

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044818.D
 Acq On : 24 Sep 2021 18:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:40:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	240539	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	236602	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	122040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	101345	38.487	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.980%
7) Chloroethane-d5	1.906	69	87522	41.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.880%
11) 1,1-Dichloroethene-d2	2.571	63	185745	42.004	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.000%
21) 2-Butanone-d5	4.626	46	219893	105.630	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.630%
24) Chloroform-d	5.070	84	191937	46.151	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
26) 1,2-Dichloroethane-d4	5.706	65	128348	45.561	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	5.732	84	369471	45.002	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.697	67	122236	45.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	7.902	98	317063	44.751	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.500%
43) trans-1,3-Dichloroprop...	8.182	79	54214	45.527	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.060%
47) 2-Hexanone-d5	8.635	63	153422	103.418	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.420%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	197702	47.427	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.860%
66) 1,2-Dichlorobenzene-d4	12.195	152	124434	46.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110306	47.893	ug/L	98
3) Chloromethane	1.517	50	140149	48.819	ug/L	99
5) Vinyl chloride	1.604	62	141522	50.317	ug/L	99
6) Bromomethane	1.842	94	76186	56.475	ug/L	99
8) Chloroethane	1.928	64	87497	49.567	ug/L	99
9) Trichlorofluoromethane	2.137	101	162988	50.630	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	99422	48.931	ug/L	99
12) 1,1-Dichloroethene	2.581	96	94429	50.695	ug/L	90
13) Acetone	2.629	43	171791	71.390	ug/L	100
14) Carbon disulfide	2.796	76	290941	48.754	ug/L	100
15) Methyl Acetate	2.951	43	152177	51.276	ug/L	98
16) Methylene chloride	3.050	84	117904	49.962	ug/L	96
17) trans-1,2-Dichloroethene	3.356	96	98466	50.181	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	335175	51.804	ug/L	99
19) 1,1-Dichloroethane	3.874	63	205141	50.253	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	113282	52.392	ug/L	97
22) 2-Butanone	4.706	43	244346	90.725	ug/L	99
23) Bromochloromethane	4.980	128	55626	50.749	ug/L	98
25) Chloroform	5.092	83	205609	50.665	ug/L	99

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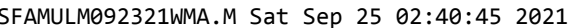
Instrument :
 MSVOA_U
 ClientSampleId :

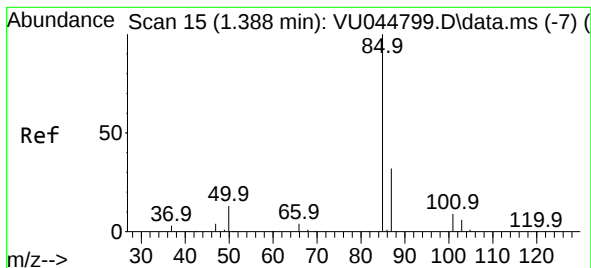
Quant Time: Sep 25 02:40:37 2021
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 Quant Title : VOC Analysis
 QLast Update : Sat Sep 25 02:36:00 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	171351	50.482	ug/L	99
29) Cyclohexane	5.391	56	183018	51.461	ug/L	99
30) 1,1,1-Trichloroethane	5.320	97	166498	50.836	ug/L	99
31) Carbon tetrachloride	5.529	117	132305	51.145	ug/L	99
33) Benzene	5.777	78	448781	51.141	ug/L	100
34) Trichloroethene	6.546	95	108103	51.288	ug/L	97
35) Methylcyclohexane	6.767	83	176995	50.156	ug/L	99
37) 1,2-Dichloropropane	6.796	63	123215	51.570	ug/L	100
38) Bromodichloromethane	7.111	83	149209	50.946	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	173630	50.788	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	422904	105.957	ug/L	100
42) Toluene	7.973	91	466469	52.316	ug/L	98
44) trans-1,3-Dichloropropene	8.214	75	167562	51.546	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	110454	51.011	ug/L	99
46) Tetrachloroethene	8.558	164	74849	49.682	ug/L	98
48) 2-Hexanone	8.687	43	353422	99.855	ug/L	98
49) Dibromochloromethane	8.816	129	107841	50.358	ug/L	99
50) 1,2-Dibromoethane	8.928	107	116819	51.529	ug/L	100
51) Chlorobenzene	9.452	112	276228	50.182	ug/L	99
52) Ethylbenzene	9.574	91	492441	52.280	ug/L	100
53) m,p-Xylene	9.697	106	190093	53.274	ug/L	97
54) o-xylene	10.105	106	187199	53.389	ug/L	98
55) Styrene	10.118	104	325676	54.010	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	203348	49.047	ug/L	100
59) Bromoform	10.295	173	77402	51.139	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	168730	49.988	ug/L	99
61) Isopropylbenzene	10.487	105	477036	53.411	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	405435	54.356	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	417434	54.651	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	211032	51.128	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	212466	50.171	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	218005	51.450	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	50780	52.349	ug/L	97
69) 1,3,5-Trichlorobenzene	13.220	180	148557	51.862	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	123428	51.853	ug/L	100
71) Naphthalene	14.089	128	465657	56.453	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	133390	54.771	ug/L	97

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

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#2

Dichlorodifluoromethane

Concen: 47.893 ug/L

RT: 1.385 min Scan# 14

Delta R.T. -0.003 min

Lab File: VU044818.D

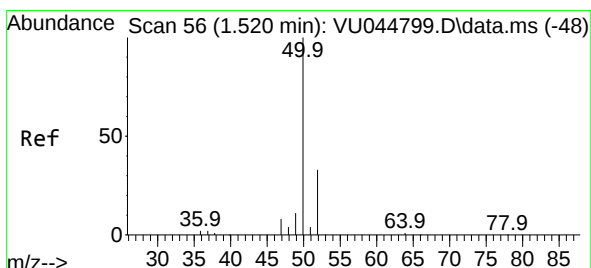
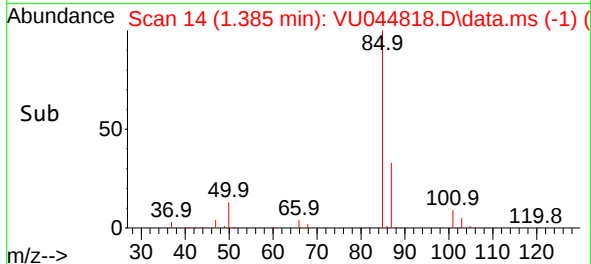
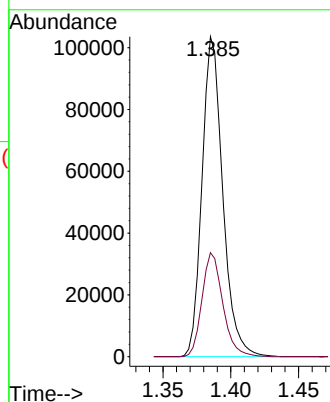
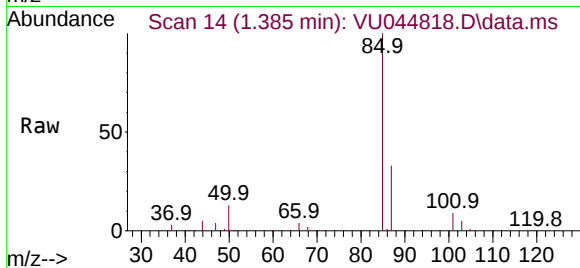
Acq: 24 Sep 2021 18:07

Tgt Ion: 85 Resp: 110306

Ion Ratio Lower Upper

85 100

87 32.5 25.2 37.8



#3

Chloromethane

Concen: 48.819 ug/L

RT: 1.517 min Scan# 55

Delta R.T. -0.003 min

Lab File: VU044818.D

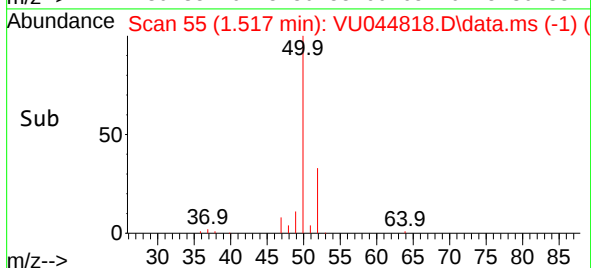
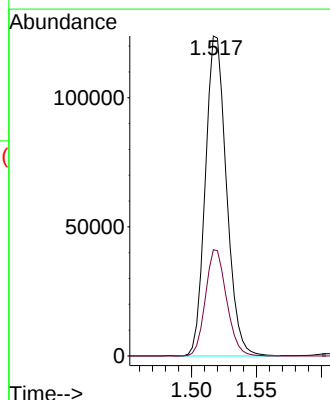
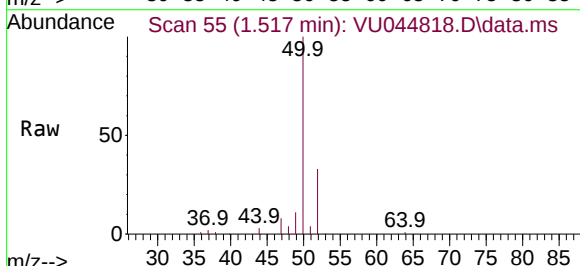
Acq: 24 Sep 2021 18:07

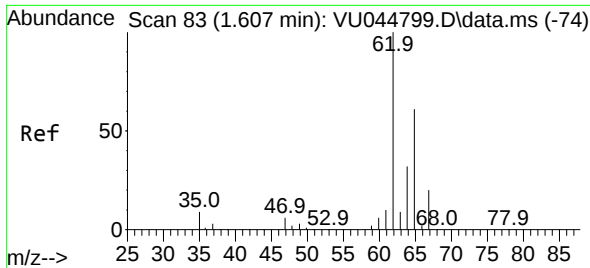
Tgt Ion: 50 Resp: 140149

Ion Ratio Lower Upper

50 100

52 33.2 23.0 42.8

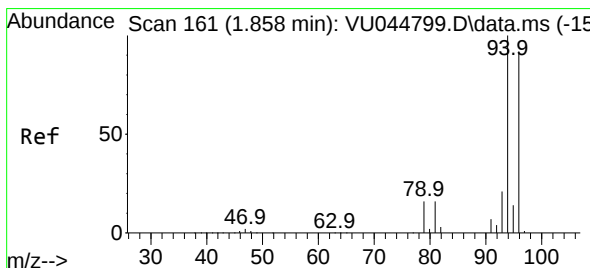
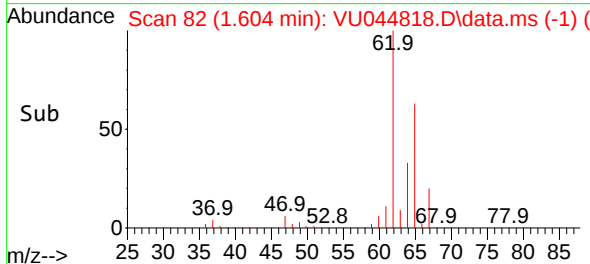
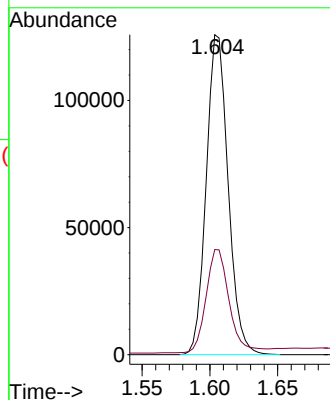
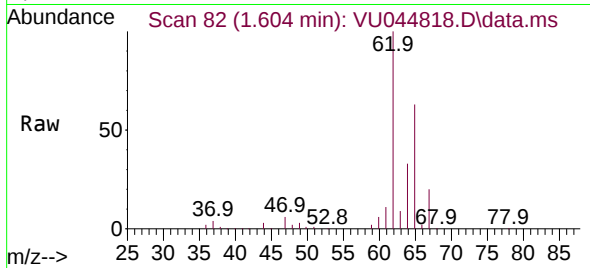




#5
 Vinyl chloride
 Concen: 50.317 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VU044818.D
 Acq: 24 Sep 2021 18:07

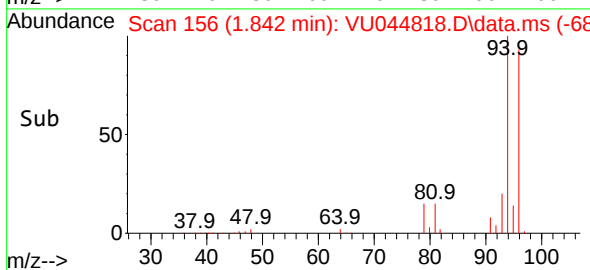
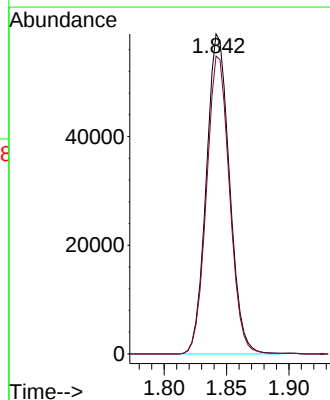
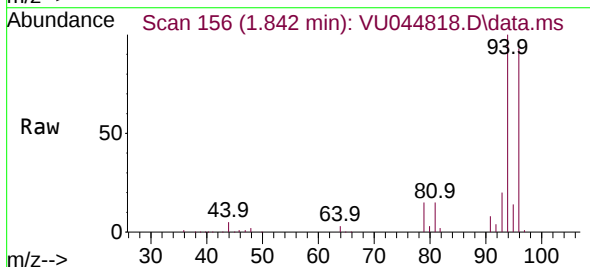
Instrument :
 MSVOA_U
 ClientSampled :

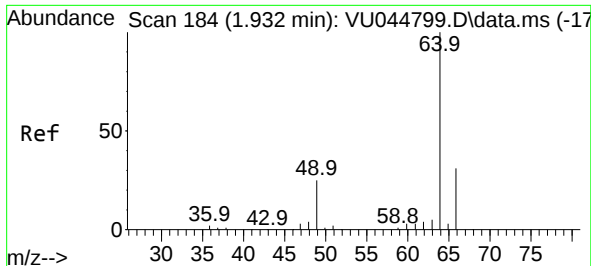
Tgt Ion: 62 Resp: 141522
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.4 43.6



#6
 Bromomethane
 Concen: 56.475 ug/L
 RT: 1.842 min Scan# 156
 Delta R.T. -0.016 min
 Lab File: VU044818.D
 Acq: 24 Sep 2021 18:07

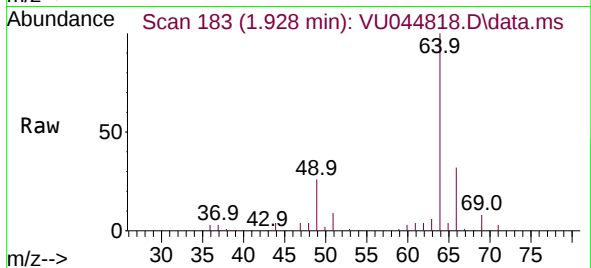
Tgt Ion: 94 Resp: 76186
 Ion Ratio Lower Upper
 94 100
 96 93.1 65.7 121.9



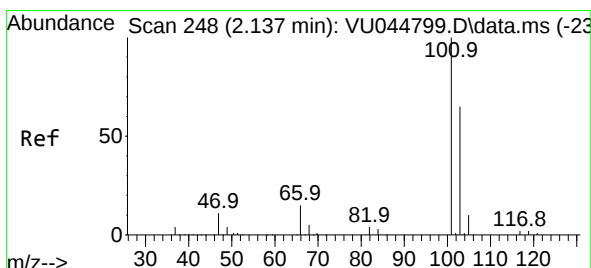
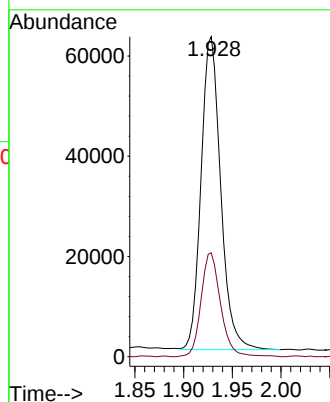
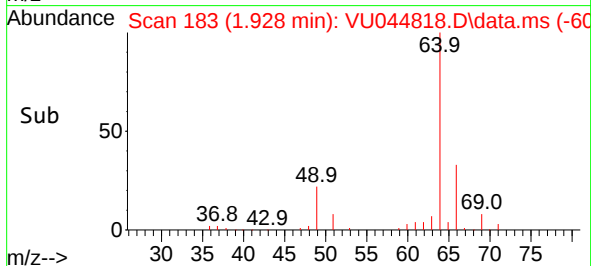


#8
Chloroethane
Concen: 49.567 ug/L
RT: 1.928 min Scan# 183
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

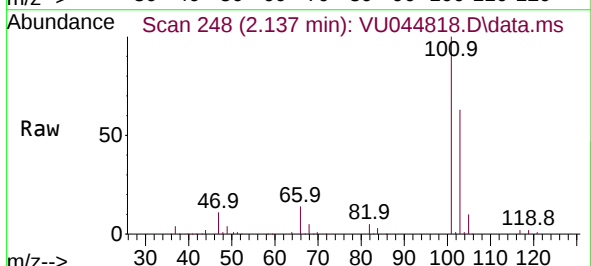
Instrument :
MSVOA_U
ClientSampled :



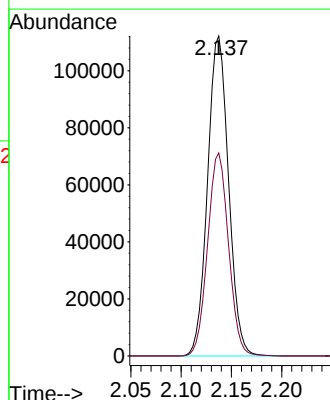
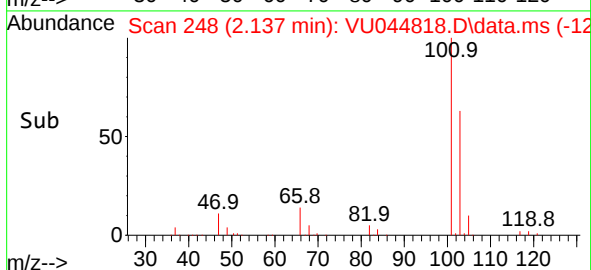
Tgt Ion: 64 Resp: 87497
Ion Ratio Lower Upper
64 100
66 32.4 22.3 41.3

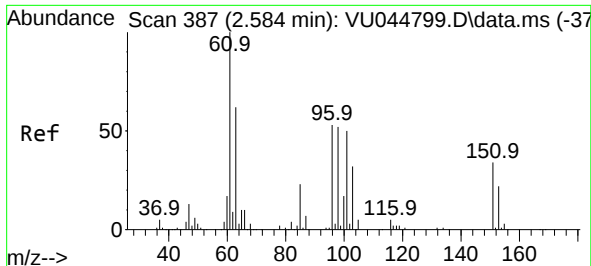


#9
Trichlorofluoromethane
Concen: 50.630 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07



Tgt Ion: 101 Resp: 162988
Ion Ratio Lower Upper
101 100
103 63.3 50.9 76.3





#10

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

Concen: 48.931 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion:101 Resp: 99422

Ion Ratio Lower Upper

101 100

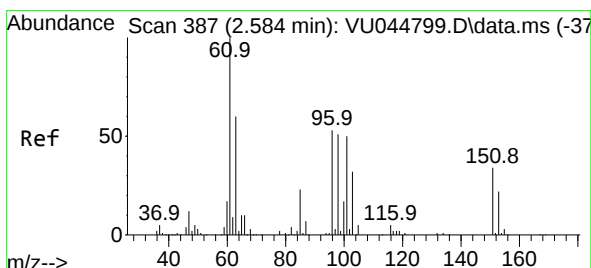
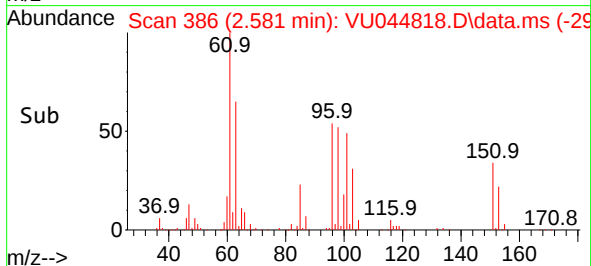
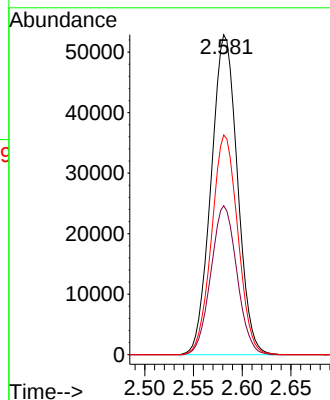
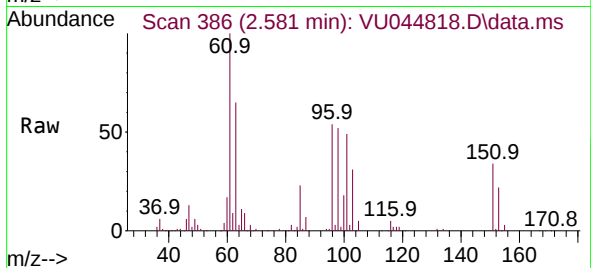
85 46.0 36.4 54.6

151 68.3 54.4 81.6

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 50.695 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

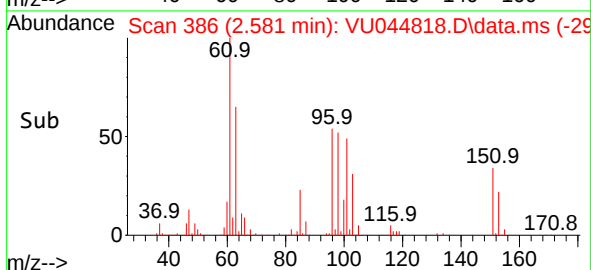
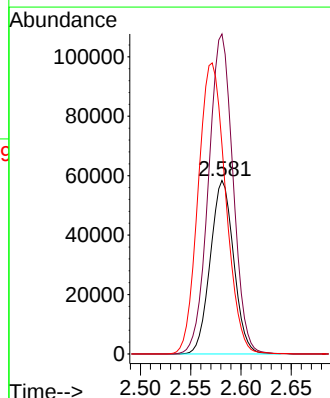
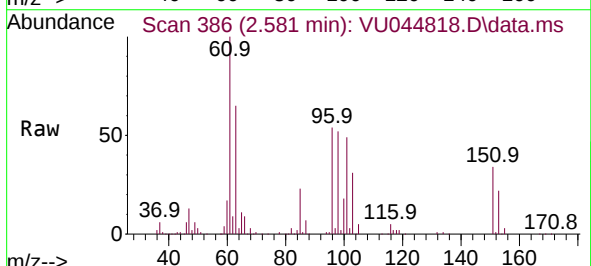
Tgt Ion: 96 Resp: 94429

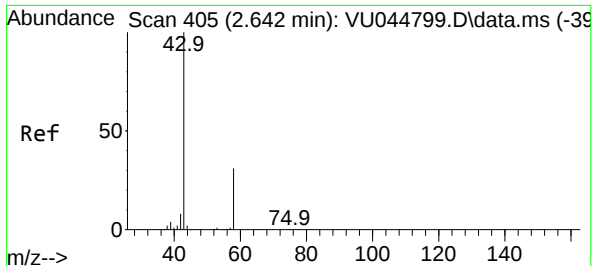
Ion Ratio Lower Upper

96 100

61 184.5 131.3 243.9

63 120.5 102.5 190.3

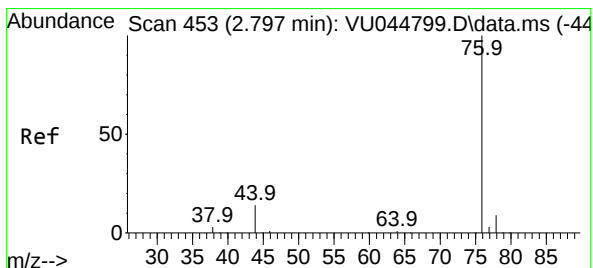
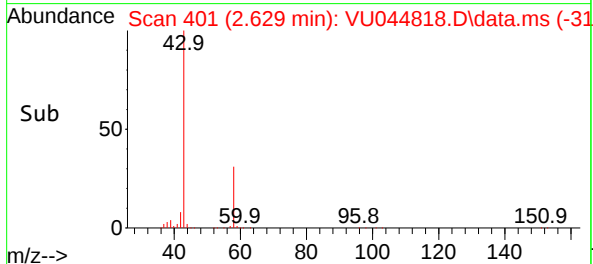
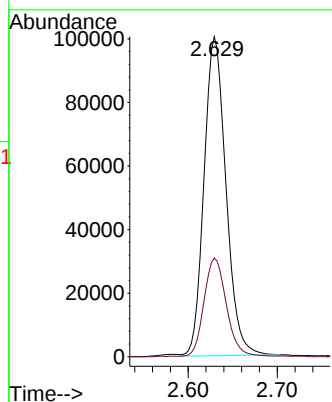
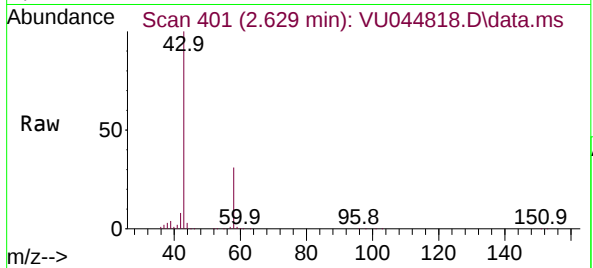




#13
Acetone
Concen: 71.390 ug/L
RT: 2.629 min Scan# 401
Delta R.T. -0.013 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

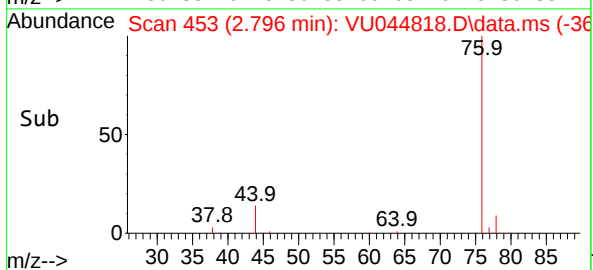
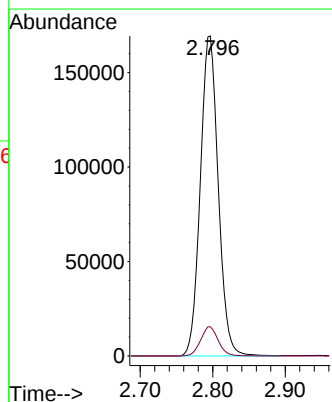
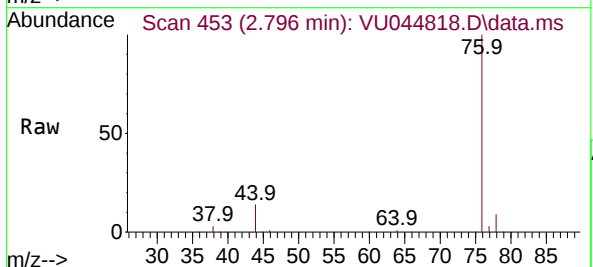
Instrument :
MSVOA_U
ClientSampled :

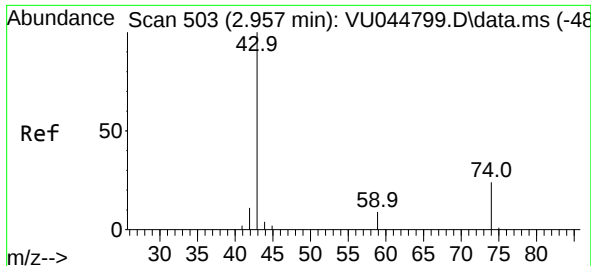
Tgt Ion: 43 Resp: 171791
Ion Ratio Lower Upper
43 100
58 31.3 0.0 62.8



#14
Carbon disulfide
Concen: 48.754 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 76 Resp: 290941
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

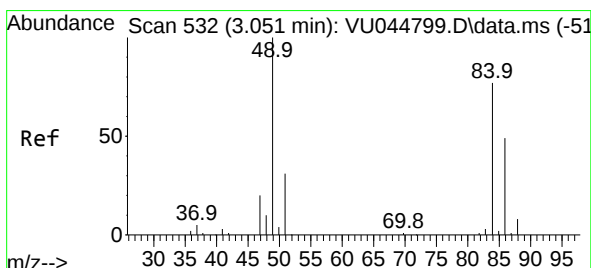
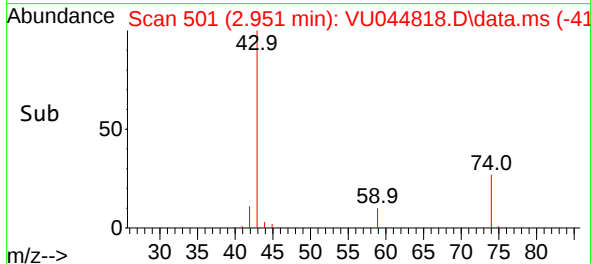
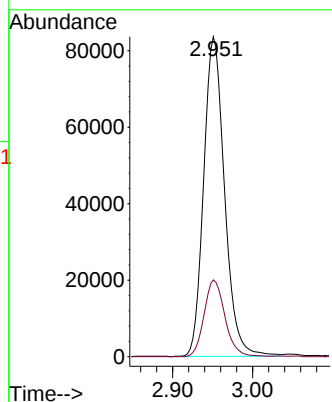
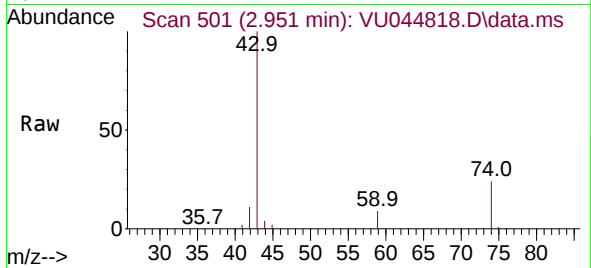




#15
Methyl Acetate
Concen: 51.276 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.006 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

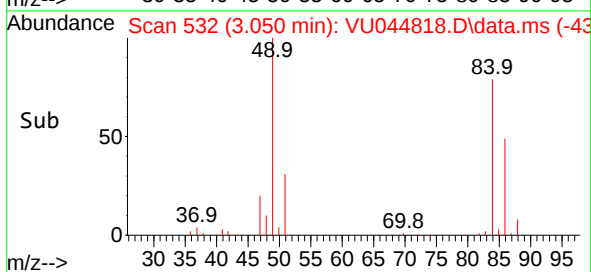
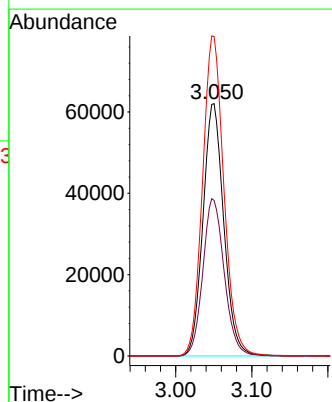
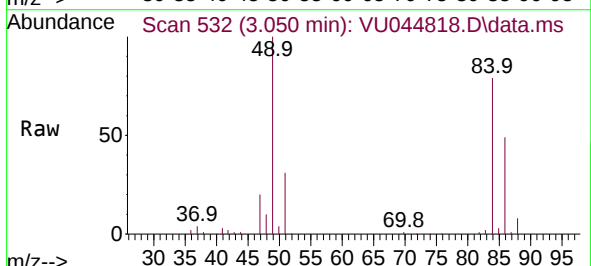
Instrument :
MSVOA_U
ClientSampled :

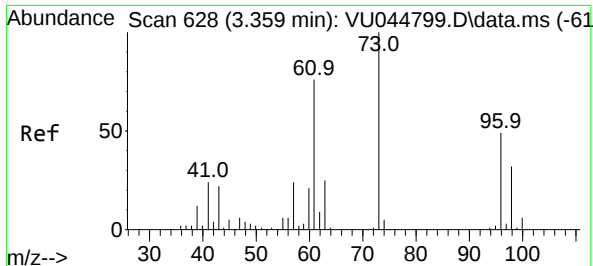
Tgt Ion: 43 Resp: 152177
Ion Ratio Lower Upper
43 100
74 24.0 18.4 27.6



#16
Methylene chloride
Concen: 49.962 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 84 Resp: 117904
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 126.7 92.9 172.5



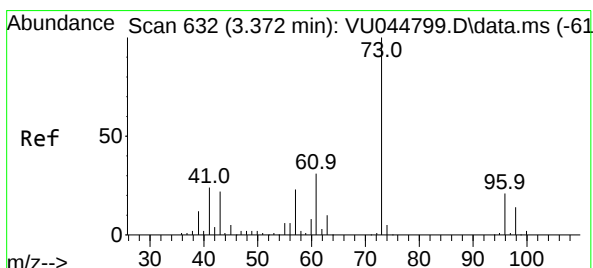
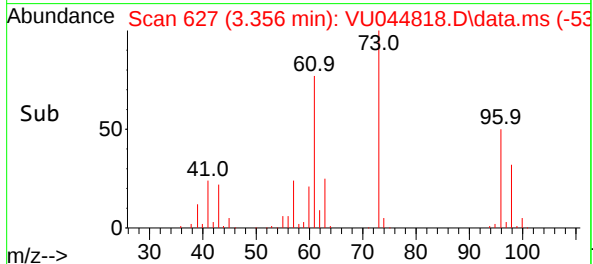
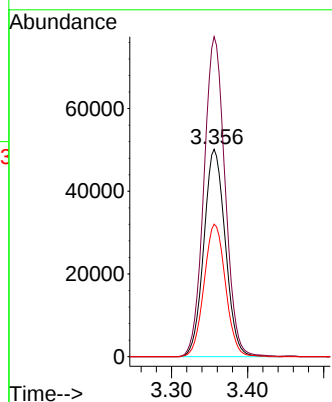
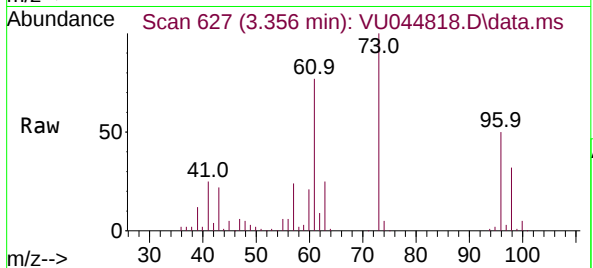


#17

trans-1,2-Dichloroethene
Concen: 50.181 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Instrument :
MSVOA_U
ClientSampleId :

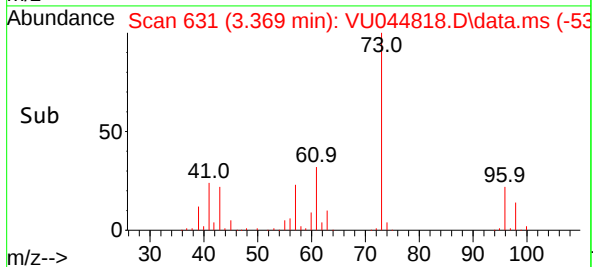
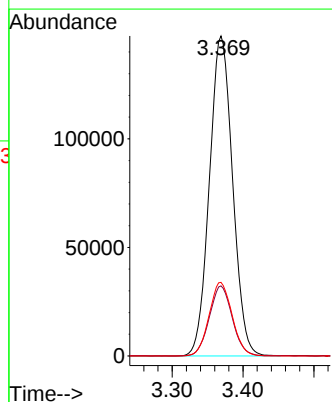
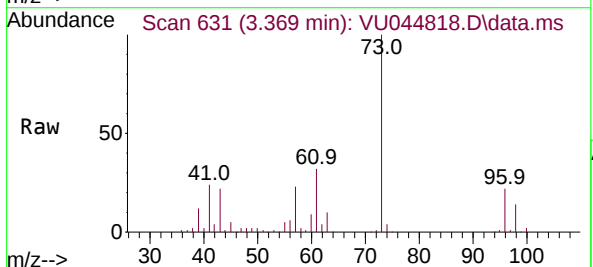
Tgt Ion: 96 Resp: 98466
Ion Ratio Lower Upper
96 100
61 154.3 105.1 195.3
98 63.9 43.0 79.8

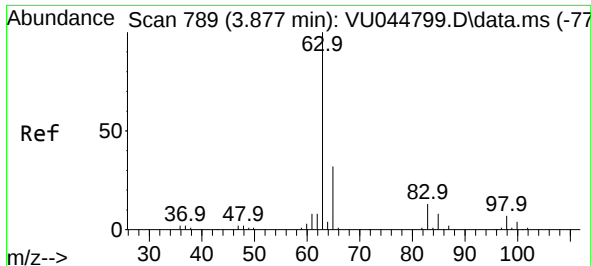


#18

Methyl tert-butyl Ether
Concen: 51.804 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 73 Resp: 335175
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9
57 22.8 18.7 28.1





#19

1,1-Dichloroethane

Concen: 50.253 ug/L

RT: 3.874 min Scan# 788

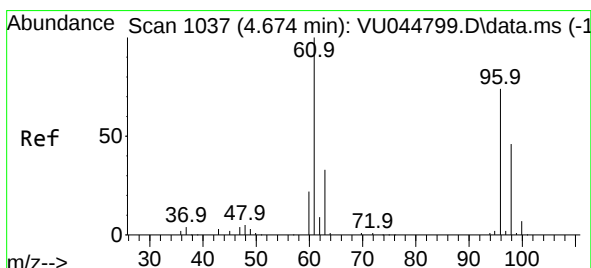
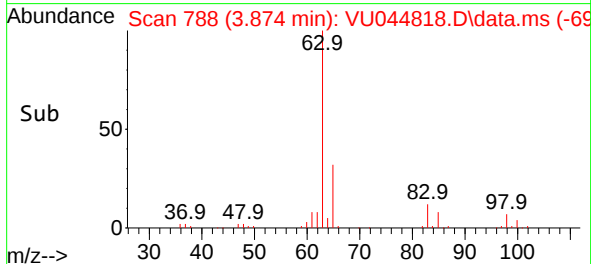
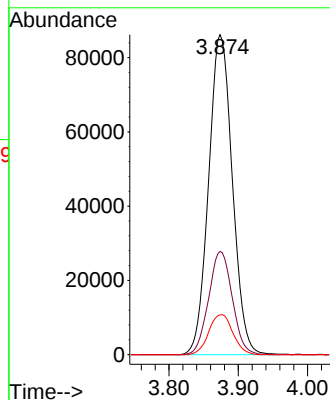
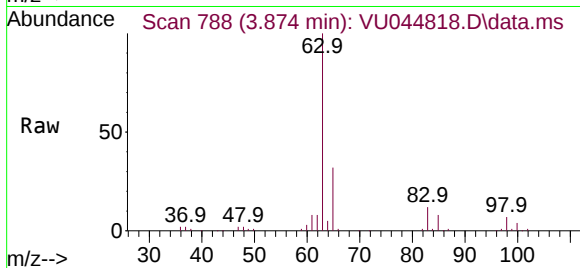
Delta R.T. -0.003 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion: 63 Resp: 205141

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.0	40.8
83	12.5	9.0	16.6



#20

cis-1,2-Dichloroethene

Concen: 52.392 ug/L

RT: 4.671 min Scan# 1036

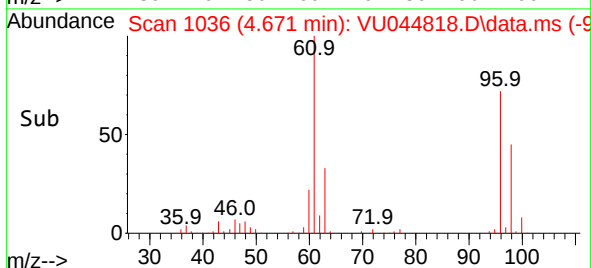
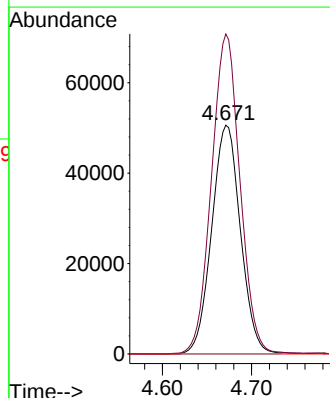
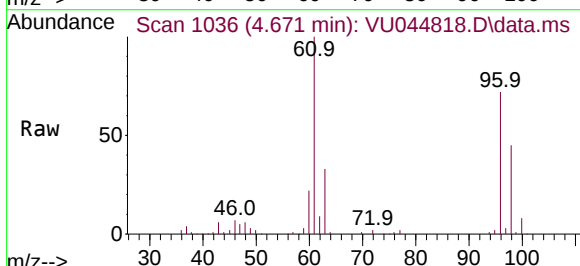
Delta R.T. -0.003 min

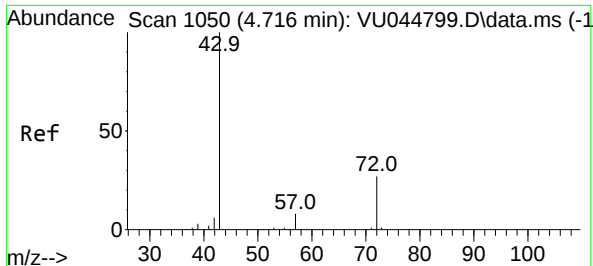
Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion: 96 Resp: 113282

Ion	Ratio	Lower	Upper
96	100		
61	139.8	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 90.725 ug/L

RT: 4.706 min Scan# 1047

Delta R.T. -0.010 min

Lab File: VU044818.D

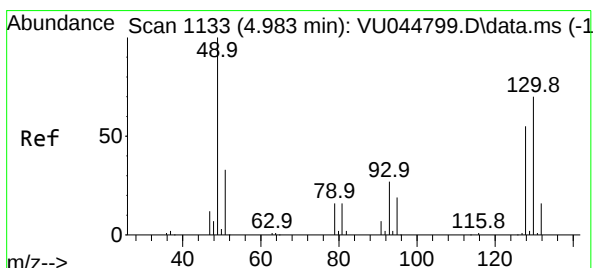
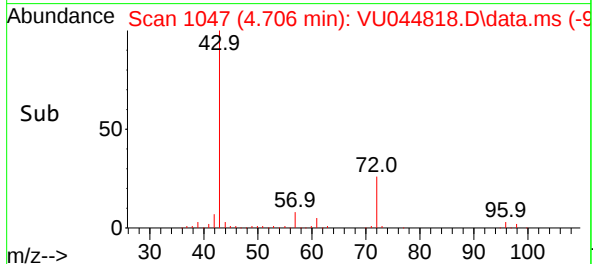
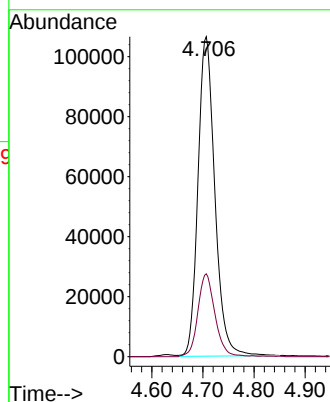
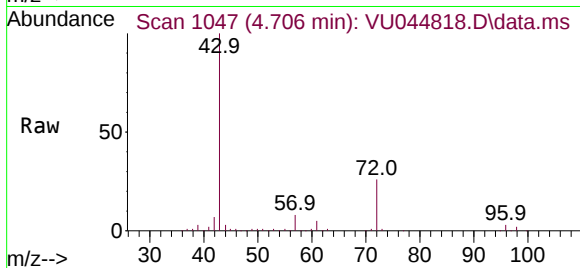
Acq: 24 Sep 2021 18:07

Tgt Ion: 43 Resp: 244346

Ion Ratio Lower Upper

43 100

72 26.3 13.3 39.9



#23

Bromochloromethane

Concen: 50.749 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.003 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion:128 Resp: 55626

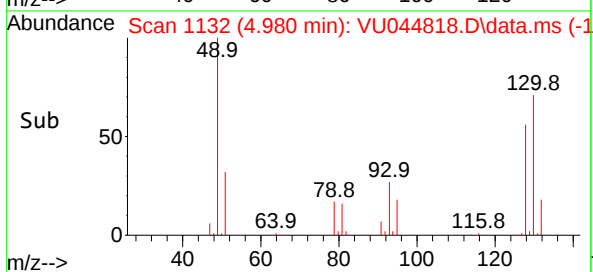
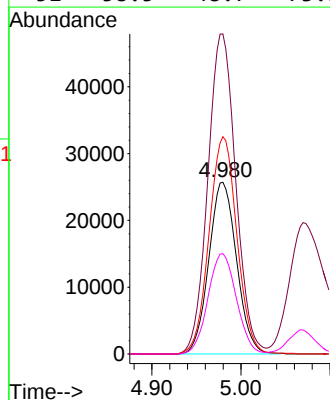
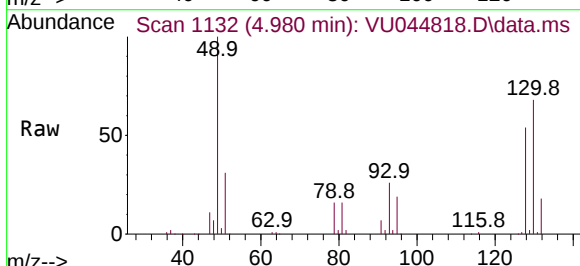
Ion Ratio Lower Upper

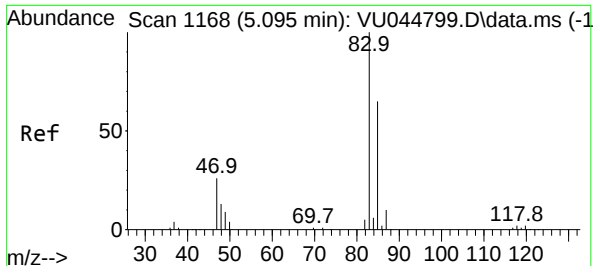
128 100

49 186.4 132.9 246.7

130 126.6 88.2 163.8

51 58.5 48.7 73.1





#25

Chloroform

Concen: 50.665 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU044818.D

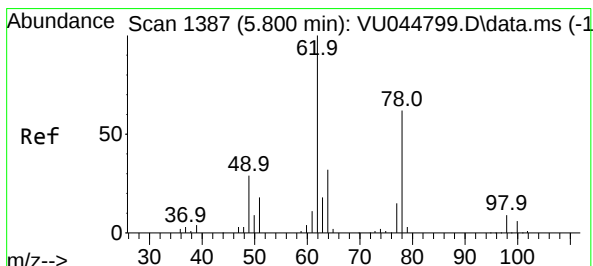
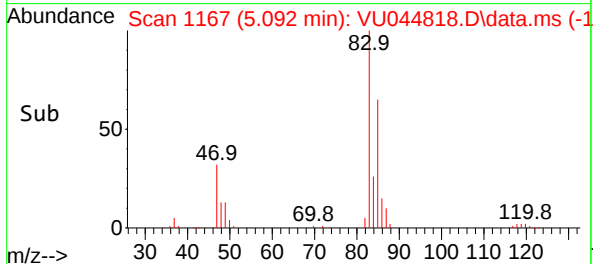
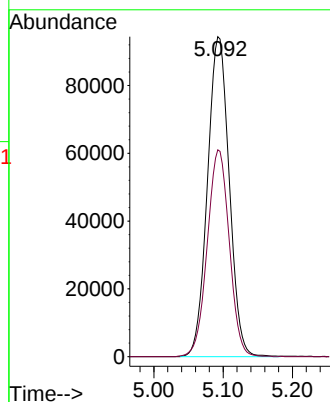
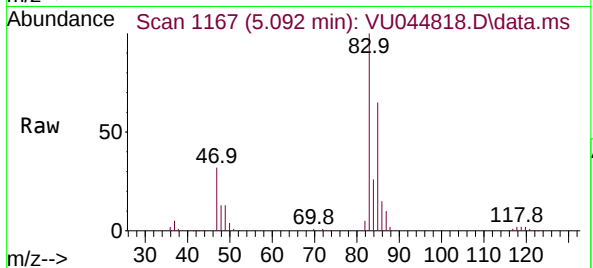
Acq: 24 Sep 2021 18:07

Tgt Ion: 83 Resp: 205609

Ion Ratio Lower Upper

83 100

85 64.7 45.6 84.6



#27

1,2-Dichloroethane

Concen: 50.482 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU044818.D

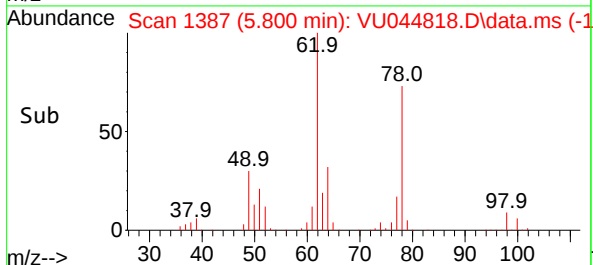
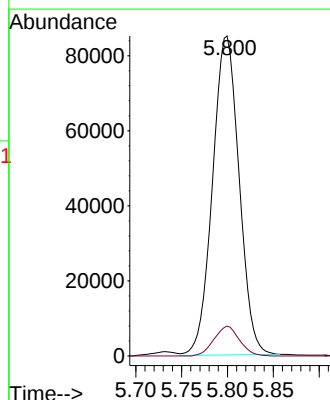
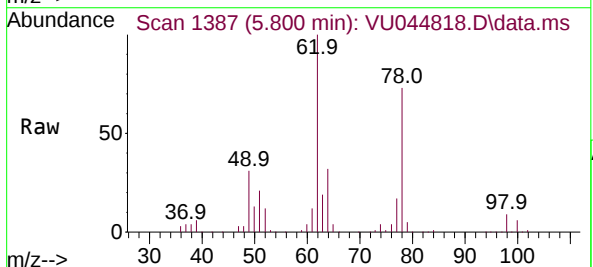
Acq: 24 Sep 2021 18:07

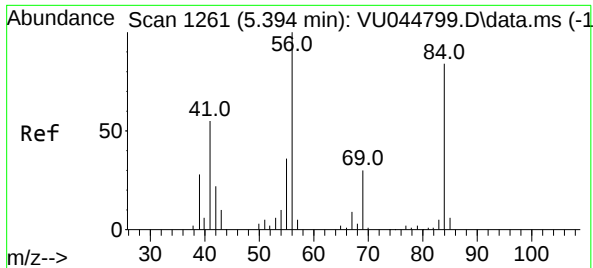
Tgt Ion: 62 Resp: 171351

Ion Ratio Lower Upper

62 100

98 9.3 7.1 10.7

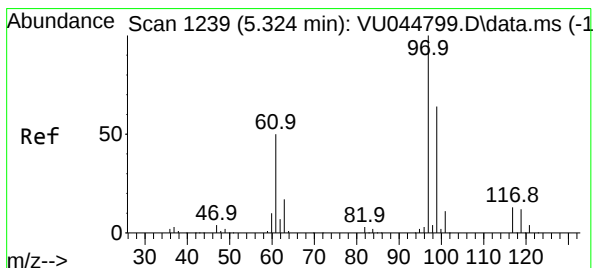
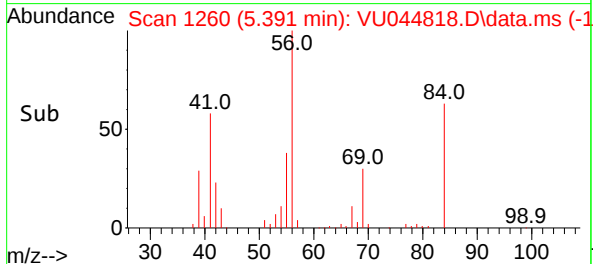
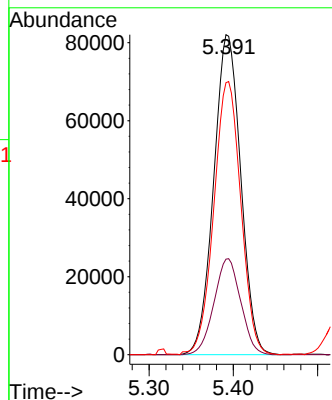
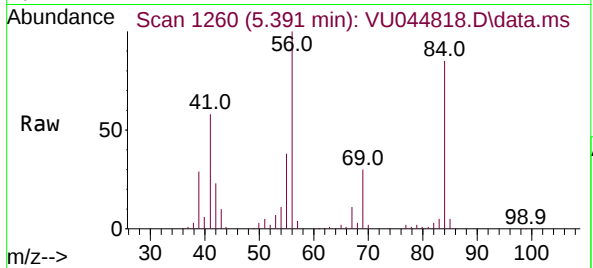




#29
Cyclohexane
Concen: 51.461 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

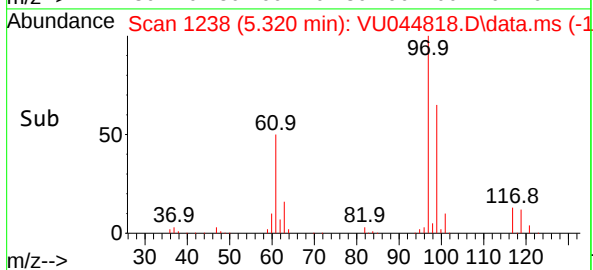
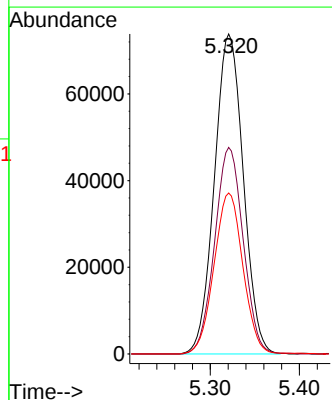
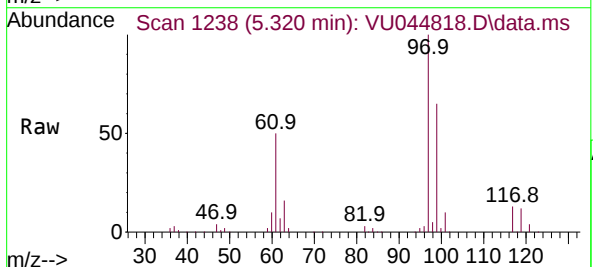
Instrument :
MSVOA_U
ClientSampleId :

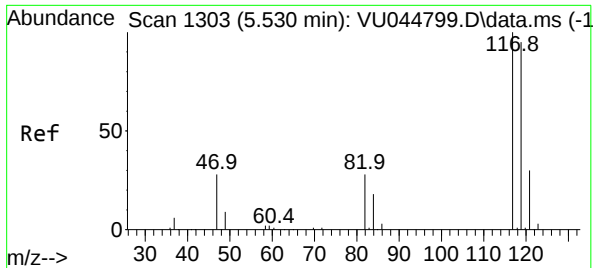
Tgt Ion:	56	Resp:	183018
Ion	Ratio	Lower	Upper
56	100		
69	29.6	23.8	35.8
84	84.9	66.8	100.2



#30
1,1,1-Trichloroethane
Concen: 50.836 ug/L
RT: 5.320 min Scan# 1238
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion:	97	Resp:	166498
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	75.8
61	50.2	41.3	61.9

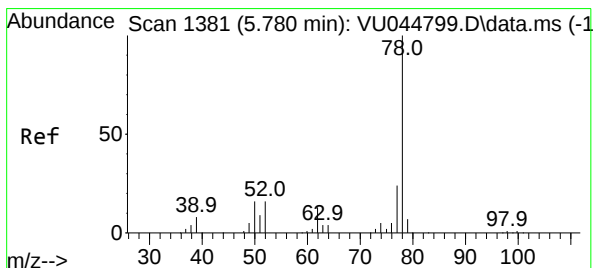
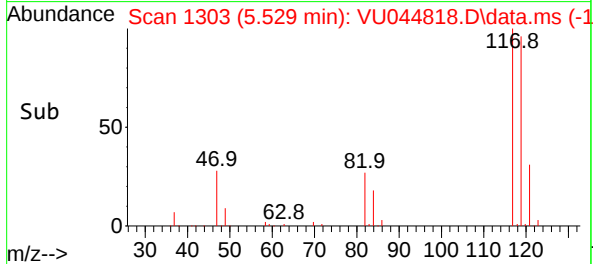
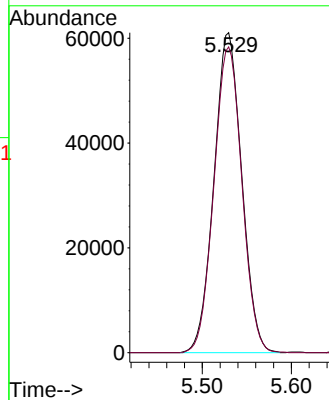
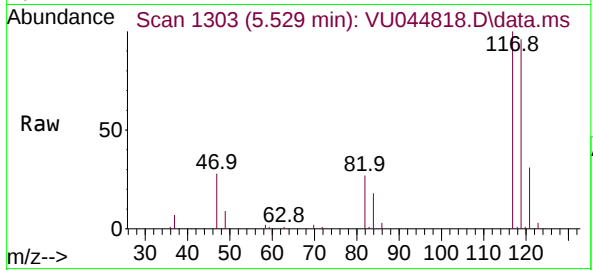




#31
Carbon tetrachloride
Concen: 51.145 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

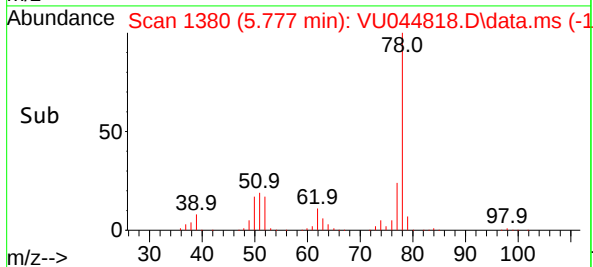
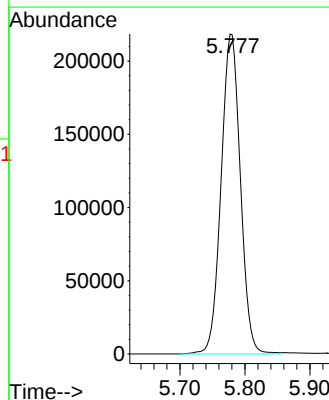
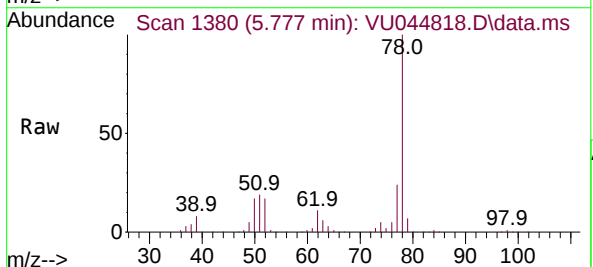
Instrument :
MSVOA_U
ClientSampled :

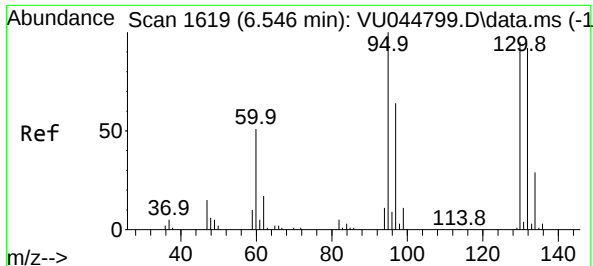
Tgt Ion:117 Resp: 132305
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 51.141 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 78 Resp: 448781





#34

Trichloroethene

Concen: 51.288 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion: 95 Resp: 108103

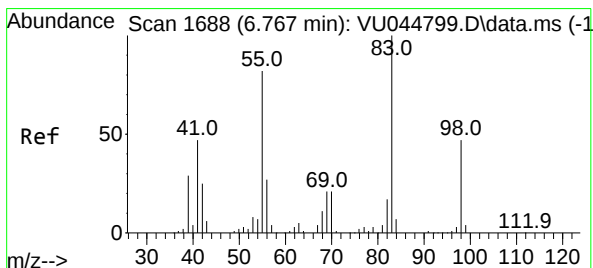
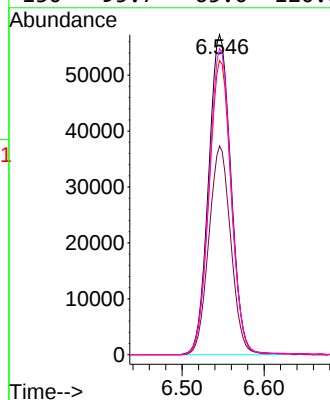
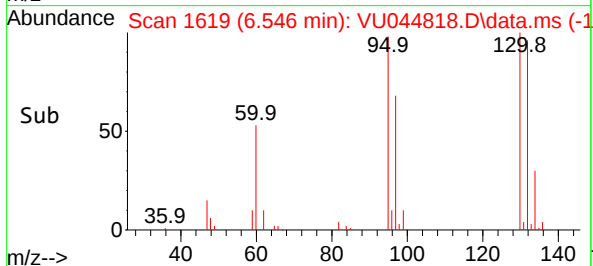
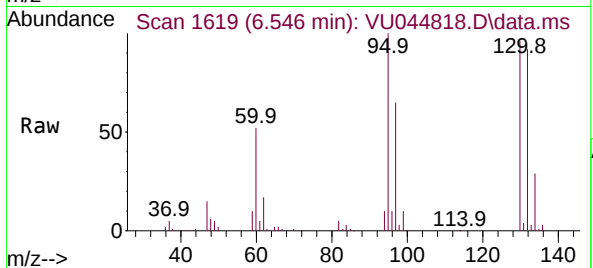
Ion Ratio Lower Upper

95 100

97 65.3 44.4 82.4

132 92.0 62.9 116.9

130 95.7 65.0 120.8



#35

Methylcyclohexane

Concen: 50.156 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

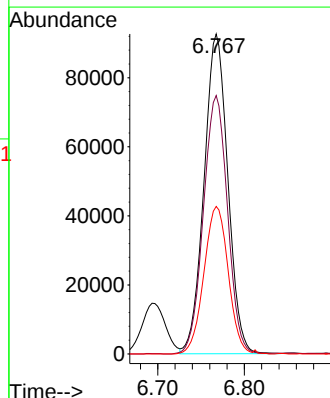
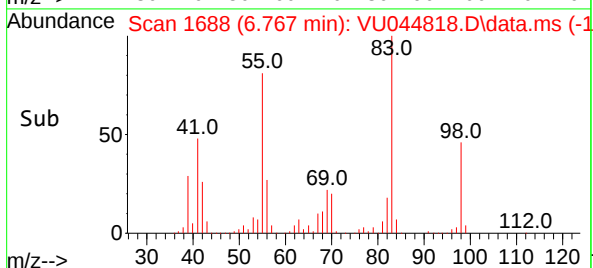
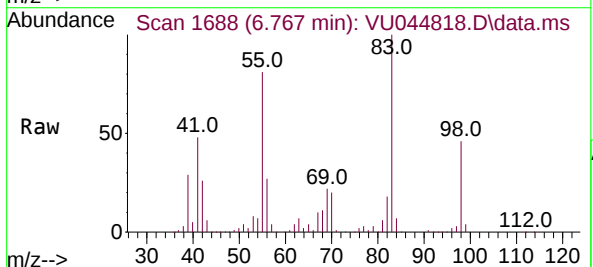
Tgt Ion: 83 Resp: 176995

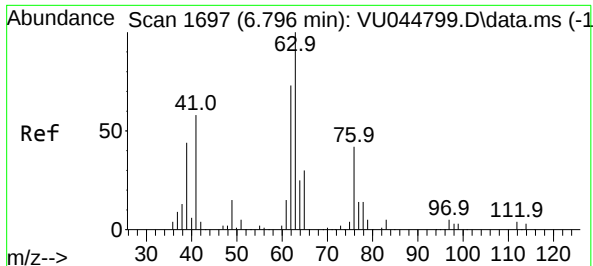
Ion Ratio Lower Upper

83 100

55 81.9 65.8 98.6

98 47.1 37.1 55.7



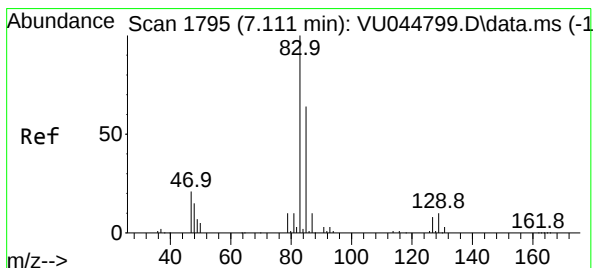
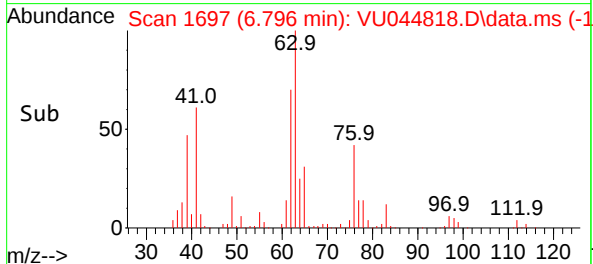
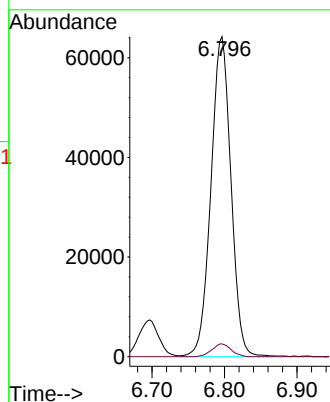
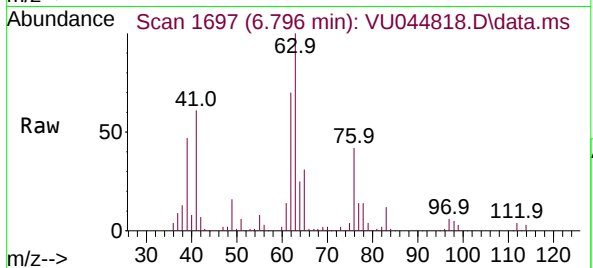


#37

1,2-Dichloropropane
Concen: 51.570 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Instrument :
MSVOA_U
ClientSampleId :

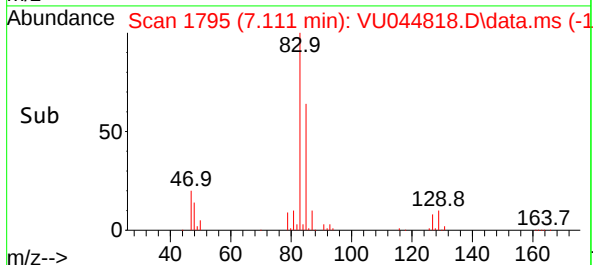
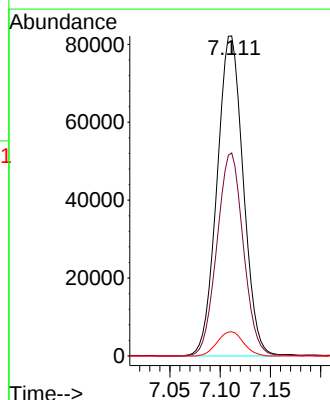
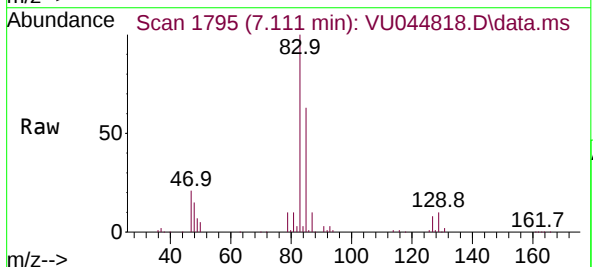
Tgt Ion: 63 Resp: 123215
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8

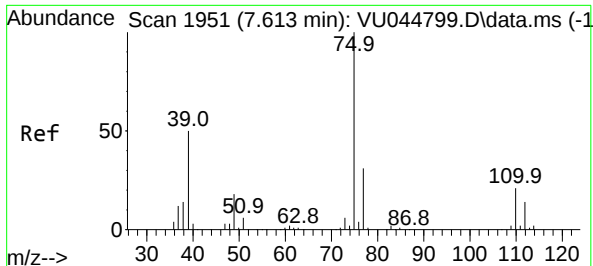


#38

Bromodichloromethane
Concen: 50.946 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 83 Resp: 149209
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8
127 8.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 50.788 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion: 75 Resp: 173630

Ion Ratio Lower Upper

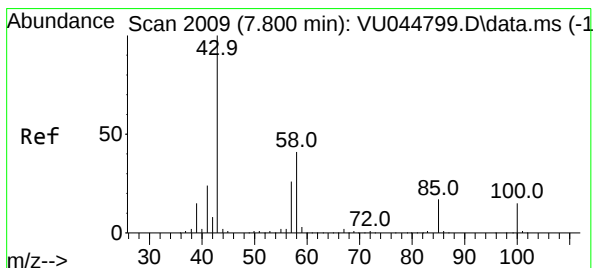
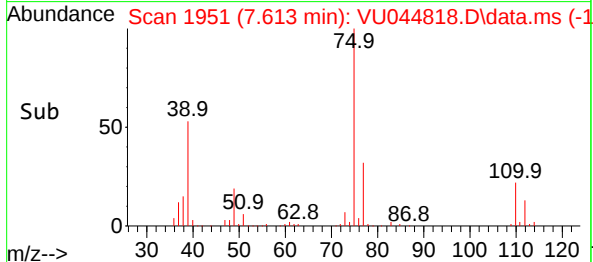
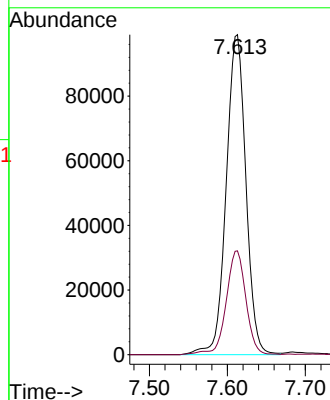
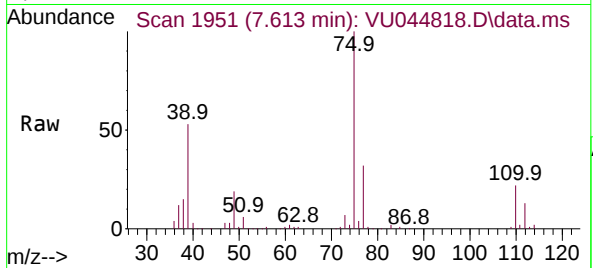
75 100

77 32.5 22.4 41.6

Instrument :

MSVOA_U

ClientSampled :



#40

4-Methyl-2-pentanone

Concen: 105.957 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

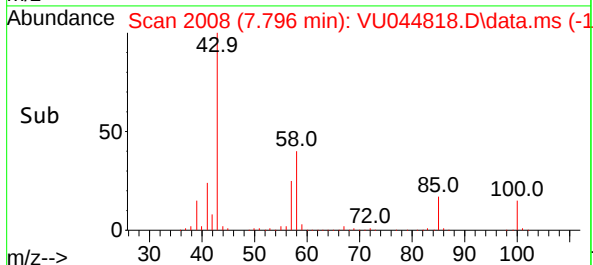
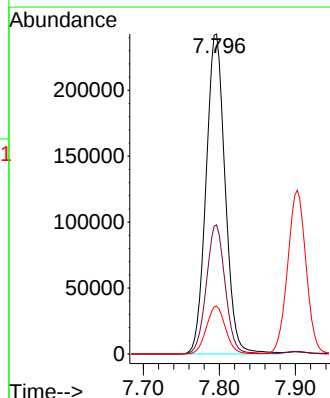
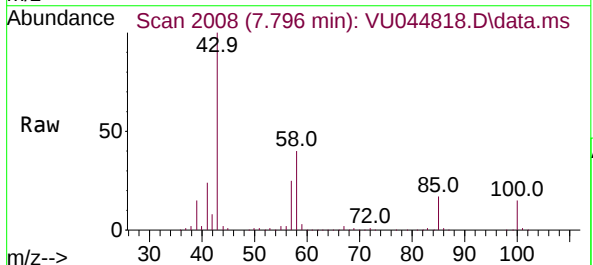
Tgt Ion: 43 Resp: 422904

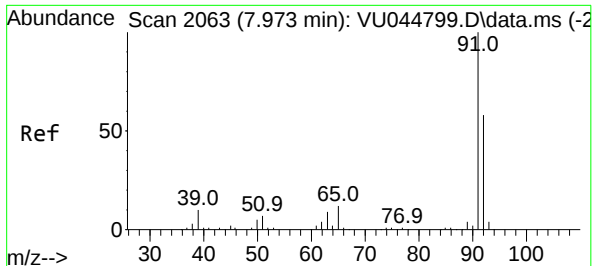
Ion Ratio Lower Upper

43 100

58 39.9 31.8 47.8

100 15.0 11.8 17.6

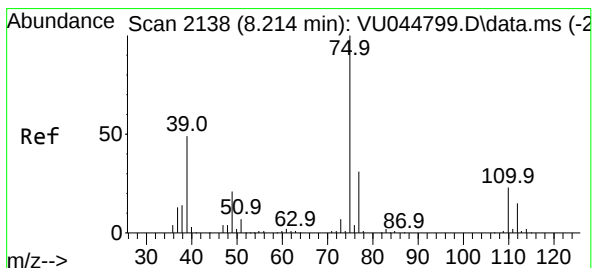
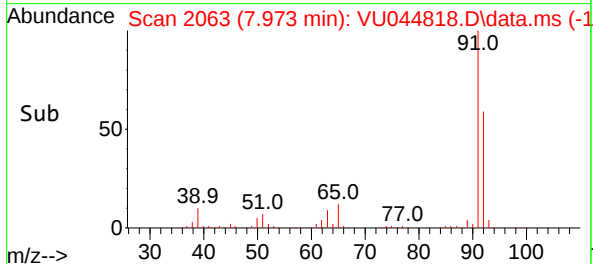
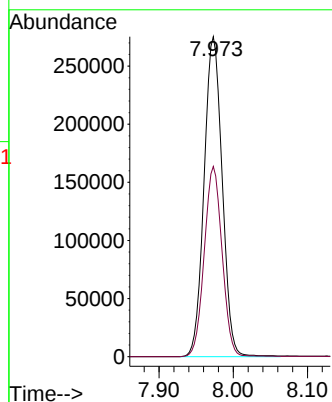
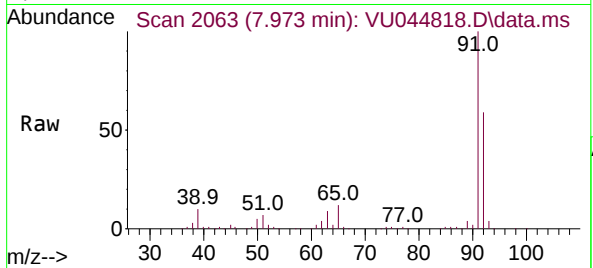




#42
Toluene
Concen: 52.316 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

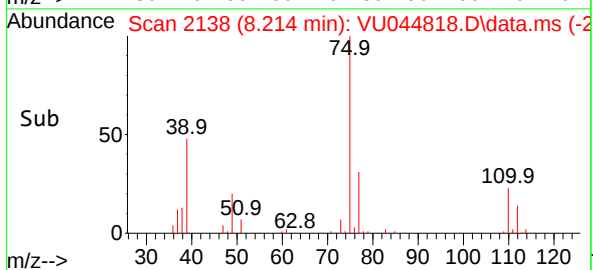
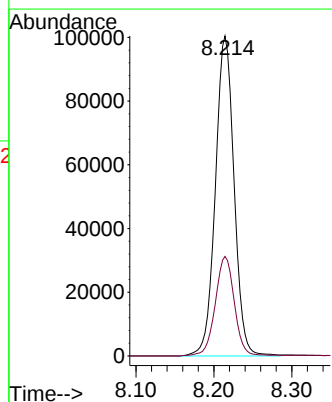
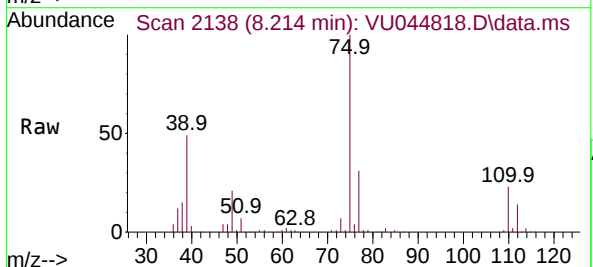
Instrument :
MSVOA_U
ClientSampled :

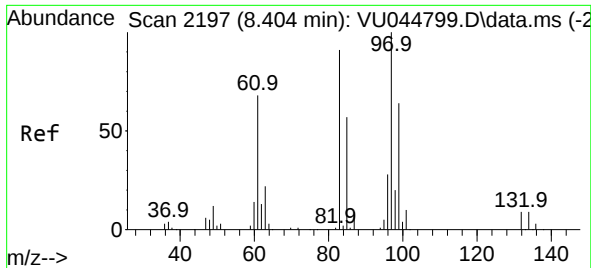
Tgt Ion: 91 Resp: 466469
Ion Ratio Lower Upper
91 100
92 59.5 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 51.546 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 75 Resp: 167562
Ion Ratio Lower Upper
75 100
77 31.1 21.7 40.3

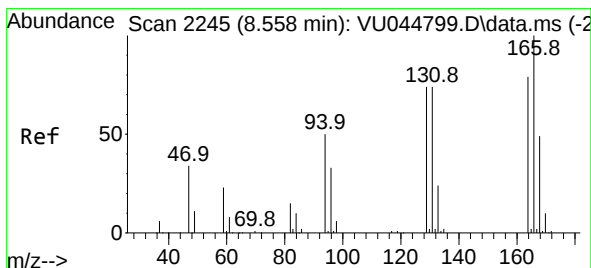
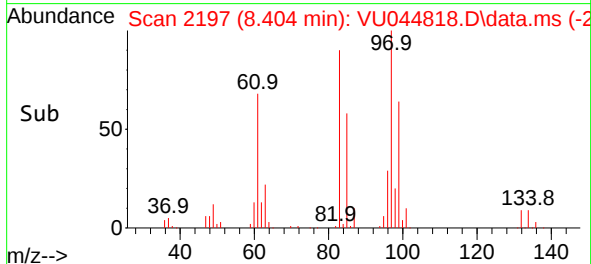
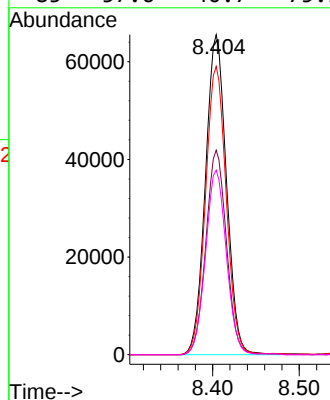
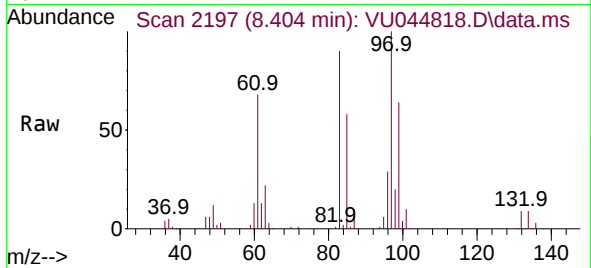




#45
1,1,2-Trichloroethane
Concen: 51.011 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

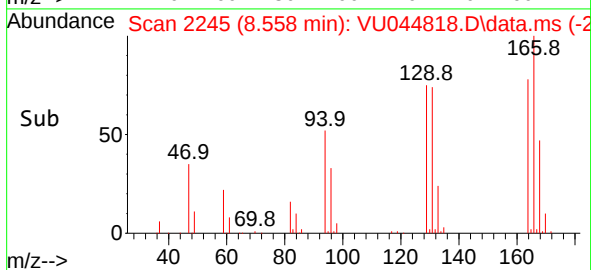
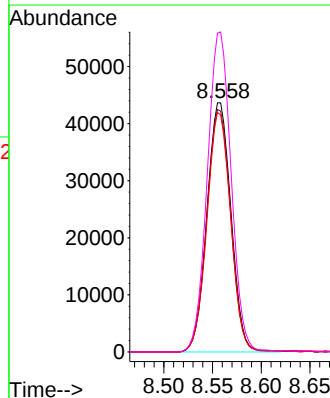
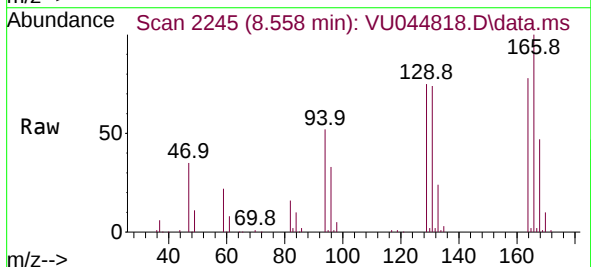
Instrument :
MSVOA_U
ClientSampled :

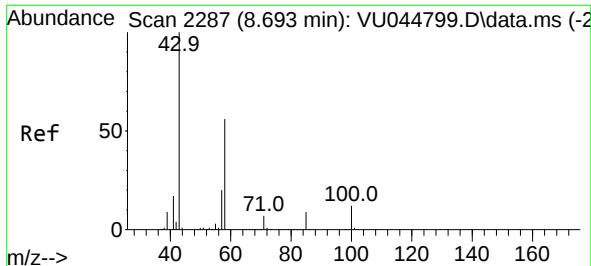
Tgt Ion:	97	Resp:	110454
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.7	81.1
83	90.1	61.9	115.1
85	57.6	40.7	75.5



#46
Tetrachloroethene
Concen: 49.682 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion:	164	Resp:	74849
Ion	Ratio	Lower	Upper
164	100		
129	96.7	69.8	129.6
131	95.1	66.4	123.2
166	128.4	91.1	169.3

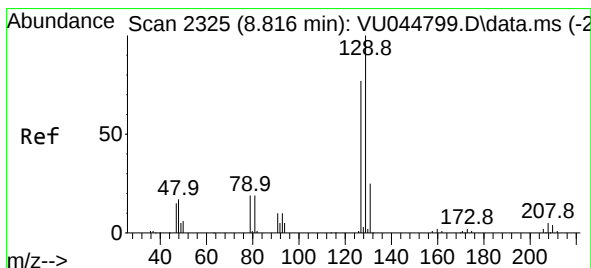
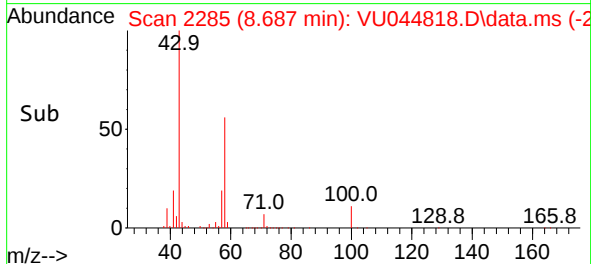
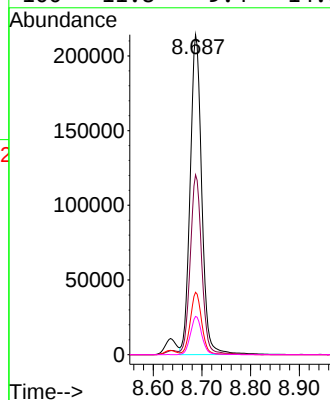
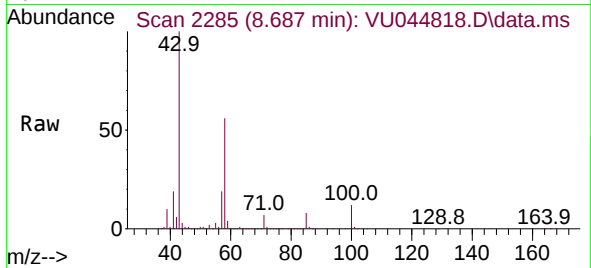




#48
2-Hexanone
Concen: 99.855 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.006 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

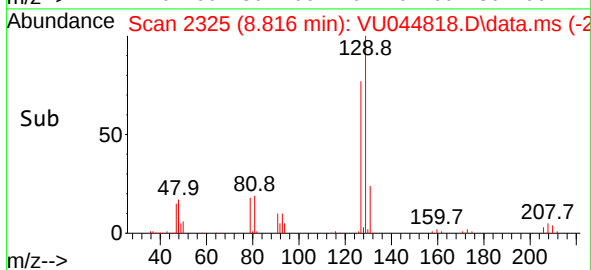
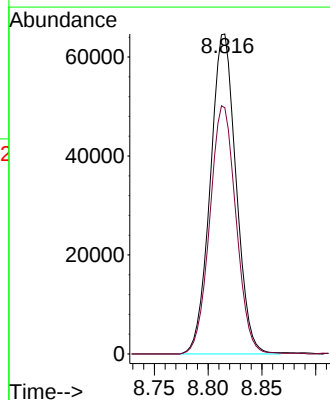
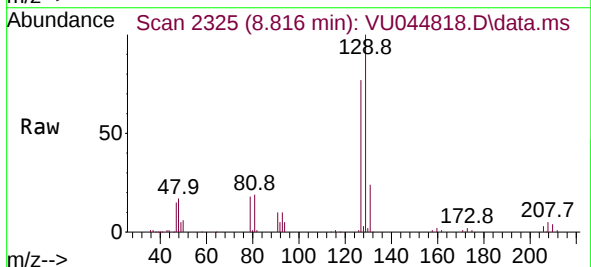
Instrument :
MSVOA_U
ClientSampleId :

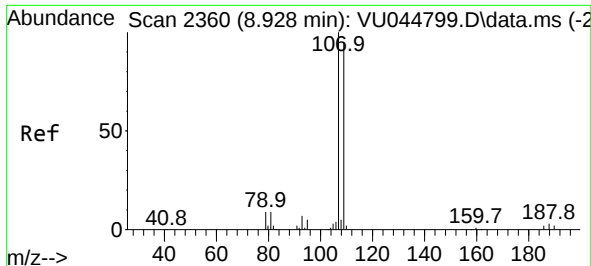
Tgt Ion: 43 Resp: 353422
Ion Ratio Lower Upper
43 100
58 54.3 44.9 67.3
57 18.9 15.5 23.3
100 11.8 9.4 14.0



#49
Dibromochloromethane
Concen: 50.358 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 129 Resp: 107841
Ion Ratio Lower Upper
129 100
127 77.0 54.3 100.8





#50

1,2-Dibromoethane

Concen: 51.529 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU044818.D

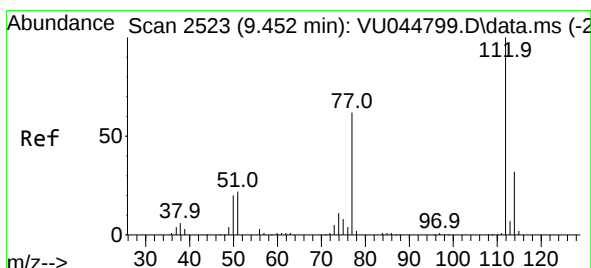
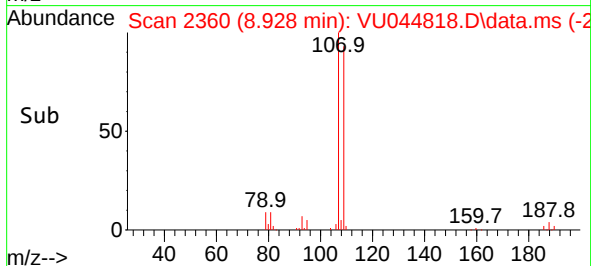
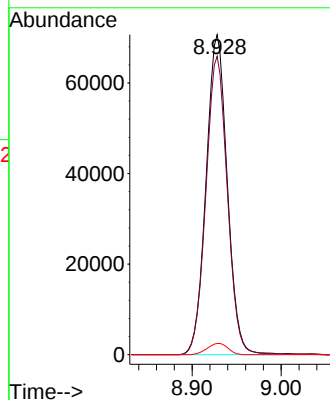
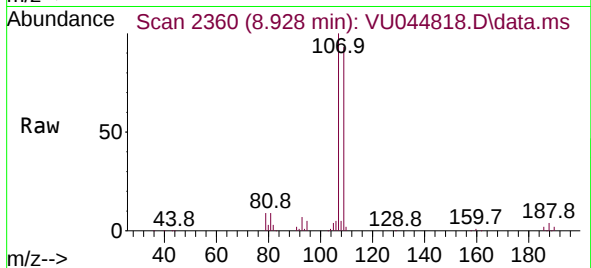
Acq: 24 Sep 2021 18:07

Instrument :

MSVOA_U

ClientSampled :

Tgt Ion:	107	Resp:	116819
Ion	Ratio	Lower	Upper
107	100		
109	93.3	65.5	121.6
188	3.7	2.6	3.8



#51

Chlorobenzene

Concen: 50.182 ug/L

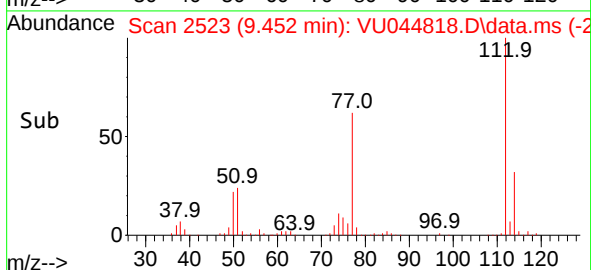
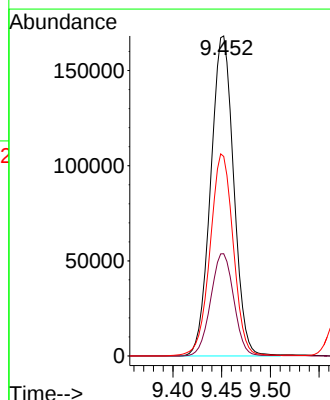
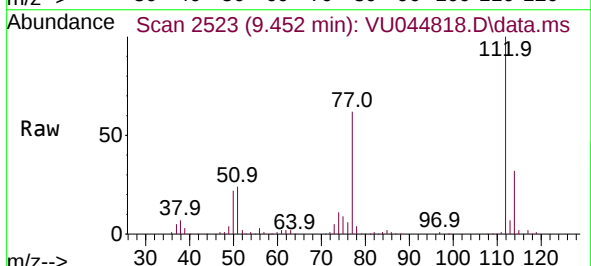
RT: 9.452 min Scan# 2523

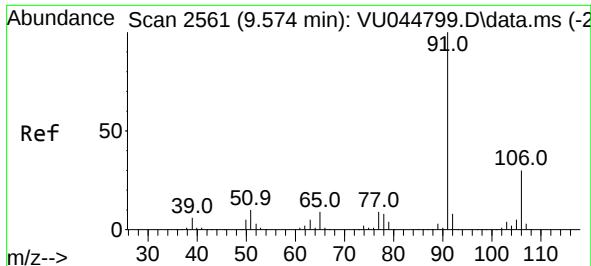
Delta R.T. -0.000 min

Lab File: VU044818.D

Acq: 24 Sep 2021 18:07

Tgt Ion:	112	Resp:	276228
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	62.4	50.6	75.8

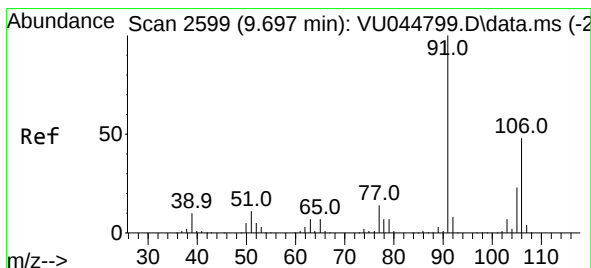
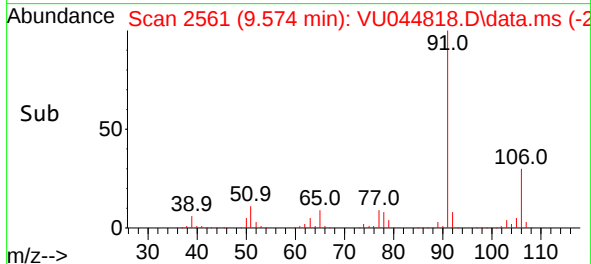
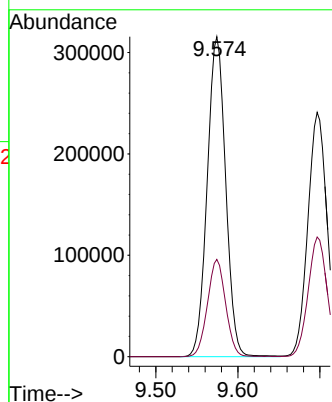
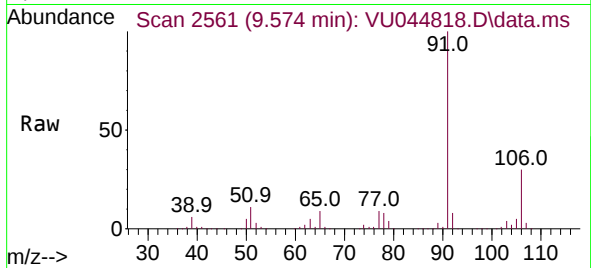




#52
Ethylbenzene
Concen: 52.280 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

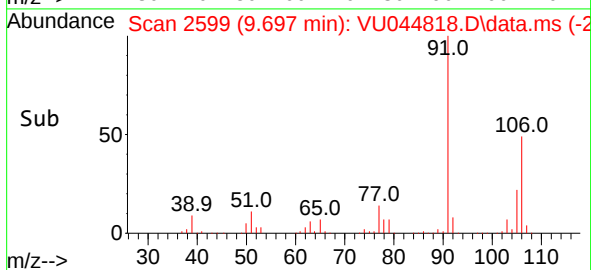
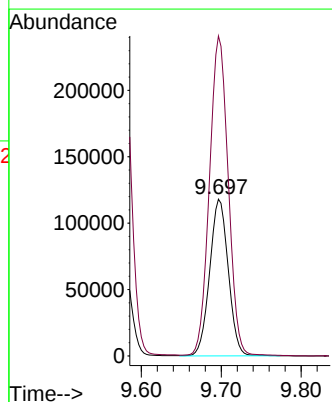
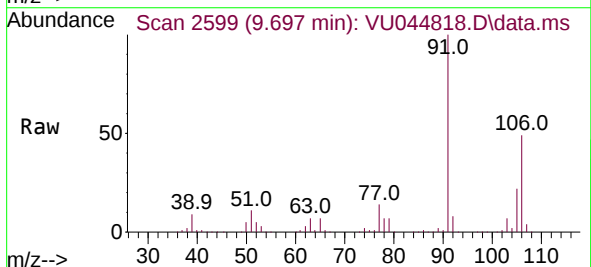
Instrument :
MSVOA_U
ClientSampled :

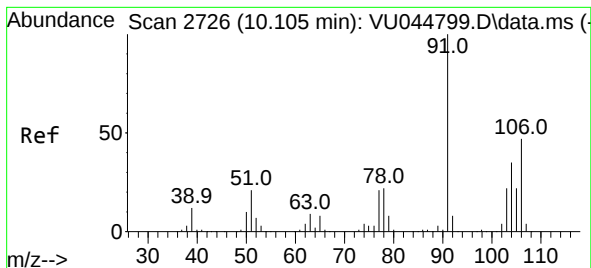
Tgt Ion: 91 Resp: 492441
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 53.274 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 106 Resp: 190093
Ion Ratio Lower Upper
106 100
91 204.1 146.7 272.4





#54

o-xylene

Concen: 53.389 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044818.D

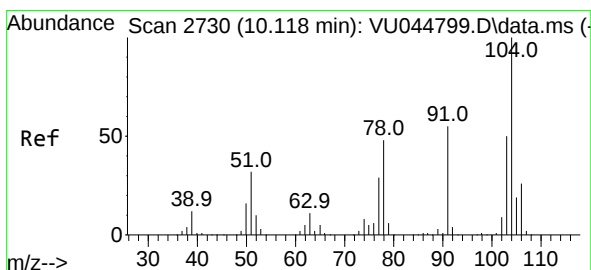
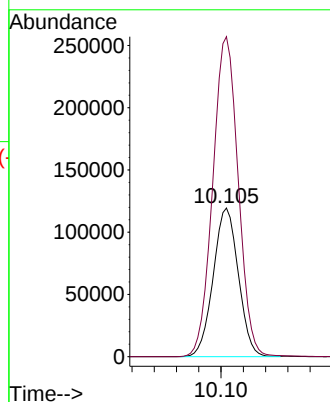
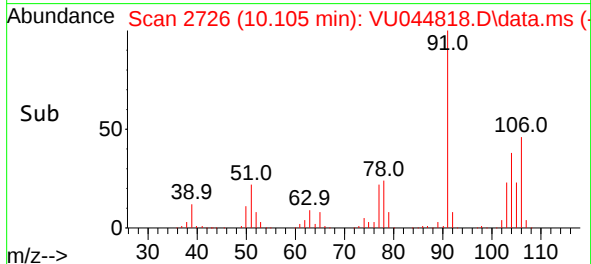
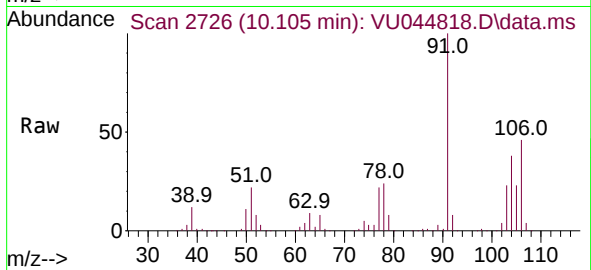
Acq: 24 Sep 2021 18:07

Tgt Ion:106 Resp: 187199

Ion Ratio Lower Upper

106 100

91 215.4 152.9 283.9



#55

Styrene

Concen: 54.010 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044818.D

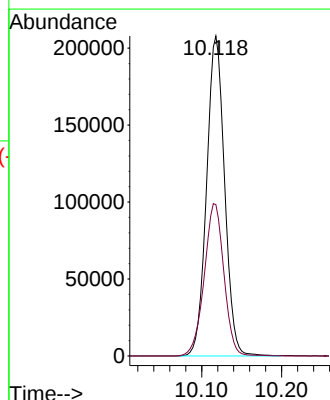
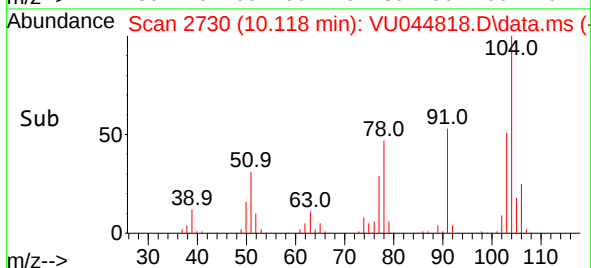
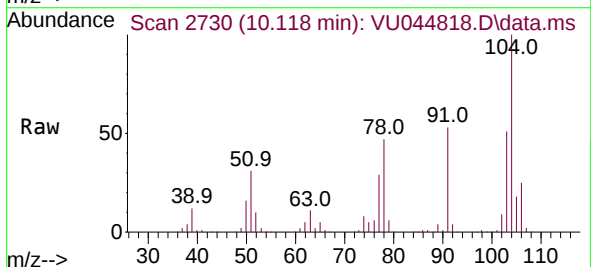
Acq: 24 Sep 2021 18:07

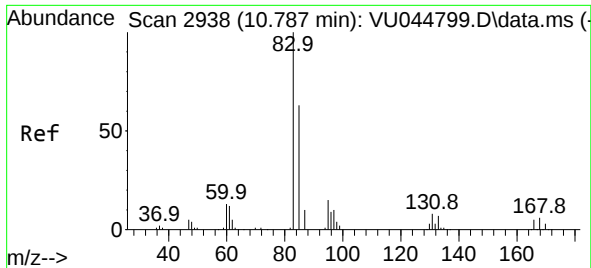
Tgt Ion:104 Resp: 325676

Ion Ratio Lower Upper

104 100

78 47.3 33.3 61.9

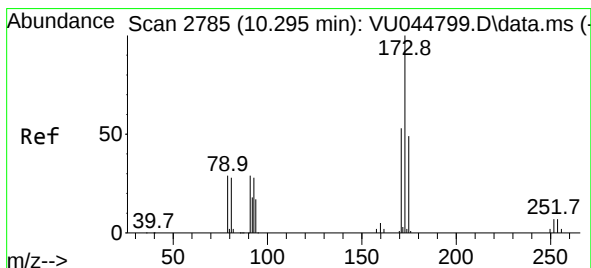
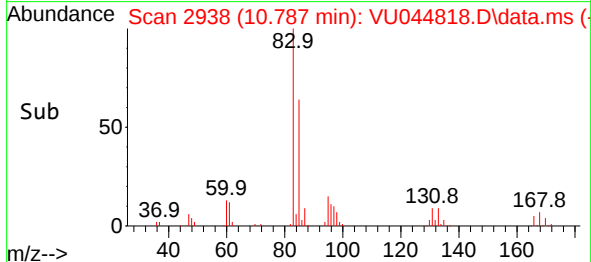
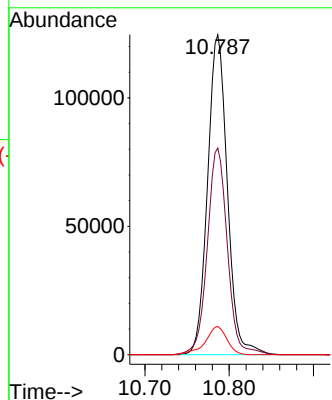
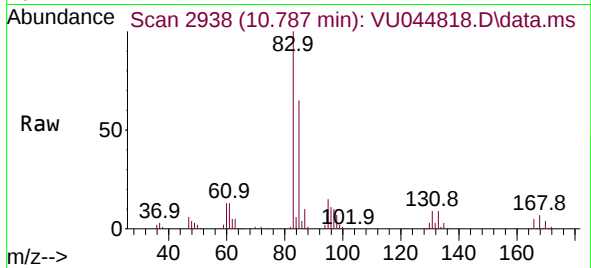




#57
1,1,2,2-Tetrachloroethane
Concen: 49.047 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

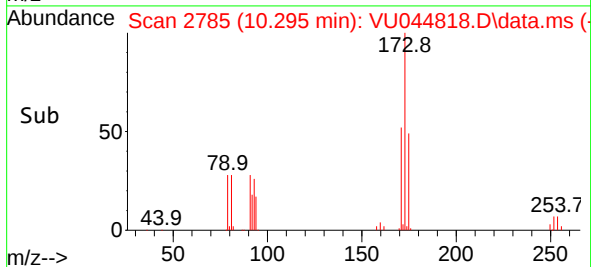
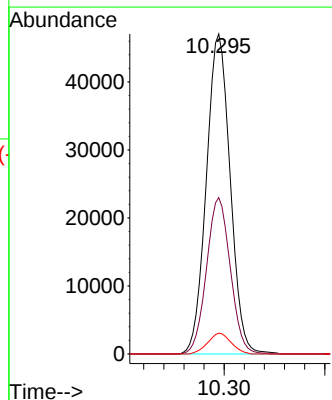
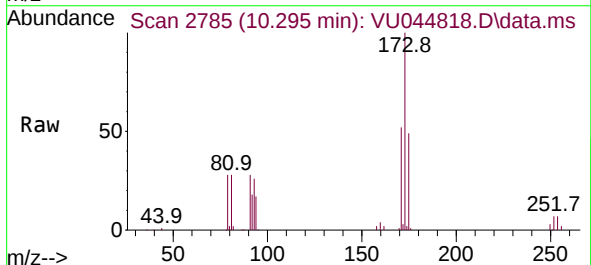
Instrument :
MSVOA_U
ClientSampleId :

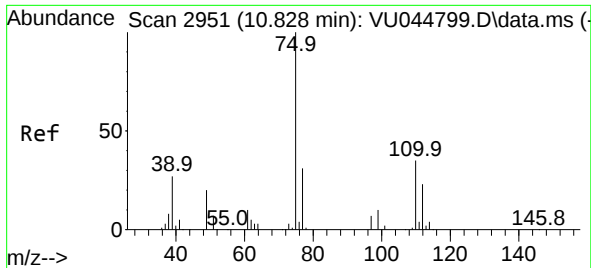
Tgt Ion: 83 Resp: 203348
Ion Ratio Lower Upper
83 100
85 64.6 45.1 83.7
131 8.8 6.9 10.3



#59
Bromoform
Concen: 51.139 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion:173 Resp: 77402
Ion Ratio Lower Upper
173 100
175 48.7 38.4 57.6
254 6.4 5.3 7.9

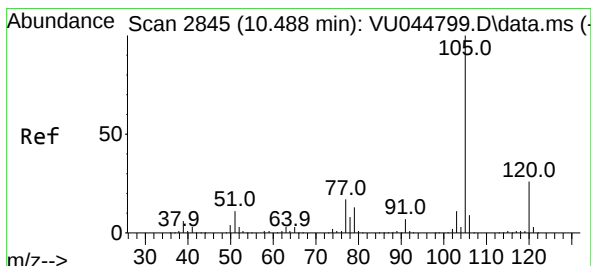
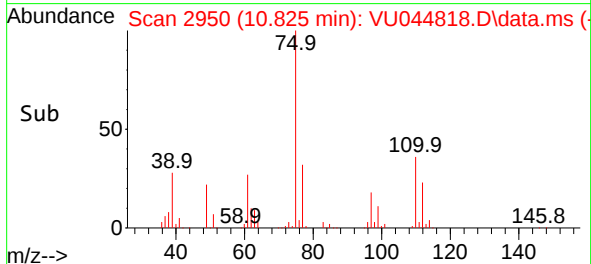
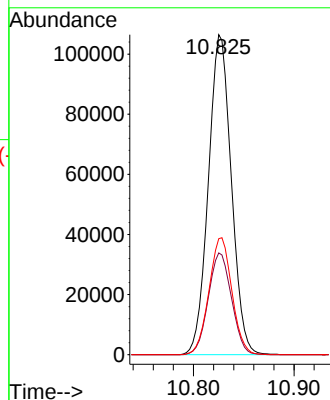
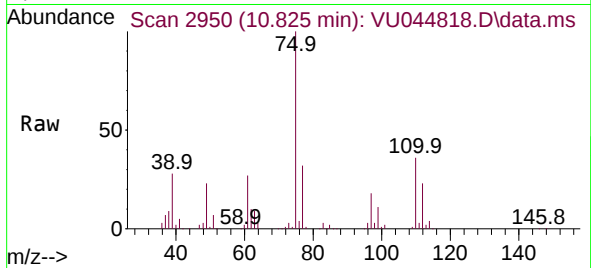




#60
1,2,3-Trichloropropane
Concen: 49.988 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

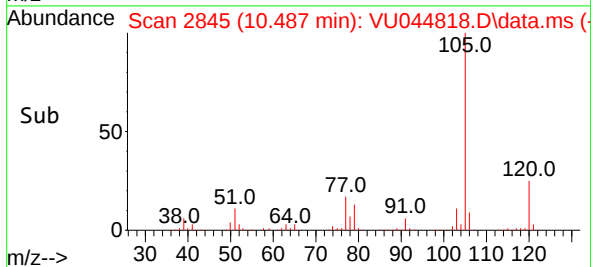
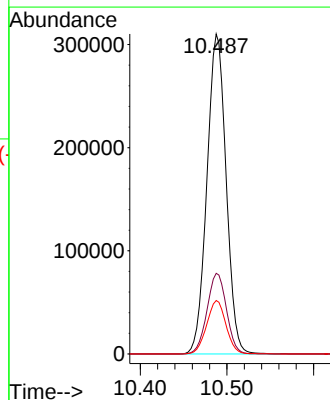
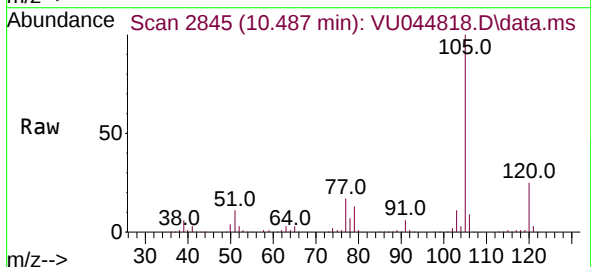
Instrument :
MSVOA_U
ClientSampled :

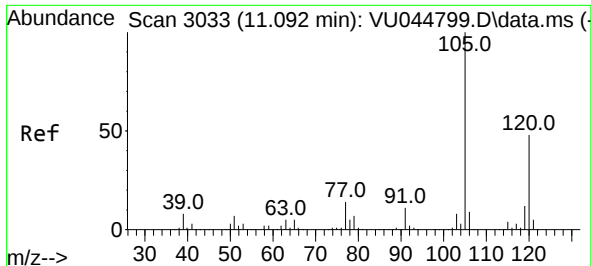
Tgt Ion: 75 Resp: 168730
Ion Ratio Lower Upper
75 100
77 32.2 25.5 38.3
110 36.5 29.0 43.4



#61
Isopropylbenzene
Concen: 53.411 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 105 Resp: 477036
Ion Ratio Lower Upper
105 100
120 25.5 20.5 30.7
77 16.8 13.5 20.3





#62

1,3,5-Trimethylbenzene

Concen: 54.356 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU044818.D

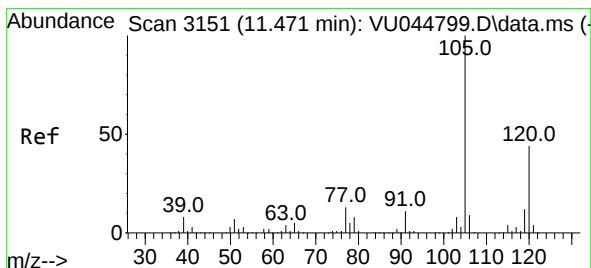
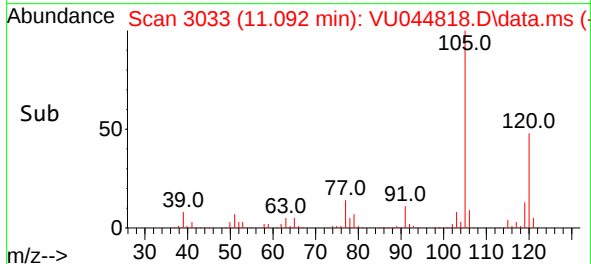
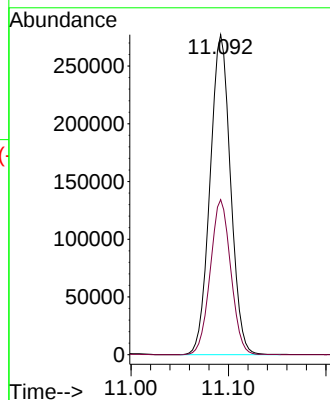
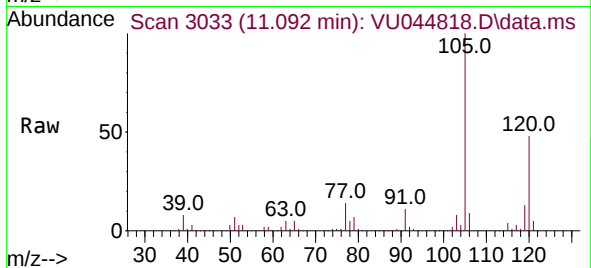
Acq: 24 Sep 2021 18:07

Tgt Ion:105 Resp: 405435

Ion Ratio Lower Upper

105 100

120 48.4 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 54.651 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU044818.D

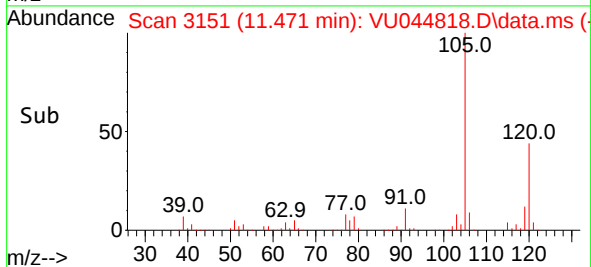
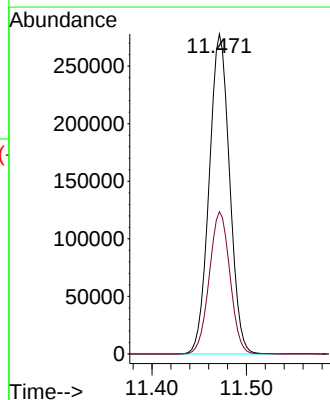
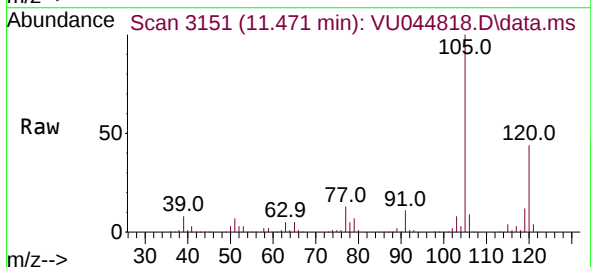
Acq: 24 Sep 2021 18:07

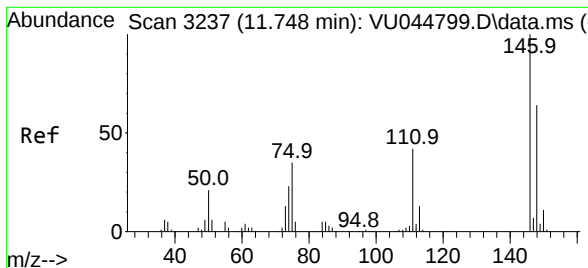
Tgt Ion:105 Resp: 417434

Ion Ratio Lower Upper

105 100

120 44.9 35.7 53.5

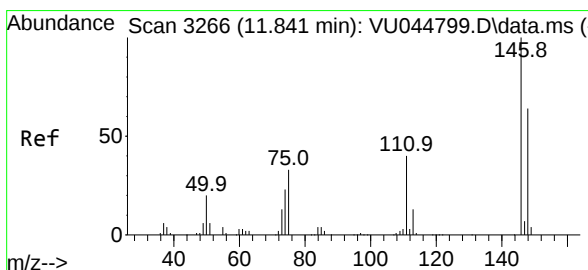
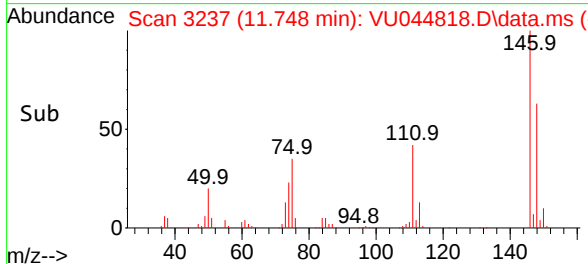
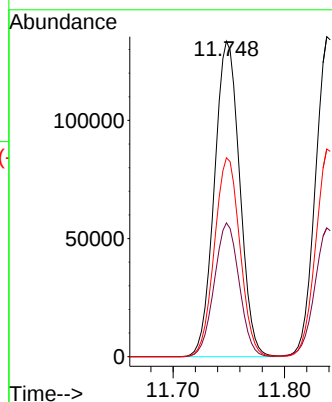
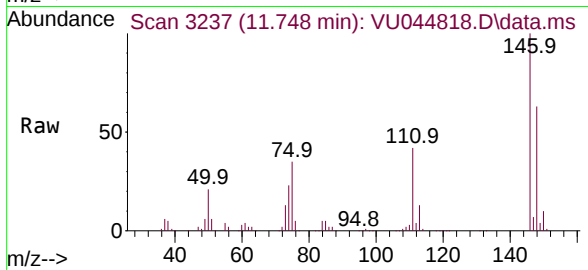




#64
1,3-Dichlorobenzene
Concen: 51.128 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

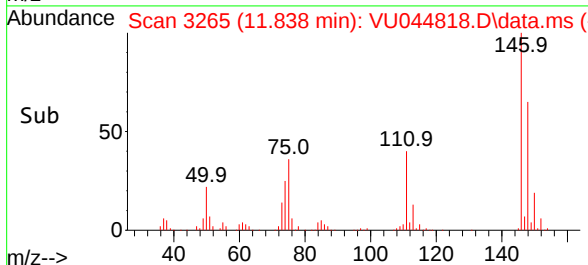
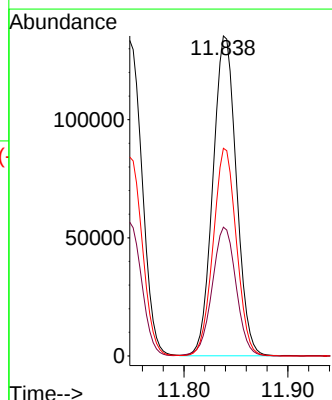
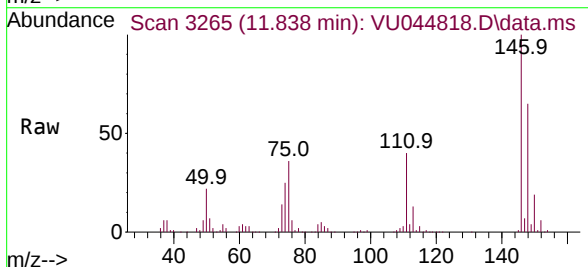
Instrument :
MSVOA_U
ClientSampled :

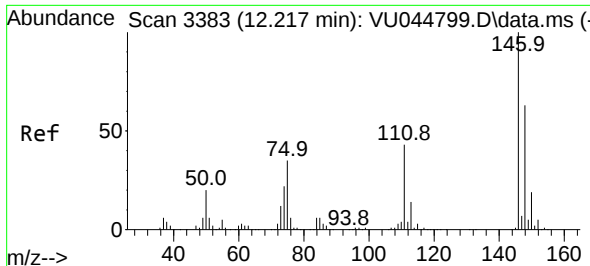
Tgt Ion:146 Resp: 211032
Ion Ratio Lower Upper
146 100
111 42.4 29.0 53.8
148 63.0 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 50.171 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion:146 Resp: 212466
Ion Ratio Lower Upper
146 100
111 40.2 28.5 52.9
148 64.9 45.5 84.5

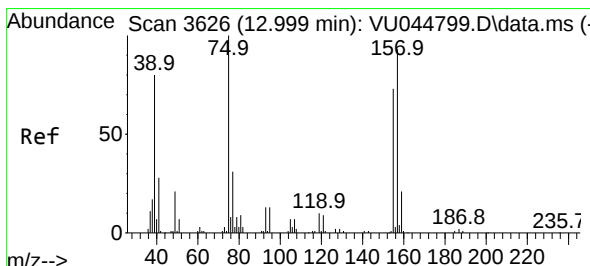
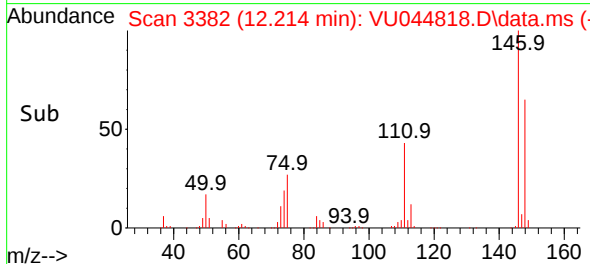
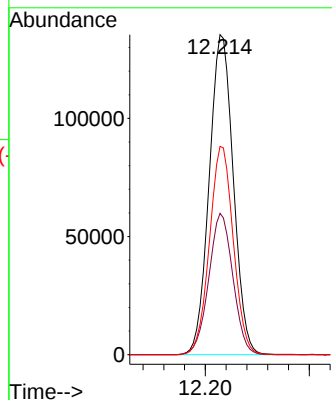
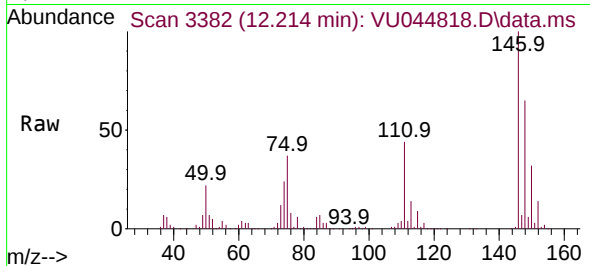




#67
1,2-Dichlorobenzene
Concen: 51.450 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

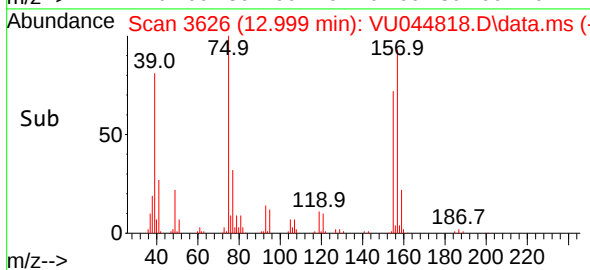
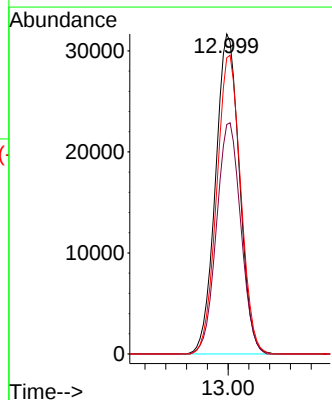
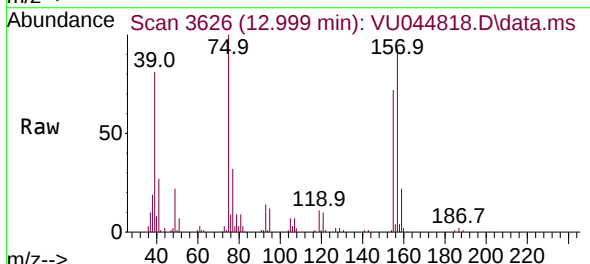
Instrument :
MSVOA_U
ClientSampleId :

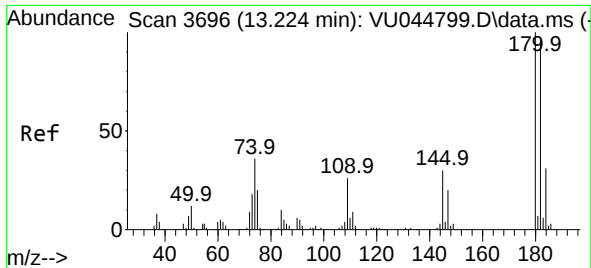
Tgt Ion:146 Resp: 218005
Ion Ratio Lower Upper
146 100
111 44.2 34.7 52.1
148 65.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.349 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion: 75 Resp: 50780
Ion Ratio Lower Upper
75 100
155 71.7 58.5 87.7
157 92.6 77.7 116.5

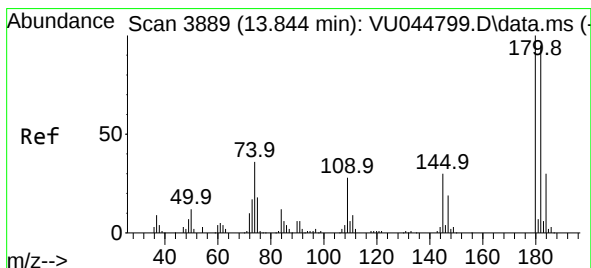
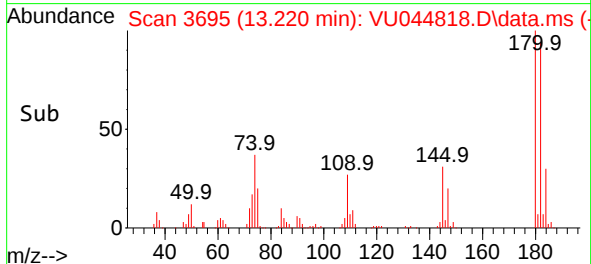
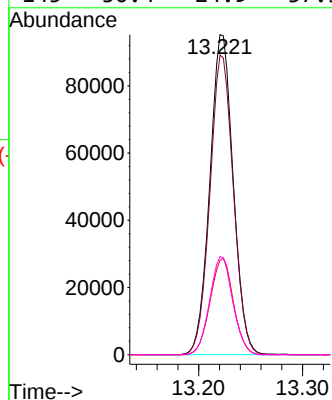
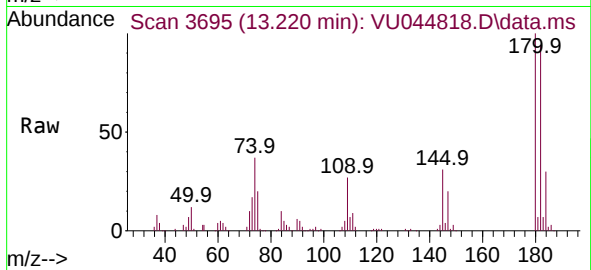




#69
 1,3,5-Trichlorobenzene
 Concen: 51.862 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: VU044818.D
 Acq: 24 Sep 2021 18:07

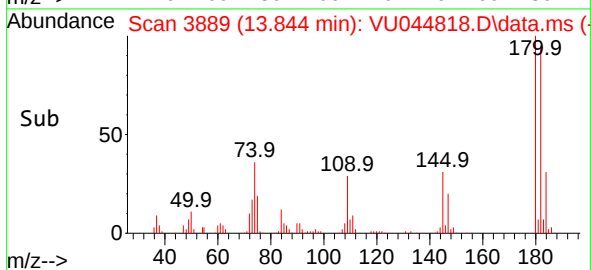
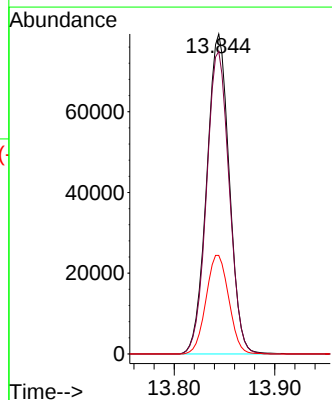
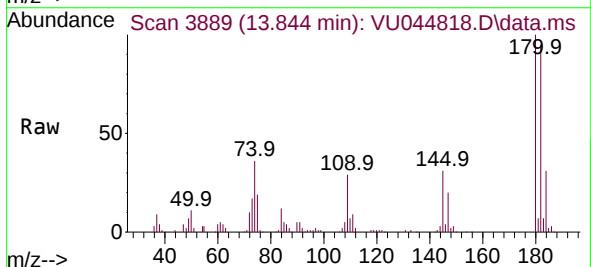
Instrument :
 MSVOA_U
 ClientSampled :

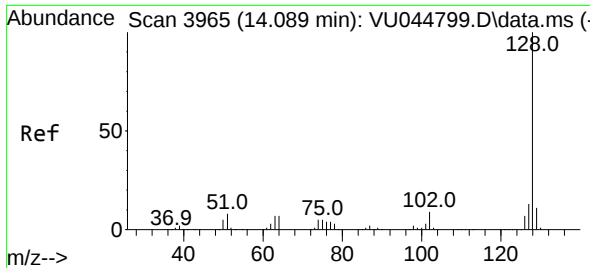
Tgt Ion:180	Resp:	148557
Ion Ratio	Lower	Upper
180	100	
182	93.7	76.8 115.2
184	30.1	24.4 36.6
145	30.4	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 51.853 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044818.D
 Acq: 24 Sep 2021 18:07

Tgt Ion:180	Resp:	123428
Ion Ratio	Lower	Upper
180	100	
182	94.9	76.2 114.2
145	31.1	25.4 38.0

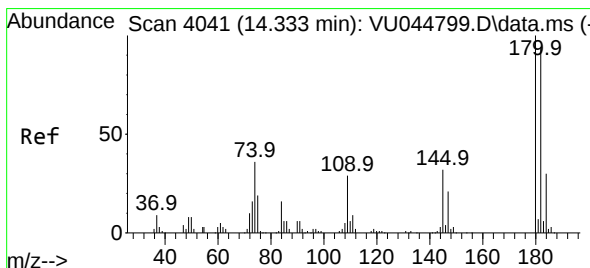
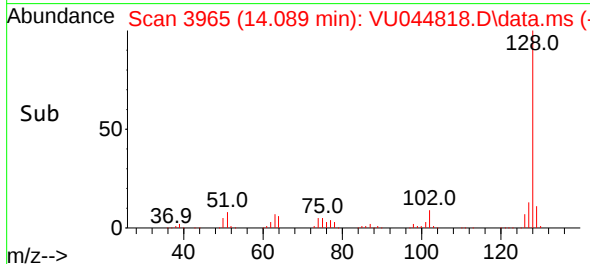
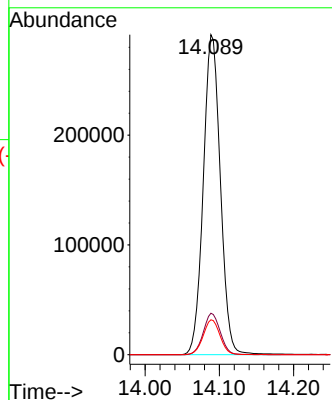
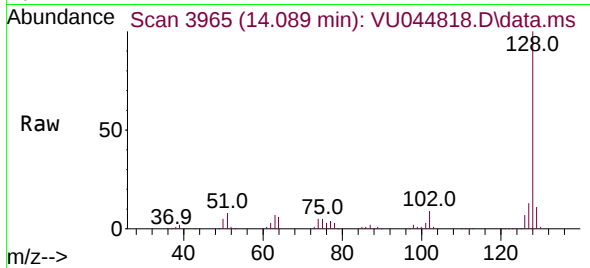




#71
Naphthalene
Concen: 56.453 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 465657
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 54.771 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044818.D
Acq: 24 Sep 2021 18:07

Tgt Ion:180 Resp: 133390
Ion Ratio Lower Upper
180 100
182 92.9 76.8 115.2
145 32.2 26.5 39.7

