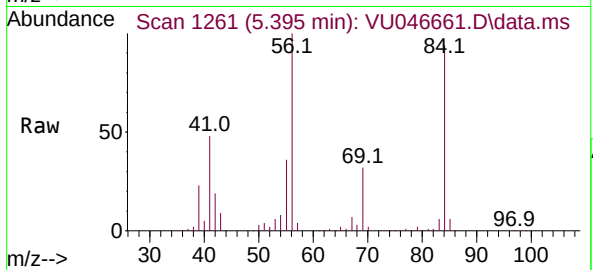




#29
Cyclohexane
Concen: 96.903 ug/L
RT: 5.395 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

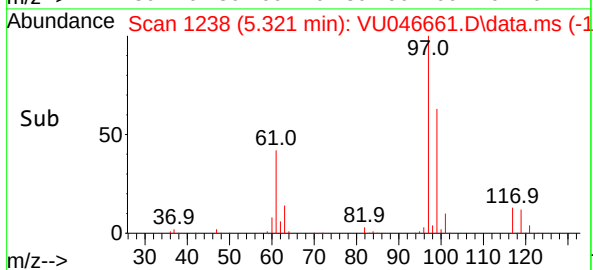
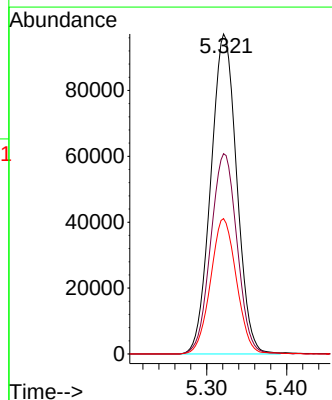
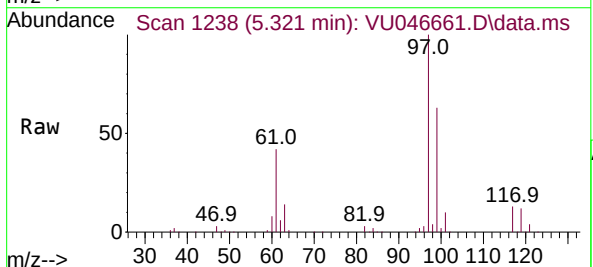
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

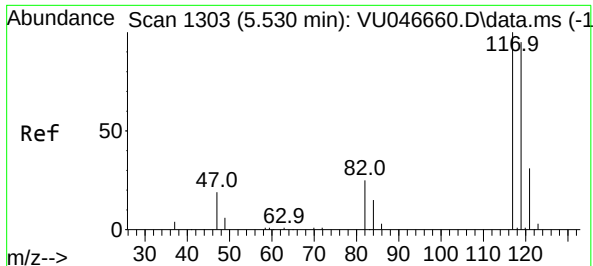
Tgt Ion: 56 Resp: 202084
Ion Ratio Lower Upper
56 100
69 32.8 25.8 38.6
84 94.3 74.2 111.2



#30
1,1,1-Trichloroethane
Concen: 97.935 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 97 Resp: 218681
Ion Ratio Lower Upper
97 100
99 63.7 51.1 76.7
61 42.3 34.1 51.1

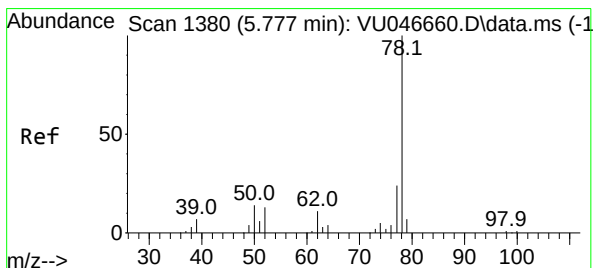
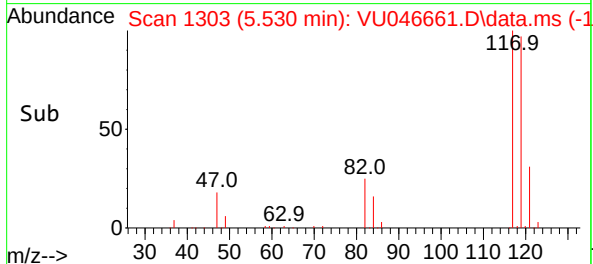
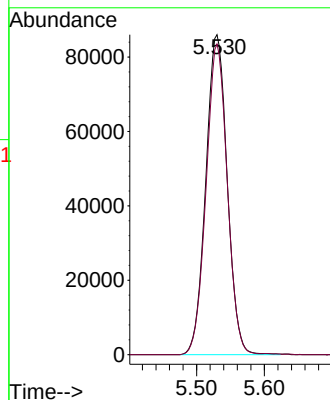
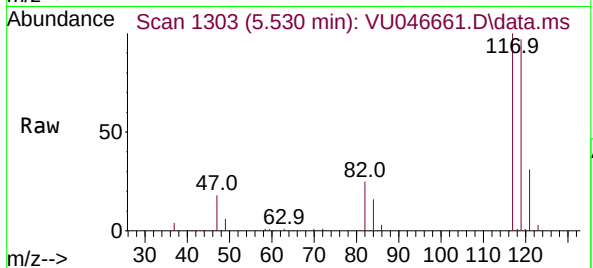




#31
Carbon tetrachloride
Concen: 99.821 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

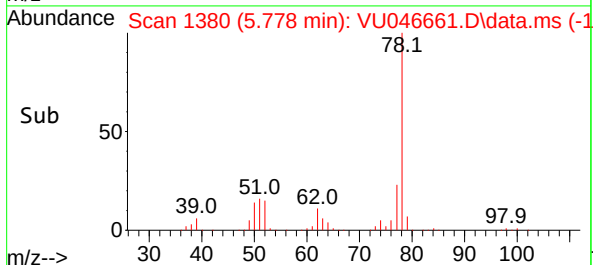
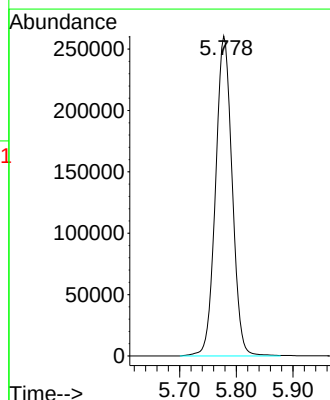
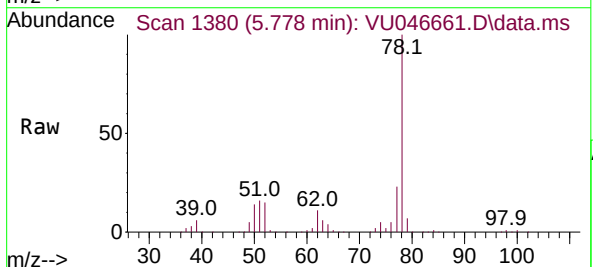
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

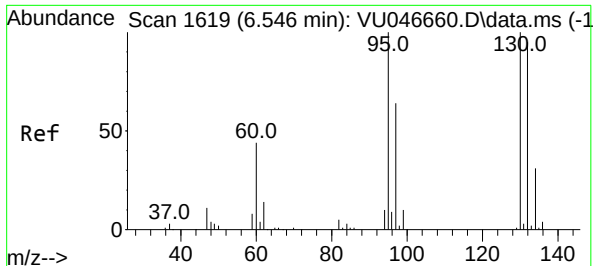
Tgt Ion:117 Resp: 188871
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3



#33
Benzene
Concen: 96.638 ug/L
RT: 5.778 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 78 Resp: 530291

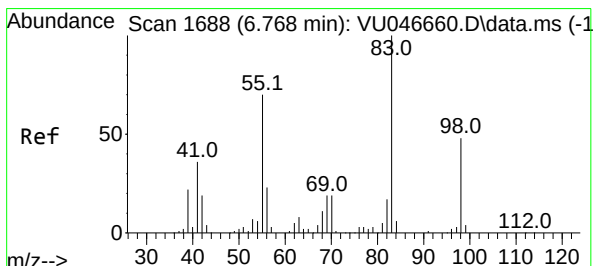
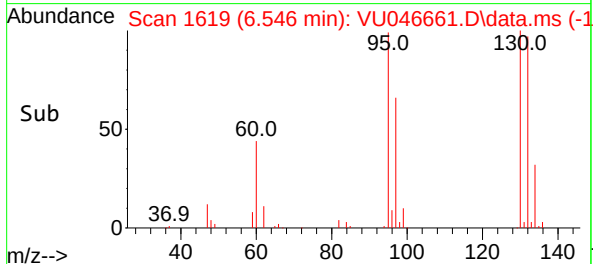
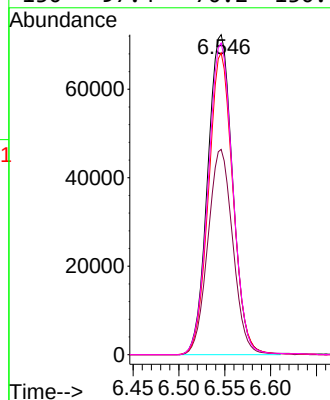
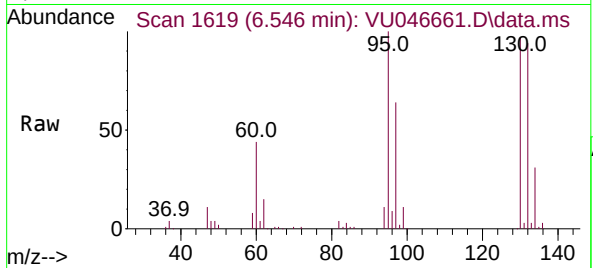




#34
Trichloroethene
Concen: 95.437 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

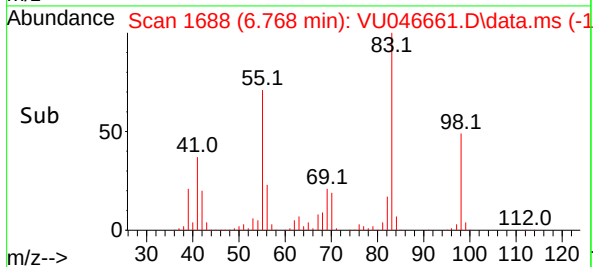
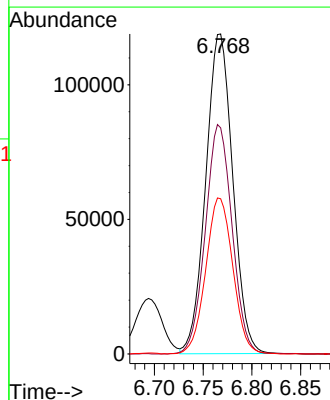
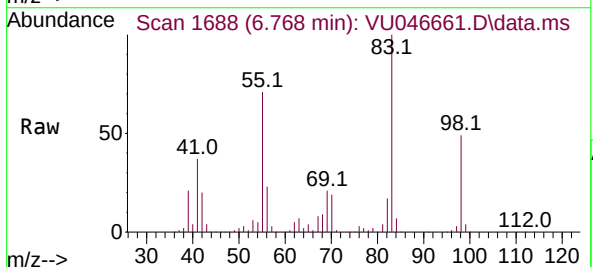
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

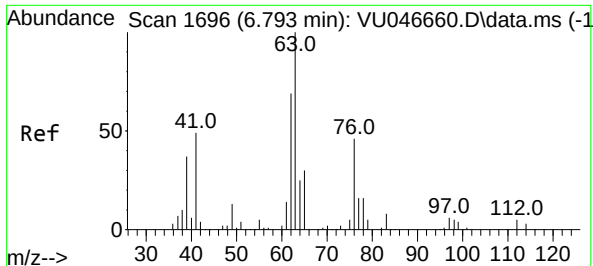
Tgt Ion: 95 Resp: 137139
Ion Ratio Lower Upper
95 100
97 64.1 45.1 83.7
132 94.3 66.7 123.9
130 97.4 70.2 130.4



#35
Methylcyclohexane
Concen: 103.002 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 83 Resp: 229399
Ion Ratio Lower Upper
83 100
55 71.0 56.6 85.0
98 49.0 38.4 57.6





#37

1,2-Dichloropropane

Concen: 93.124 ug/L

RT: 6.794 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

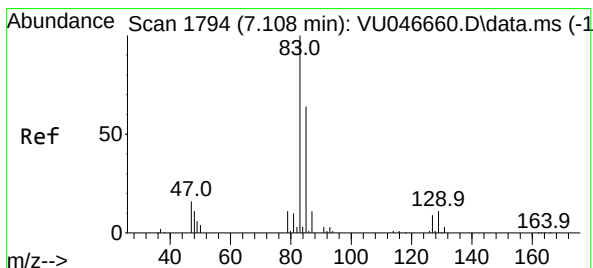
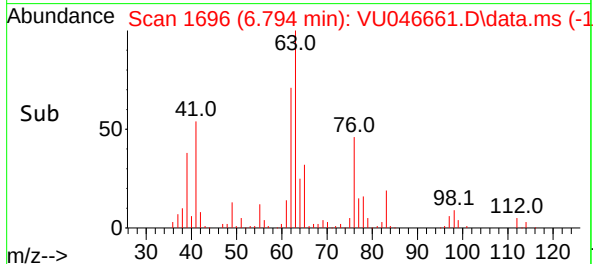
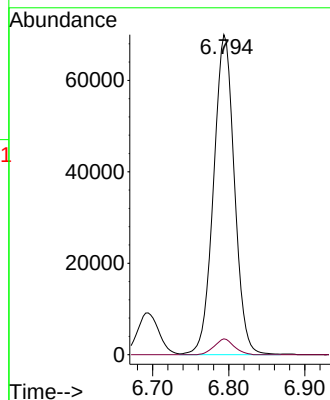
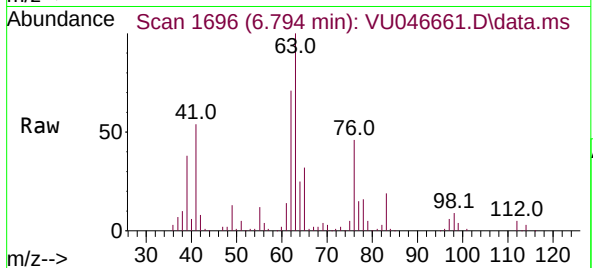
VSTD100040

Tgt Ion: 63 Resp: 133424

Ion Ratio Lower Upper

63 100

112 4.7 3.7 5.5



#38

Bromodichloromethane

Concen: 97.516 ug/L

RT: 7.109 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

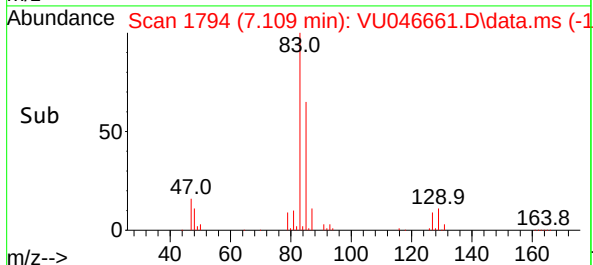
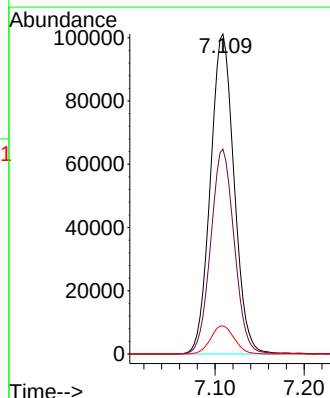
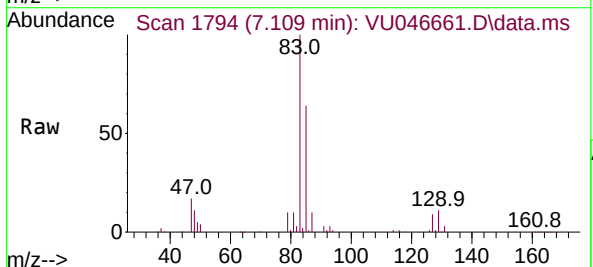
Tgt Ion: 83 Resp: 186871

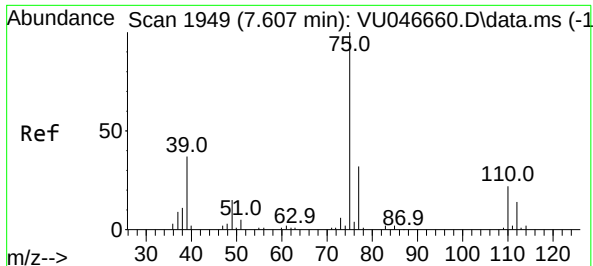
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 101.609 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.004 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

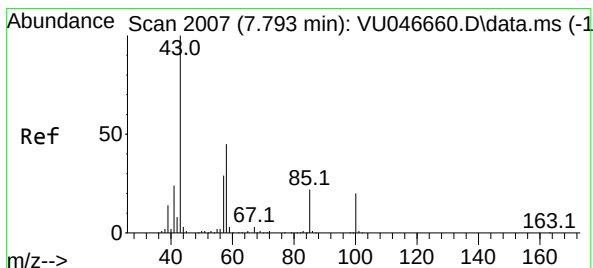
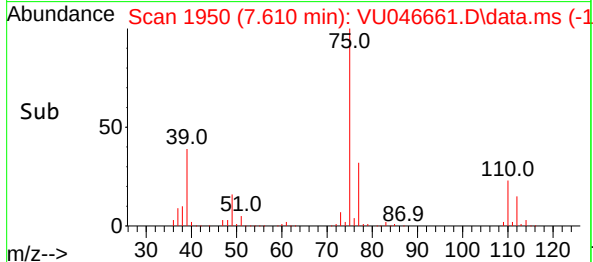
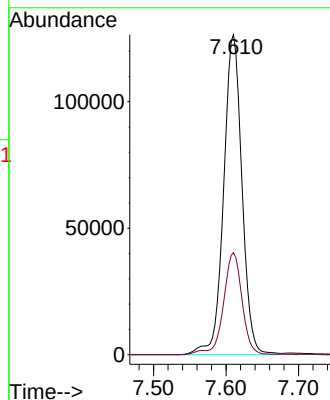
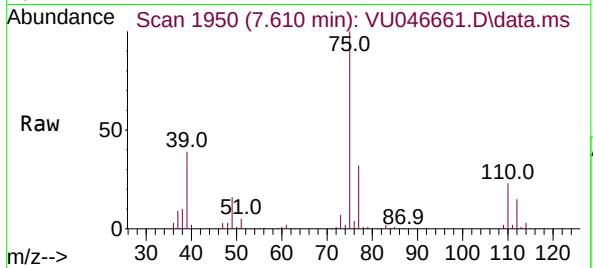
VSTD100040

Tgt Ion: 75 Resp: 222132

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 192.408 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. 0.004 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

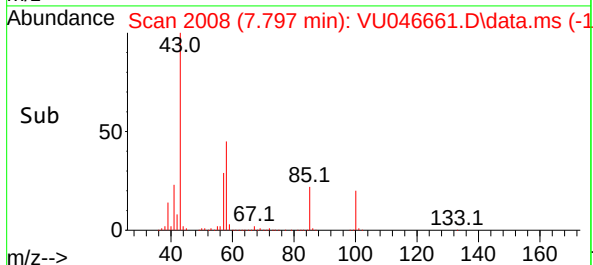
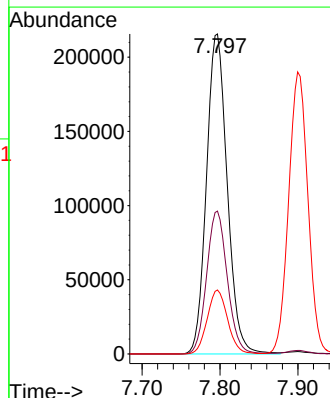
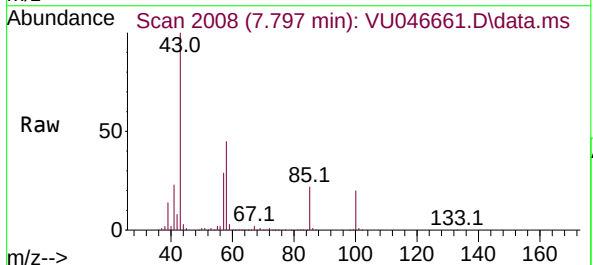
Tgt Ion: 43 Resp: 398945

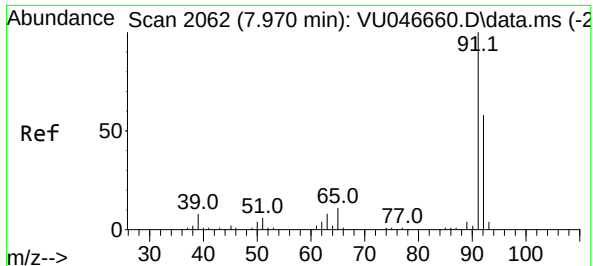
Ion Ratio Lower Upper

43 100

58 44.6 35.8 53.8

100 19.7 15.7 23.5





#42

Toluene

Concen: 97.933 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

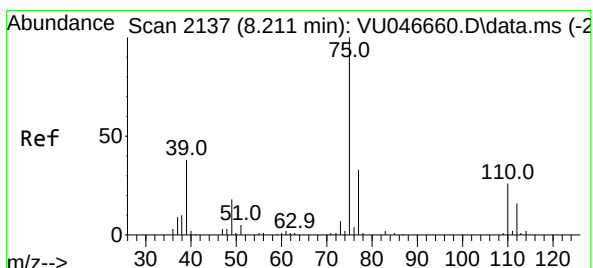
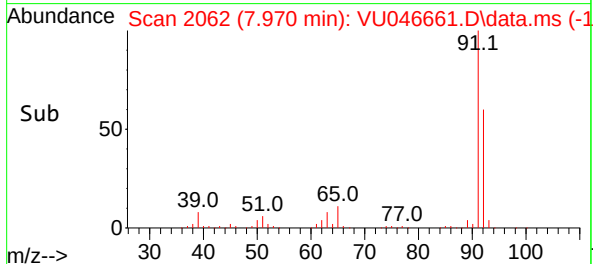
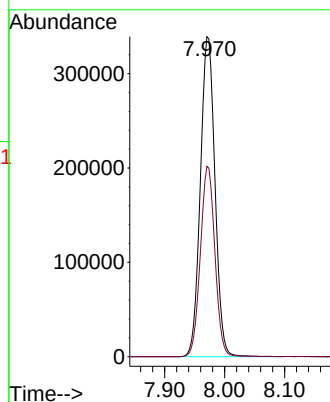
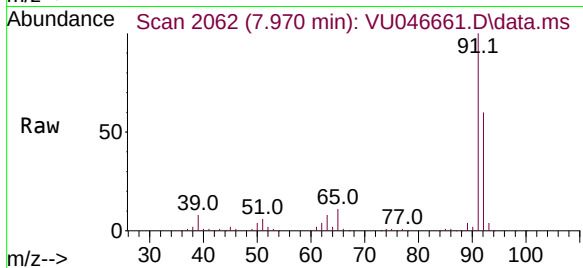
VSTD100040

Tgt Ion: 91 Resp: 576542

Ion Ratio Lower Upper

91 100

92 59.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 101.503 ug/L

RT: 8.212 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046661.D

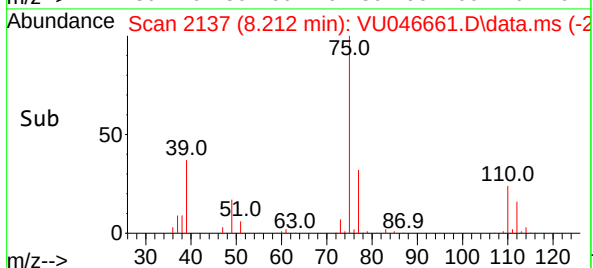
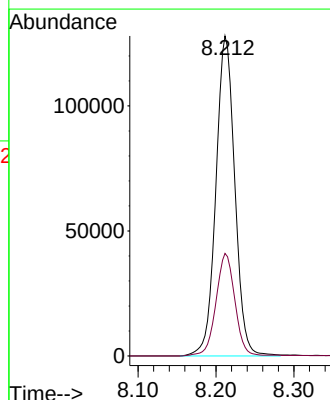
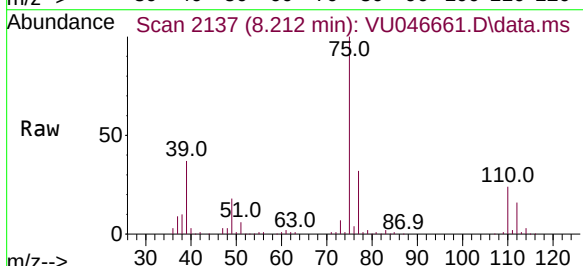
Acq: 05 Jan 2022 13:05

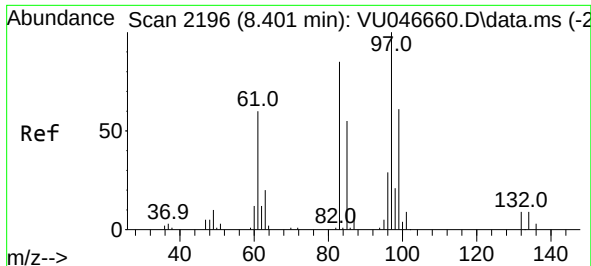
Tgt Ion: 75 Resp: 215404

Ion Ratio Lower Upper

75 100

77 32.0 23.0 42.8



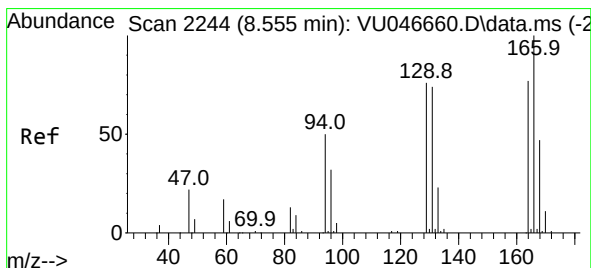
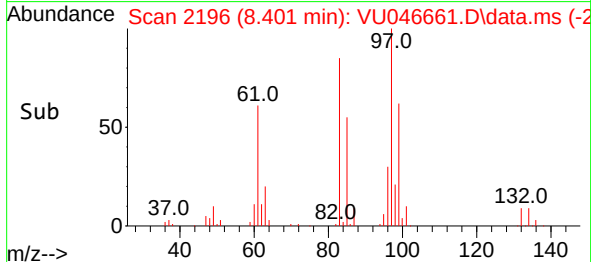
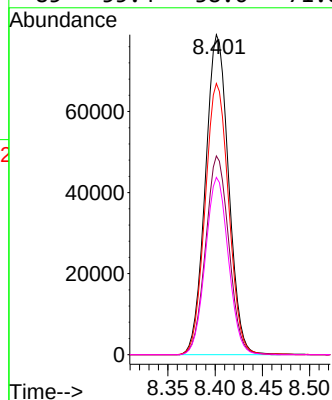
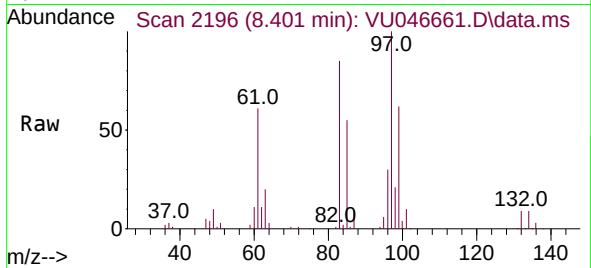


#45
1,1,2-Trichloroethane
Concen: 93.531 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

Tgt Ion: 97 Resp: 135098

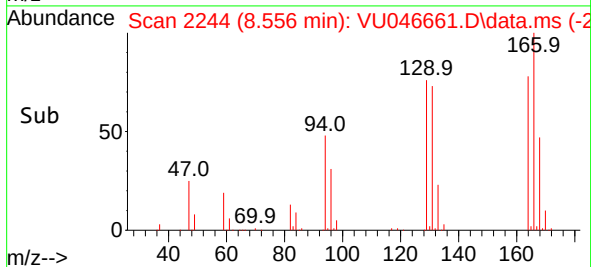
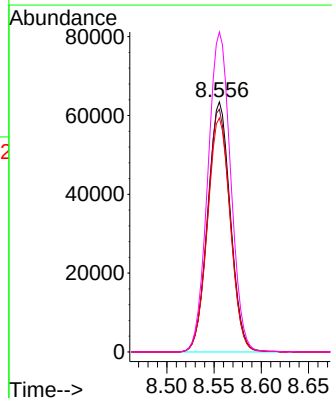
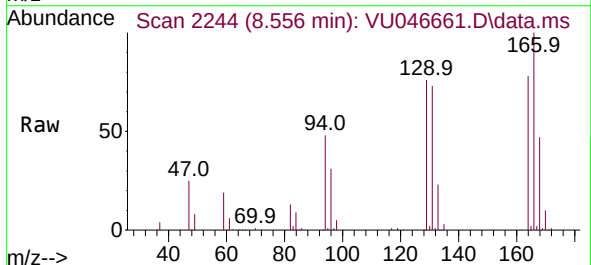
Ion	Ratio	Lower	Upper
97	100		
99	62.1	42.4	78.8
83	84.7	59.4	110.4
85	55.4	38.6	71.8

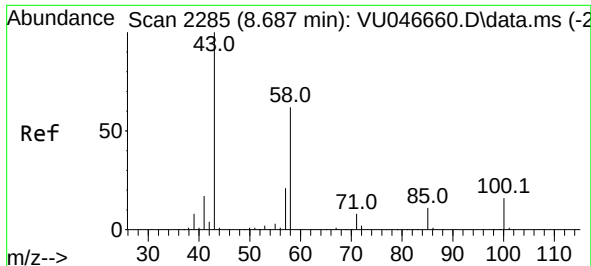


#46
Tetrachloroethene
Concen: 99.190 ug/L
RT: 8.556 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 164 Resp: 105484

Ion	Ratio	Lower	Upper
164	100		
129	97.0	69.5	129.1
131	93.6	67.0	124.4
166	127.9	90.6	168.2

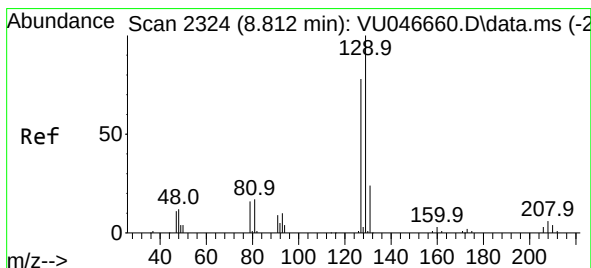
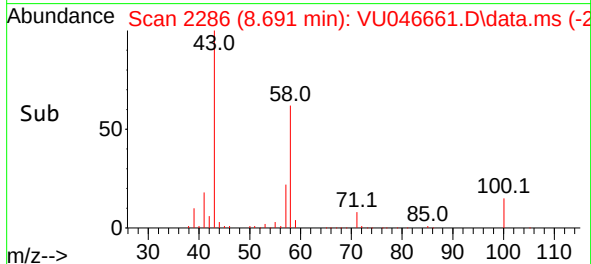
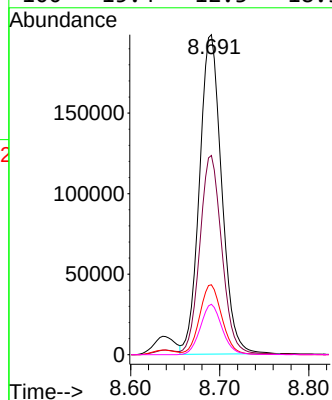
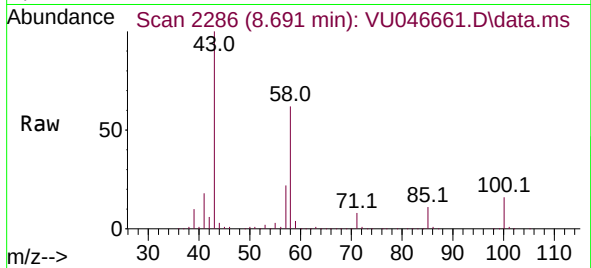




#48
2-Hexanone
Concen: 186.567 ug/L
RT: 8.691 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

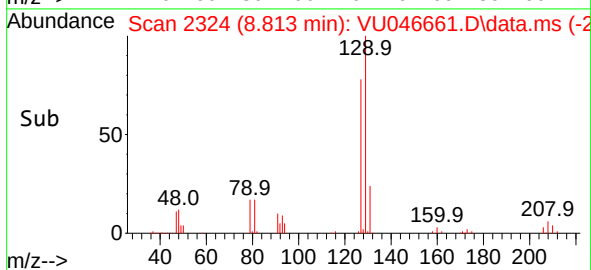
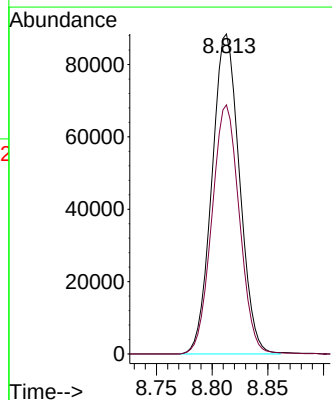
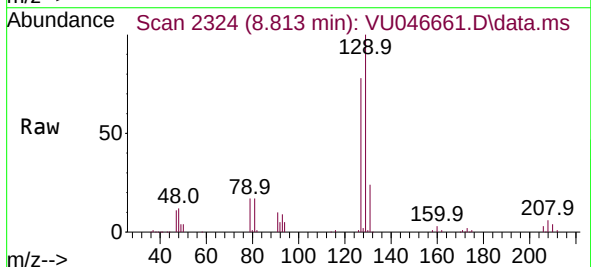
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

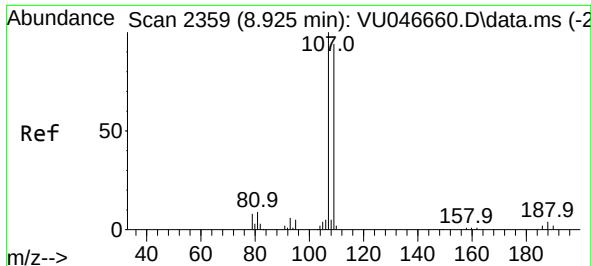
Tgt Ion: 43	Resp: 342744
Ion Ratio	Lower Upper
43 100	
58 62.3	49.4 74.2
57 22.0	17.5 26.3
100 15.4	12.3 18.5



#49
Dibromochloromethane
Concen: 100.324 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion:129	Resp: 152342
Ion Ratio	Lower Upper
129 100	
127 77.9	54.5 101.3

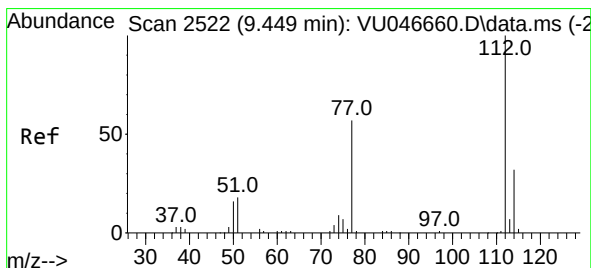
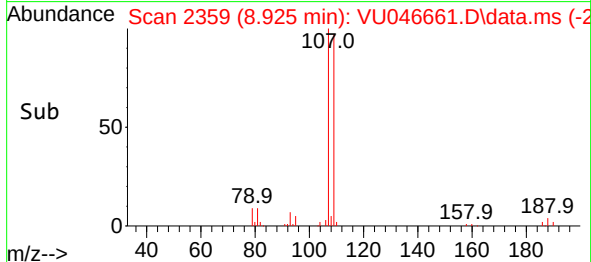
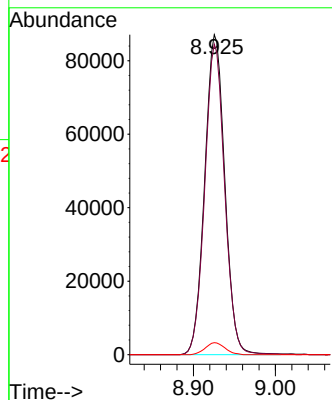
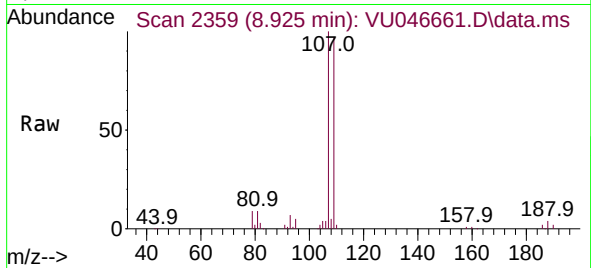




#50
1,2-Dibromoethane
Concen: 95.460 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

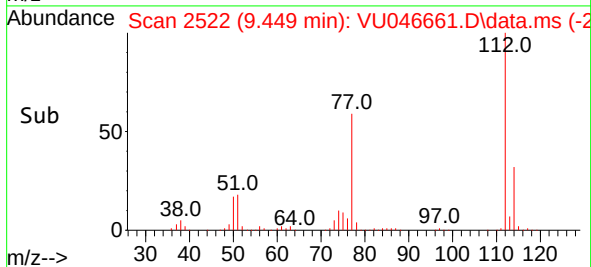
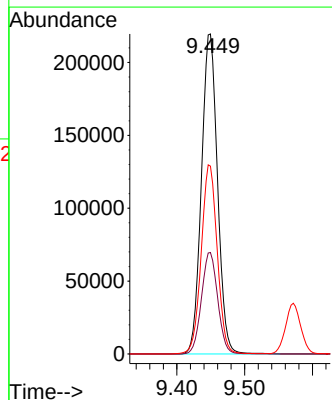
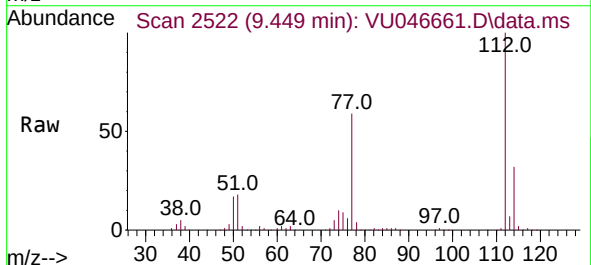
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

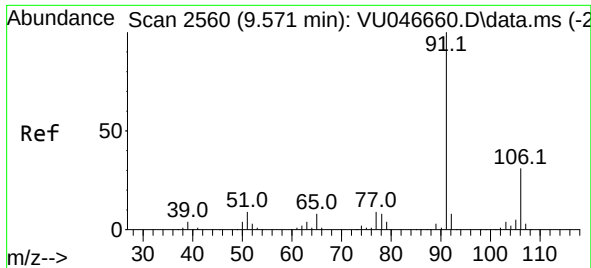
Tgt Ion:107 Resp: 148209
Ion Ratio Lower Upper
107 100
109 97.0 65.6 121.8
188 3.8 3.1 4.7



#51
Chlorobenzene
Concen: 94.757 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion:112 Resp: 360999
Ion Ratio Lower Upper
112 100
114 31.7 22.1 41.1
77 58.7 46.5 69.7

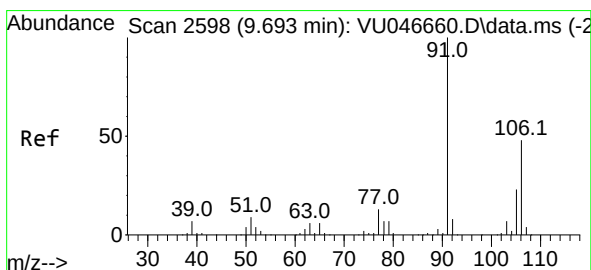
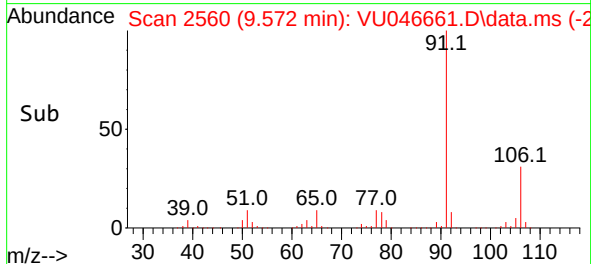
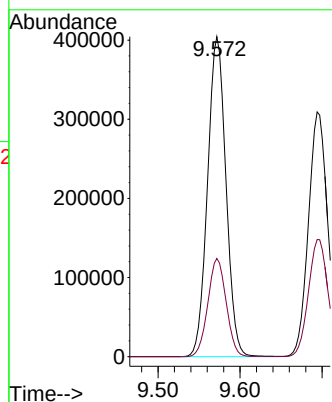
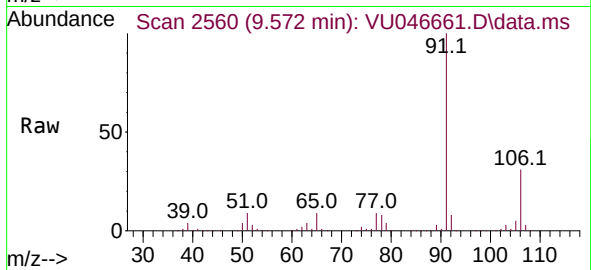




#52
Ethylbenzene
Concen: 100.338 ug/L
RT: 9.572 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

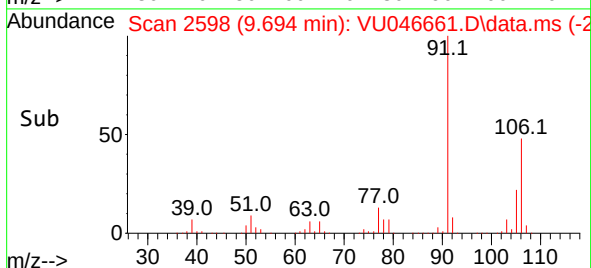
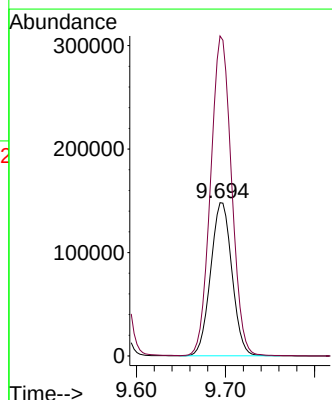
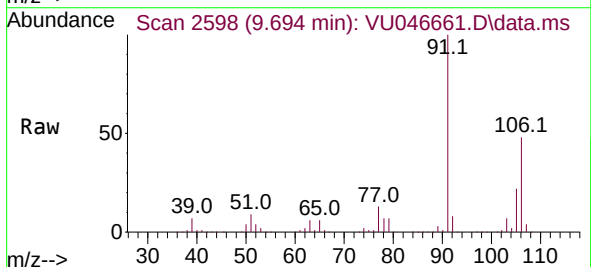
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

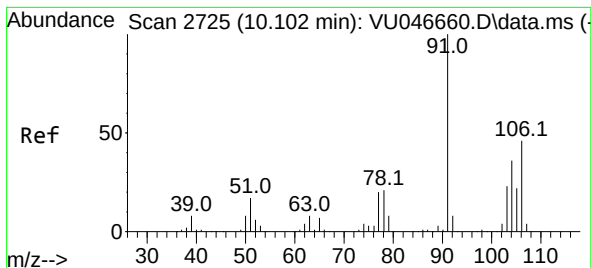
Tgt Ion: 91 Resp: 631259
Ion Ratio Lower Upper
91 100
106 30.7 21.8 40.4



#53
m,p-Xylene
Concen: 100.136 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 106 Resp: 245711
Ion Ratio Lower Upper
106 100
91 208.9 145.5 270.1





#54

o-xylene

Concen: 99.561 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

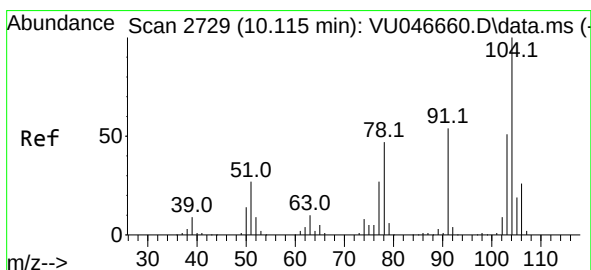
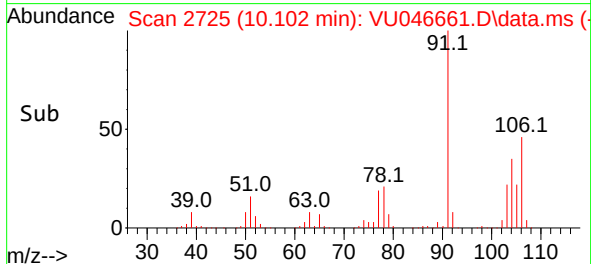
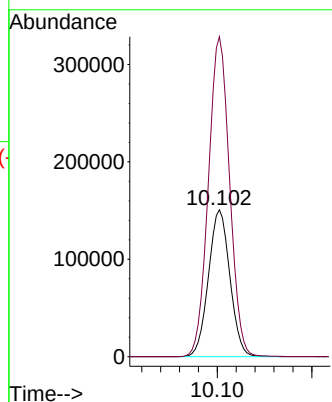
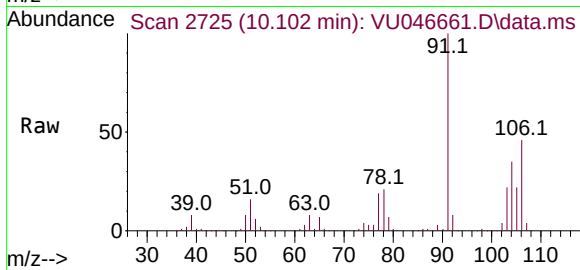
VSTD100040

Tgt Ion:106 Resp: 237195

Ion Ratio Lower Upper

106 100

91 217.8 152.0 282.2



#55

Styrene

Concen: 103.601 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU046661.D

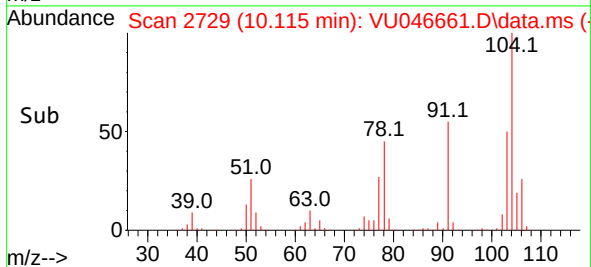
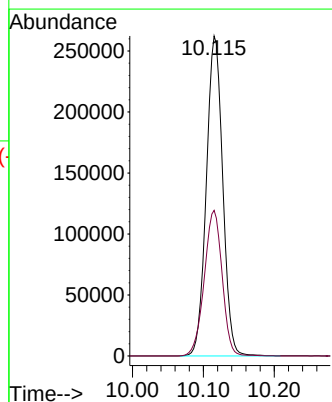
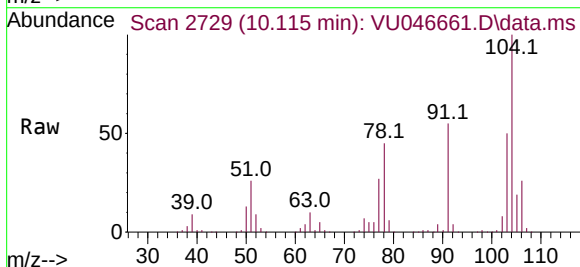
Acq: 05 Jan 2022 13:05

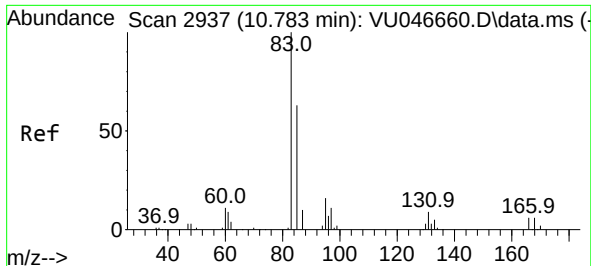
Tgt Ion:104 Resp: 421498

Ion Ratio Lower Upper

104 100

78 45.5 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 97.268 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD100040

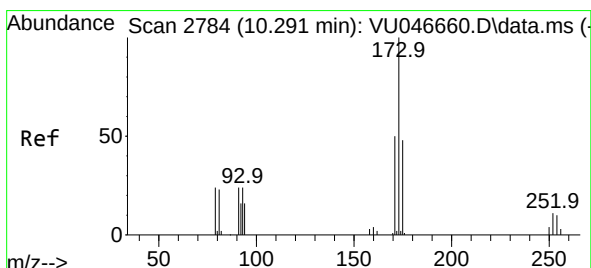
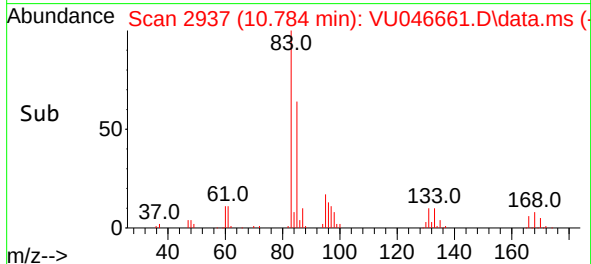
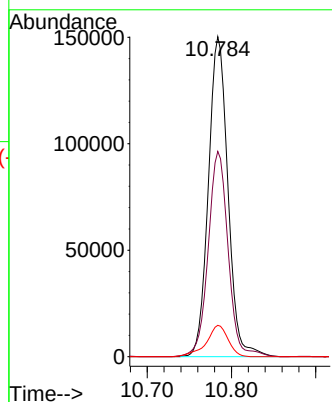
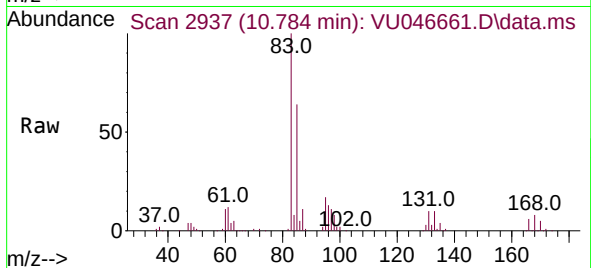
Tgt Ion: 83 Resp: 242200

Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1

131 9.8 7.8 11.6



#59

Bromoform

Concen: 97.989 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

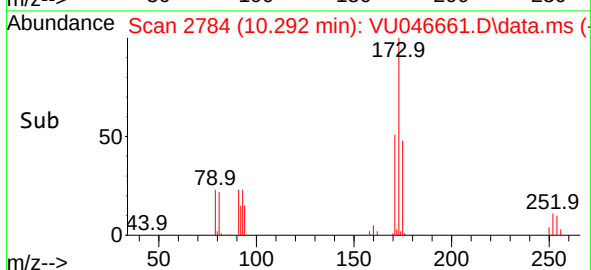
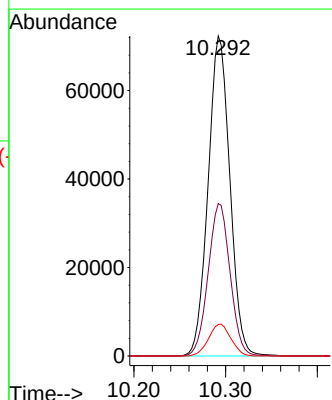
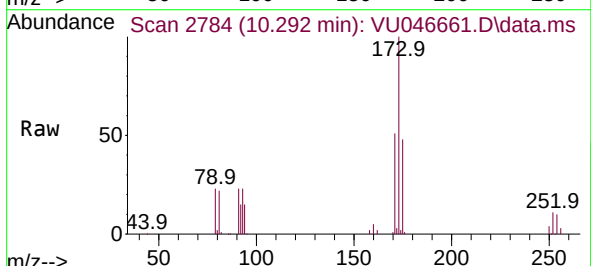
Tgt Ion:173 Resp: 119265

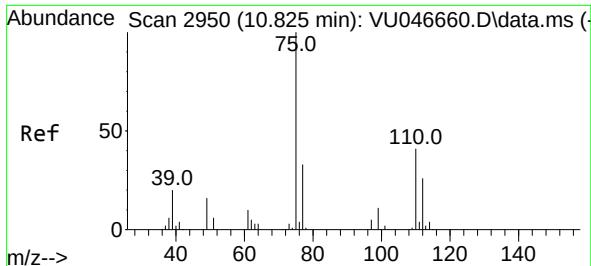
Ion Ratio Lower Upper

173 100

175 47.9 37.6 56.4

254 10.2 8.1 12.1

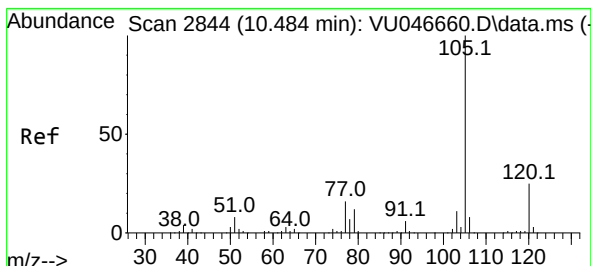
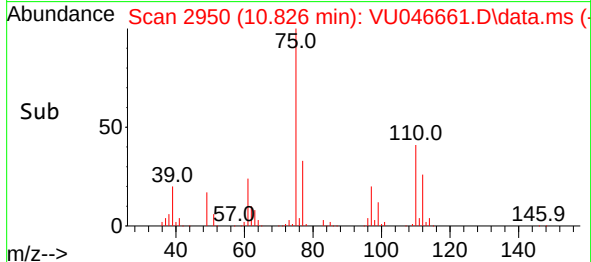
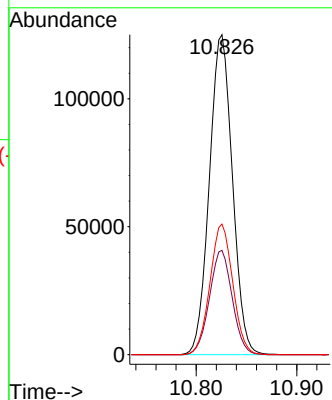
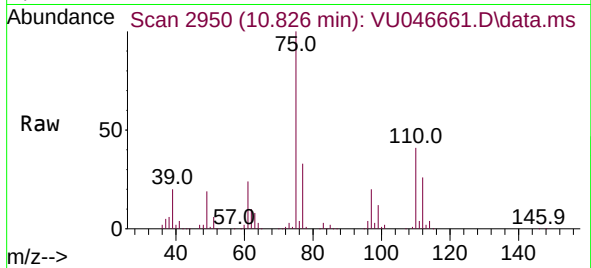




#60
1,2,3-Trichloropropane
Concen: 88.580 ug/L
RT: 10.826 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

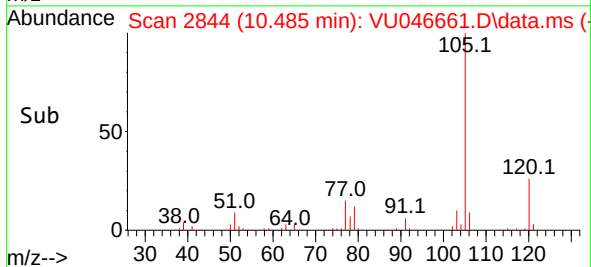
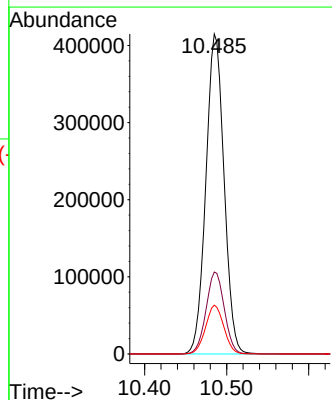
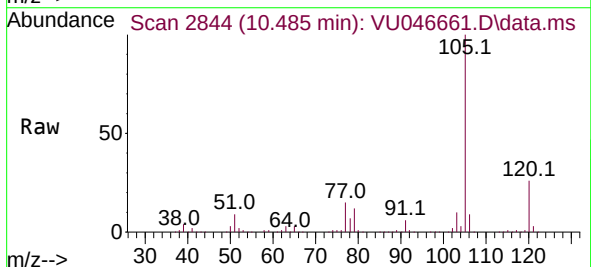
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

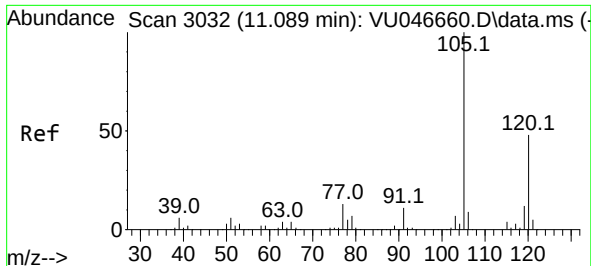
Tgt Ion: 75 Resp: 199273
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
110 40.4 32.5 48.7



#61
Isopropylbenzene
Concen: 96.194 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 105 Resp: 637399
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0
77 15.3 12.6 18.8





#62

1,3,5-Trimethylbenzene

Concen: 101.138 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

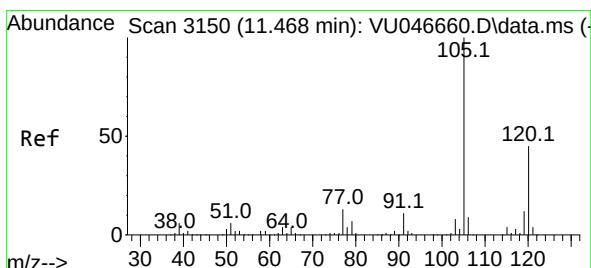
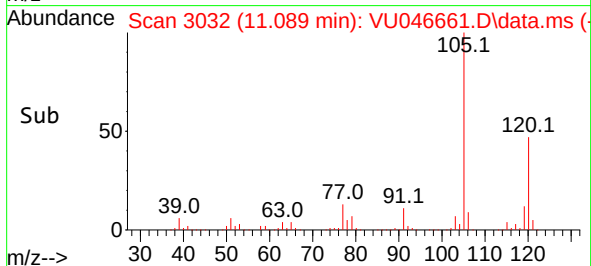
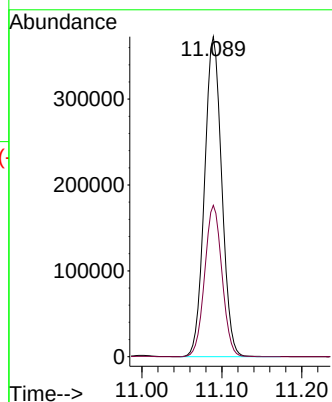
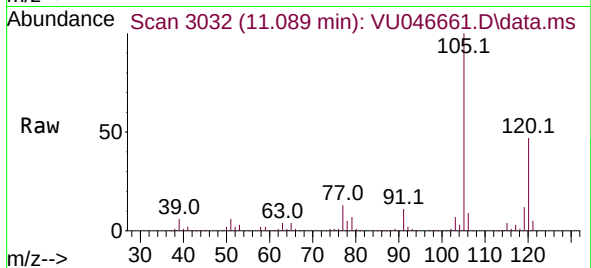
VSTD100040

Tgt Ion:105 Resp: 558301

Ion Ratio Lower Upper

105 100

120 47.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 102.282 ug/L

RT: 11.469 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046661.D

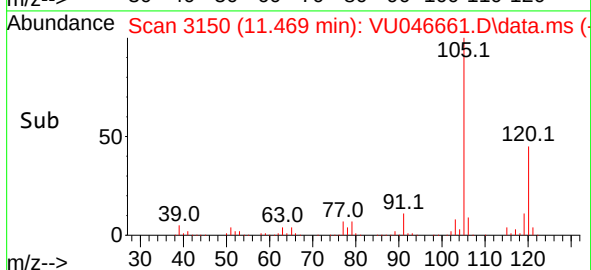
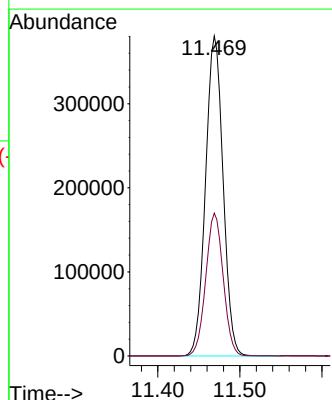
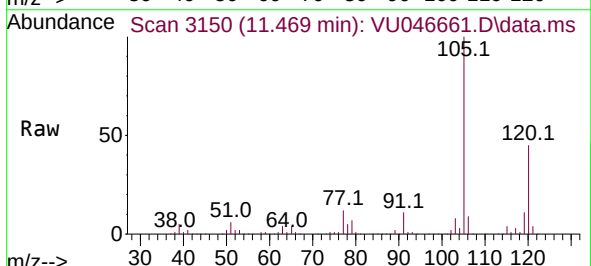
Acq: 05 Jan 2022 13:05

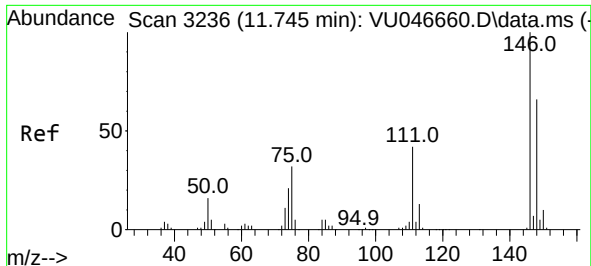
Tgt Ion:105 Resp: 564581

Ion Ratio Lower Upper

105 100

120 44.4 35.4 53.2

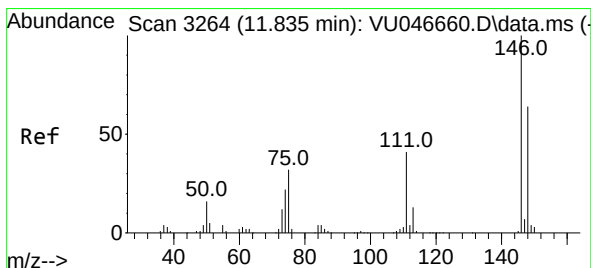
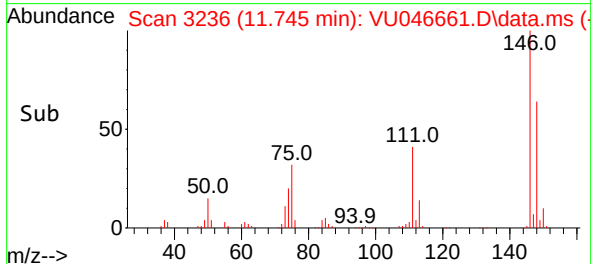
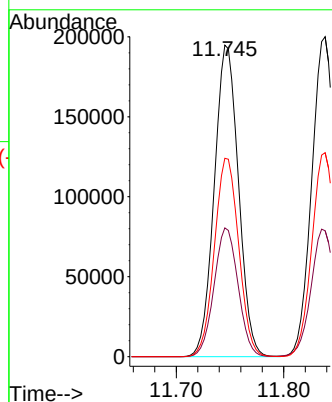
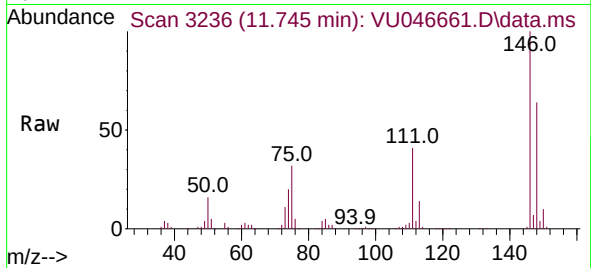




#64
1,3-Dichlorobenzene
Concen: 96.341 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

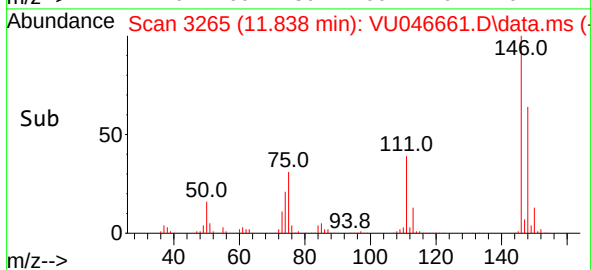
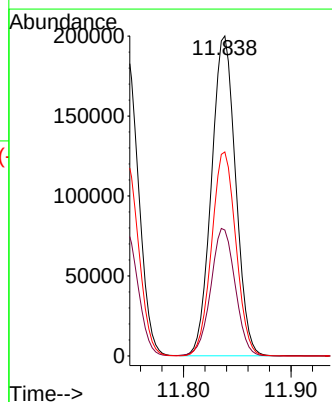
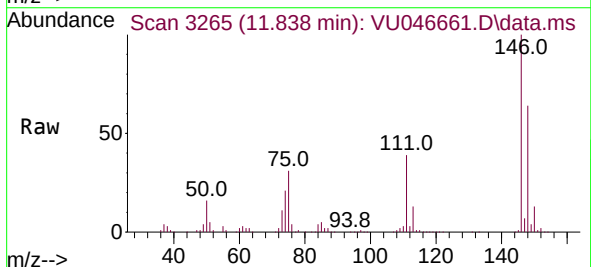
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

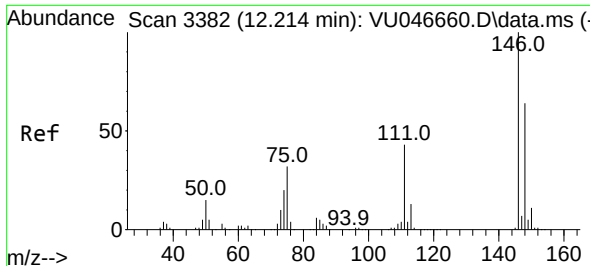
Tgt Ion:146 Resp: 304715
Ion Ratio Lower Upper
146 100
111 41.4 29.4 54.6
148 63.7 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 95.439 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.004 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion:146 Resp: 312091
Ion Ratio Lower Upper
146 100
111 39.4 28.9 53.7
148 63.8 44.5 82.7

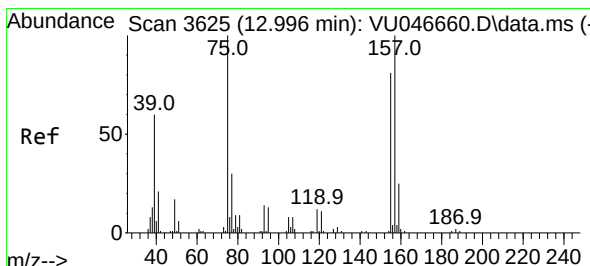
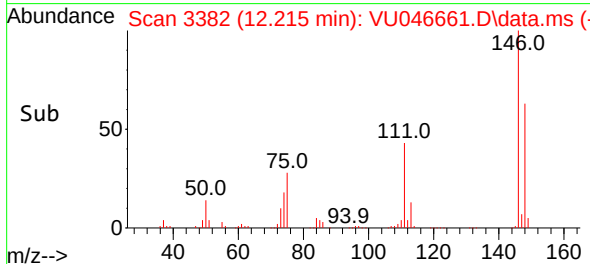
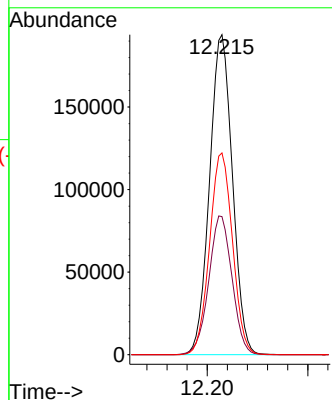
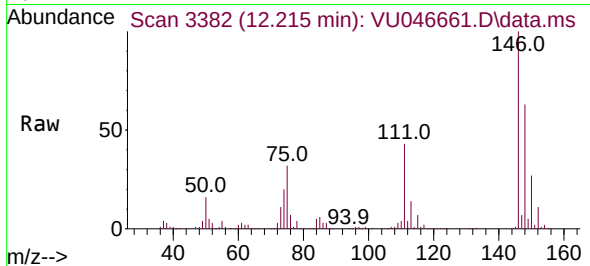




#67
1,2-Dichlorobenzene
Concen: 95.953 ug/L
RT: 12.215 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

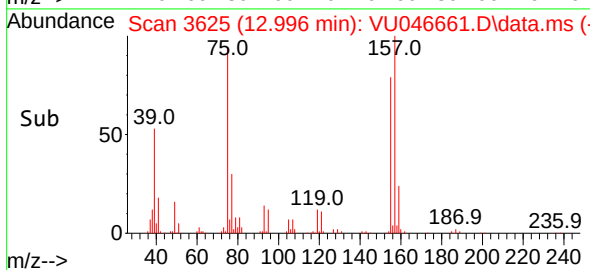
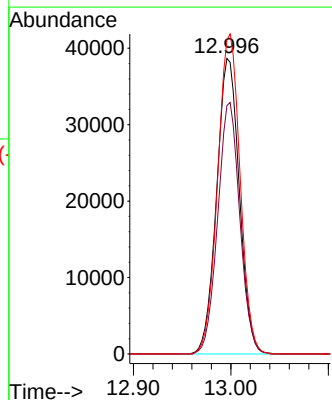
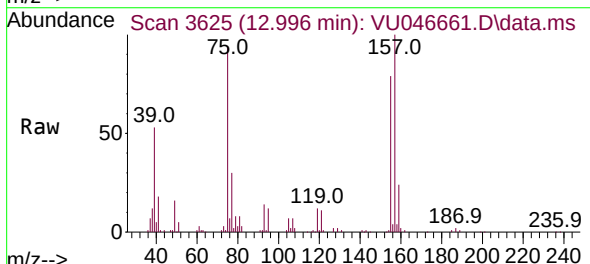
Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

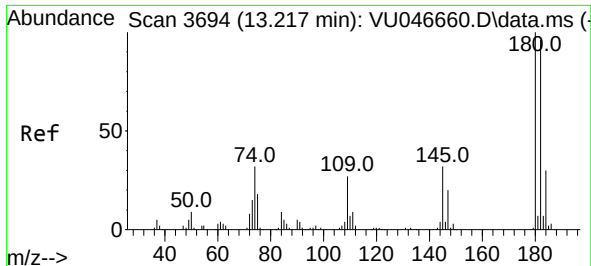
Tgt Ion:146 Resp: 305950
Ion Ratio Lower Upper
146 100
111 43.2 34.2 51.4
148 63.0 51.3 76.9



#68
1,2-Dibromo-3-chloropropane
Concen: 102.108 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion: 75 Resp: 62578
Ion Ratio Lower Upper
75 100
155 84.0 65.0 97.4
157 106.2 79.7 119.5





#69

1,3,5-Trichlorobenzene

Concen: 102.921 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.004 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

Instrument :

MSVOA_U

ClientSampleId :

VSTD100040

Tgt Ion:180 Resp: 238188

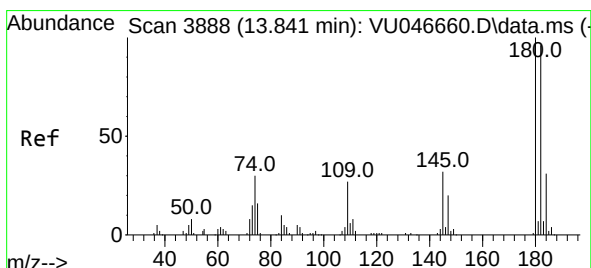
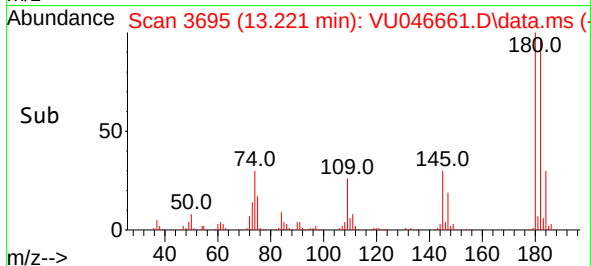
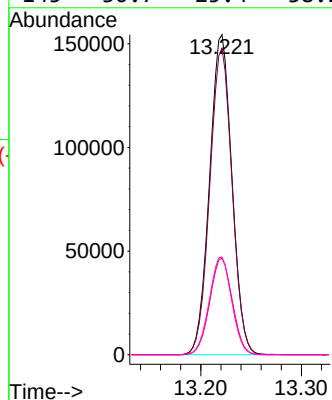
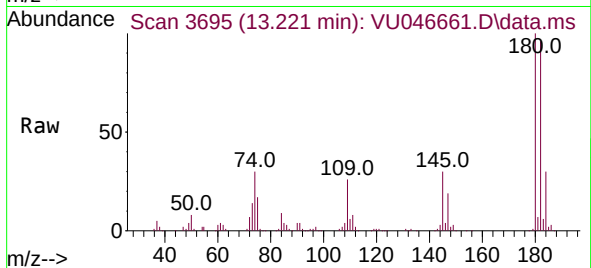
Ion Ratio Lower Upper

180 100

182 95.4 77.0 115.6

184 30.4 24.7 37.1

145 30.7 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 104.105 ug/L

RT: 13.842 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046661.D

Acq: 05 Jan 2022 13:05

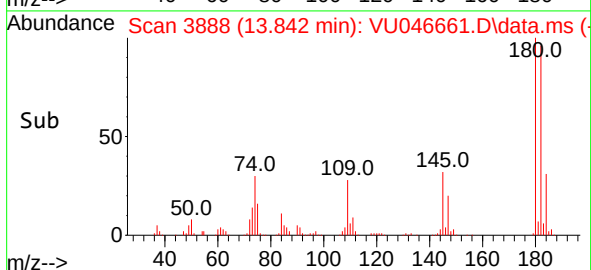
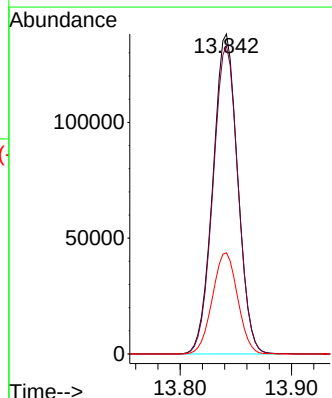
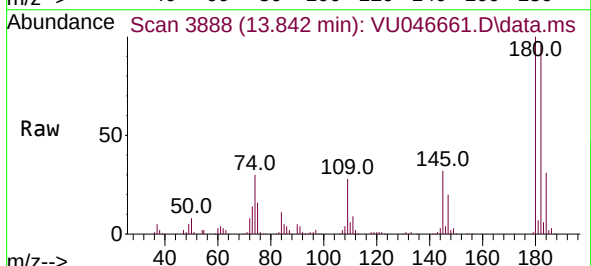
Tgt Ion:180 Resp: 214068

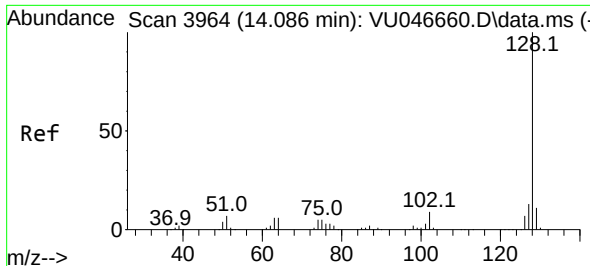
Ion Ratio Lower Upper

180 100

182 96.9 76.6 114.8

145 32.2 25.2 37.8

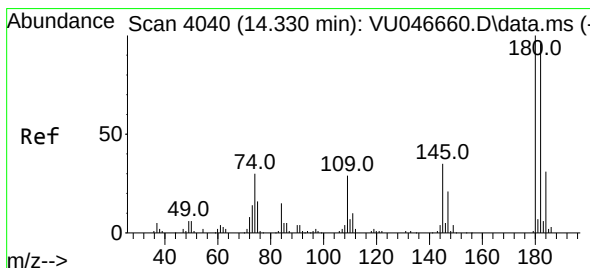
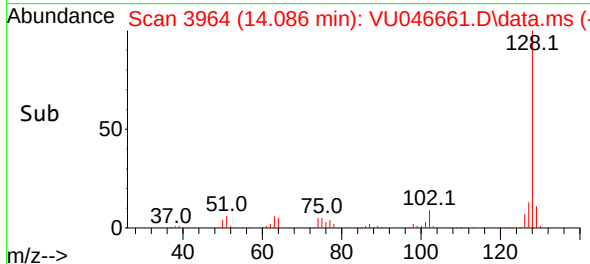
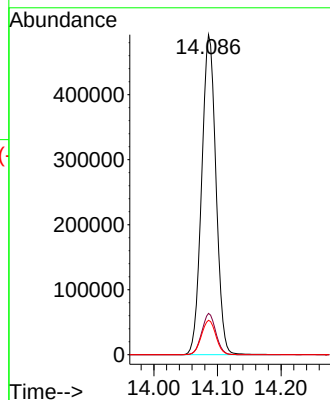
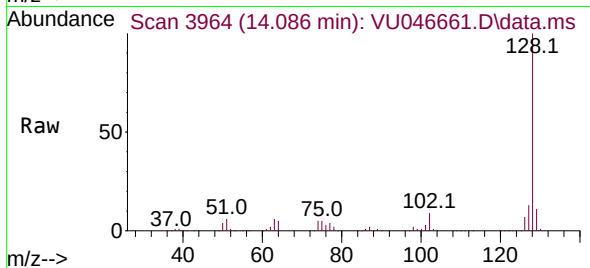




#71
Naphthalene
Concen: 108.262 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Instrument :
MSVOA_U
ClientSampleId :
VSTD100040

Tgt Ion:128 Resp: 767226
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 103.602 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU046661.D
Acq: 05 Jan 2022 13:05

Tgt Ion:180 Resp: 216790
Ion Ratio Lower Upper
180 100
182 95.2 76.6 115.0
145 33.5 27.4 41.2

