

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044405.D
 Acq On : 10 Aug 2021 11:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 01:02:17 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	162990	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	161483	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	85316	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	51578	3.787	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	75.800%	
7) Chloroethane-d5	1.916	69	63434	5.426	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.600%	
11) 1,1-Dichloroethene-d2	2.568	65	24959	4.351	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.639	46	158342	39.210	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.420%	
24) Chloroform-d	5.073	84	127441	5.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.710	65	64313	4.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.735	84	257855	5.096	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
36) 1,2-Dichloropropane-d6	6.700	67	79065	5.028	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	100.600%	
41) Toluene-d8	7.906	98	236608	5.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
43) trans-1,3-Dichloroprop...	8.189	79	25023	4.088	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.800%	
46) 2-Hexanone-d5	8.642	63	138875	37.577	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	75.160%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	63629	4.525	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.600%	
66) 1,2-Dichlorobenzene-d4	12.201	152	88861	5.409	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	68099	4.664	ug/L	98
3) Chloromethane	1.520	50	70844	4.504	ug/L	99
5) Vinyl chloride	1.604	62	78788	4.779	ug/L	100
6) Bromomethane	1.858	94	47826	5.153	ug/L	98
8) Chloroethane	1.935	64	51017	5.360	ug/L	99
9) Trichlorofluoromethane	2.141	101	99601	5.492	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58452	5.337	ug/L	97
12) 1,1-Dichloroethene	2.581	96	52000	4.856	ug/L	96
13) Acetone	2.649	43	68309	35.524	ug/L	96
14) Carbon disulfide	2.797	76	132401	3.787	ug/L	99
15) Methyl Acetate	2.964	43	19872	4.525	ug/L #	89
16) Methylene chloride	3.051	84	69381	4.859	ug/L	94
17) Methyl tert-butyl Ether	3.372	73	138009	4.703	ug/L	99
18) trans-1,2-Dichloroethene	3.356	96	56333	4.919	ug/L	92
19) 1,1-Dichloroethane	3.877	63	104284	5.052	ug/L	99
21) 2-Butanone	4.719	43	147934	41.445	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	63662	5.088	ug/L	96
23) Bromochloromethane	4.983	128	28528	5.263	ug/L	93
25) Chloroform	5.095	83	111446	5.243	ug/L	99

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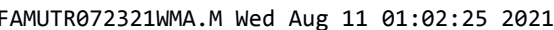
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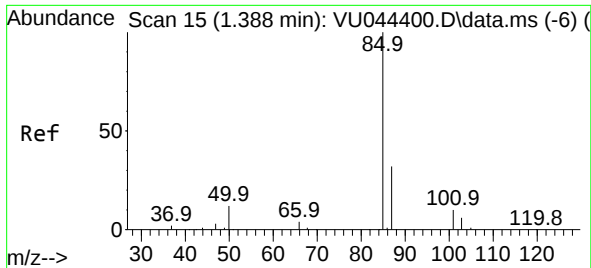
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	69152	4.979	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	92297	5.263	ug/L	98
30) Cyclohexane	5.394	56	83447	4.072	ug/L	94
31) Carbon tetrachloride	5.533	117	76547	5.219	ug/L	100
33) Benzene	5.780	78	239715	4.878	ug/L	100
34) Trichloroethene	6.549	95	63770	5.189	ug/L	96
35) Methylcyclohexane	6.771	83	94756	4.419	ug/L	96
37) 1,2-Dichloropropane	6.800	63	61608	4.920	ug/L	98
38) Bromodichloromethane	7.111	83	78803	5.197	ug/L	100
39) cis-1,3-Dichloropropene	7.616	75	90218	4.950	ug/L	98
40) 4-Methyl-2-pentanone	7.803	43	361127	41.099	ug/L	99
42) Toluene	7.976	91	263930	5.135	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	75556	4.874	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	47380	5.098	ug/L	99
47) Tetrachloroethene	8.562	164	47019	5.210	ug/L	97
48) 2-Hexanone	8.693	43	257442	40.521	ug/L	96
49) Dibromochloromethane	8.819	129	53109	5.353	ug/L	98
50) 1,2-Dibromoethane	8.931	107	43179	4.791	ug/L	100
51) Chlorobenzene	9.455	112	166341	5.229	ug/L	96
52) Ethylbenzene	9.578	91	278817	5.092	ug/L	96
53) m,p-Xylene	9.700	106	109813	5.186	ug/L	96
54) o-Xylene	10.108	106	109615	5.317	ug/L	97
55) Styrene	10.121	104	188019	5.331	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	57992	4.748	ug/L	97
59) Bromoform	10.298	173	28381	5.245	ug/L	99
60) Isopropylbenzene	10.491	105	288501	5.287	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	41542	4.541	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	239871	5.247	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	246045	5.247	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	136318	5.455	ug/L	98
65) 1,4-Dichlorobenzene	11.844	146	137892	5.414	ug/L	98
67) 1,2-Dichlorobenzene	12.221	146	128907	5.358	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.005	75	8673	4.383	ug/L	93
69) 1,3,5-Trichlorobenzene	13.227	180	104427	5.594	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	84252	5.332	ug/L	99
71) Naphthalene	14.095	128	143658	4.628	ug/L	100
72) 1,2,3-Trichlorobenzene	14.336	180	75315	5.258	ug/L	99

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

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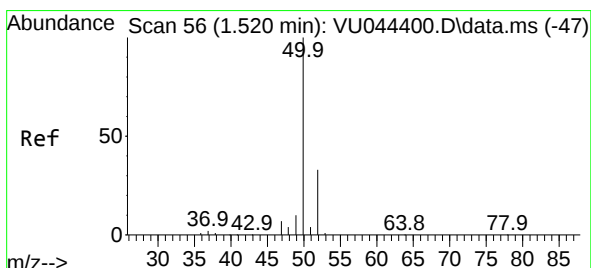
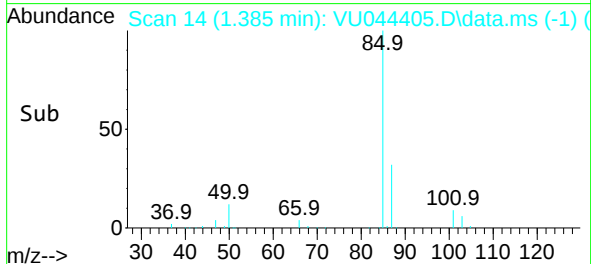
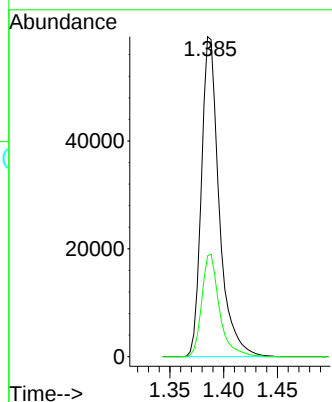
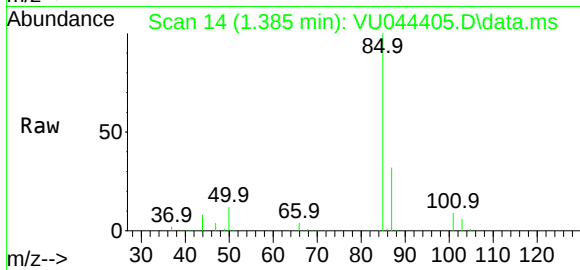




#2
Dichlorodifluoromethane
Concen: 4.664 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

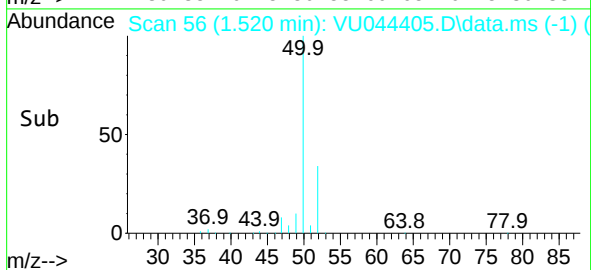
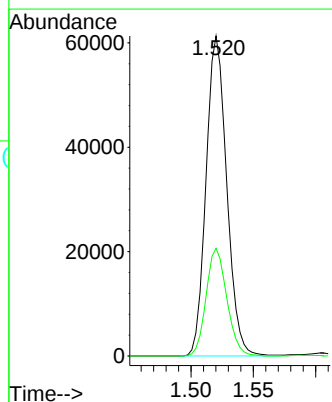
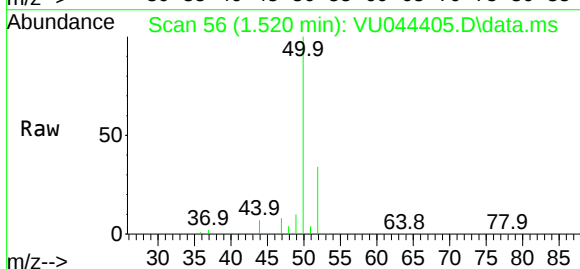
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MSVOA_U
ClientSampled :

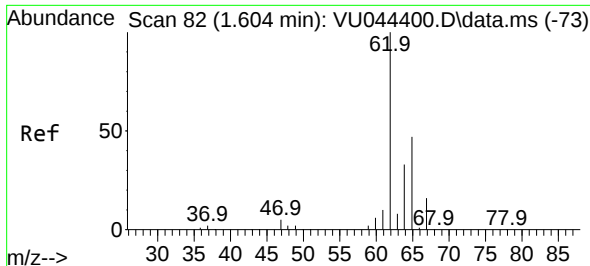
Tgt Ion: 85 Resp: 68099
Ion Ratio Lower Upper
85 100
87 31.8 26.2 39.2



#3
Chloromethane
Concen: 4.504 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 50 Resp: 70844
Ion Ratio Lower Upper
50 100
52 33.7 23.2 43.0

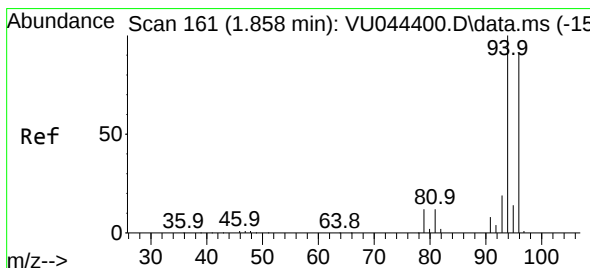
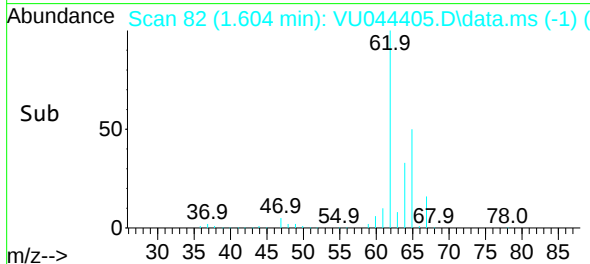
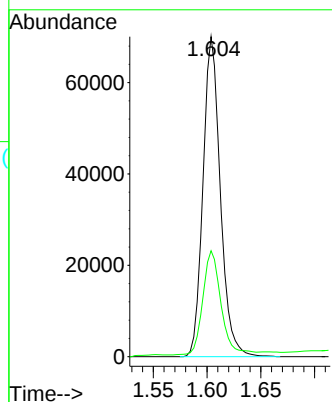
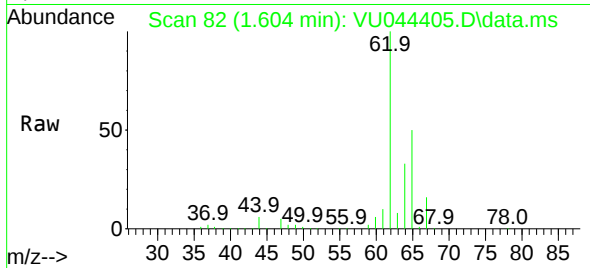




#5
 Vinyl chloride
 Concen: 4.779 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU044405.D
 Acq: 10 Aug 2021 11:13

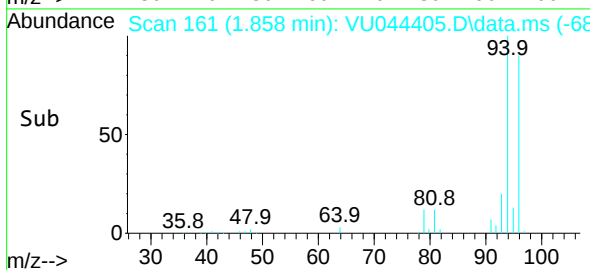
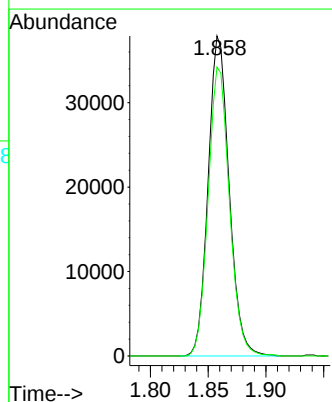
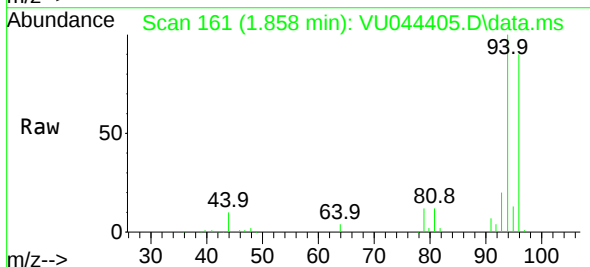
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 ClientSampled :

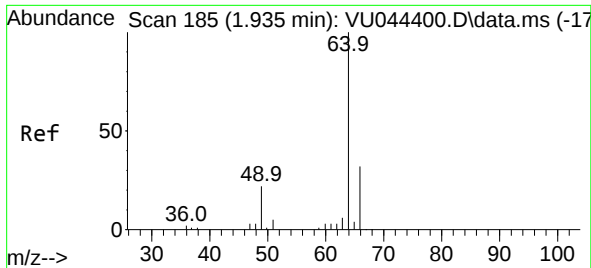
Tgt Ion: 62 Resp: 78788
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.2



#6
 Bromomethane
 Concen: 5.153 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU044405.D
 Acq: 10 Aug 2021 11:13

Tgt Ion: 94 Resp: 47826
 Ion Ratio Lower Upper
 94 100
 96 90.3 64.5 119.9

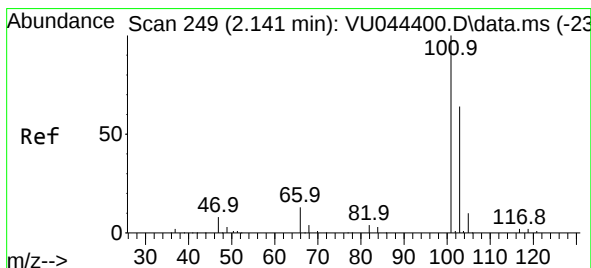
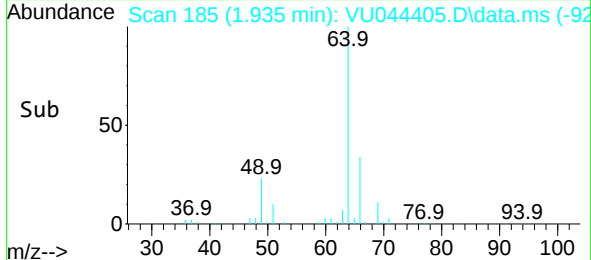
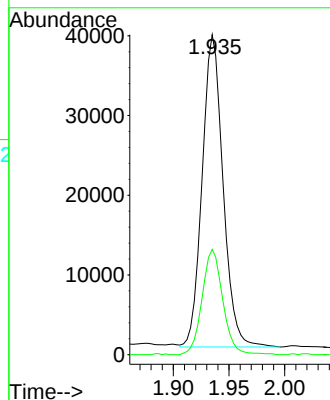
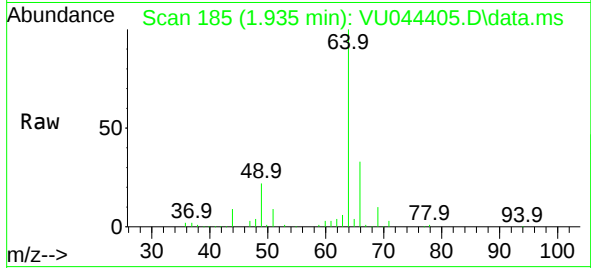




#8
Chloroethane
Concen: 5.360 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

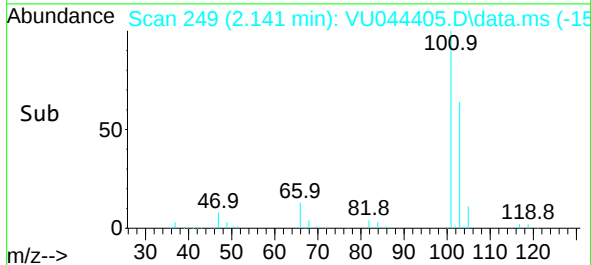
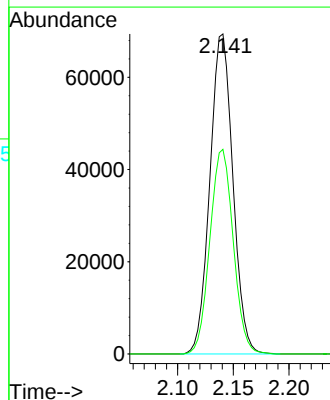
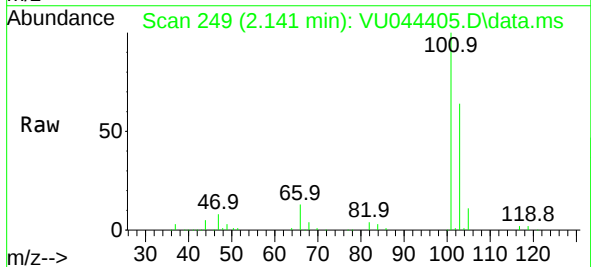
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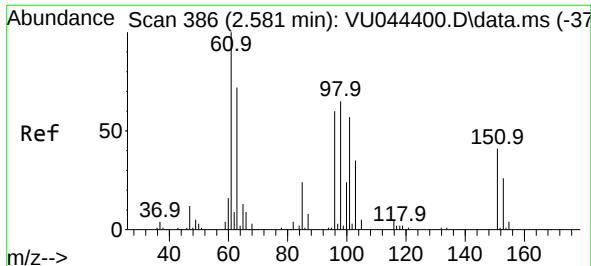
Tgt Ion: 64 Resp: 51017
Ion Ratio Lower Upper
64 100
66 32.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.492 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:101 Resp: 99601
Ion Ratio Lower Upper
101 100
103 65.1 52.1 78.1

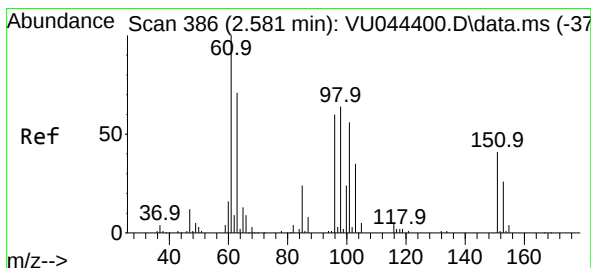
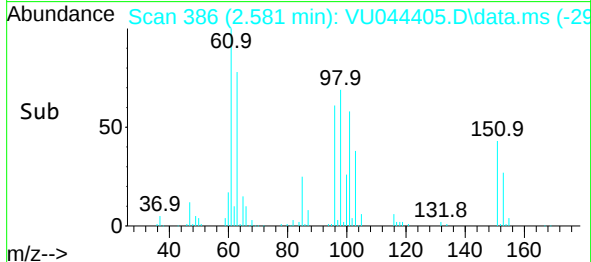
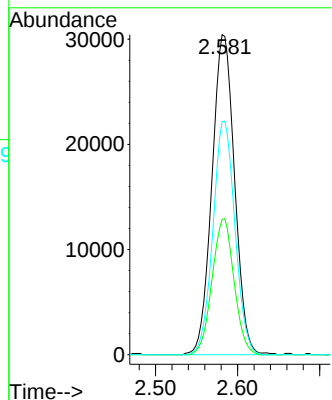
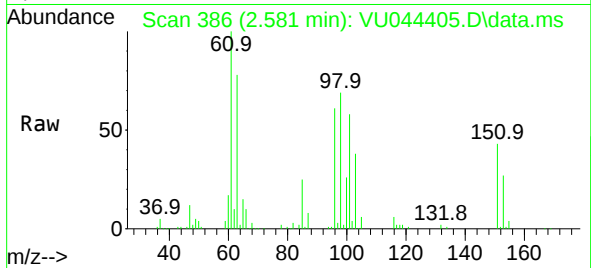




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.337 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

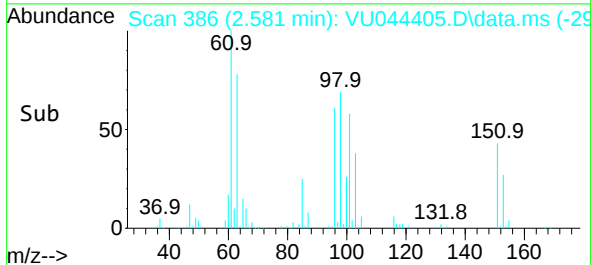
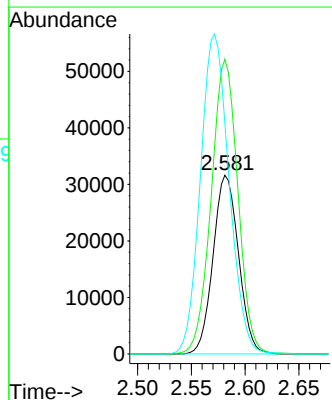
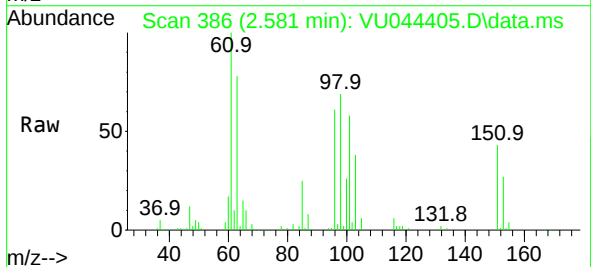
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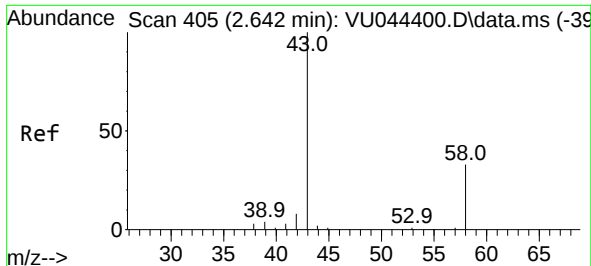
Tgt Ion:101 Resp: 58452
Ion Ratio Lower Upper
101 100
85 41.2 34.2 51.4
151 71.1 54.8 82.2



#12
1,1-Dichloroethene
Concen: 4.856 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 96 Resp: 52000
Ion Ratio Lower Upper
96 100
61 164.8 118.3 219.7
63 129.3 85.7 159.1

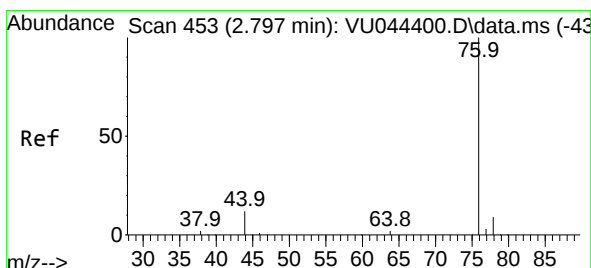
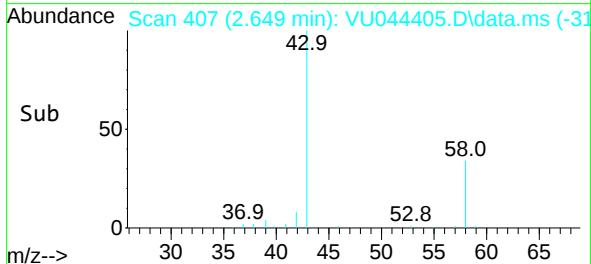
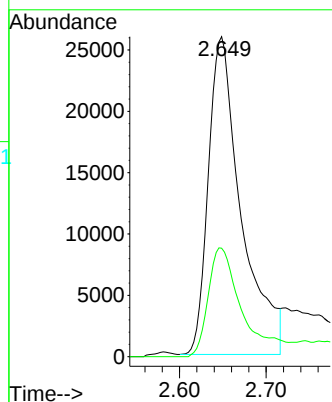
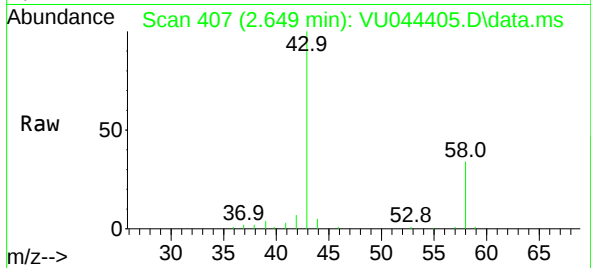




#13
Acetone
Concen: 35.524 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.006 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

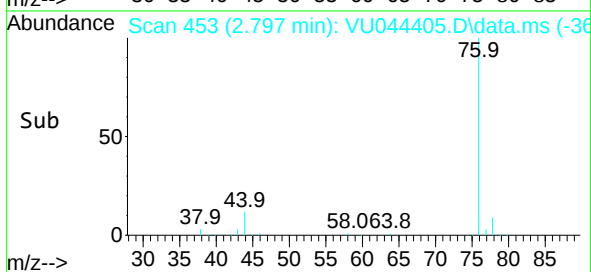
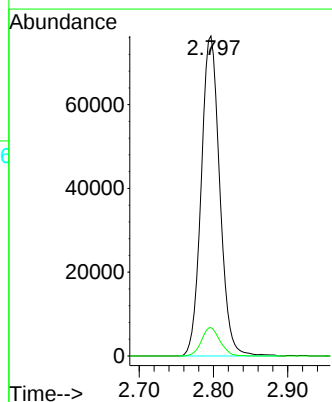
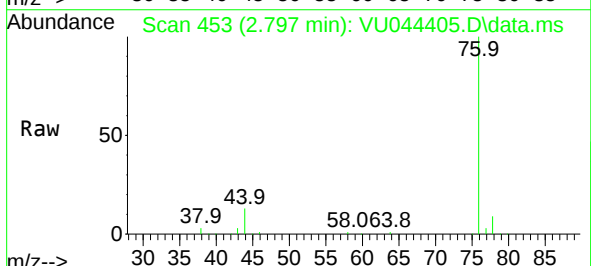
Instrument :
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ClientSampled :

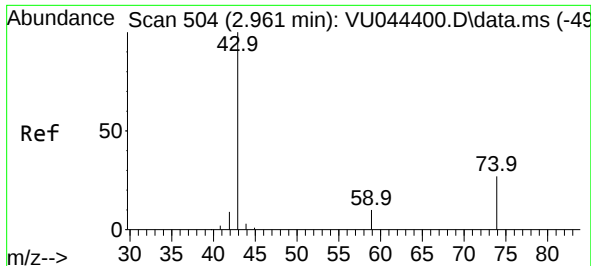
Tgt Ion: 43 Resp: 68309
Ion Ratio Lower Upper
43 100
58 35.7 0.0 67.2



#14
Carbon disulfide
Concen: 3.787 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044405.D
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Tgt Ion: 76 Resp: 132401
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

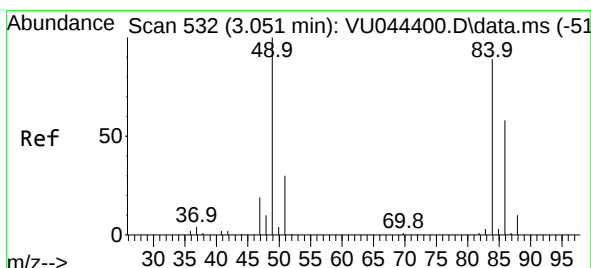
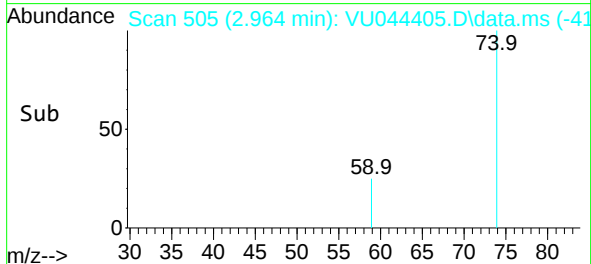
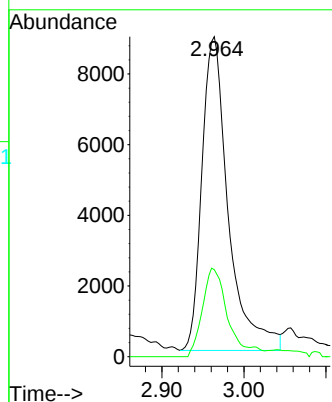
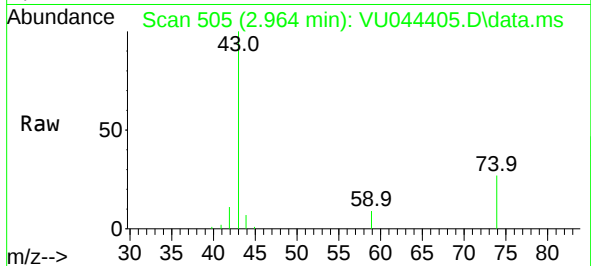




#15
Methyl Acetate
Concen: 4.525 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

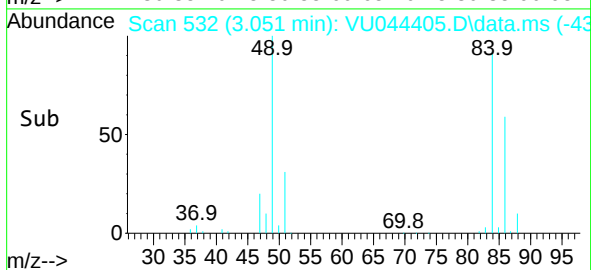
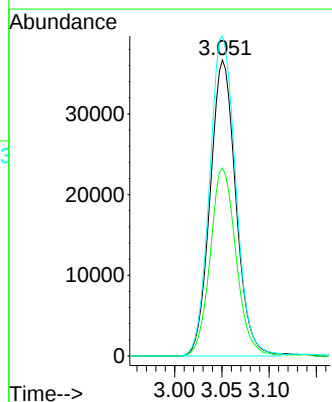
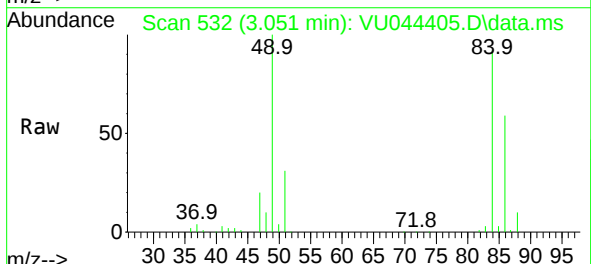
Instrument :
MSVOA_U
ClientSampled :

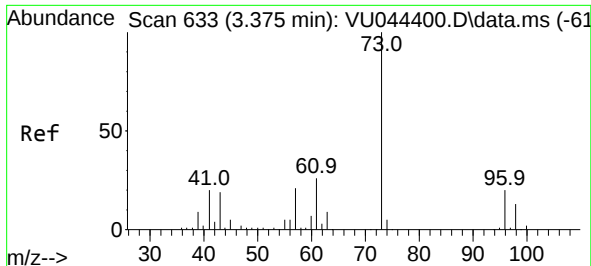
Tgt Ion: 43 Resp: 19872
Ion Ratio Lower Upper
43 100
74 26.1 16.7 25.1#



#16
Methylene chloride
Concen: 4.859 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 84 Resp: 69381
Ion Ratio Lower Upper
84 100
86 63.5 45.2 84.0
49 108.1 81.8 152.0



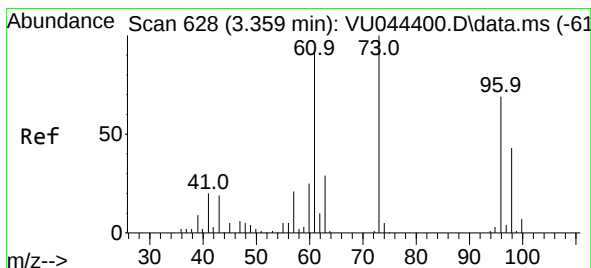
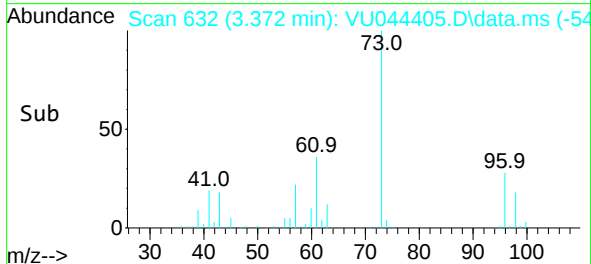
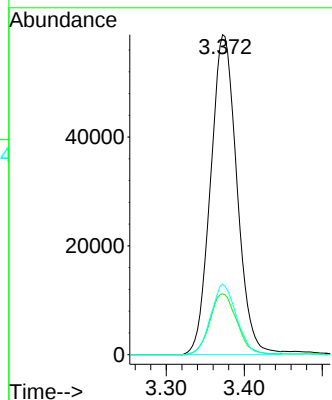
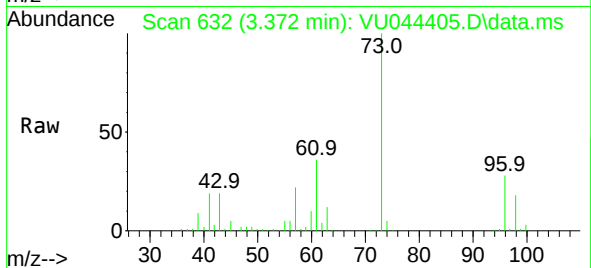


#17

Methyl tert-butyl Ether
Concen: 4.703 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Instrument :
MSVOA_U
ClientSampled :

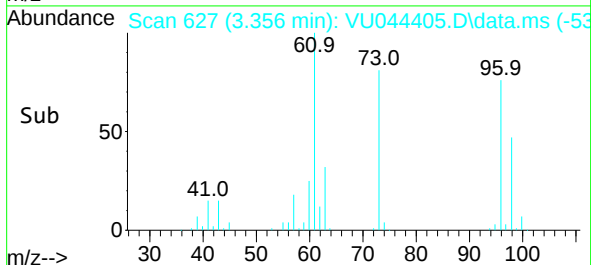
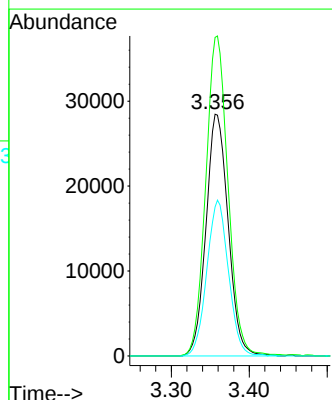
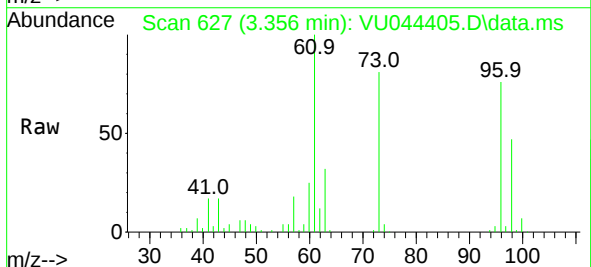
Tgt Ion: 73 Resp: 138009
Ion Ratio Lower Upper
73 100
43 19.6 15.3 22.9
57 21.7 17.4 26.0

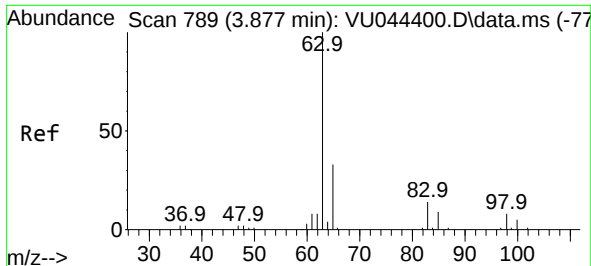


#18

trans-1,2-Dichloroethene
Concen: 4.919 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 96 Resp: 56333
Ion Ratio Lower Upper
96 100
61 131.8 101.4 188.4
98 61.6 44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.052 ug/L

RT: 3.877 min Scan# 789

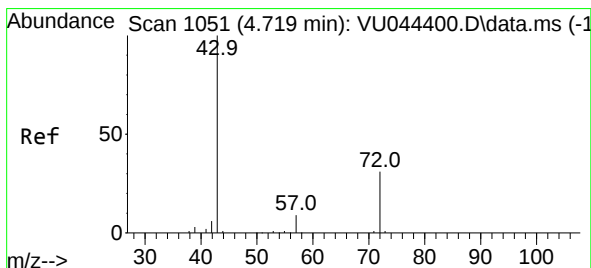
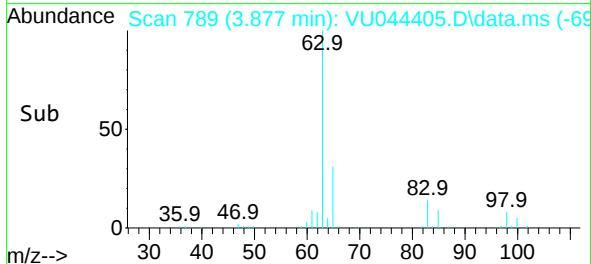
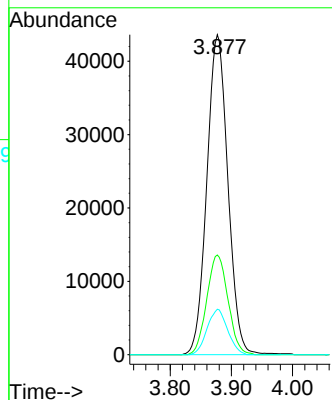
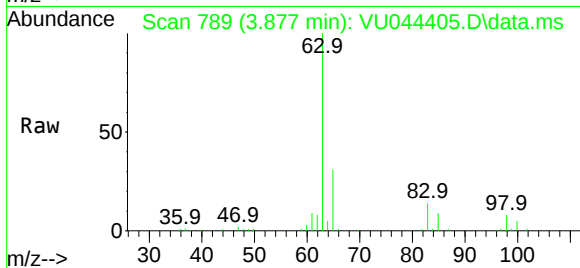
Delta R.T. -0.000 min

Lab File: VU044405.D

Acq: 10 Aug 2021 11:13

Tgt Ion: 63 Resp: 104284

Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.1	41.1
83	14.2	9.7	17.9



#21

2-Butanone

Concen: 41.445 ug/L

RT: 4.719 min Scan# 1051

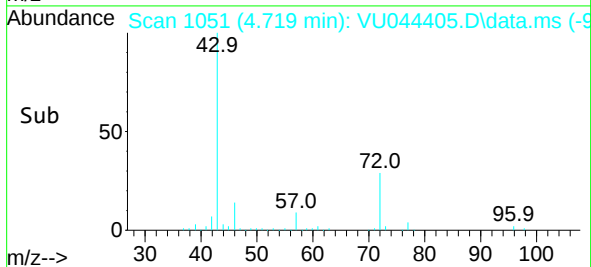
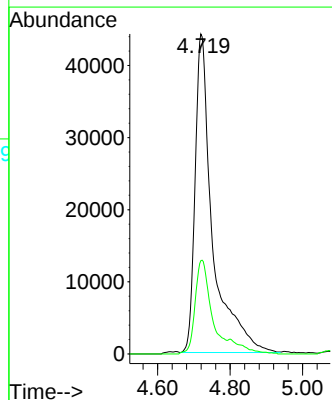
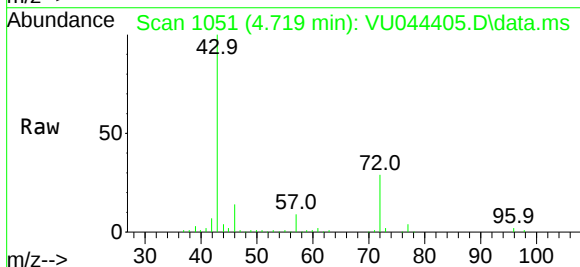
Delta R.T. -0.000 min

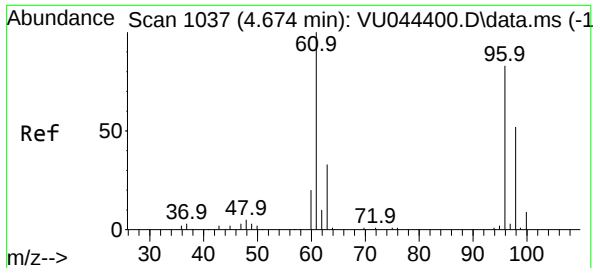
Lab File: VU044405.D

Acq: 10 Aug 2021 11:13

Tgt Ion: 43 Resp: 147934

Ion	Ratio	Lower	Upper
43	100		
72	26.8	14.4	43.2

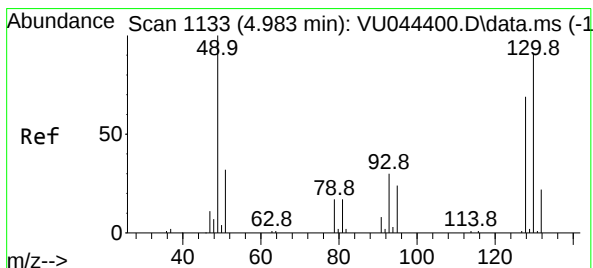
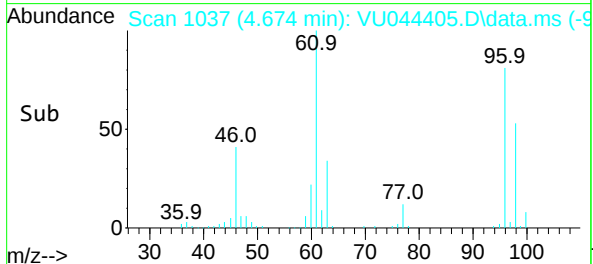
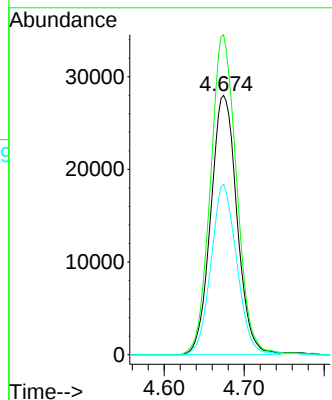
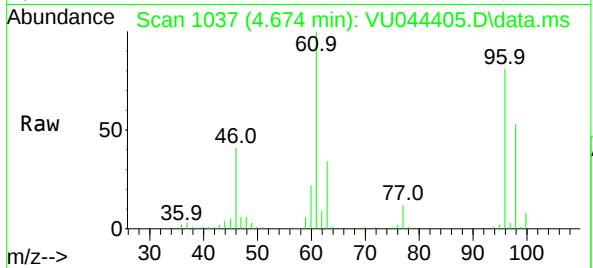




#22
cis-1,2-Dichloroethene
Concen: 5.088 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

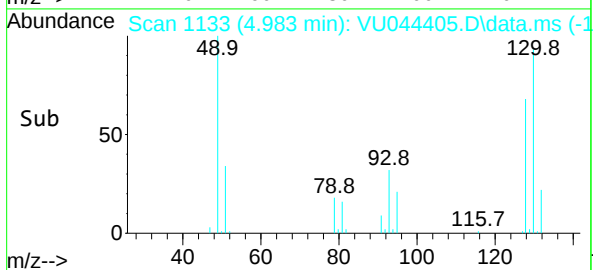
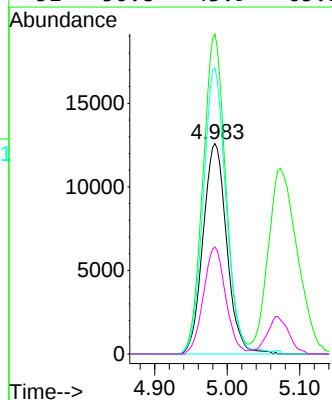
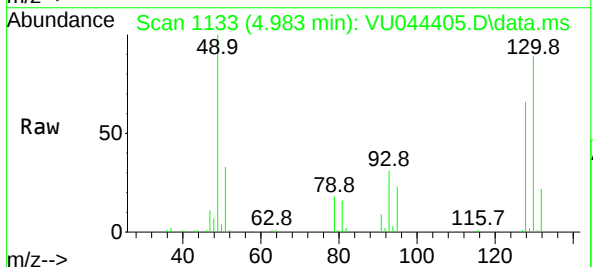
Instrument :
MSVOA_U
ClientSampled :

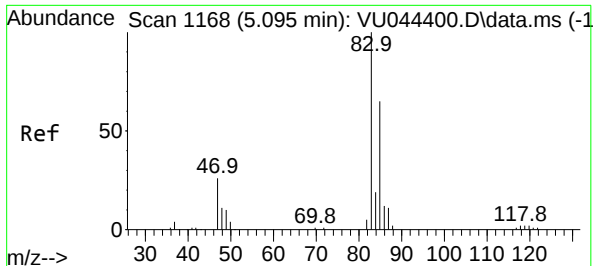
Tgt Ion: 96 Resp: 63662
Ion Ratio Lower Upper
96 100
61 123.4 89.9 166.9
98 65.7 44.1 81.9



#23
Bromochloromethane
Concen: 5.263 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 128 Resp: 28528
Ion Ratio Lower Upper
128 100
49 152.1 117.4 218.0
130 135.9 93.6 173.8
51 50.8 43.9 65.9





#25

Chloroform

Concen: 5.243 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU044405.D

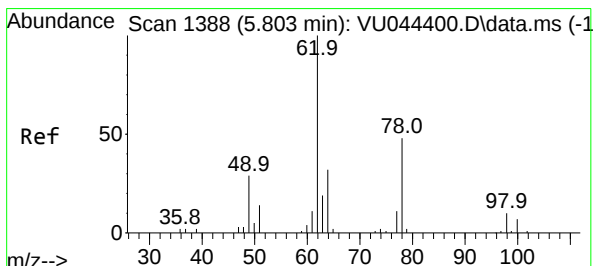
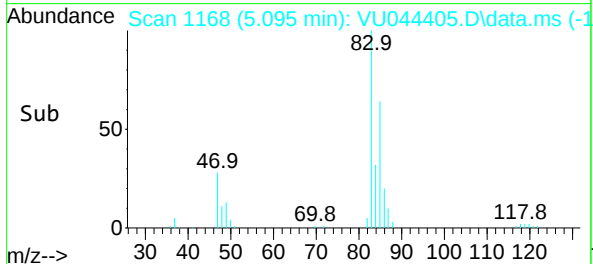
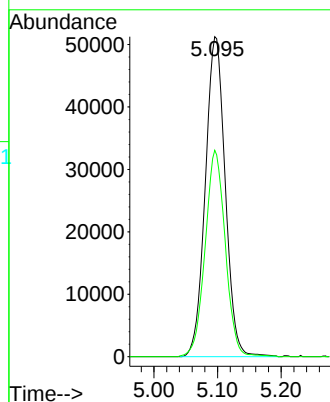
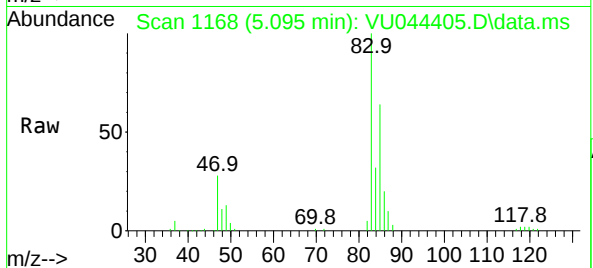
Acq: 10 Aug 2021 11:13

Tgt Ion: 83 Resp: 111446

Ion Ratio Lower Upper

83 100

85 64.5 44.7 82.9



#27

1,2-Dichloroethane

Concen: 4.979 ug/L

RT: 5.803 min Scan# 1388

Delta R.T. -0.000 min

Lab File: VU044405.D

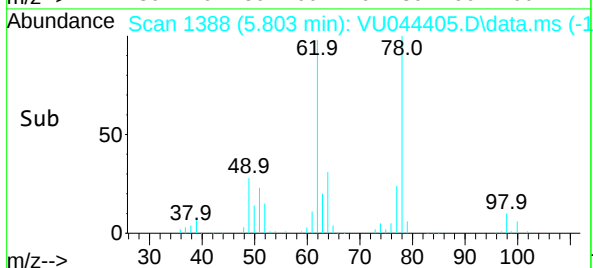
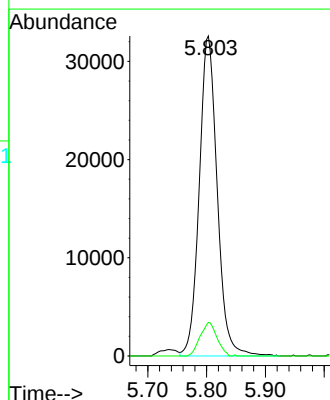
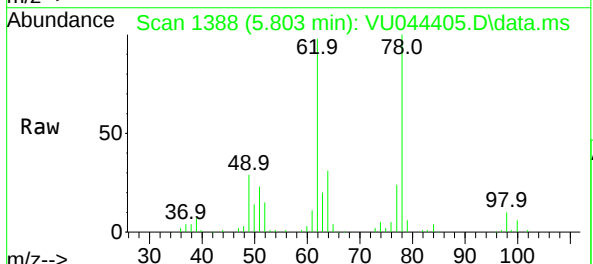
Acq: 10 Aug 2021 11:13

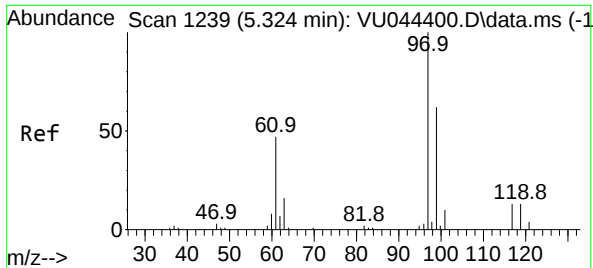
Tgt Ion: 62 Resp: 69152

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.6

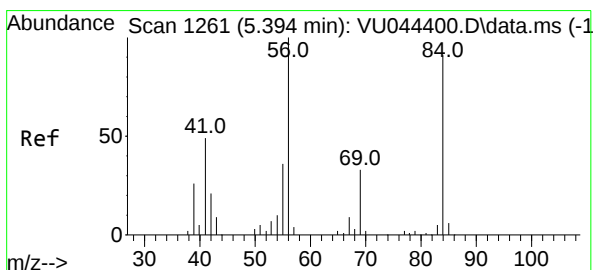
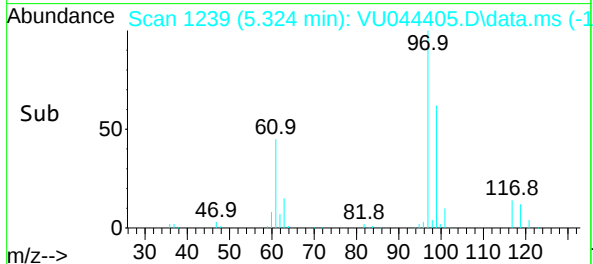
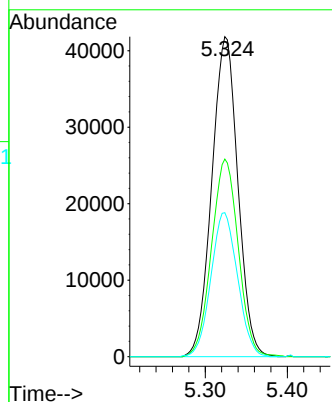
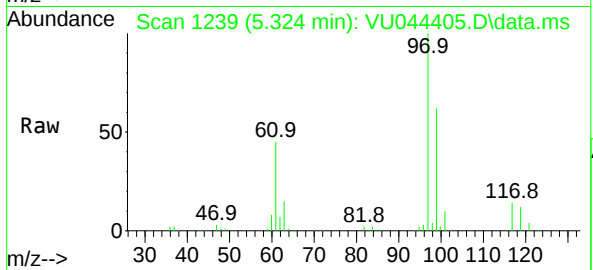




#29
1,1,1-Trichloroethane
Concen: 5.263 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

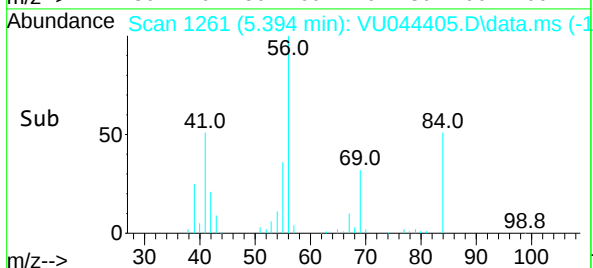
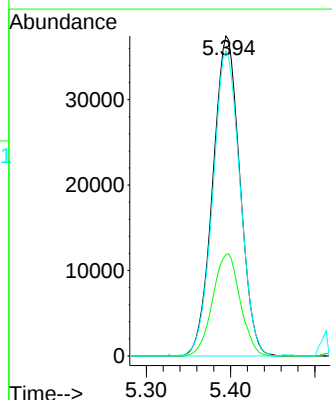
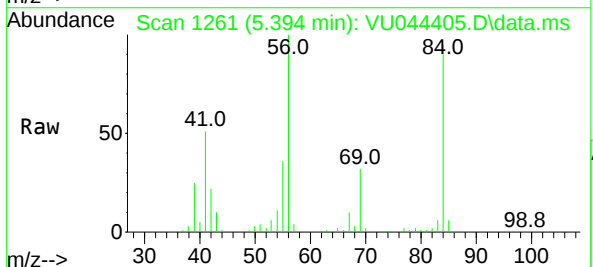
Instrument :
MSVOA_U
ClientSampled :

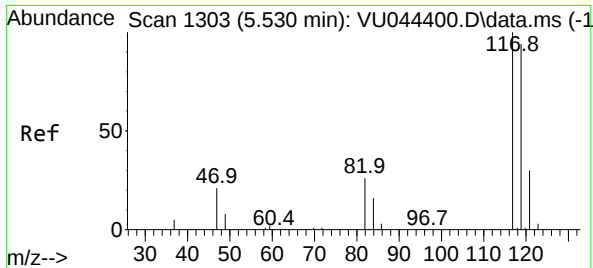
Tgt Ion:	97	Resp:	92297
Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.6	78.8
61	46.0	36.9	55.3



#30
Cyclohexane
Concen: 4.072 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:	56	Resp:	83447
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.8	37.2
84	96.0	71.0	106.6

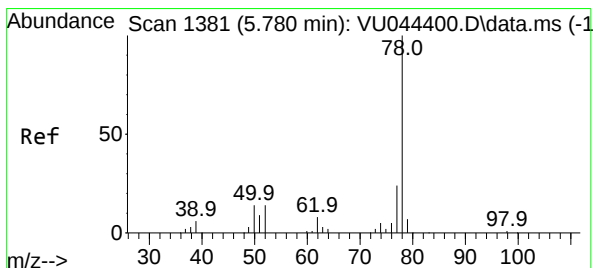
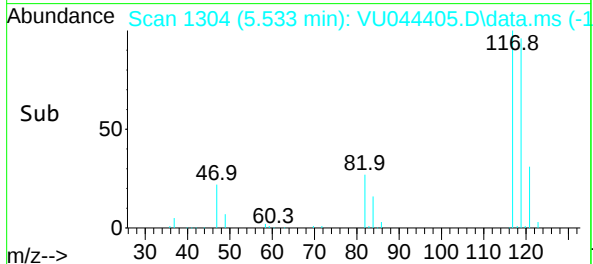
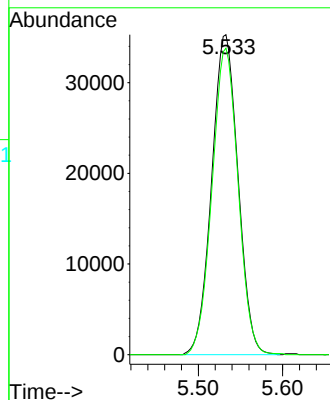
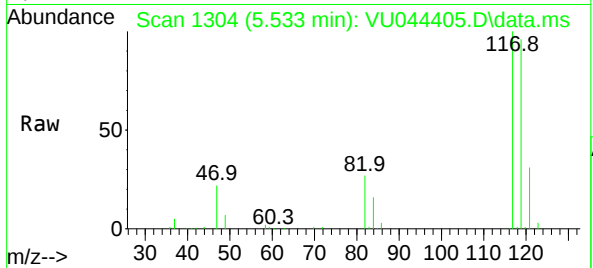




#31
Carbon tetrachloride
Concen: 5.219 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

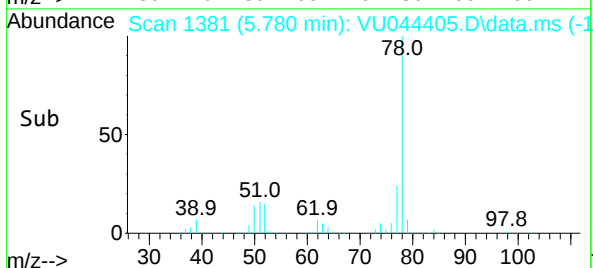
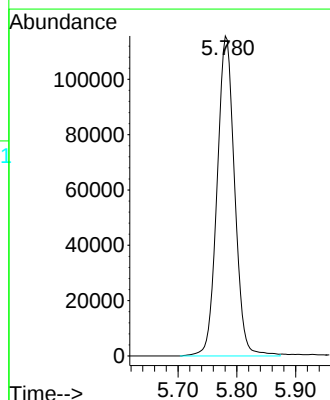
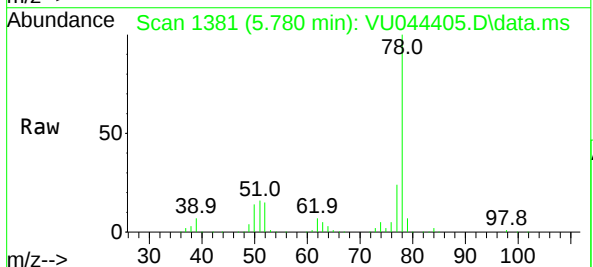
Instrument :
MSVOA_U
ClientSampled :

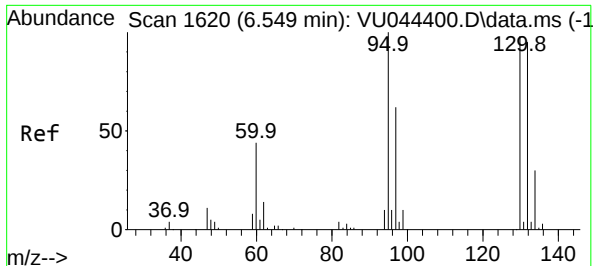
Tgt Ion:117 Resp: 76547
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6



#33
Benzene
Concen: 4.878 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

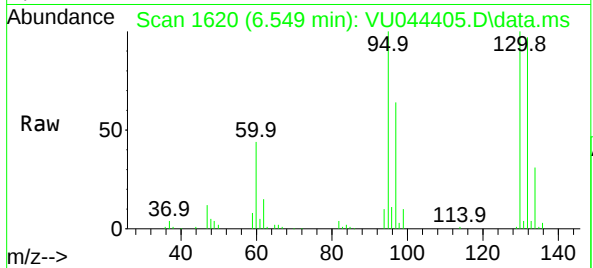
Tgt Ion: 78 Resp: 239715



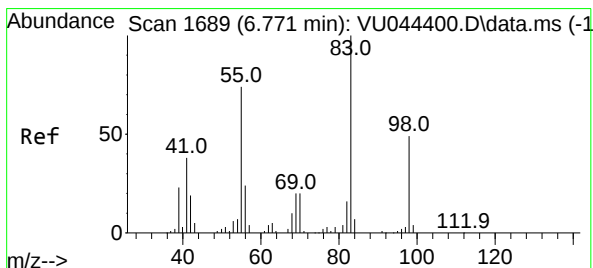
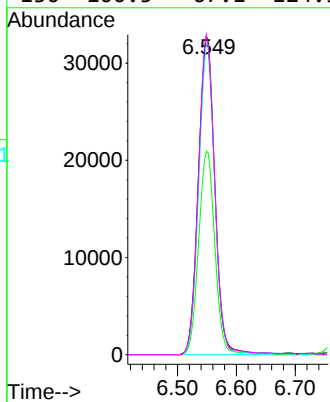
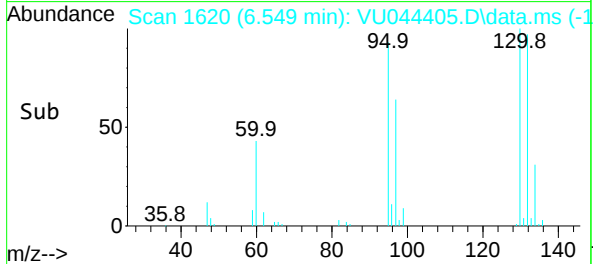


#34
Trichloroethene
Concen: 5.189 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

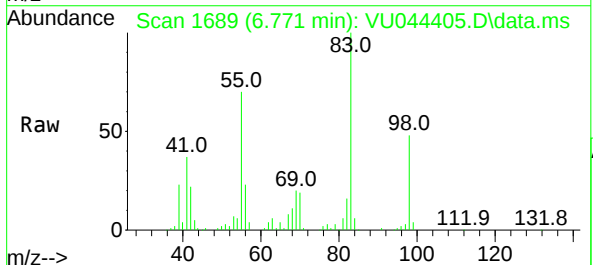
Instrument :
MSVOA_U
ClientSampled :



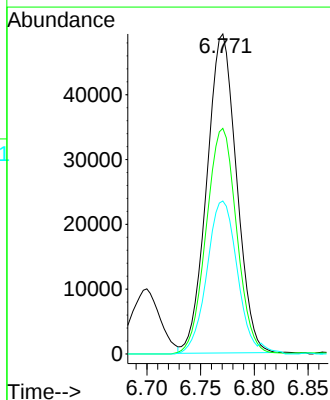
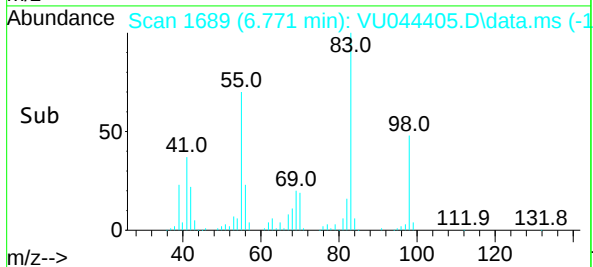
Tgt Ion: 95 Resp: 63770
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.4
132 97.6 64.8 120.4
130 100.5 67.1 124.5

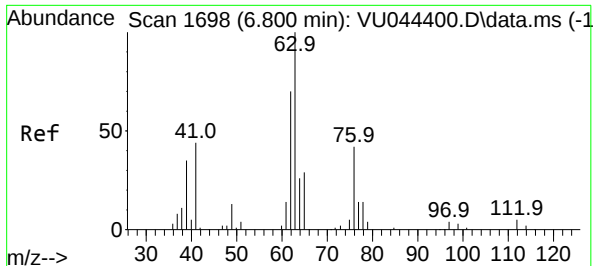


#35
Methylcyclohexane
Concen: 4.419 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13



Tgt Ion: 83 Resp: 94756
Ion Ratio Lower Upper
83 100
55 72.6 61.4 92.0
98 49.5 38.2 57.2



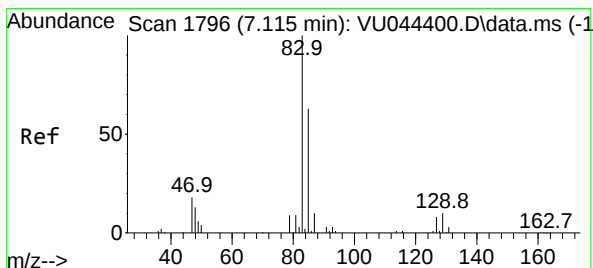
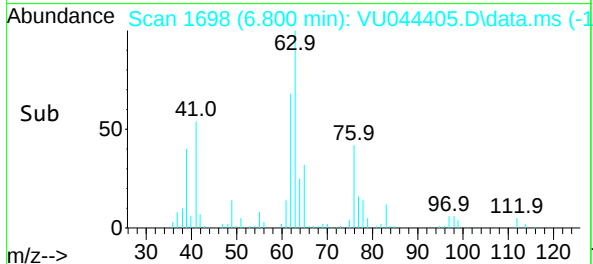
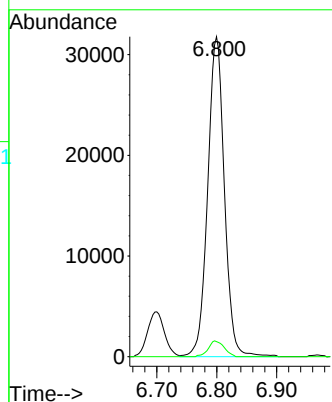
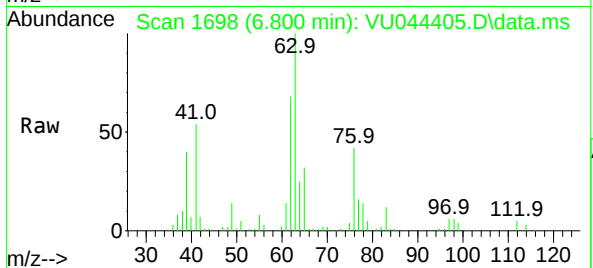


#37

1,2-Dichloropropane
Concen: 4.920 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Instrument :
MSVOA_U
ClientSampled :

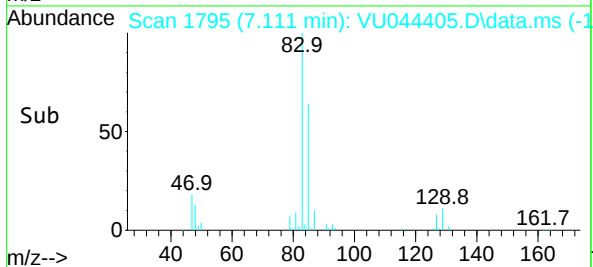
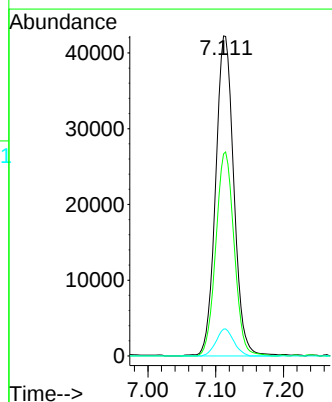
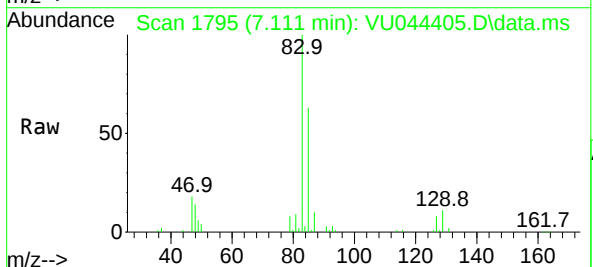
Tgt Ion: 63 Resp: 61608
Ion Ratio Lower Upper
63 100
112 4.7 3.2 4.8

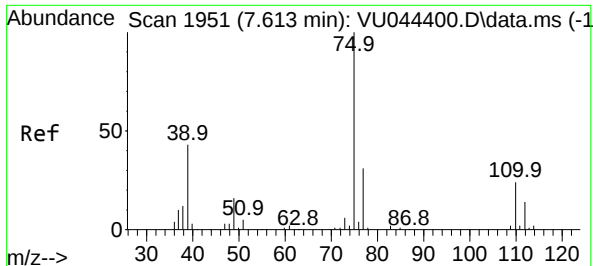


#38

Bromodichloromethane
Concen: 5.197 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 83 Resp: 78803
Ion Ratio Lower Upper
83 100
85 63.2 44.0 81.6
127 8.4 6.6 10.0



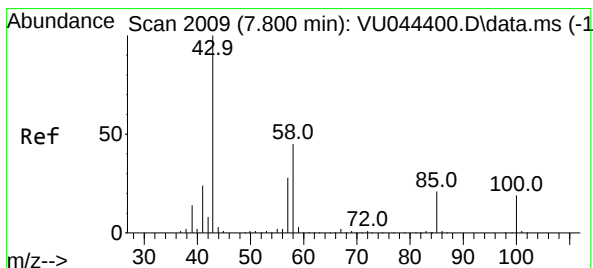
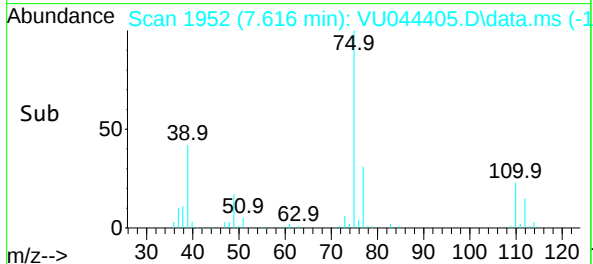
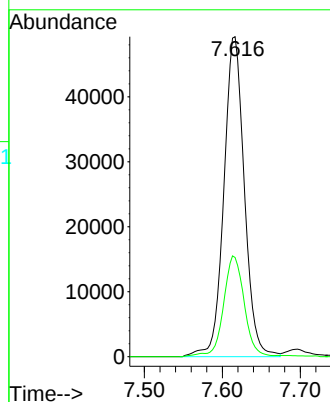
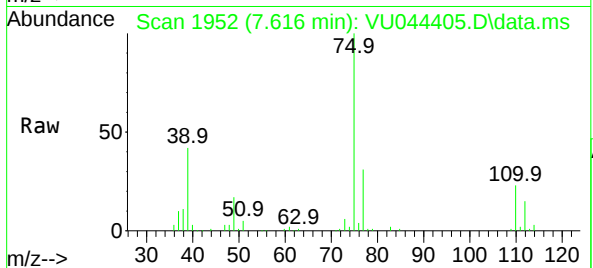


#39

cis-1,3-Dichloropropene
Concen: 4.950 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Instrument :
MSVOA_U
ClientSampled :

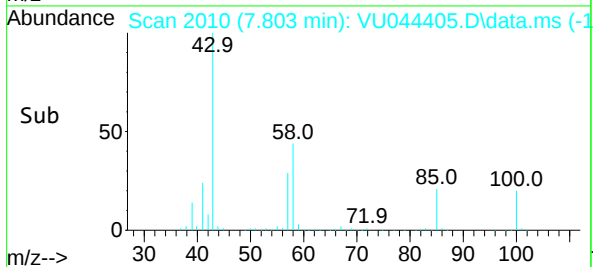
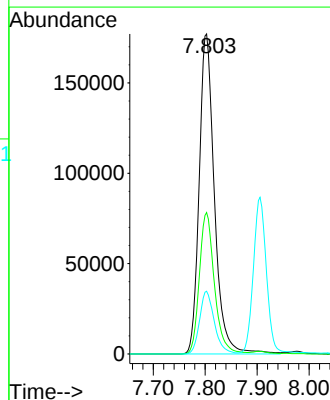
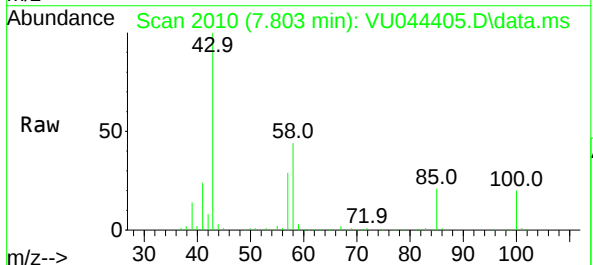
Tgt Ion: 75 Resp: 90218
Ion Ratio Lower Upper
75 100
77 31.0 22.3 41.5

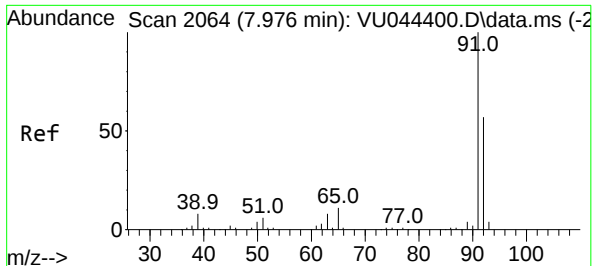


#40

4-Methyl-2-pentanone
Concen: 41.099 ug/L
RT: 7.803 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 43 Resp: 361127
Ion Ratio Lower Upper
43 100
58 43.6 34.6 52.0
100 18.9 13.9 20.9

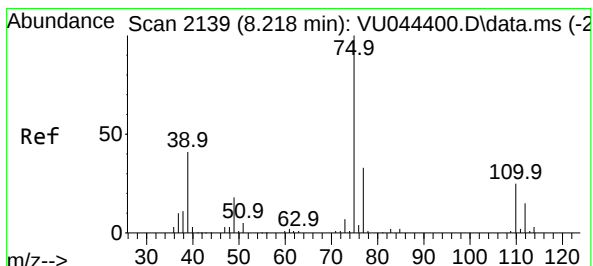
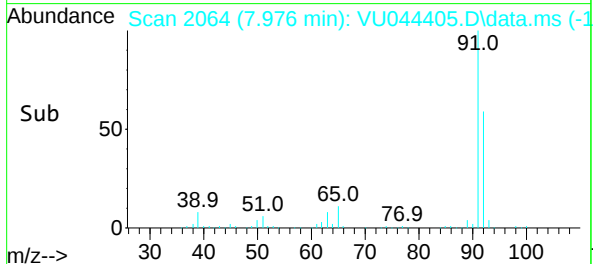
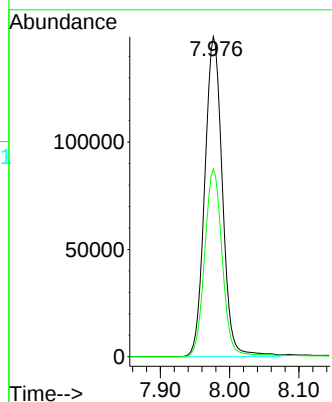
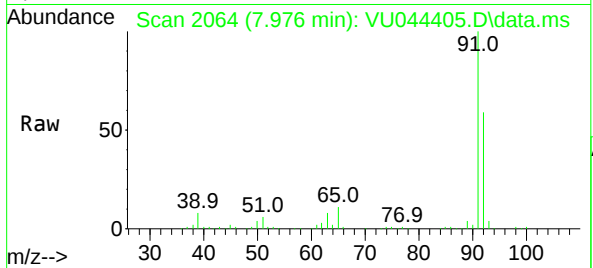




#42
Toluene
Concen: 5.135 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

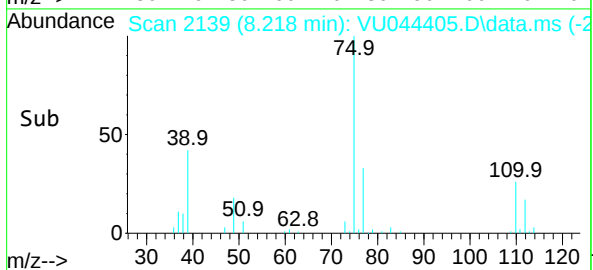
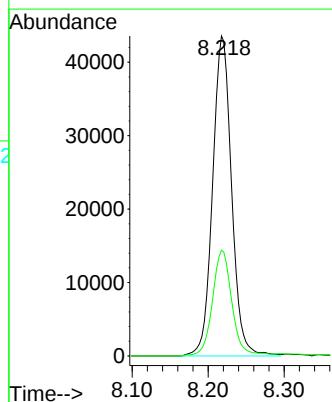
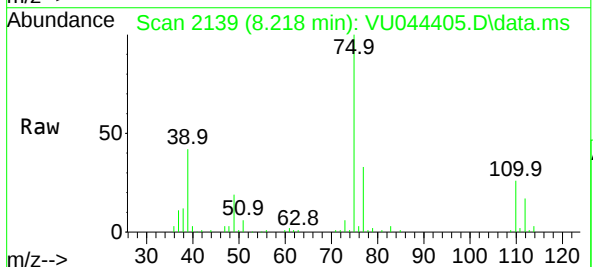
Instrument :
MSVOA_U
ClientSampled :

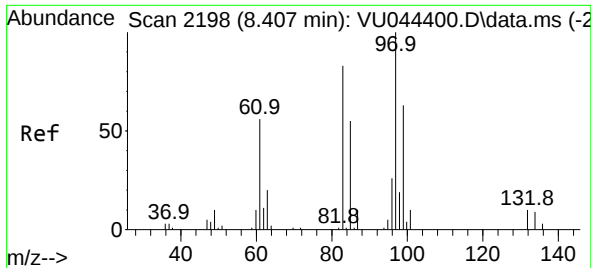
Tgt Ion: 91 Resp: 263930
Ion Ratio Lower Upper
91 100
92 58.6 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.874 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 75 Resp: 75556
Ion Ratio Lower Upper
75 100
77 33.0 22.5 41.7

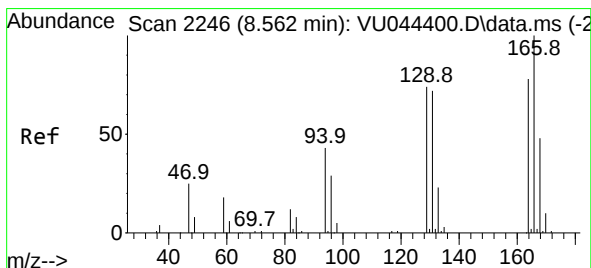
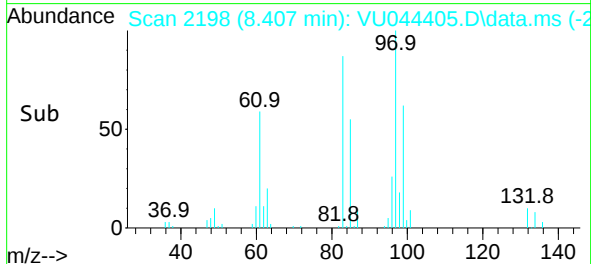
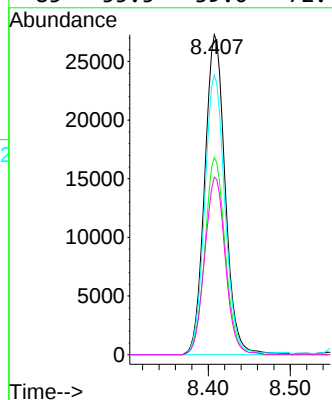
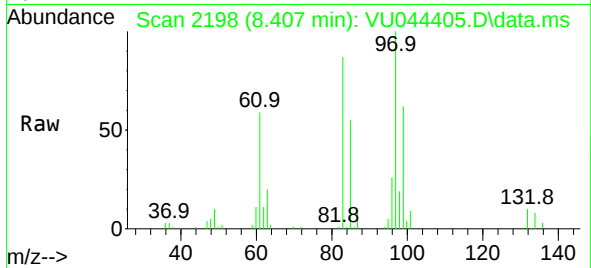




#45
1,1,2-Trichloroethane
Concen: 5.098 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

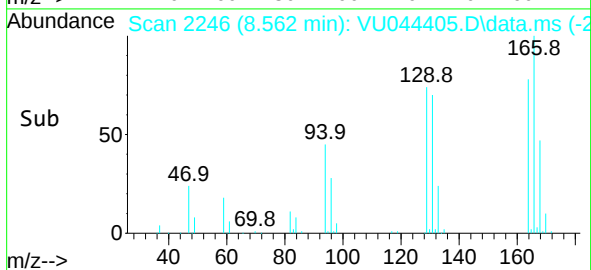
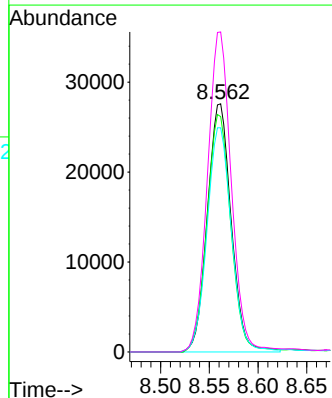
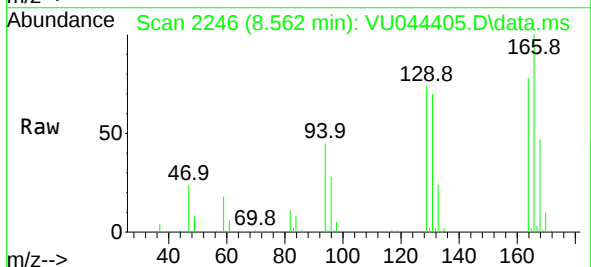
Instrument :
MSVOA_U
ClientSampled :

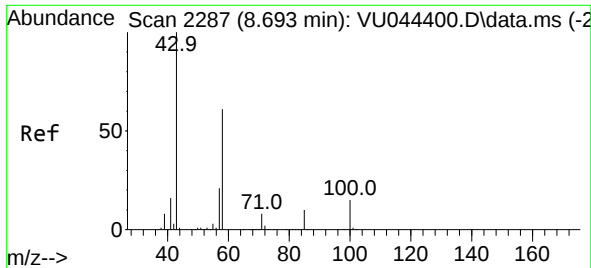
Tgt Ion:	97	Resp:	47380
Ion	Ratio	Lower	Upper
97	100		
99	61.6	44.0	81.6
83	87.4	62.2	115.4
85	55.5	39.0	72.4



#47
Tetrachloroethene
Concen: 5.210 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

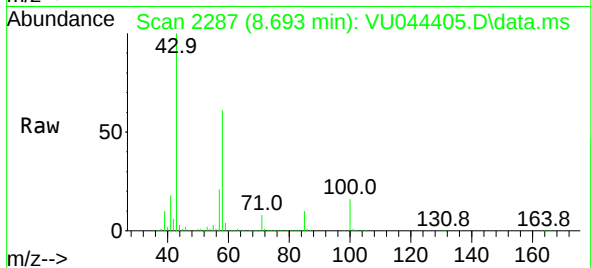
Tgt Ion:	164	Resp:	47019
Ion	Ratio	Lower	Upper
164	100		
129	94.8	67.8	126.0
131	90.3	64.7	120.1
166	128.9	87.6	162.6



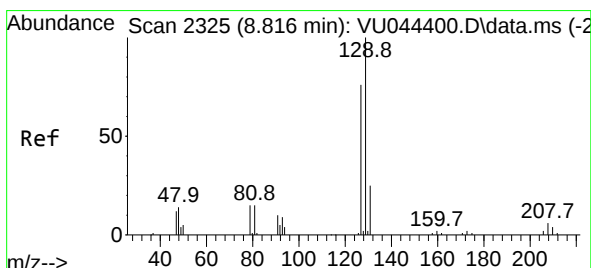
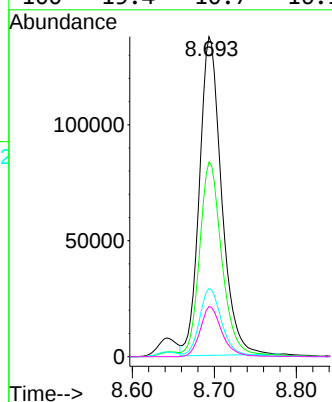
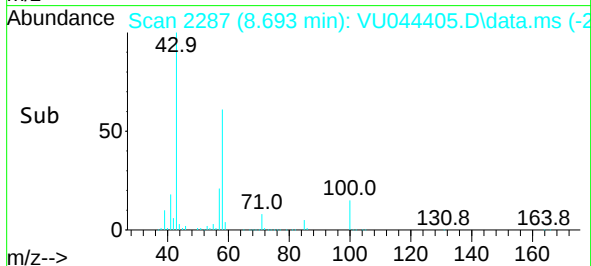


#48
2-Hexanone
Concen: 40.521 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

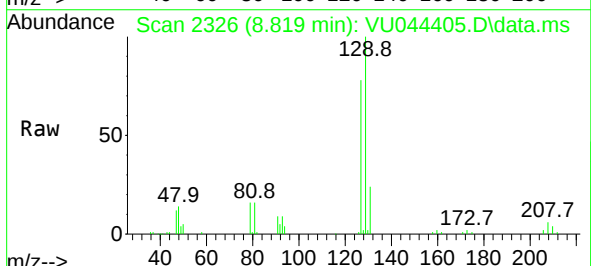
Instrument :
MSVOA_U
ClientSampleId :



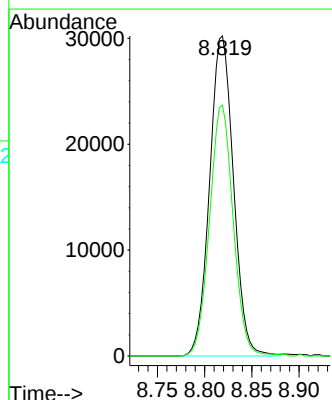
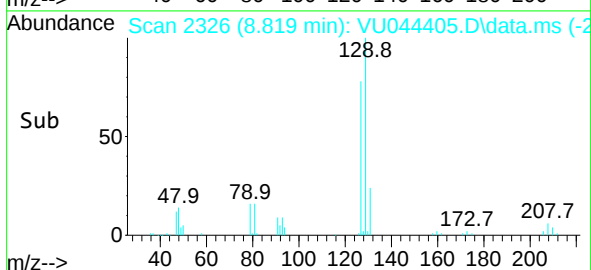
Tgt Ion: 43 Resp: 257442
Ion Ratio Lower Upper
43 100
58 62.4 47.3 70.9
57 21.5 16.6 24.8
100 15.4 10.7 16.1

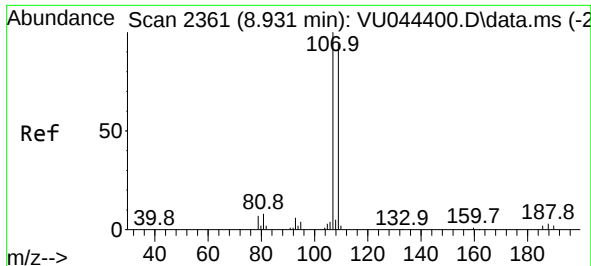


#49
Dibromochloromethane
Concen: 5.353 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13



Tgt Ion: 129 Resp: 53109
Ion Ratio Lower Upper
129 100
127 78.4 56.4 104.8

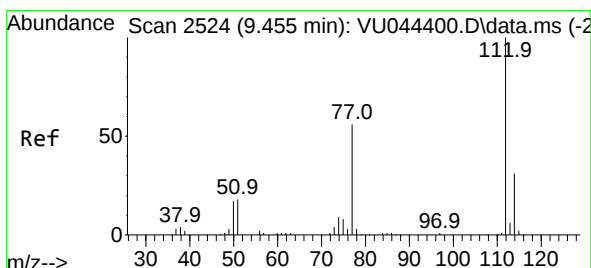
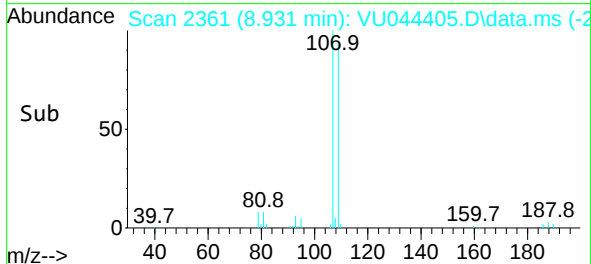
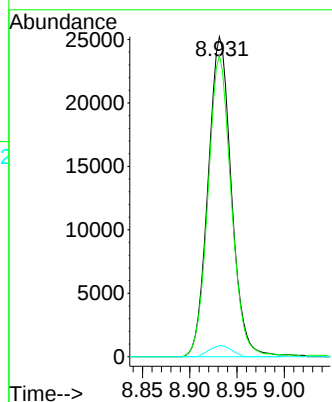
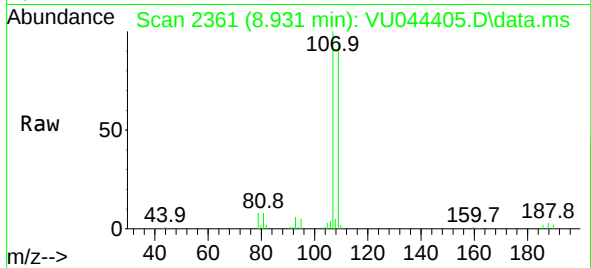




#50
1,2-Dibromoethane
Concen: 4.791 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

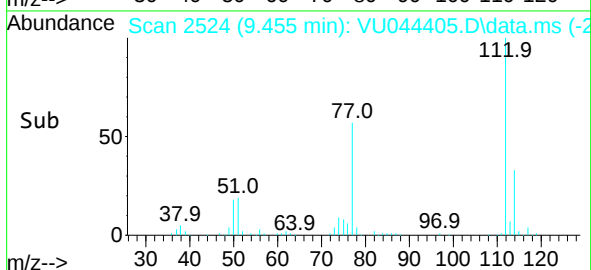
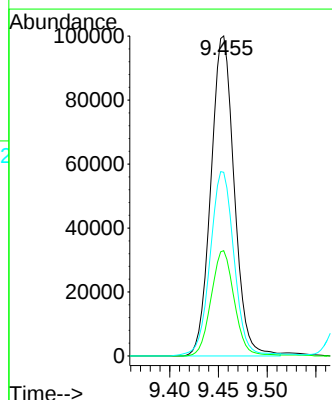
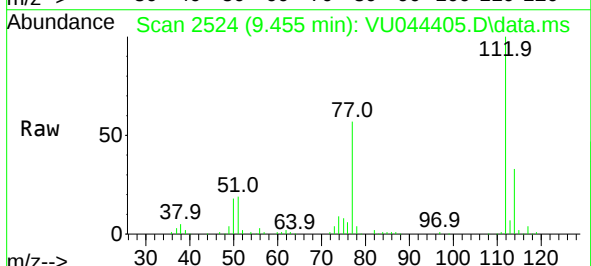
Instrument :
MSVOA_U
ClientSampled :

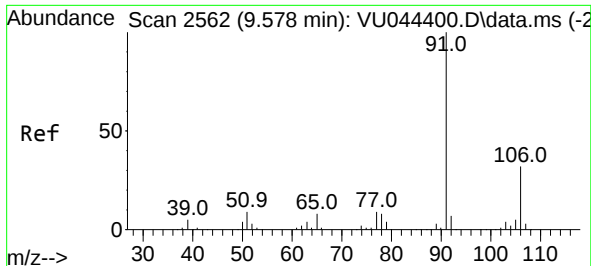
Tgt Ion:	107	Resp:	43179
Ion	Ratio	Lower	Upper
107	100		
109	94.1	66.0	122.6
188	3.5	2.8	4.2



#51
Chlorobenzene
Concen: 5.229 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:	112	Resp:	166341
Ion	Ratio	Lower	Upper
112	100		
114	32.9	22.5	41.7
77	57.4	48.9	73.3

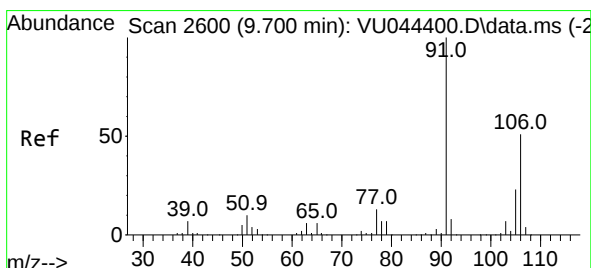
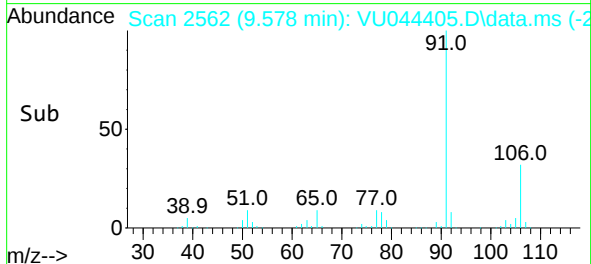
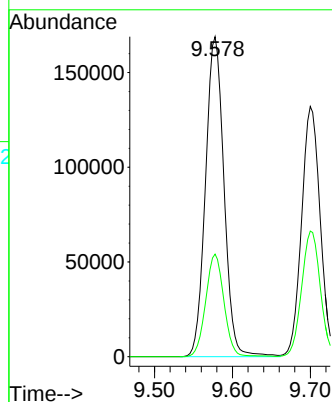
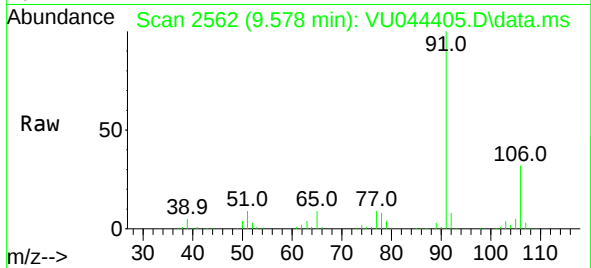




#52
Ethylbenzene
Concen: 5.092 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

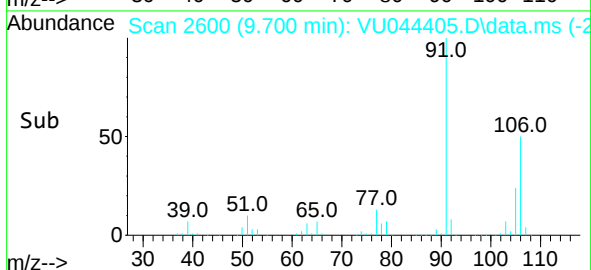
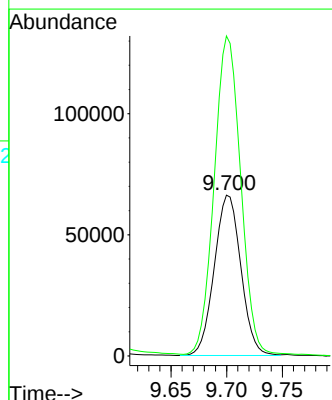
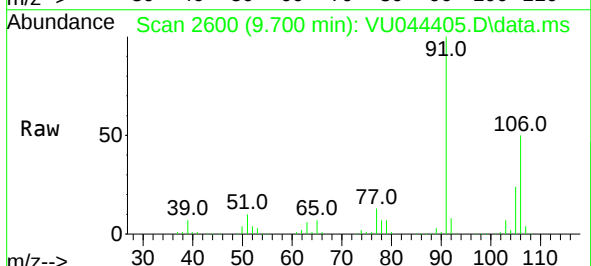
Instrument :
MSVOA_U
ClientSampled :

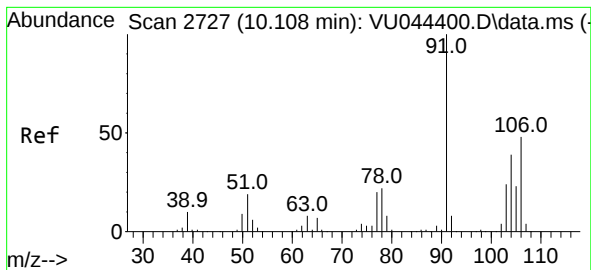
Tgt Ion: 91 Resp: 278817
Ion Ratio Lower Upper
91 100
106 32.1 20.9 38.9



#53
m,p-Xylene
Concen: 5.186 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 106 Resp: 109813
Ion Ratio Lower Upper
106 100
91 199.1 144.1 267.5





#54

o-Xylene

Concen: 5.317 ug/L

RT: 10.108 min Scan# 2727

Delta R.T. -0.000 min

Lab File: VU044405.D

Acq: 10 Aug 2021 11:13

Tgt Ion:106 Resp: 109615

Ion Ratio Lower Upper

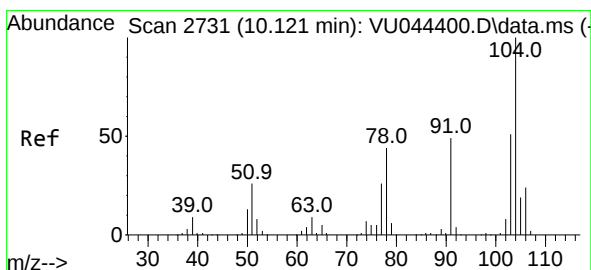
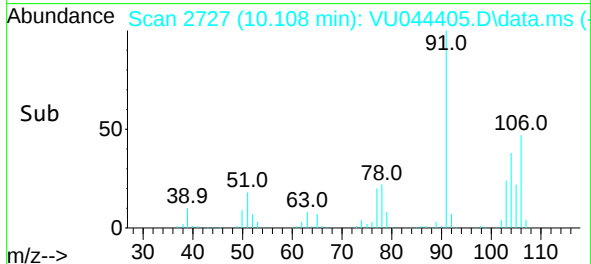
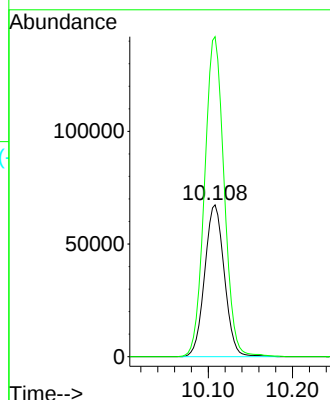
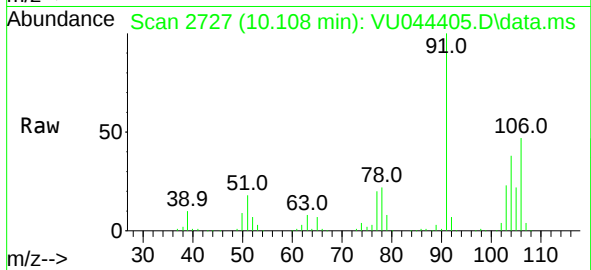
106 100

91 210.7 151.0 280.4

Instrument :

MSVOA_U

ClientSampled :



#55

Styrene

Concen: 5.331 ug/L

RT: 10.121 min Scan# 2731

Delta R.T. -0.000 min

Lab File: VU044405.D

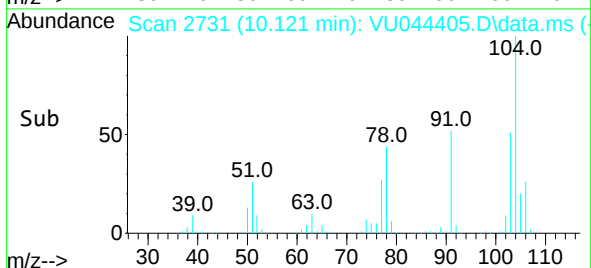
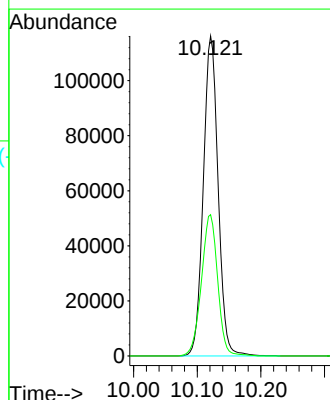
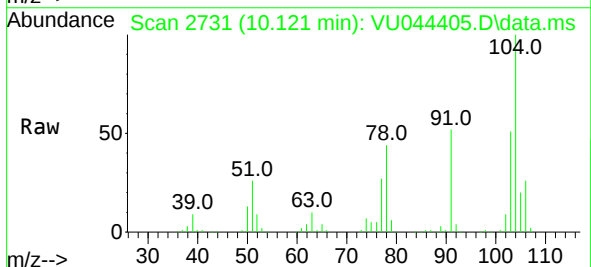
Acq: 10 Aug 2021 11:13

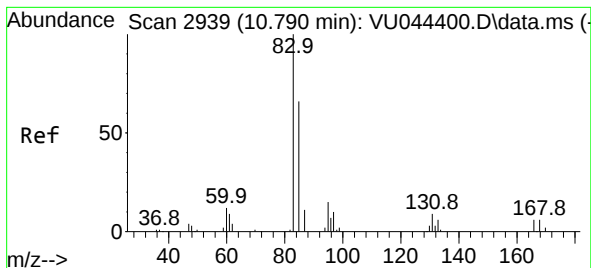
Tgt Ion:104 Resp: 188019

Ion Ratio Lower Upper

104 100

78 44.2 32.1 59.5

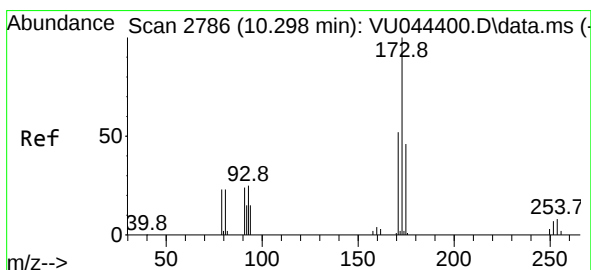
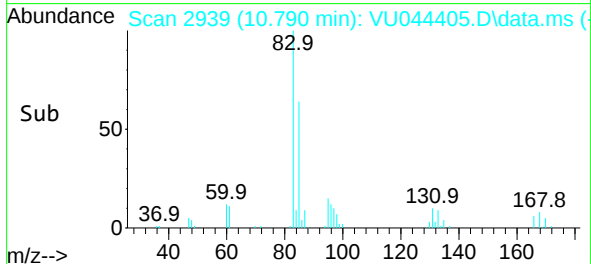
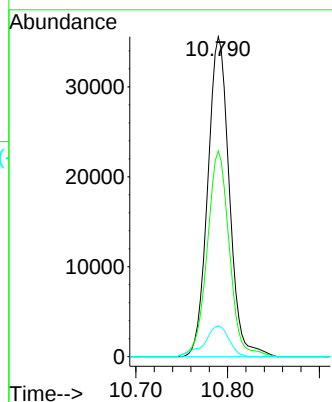
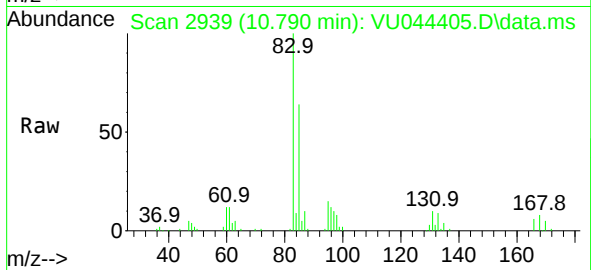




#57
1,1,2,2-Tetrachloroethane
Concen: 4.748 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

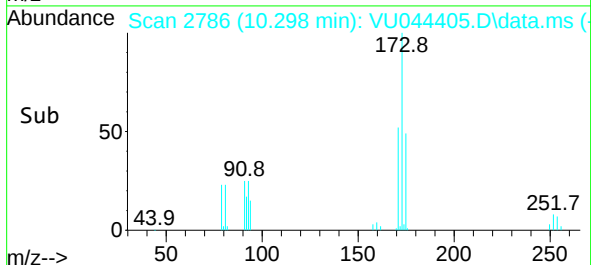
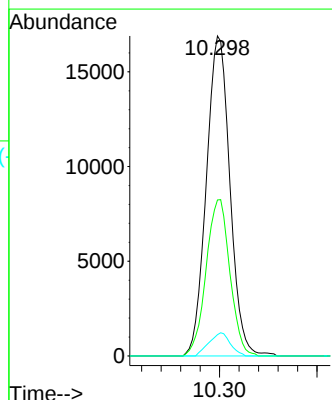
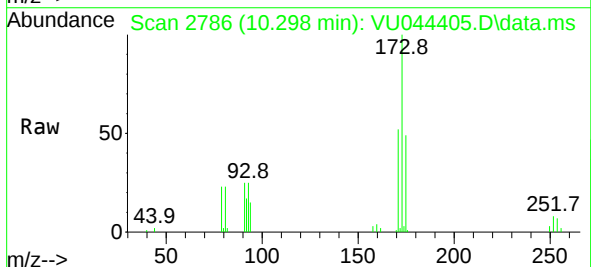
Instrument :
MSVOA_U
ClientSampled :

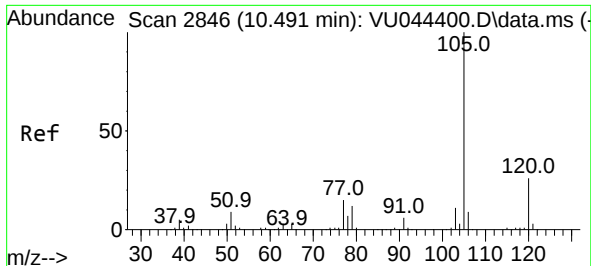
Tgt Ion: 83 Resp: 57992
Ion Ratio Lower Upper
83 100
85 64.3 43.4 80.6
131 9.6 6.6 9.8



#59
Bromoform
Concen: 5.245 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:173 Resp: 28381
Ion Ratio Lower Upper
173 100
175 49.2 38.6 57.8
254 6.5 5.4 8.2

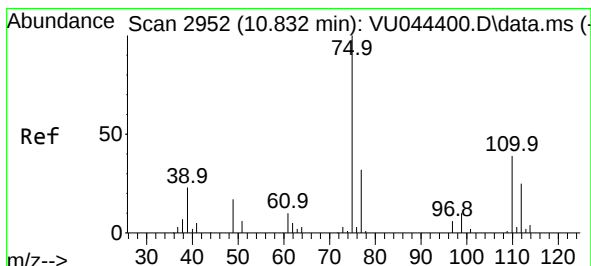
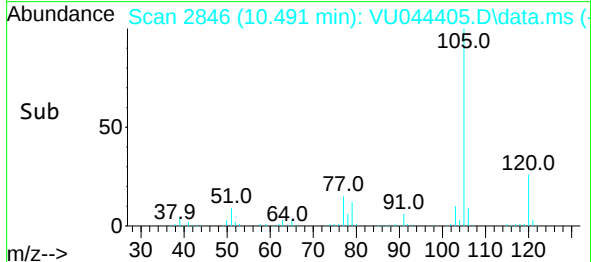
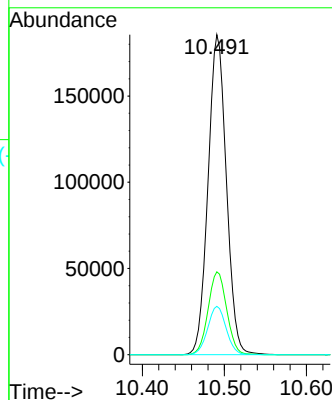
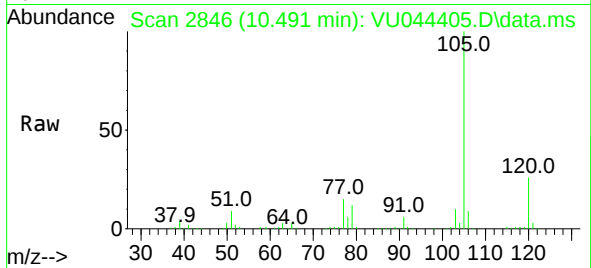




#60
Isopropylbenzene
Concen: 5.287 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

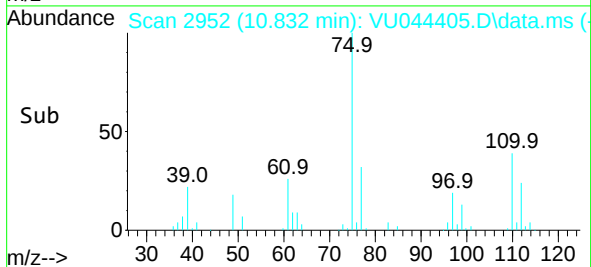
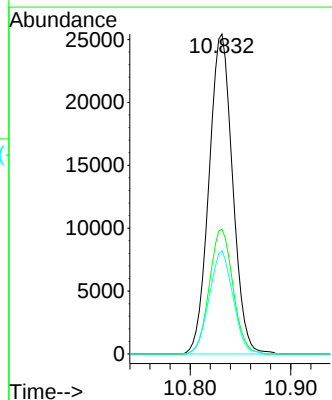
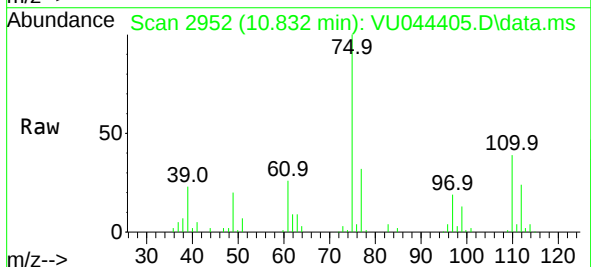
Instrument :
MSVOA_U
ClientSampled :

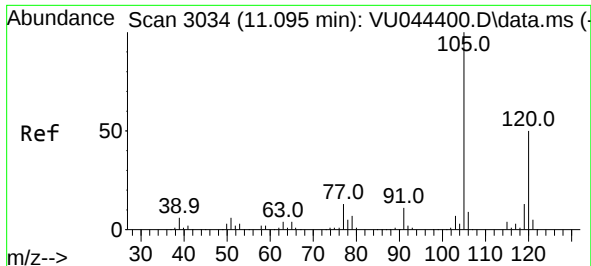
Tgt Ion:105 Resp: 288501
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.3 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.541 ug/L
RT: 10.832 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 75 Resp: 41542
Ion Ratio Lower Upper
75 100
110 38.9 30.2 45.2
77 32.4 26.2 39.2

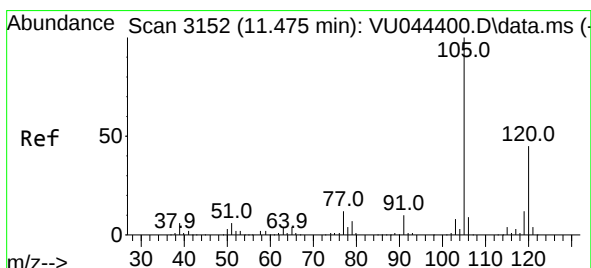
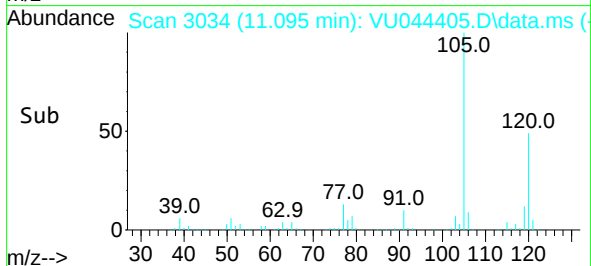
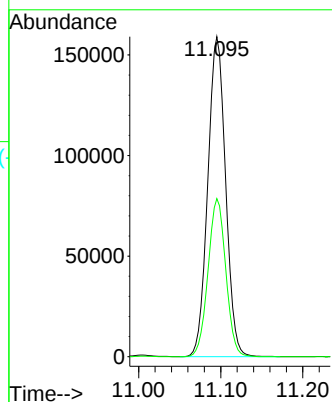
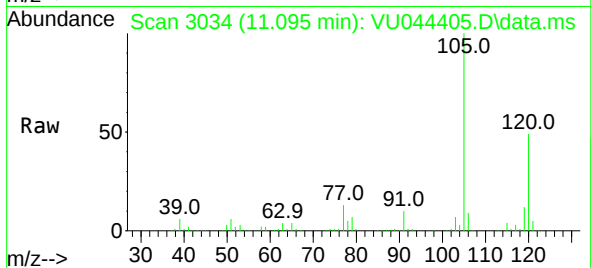




#62
1,3,5-Trimethylbenzene
Concen: 5.247 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

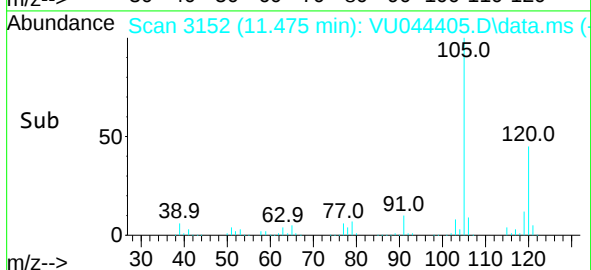
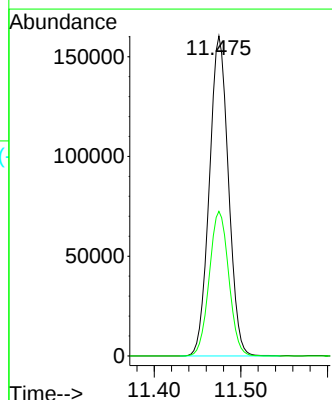
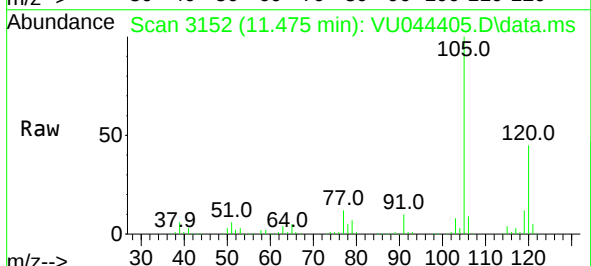
Instrument :
MSVOA_U
ClientSampled :

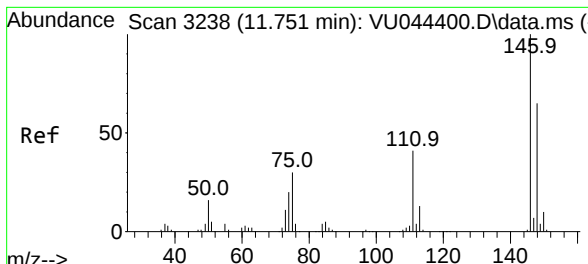
Tgt Ion:105 Resp: 239871
Ion Ratio Lower Upper
105 100
120 49.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.247 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:105 Resp: 246045
Ion Ratio Lower Upper
105 100
120 46.1 36.0 54.0

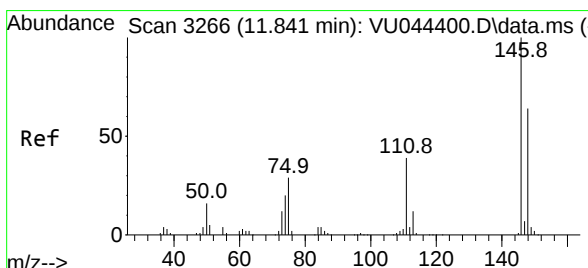
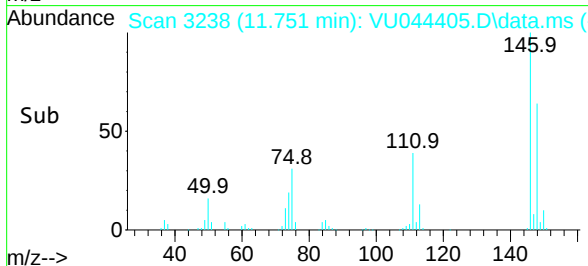
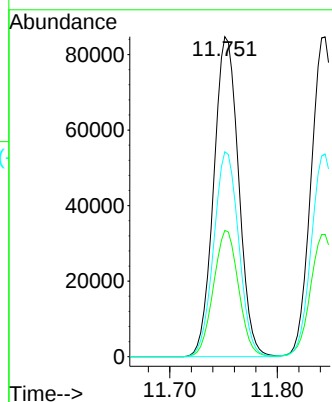
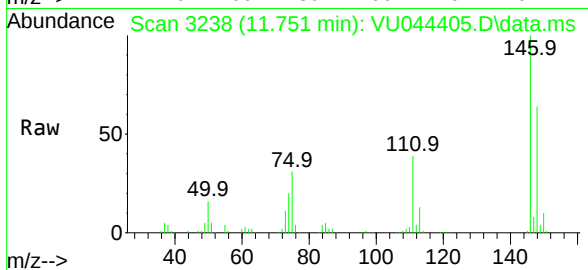




#64
1,3-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

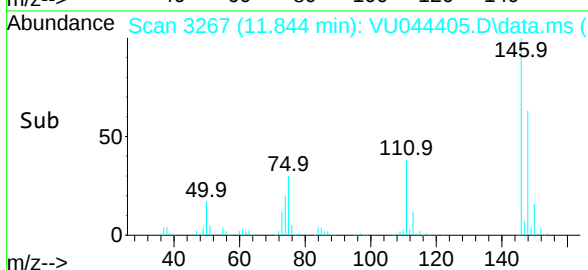
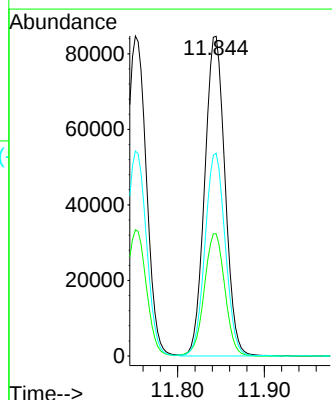
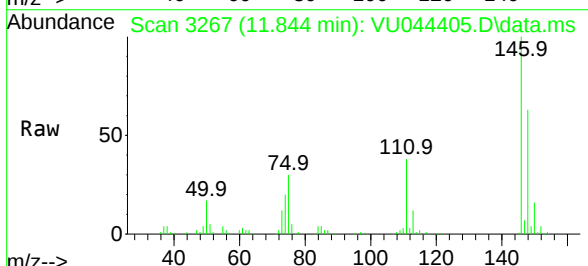
Instrument :
MSVOA_U
ClientSampled :

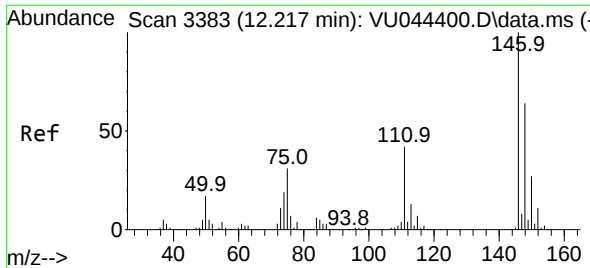
Tgt Ion:146 Resp: 136318
Ion Ratio Lower Upper
146 100
111 39.4 29.5 54.7
148 64.1 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.414 ug/L
RT: 11.844 min Scan# 3267
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:146 Resp: 137892
Ion Ratio Lower Upper
146 100
111 38.2 28.8 53.4
148 63.4 44.9 83.3

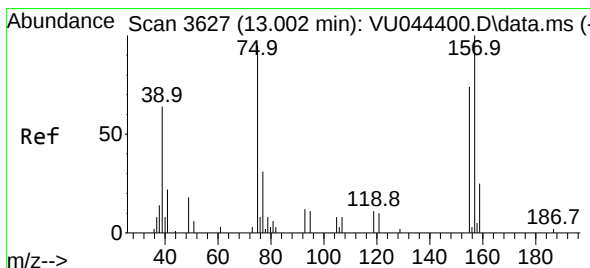
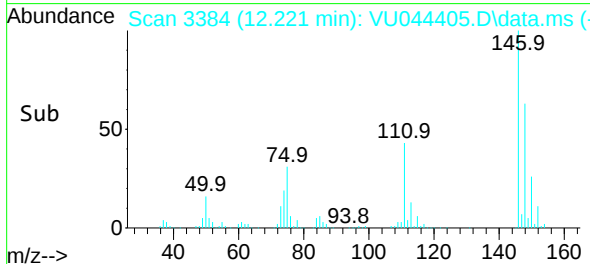
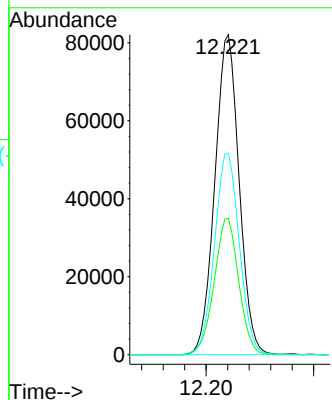
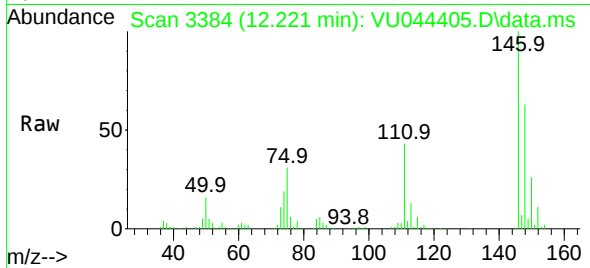




#67
1,2-Dichlorobenzene
Concen: 5.358 ug/L
RT: 12.221 min Scan# 3384
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

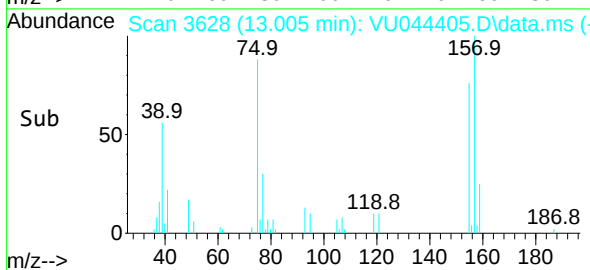
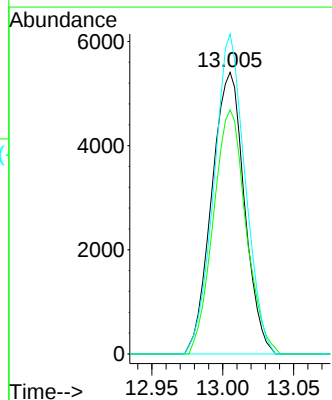
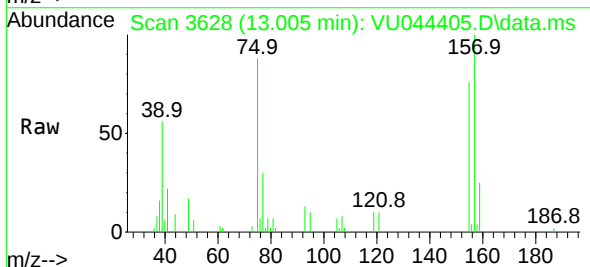
Instrument :
MSVOA_U
ClientSampled :

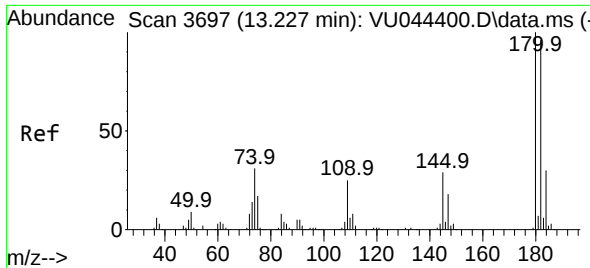
Tgt Ion:146 Resp: 128907
Ion Ratio Lower Upper
146 100
111 42.6 35.1 52.7
148 62.9 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.383 ug/L
RT: 13.005 min Scan# 3628
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion: 75 Resp: 8673
Ion Ratio Lower Upper
75 100
155 86.7 63.2 94.8
157 113.6 85.8 128.6

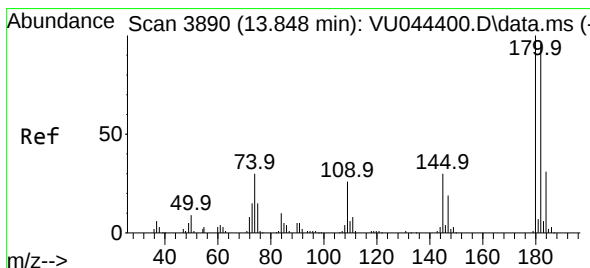
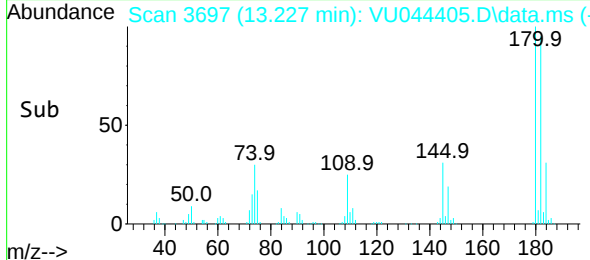
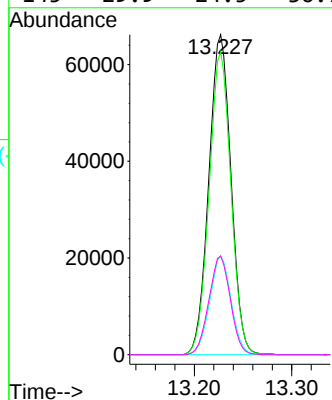
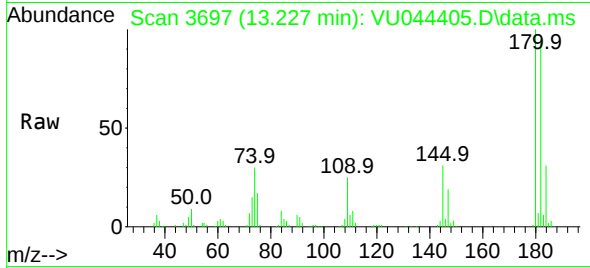




#69
1,3,5-Trichlorobenzene
Concen: 5.594 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

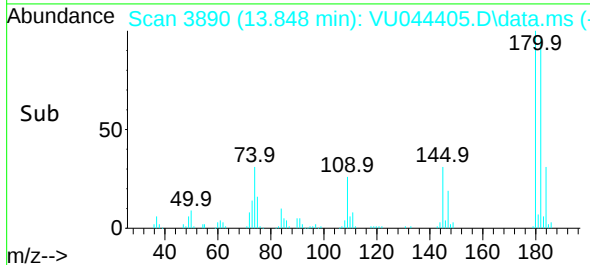
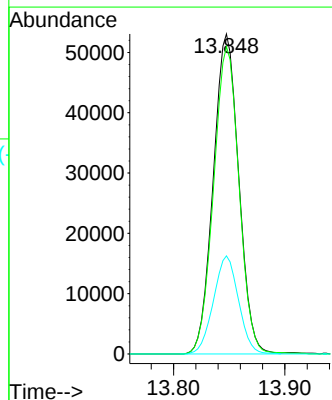
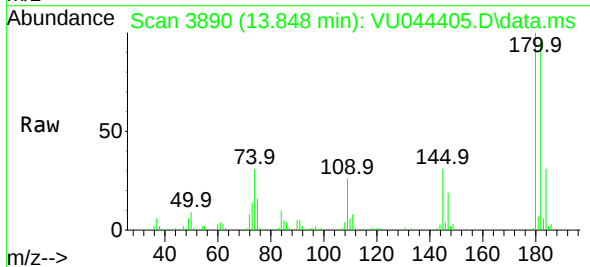
Instrument :
MSVOA_U
ClientSampled :

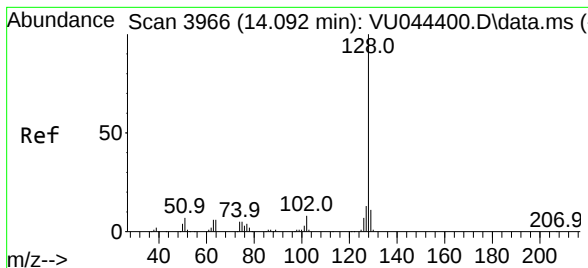
Tgt Ion:180 Resp: 104427
Ion Ratio Lower Upper
180 100
182 93.3 75.6 113.4
184 29.8 23.8 35.6
145 29.9 24.5 36.7



#70
1,2,4-trichlorobenzene
Concen: 5.332 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:180 Resp: 84252
Ion Ratio Lower Upper
180 100
182 95.9 76.3 114.5
145 30.1 24.7 37.1

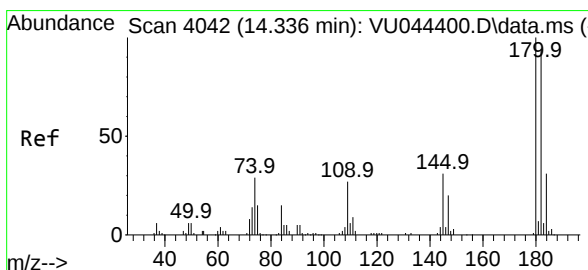
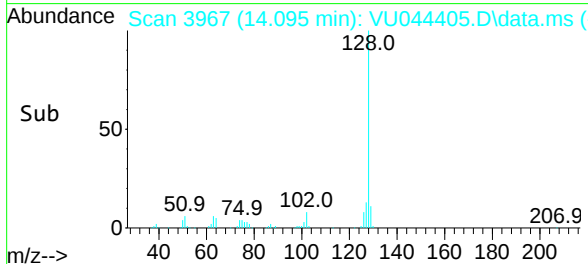
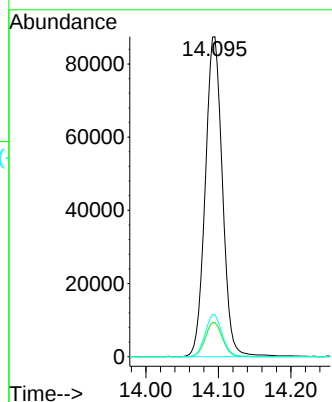
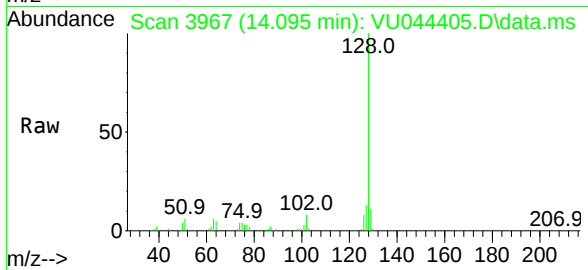




#71
Naphthalene
Concen: 4.628 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.003 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 143658
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.0 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.258 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044405.D
Acq: 10 Aug 2021 11:13

Tgt Ion:180 Resp: 75315
Ion Ratio Lower Upper
180 100
182 95.5 76.6 115.0
145 32.5 27.0 40.4

