

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044403.D
 Acq On : 09 Aug 2021 14:52
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 02:09:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 10 02:08:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	163601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	163724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	86237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49220	3.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.912	69	58780	5.009	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.200%
11) 1,1-Dichloroethene-d2	2.568	65	23849	4.142	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.639	46	144376	35.619	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.240%
24) Chloroform-d	5.070	84	122139	5.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.710	65	59607	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.735	84	244892	4.773	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.700	67	74236	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.906	98	219801	4.787	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.185	79	23064	3.716	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.642	63	129105	34.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	68.920%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	59405	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	12.201	152	82661	4.978	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	69293	4.728	ug/L	100
3) Chloromethane	1.520	50	71744	4.544	ug/L	100
5) Vinyl chloride	1.604	62	80293	4.852	ug/L	98
6) Bromomethane	1.858	94	47334	5.081	ug/L	97
8) Chloroethane	1.935	64	51872	5.430	ug/L	98
9) Trichlorofluoromethane	2.137	101	102426	5.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58480	5.320	ug/L	98
12) 1,1-Dichloroethene	2.581	96	52814	4.913	ug/L	98
13) Acetone	2.642	43	67654	35.052	ug/L	98
14) Carbon disulfide	2.797	76	133977	3.817	ug/L	99
15) Methyl Acetate	2.957	43	18519	4.201	ug/L	# 85
16) Methylene chloride	3.051	84	70065	4.888	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	141013	4.788	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	56862	4.947	ug/L	93
19) 1,1-Dichloroethane	3.877	63	105040	5.070	ug/L	100
21) 2-Butanone	4.716	43	144274	40.269	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	65303	5.200	ug/L	94
23) Bromochloromethane	4.980	128	29152	5.359	ug/L	91
25) Chloroform	5.095	83	113885	5.338	ug/L	100

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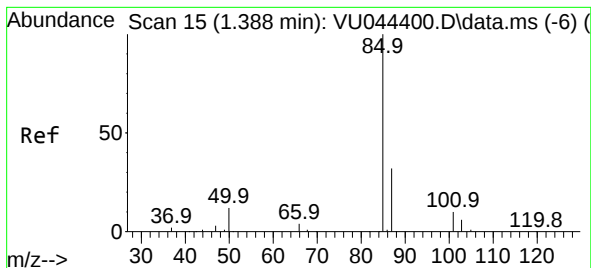
Quant Time: Aug 10 02:09:42 2021
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	70063	5.026	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	92488	5.201	ug/L	99
30) Cyclohexane	5.394	56	84561	4.070	ug/L	94
31) Carbon tetrachloride	5.533	117	76603	5.151	ug/L	99
33) Benzene	5.780	78	245335	4.924	ug/L	100
34) Trichloroethene	6.549	95	63347	5.084	ug/L	97
35) Methylcyclohexane	6.771	83	95818	4.407	ug/L	97
37) 1,2-Dichloropropane	6.800	63	61398	4.836	ug/L	98
38) Bromodichloromethane	7.115	83	80098	5.210	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	89756	4.858	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	357231	40.099	ug/L	98
42) Toluene	7.976	91	268304	5.149	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	76445	4.863	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	47950	5.089	ug/L	97
47) Tetrachloroethene	8.558	164	49344	5.393	ug/L	98
48) 2-Hexanone	8.693	43	256489	39.818	ug/L	97
49) Dibromochloromethane	8.819	129	53705	5.339	ug/L	96
50) 1,2-Dibromoethane	8.931	107	44155	4.832	ug/L	99
51) Chlorobenzene	9.452	112	172094	5.336	ug/L	96
52) Ethylbenzene	9.578	91	286593	5.162	ug/L	98
53) m,p-Xylene	9.700	106	114447	5.331	ug/L	94
54) o-Xylene	10.108	106	112177	5.366	ug/L	96
55) Styrene	10.121	104	191660	5.359	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.790	83	56542	4.566	ug/L #	97
59) Bromoform	10.298	173	28478	5.206	ug/L	99
60) Isopropylbenzene	10.491	105	293250	5.317	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	41351	4.472	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	243103	5.261	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	251019	5.295	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	138208	5.472	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	137468	5.339	ug/L	98
67) 1,2-Dichlorobenzene	12.217	146	129477	5.324	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.002	75	8590	4.295	ug/L	96
69) 1,3,5-Trichlorobenzene	13.227	180	104800	5.554	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	85927	5.380	ug/L	98
71) Naphthalene	14.092	128	139679	4.451	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	76068	5.254	ug/L	99

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

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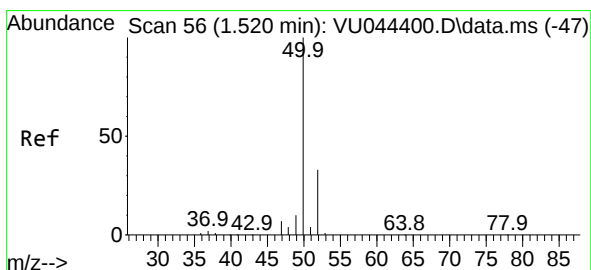
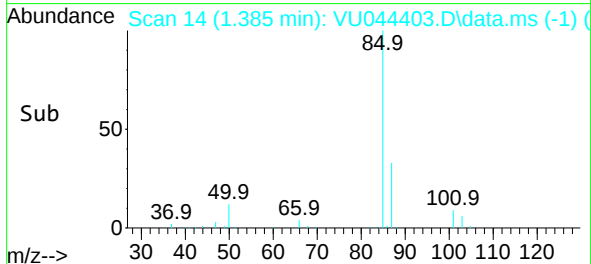
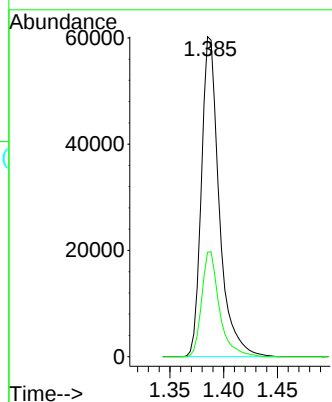
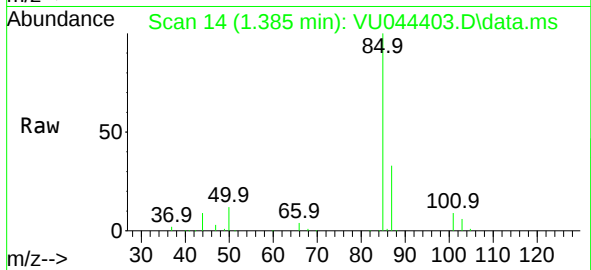




#2
 Dichlorodifluoromethane
 Concen: 4.728 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU044403.D
 Acq: 09 Aug 2021 14:52

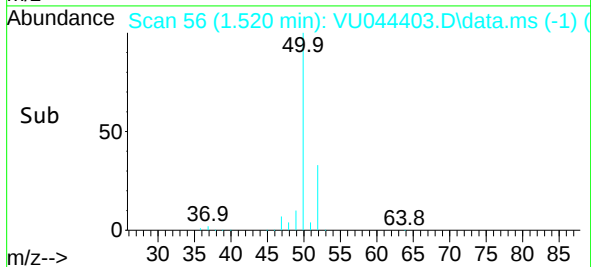
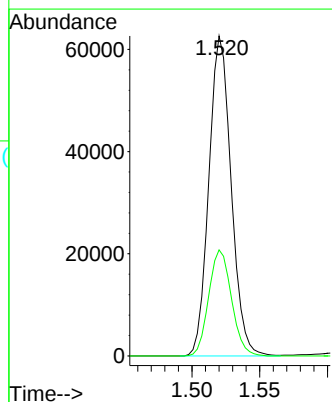
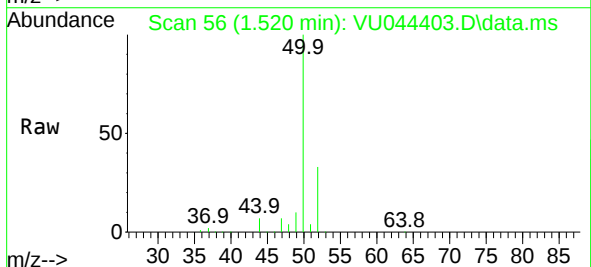
Instrument :
 MSVOA_U
 ClientSampled :

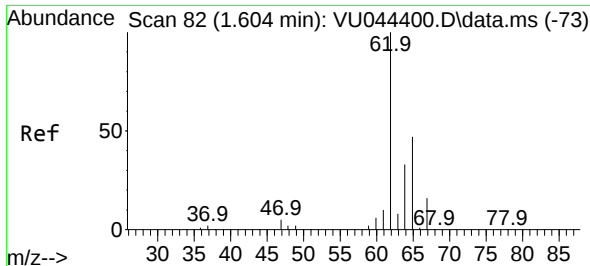
Tgt Ion: 85 Resp: 69293
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.2 39.2



#3
 Chloromethane
 Concen: 4.544 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU044403.D
 Acq: 09 Aug 2021 14:52

Tgt Ion: 50 Resp: 71744
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.2 43.0

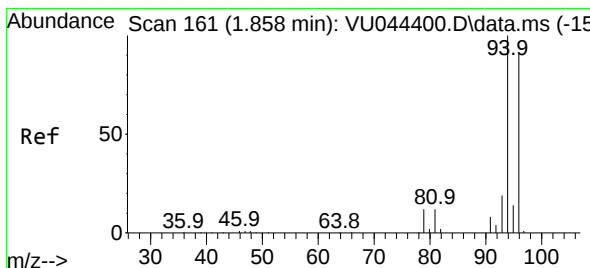
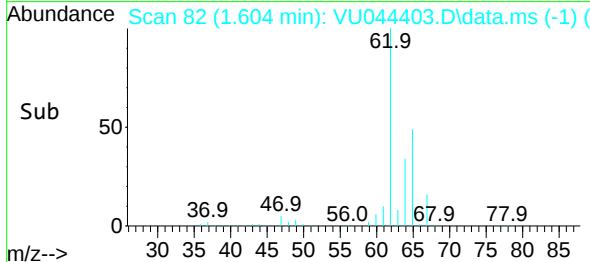
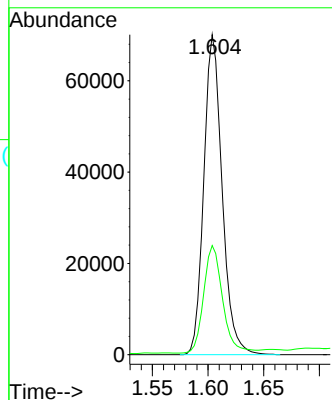
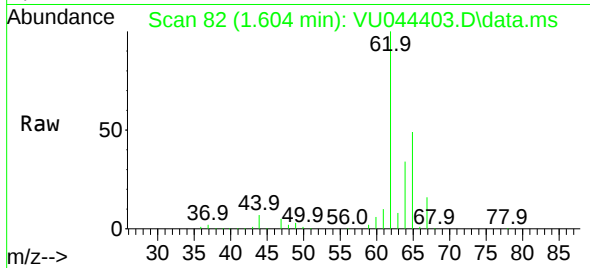




#5
 Vinyl chloride
 Concen: 4.852 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044403.D
 Acq: 09 Aug 2021 14:52

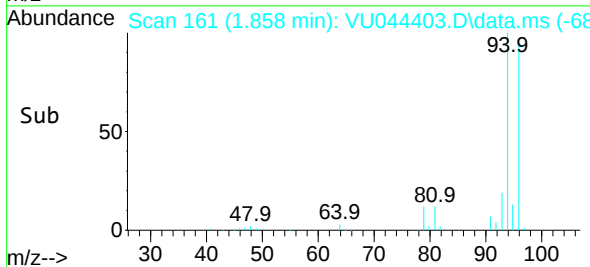
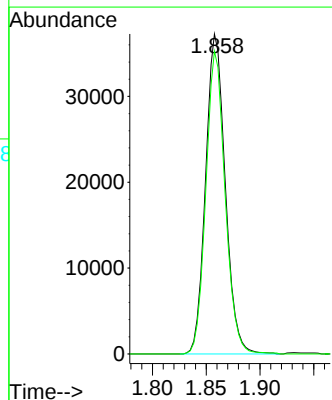
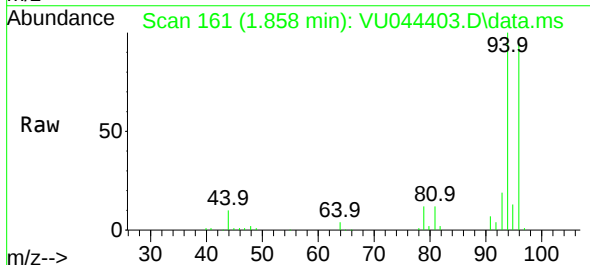
Instrument :
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 ClientSampled :

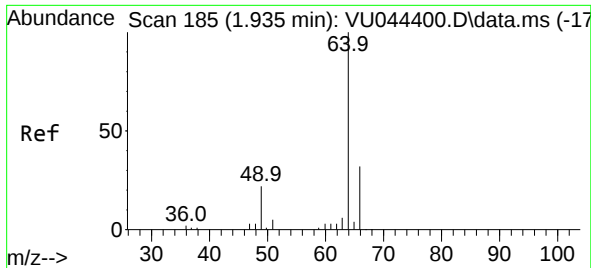
Tgt Ion: 62 Resp: 80293
 Ion Ratio Lower Upper
 62 100
 64 34.1 23.2 43.2



#6
 Bromomethane
 Concen: 5.081 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU044403.D
 Acq: 09 Aug 2021 14:52

Tgt Ion: 94 Resp: 47334
 Ion Ratio Lower Upper
 94 100
 96 94.6 64.5 119.9

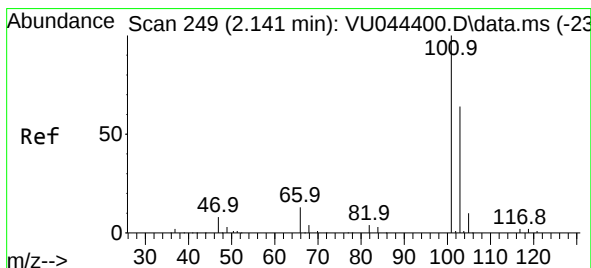
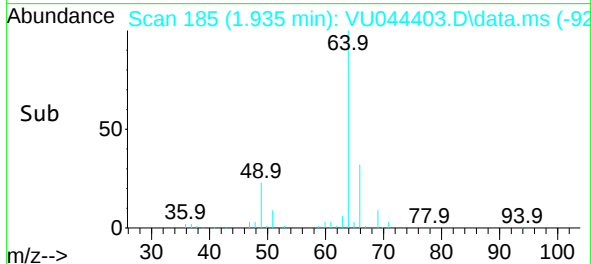
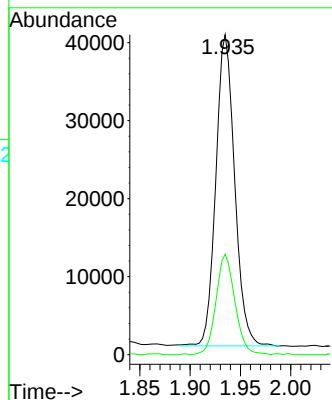
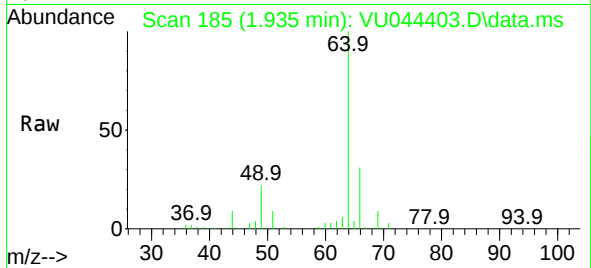




#8
Chloroethane
Concen: 5.430 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

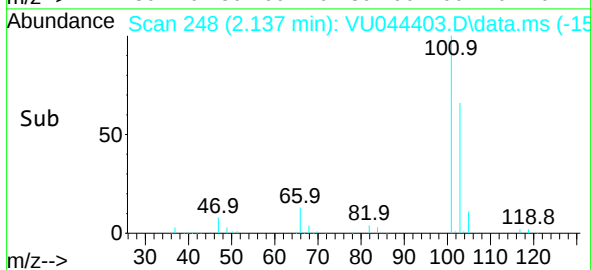
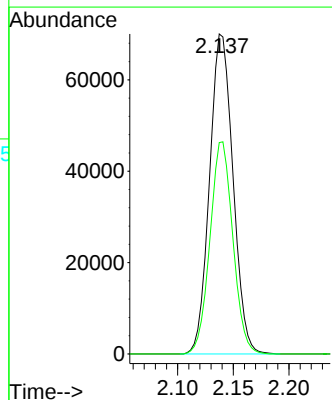
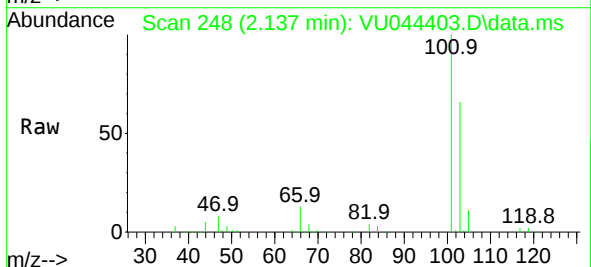
Instrument :
MSVOA_U
ClientSampled :

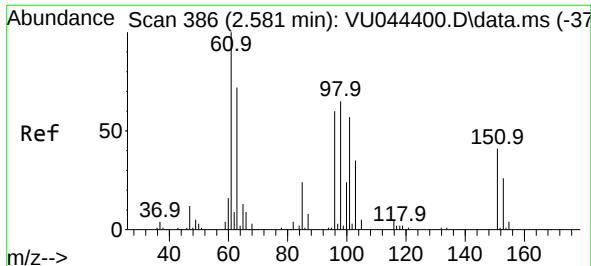
Tgt Ion: 64 Resp: 51872
Ion Ratio Lower Upper
64 100
66 31.4 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.626 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:101 Resp: 102426
Ion Ratio Lower Upper
101 100
103 64.9 52.1 78.1





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.320 ug/L

RT: 2.581 min Scan# 386

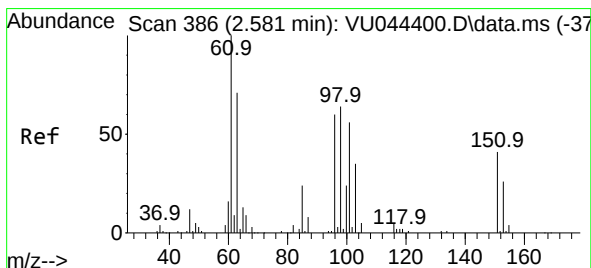
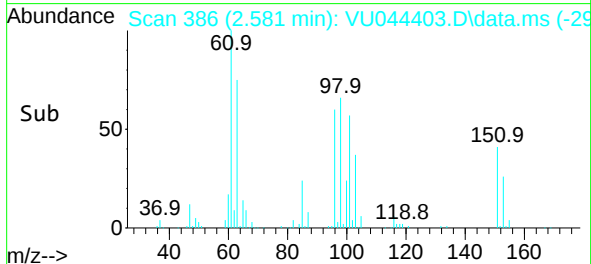
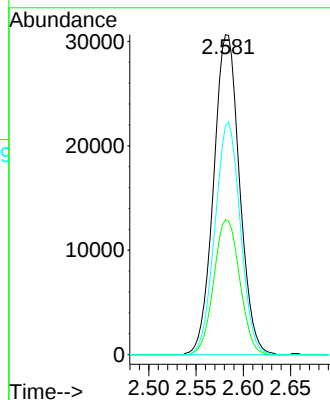
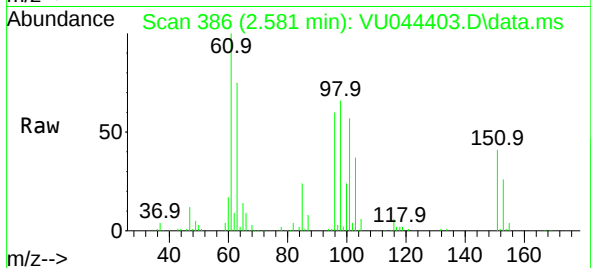
Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion:	101	Resp:	58480
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.2	51.4
151	71.1	54.8	82.2

Instrument :
MSVOA_U
ClientSampled :



#12

1,1-Dichloroethene

Concen: 4.913 ug/L

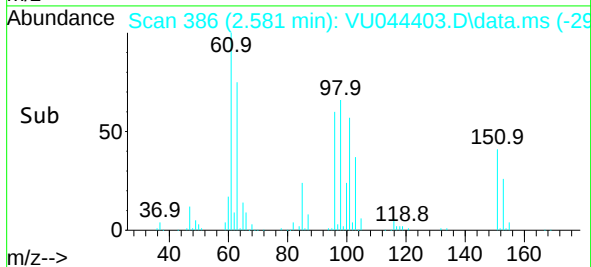
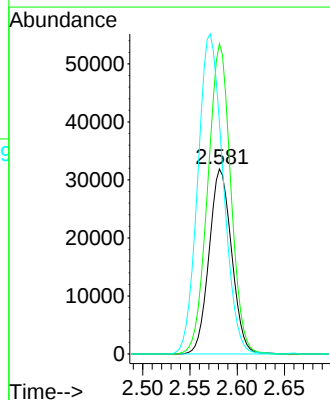
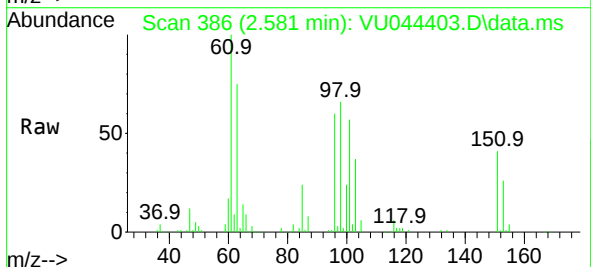
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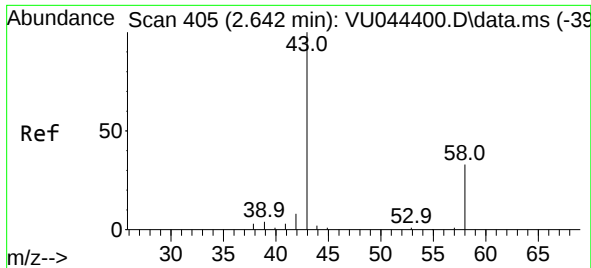
Delta R.T. 0.000 min

Lab File: VU044403.D

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Tgt Ion:	96	Resp:	52814
Ion Ratio	Lower	Upper	
96	100		
61	167.8	118.3	219.7
63	125.5	85.7	159.1

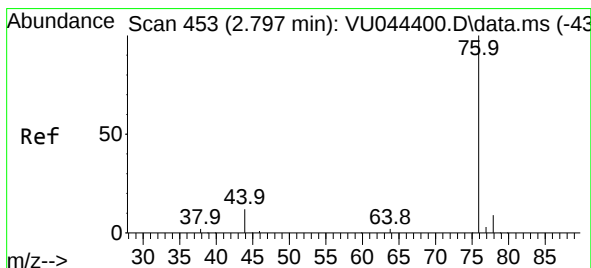
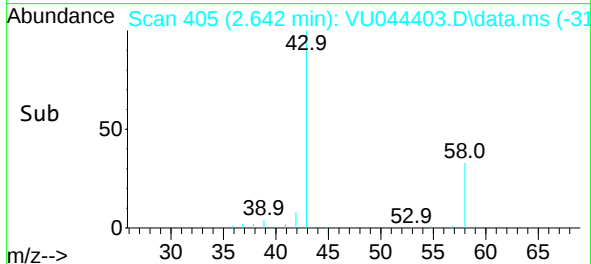
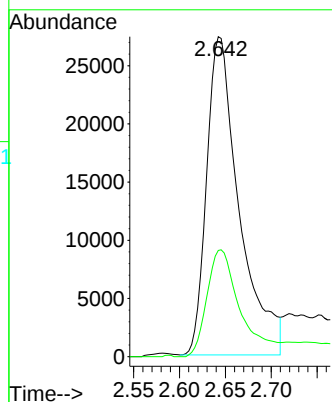
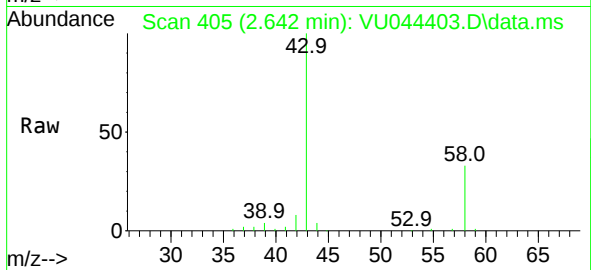




#13
Acetone
Concen: 35.052 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

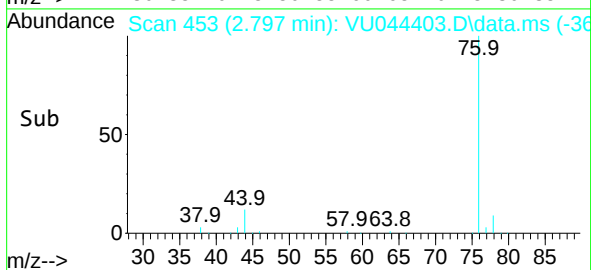
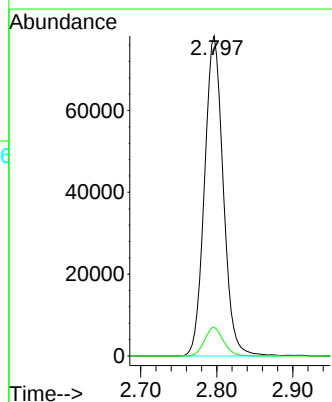
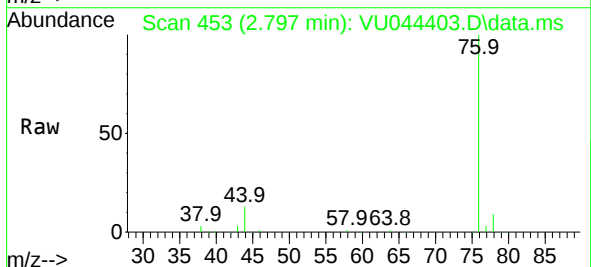
Instrument :
MSVOA_U
ClientSampled :

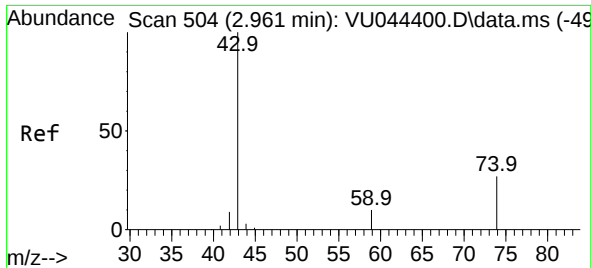
Tgt Ion: 43 Resp: 67654
Ion Ratio Lower Upper
43 100
58 34.5 0.0 67.2



#14
Carbon disulfide
Concen: 3.817 ug/L
RT: 2.797 min Scan# 453
Delta R.T. 0.000 min
Lab File: VU044403.D
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Tgt Ion: 76 Resp: 133977
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

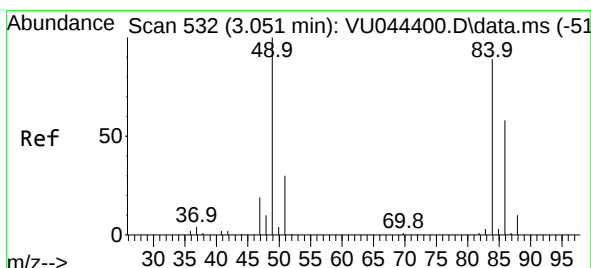
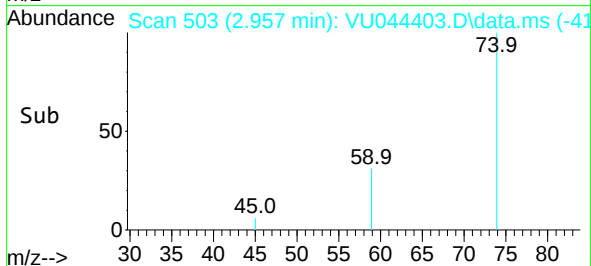
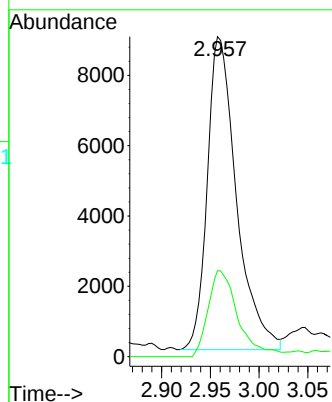
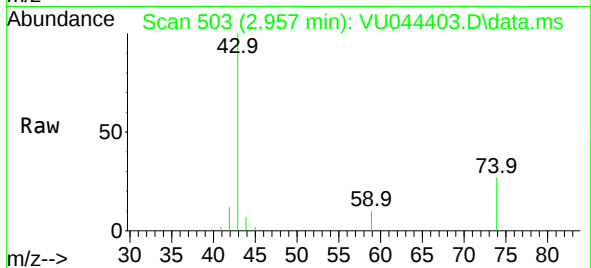




#15
Methyl Acetate
Concen: 4.201 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

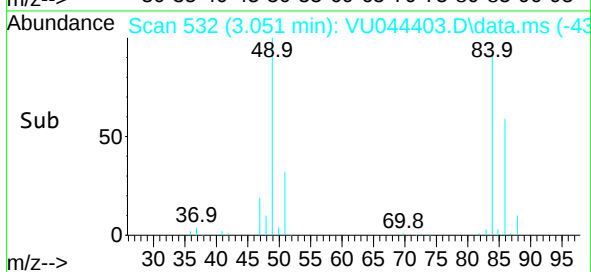
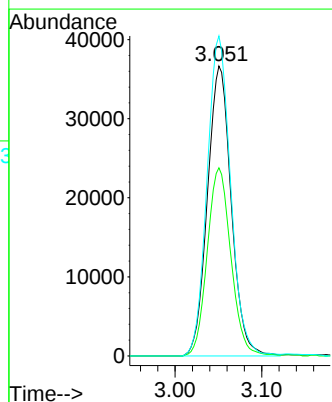
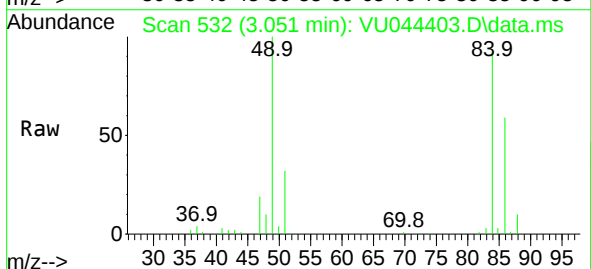
Instrument :
MSVOA_U
ClientSampled :

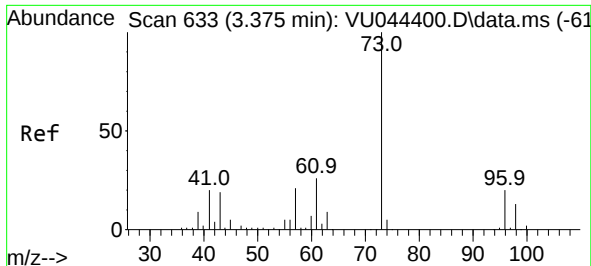
Tgt Ion: 43 Resp: 18519
Ion Ratio Lower Upper
43 100
74 28.1 16.7 25.1#



#16
Methylene chloride
Concen: 4.888 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 84 Resp: 70065
Ion Ratio Lower Upper
84 100
86 64.9 45.2 84.0
49 110.4 81.8 152.0

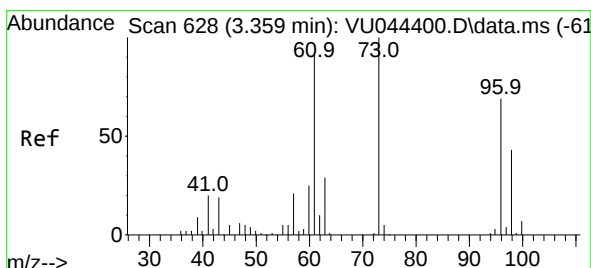
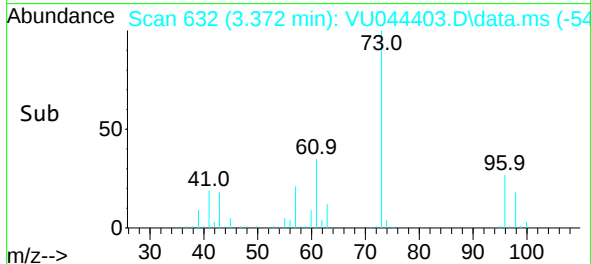
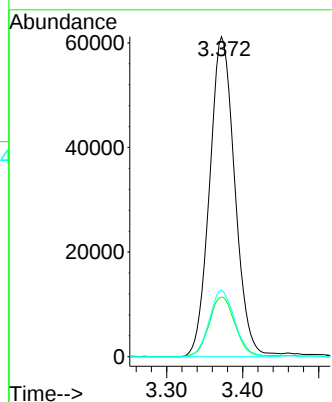
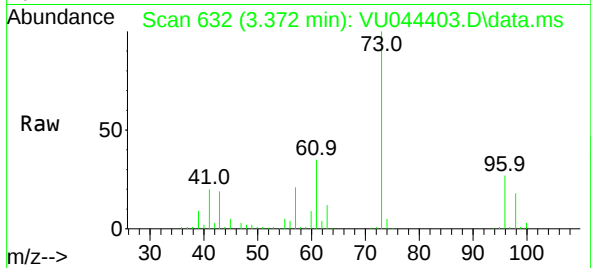




#17
Methyl tert-butyl Ether
Concen: 4.788 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

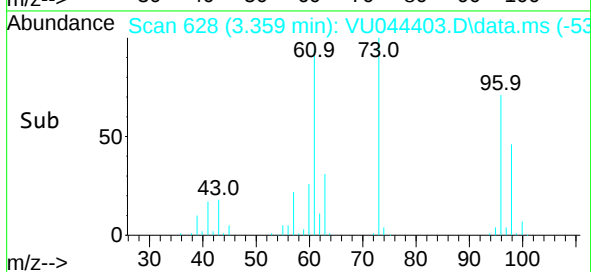
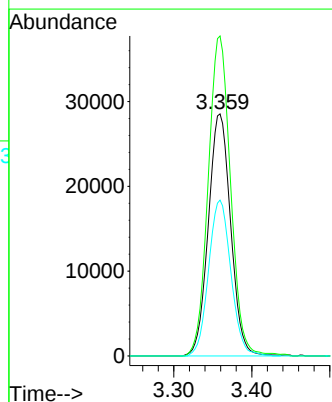
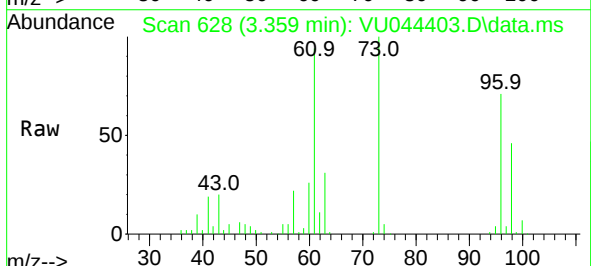
Instrument :
MSVOA_U
ClientSampled :

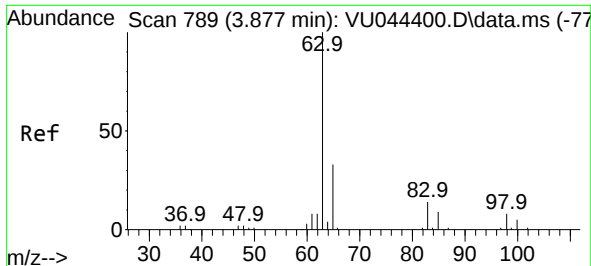
Tgt Ion: 73 Resp: 141013
Ion Ratio Lower Upper
73 100
43 19.2 15.3 22.9
57 21.0 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.947 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 96 Resp: 56862
Ion Ratio Lower Upper
96 100
61 132.2 101.4 188.4
98 64.3 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.070 ug/L

RT: 3.877 min Scan# 789

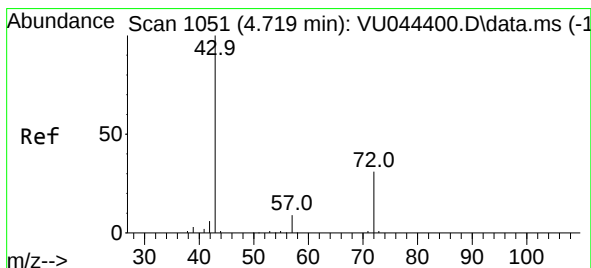
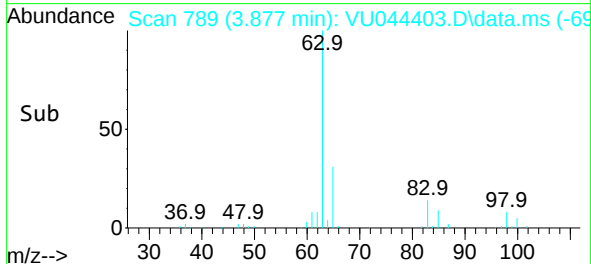
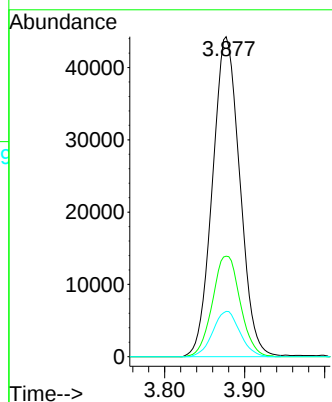
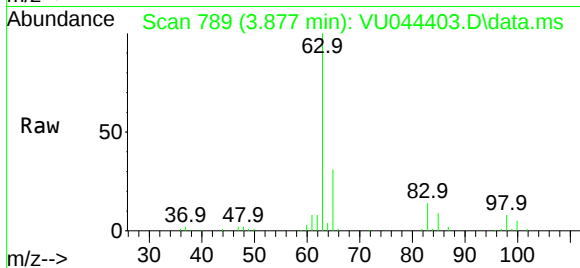
Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion: 63 Resp: 105040

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.1	41.1
83	14.1	9.7	17.9



#21

2-Butanone

Concen: 40.269 ug/L

RT: 4.716 min Scan# 1050

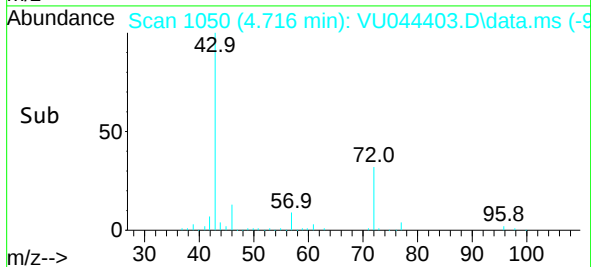
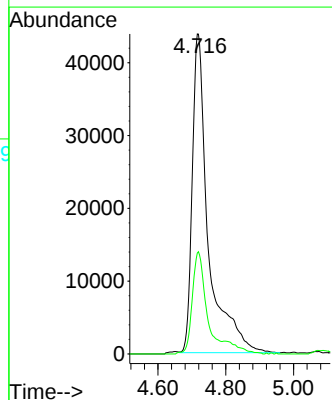
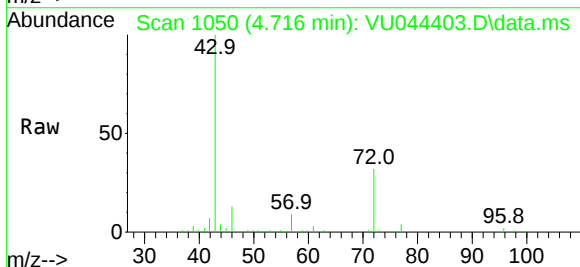
Delta R.T. -0.003 min

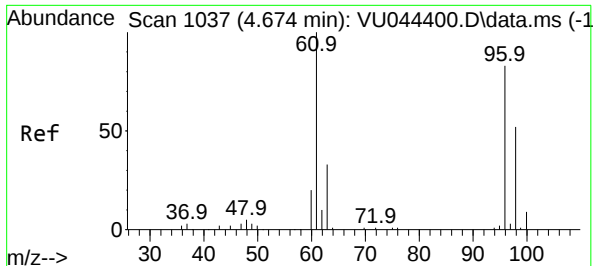
Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion: 43 Resp: 144274

Ion	Ratio	Lower	Upper
43	100		
72	27.6	14.4	43.2





#22

cis-1,2-Dichloroethene

Concen: 5.200 ug/L

RT: 4.674 min Scan# 1037

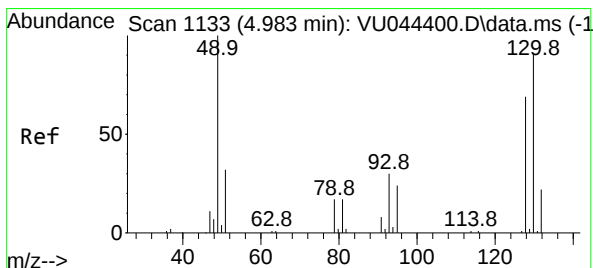
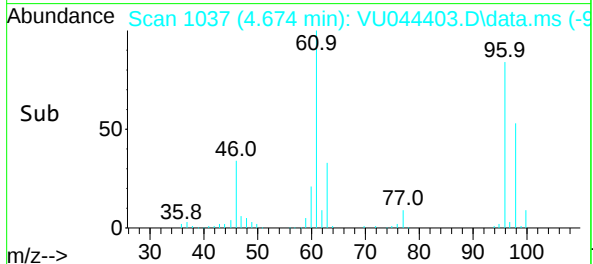
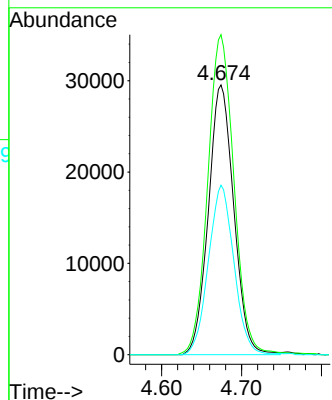
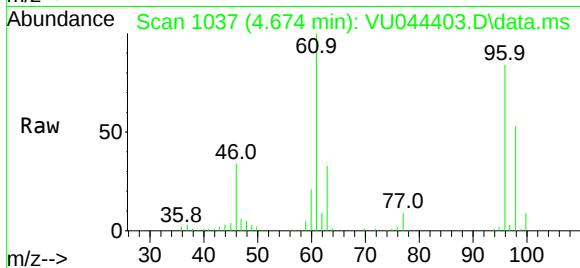
Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion: 96 Resp: 65303

Ion	Ratio	Lower	Upper
96	100		
61	118.6	89.9	166.9
98	62.8	44.1	81.9



#23

Bromochloromethane

Concen: 5.359 ug/L

RT: 4.980 min Scan# 1132

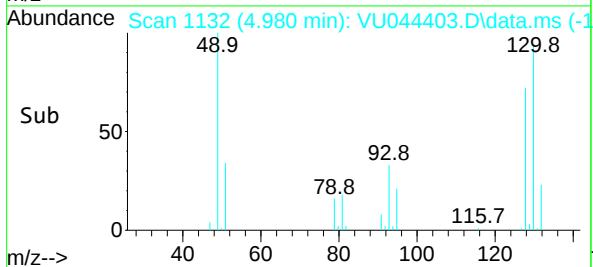
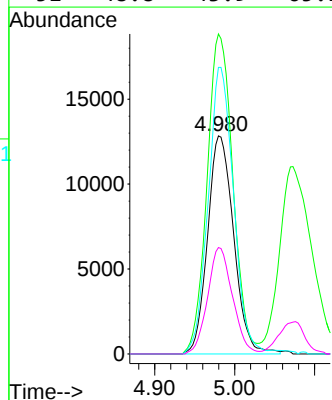
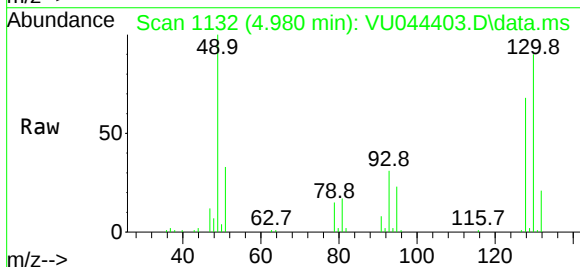
Delta R.T. -0.003 min

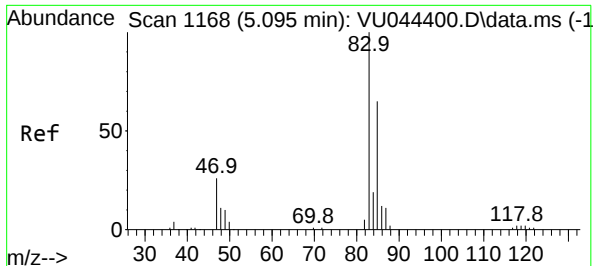
Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion: 128 Resp: 29152

Ion	Ratio	Lower	Upper
128	100		
49	146.7	117.4	218.0
130	131.4	93.6	173.8
51	48.8	43.9	65.9





#25

Chloroform

Concen: 5.338 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

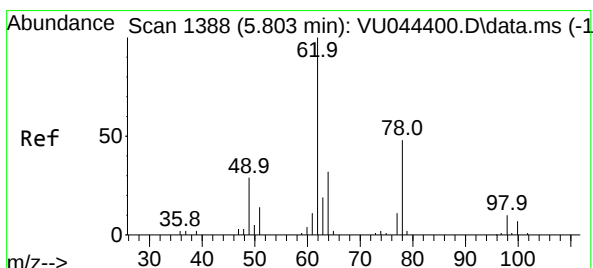
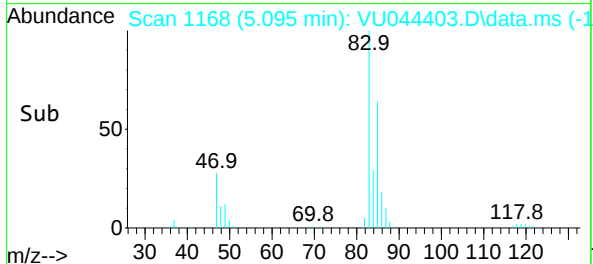
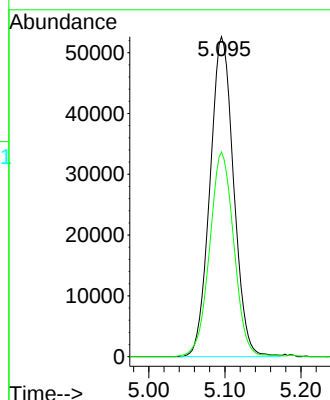
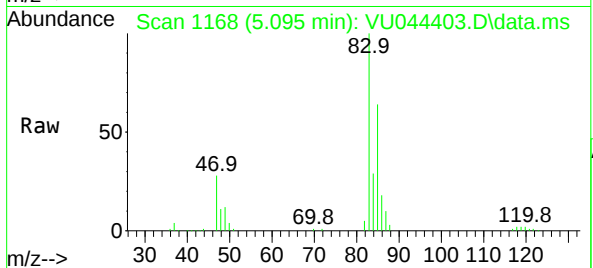
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 83 Resp: 113885

Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.026 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VU044403.D

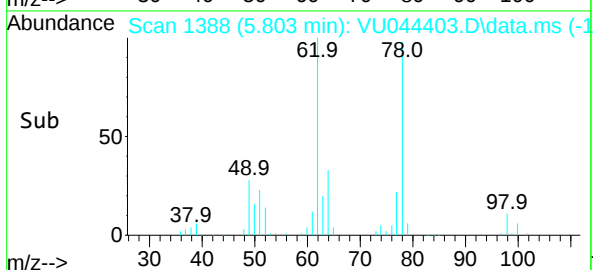
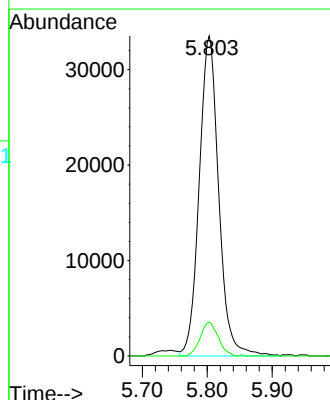
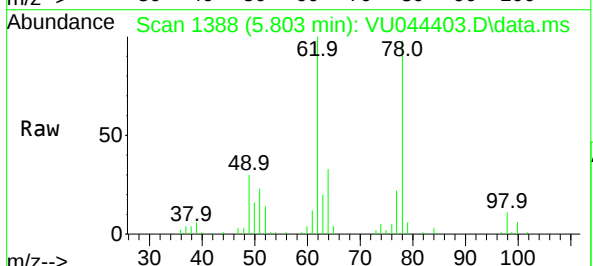
Acq: 09 Aug 2021 14:52

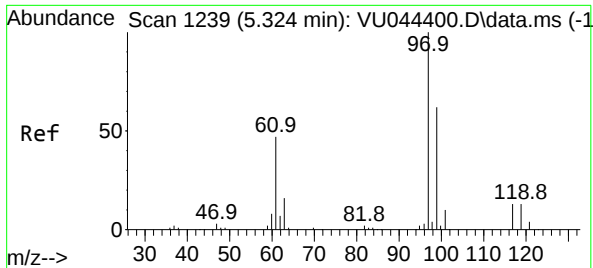
Tgt Ion: 62 Resp: 70063

Ion Ratio Lower Upper

62 100

98 10.6 7.8 11.6

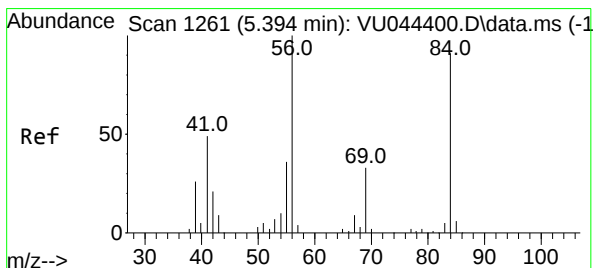
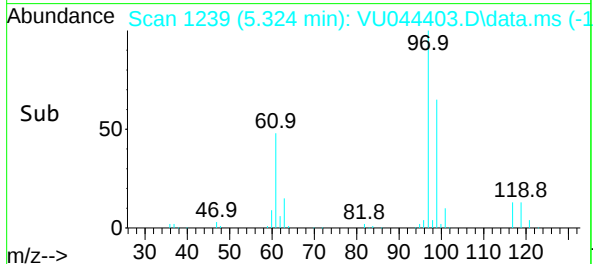
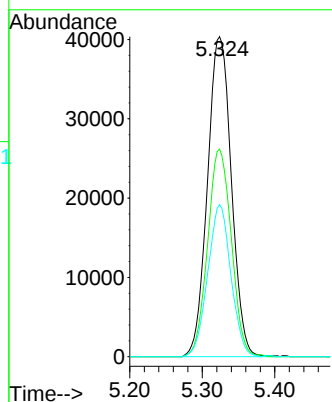
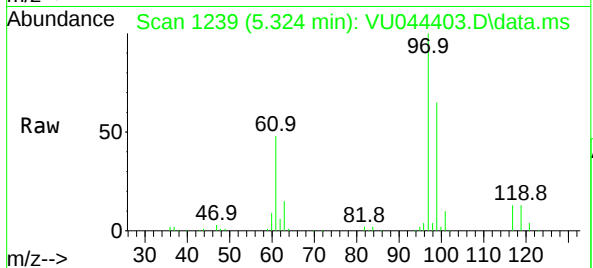




#29
1,1,1-Trichloroethane
Concen: 5.201 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

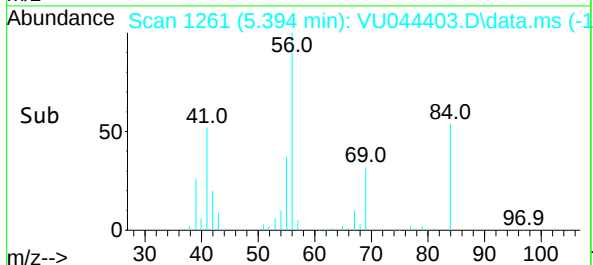
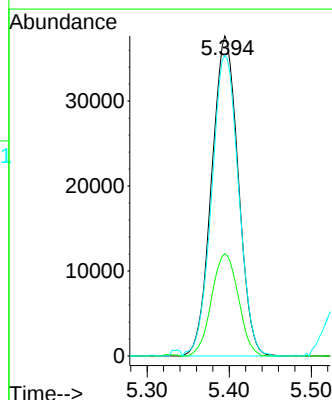
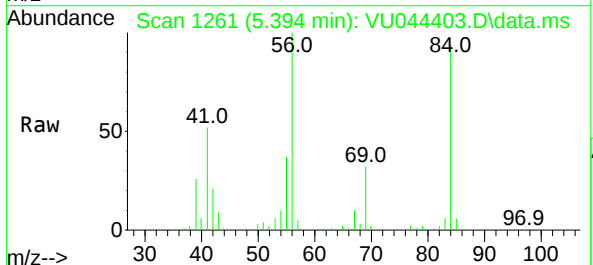
Instrument :
MSVOA_U
ClientSampled :

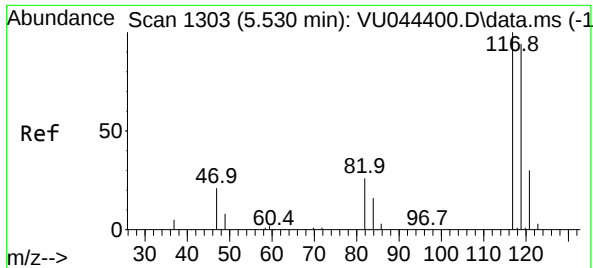
Tgt Ion:	97	Resp:	92488
Ion	Ratio	Lower	Upper
97	100		
99	64.2	52.6	78.8
61	46.0	36.9	55.3



#30
Cyclohexane
Concen: 4.070 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:	56	Resp:	84561
Ion	Ratio	Lower	Upper
56	100		
69	32.2	24.8	37.2
84	95.4	71.0	106.6

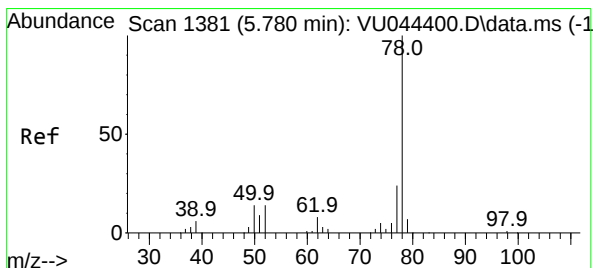
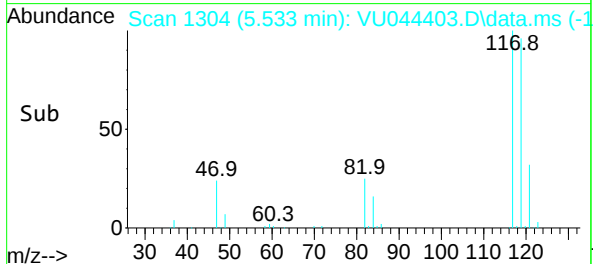
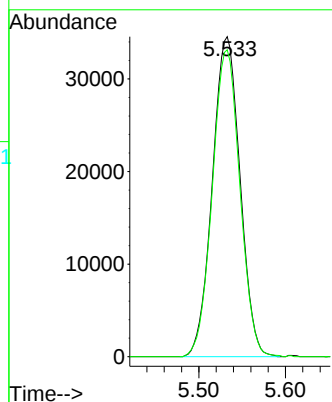
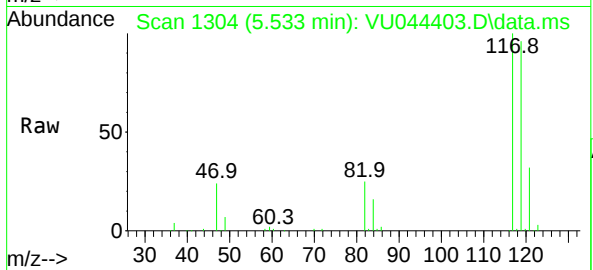




#31
Carbon tetrachloride
Concen: 5.151 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

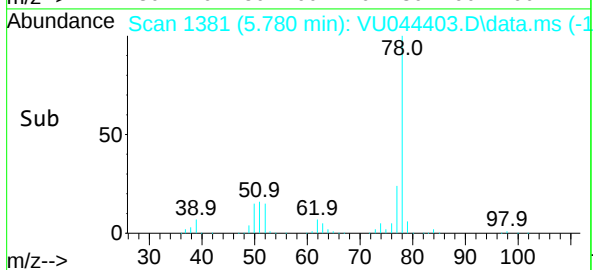
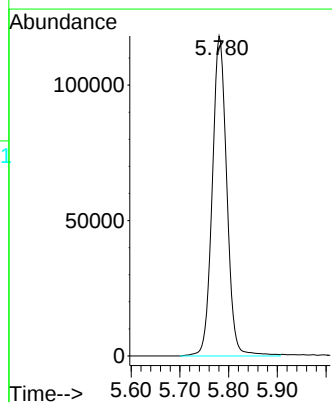
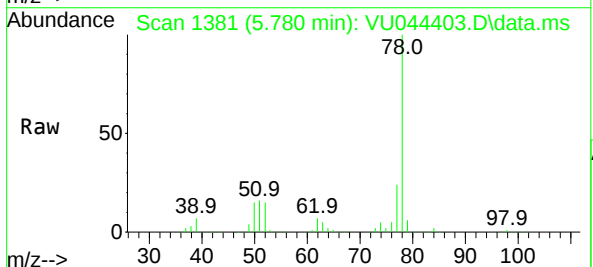
Instrument :
MSVOA_U
ClientSampled :

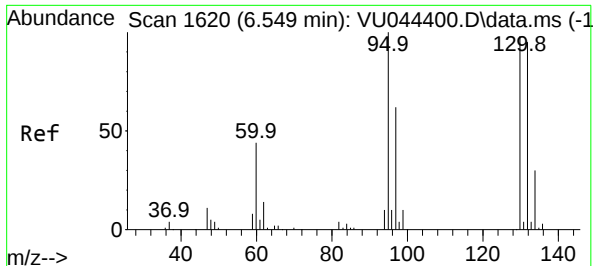
Tgt Ion:117 Resp: 76603
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6



#33
Benzene
Concen: 4.924 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 78 Resp: 245335





#34

Trichloroethene

Concen: 5.084 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion: 95 Resp: 63347

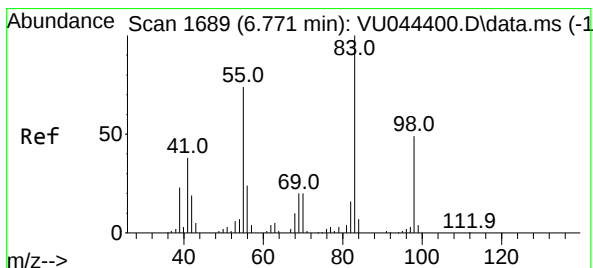
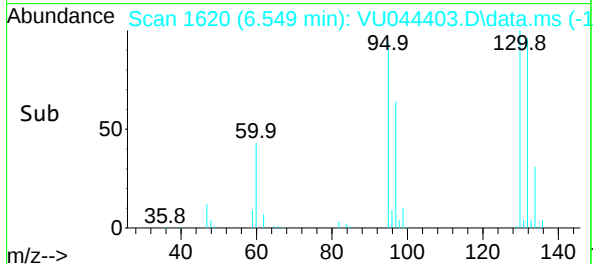
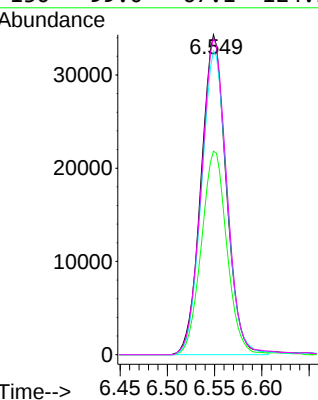
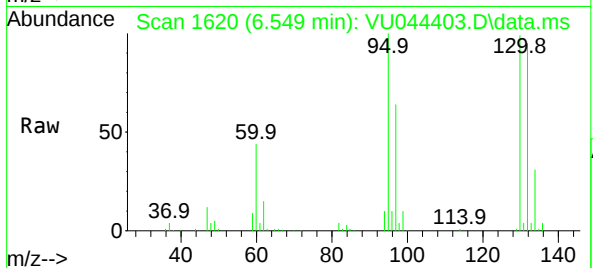
Ion Ratio Lower Upper

95 100

97 63.6 45.4 84.4

132 94.9 64.8 120.4

130 99.0 67.1 124.5



#35

Methylcyclohexane

Concen: 4.407 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

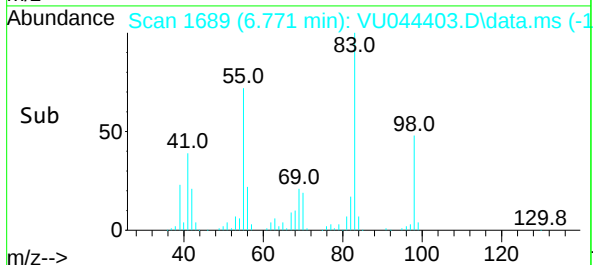
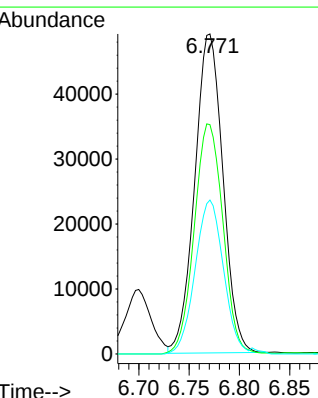
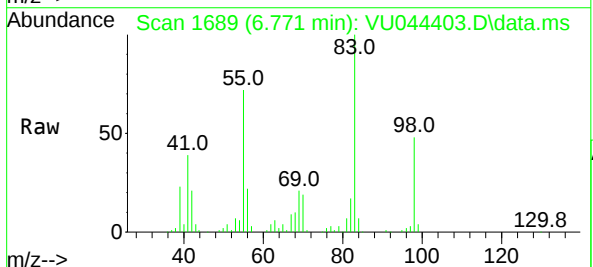
Tgt Ion: 83 Resp: 95818

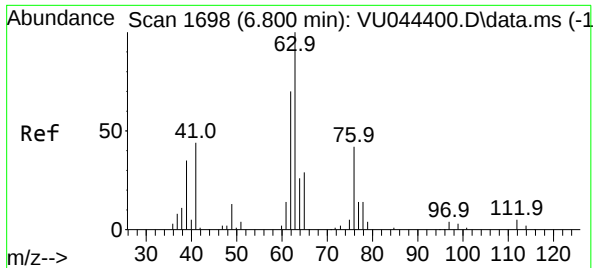
Ion Ratio Lower Upper

83 100

55 73.3 61.4 92.0

98 48.4 38.2 57.2



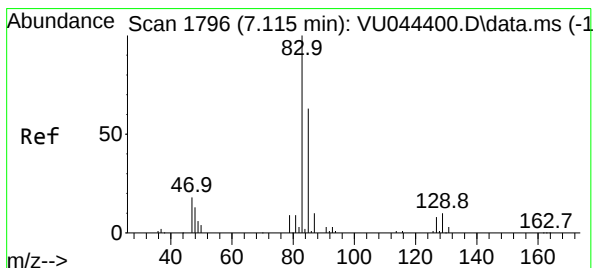
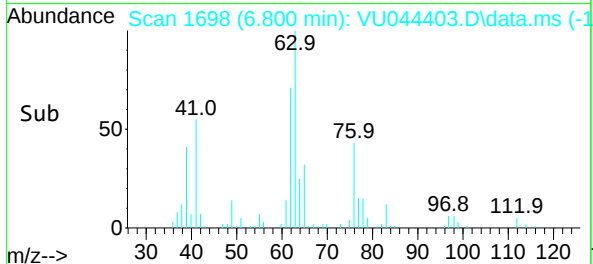
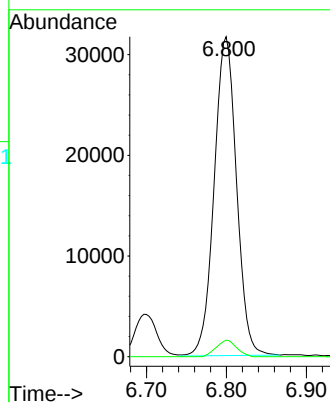
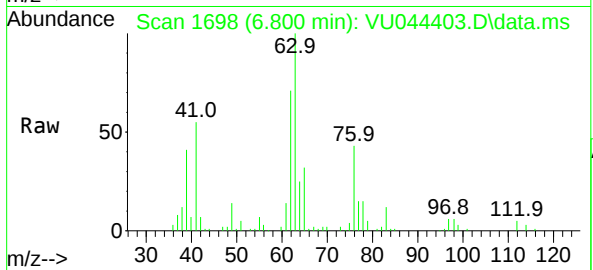


#37

1,2-Dichloropropane
Concen: 4.836 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Instrument :
MSVOA_U
ClientSampled :

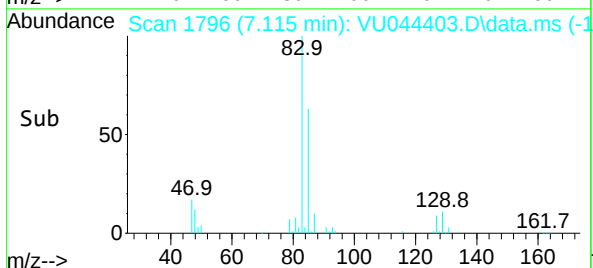
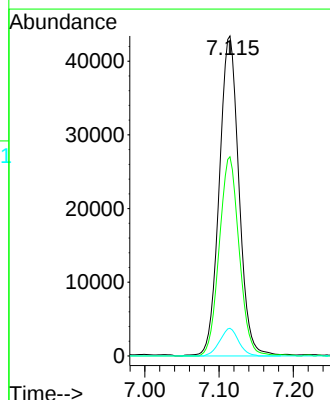
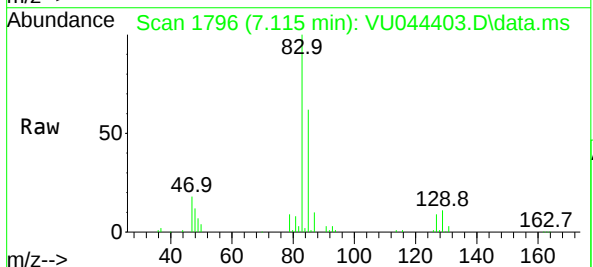
Tgt Ion: 63 Resp: 61398
Ion Ratio Lower Upper
63 100
112 4.7 3.2 4.8

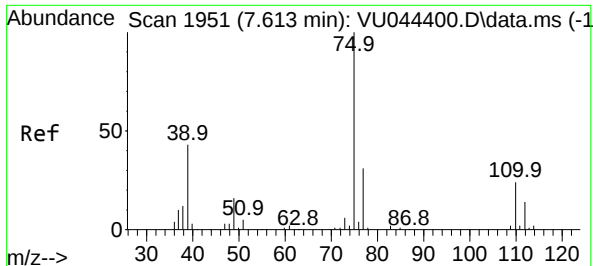


#38

Bromodichloromethane
Concen: 5.210 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 83 Resp: 80098
Ion Ratio Lower Upper
83 100
85 62.3 44.0 81.6
127 8.7 6.6 10.0



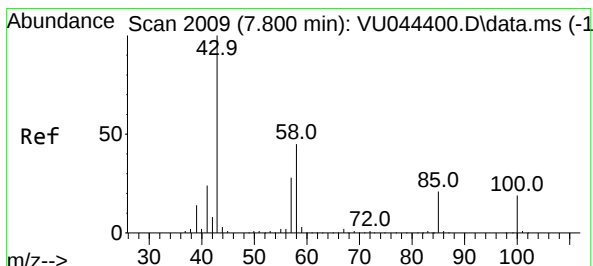
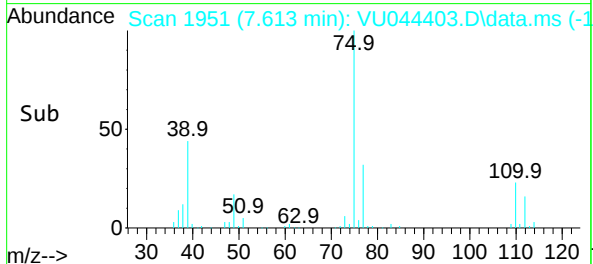
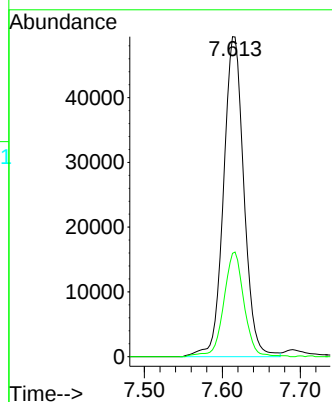
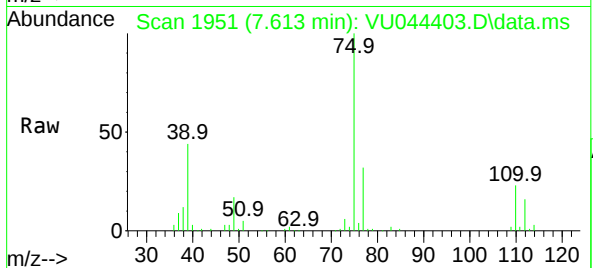


#39

cis-1,3-Dichloropropene
Concen: 4.858 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Instrument :
MSVOA_U
ClientSampled :

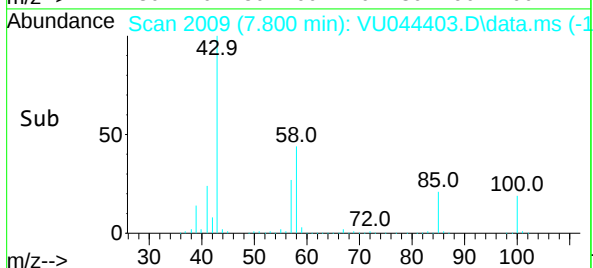
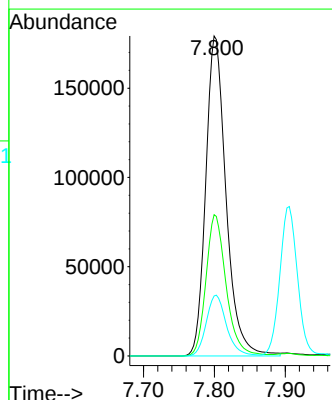
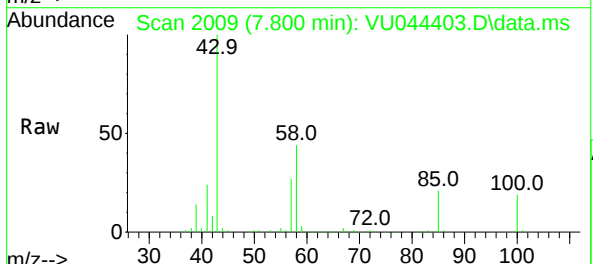
Tgt Ion: 75 Resp: 89756
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.5

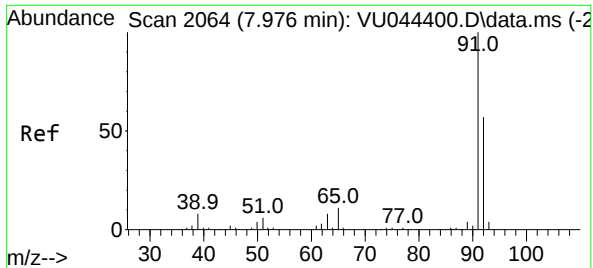


#40

4-Methyl-2-pentanone
Concen: 40.099 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

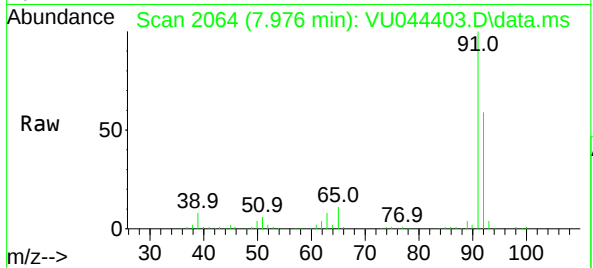
Tgt Ion: 43 Resp: 357231
Ion Ratio Lower Upper
43 100
58 43.8 34.6 52.0
100 19.0 13.9 20.9



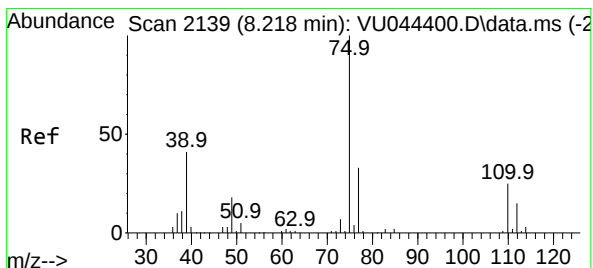
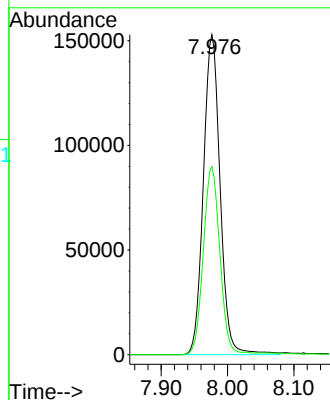
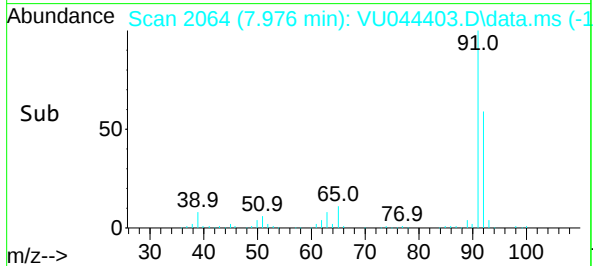


#42
Toluene
Concen: 5.149 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

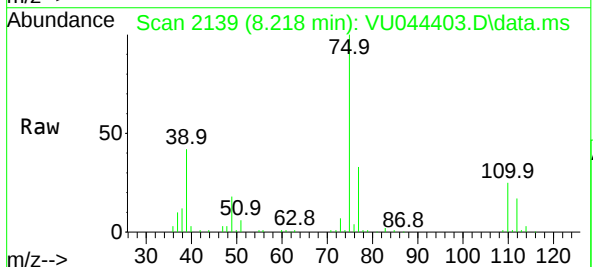
Instrument :
MSVOA_U
ClientSampled :



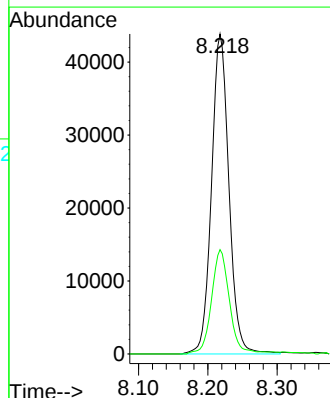
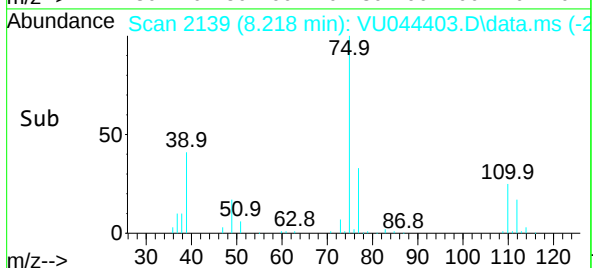
Tgt Ion: 91 Resp: 268304
Ion Ratio Lower Upper
91 100
92 58.7 41.3 76.7

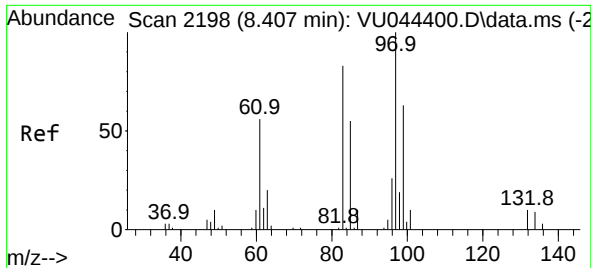


#44
trans-1,3-Dichloropropene
Concen: 4.863 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52



Tgt Ion: 75 Resp: 76445
Ion Ratio Lower Upper
75 100
77 32.6 22.5 41.7

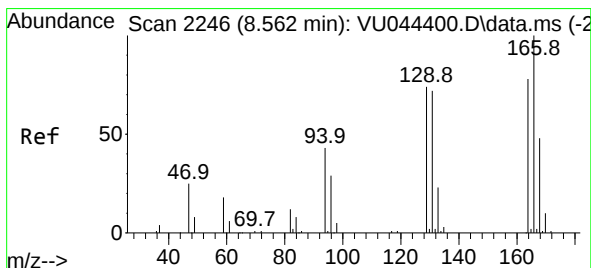
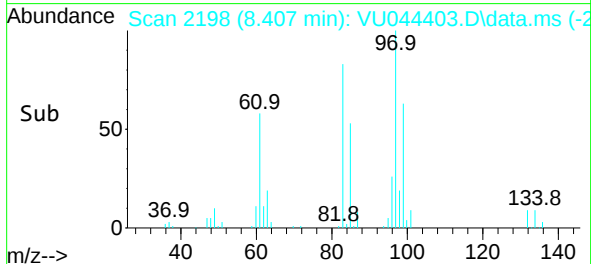
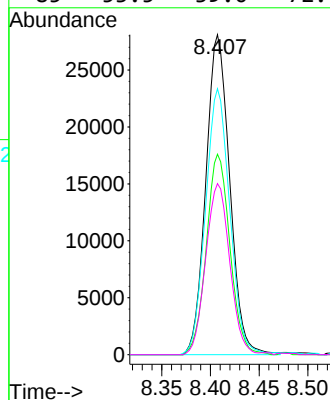
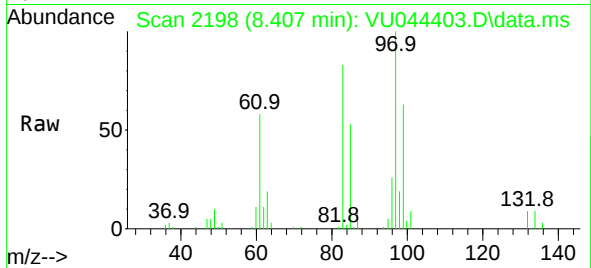




#45
1,1,2-Trichloroethane
Concen: 5.089 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

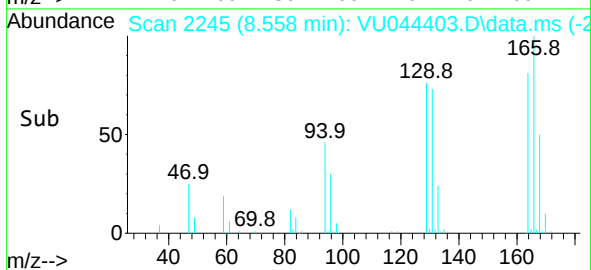
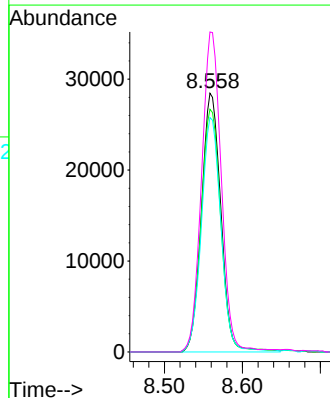
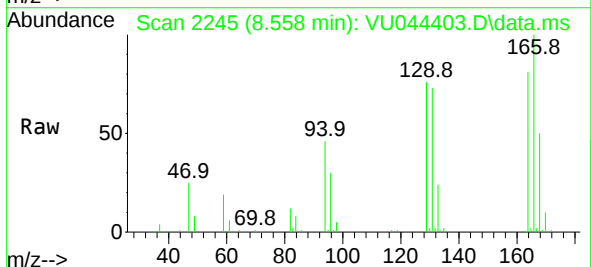
Instrument :
MSVOA_U
ClientSampled :

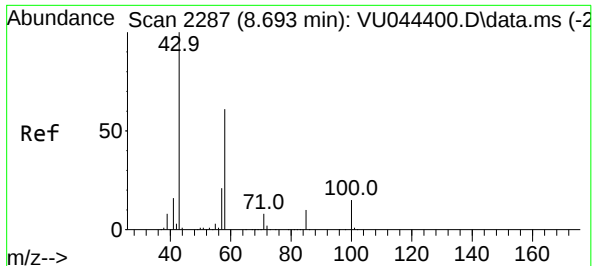
Tgt Ion:	97	Resp:	47950
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.0	81.6
83	83.1	62.2	115.4
85	53.5	39.0	72.4



#47
Tetrachloroethene
Concen: 5.393 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

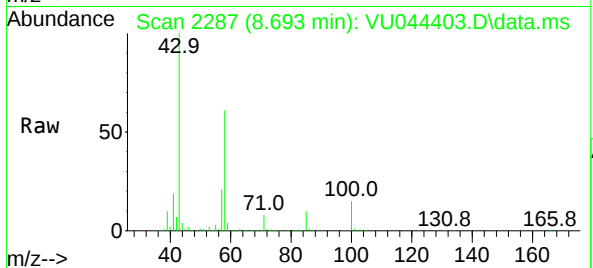
Tgt Ion:	164	Resp:	49344
Ion	Ratio	Lower	Upper
164	100		
129	93.8	67.8	126.0
131	90.6	64.7	120.1
166	123.7	87.6	162.6



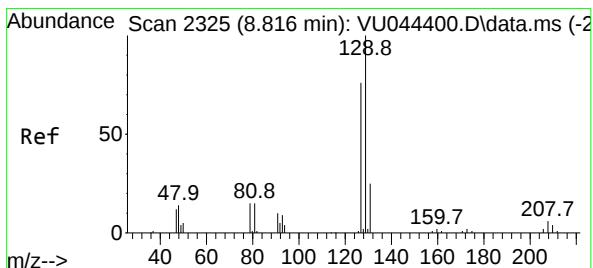
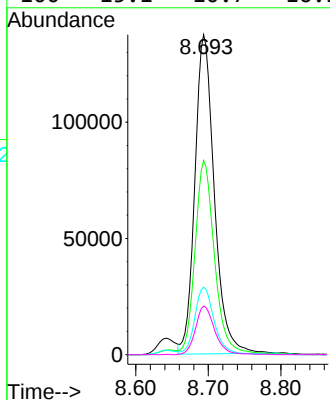
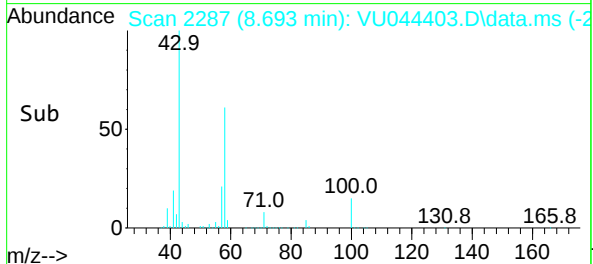


#48
2-Hexanone
Concen: 39.818 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

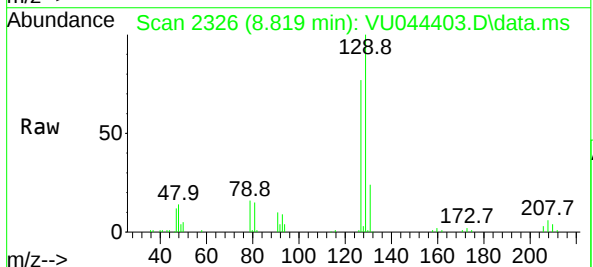
Instrument :
MSVOA_U
ClientSampled :



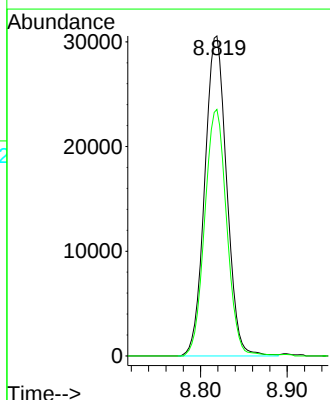
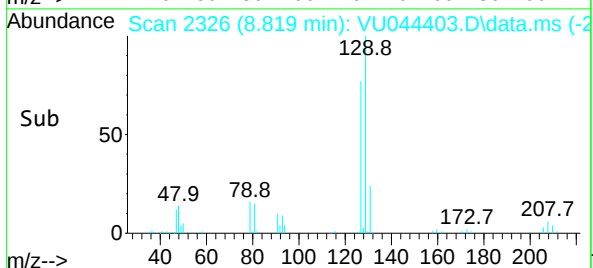
Tgt Ion: 43 Resp: 256489
Ion Ratio Lower Upper
43 100
58 61.5 47.3 70.9
57 21.0 16.6 24.8
100 15.1 10.7 16.1

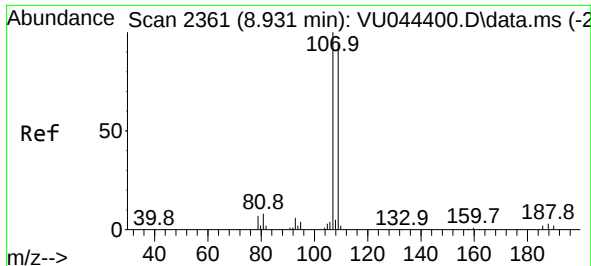


#49
Dibromochloromethane
Concen: 5.339 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52



Tgt Ion: 129 Resp: 53705
Ion Ratio Lower Upper
129 100
127 77.0 56.4 104.8





#50

1,2-Dibromoethane

Concen: 4.832 ug/L

RT: 8.931 min Scan# 2361

Delta R.T. 0.000 min

Lab File: VU044403.D

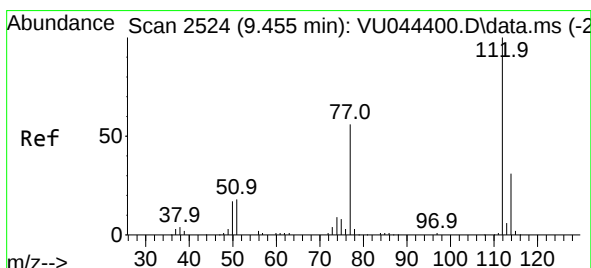
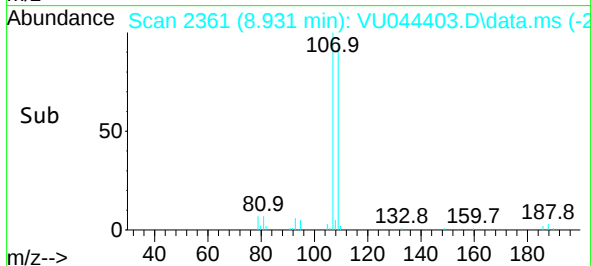
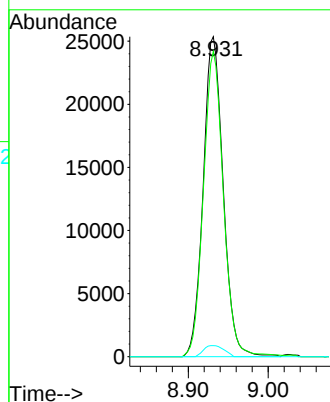
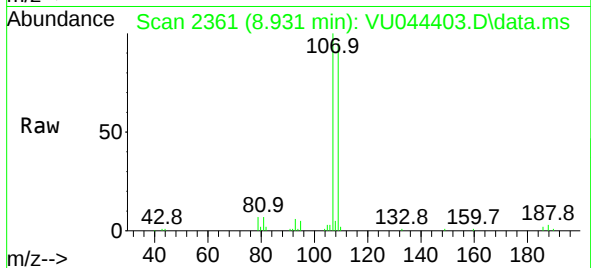
Acq: 09 Aug 2021 14:52

Instrument :

MSVOA_U

ClientSampled :

Tgt Ion:	107	Resp:	44155
Ion	Ratio	Lower	Upper
107	100		
109	95.4	66.0	122.6
188	3.5	2.8	4.2



#51

Chlorobenzene

Concen: 5.336 ug/L

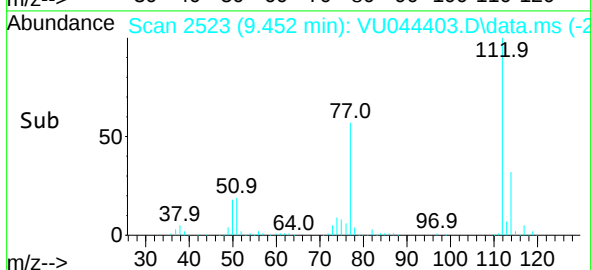
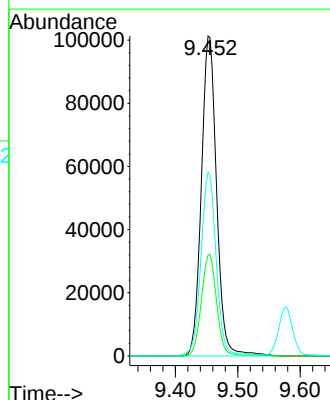
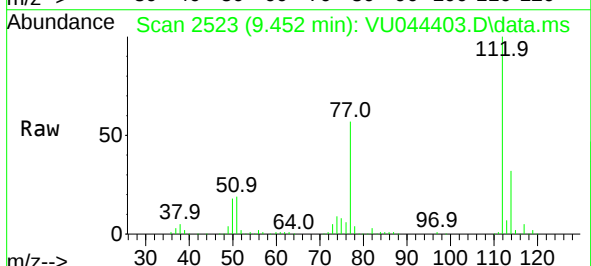
RT: 9.452 min Scan# 2523

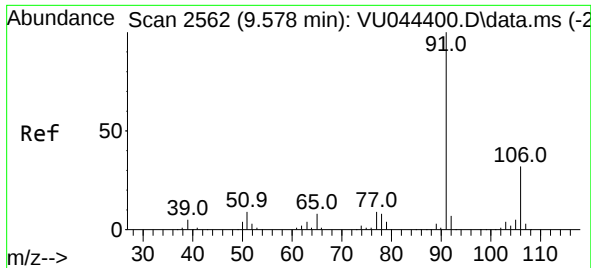
Delta R.T. -0.003 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

Tgt Ion:	112	Resp:	172094
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.7
77	57.3	48.9	73.3

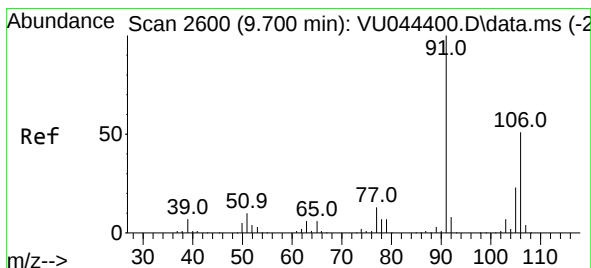
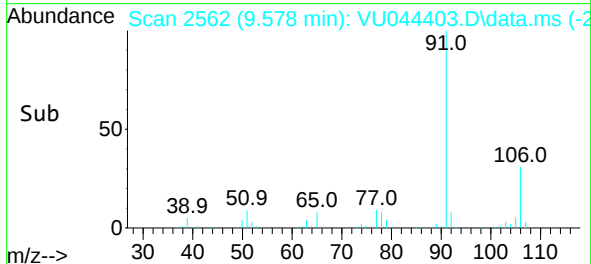
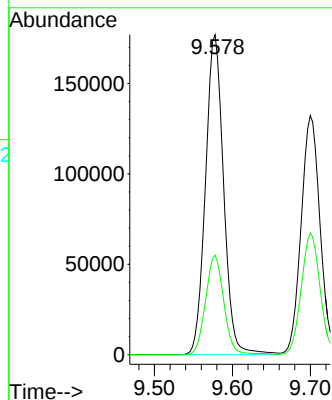
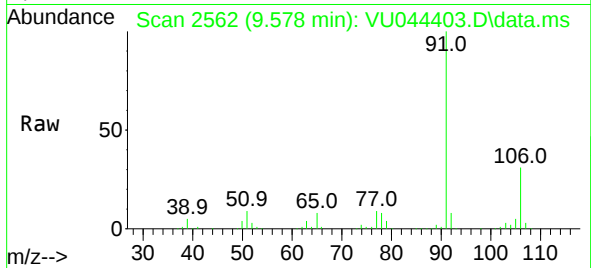




#52
Ethylbenzene
Concen: 5.162 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

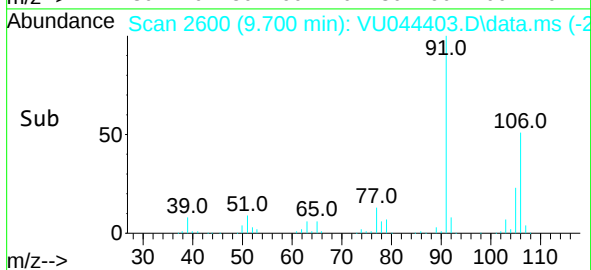
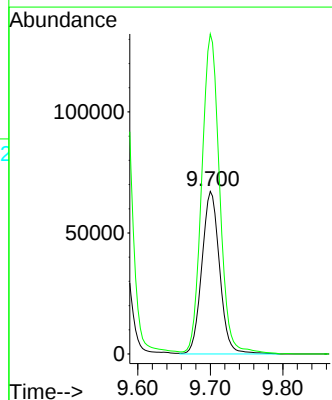
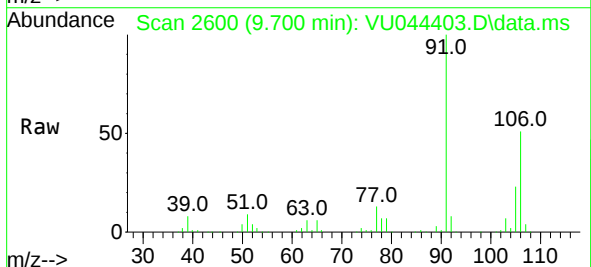
Instrument :
MSVOA_U
ClientSampled :

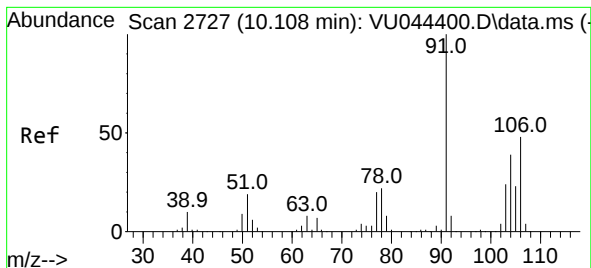
Tgt Ion: 91 Resp: 286593
Ion Ratio Lower Upper
91 100
106 31.1 20.9 38.9



#53
m,p-Xylene
Concen: 5.331 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 106 Resp: 114447
Ion Ratio Lower Upper
106 100
91 196.8 144.1 267.5

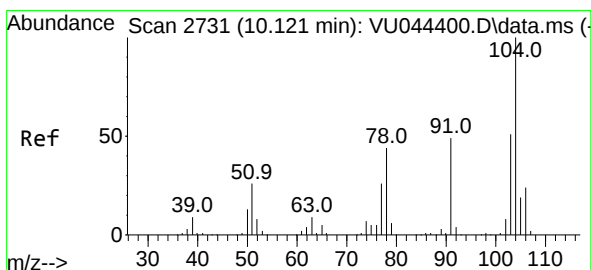
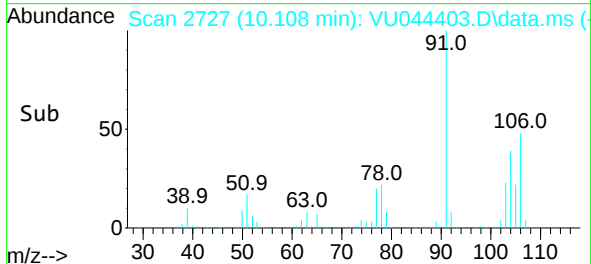
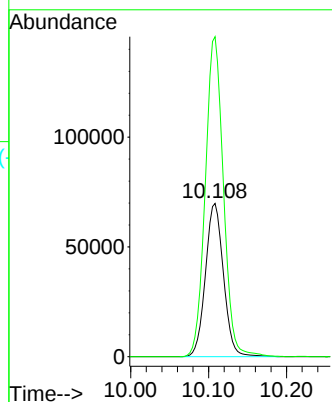
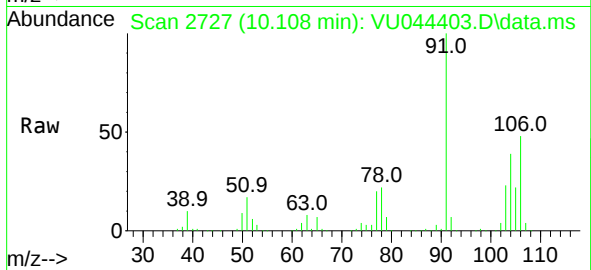




#54
o-Xylene
Concen: 5.366 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

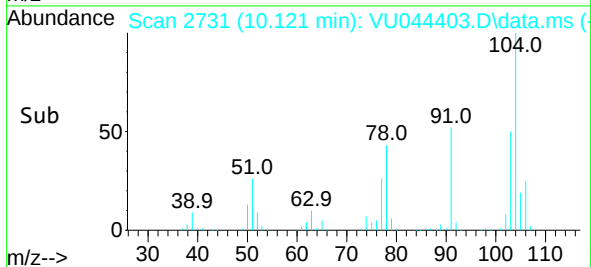
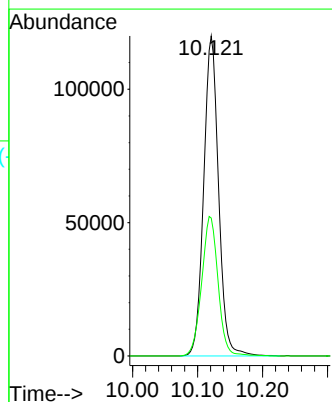
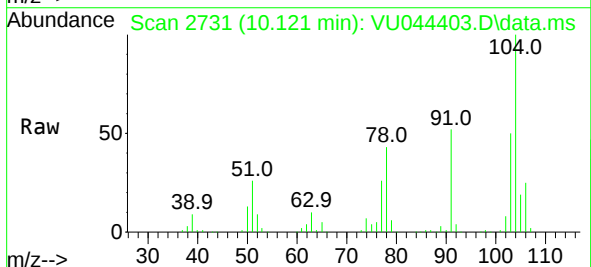
Instrument :
MSVOA_U
ClientSampled :

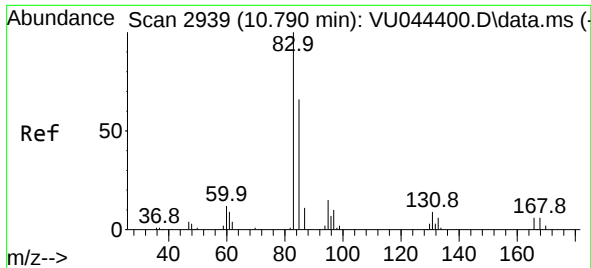
Tgt Ion:106 Resp: 112177
Ion Ratio Lower Upper
106 100
91 208.7 151.0 280.4



#55
Styrene
Concen: 5.359 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:104 Resp: 191660
Ion Ratio Lower Upper
104 100
78 43.1 32.1 59.5

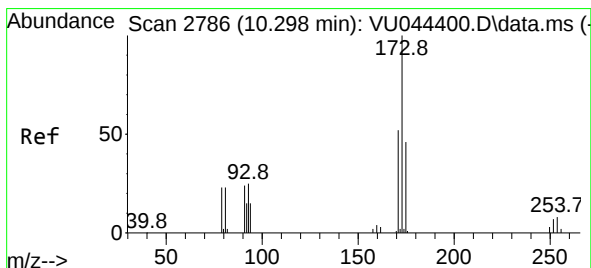
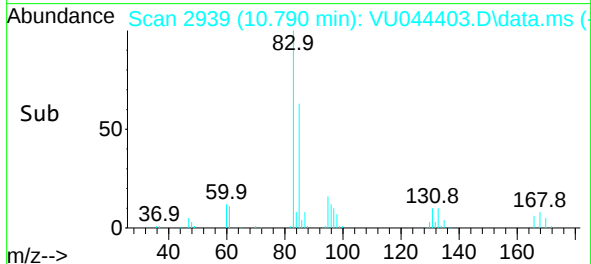
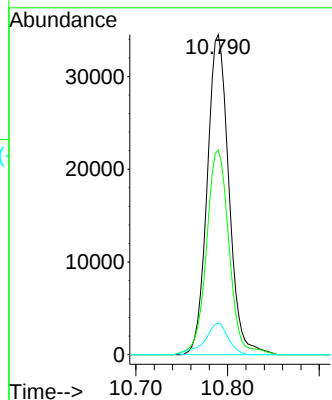
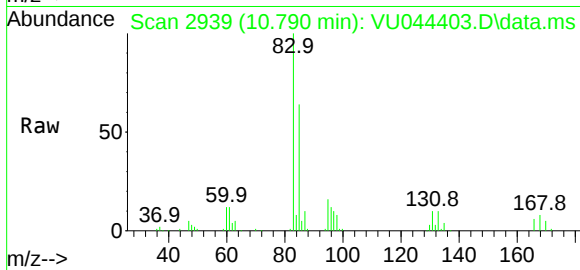




#57
1,1,2,2-Tetrachloroethane
Concen: 4.566 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

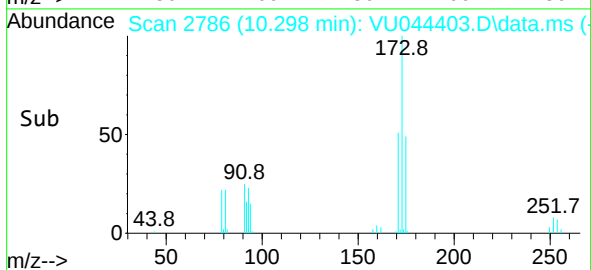
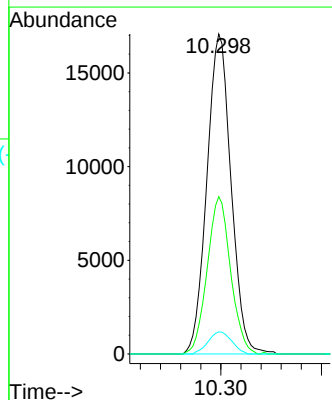
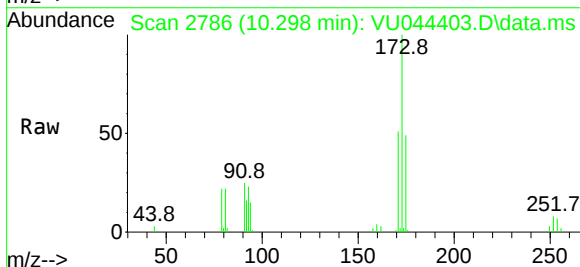
Instrument :
MSVOA_U
ClientSampled :

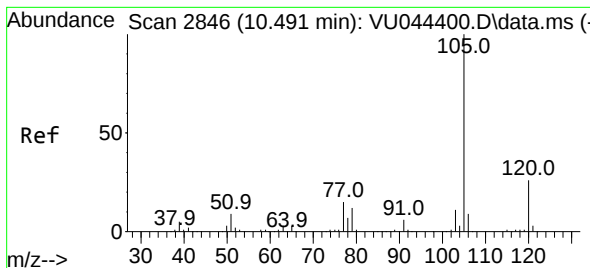
Tgt Ion: 83 Resp: 56542
Ion Ratio Lower Upper
83 100
85 63.9 43.4 80.6
131 9.9 6.6 9.8#



#59
Bromoform
Concen: 5.206 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:173 Resp: 28478
Ion Ratio Lower Upper
173 100
175 47.5 38.6 57.8
254 6.7 5.4 8.2





#60

Isopropylbenzene

Concen: 5.317 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

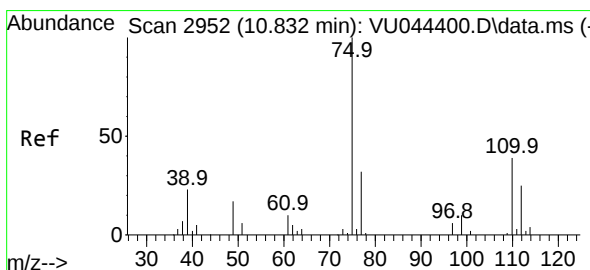
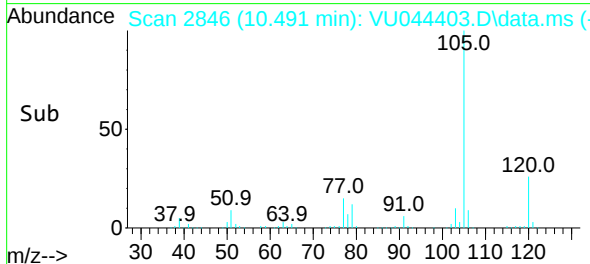
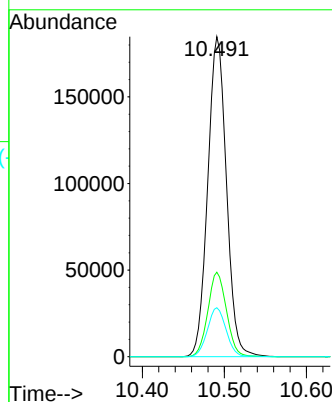
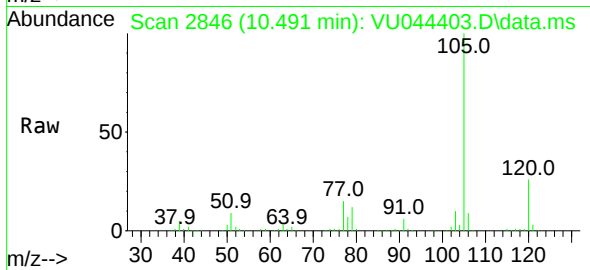
Tgt Ion:105 Resp: 293250

Ion Ratio Lower Upper

105 100

120 26.3 20.7 31.1

77 15.4 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.472 ug/L

RT: 10.832 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VU044403.D

Acq: 09 Aug 2021 14:52

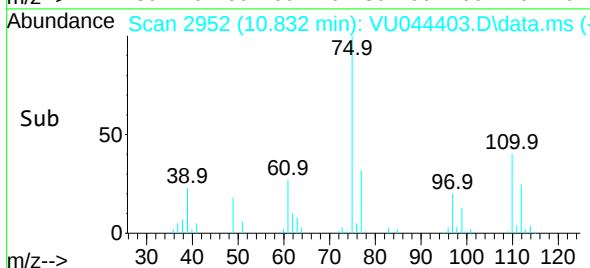
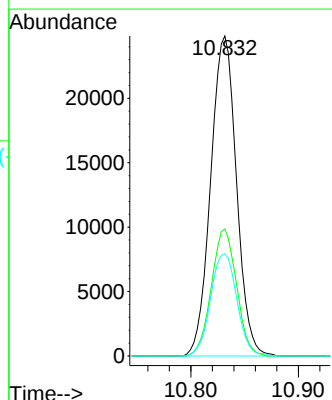
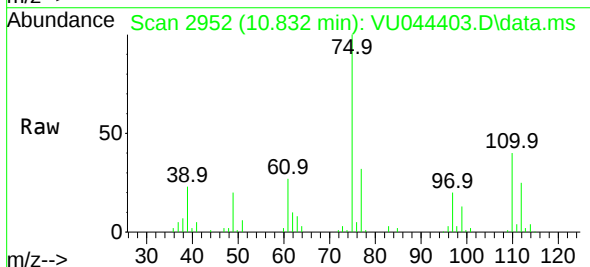
Tgt Ion: 75 Resp: 41351

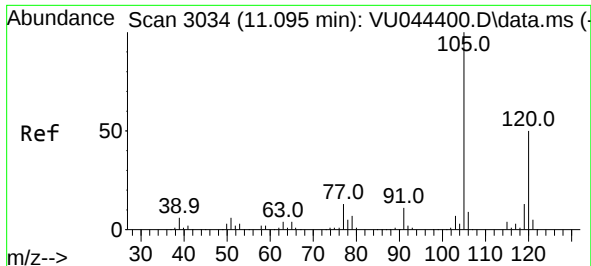
Ion Ratio Lower Upper

75 100

110 38.6 30.2 45.2

77 32.7 26.2 39.2

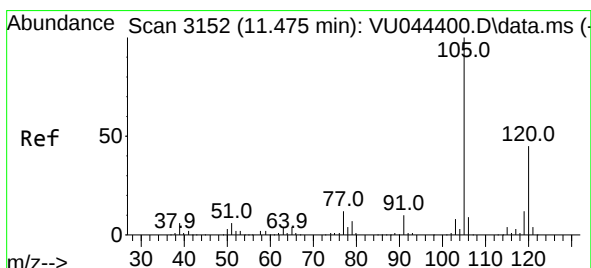
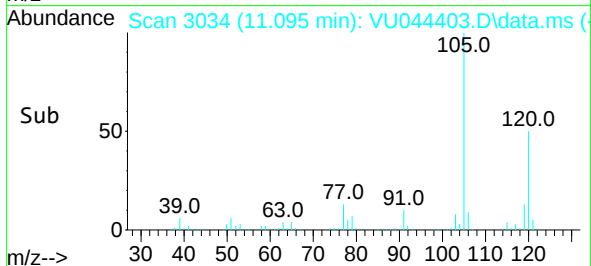
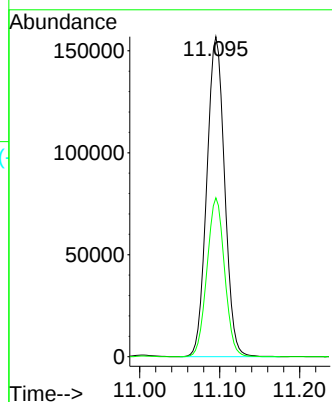
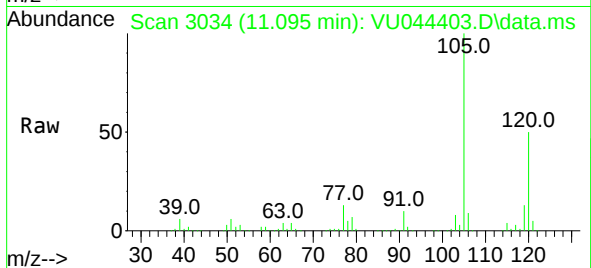




#62
1,3,5-Trimethylbenzene
Concen: 5.261 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

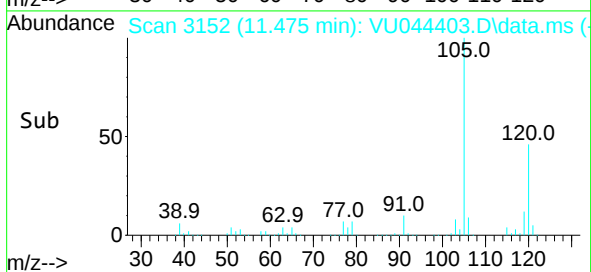
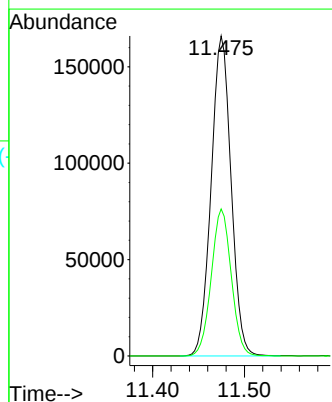
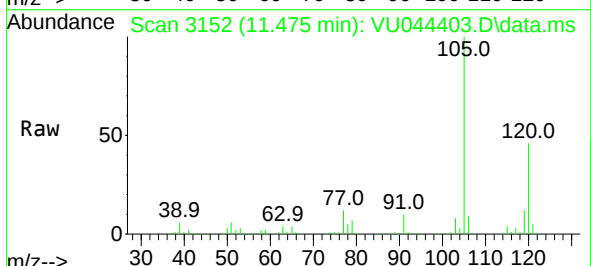
Instrument :
MSVOA_U
ClientSampled :

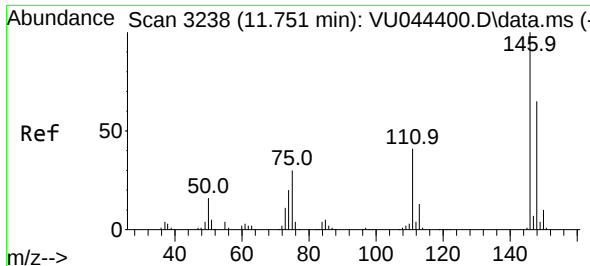
Tgt Ion:105 Resp: 243103
Ion Ratio Lower Upper
105 100
120 49.1 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.295 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:105 Resp: 251019
Ion Ratio Lower Upper
105 100
120 46.0 36.0 54.0

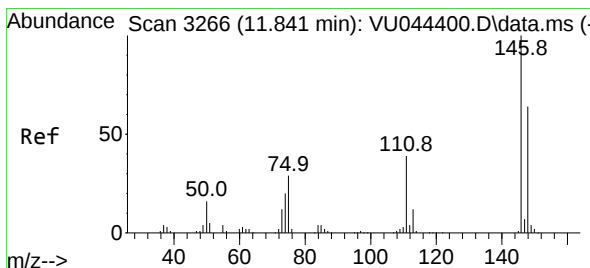
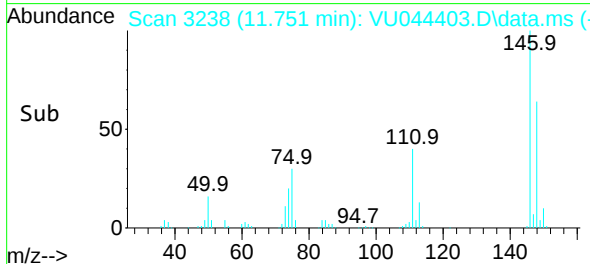
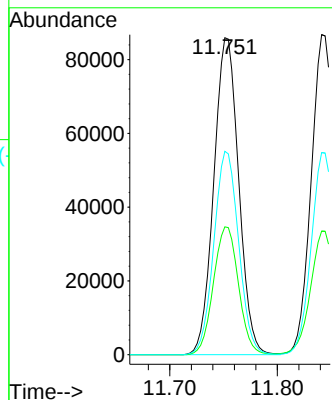
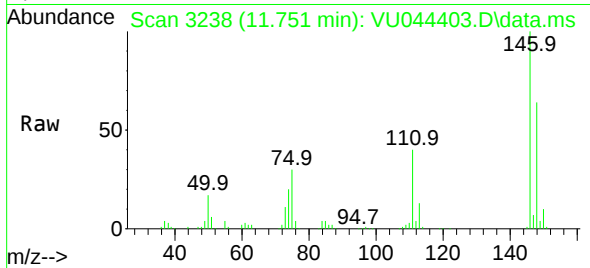




#64
1,3-Dichlorobenzene
Concen: 5.472 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

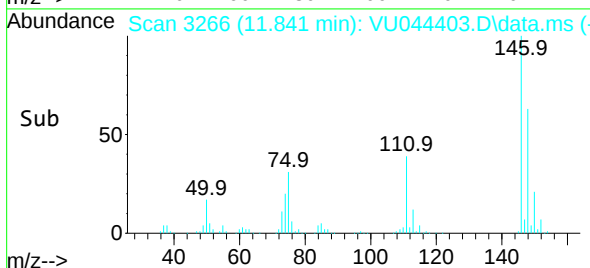
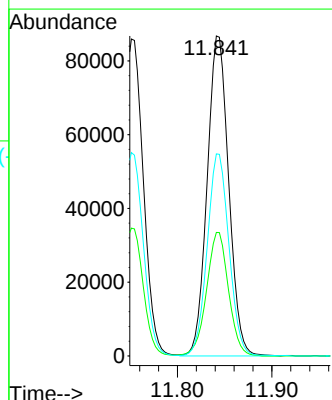
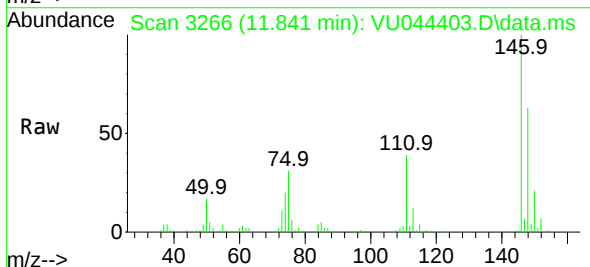
Instrument :
MSVOA_U
ClientSampled :

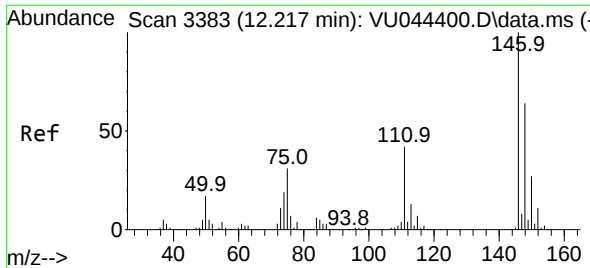
Tgt Ion:146 Resp: 138208
Ion Ratio Lower Upper
146 100
111 40.3 29.5 54.7
148 64.2 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.339 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:146 Resp: 137468
Ion Ratio Lower Upper
146 100
111 38.6 28.8 53.4
148 63.1 44.9 83.3

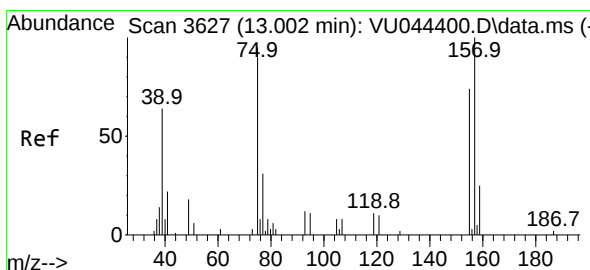
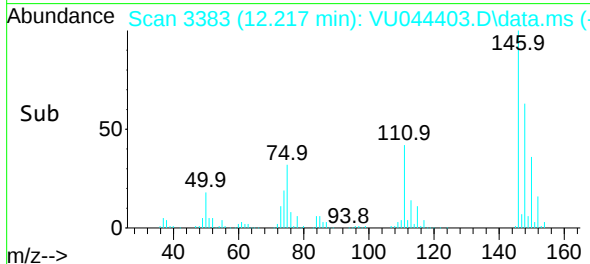
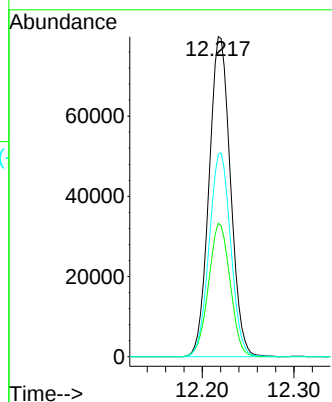
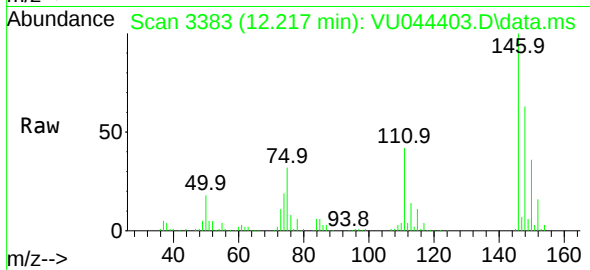




#67
1,2-Dichlorobenzene
Concen: 5.324 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

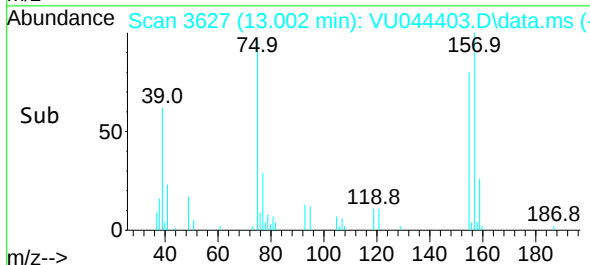
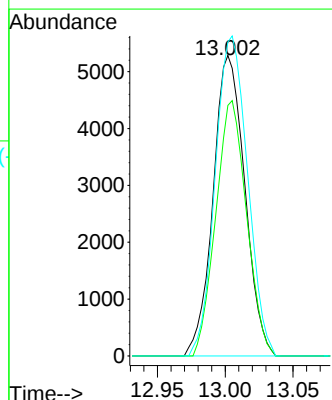
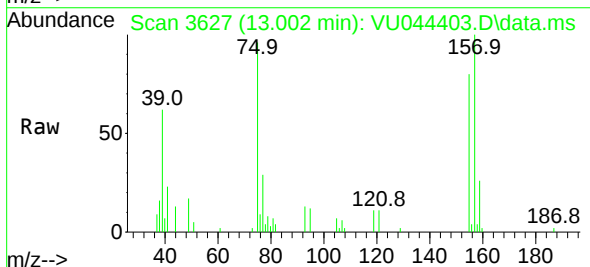
Instrument :
MSVOA_U
ClientSampled :

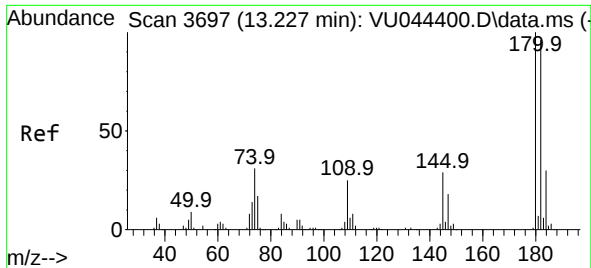
Tgt Ion:146 Resp: 129477
Ion Ratio Lower Upper
146 100
111 41.7 35.1 52.7
148 63.3 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.295 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion: 75 Resp: 8590
Ion Ratio Lower Upper
75 100
155 83.4 63.2 94.8
157 104.4 85.8 128.6

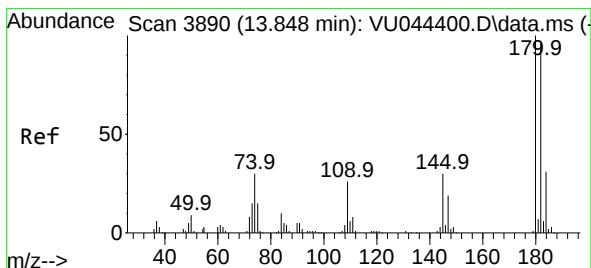
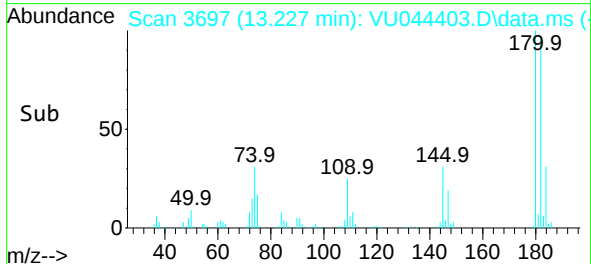
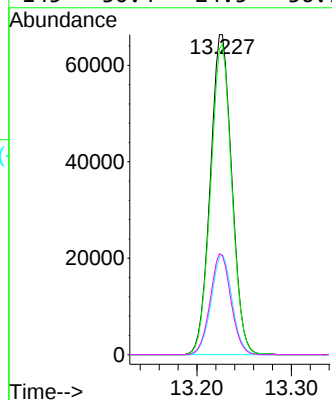
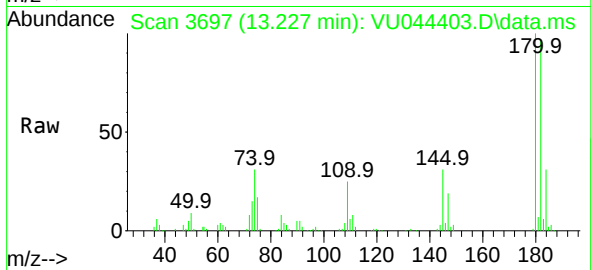




#69
1,3,5-Trichlorobenzene
Concen: 5.554 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

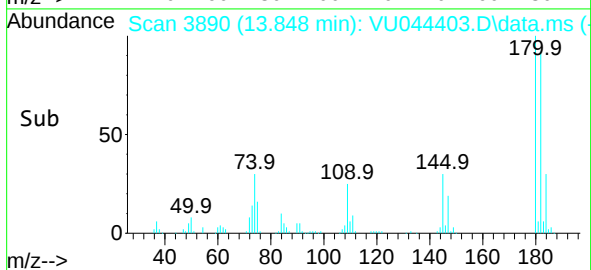
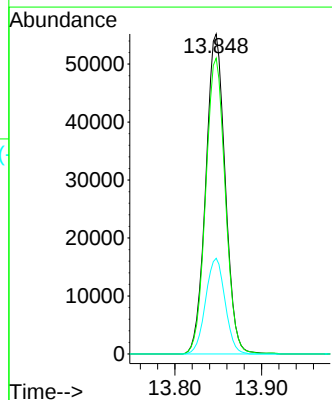
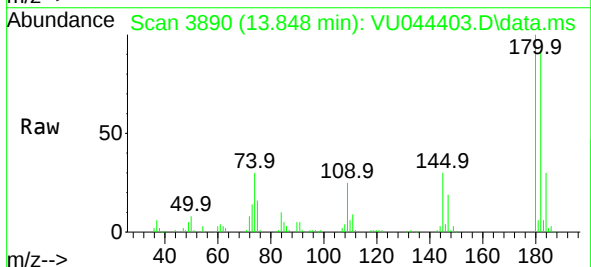
Instrument :
MSVOA_U
ClientSampled :

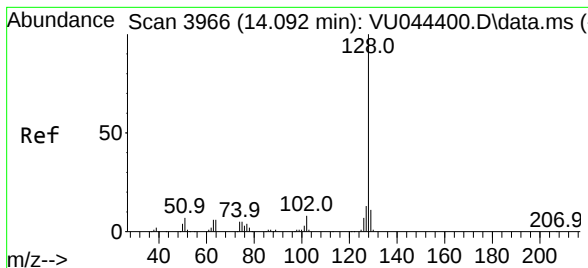
Tgt Ion:180 Resp: 104800
Ion Ratio Lower Upper
180 100
182 95.3 75.6 113.4
184 30.3 23.8 35.6
145 30.4 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 5.380 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:180 Resp: 85927
Ion Ratio Lower Upper
180 100
182 93.2 76.3 114.5
145 30.0 24.7 37.1

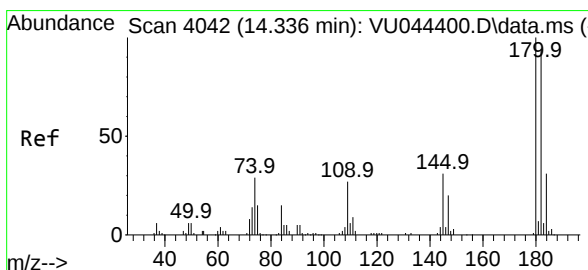
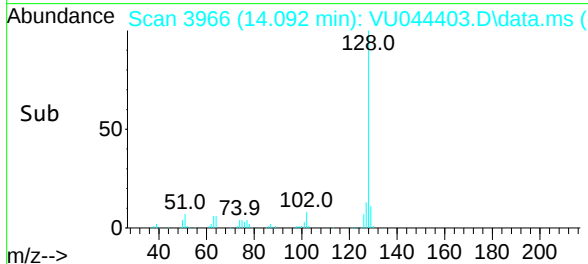
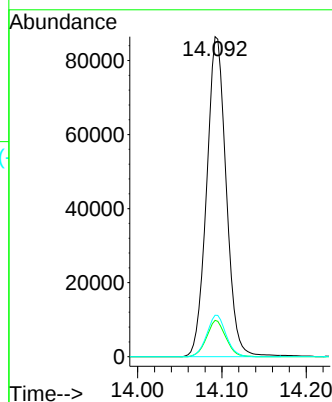
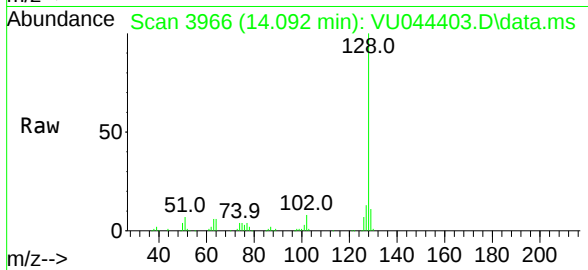




#71
Naphthalene
Concen: 4.451 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 139679
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.254 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.000 min
Lab File: VU044403.D
Acq: 09 Aug 2021 14:52

Tgt Ion:180 Resp: 76068
Ion Ratio Lower Upper
180 100
182 95.6 76.6 115.0
145 31.8 27.0 40.4

