

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092421\
 Data File : VU044799.D
 Acq On : 24 Sep 2021 09:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 25 02:30:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	268153	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	259789	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	132724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	123163	41.956	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.920%
7) Chloroethane-d5	1.912	69	112175	48.223	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.440%
11) 1,1-Dichloroethene-d2	2.571	63	221515	44.935	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.860%
21) 2-Butanone-d5	4.636	46	235147	101.325	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.320%
24) Chloroform-d	5.070	84	214851	46.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.680%
26) 1,2-Dichloroethane-d4	5.706	65	144525	46.021	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.040%
32) Benzene-d6	5.732	84	425182	47.166	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.340%
36) 1,2-Dichloropropane-d6	6.697	67	138702	47.188	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.380%
41) Toluene-d8	7.902	98	373638	48.029	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.060%
43) trans-1,3-Dichloroprop...	8.182	79	63388	48.480	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.960%
47) 2-Hexanone-d5	8.642	63	165071	101.339	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	210615	46.015	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.020%
66) 1,2-Dichlorobenzene-d4	12.198	152	135794	47.013	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	125201	48.762	ug/L	98
3) Chloromethane	1.520	50	151451	47.323	ug/L	100
5) Vinyl chloride	1.607	62	152372	48.596	ug/L	99
6) Bromomethane	1.858	94	80356	53.432	ug/L	98
8) Chloroethane	1.932	64	107312	54.531	ug/L	98
9) Trichlorofluoromethane	2.137	101	180459	50.284	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	112395	49.620	ug/L	99
12) 1,1-Dichloroethene	2.584	96	104263	50.210	ug/L	89
13) Acetone	2.642	43	252606	94.164	ug/L	99
14) Carbon disulfide	2.797	76	332258	49.944	ug/L	100
15) Methyl Acetate	2.957	43	167313	50.571	ug/L	99
16) Methylene chloride	3.051	84	125230	47.602	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	111071	50.776	ug/L	97
18) Methyl tert-butyl Ether	3.372	73	371086	51.448	ug/L	99
19) 1,1-Dichloroethane	3.877	63	229023	50.326	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	124958	51.841	ug/L	94
22) 2-Butanone	4.716	43	295839	98.532	ug/L	100
23) Bromochloromethane	4.983	128	61707	50.499	ug/L	97
25) Chloroform	5.095	83	224349	49.590	ug/L	100

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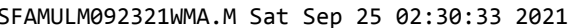
Instrument :
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 ClientSampleId :

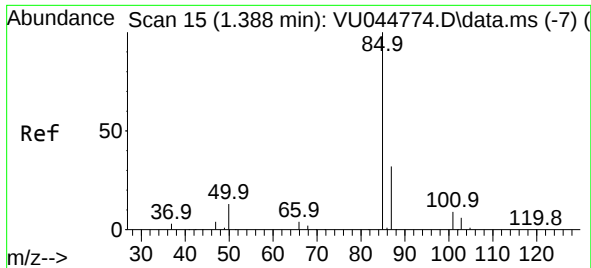
Quant Time: Sep 25 02:30:24 2021
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	187480	49.546	ug/L	100
29) Cyclohexane	5.394	56	208603	53.420	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	183804	51.111	ug/L	99
31) Carbon tetrachloride	5.530	117	148113	52.146	ug/L	99
33) Benzene	5.780	78	497720	51.655	ug/L	100
34) Trichloroethene	6.546	95	119906	51.810	ug/L	98
35) Methylcyclohexane	6.767	83	206391	53.266	ug/L	99
37) 1,2-Dichloropropane	6.796	63	134240	51.169	ug/L	100
38) Bromodichloromethane	7.111	83	164796	51.246	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	197829	52.702	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	460649	105.113	ug/L	99
42) Toluene	7.973	91	516705	52.778	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	188096	52.698	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	121135	50.951	ug/L	98
46) Tetrachloroethene	8.558	164	86235	52.131	ug/L	97
48) 2-Hexanone	8.693	43	404300	104.035	ug/L	99
49) Dibromochloromethane	8.816	129	120611	51.295	ug/L	99
50) 1,2-Dibromoethane	8.928	107	127909	51.385	ug/L	99
51) Chlorobenzene	9.452	112	307076	50.807	ug/L	99
52) Ethylbenzene	9.574	91	547601	52.948	ug/L	99
53) m,p-Xylene	9.697	106	207423	52.942	ug/L	100
54) o-xylene	10.105	106	206419	53.616	ug/L	97
55) Styrene	10.118	104	358961	54.217	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	223041	48.995	ug/L	98
59) Bromoform	10.295	173	85042	51.664	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	185426	50.512	ug/L	100
61) Isopropylbenzene	10.488	105	531989	54.769	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	453865	55.950	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	466705	56.184	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	233119	51.933	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	238626	51.812	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	240207	52.126	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55170	52.297	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	167060	53.627	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	143279	55.348	ug/L	99
71) Naphthalene	14.089	128	541850	60.402	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	149901	56.596	ug/L	98

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

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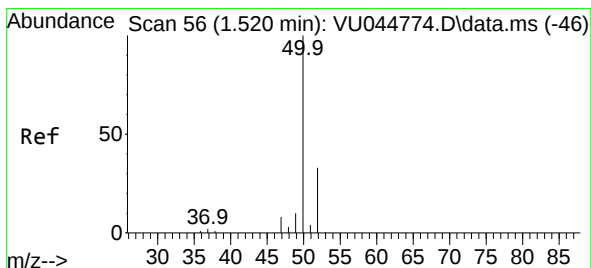
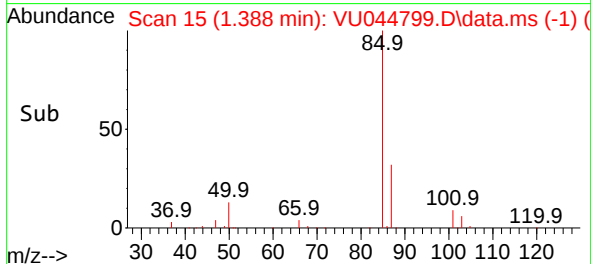
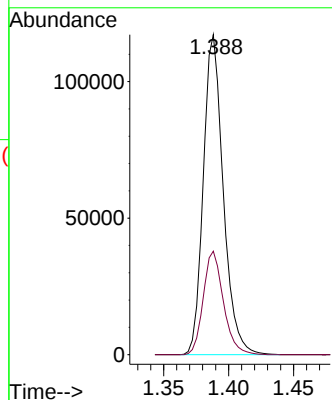
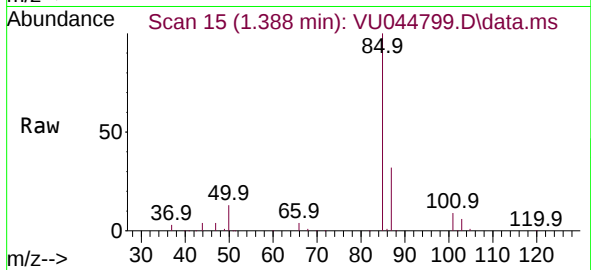




#2
Dichlorodifluoromethane
Concen: 48.762 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

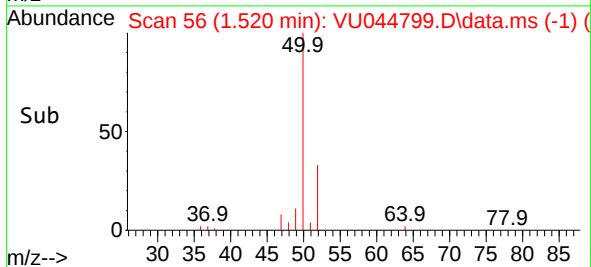
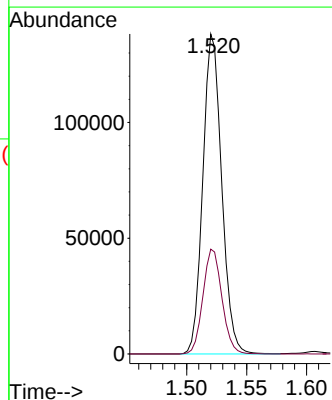
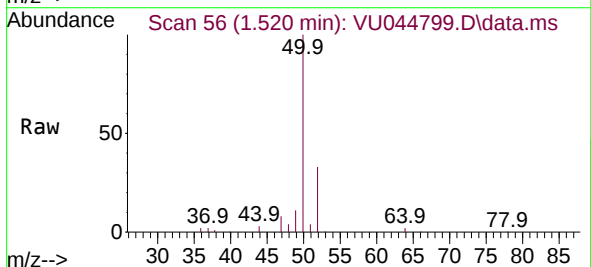
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MSVOA_U
ClientSampled :

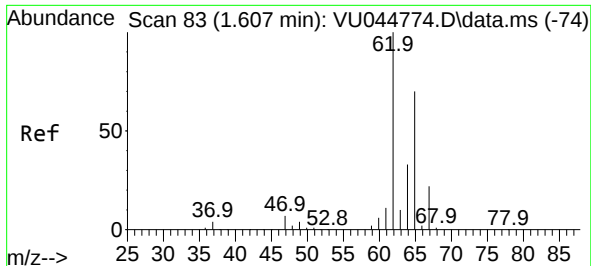
Tgt Ion: 85 Resp: 125201
Ion Ratio Lower Upper
85 100
87 32.6 25.2 37.8



#3
Chloromethane
Concen: 47.323 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 50 Resp: 151451
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

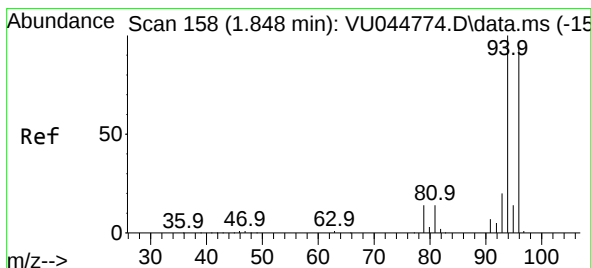
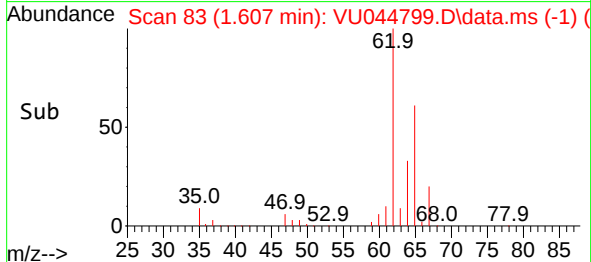
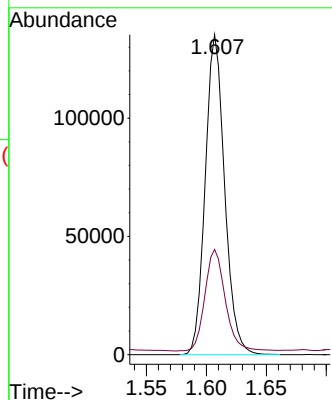
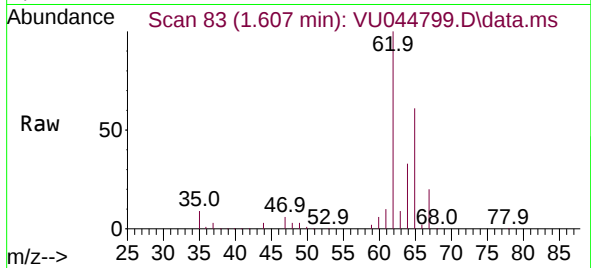




#5
 Vinyl chloride
 Concen: 48.596 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43

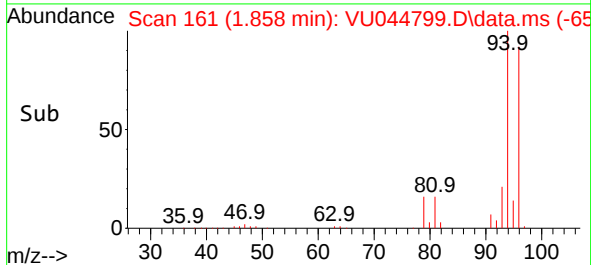
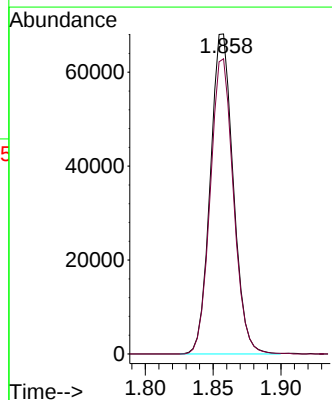
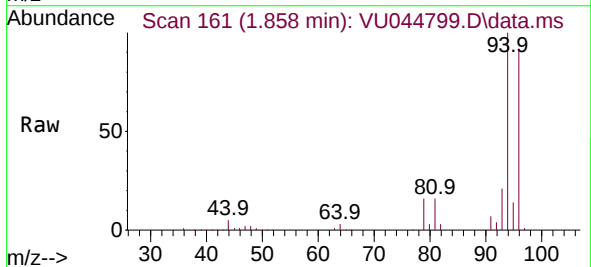
Instrument :
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 ClientSampled :

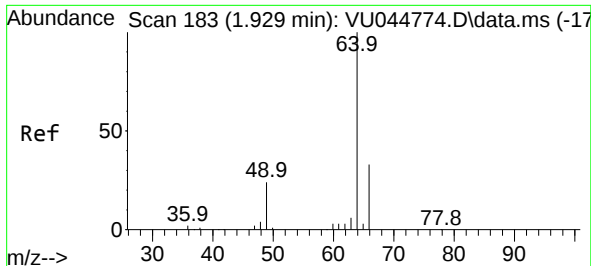
Tgt Ion: 62 Resp: 152372
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.6



#6
 Bromomethane
 Concen: 53.432 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.009 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43

Tgt Ion: 94 Resp: 80356
 Ion Ratio Lower Upper
 94 100
 96 92.3 65.7 121.9

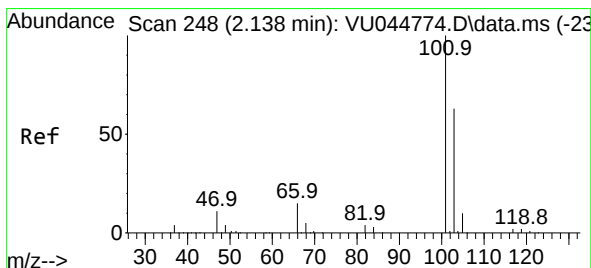
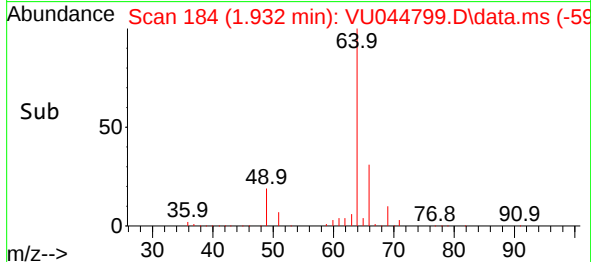
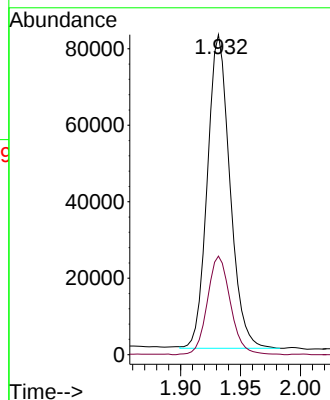
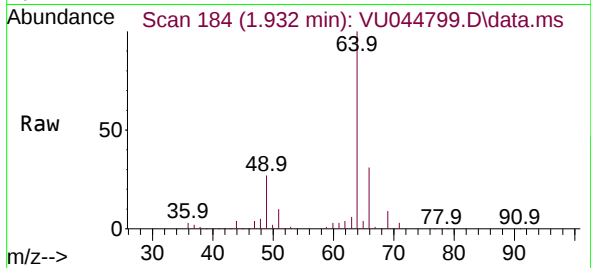




#8
Chloroethane
Concen: 54.531 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

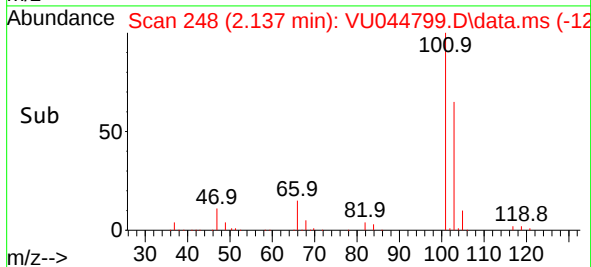
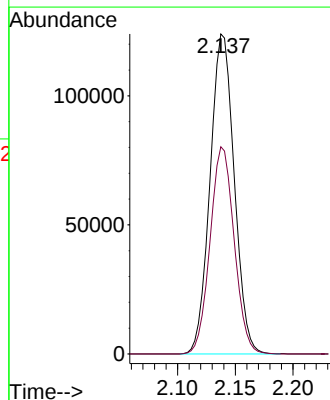
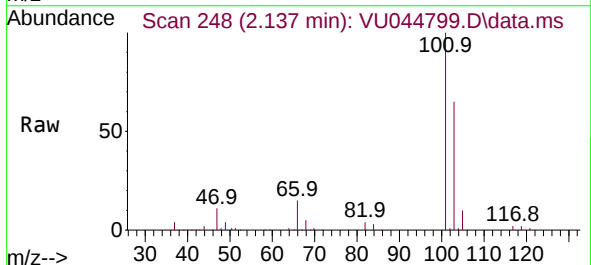
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MSVOA_U
ClientSampled :

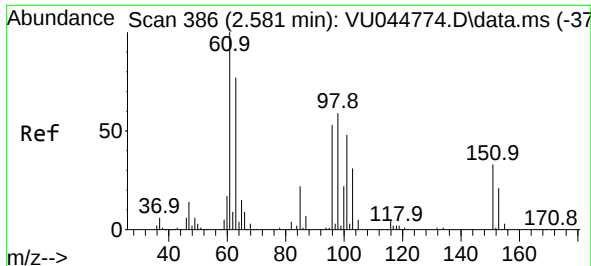
Tgt Ion: 64 Resp: 107312
Ion Ratio Lower Upper
64 100
66 30.8 22.3 41.3



#9
Trichlorofluoromethane
Concen: 50.284 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:101 Resp: 180459
Ion Ratio Lower Upper
101 100
103 64.5 50.9 76.3

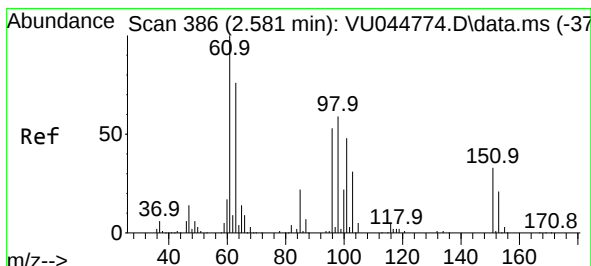
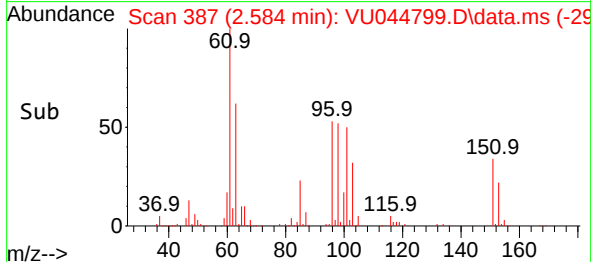
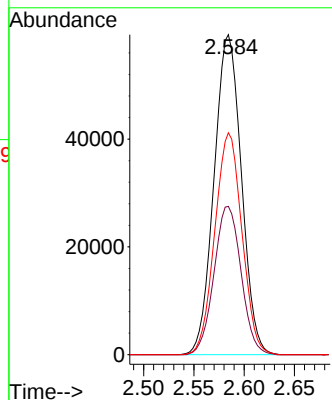
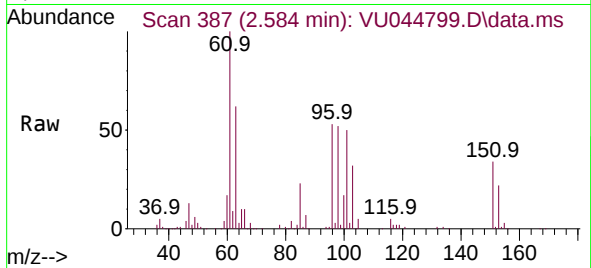




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.620 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43

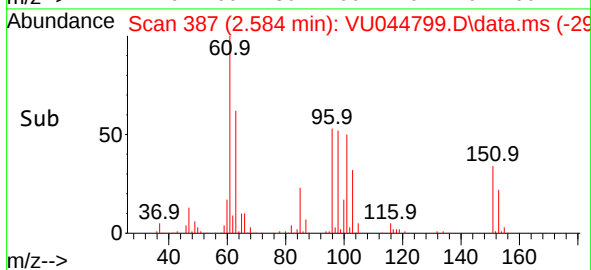
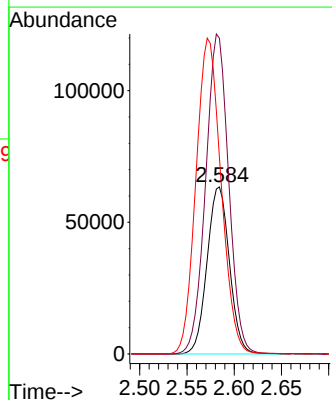
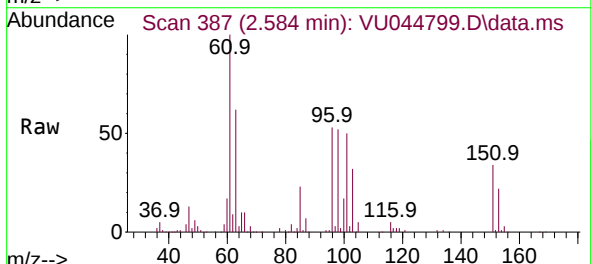
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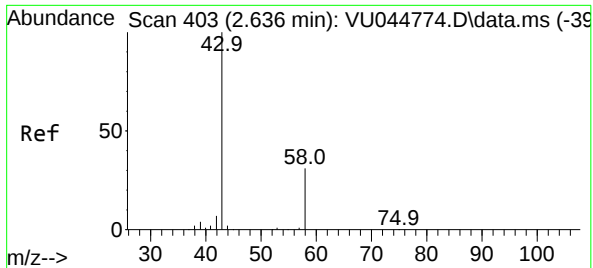
Tgt Ion:101 Resp: 112395
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.4 54.6
 151 68.8 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 50.210 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43

Tgt Ion: 96 Resp: 104263
 Ion Ratio Lower Upper
 96 100
 61 189.0 131.3 243.9
 63 118.0 102.5 190.3

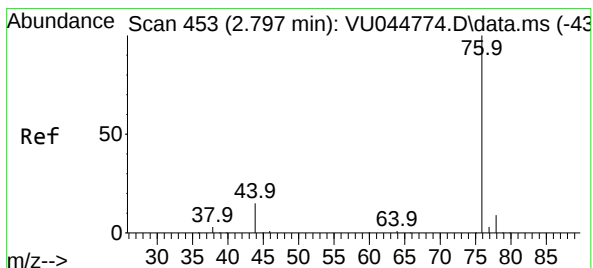
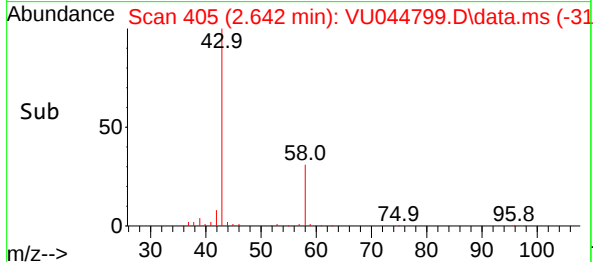
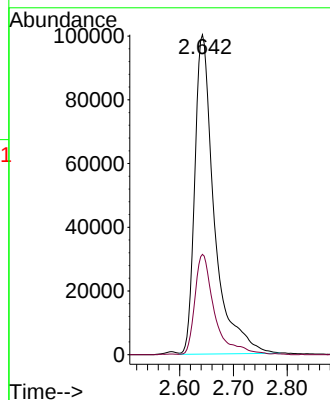
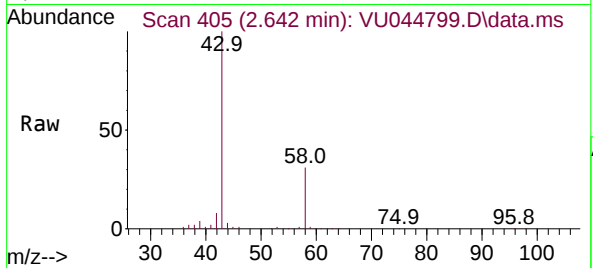




#13
Acetone
Concen: 94.164 ug/L
RT: 2.642 min Scan# 405
Delta R.T. 0.006 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

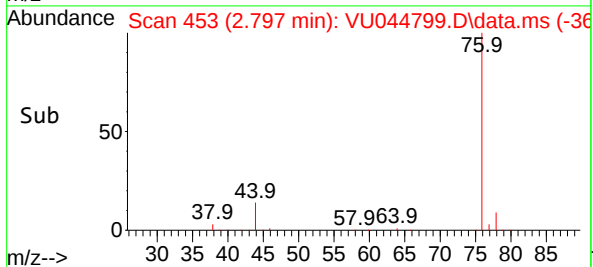
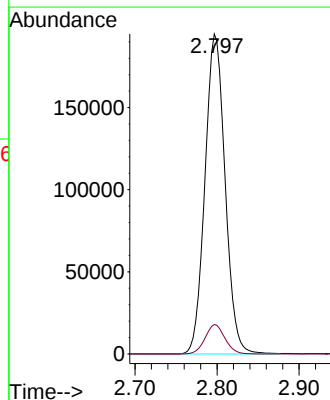
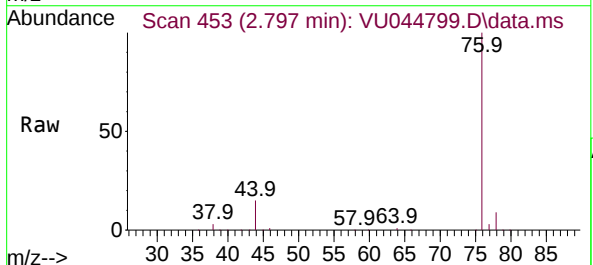
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ClientSampleId :

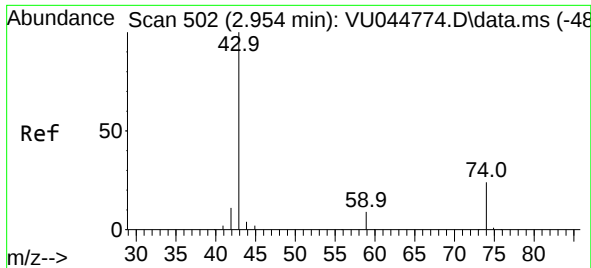
Tgt Ion: 43 Resp: 252606
Ion Ratio Lower Upper
43 100
58 31.8 0.0 62.8



#14
Carbon disulfide
Concen: 49.944 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 76 Resp: 332258
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

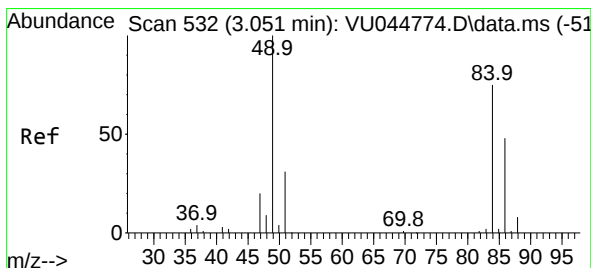
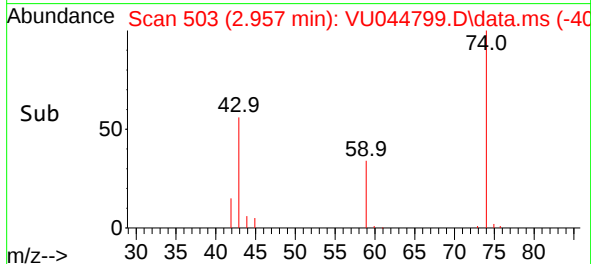
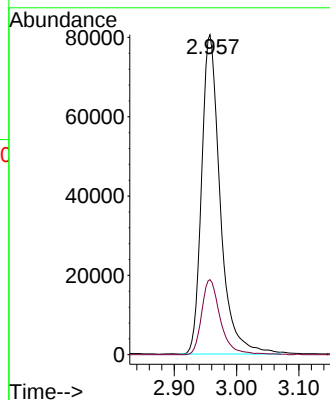
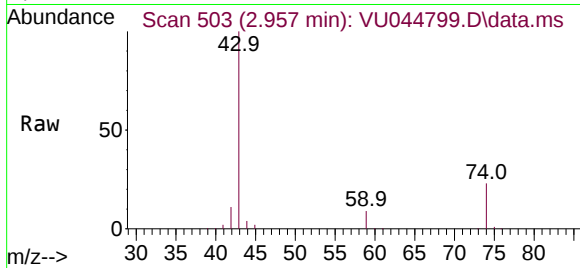




#15
Methyl Acetate
Concen: 50.571 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

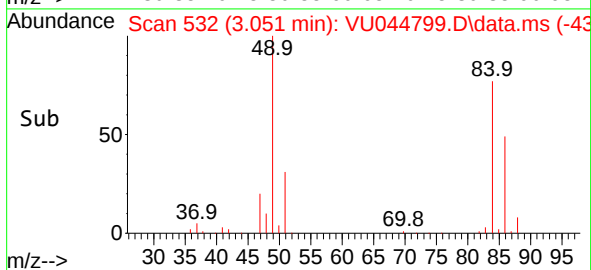
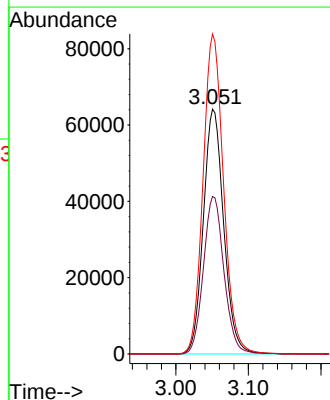
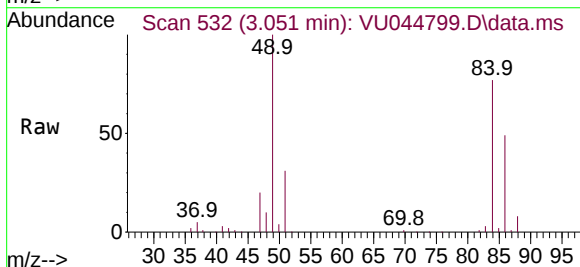
Instrument :
MSVOA_U
ClientSampleId :

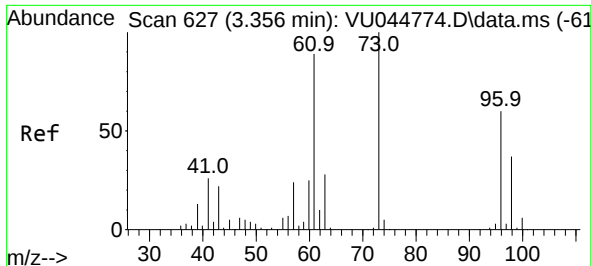
Tgt Ion: 43 Resp: 167313
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6



#16
Methylene chloride
Concen: 47.602 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 84 Resp: 125230
Ion Ratio Lower Upper
84 100
86 64.3 44.7 83.1
49 130.7 92.9 172.5

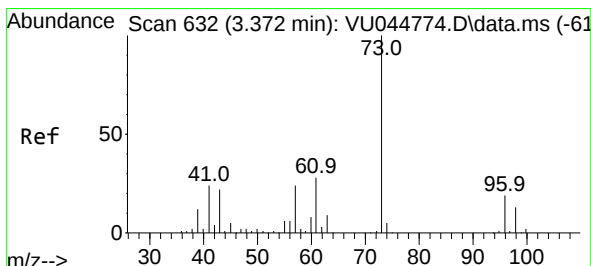
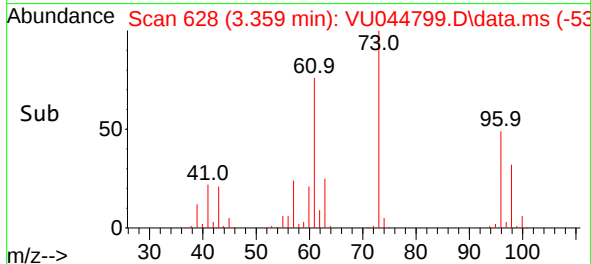
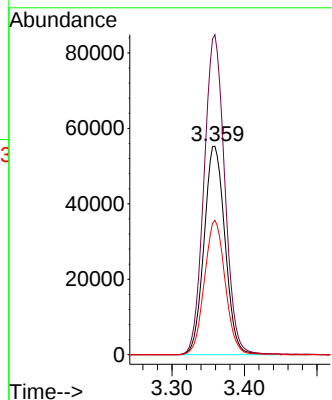
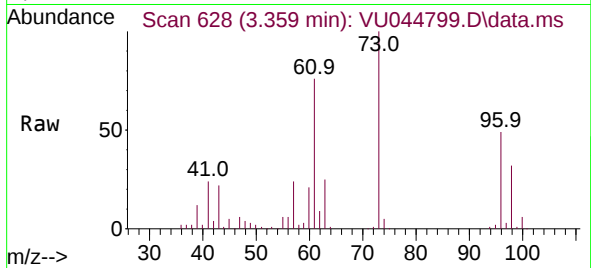




#17
trans-1,2-Dichloroethene
Concen: 50.776 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

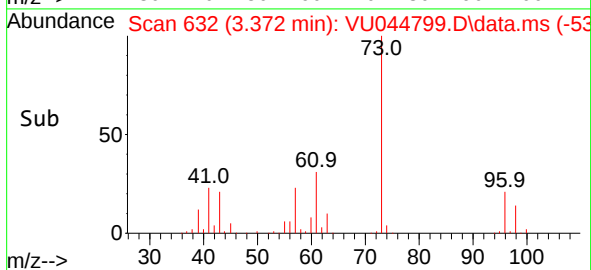
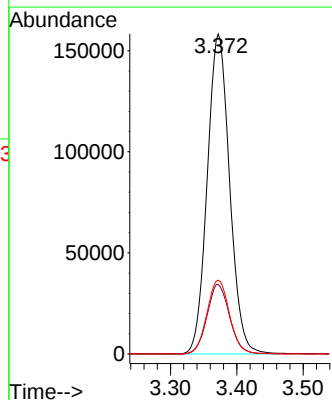
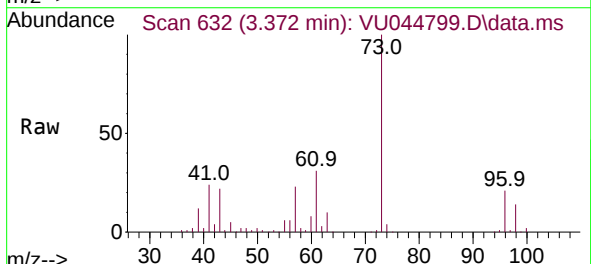
Instrument :
MSVOA_U
ClientSampled :

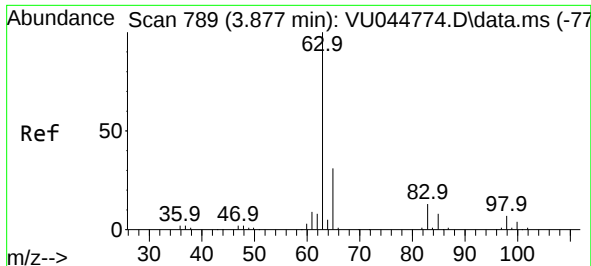
Tgt Ion: 96 Resp: 111071
Ion Ratio Lower Upper
96 100
61 153.4 105.1 195.3
98 64.4 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 51.448 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 73 Resp: 371086
Ion Ratio Lower Upper
73 100
43 21.9 17.3 25.9
57 23.2 18.7 28.1





#19

1,1-Dichloroethane

Concen: 50.326 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU044799.D

Acq: 24 Sep 2021 09:43

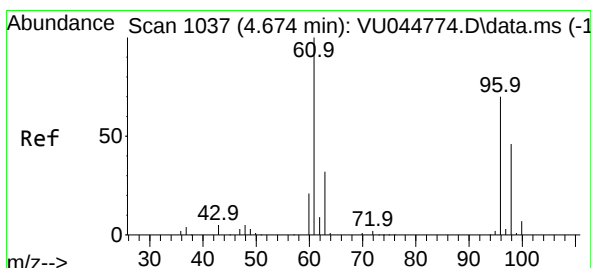
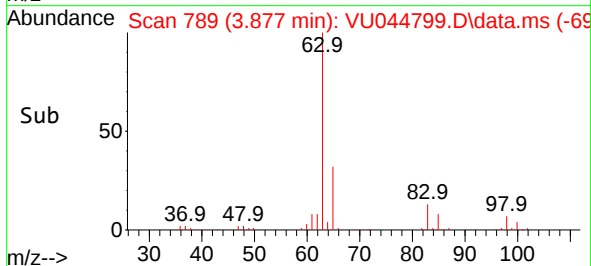
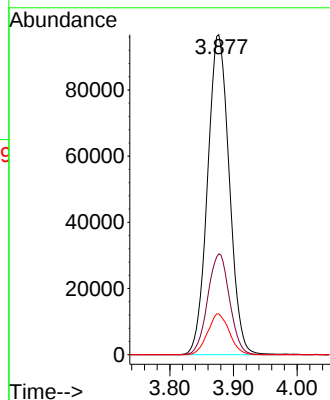
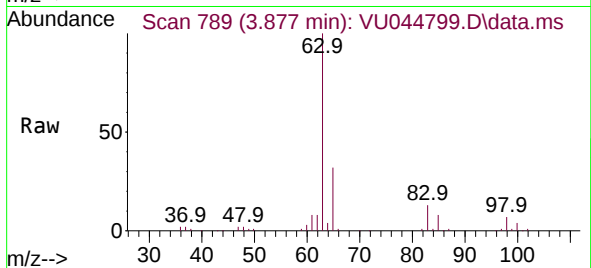
Tgt Ion: 63 Resp: 229023

Ion Ratio Lower Upper

63 100

65 31.5 22.0 40.8

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 51.841 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU044799.D

Acq: 24 Sep 2021 09:43

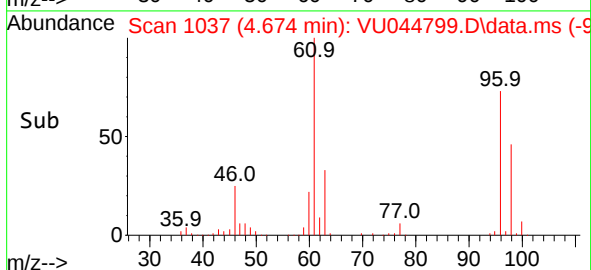
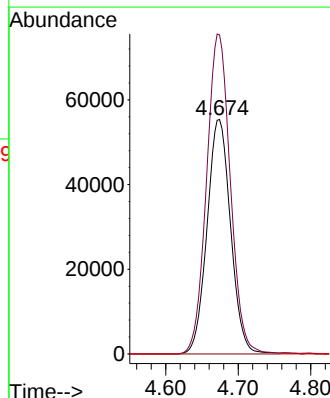
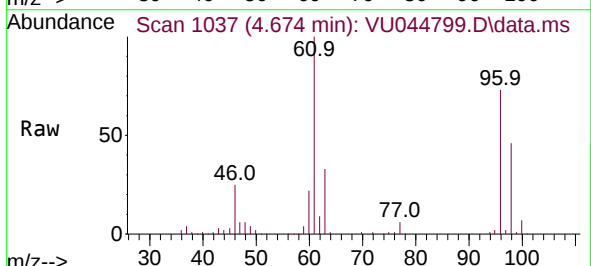
Tgt Ion: 96 Resp: 124958

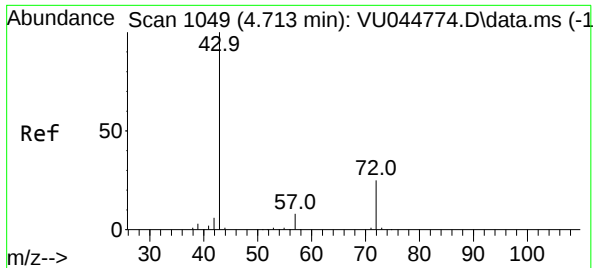
Ion Ratio Lower Upper

96 100

61 136.1 100.2 186.0

68 0.0 0.0 0.0

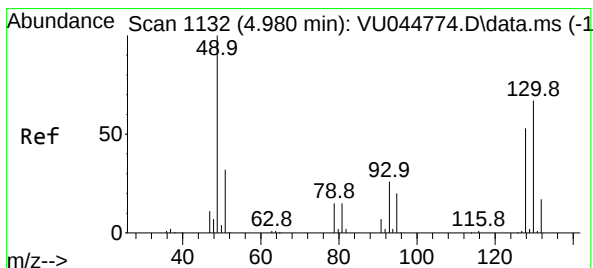
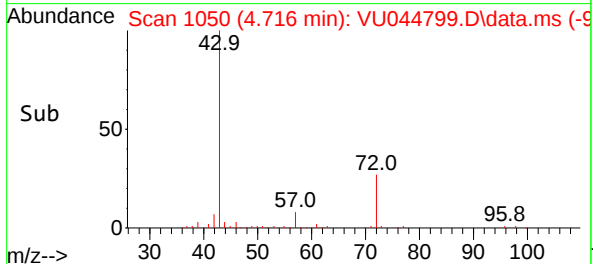
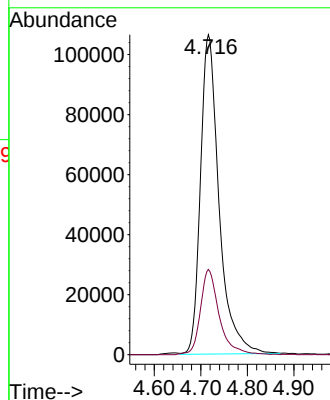
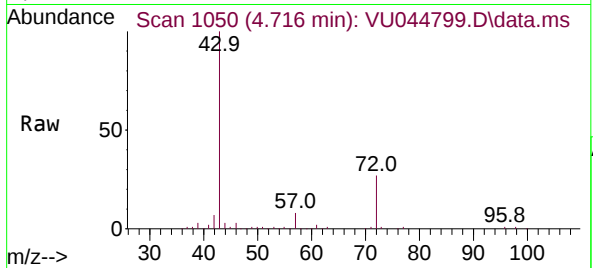




#22
2-Butanone
Concen: 98.532 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

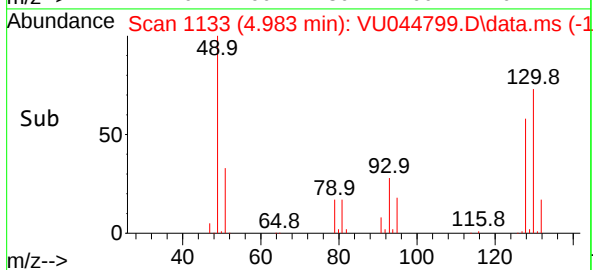
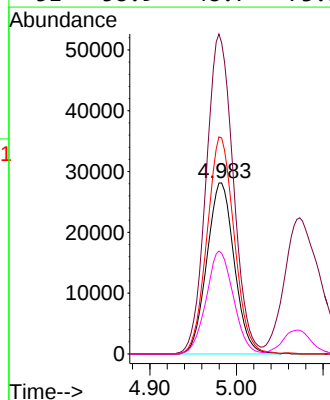
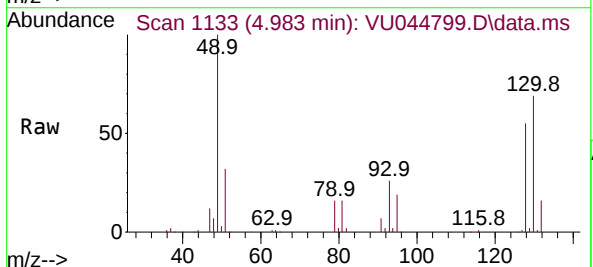
Instrument :
MSVOA_U
ClientSampled :

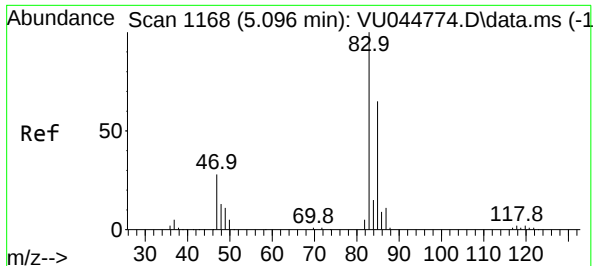
Tgt Ion: 43 Resp: 295839
Ion Ratio Lower Upper
43 100
72 26.7 13.3 39.9



#23
Bromochloromethane
Concen: 50.499 ug/L
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 128 Resp: 61707
Ion Ratio Lower Upper
128 100
49 182.0 132.9 246.7
130 126.3 88.2 163.8
51 58.9 48.7 73.1



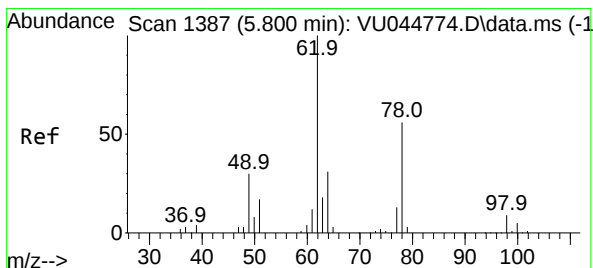
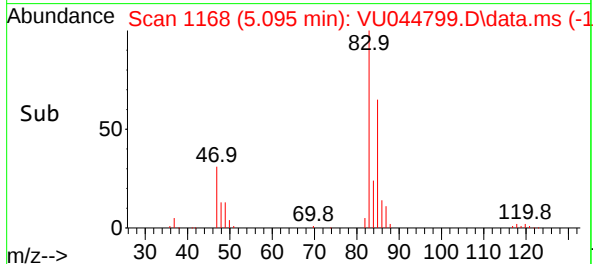
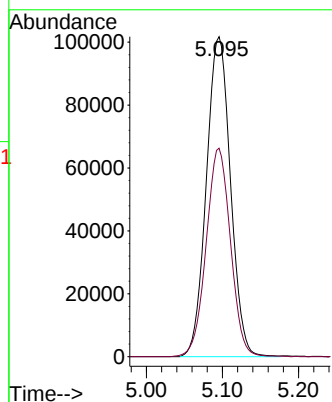
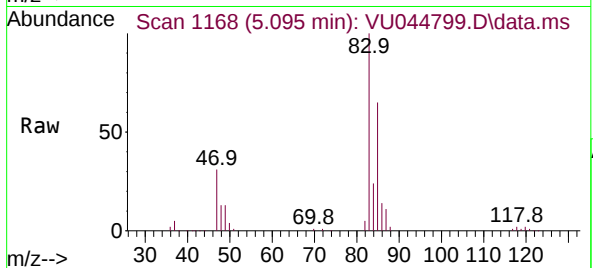


#25

Chloroform
Concen: 49.590 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :

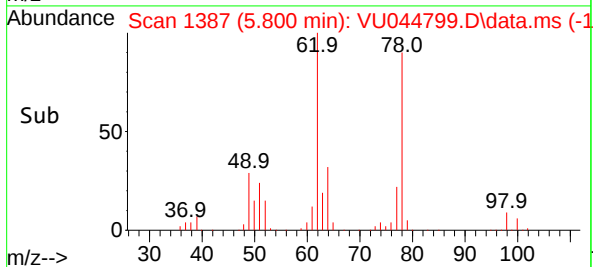
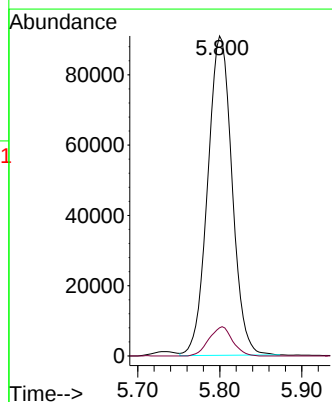
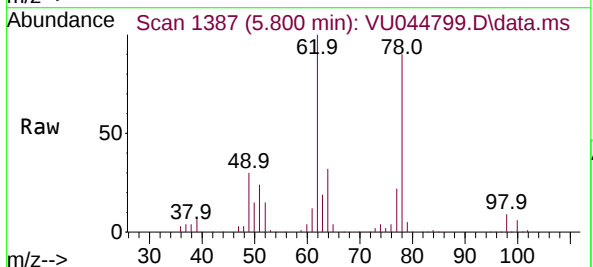
Tgt Ion: 83 Resp: 224349
Ion Ratio Lower Upper
83 100
85 65.2 45.6 84.6

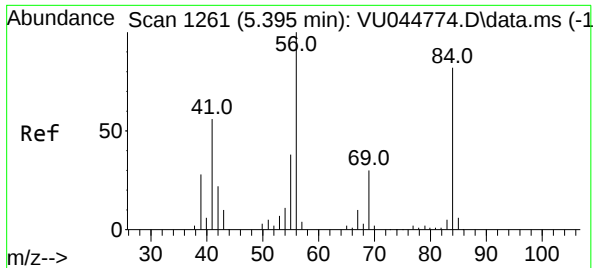


#27

1,2-Dichloroethane
Concen: 49.546 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 62 Resp: 187480
Ion Ratio Lower Upper
62 100
98 8.8 7.1 10.7





#29

Cyclohexane

Concen: 53.420 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU044799.D

Acq: 24 Sep 2021 09:43

Tgt Ion: 56 Resp: 208603

Ion Ratio Lower Upper

56 100

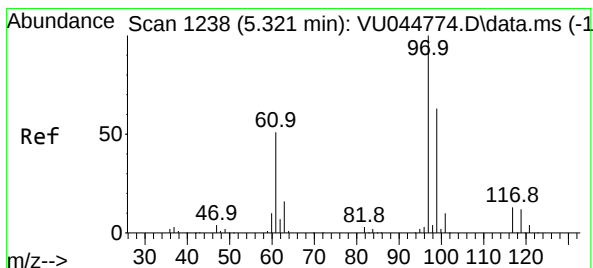
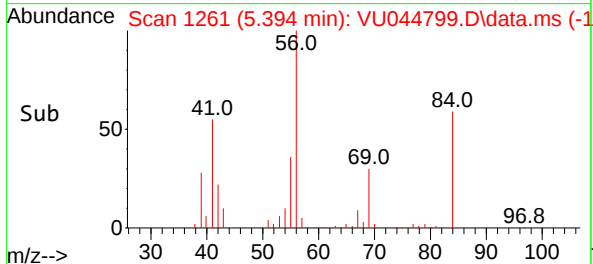
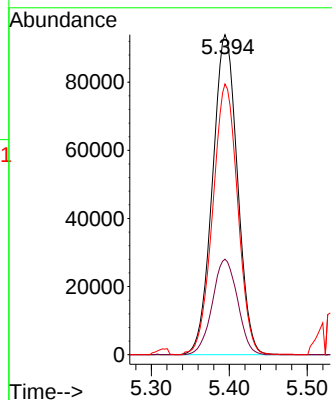
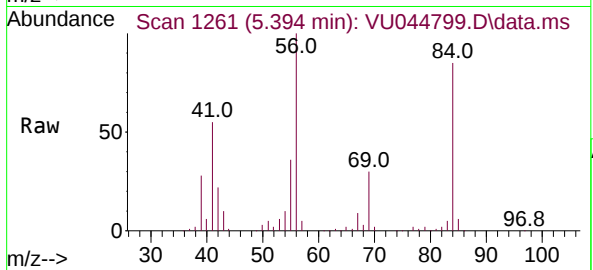
69 30.1 23.8 35.8

84 84.7 66.8 100.2

Instrument :

MSVOA_U

ClientSampled :



#30

1,1,1-Trichloroethane

Concen: 51.111 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. 0.003 min

Lab File: VU044799.D

Acq: 24 Sep 2021 09:43

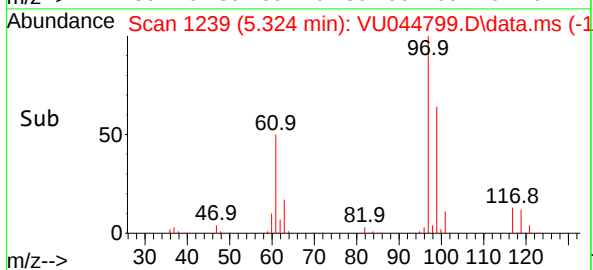
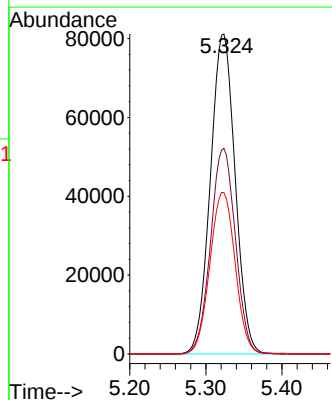
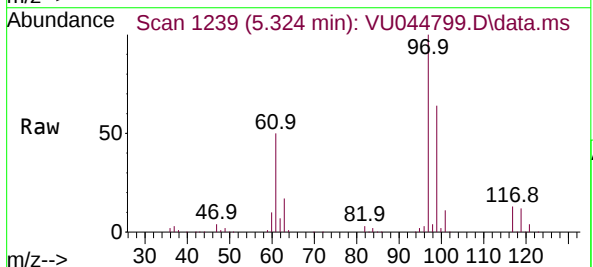
Tgt Ion: 97 Resp: 183804

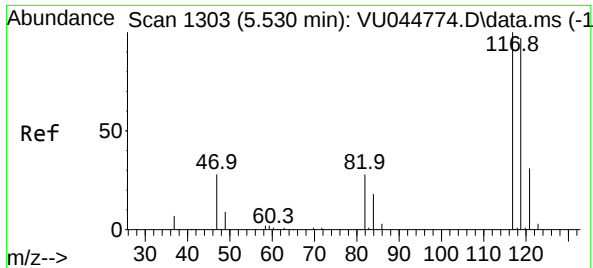
Ion Ratio Lower Upper

97 100

99 64.3 50.6 75.8

61 51.6 41.3 61.9

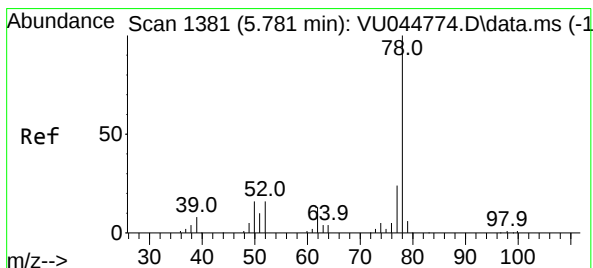
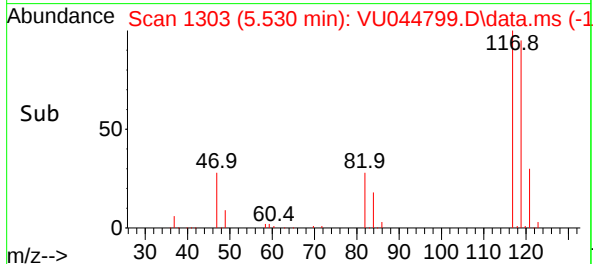
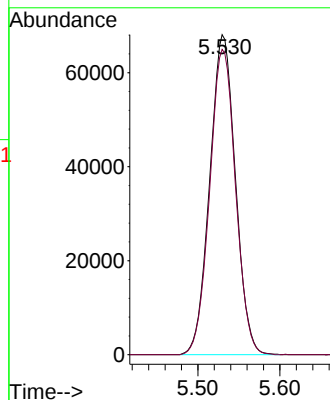
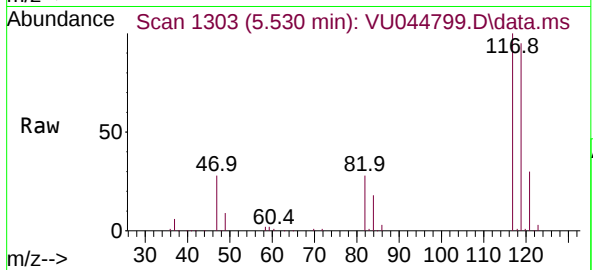




#31
Carbon tetrachloride
Concen: 52.146 ug/L
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

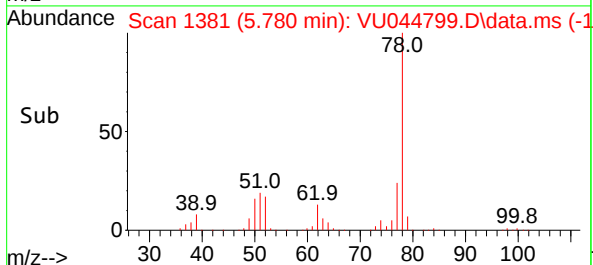
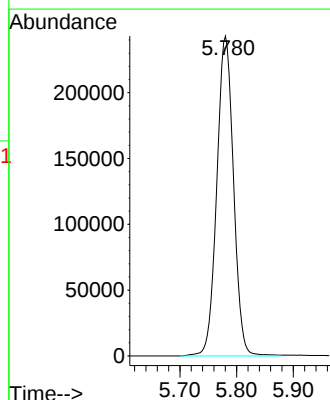
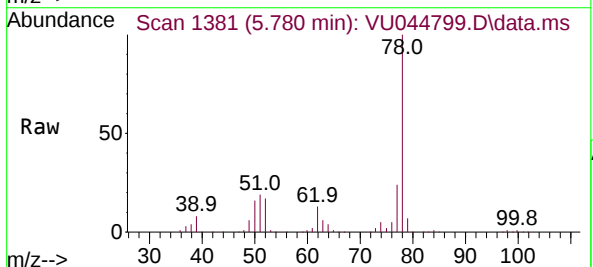
Instrument :
MSVOA_U
ClientSampled :

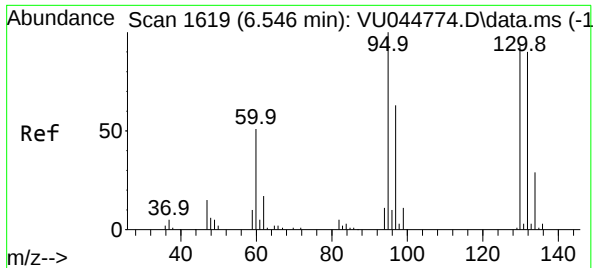
Tgt Ion:117 Resp: 148113
Ion Ratio Lower Upper
117 100
119 96.0 77.7 116.5



#33
Benzene
Concen: 51.655 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 78 Resp: 497720

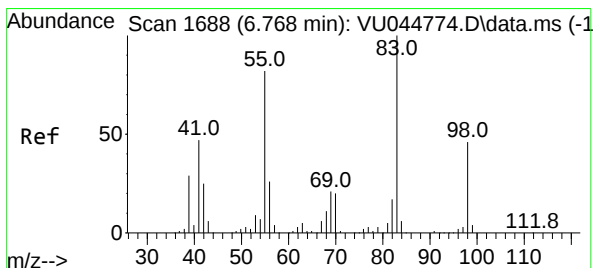
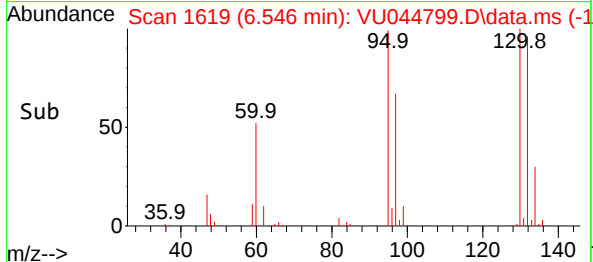
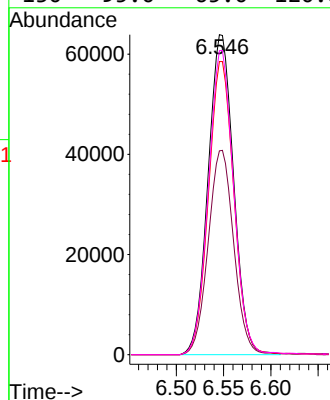
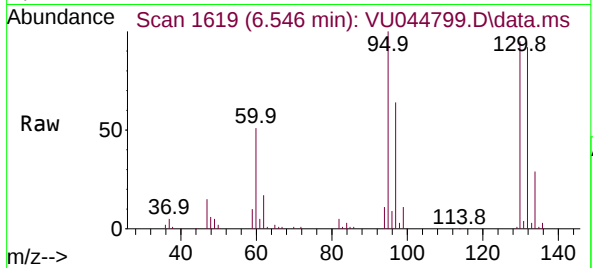




#34
Trichloroethene
Concen: 51.810 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

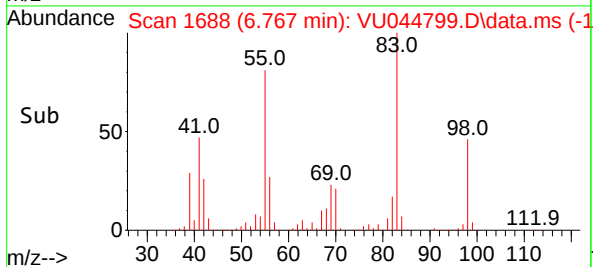
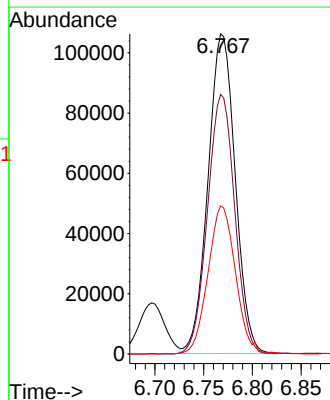
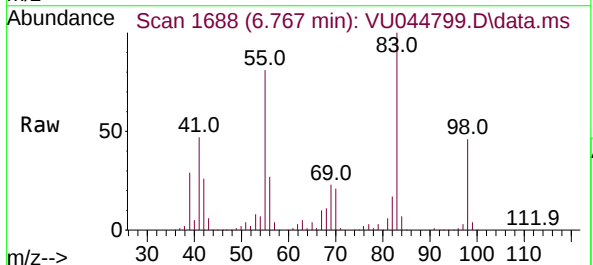
Instrument :
MSVOA_U
ClientSampled :

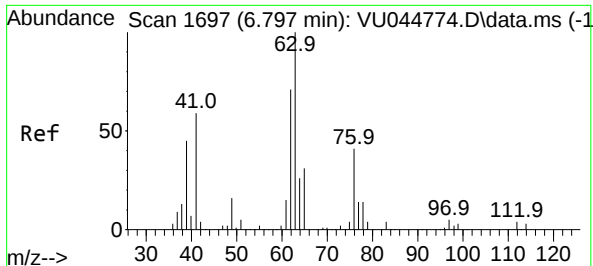
Tgt Ion: 95 Resp: 119906
Ion Ratio Lower Upper
95 100
97 63.7 44.4 82.4
132 91.6 62.9 116.9
130 95.0 65.0 120.8



#35
Methylcyclohexane
Concen: 53.266 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 83 Resp: 206391
Ion Ratio Lower Upper
83 100
55 81.4 65.8 98.6
98 46.5 37.1 55.7



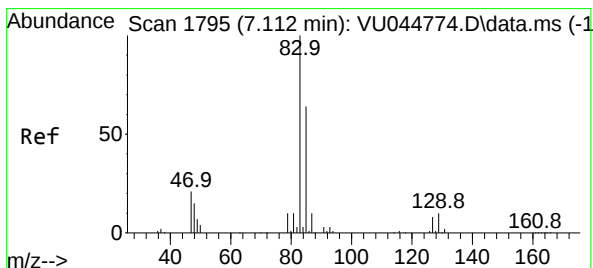
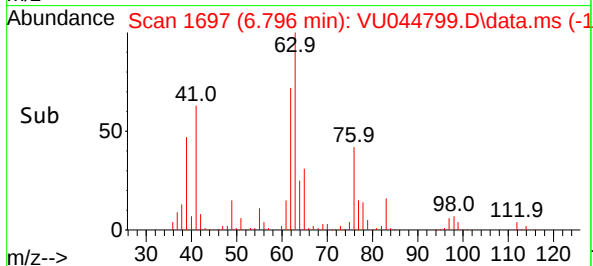
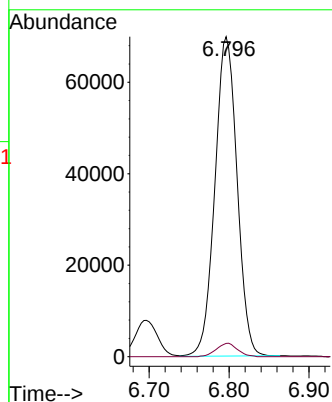
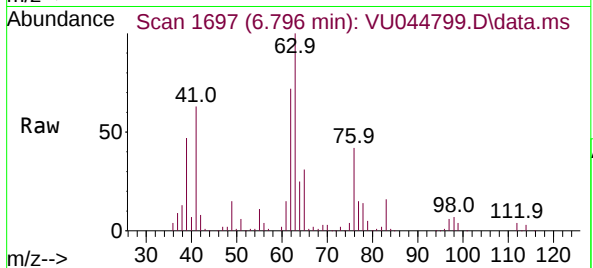


#37

1,2-Dichloropropane
Concen: 51.169 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :

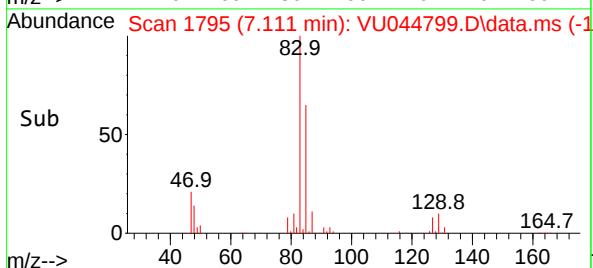
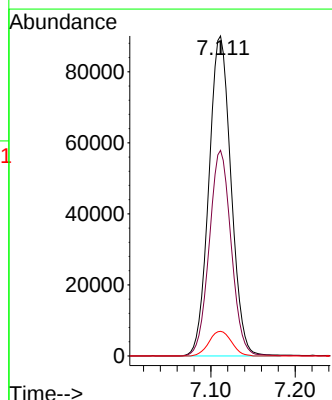
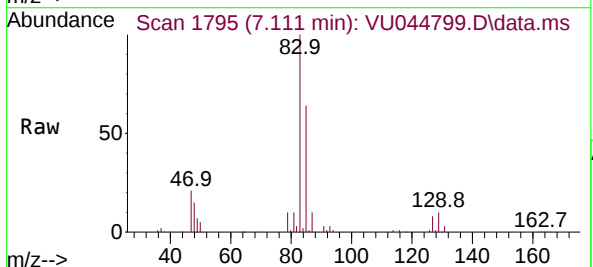
Tgt Ion: 63 Resp: 134240
Ion Ratio Lower Upper
63 100
112 4.0 3.2 4.8

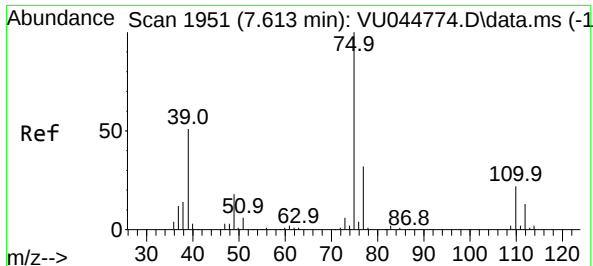


#38

Bromodichloromethane
Concen: 51.246 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 83 Resp: 164796
Ion Ratio Lower Upper
83 100
85 64.3 44.6 82.8
127 7.7 6.2 9.2



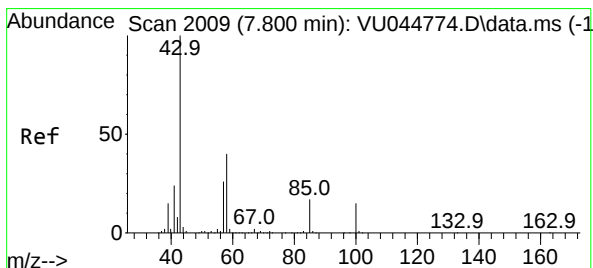
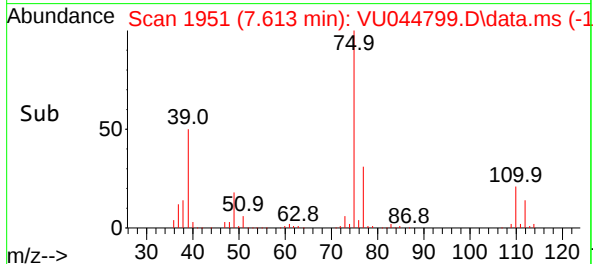
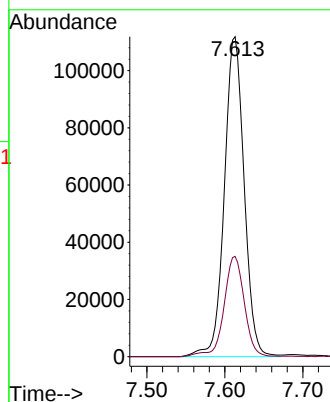
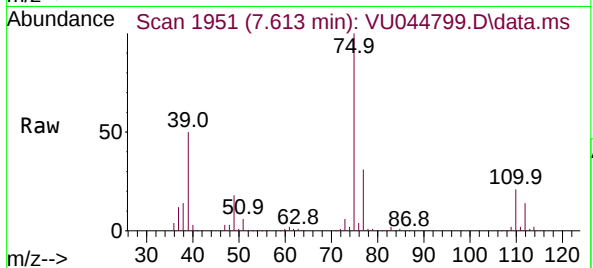


#39

cis-1,3-Dichloropropene
Concen: 52.702 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Instrument :
MSVOA_U
ClientSampleId :

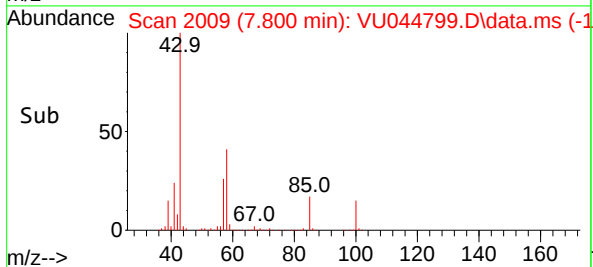
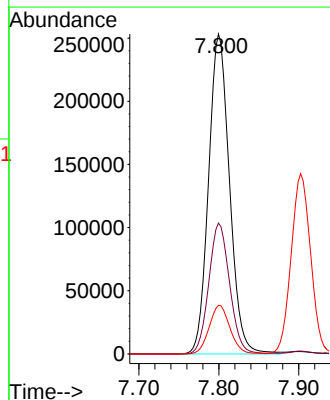
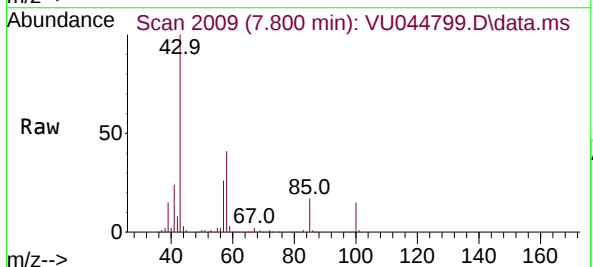
Tgt Ion: 75 Resp: 197829
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6

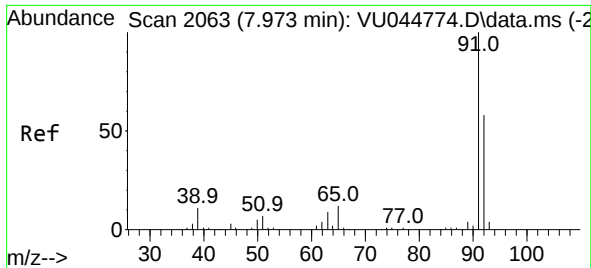


#40

4-Methyl-2-pentanone
Concen: 105.113 ug/L
RT: 7.800 min Scan# 2009
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 43 Resp: 460649
Ion Ratio Lower Upper
43 100
58 40.6 31.8 47.8
100 15.2 11.8 17.6

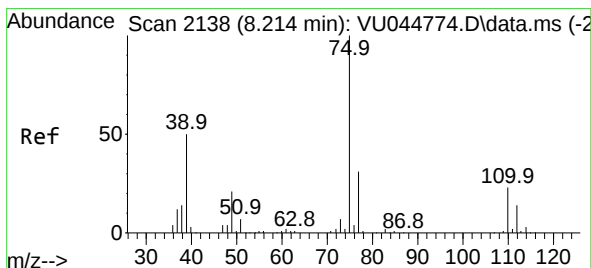
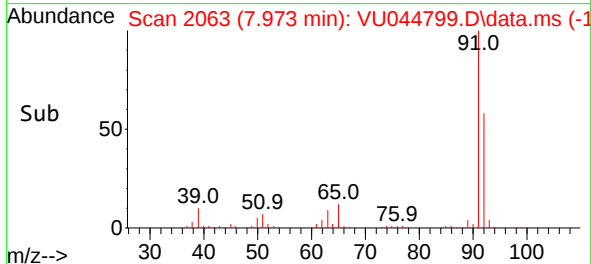
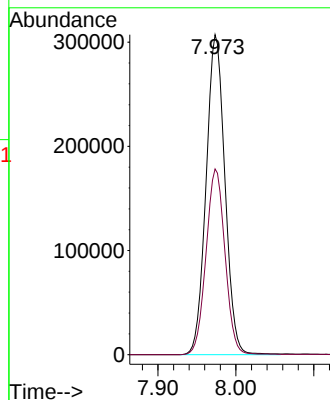
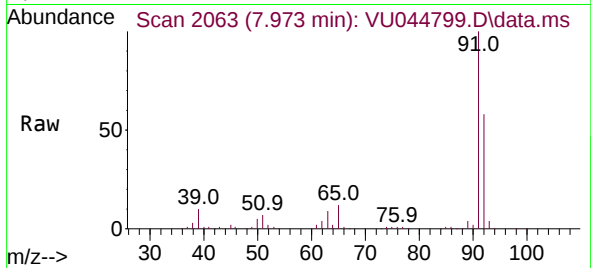




#42
Toluene
Concen: 52.778 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

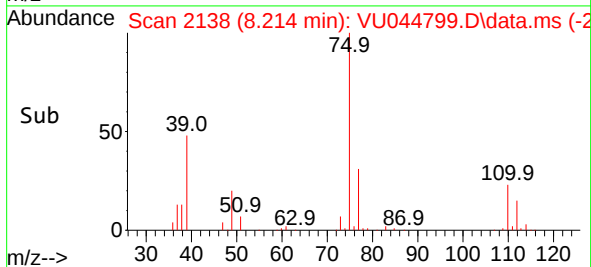
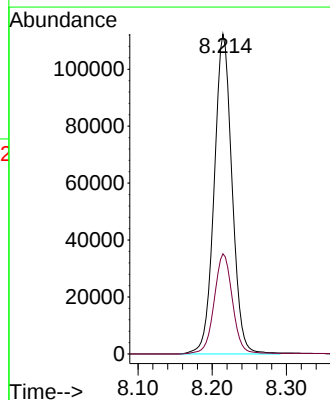
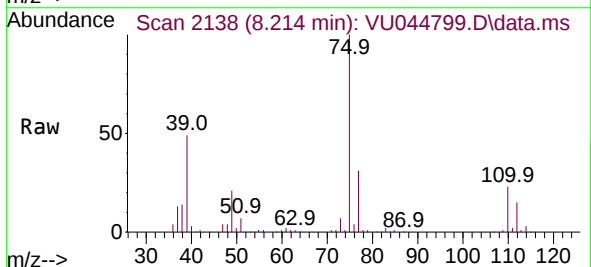
Instrument :
MSVOA_U
ClientSampled :

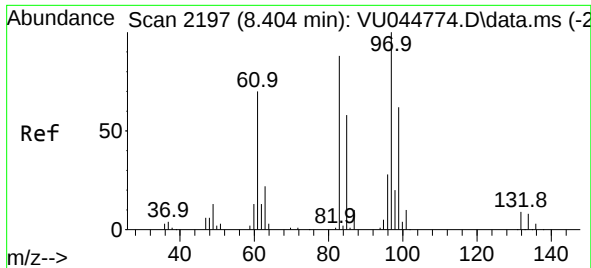
Tgt Ion: 91 Resp: 516705
Ion Ratio Lower Upper
91 100
92 58.0 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 52.698 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 75 Resp: 188096
Ion Ratio Lower Upper
75 100
77 31.3 21.7 40.3

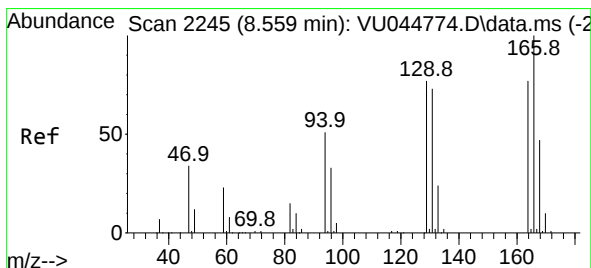
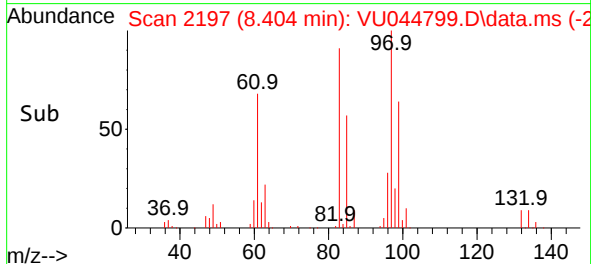
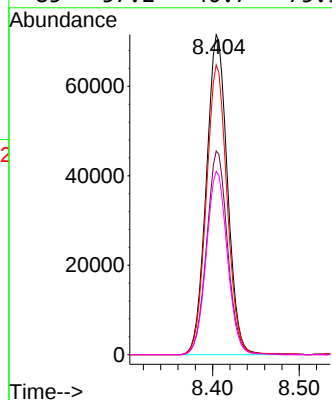
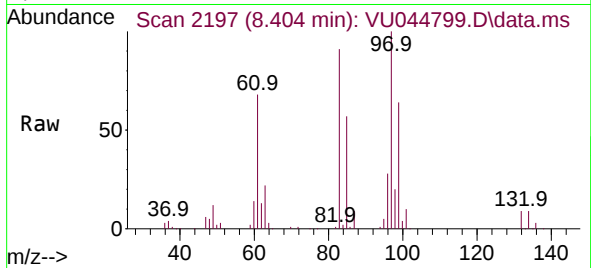




#45
1,1,2-Trichloroethane
Concen: 50.951 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

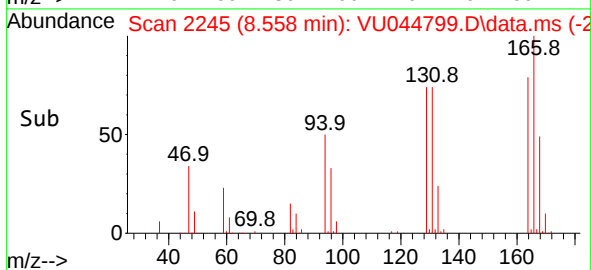
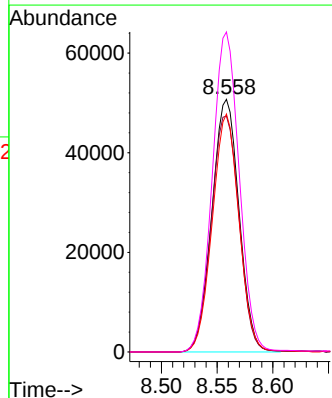
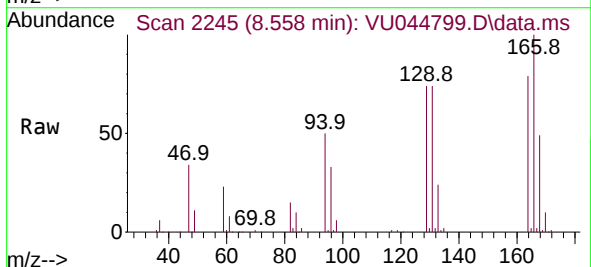
Instrument :
MSVOA_U
ClientSampleId :

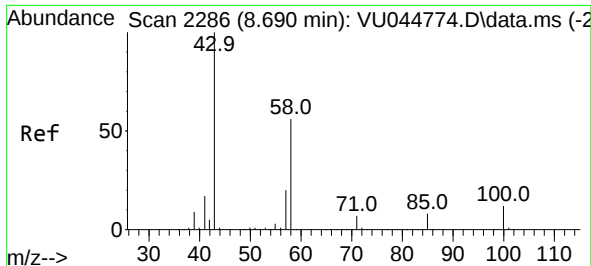
Tgt Ion:	97	Resp:	121135
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.7	81.1
83	90.6	61.9	115.1
85	57.2	40.7	75.5



#46
Tetrachloroethene
Concen: 52.131 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:	164	Resp:	86235
Ion	Ratio	Lower	Upper
164	100		
129	93.3	69.8	129.6
131	94.1	66.4	123.2
166	126.6	91.1	169.3

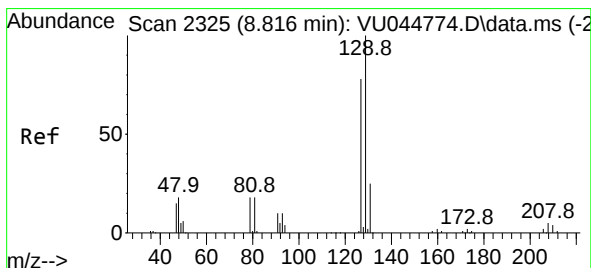
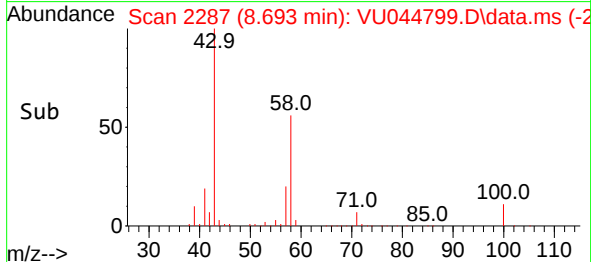
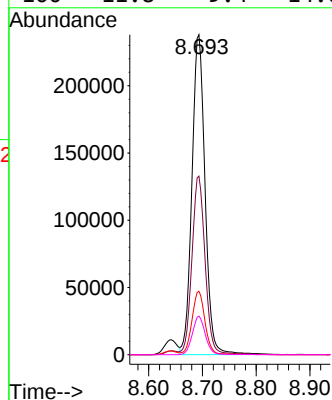
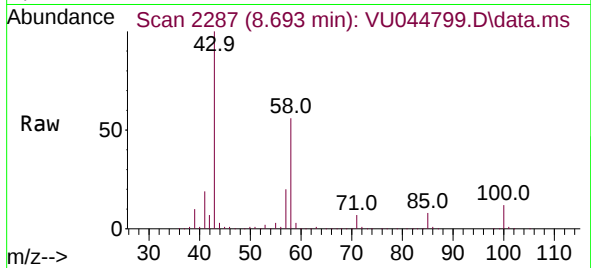




#48
2-Hexanone
Concen: 104.035 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. 0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

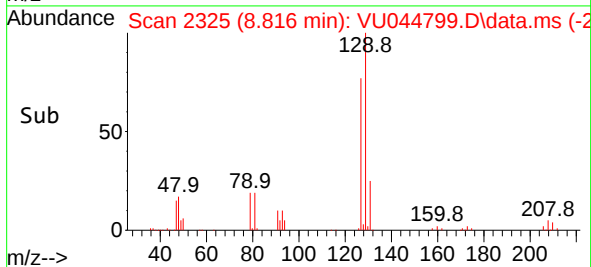
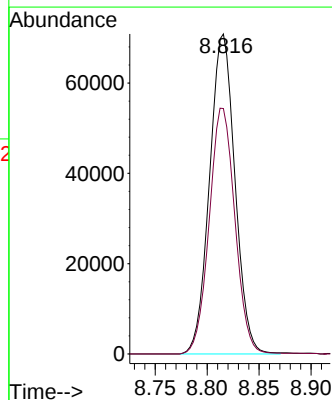
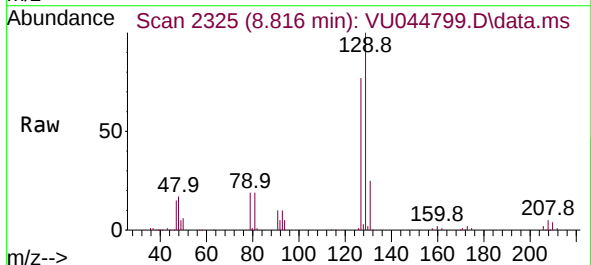
Instrument :
MSVOA_U
ClientSampleId :

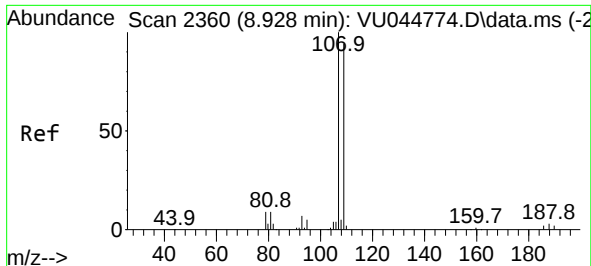
Tgt Ion: 43 Resp: 404300
Ion Ratio Lower Upper
43 100
58 55.0 44.9 67.3
57 19.4 15.5 23.3
100 11.8 9.4 14.0



#49
Dibromochloromethane
Concen: 51.295 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:129 Resp: 120611
Ion Ratio Lower Upper
129 100
127 76.7 54.3 100.8

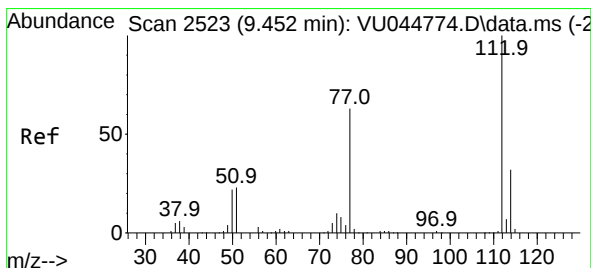
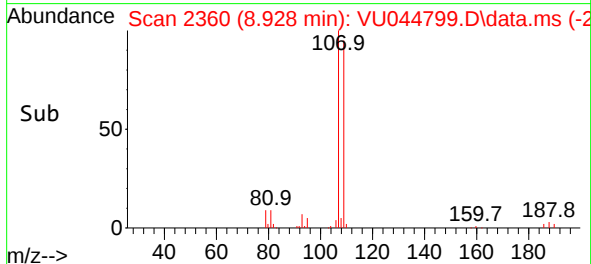
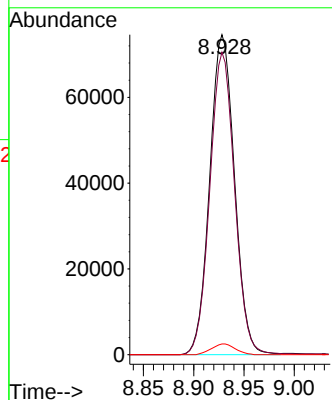
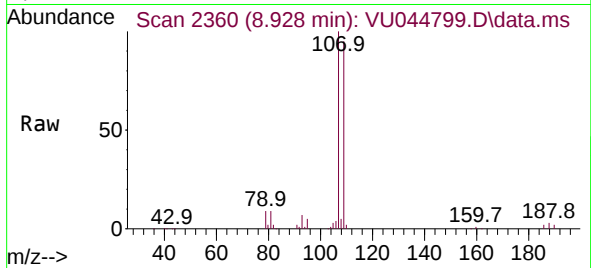




#50
1,2-Dibromoethane
Concen: 51.385 ug/L
RT: 8.928 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

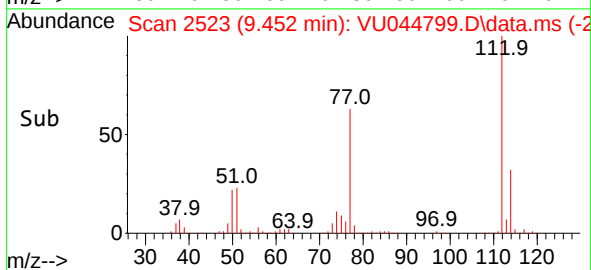
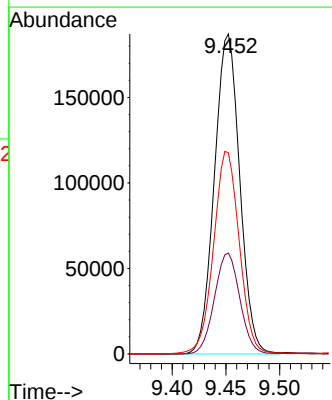
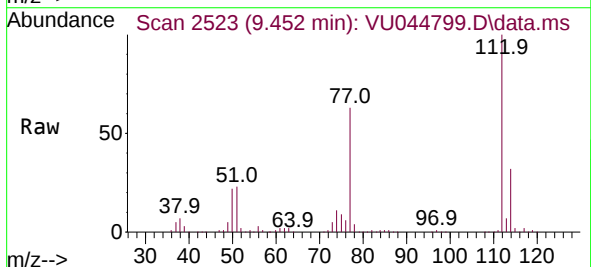
Instrument :
MSVOA_U
ClientSampleId :

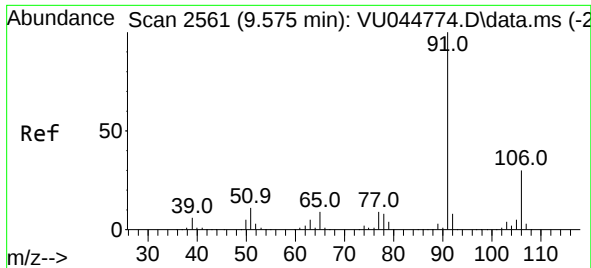
Tgt Ion:107 Resp: 127909
Ion Ratio Lower Upper
107 100
109 94.5 65.5 121.6
188 3.4 2.6 3.8



#51
Chlorobenzene
Concen: 50.807 ug/L
RT: 9.452 min Scan# 2523
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:112 Resp: 307076
Ion Ratio Lower Upper
112 100
114 31.5 22.5 41.9
77 62.9 50.6 75.8

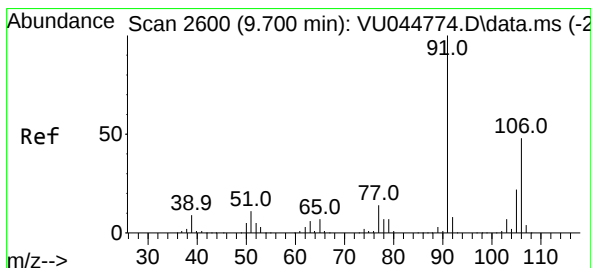
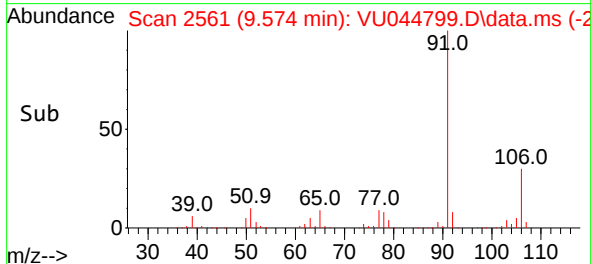
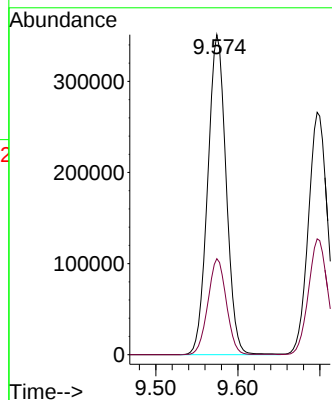
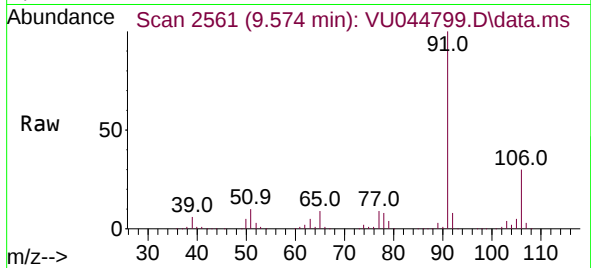




#52
Ethylbenzene
Concen: 52.948 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

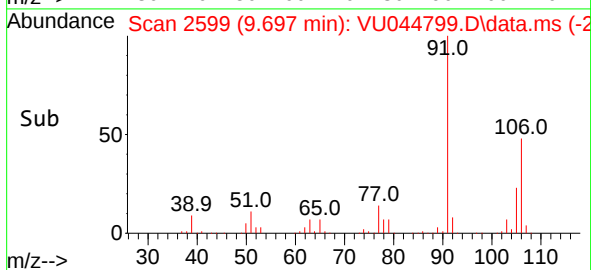
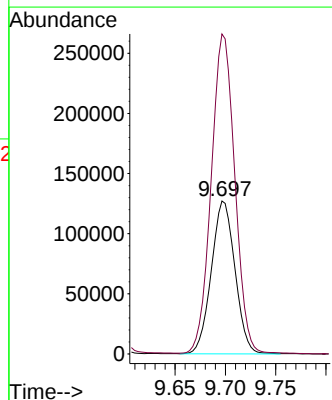
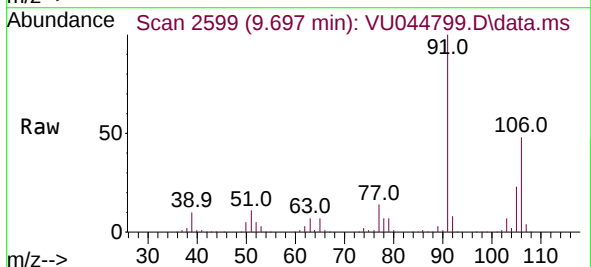
Instrument :
MSVOA_U
ClientSampled :

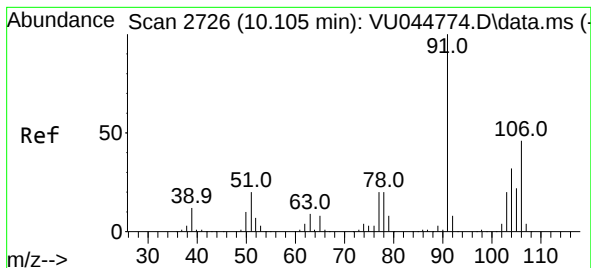
Tgt Ion: 91 Resp: 547601
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 52.942 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:106 Resp: 207423
Ion Ratio Lower Upper
106 100
91 209.2 146.7 272.4





#54

o-xylene

Concen: 53.616 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044799.D

Acq: 24 Sep 2021 09:43

Tgt Ion:106 Resp: 206419

Ion Ratio Lower Upper

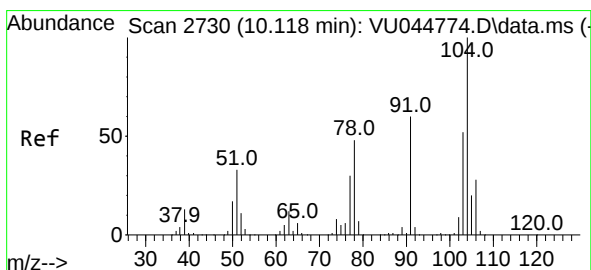
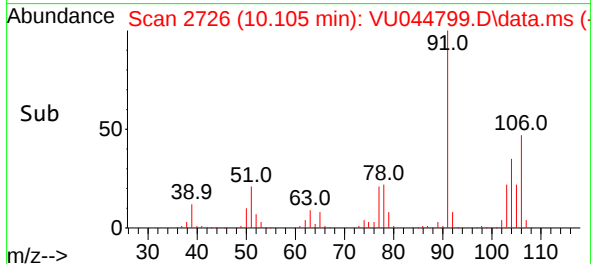
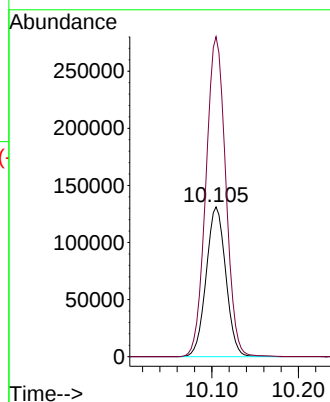
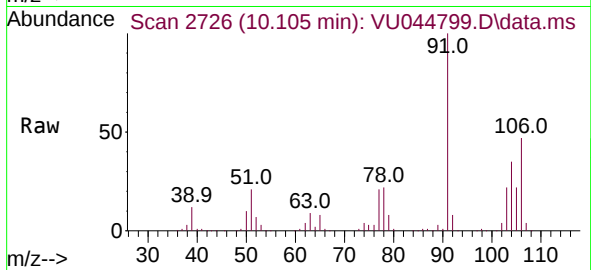
106 100

91 213.6 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 54.217 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044799.D

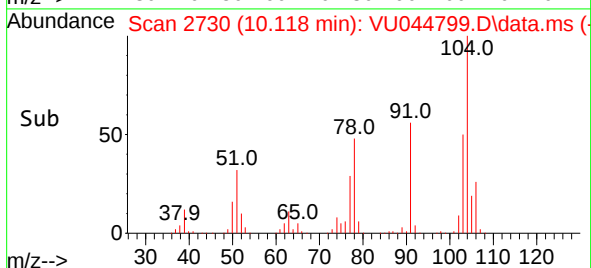
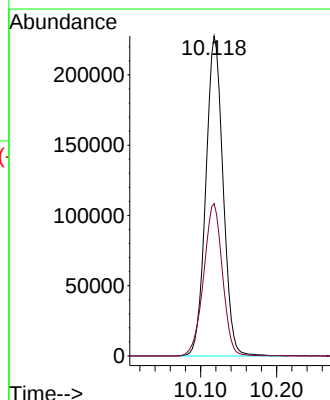
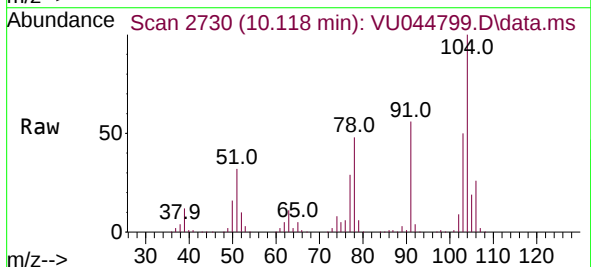
Acq: 24 Sep 2021 09:43

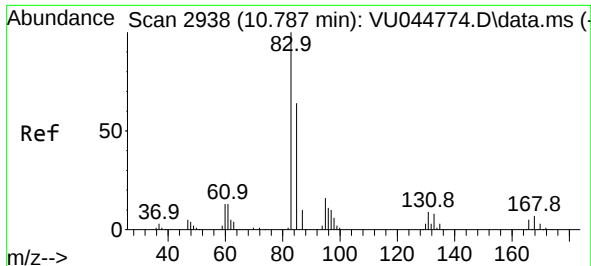
Tgt Ion:104 Resp: 358961

Ion Ratio Lower Upper

104 100

78 47.7 33.3 61.9

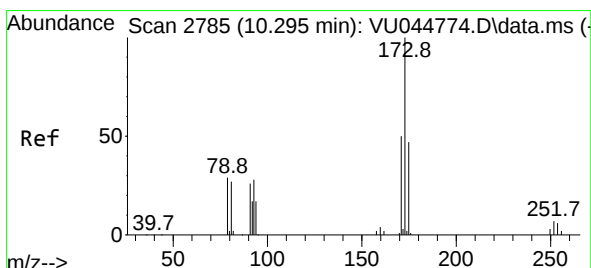
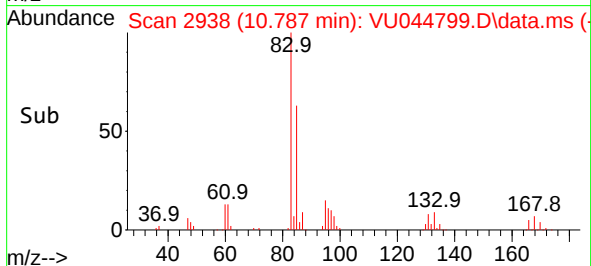
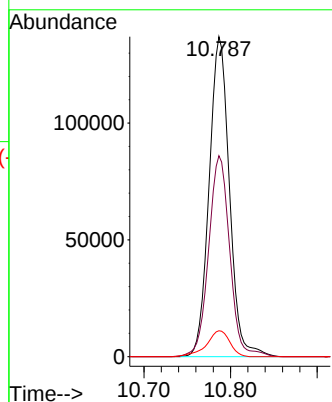
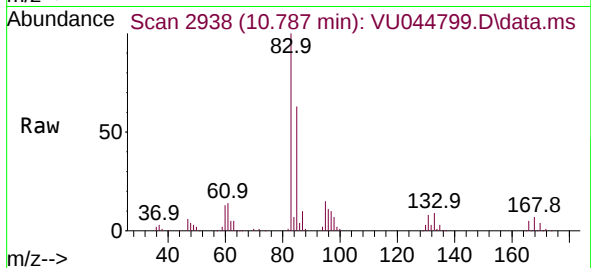




#57
1,1,2,2-Tetrachloroethane
Concen: 48.995 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

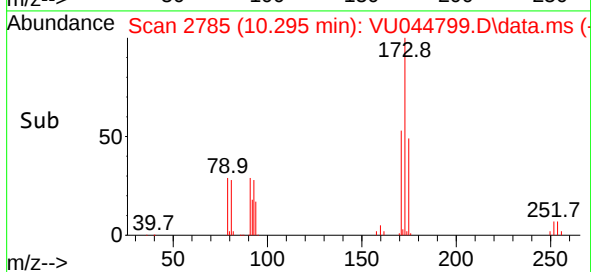
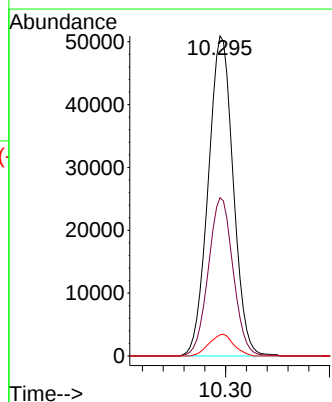
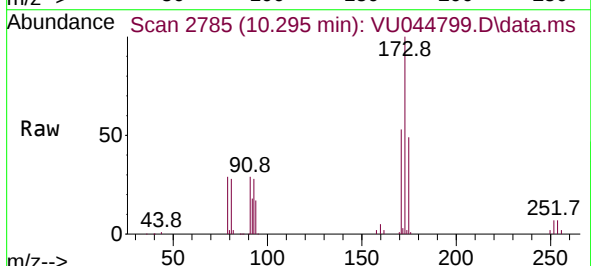
Instrument :
MSVOA_U
ClientSampled :

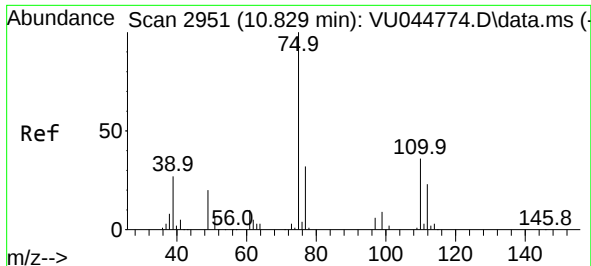
Tgt Ion: 83 Resp: 223041
Ion Ratio Lower Upper
83 100
85 62.8 45.1 83.7
131 8.1 6.9 10.3



#59
Bromoform
Concen: 51.664 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:173 Resp: 85042
Ion Ratio Lower Upper
173 100
175 49.0 38.4 57.6
254 6.6 5.3 7.9

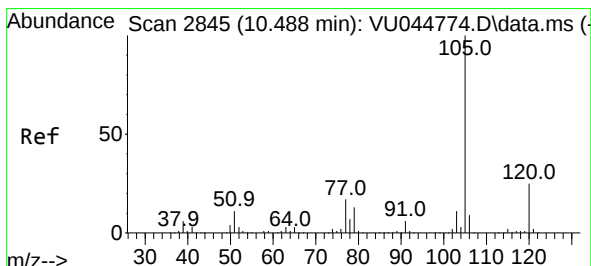
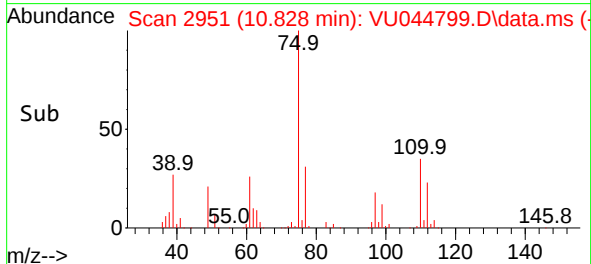
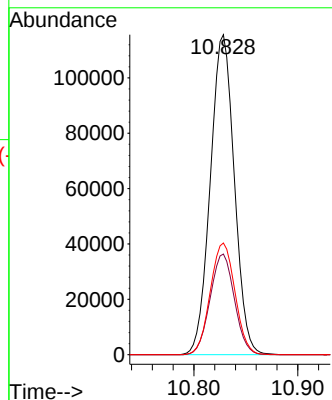
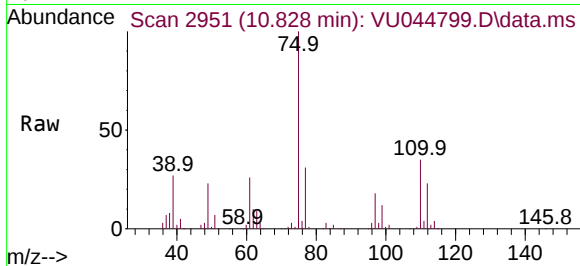




#60
1,2,3-Trichloropropane
Concen: 50.512 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

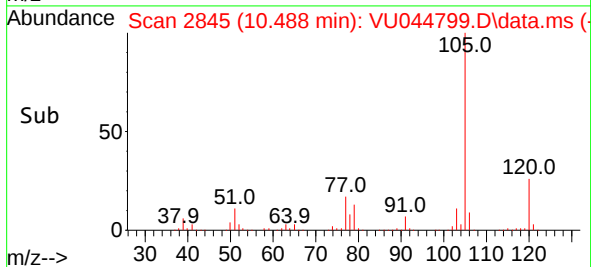
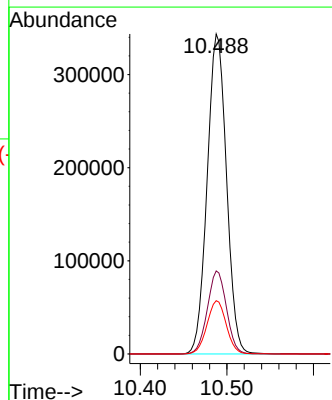
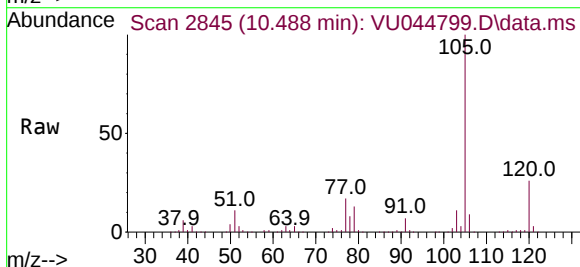
Instrument :
MSVOA_U
ClientSampleId :

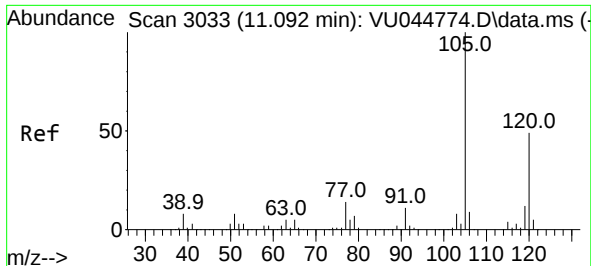
Tgt Ion: 75 Resp: 185426
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
110 36.0 29.0 43.4



#61
Isopropylbenzene
Concen: 54.769 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion: 105 Resp: 531989
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7
77 16.6 13.5 20.3

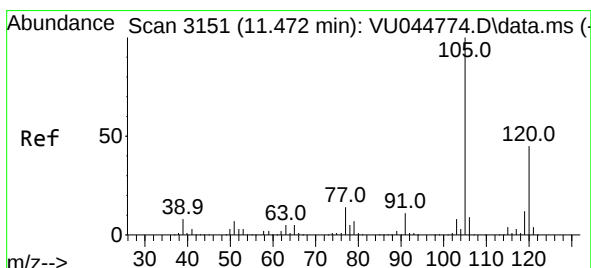
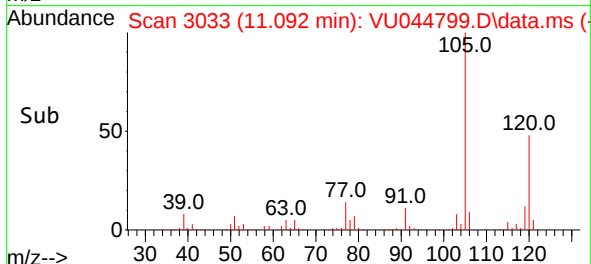
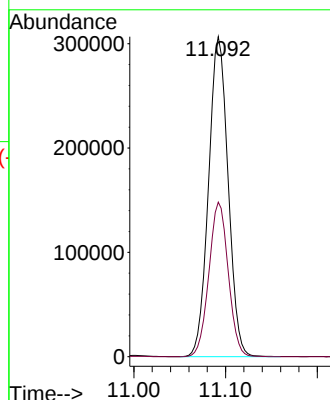
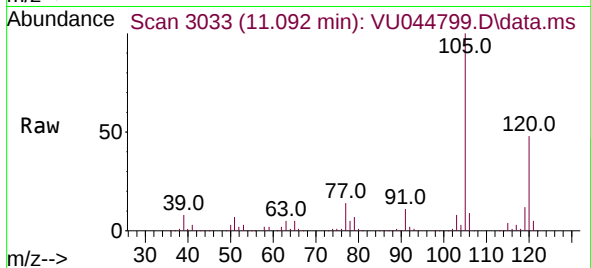




#62
1,3,5-Trimethylbenzene
Concen: 55.950 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

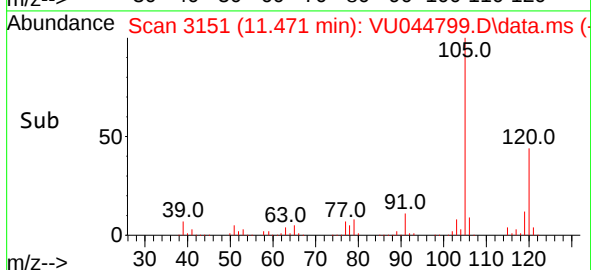
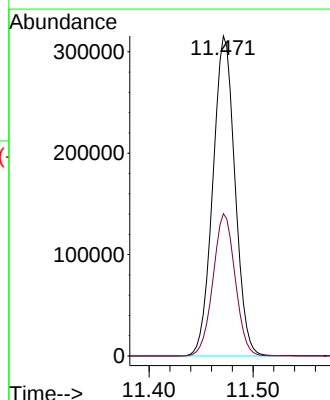
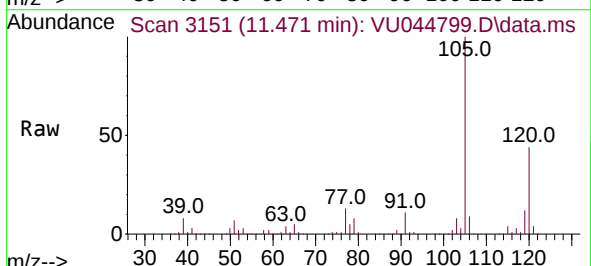
Instrument :
MSVOA_U
ClientSampleId :

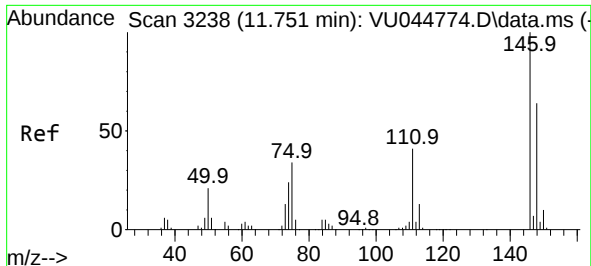
Tgt Ion:105 Resp: 453865
Ion Ratio Lower Upper
105 100
120 47.8 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 56.184 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:105 Resp: 466705
Ion Ratio Lower Upper
105 100
120 44.5 35.7 53.5

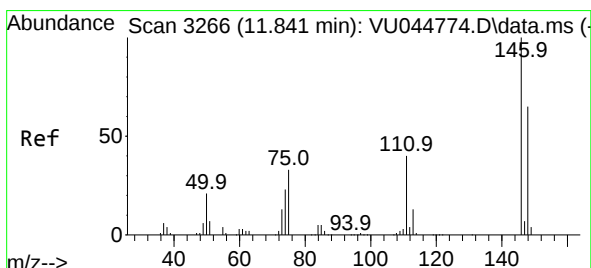
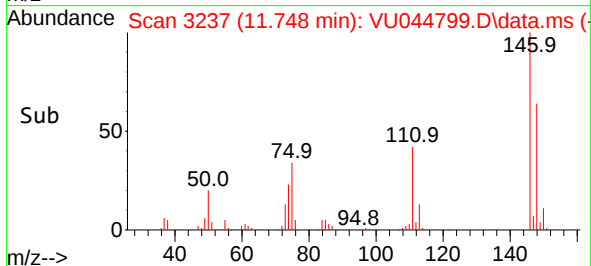
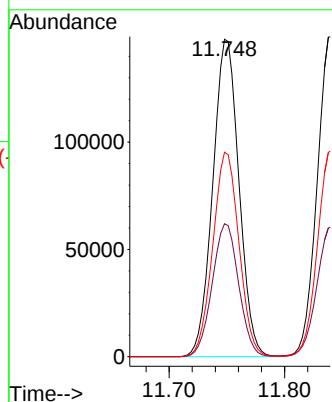
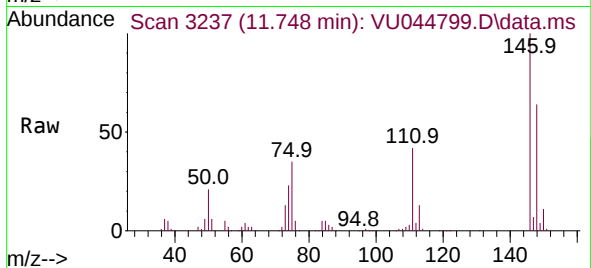




#64
1,3-Dichlorobenzene
Concen: 51.933 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

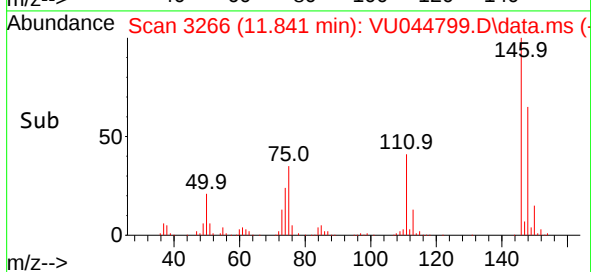
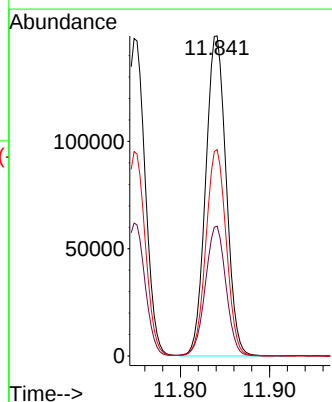
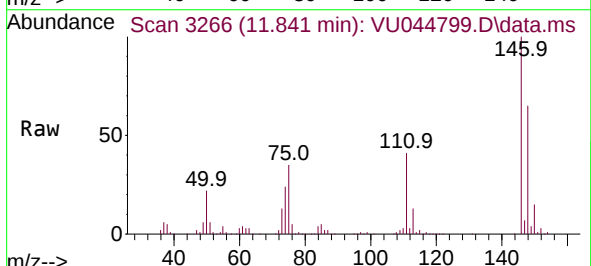
Instrument :
MSVOA_U
ClientSampleId :

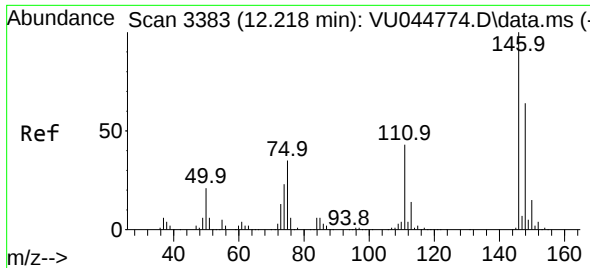
Tgt Ion:146 Resp: 233119
Ion Ratio Lower Upper
146 100
111 41.9 29.0 53.8
148 64.4 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 51.812 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:146 Resp: 238626
Ion Ratio Lower Upper
146 100
111 40.5 28.5 52.9
148 64.5 45.5 84.5

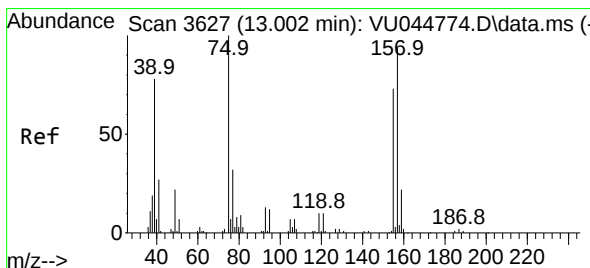
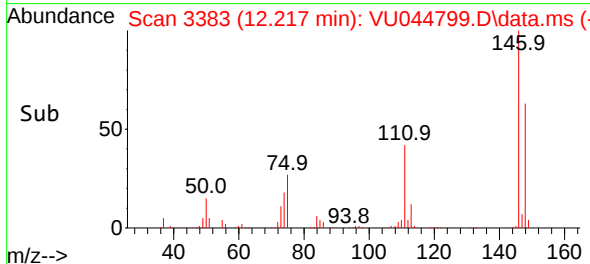
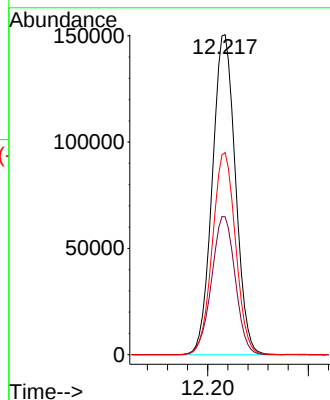
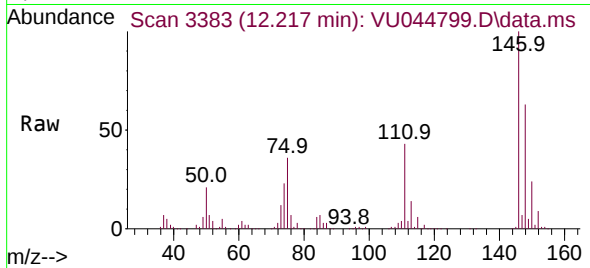




#67
1,2-Dichlorobenzene
Concen: 52.126 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

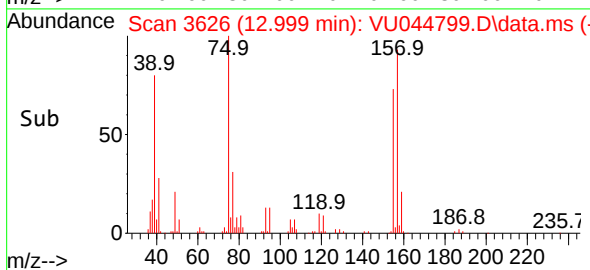
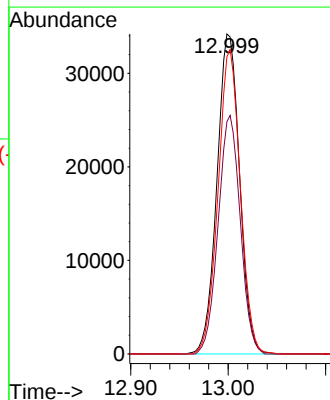
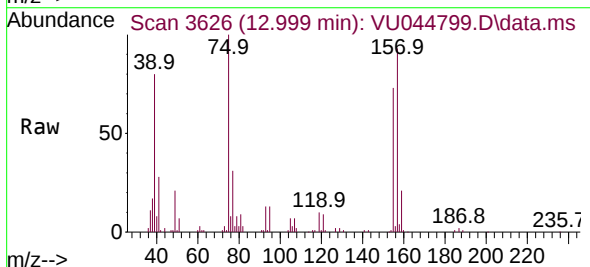
Instrument :
MSVOA_U
ClientSampleId :

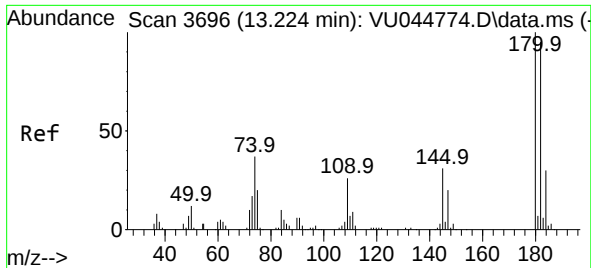
Tgt Ion:146 Resp: 240207
Ion Ratio Lower Upper
146 100
111 43.1 34.7 52.1
148 63.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 52.297 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

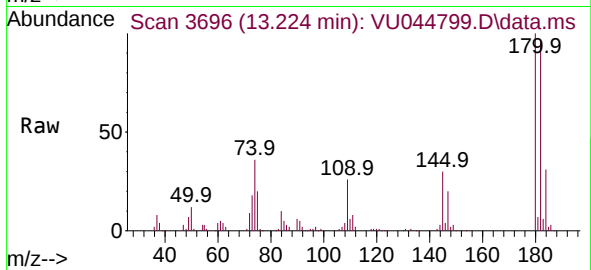
Tgt Ion: 75 Resp: 55170
Ion Ratio Lower Upper
75 100
155 72.6 58.5 87.7
157 96.7 77.7 116.5





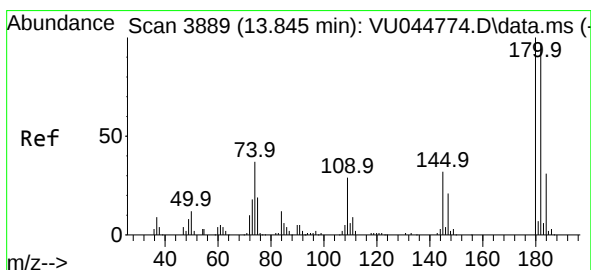
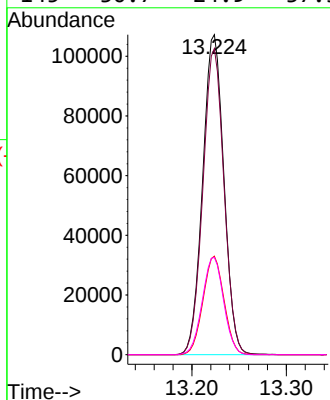
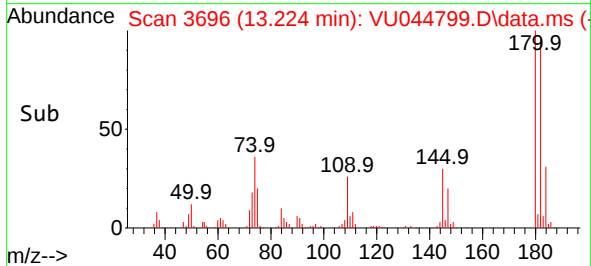
#69
 1,3,5-Trichlorobenzene
 Concen: 53.627 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43

Instrument :
 MSVOA_U
 ClientSampled :

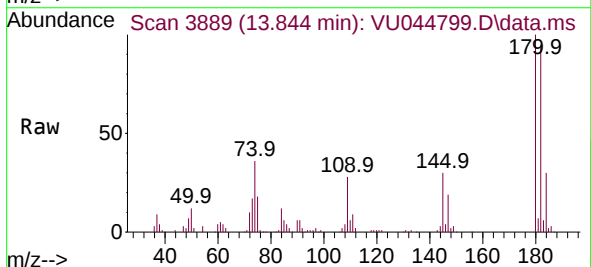


Tgt Ion:180 Resp: 167060

Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.8	115.2
184	30.5	24.4	36.6
145	30.7	24.9	37.3

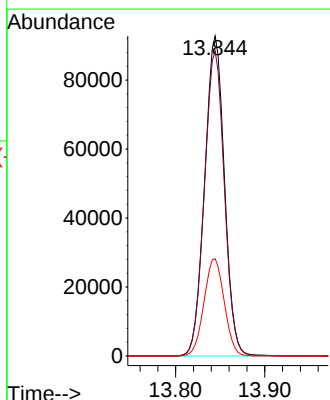
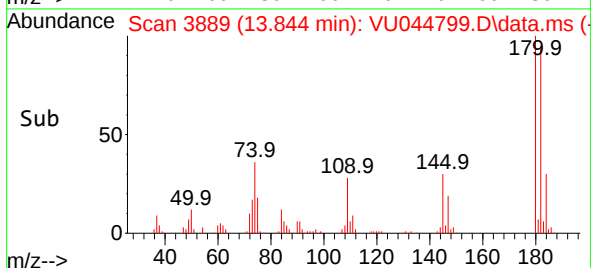


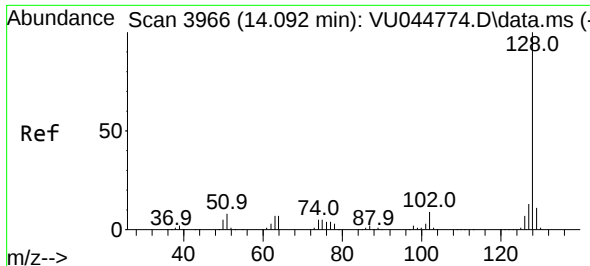
#70
 1,2,4-trichlorobenzene
 Concen: 55.348 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044799.D
 Acq: 24 Sep 2021 09:43



Tgt Ion:180 Resp: 143279

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.2	114.2
145	31.0	25.4	38.0

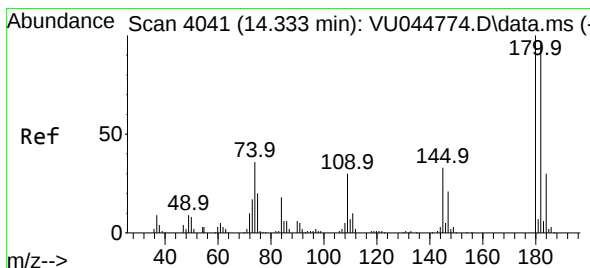
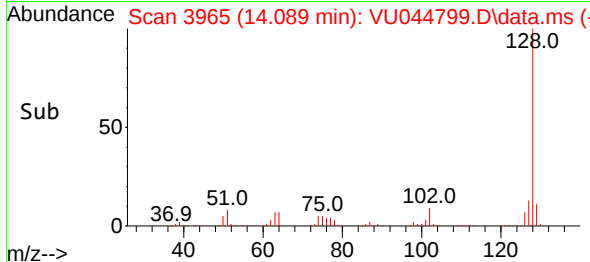
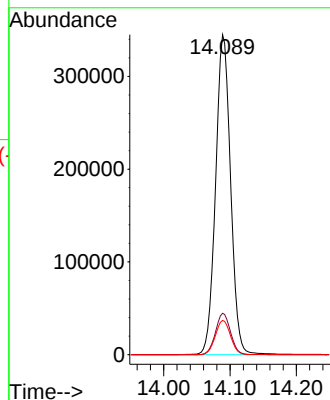
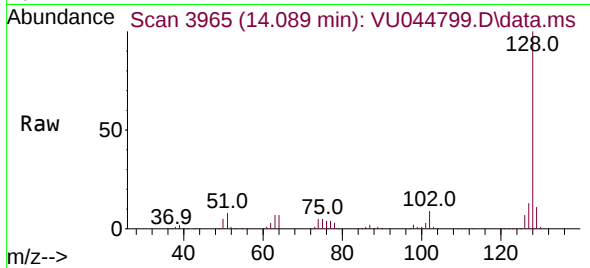




#71
Naphthalene
Concen: 60.402 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 541850
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 56.596 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044799.D
Acq: 24 Sep 2021 09:43

Tgt Ion:180 Resp: 149901
Ion Ratio Lower Upper
180 100
182 93.7 76.8 115.2
145 32.5 26.5 39.7

