

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080921\
 Data File : VU044400.D
 Acq On : 09 Aug 2021 12:06
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 01:01:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	166779	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	167924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	88667	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49657	3.563	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.200%
7) Chloroethane-d5	1.916	69	58646	4.902	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.568	65	23891	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.639	46	162643	39.360	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.720%
24) Chloroform-d	5.070	84	120593	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.710	65	63361	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.735	84	241747	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.700	67	75646	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.906	98	221845	4.710	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	8.189	79	25023	3.931	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.642	63	149254	38.837	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.680%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	64888	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.201	152	84676	4.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	71659	4.797	ug/L	99
3) Chloromethane	1.520	50	73163	4.546	ug/L	100
5) Vinyl chloride	1.604	62	82483	4.889	ug/L	100
6) Bromomethane	1.858	94	48816	5.140	ug/L	99
8) Chloroethane	1.935	64	52868	5.429	ug/L	99
9) Trichlorofluoromethane	2.141	101	102638	5.530	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	58980	5.263	ug/L	97
12) 1,1-Dichloroethene	2.581	96	53635	4.894	ug/L	99
13) Acetone	2.642	43	75998	38.624	ug/L	99
14) Carbon disulfide	2.797	76	136677	3.820	ug/L	99
15) Methyl Acetate	2.961	43	21340	4.749	ug/L	# 83
16) Methylene chloride	3.051	84	76444	5.232	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	150612	5.016	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	58179	4.965	ug/L	93
19) 1,1-Dichloroethane	3.877	63	107360	5.083	ug/L	97
21) 2-Butanone	4.719	43	168427	46.114	ug/L	95
22) cis-1,2-Dichloroethene	4.674	96	66075	5.161	ug/L	95
23) Bromochloromethane	4.983	128	30300	5.463	ug/L	90
25) Chloroform	5.095	83	113703	5.228	ug/L	99

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 10 01:58:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jul 24 01:01:20 2021
 Response via : Initial Calibration

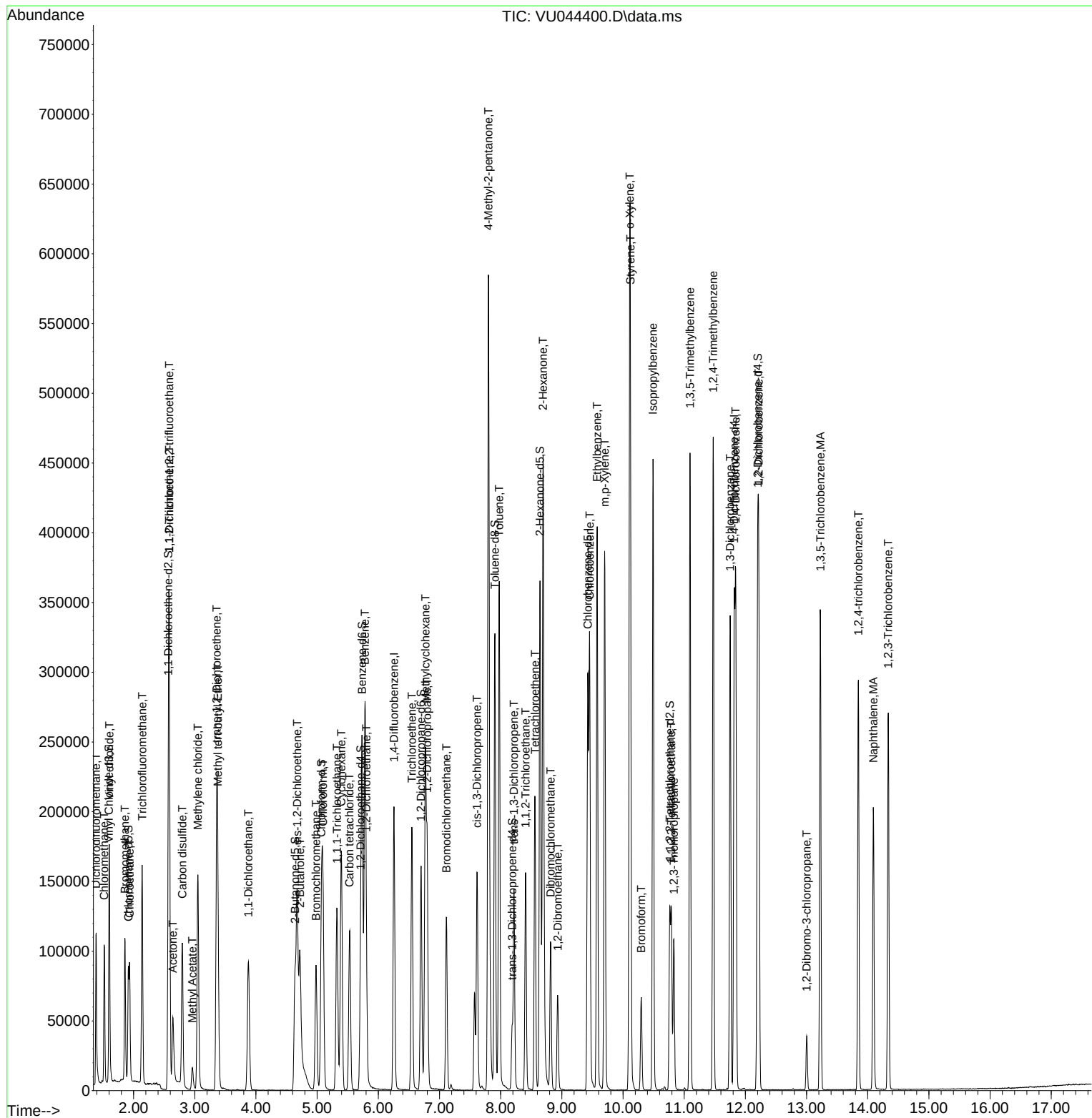
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	72791	5.122	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	93650	5.135	ug/L	99
30) Cyclohexane	5.394	56	87303	4.097	ug/L	96
31) Carbon tetrachloride	5.530	117	78527	5.148	ug/L	100
33) Benzene	5.780	78	248134	4.856	ug/L	100
34) Trichloroethene	6.549	95	64903	5.079	ug/L	97
35) Methylcyclohexane	6.771	83	96071	4.308	ug/L	97
37) 1,2-Dichloropropane	6.800	63	63452	4.873	ug/L #	97
38) Bromodichloromethane	7.115	83	82925	5.259	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	93225	4.919	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	411747	45.062	ug/L	99
42) Toluene	7.976	91	272492	5.098	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	80608	5.000	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	50313	5.206	ug/L	97
47) Tetrachloroethene	8.562	164	48574	5.176	ug/L	98
48) 2-Hexanone	8.693	43	302070	45.722	ug/L	97
49) Dibromochloromethane	8.816	129	56529	5.479	ug/L	94
50) 1,2-Dibromoethane	8.931	107	47242	5.041	ug/L	100
51) Chlorobenzene	9.455	112	175689	5.311	ug/L	95
52) Ethylbenzene	9.578	91	289152	5.078	ug/L	97
53) m,p-Xylene	9.700	106	114729	5.210	ug/L	95
54) o-Xylene	10.108	106	111954	5.222	ug/L	96
55) Styrene	10.121	104	195646	5.334	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.790	83	63525	5.001	ug/L	94
59) Bromoform	10.298	173	30632	5.447	ug/L	99
60) Isopropylbenzene	10.491	105	296124	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	45732	4.810	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	247350	5.207	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	254600	5.224	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	141864	5.462	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	141889	5.360	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	133889	5.354	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	10120	4.921	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	105870	5.457	ug/L	98
70) 1,2,4-trichlorobenzene	13.848	180	89550	5.453	ug/L	99
71) Naphthalene	14.092	128	162054	5.023	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	82850	5.565	ug/L	98

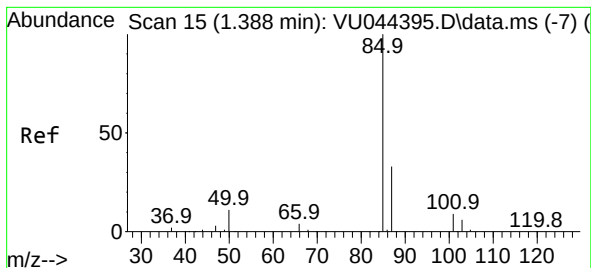
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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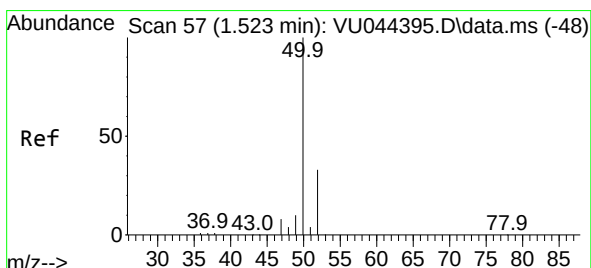
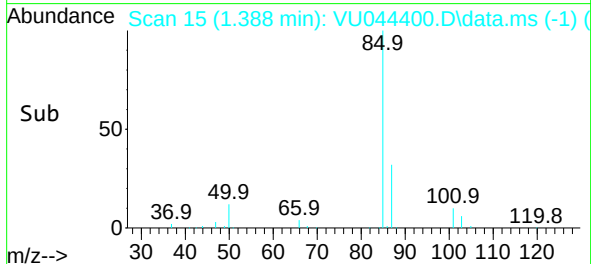
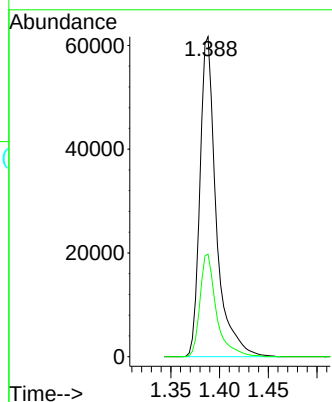
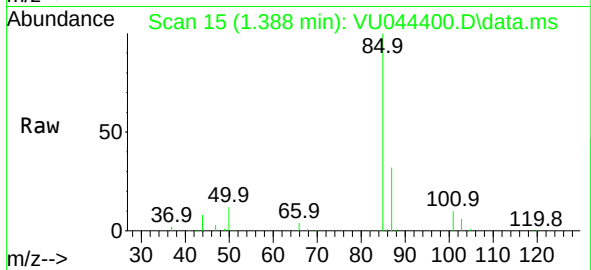




#2
Dichlorodifluoromethane
Concen: 4.797 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

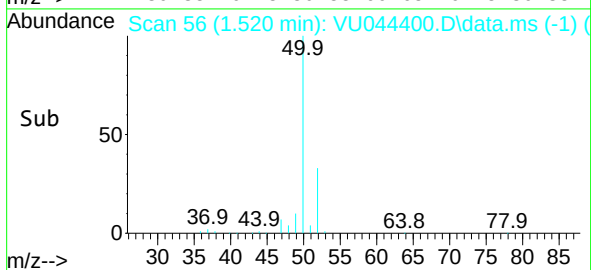
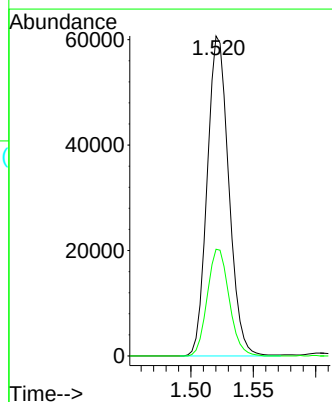
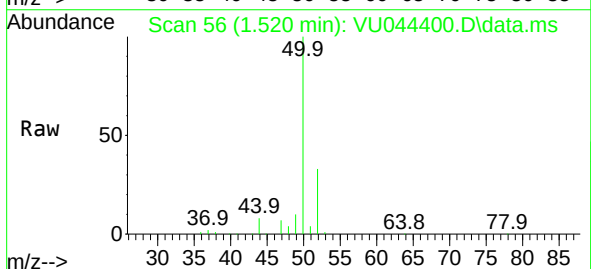
Instrument :
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ClientSampled :

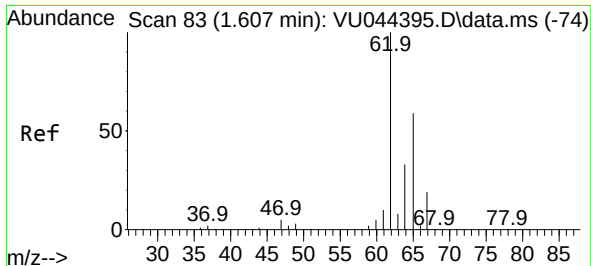
Tgt Ion: 85 Resp: 71659
Ion Ratio Lower Upper
85 100
87 32.3 26.2 39.2



#3
Chloromethane
Concen: 4.546 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 50 Resp: 73163
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.0

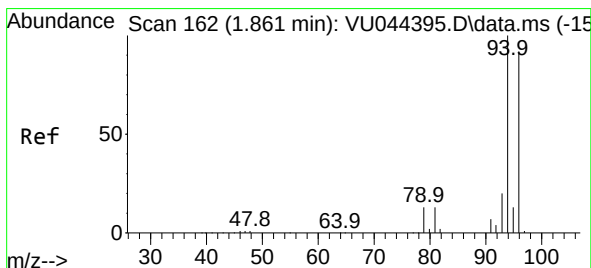
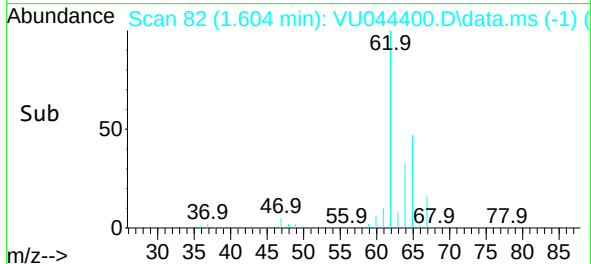
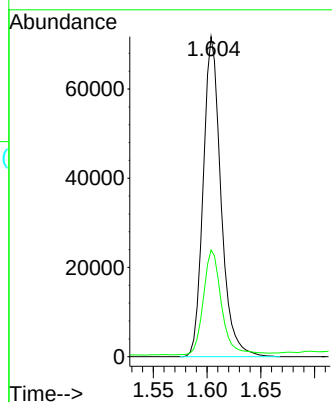
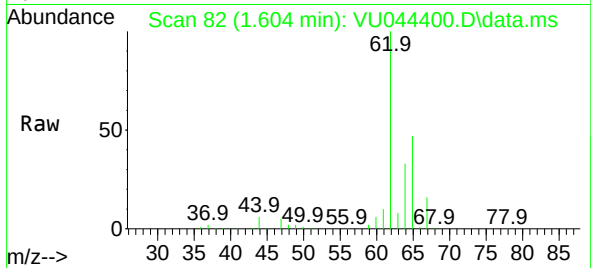




#5
 Vinyl chloride
 Concen: 4.889 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

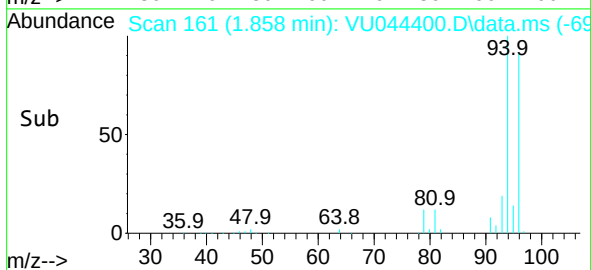
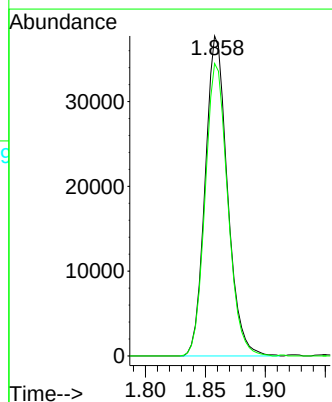
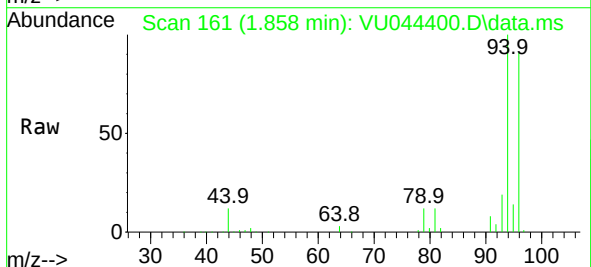
Instrument :
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 ClientSampled :

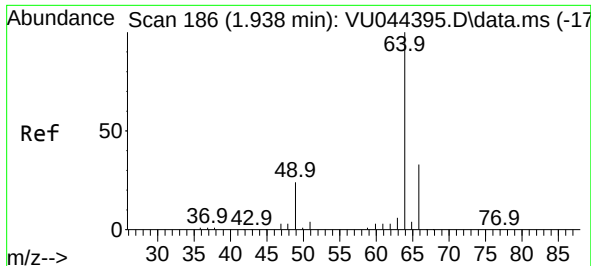
Tgt Ion: 62 Resp: 82483
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 5.140 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

Tgt Ion: 94 Resp: 48816
 Ion Ratio Lower Upper
 94 100
 96 91.4 64.5 119.9

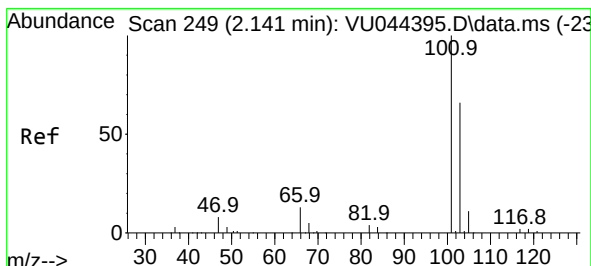
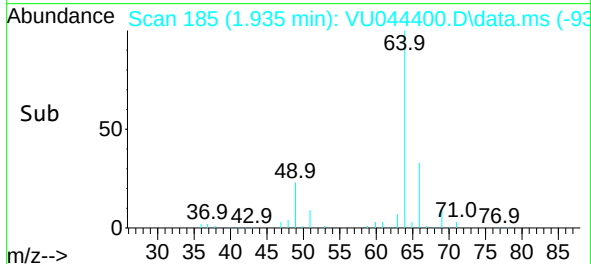
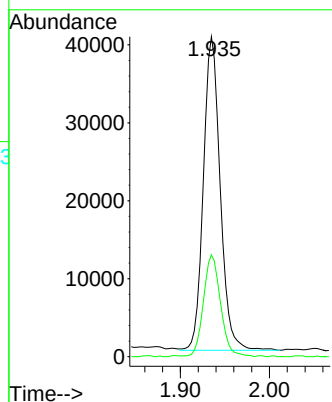
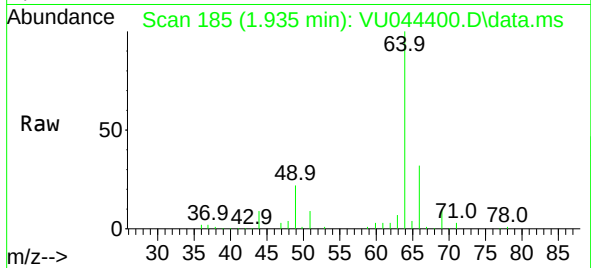




#8
Chloroethane
Concen: 5.429 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

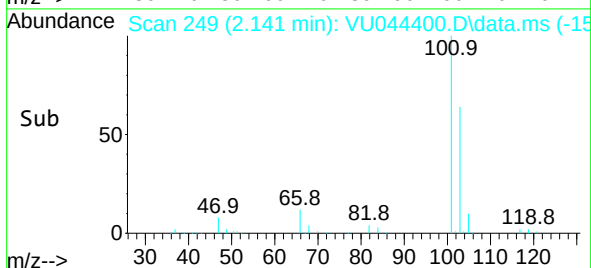
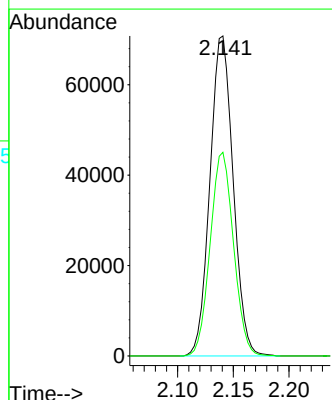
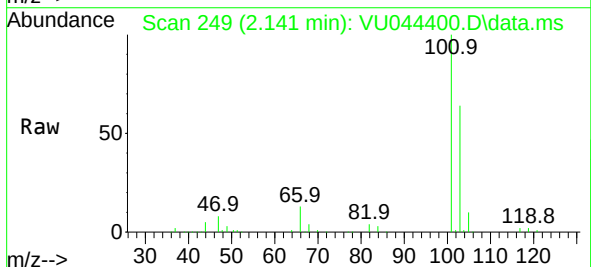
Instrument :
MSVOA_U
ClientSampled :

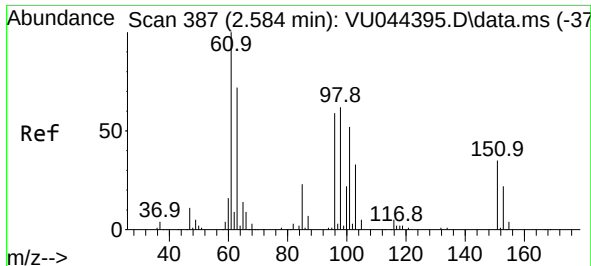
Tgt Ion: 64 Resp: 52868
Ion Ratio Lower Upper
64 100
66 31.9 22.6 42.0



#9
Trichlorofluoromethane
Concen: 5.530 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:101 Resp: 102638
Ion Ratio Lower Upper
101 100
103 64.0 52.1 78.1

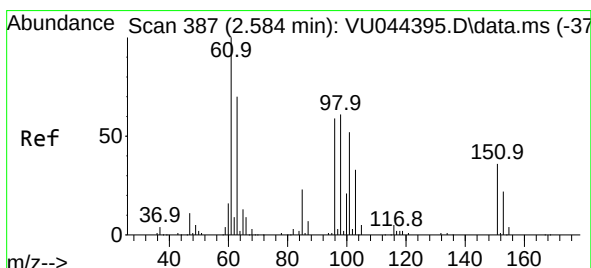
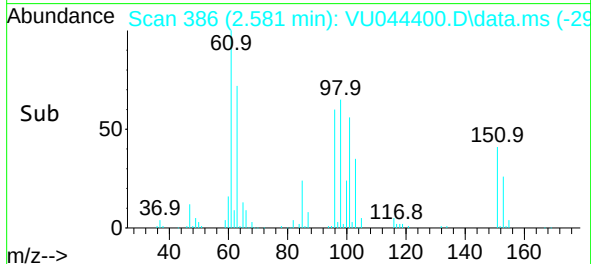
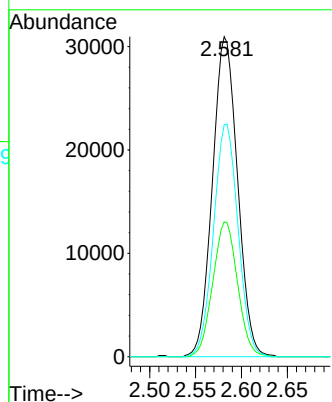
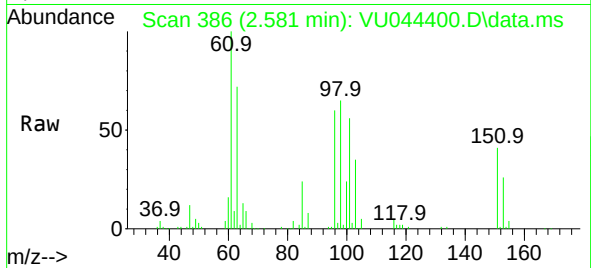




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.263 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

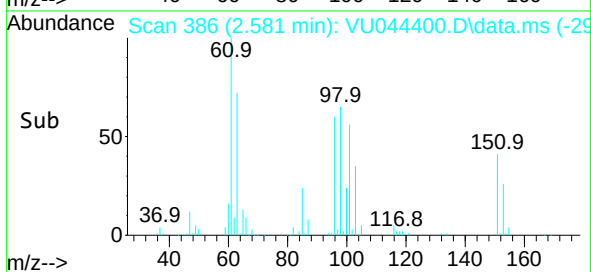
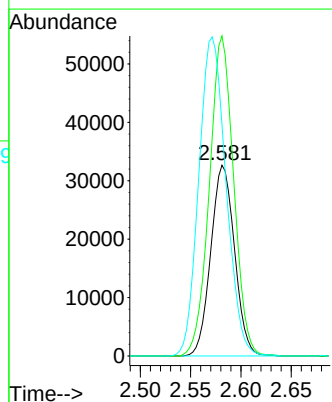
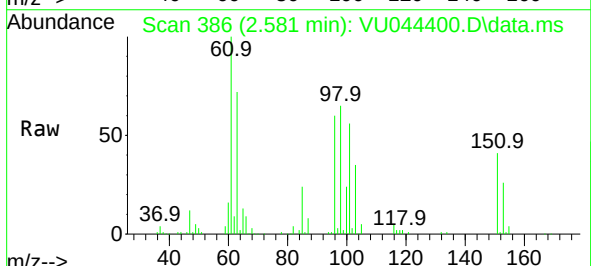
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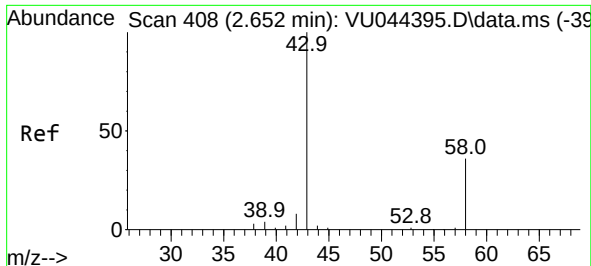
Tgt Ion:101 Resp: 58980
 Ion Ratio Lower Upper
 101 100
 85 41.4 34.2 51.4
 151 71.1 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 4.894 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

Tgt Ion: 96 Resp: 53635
 Ion Ratio Lower Upper
 96 100
 61 167.7 118.3 219.7
 63 121.5 85.7 159.1

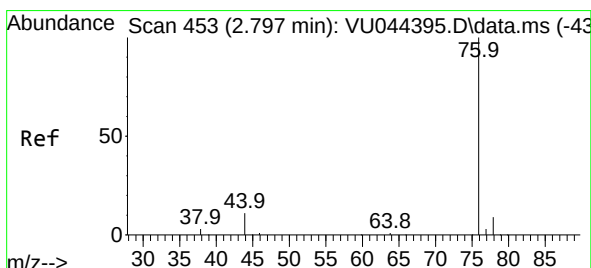
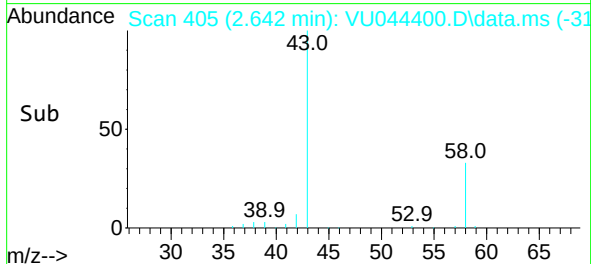
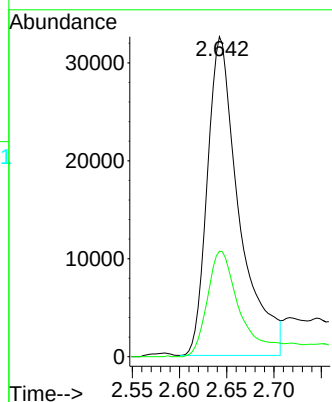
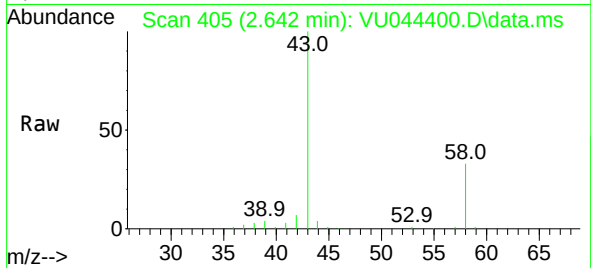




#13
Acetone
Concen: 38.624 ug/L
RT: 2.642 min Scan# 405
Delta R.T. -0.010 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

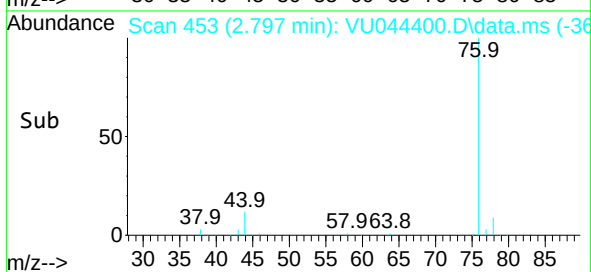
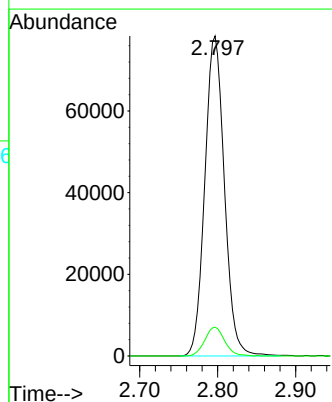
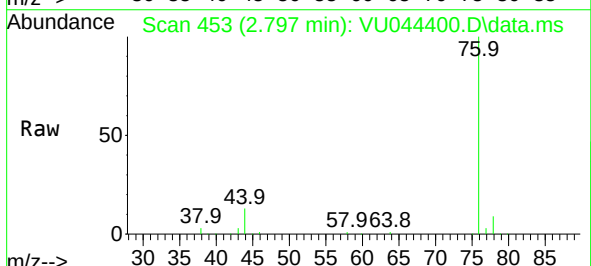
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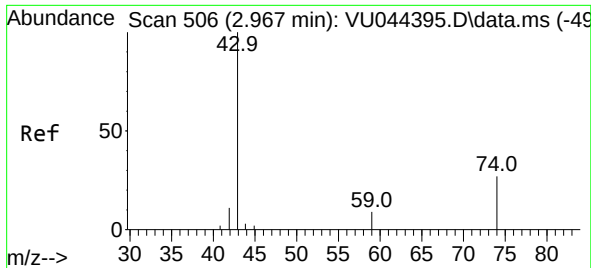
Tgt Ion: 43 Resp: 75998
Ion Ratio Lower Upper
43 100
58 34.3 0.0 67.2



#14
Carbon disulfide
Concen: 3.820 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044400.D
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Tgt Ion: 76 Resp: 136677
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

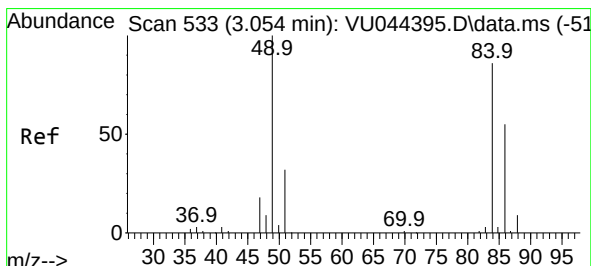
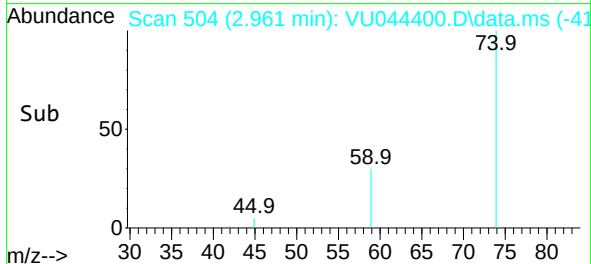
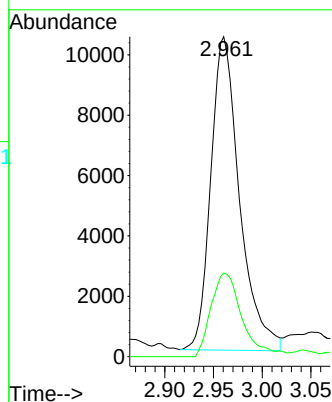
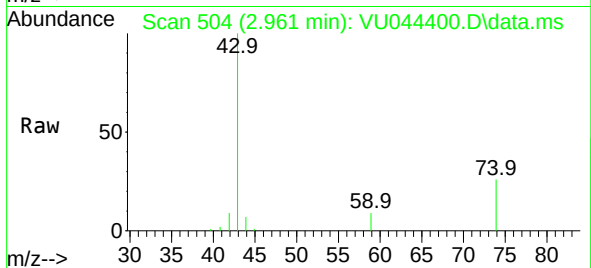




#15
Methyl Acetate
Concen: 4.749 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.006 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

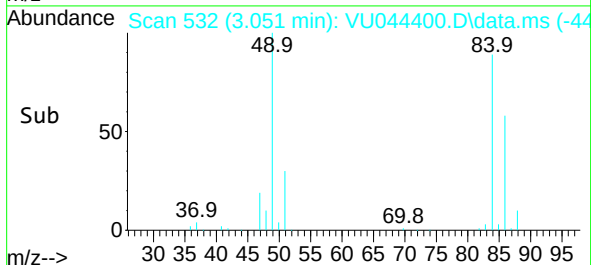
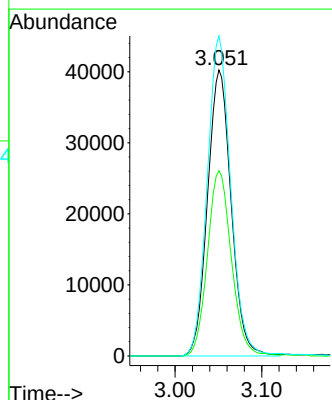
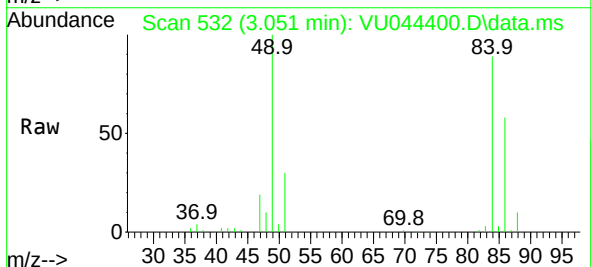
Instrument :
MSVOA_U
ClientSampled :

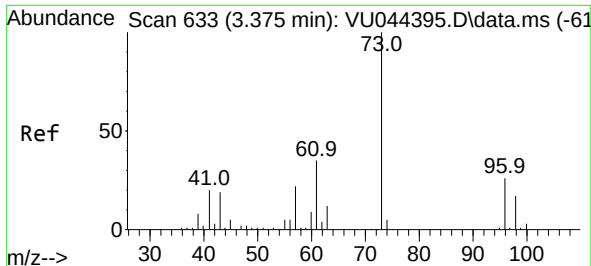
Tgt Ion: 43 Resp: 21340
Ion Ratio Lower Upper
43 100
74 28.8 16.7 25.1#



#16
Methylene chloride
Concen: 5.232 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 84 Resp: 76444
Ion Ratio Lower Upper
84 100
86 64.8 45.2 84.0
49 111.9 81.8 152.0



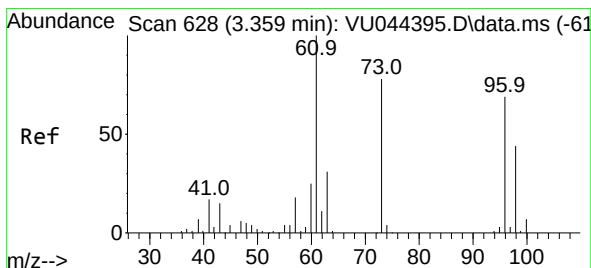
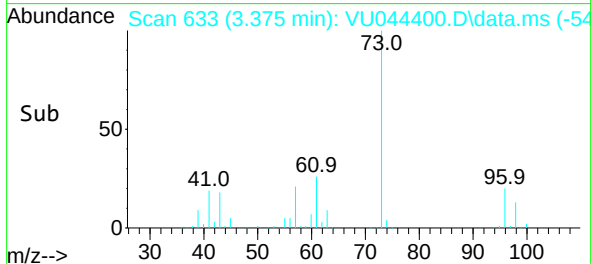
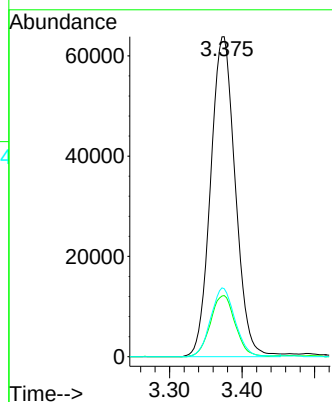
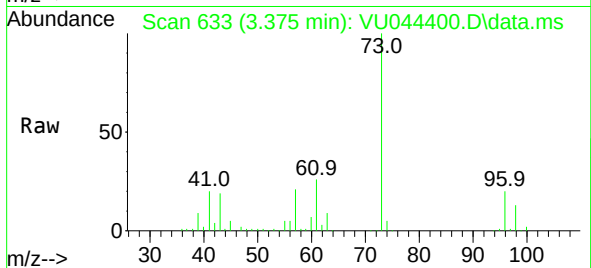


#17

Methyl tert-butyl Ether
Concen: 5.016 ug/L
RT: 3.375 min Scan# 633
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Instrument :
MSVOA_U
ClientSampled :

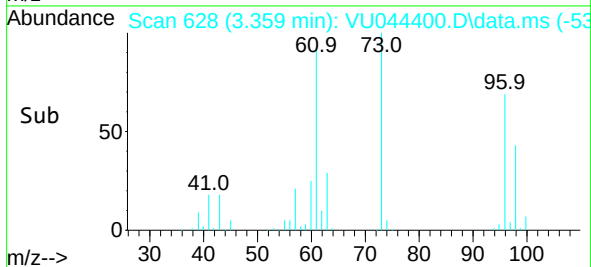
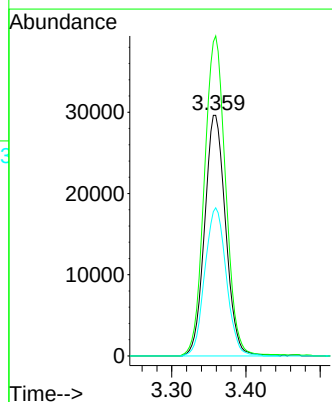
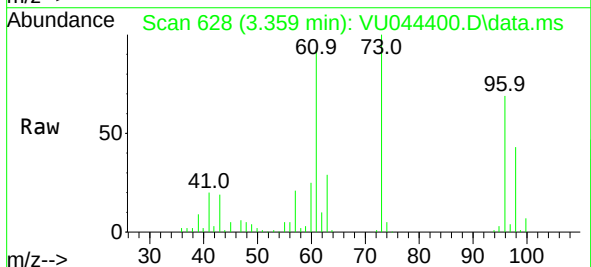
Tgt Ion: 73	Resp: 150612
Ion Ratio	Lower Upper
73 100	
43 19.3	15.3 22.9
57 21.1	17.4 26.0

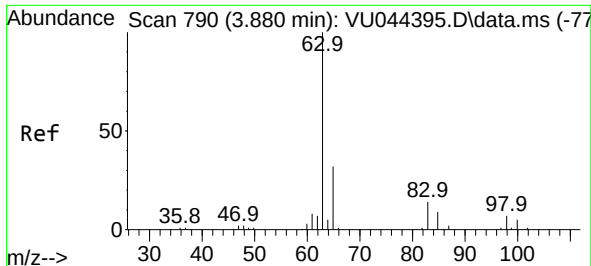


#18

trans-1,2-Dichloroethene
Concen: 4.965 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 96	Resp: 58179
Ion Ratio	Lower Upper
96 100	
61 133.0	101.4 188.4
98 61.6	44.4 82.4





#19

1,1-Dichloroethane

Concen: 5.083 ug/L

RT: 3.877 min Scan# 789

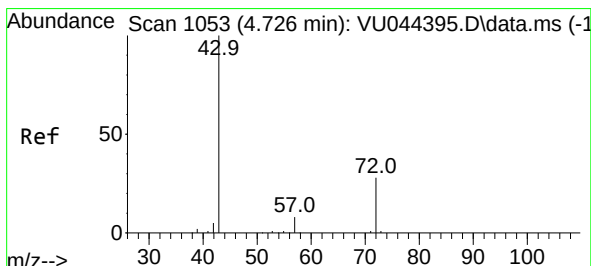
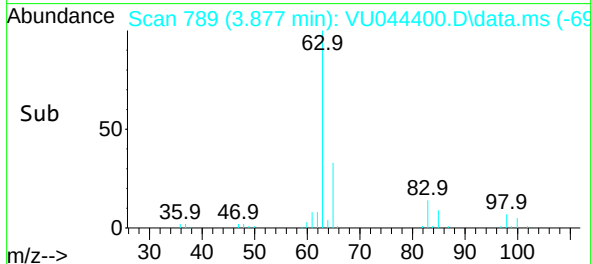
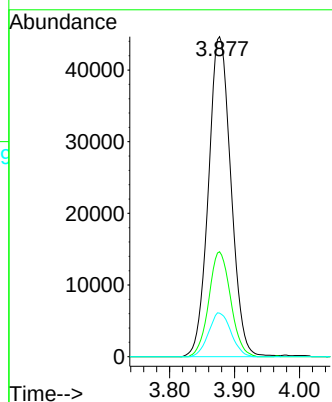
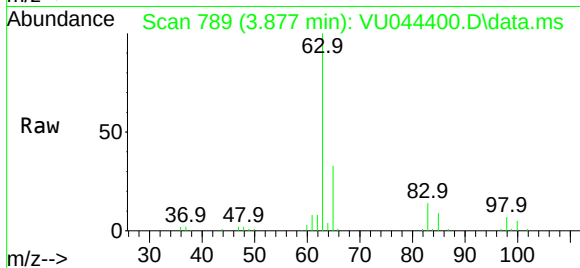
Delta R.T. -0.003 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

Tgt Ion: 63 Resp: 107360

Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.1	41.1
83	13.6	9.7	17.9



#21

2-Butanone

Concen: 46.114 ug/L

RT: 4.719 min Scan# 1051

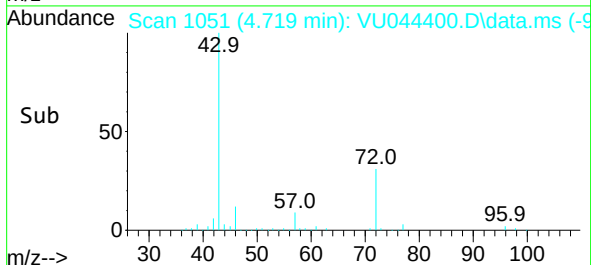
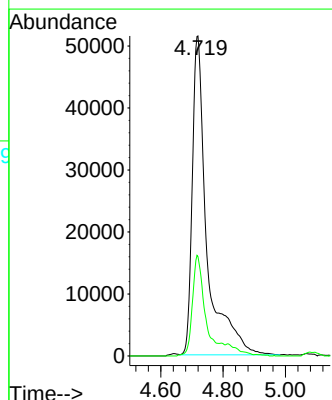
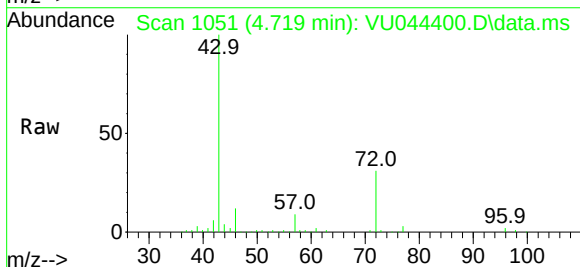
Delta R.T. -0.007 min

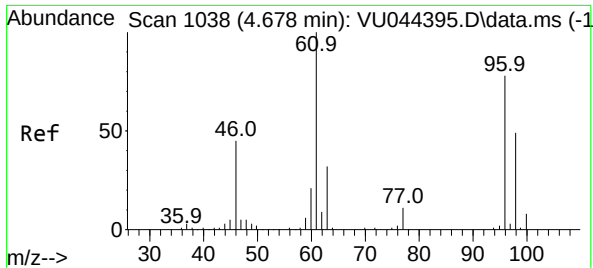
Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

Tgt Ion: 43 Resp: 168427

Ion	Ratio	Lower	Upper
43	100		
72	26.2	14.4	43.2



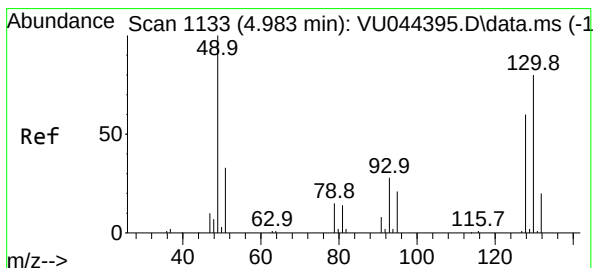
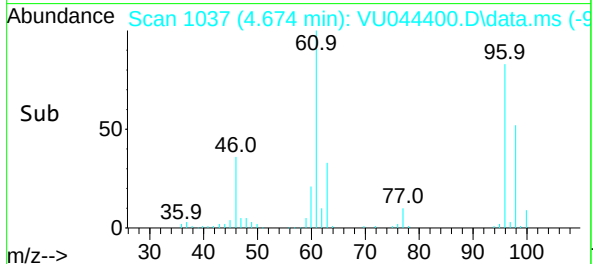
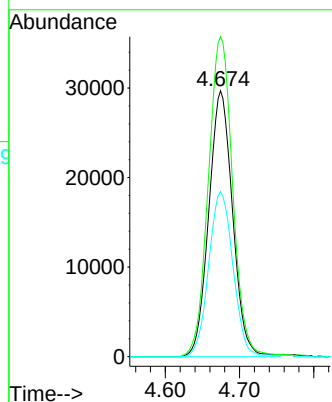
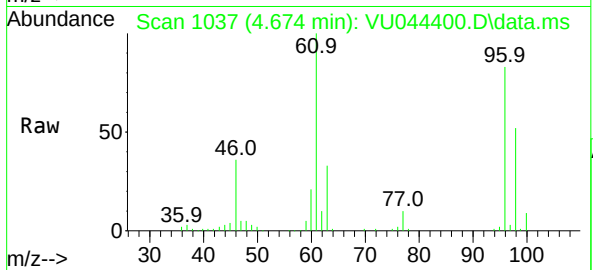


#22

cis-1,2-Dichloroethene
Concen: 5.161 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Instrument :
MSVOA_U
ClientSampled :

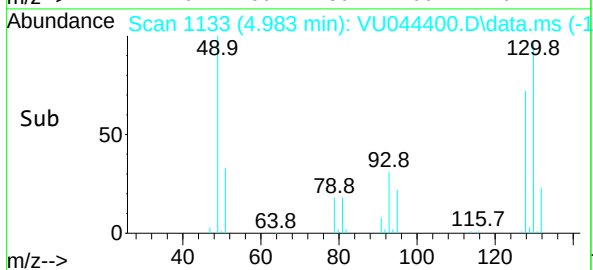
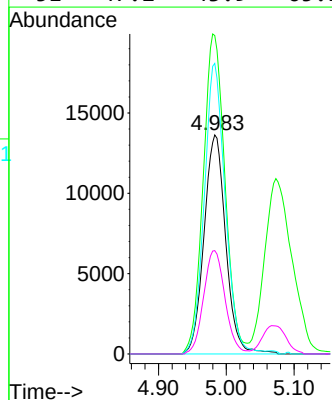
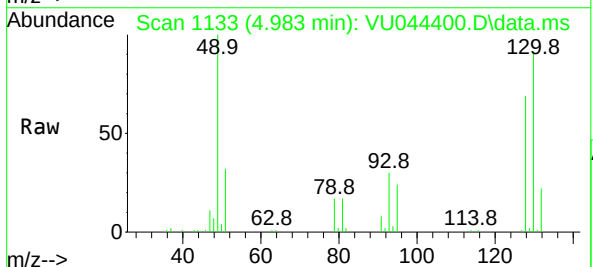
Tgt Ion: 96 Resp: 66075
Ion Ratio Lower Upper
96 100
61 120.3 89.9 166.9
98 62.1 44.1 81.9

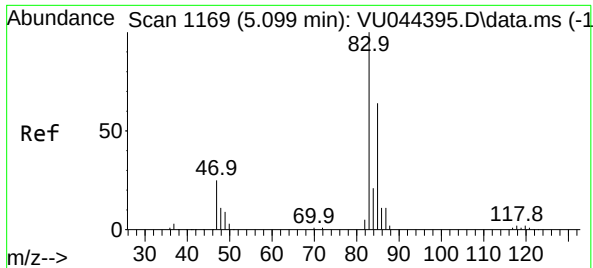


#23

Bromochloromethane
Concen: 5.463 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 128 Resp: 30300
Ion Ratio Lower Upper
128 100
49 145.3 117.4 218.0
130 132.6 93.6 173.8
51 47.2 43.9 65.9

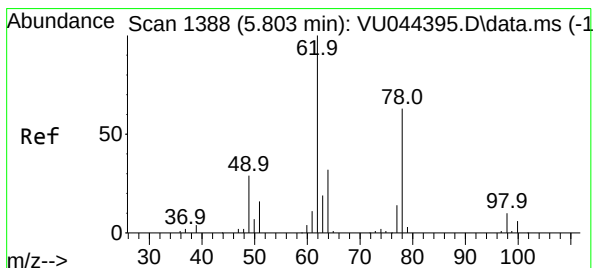
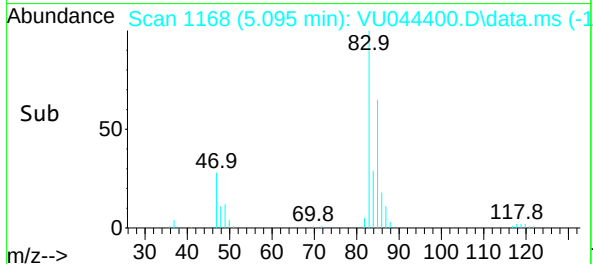
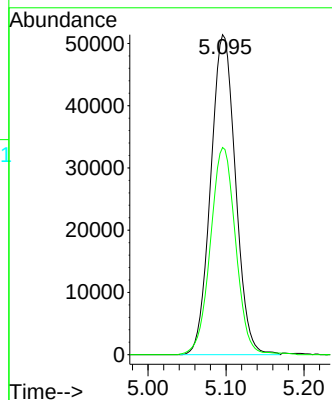
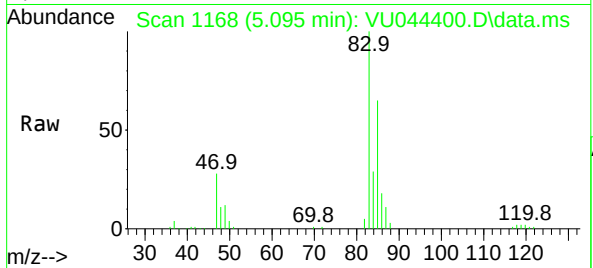




#25
Chloroform
Concen: 5.228 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

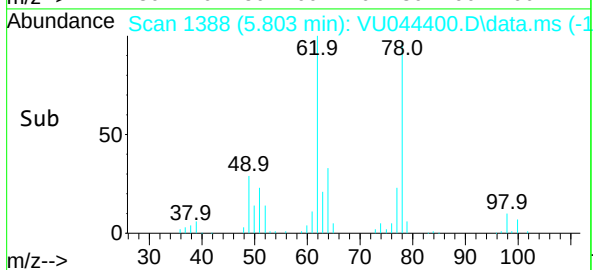
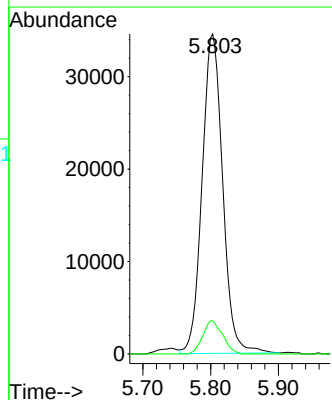
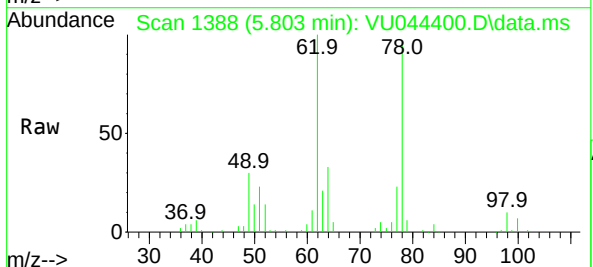
Instrument :
MSVOA_U
ClientSampled :

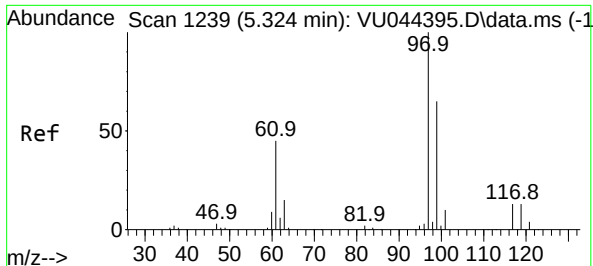
Tgt Ion: 83 Resp: 113703
Ion Ratio Lower Upper
83 100
85 64.8 44.7 82.9



#27
1,2-Dichloroethane
Concen: 5.122 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 62 Resp: 72791
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6





#29

1,1,1-Trichloroethane

Concen: 5.135 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

Tgt Ion: 97 Resp: 93650

Ion Ratio Lower Upper

97 100

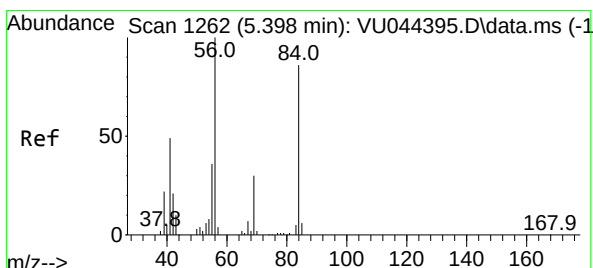
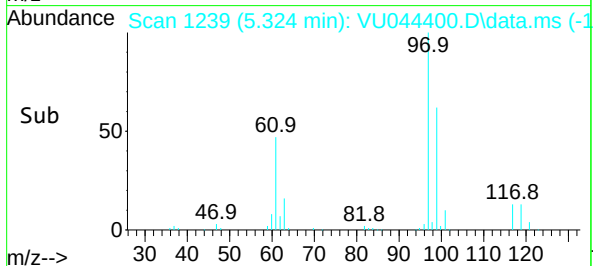
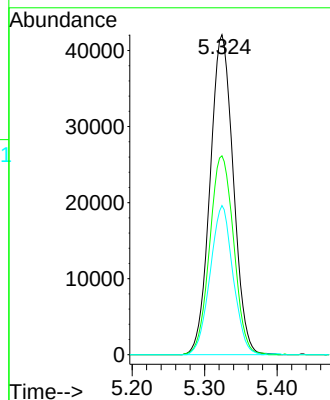
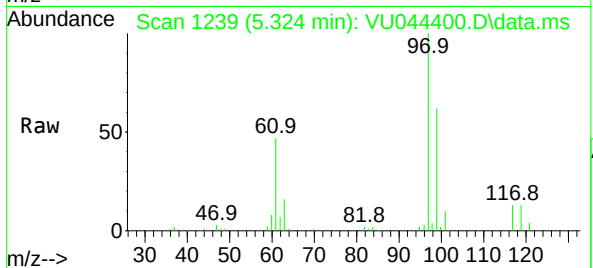
99 64.2 52.6 78.8

61 46.0 36.9 55.3

Instrument :

MSVOA_U

ClientSampled :



#30

Cyclohexane

Concen: 4.097 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.003 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

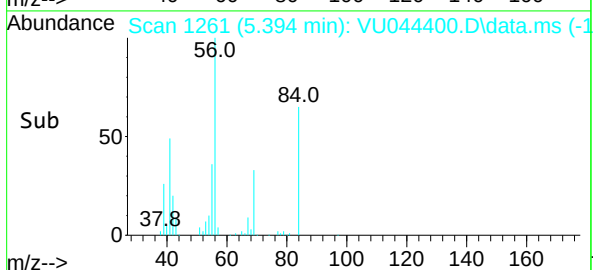
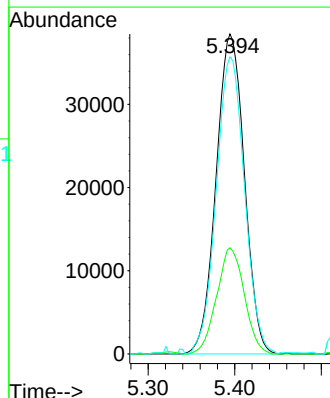
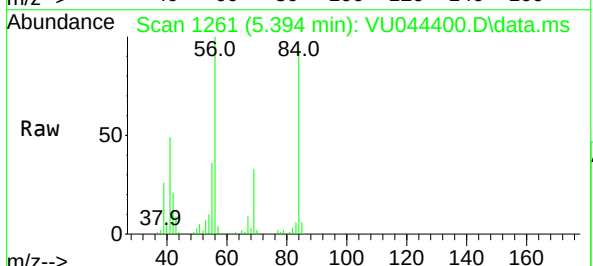
Tgt Ion: 56 Resp: 87303

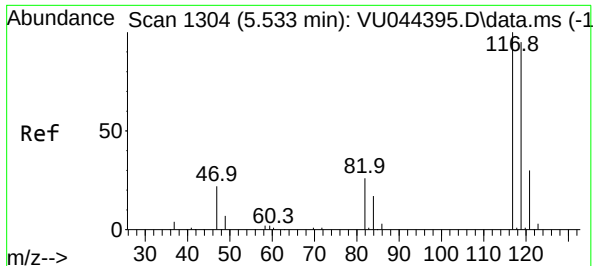
Ion Ratio Lower Upper

56 100

69 32.4 24.8 37.2

84 93.1 71.0 106.6

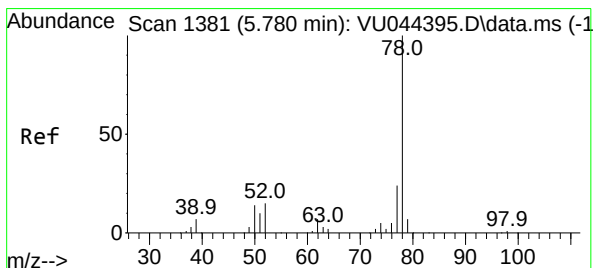
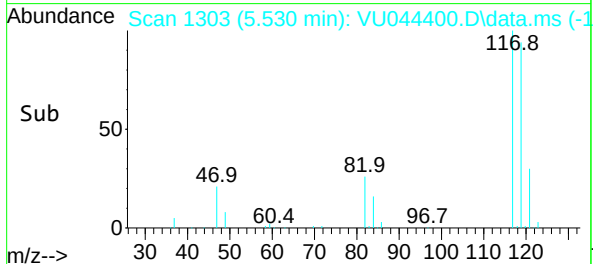
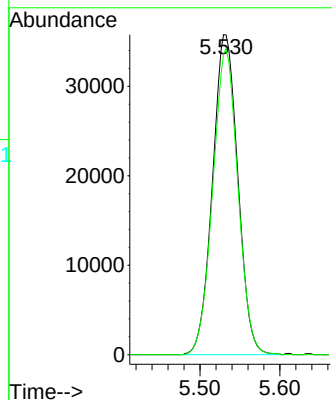
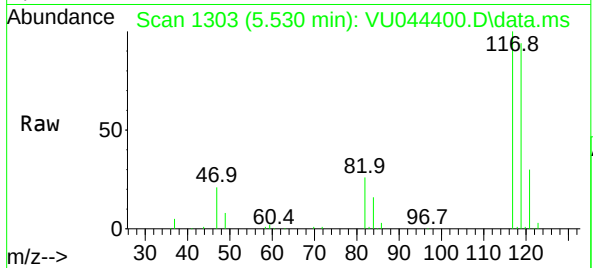




#31
Carbon tetrachloride
Concen: 5.148 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

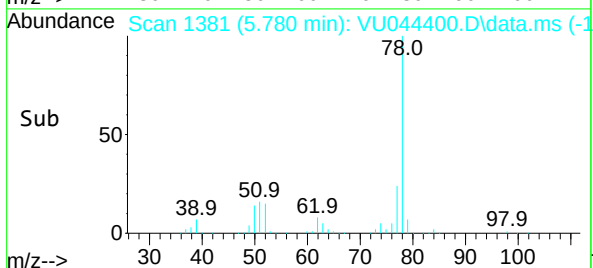
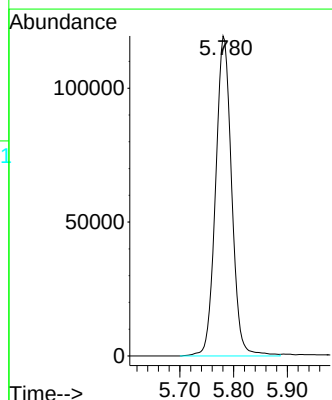
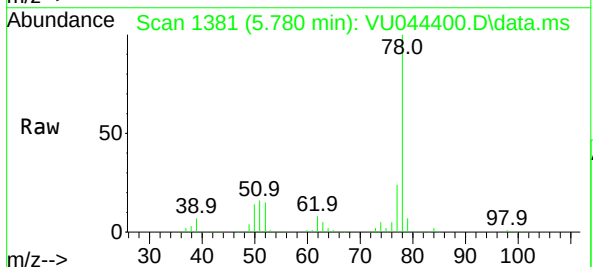
Instrument :
MSVOA_U
ClientSampled :

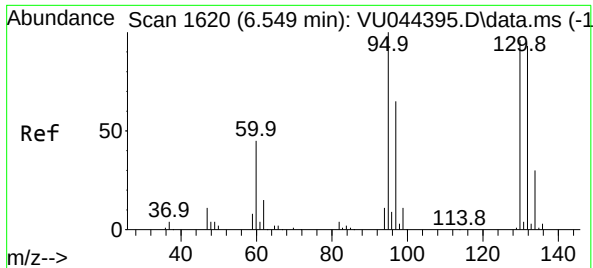
Tgt Ion:117 Resp: 78527
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6



#33
Benzene
Concen: 4.856 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 78 Resp: 248134





#34

Trichloroethene

Concen: 5.079 ug/L

RT: 6.549 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

Tgt Ion: 95 Resp: 64903

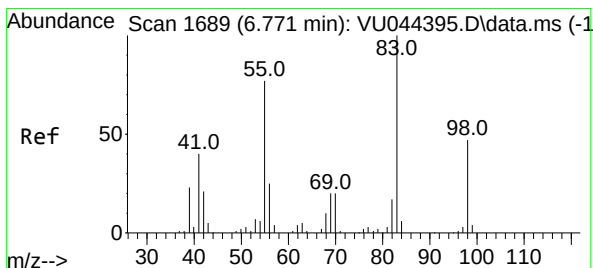
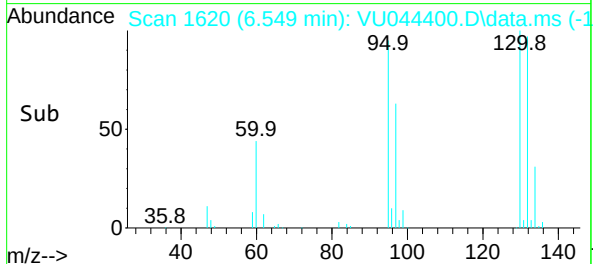
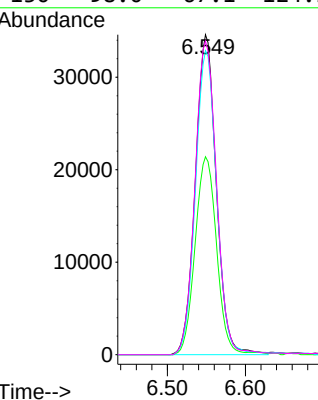
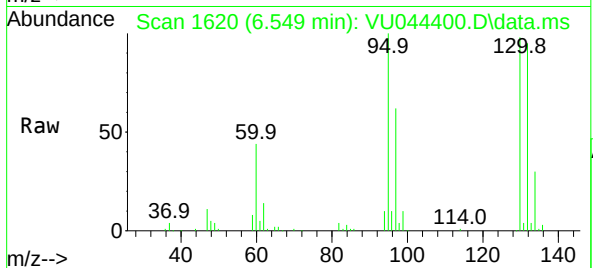
Ion Ratio Lower Upper

95 100

97 61.8 45.4 84.4

132 95.0 64.8 120.4

130 98.0 67.1 124.5



#35

Methylcyclohexane

Concen: 4.308 ug/L

RT: 6.771 min Scan# 1689

Delta R.T. -0.000 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

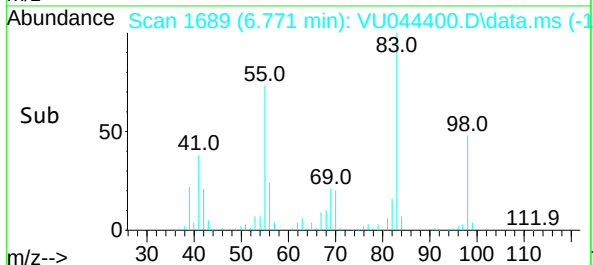
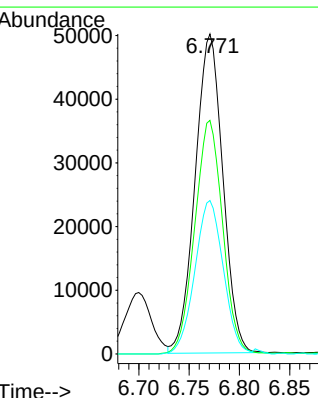
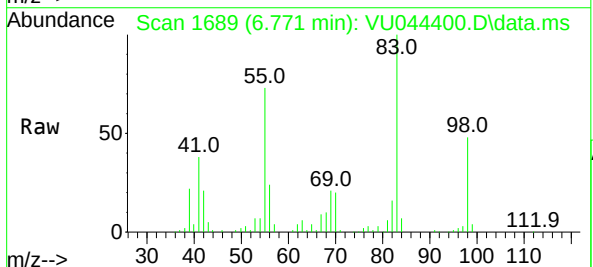
Tgt Ion: 83 Resp: 96071

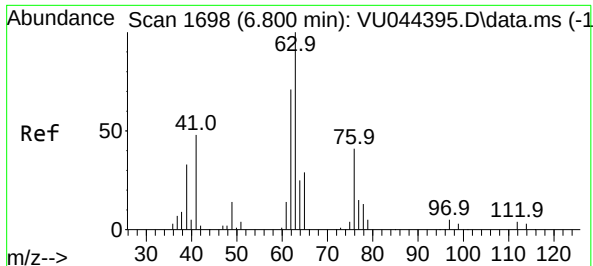
Ion Ratio Lower Upper

83 100

55 73.7 61.4 92.0

98 49.4 38.2 57.2



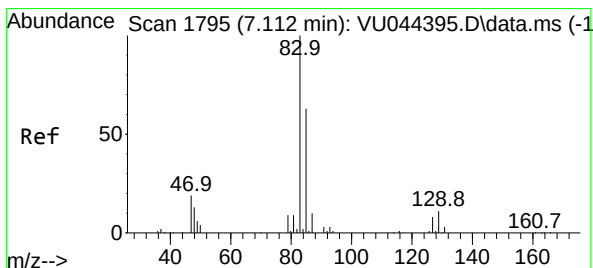
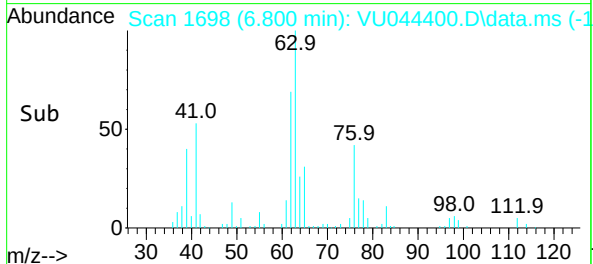
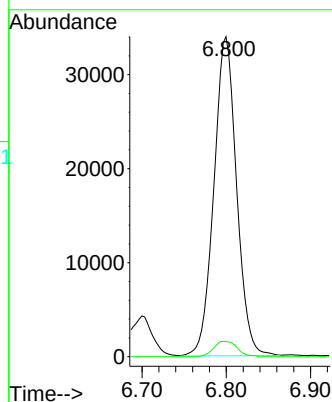
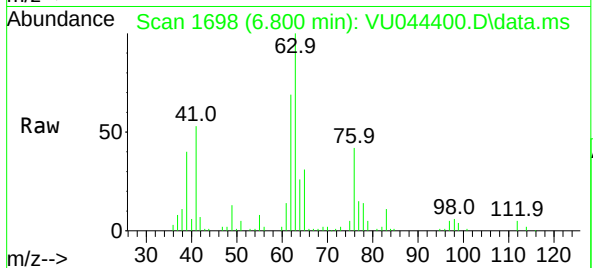


#37

1,2-Dichloropropane
Concen: 4.873 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Instrument :
MSVOA_U
ClientSampled :

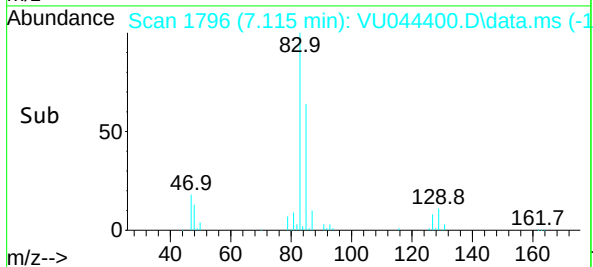
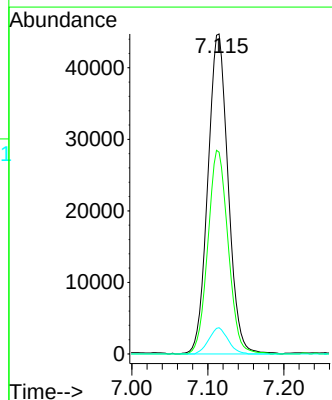
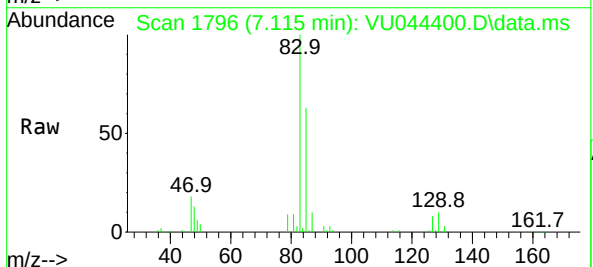
Tgt Ion: 63 Resp: 63452
Ion Ratio Lower Upper
63 100
112 5.0 3.2 4.8#

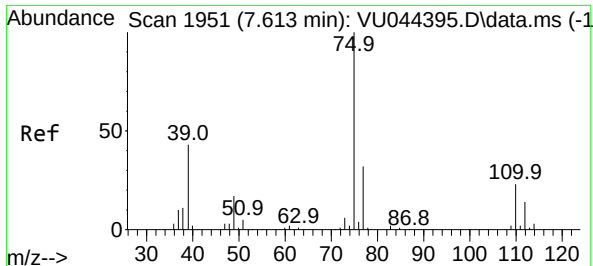


#38

Bromodichloromethane
Concen: 5.259 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 83 Resp: 82925
Ion Ratio Lower Upper
83 100
85 63.1 44.0 81.6
127 8.2 6.6 10.0

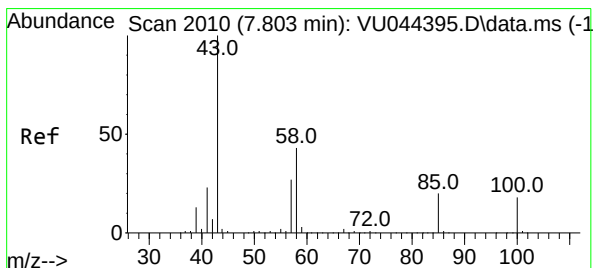
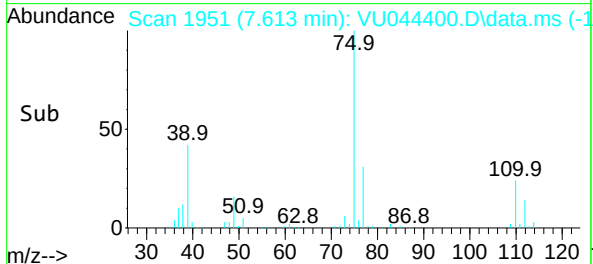
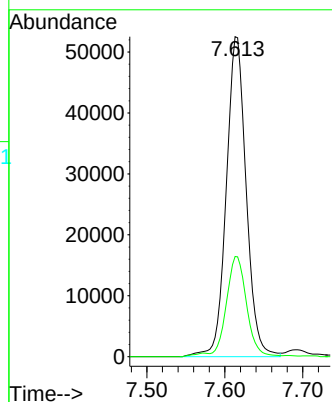
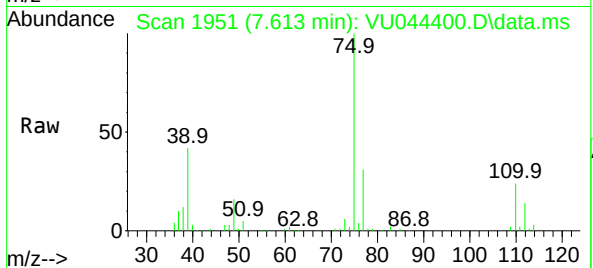




#39
 cis-1,3-Dichloropropene
 Concen: 4.919 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.000 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

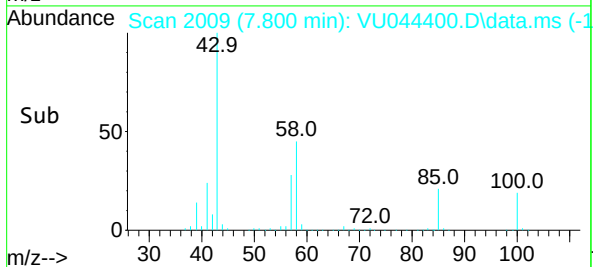
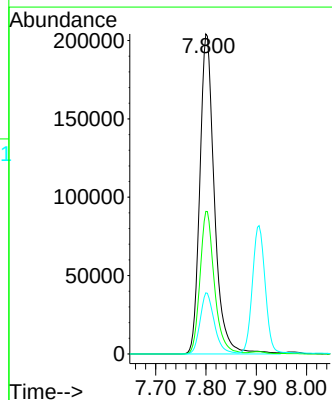
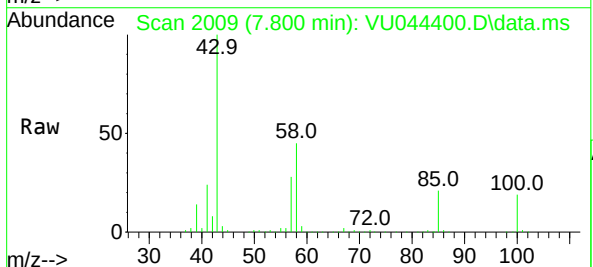
Instrument :
 MSVOA_U
 ClientSampled :

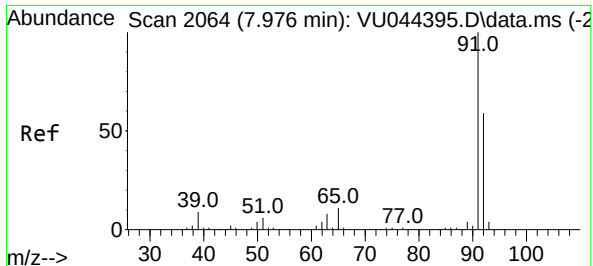
Tgt Ion: 75 Resp: 93225
 Ion Ratio Lower Upper
 75 100
 77 31.3 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 45.062 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

Tgt Ion: 43 Resp: 411747
 Ion Ratio Lower Upper
 43 100
 58 43.9 34.6 52.0
 100 18.7 13.9 20.9

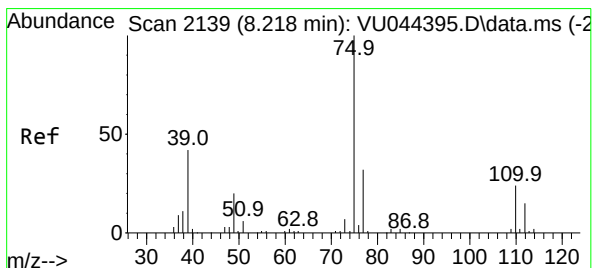
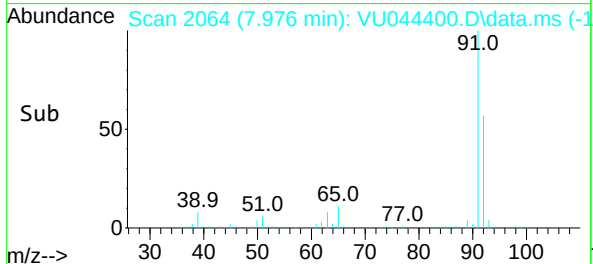
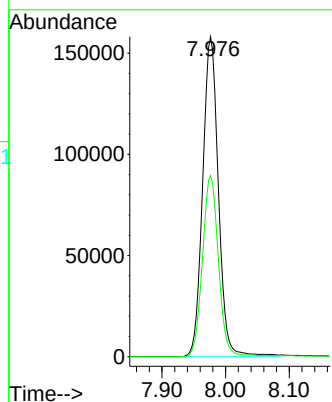
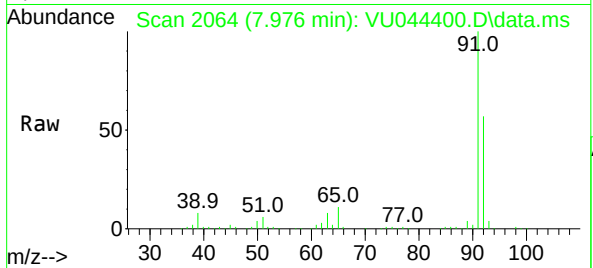




#42
Toluene
Concen: 5.098 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

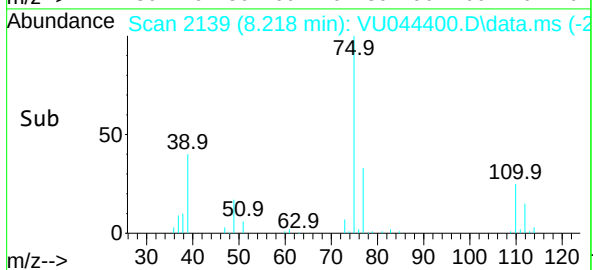
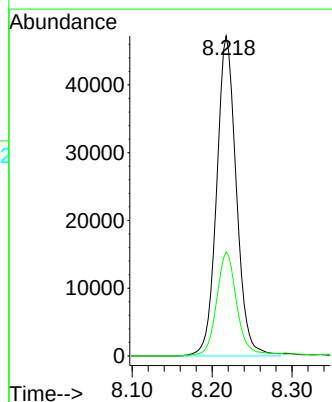
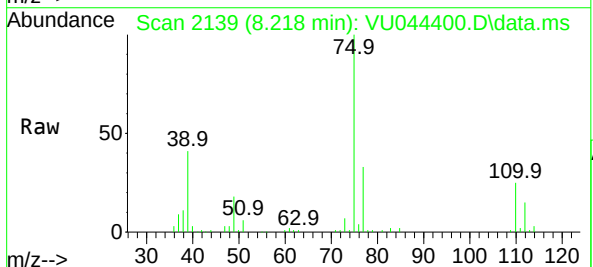
Instrument :
MSVOA_U
ClientSampled :

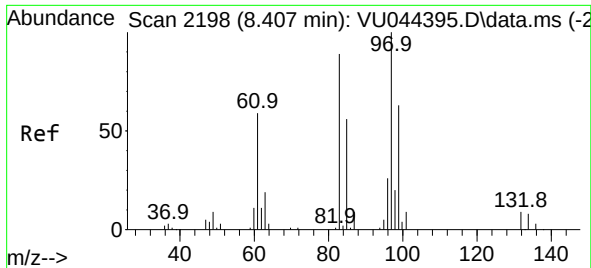
Tgt Ion: 91 Resp: 272492
Ion Ratio Lower Upper
91 100
92 56.6 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 5.000 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 75 Resp: 80608
Ion Ratio Lower Upper
75 100
77 32.5 22.5 41.7

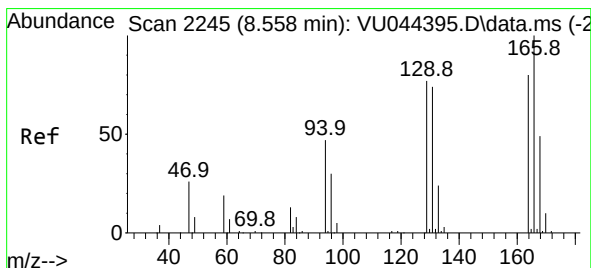
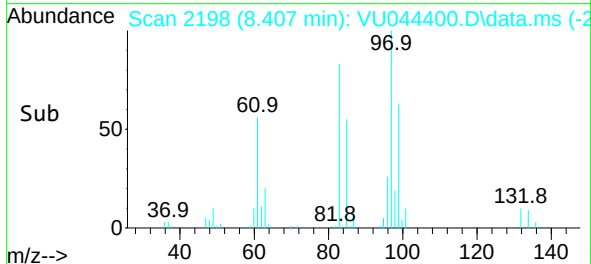
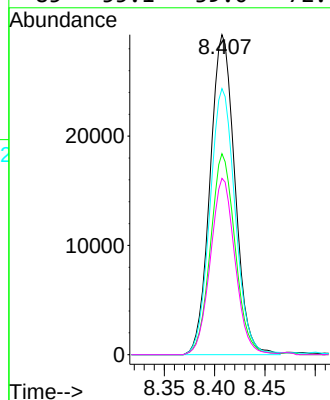
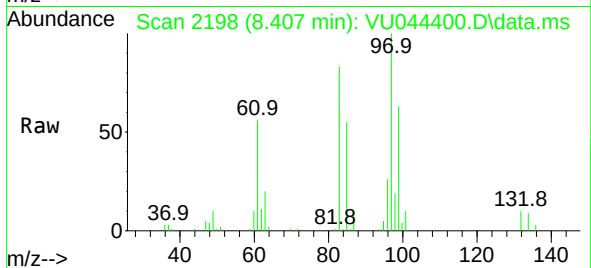




#45
1,1,2-Trichloroethane
Concen: 5.206 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

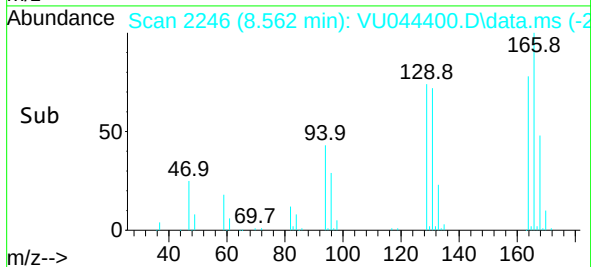
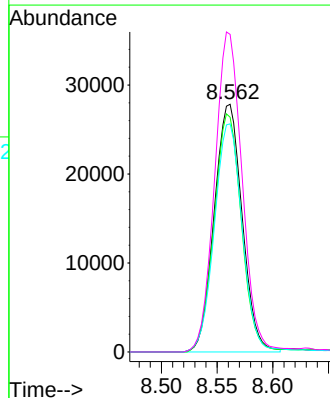
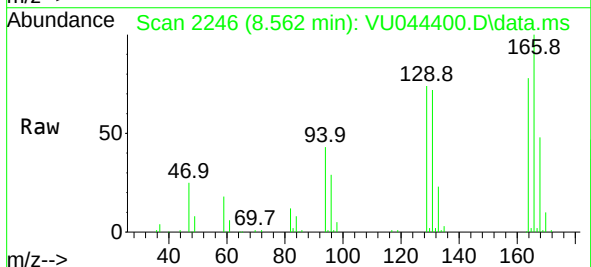
Instrument :
MSVOA_U
ClientSampled :

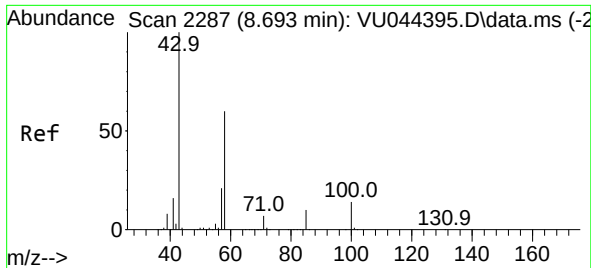
Tgt Ion:	97	Resp:	50313
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	83.1	62.2	115.4
85	55.1	39.0	72.4



#47
Tetrachloroethene
Concen: 5.176 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

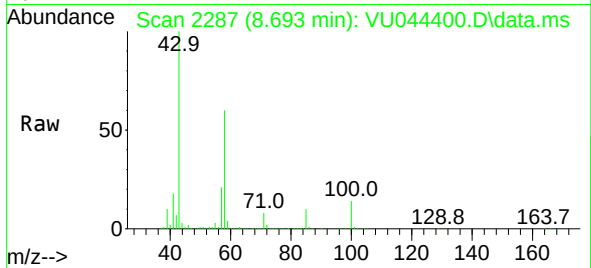
Tgt Ion:	164	Resp:	48574
Ion	Ratio	Lower	Upper
164	100		
129	94.7	67.8	126.0
131	92.1	64.7	120.1
166	128.2	87.6	162.6



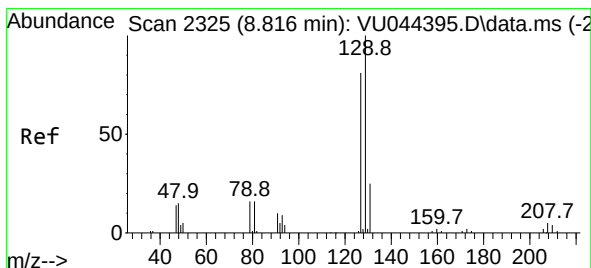
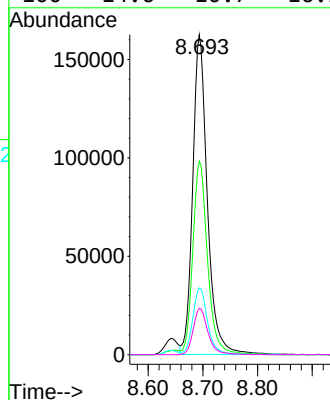
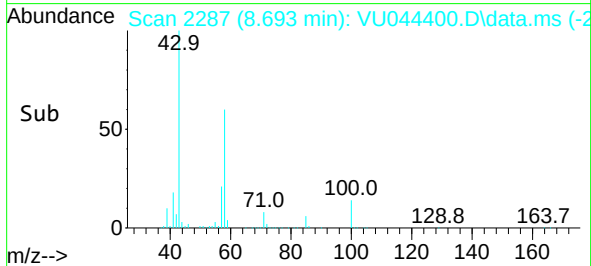


#48
2-Hexanone
Concen: 45.722 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

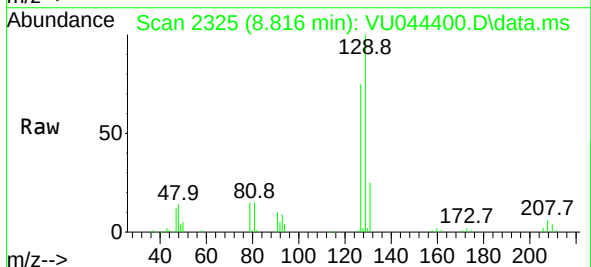
Instrument :
MSVOA_U
ClientSampled :



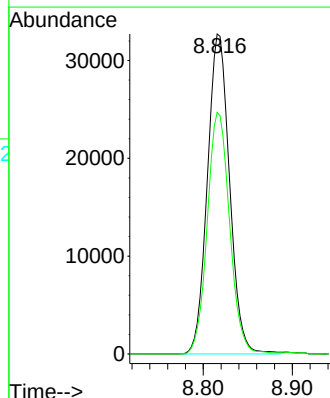
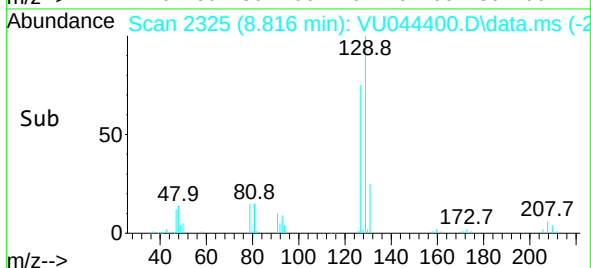
Tgt Ion: 43 Resp: 302070
Ion Ratio Lower Upper
43 100
58 61.2 47.3 70.9
57 21.4 16.6 24.8
100 14.6 10.7 16.1

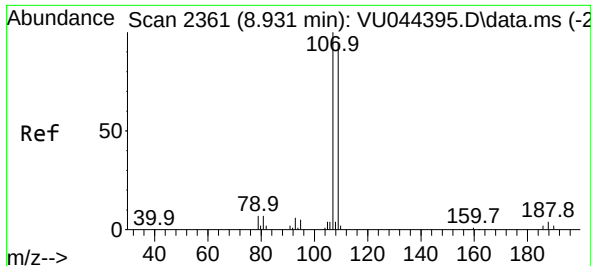


#49
Dibromochloromethane
Concen: 5.479 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06



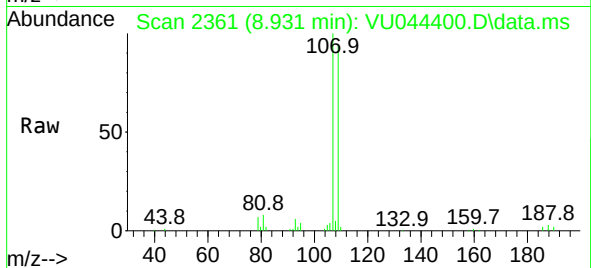
Tgt Ion: 129 Resp: 56529
Ion Ratio Lower Upper
129 100
127 75.5 56.4 104.8



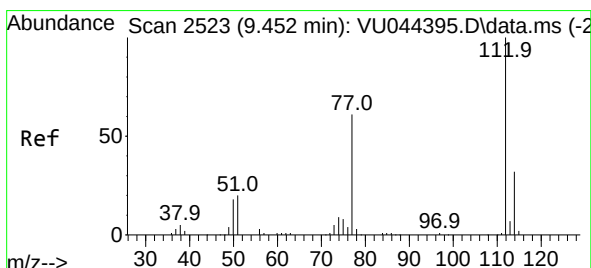
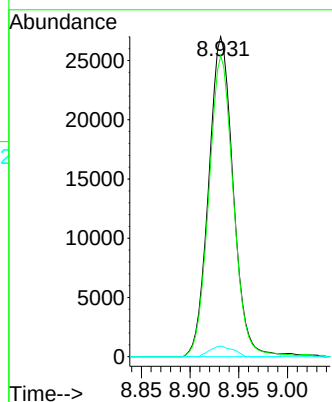
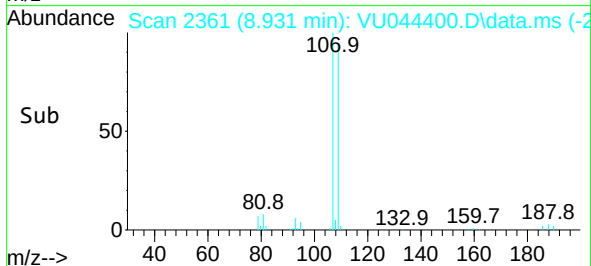


#50
1,2-Dibromoethane
Concen: 5.041 ug/L
RT: 8.931 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

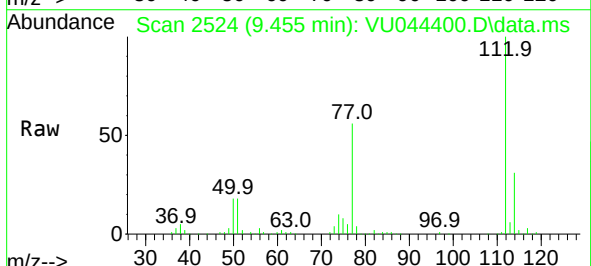
Instrument :
MSVOA_U
ClientSampled :



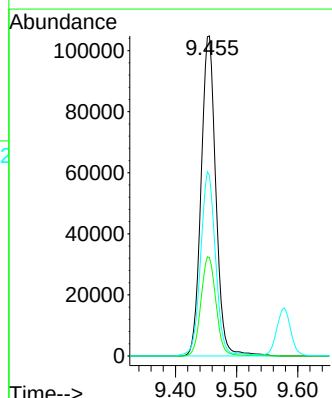
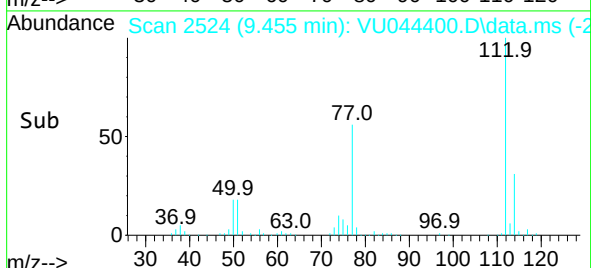
Tgt Ion:107 Resp: 47242
Ion Ratio Lower Upper
107 100
109 94.0 66.0 122.6
188 3.3 2.8 4.2

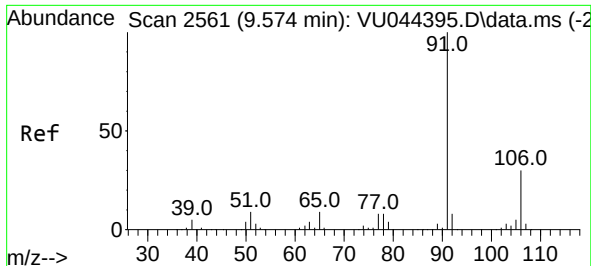


#51
Chlorobenzene
Concen: 5.311 ug/L
RT: 9.455 min Scan# 2524
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06



Tgt Ion:112 Resp: 175689
Ion Ratio Lower Upper
112 100
114 30.8 22.5 41.7
77 56.3 48.9 73.3

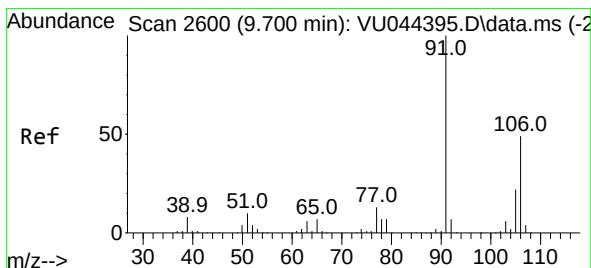
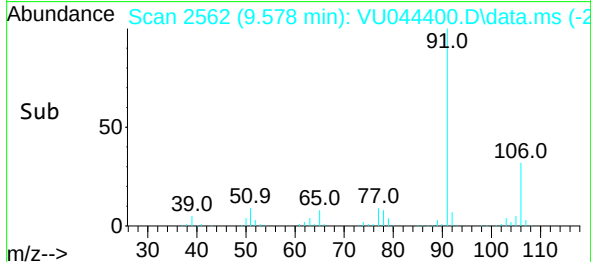
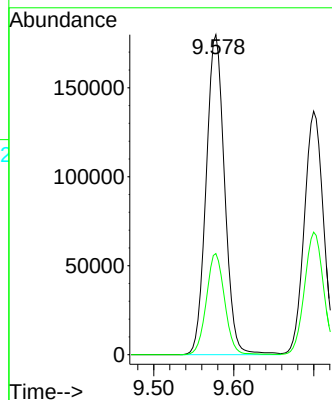
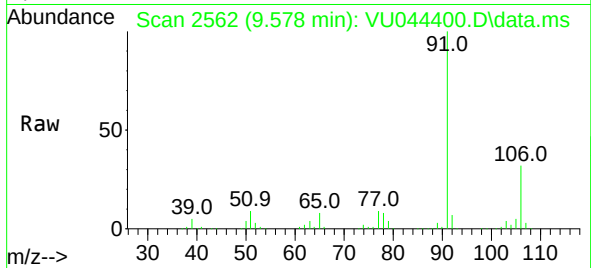




#52
Ethylbenzene
Concen: 5.078 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

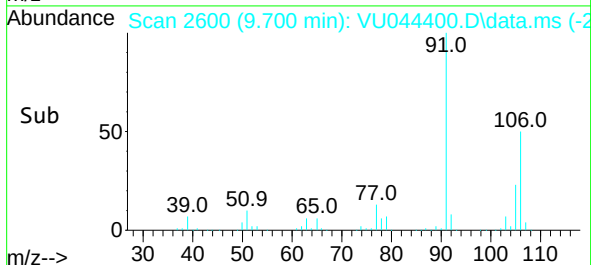
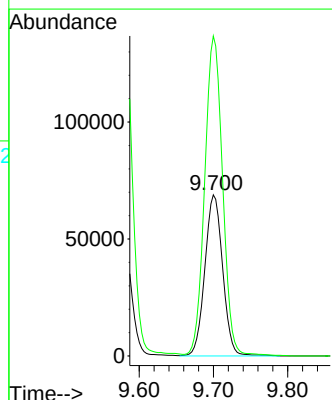
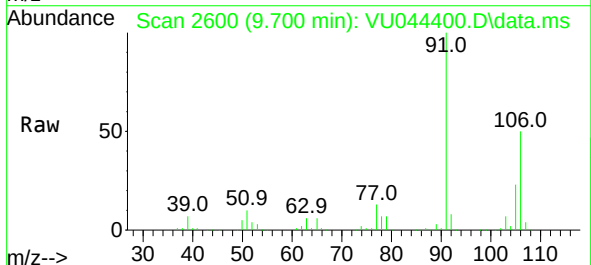
Instrument :
MSVOA_U
ClientSampled :

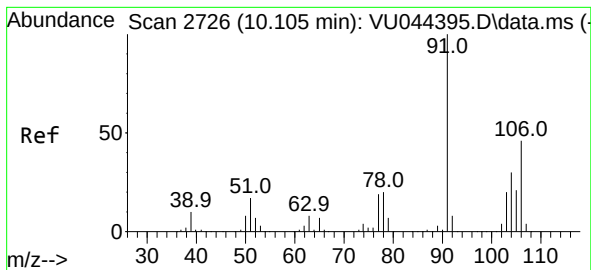
Tgt Ion: 91 Resp: 289152
Ion Ratio Lower Upper
91 100
106 31.6 20.9 38.9



#53
m,p-Xylene
Concen: 5.210 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion: 106 Resp: 114729
Ion Ratio Lower Upper
106 100
91 198.6 144.1 267.5

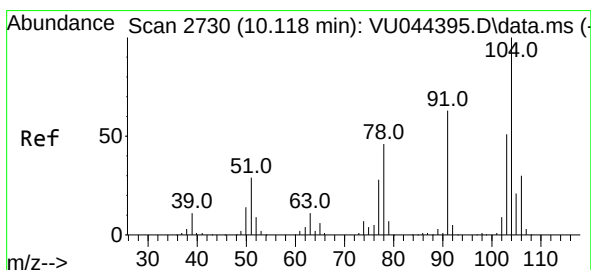
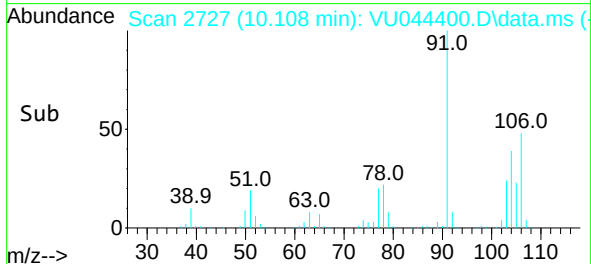
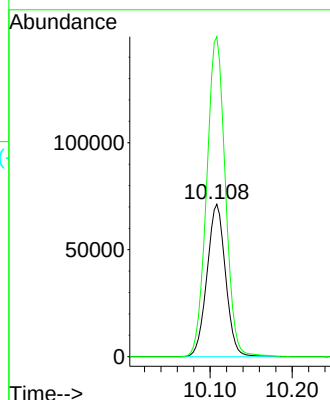
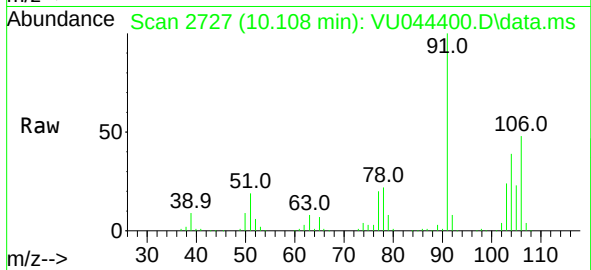




#54
o-Xylene
Concen: 5.222 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

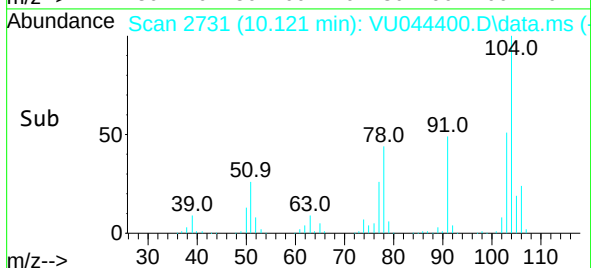
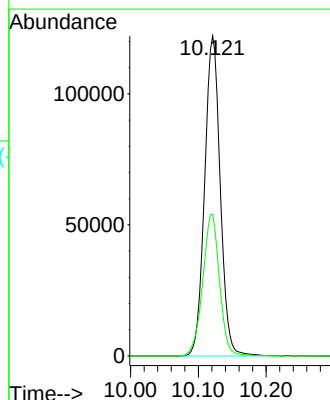
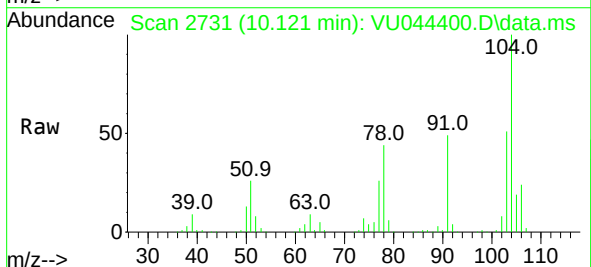
Instrument :
MSVOA_U
ClientSampled :

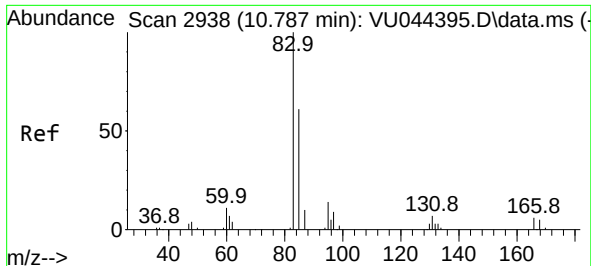
Tgt Ion:106 Resp: 111954
Ion Ratio Lower Upper
106 100
91 209.9 151.0 280.4



#55
Styrene
Concen: 5.334 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:104 Resp: 195646
Ion Ratio Lower Upper
104 100
78 44.3 32.1 59.5

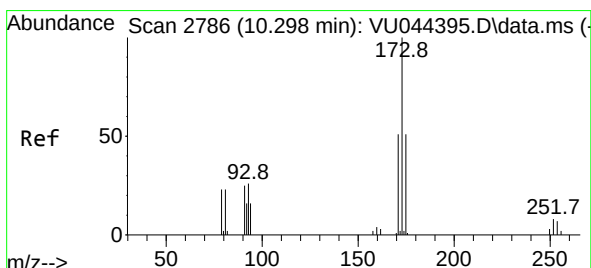
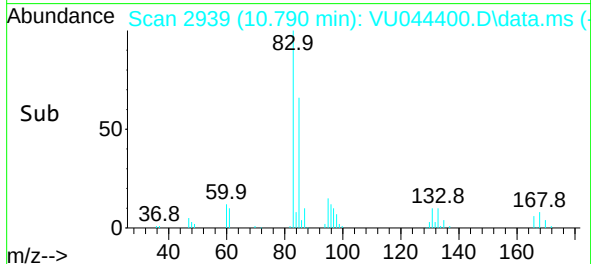
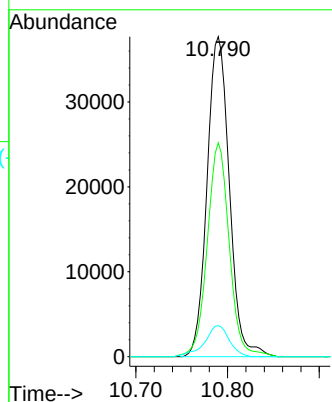
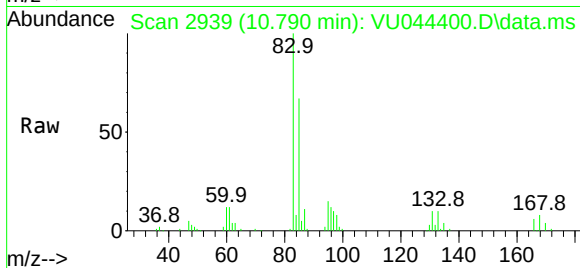




#57
1,1,2,2-Tetrachloroethane
Concen: 5.001 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

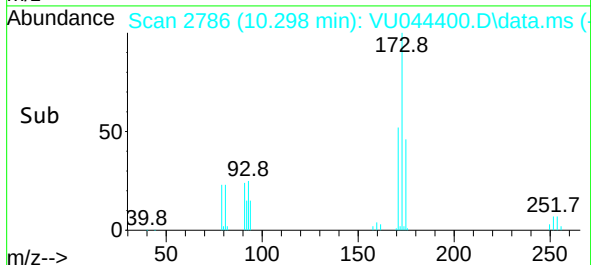
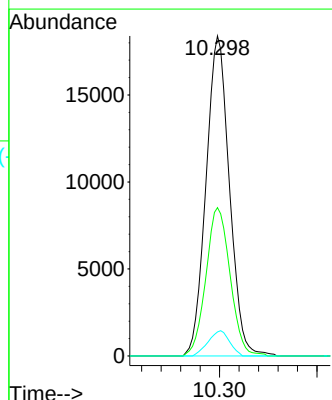
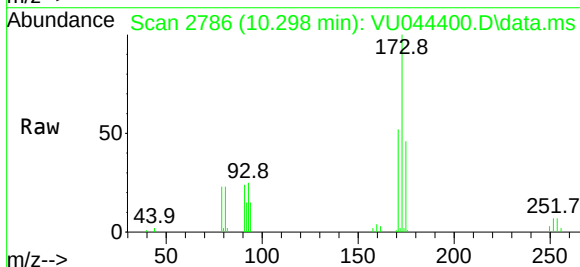
Instrument :
MSVOA_U
ClientSampled :

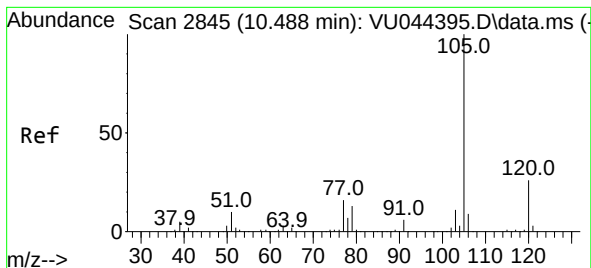
Tgt Ion: 83 Resp: 63525
Ion Ratio Lower Upper
83 100
85 66.9 43.4 80.6
131 9.7 6.6 9.8



#59
Bromoform
Concen: 5.447 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:173 Resp: 30632
Ion Ratio Lower Upper
173 100
175 47.9 38.6 57.8
254 7.2 5.4 8.2





#60

Isopropylbenzene

Concen: 5.222 ug/L

RT: 10.491 min Scan# 2846

Delta R.T. 0.003 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

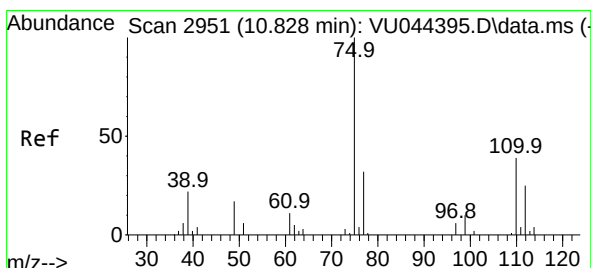
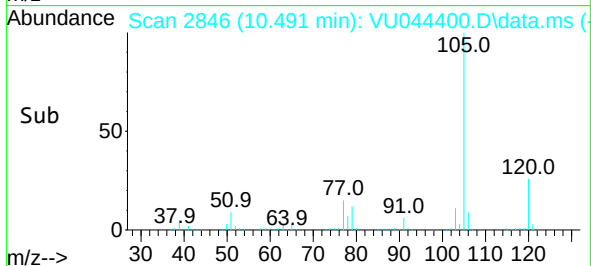
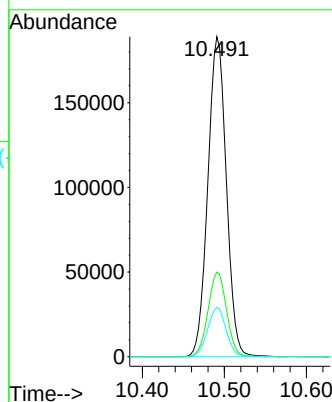
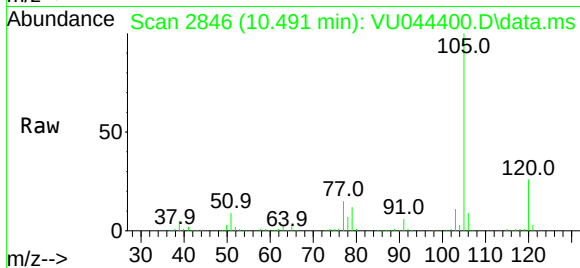
Tgt Ion:105 Resp: 296124

Ion Ratio Lower Upper

105 100

120 26.5 20.7 31.1

77 15.5 12.7 19.1



#61

1,2,3-Trichloropropane

Concen: 4.810 ug/L

RT: 10.832 min Scan# 2952

Delta R.T. 0.003 min

Lab File: VU044400.D

Acq: 09 Aug 2021 12:06

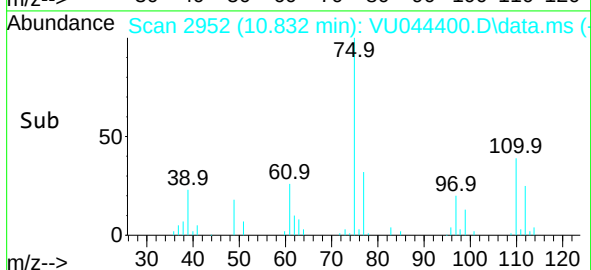
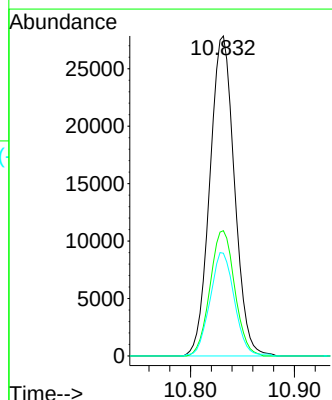
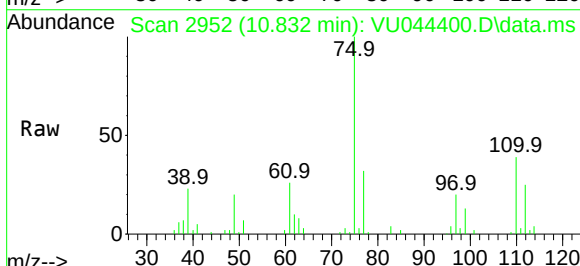
Tgt Ion: 75 Resp: 45732

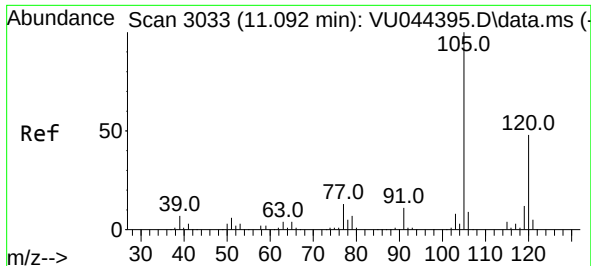
Ion Ratio Lower Upper

75 100

110 39.3 30.2 45.2

77 32.1 26.2 39.2

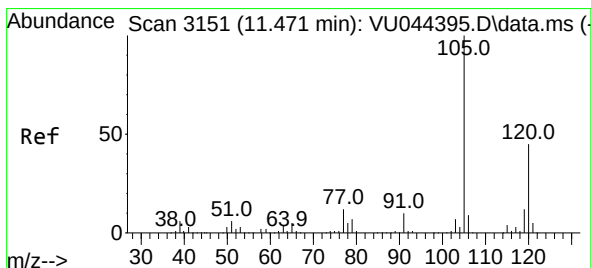
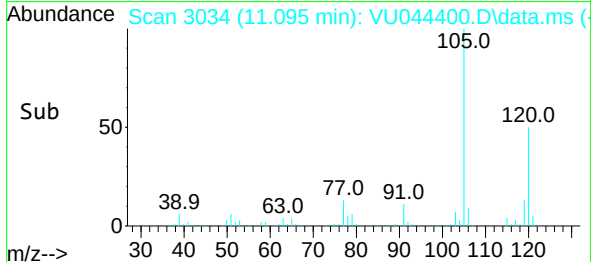
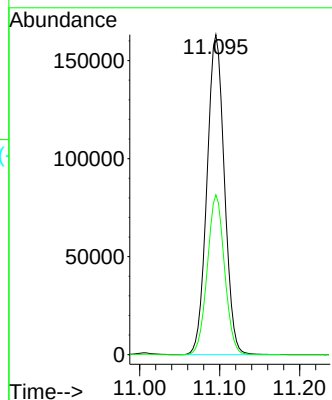
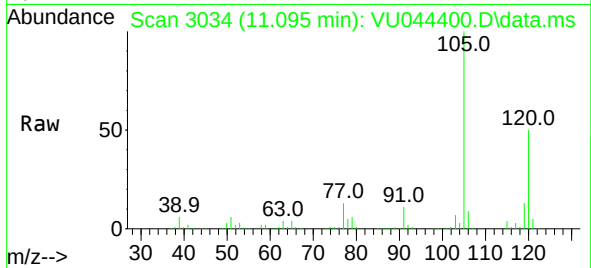




#62
1,3,5-Trimethylbenzene
Concen: 5.207 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

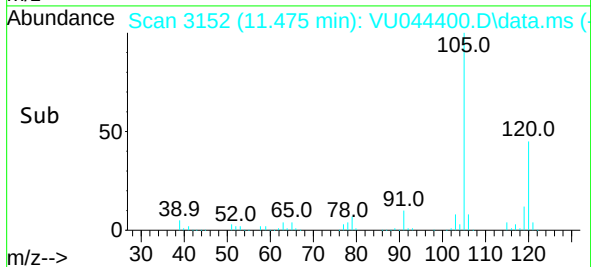
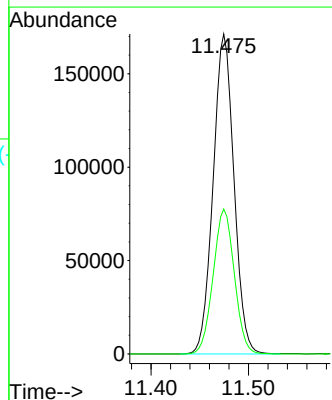
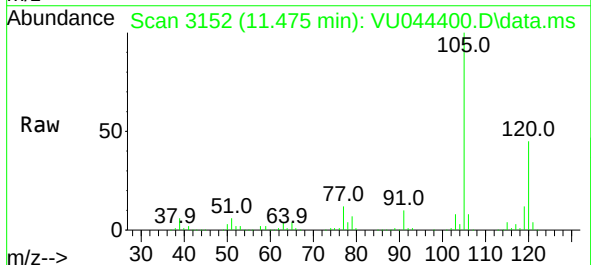
Instrument :
MSVOA_U
ClientSampled :

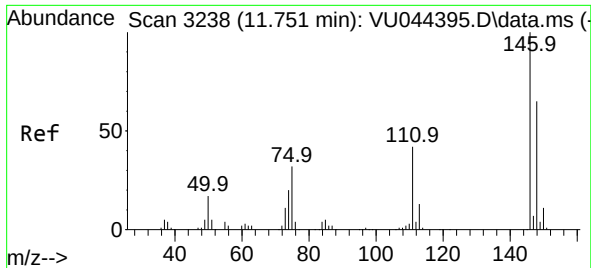
Tgt Ion:105 Resp: 247350
Ion Ratio Lower Upper
105 100
120 49.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.224 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:105 Resp: 254600
Ion Ratio Lower Upper
105 100
120 46.0 36.0 54.0

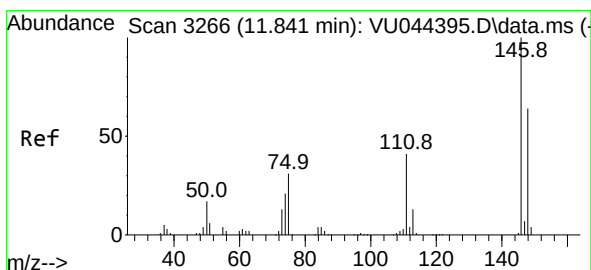
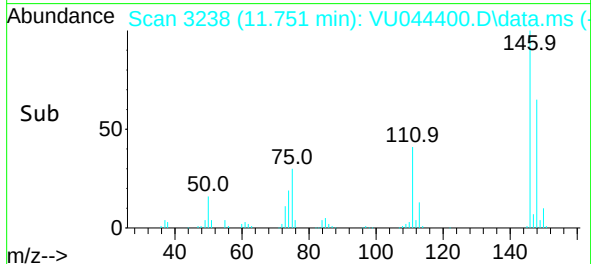
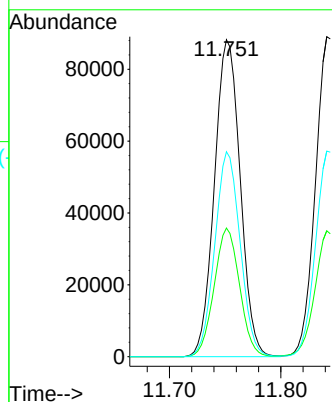
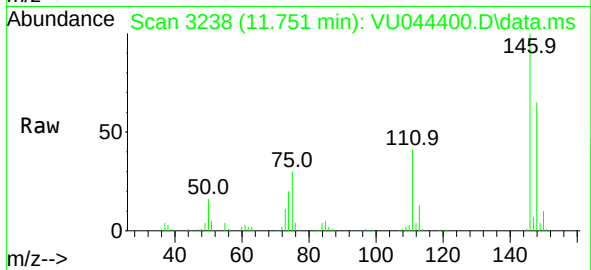




#64
1,3-Dichlorobenzene
Concen: 5.462 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

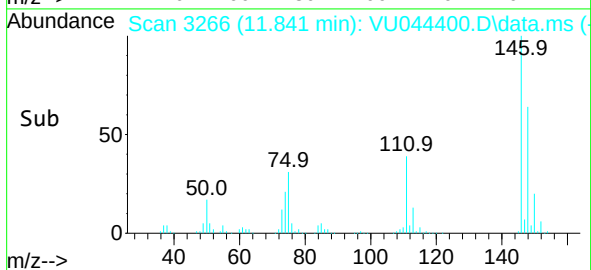
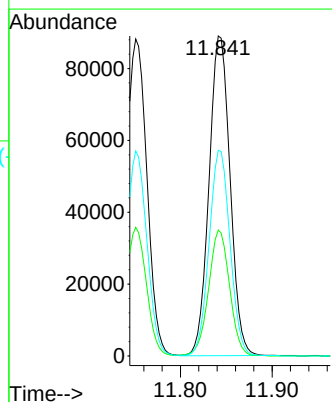
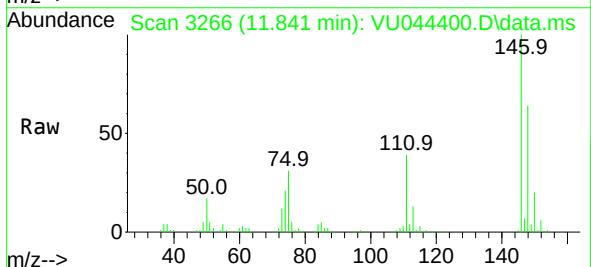
Instrument :
MSVOA_U
ClientSampled :

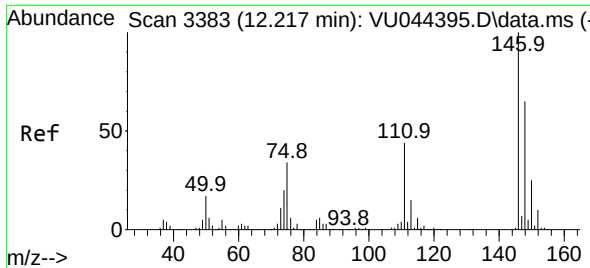
Tgt Ion:146 Resp: 141864
Ion Ratio Lower Upper
146 100
111 40.6 29.5 54.7
148 64.7 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 5.360 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:146 Resp: 141889
Ion Ratio Lower Upper
146 100
111 39.3 28.8 53.4
148 64.2 44.9 83.3

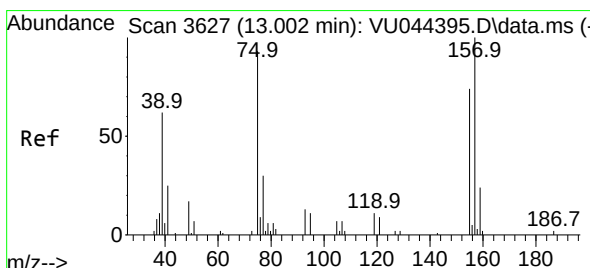
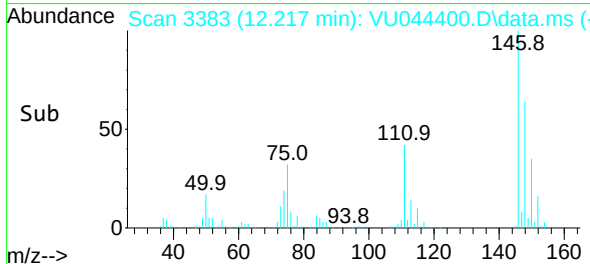
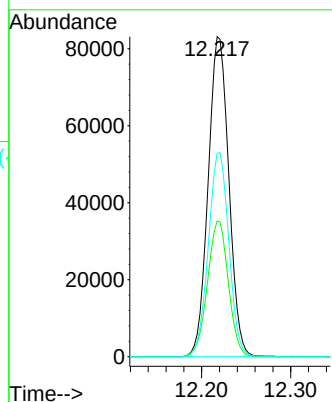
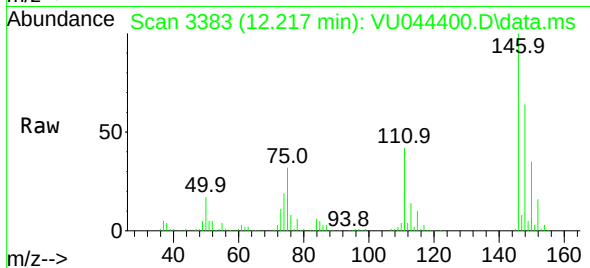




#67
1,2-Dichlorobenzene
Concen: 5.354 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

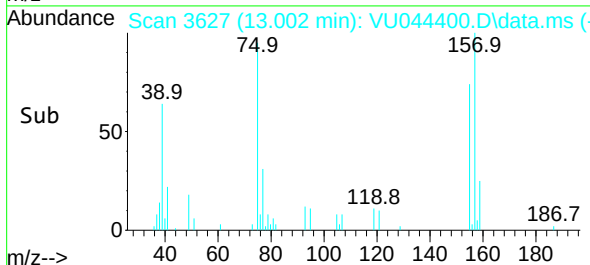
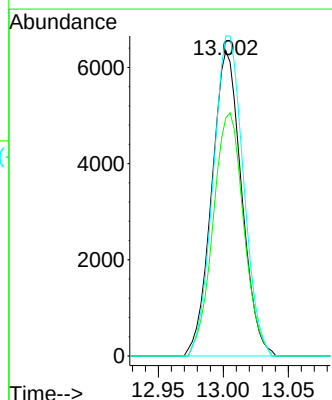
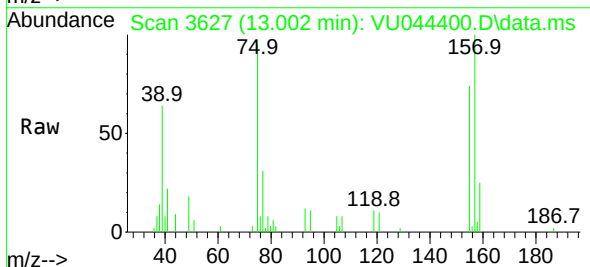
Instrument :
MSVOA_U
ClientSampleId :

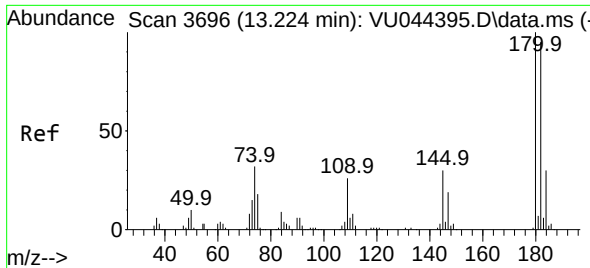
Tgt Ion:146 Resp: 133889
Ion Ratio Lower Upper
146 100
111 42.4 35.1 52.7
148 63.5 52.0 78.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.921 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

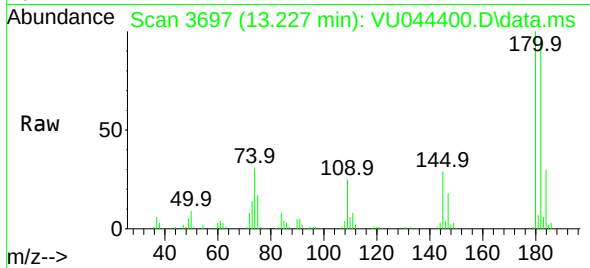
Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
155 77.9 63.2 94.8
157 104.8 85.8 128.6



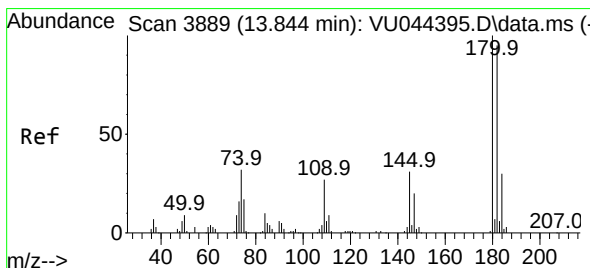
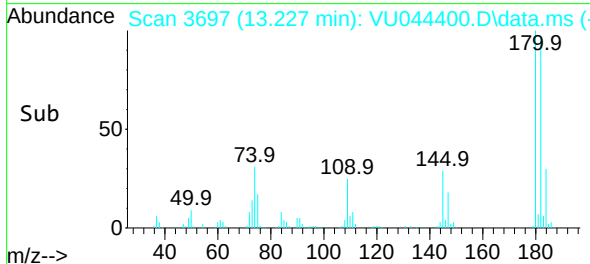
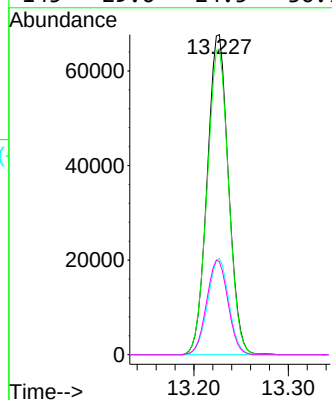


#69
 1,3,5-Trichlorobenzene
 Concen: 5.457 ug/L
 RT: 13.227 min Scan# 3697
 Delta R.T. 0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

Instrument :
 MSVOA_U
 ClientSampled :

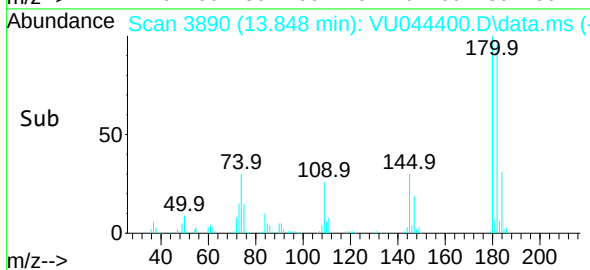
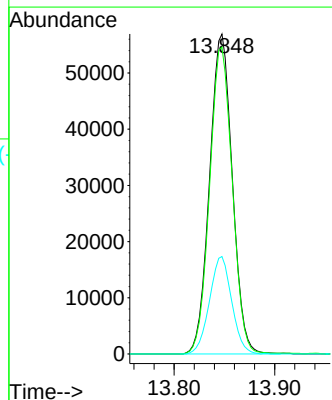
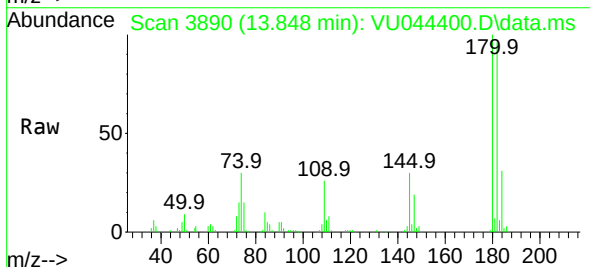


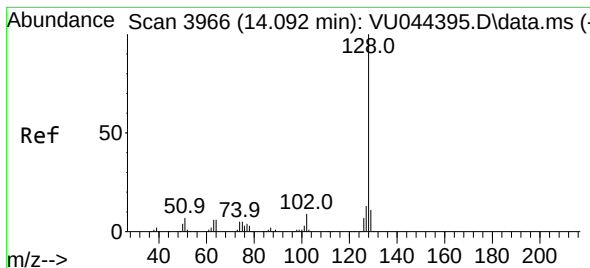
Tgt Ion:180 Resp: 105870
 Ion Ratio Lower Upper
 180 100
 182 96.4 75.6 113.4
 184 29.8 23.8 35.6
 145 29.6 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 5.453 ug/L
 RT: 13.848 min Scan# 3890
 Delta R.T. 0.003 min
 Lab File: VU044400.D
 Acq: 09 Aug 2021 12:06

Tgt Ion:180 Resp: 89550
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.7 24.7 37.1

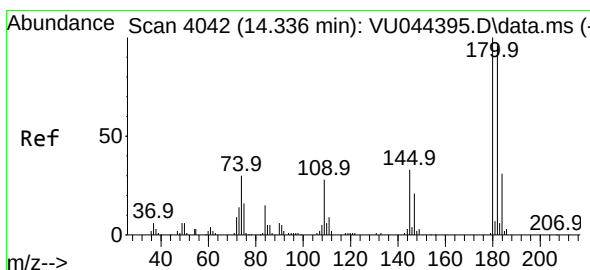
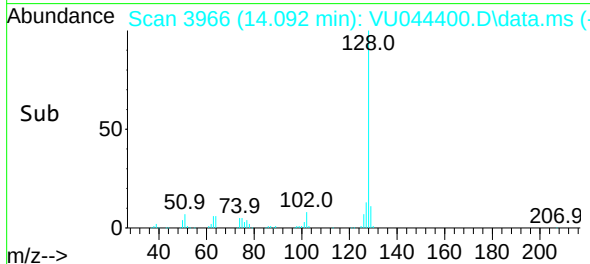
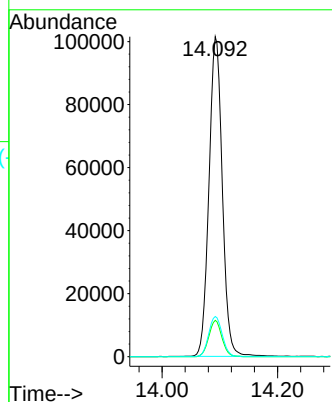
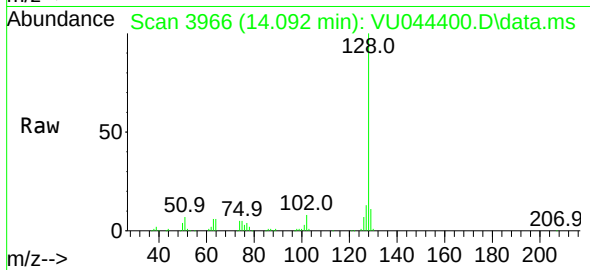




#71
Naphthalene
Concen: 5.023 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 162054
Ion Ratio Lower Upper
128 100
129 11.2 8.6 13.0
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.565 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU044400.D
Acq: 09 Aug 2021 12:06

Tgt Ion:180 Resp: 82850
Ion Ratio Lower Upper
180 100
182 94.4 76.6 115.0
145 32.2 27.0 40.4

