

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044795.D
 Acq On : 23 Sep 2021 19:20
 Operator : SY/MD
 Sample : M3873-09MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:39:57 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	6.253	114	264004	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255721	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	131077	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	126108	43.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.260%
7) Chloroethane-d5	1.912	69	102216	44.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.260%
11) 1,1-Dichloroethene-d2	2.571	63	216366	44.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.160%
21) 2-Butanone-d5	4.629	46	229587	100.484	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.480%
24) Chloroform-d	5.070	84	211579	46.353	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
26) 1,2-Dichloroethane-d4	5.706	65	141471	45.756	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
32) Benzene-d6	5.732	84	410605	46.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.540%
36) 1,2-Dichloropropane-d6	6.697	67	135974	46.996	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.000%
41) Toluene-d8	7.902	98	356904	46.608	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.220%
43) trans-1,3-Dichloroprop...	8.182	79	58093	45.137	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.280%
47) 2-Hexanone-d5	8.639	63	160825	100.303	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	205966	45.715	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.420%
66) 1,2-Dichlorobenzene-d4	12.198	152	130164	45.630	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	115360	45.636	ug/L	98
3) Chloromethane	1.520	50	152897	48.526	ug/L	100
5) Vinyl chloride	1.607	62	155786	50.465	ug/L	88
6) Bromomethane	1.851	94	79991	54.025	ug/L	100
8) Chloroethane	1.932	64	97202	50.170	ug/L	97
9) Trichlorofluoromethane	2.141	101	169514	47.977	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	102916	46.149	ug/L	99
12) 1,1-Dichloroethene	2.584	96	101126	49.465	ug/L	92
13) Acetone	2.632	43	156142	59.120	ug/L	99
14) Carbon disulfide	2.796	76	318557	48.637	ug/L	100
15) Methyl Acetate	2.954	43	161297	49.518	ug/L	99
16) Methylene chloride	3.050	84	122474	47.286	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	119943	55.693	ug/L	98
18) Methyl tert-butyl Ether	3.372	73	358862	50.535	ug/L	99
19) 1,1-Dichloroethane	3.877	63	221808	49.507	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	741072	312.276	ug/L	97
22) 2-Butanone	4.710	43	248731	84.144	ug/L	96
23) Bromochloromethane	4.980	128	59323	49.311	ug/L	98
25) Chloroform	5.095	83	215638	48.413	ug/L	98

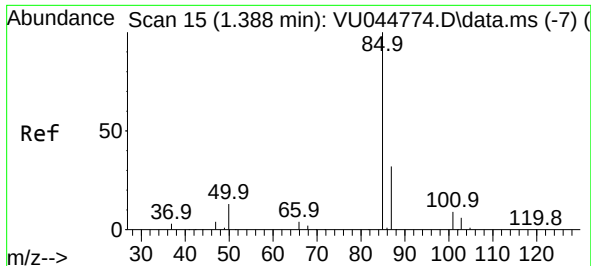
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
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 QLast Update : Fri Sep 24 05:26:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	183395	49.228	ug/L	99
29) Cyclohexane	5.394	56	193609	50.369	ug/L	99
30) 1,1,1-Trichloroethane	5.324	97	177574	50.164	ug/L	99
31) Carbon tetrachloride	5.529	117	142285	50.891	ug/L	99
33) Benzene	5.780	78	480100	50.619	ug/L	100
34) Trichloroethene	6.546	95	394083	172.988	ug/L	100
35) Methylcyclohexane	6.767	83	183426	48.093	ug/L	99
37) 1,2-Dichloropropane	6.796	63	127436	49.349	ug/L	99
38) Bromodichloromethane	7.111	83	158443	50.054	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	178600	48.336	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	456569	105.839	ug/L	100
42) Toluene	7.973	91	490302	50.878	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	175532	49.961	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	117205	50.082	ug/L	99
46) Tetrachloroethene	8.558	164	76934	47.248	ug/L	100
48) 2-Hexanone	8.687	43	370148	96.762	ug/L	99
49) Dibromochloromethane	8.816	129	114457	49.452	ug/L	100
50) 1,2-Dibromoethane	8.928	107	123561	50.428	ug/L	99
51) Chlorobenzene	9.449	112	293235	49.289	ug/L	99
52) Ethylbenzene	9.574	91	516207	50.706	ug/L	100
53) m,p-Xylene	9.697	106	197813	51.293	ug/L	98
54) o-xylene	10.105	106	193131	50.962	ug/L	97
55) Styrene	10.118	104	340315	52.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	215440	48.079	ug/L	99
59) Bromoform	10.295	173	80958	49.801	ug/L	100
60) 1,2,3-Trichloropropane	10.825	75	177305	48.907	ug/L	100
61) Isopropylbenzene	10.487	105	495520	51.655	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	420257	52.458	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	430188	52.438	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	214776	48.447	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	218289	47.992	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	222378	48.863	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	52772	50.652	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	147393	47.908	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	125362	49.035	ug/L	99
71) Naphthalene	14.089	128	490769	55.396	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	131720	50.357	ug/L	100

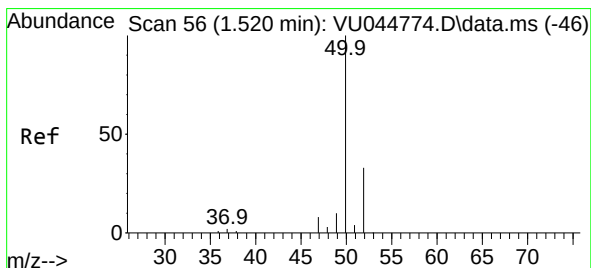
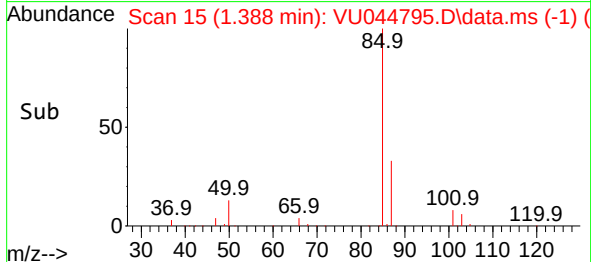
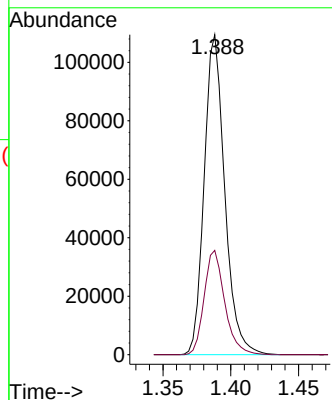
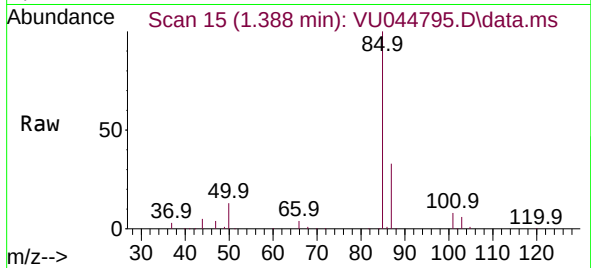
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#2
Dichlorodifluoromethane
Concen: 45.636 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

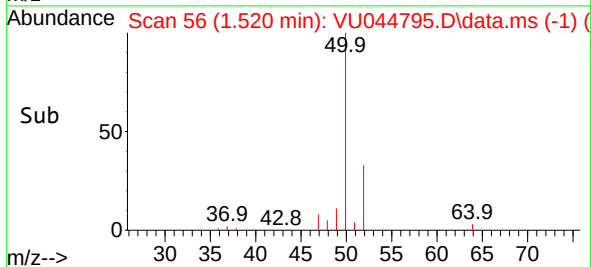
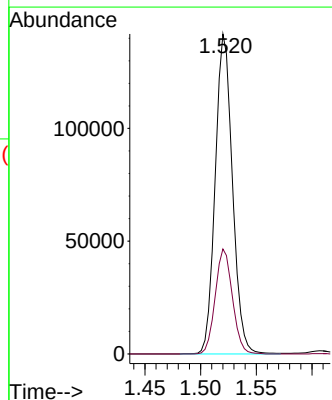
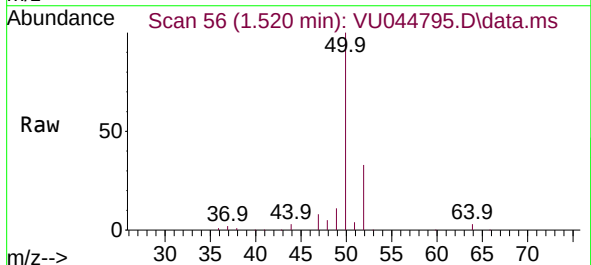
Instrument :
MSVOA_U
ClientSampled :

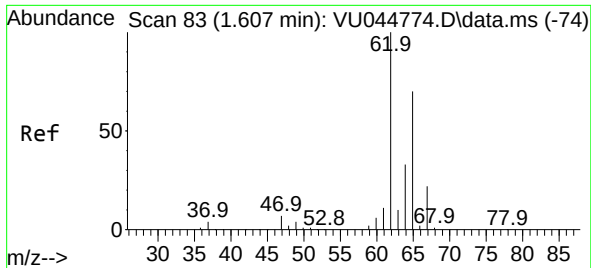
Tgt Ion: 85 Resp: 115360
Ion Ratio Lower Upper
85 100
87 32.6 25.2 37.8



#3
Chloromethane
Concen: 48.526 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 50 Resp: 152897
Ion Ratio Lower Upper
50 100
52 32.8 23.0 42.8

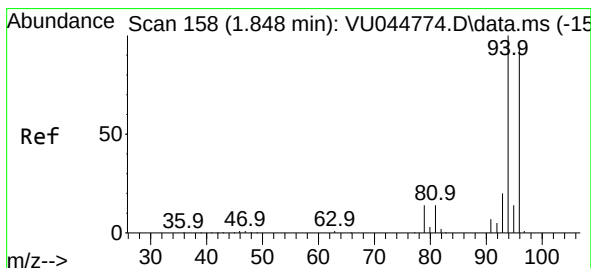
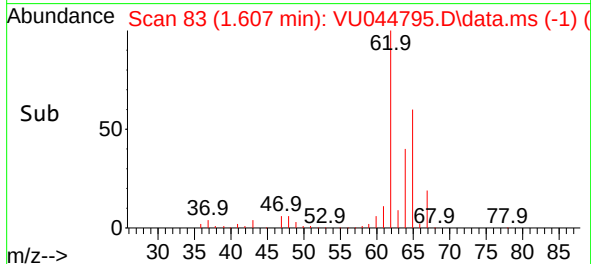
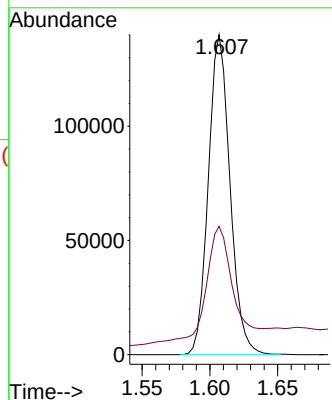
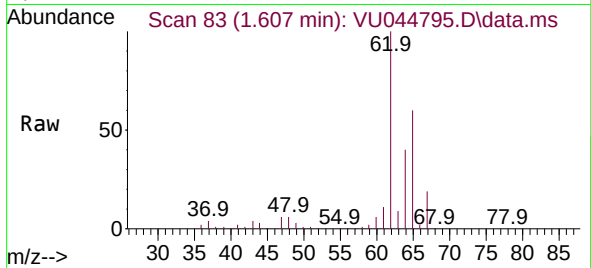




#5
 Vinyl chloride
 Concen: 50.465 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044795.D
 Acq: 23 Sep 2021 19:20

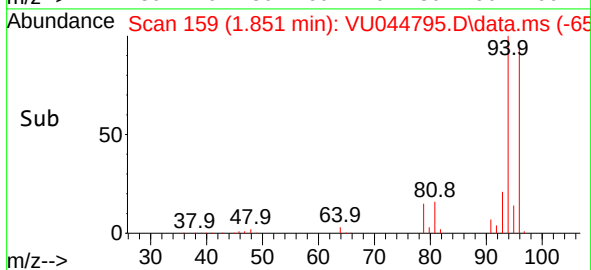
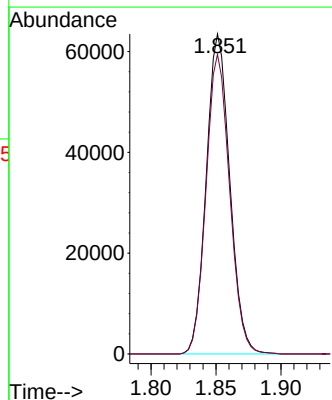
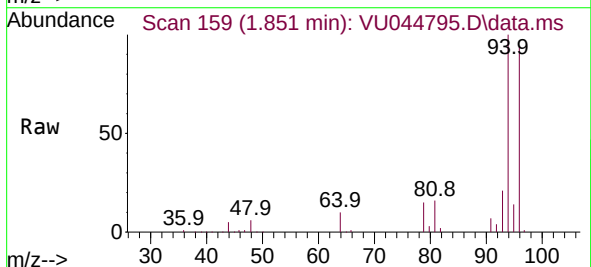
Instrument :
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 ClientSampled :

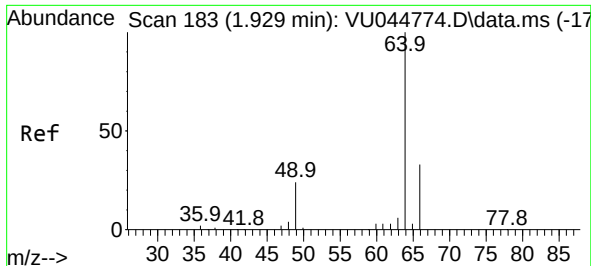
Tgt Ion: 62 Resp: 155786
 Ion Ratio Lower Upper
 62 100
 64 40.1 23.4 43.6



#6
 Bromomethane
 Concen: 54.025 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU044795.D
 Acq: 23 Sep 2021 19:20

Tgt Ion: 94 Resp: 79991
 Ion Ratio Lower Upper
 94 100
 96 93.7 65.7 121.9

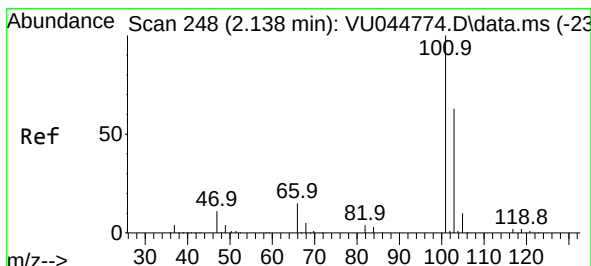
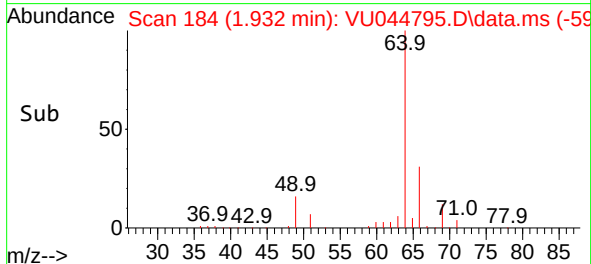
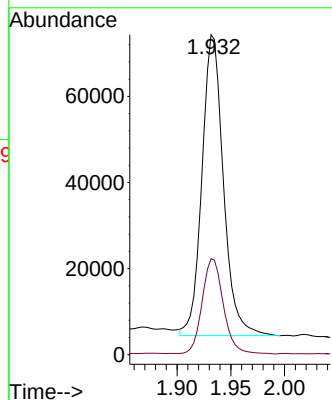
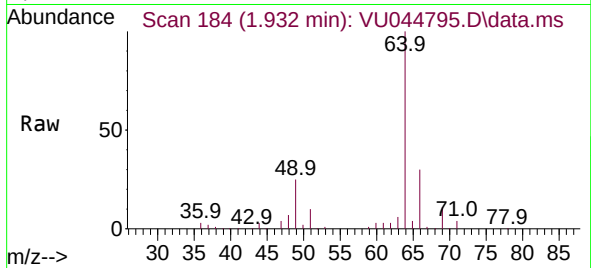




#8
Chloroethane
Concen: 50.170 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

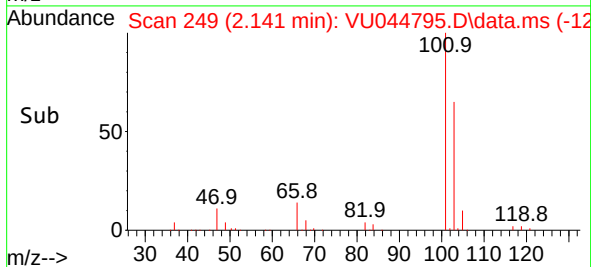
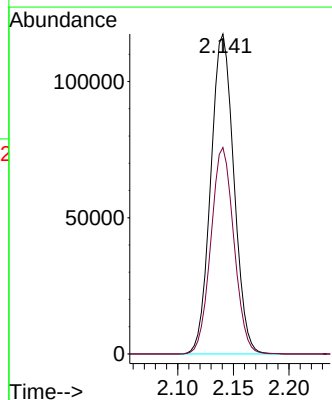
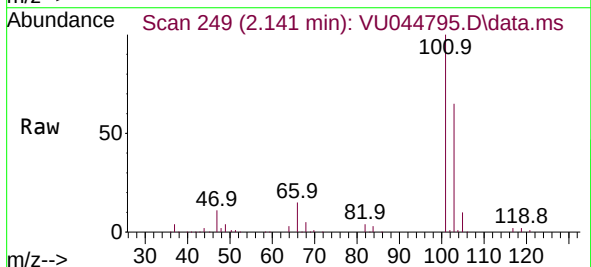
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MSVOA_U
ClientSampleId :

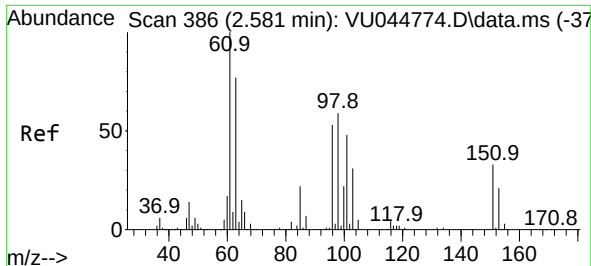
Tgt Ion: 64 Resp: 97202
Ion Ratio Lower Upper
64 100
66 30.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.977 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:101 Resp: 169514
Ion Ratio Lower Upper
101 100
103 64.3 50.9 76.3





#10

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

Concen: 46.149 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

Tgt Ion:101 Resp: 102916

Ion Ratio Lower Upper

101 100

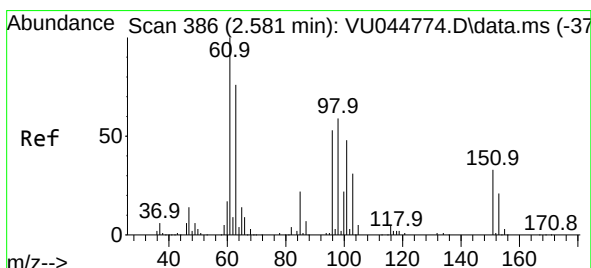
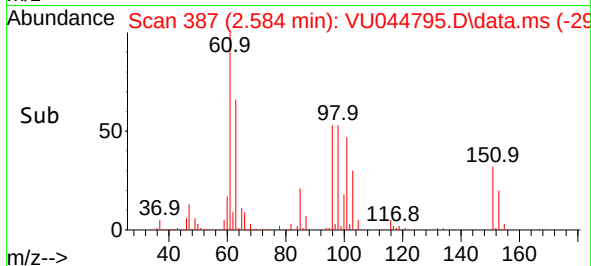
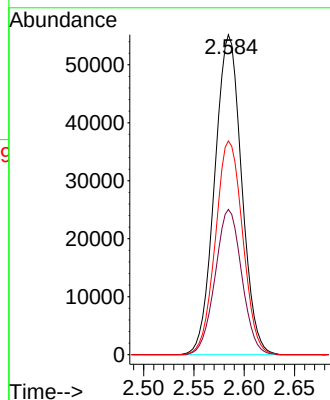
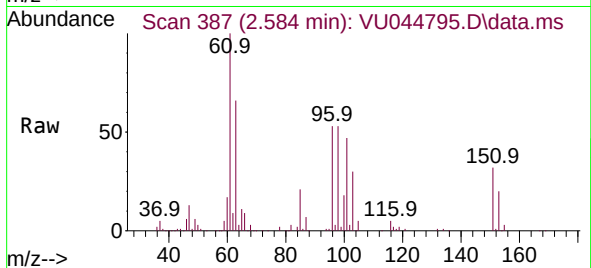
85 44.9 36.4 54.6

151 67.6 54.4 81.6

Instrument :

MSVOA_U

ClientSampled :



#12

1,1-Dichloroethene

Concen: 49.465 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

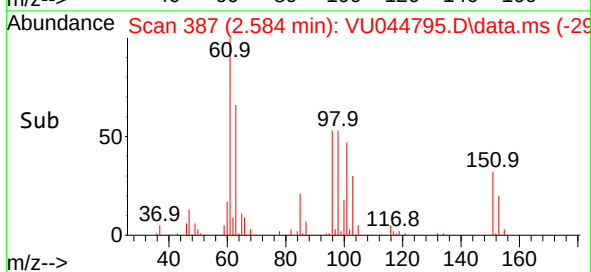
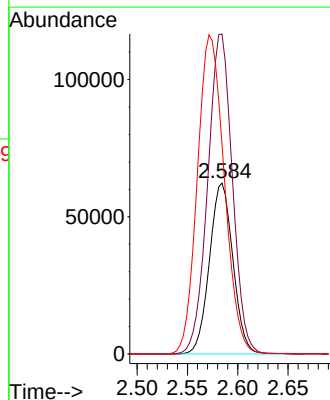
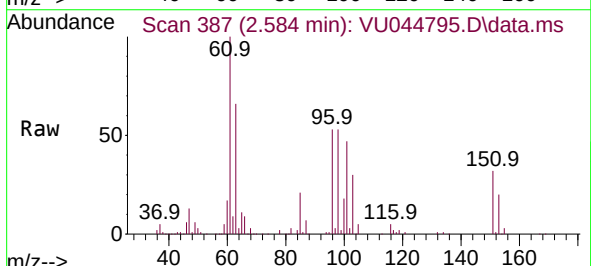
Tgt Ion: 96 Resp: 101126

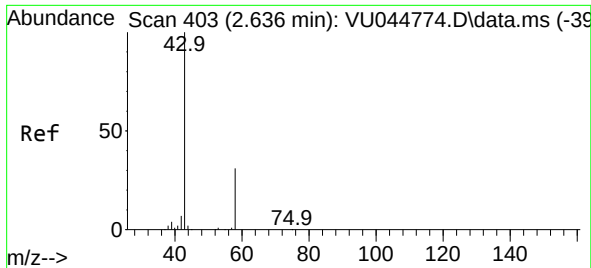
Ion Ratio Lower Upper

96 100

61 187.2 131.3 243.9

63 123.1 102.5 190.3

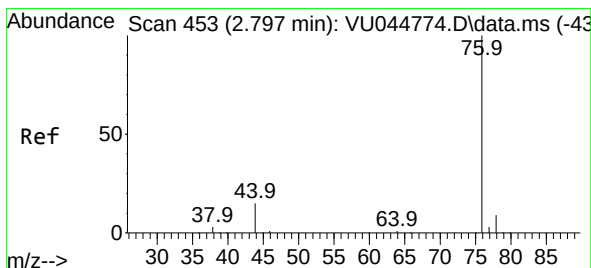
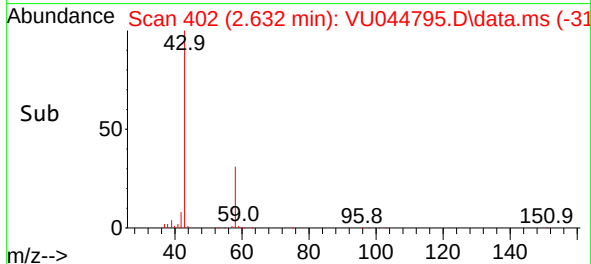
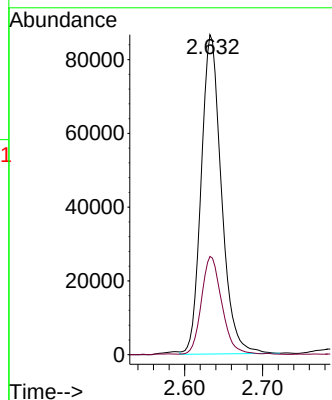
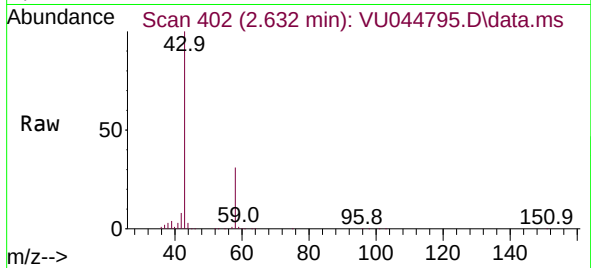




#13
Acetone
Concen: 59.120 ug/L
RT: 2.632 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

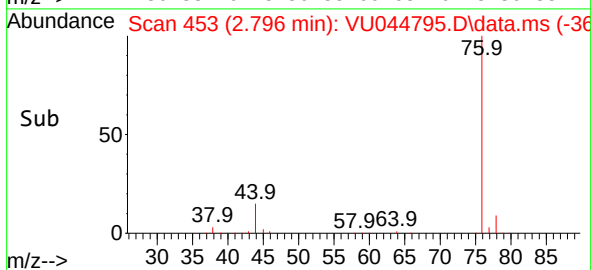
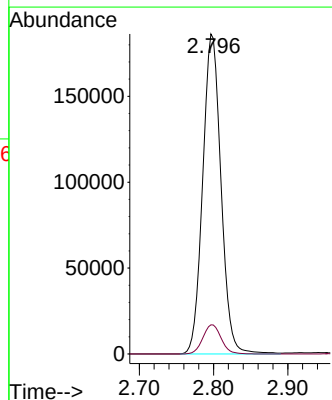
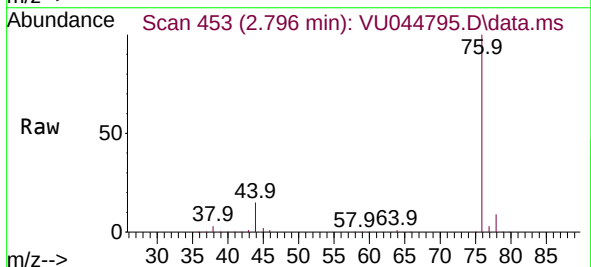
Instrument :
MSVOA_U
ClientSampleId :

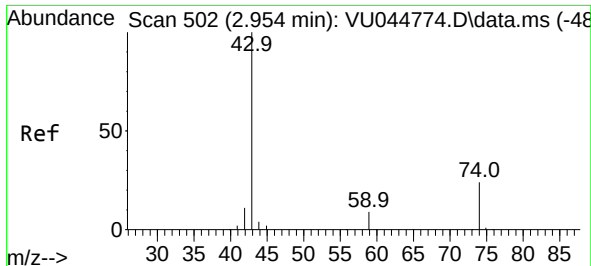
Tgt Ion: 43 Resp: 156142
Ion Ratio Lower Upper
43 100
58 30.6 0.0 62.8



#14
Carbon disulfide
Concen: 48.637 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 76 Resp: 318557
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

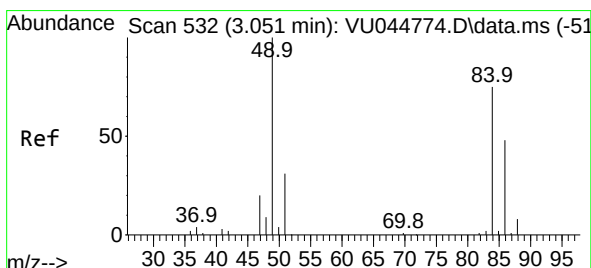
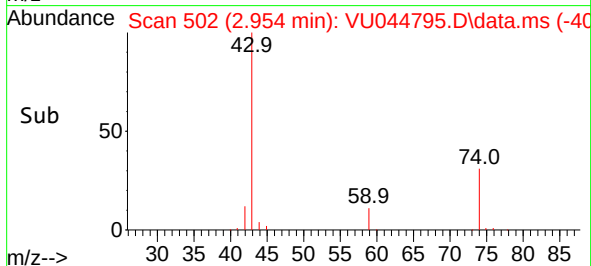
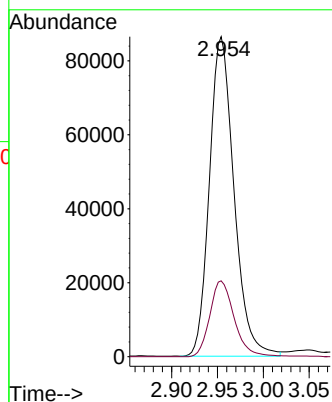
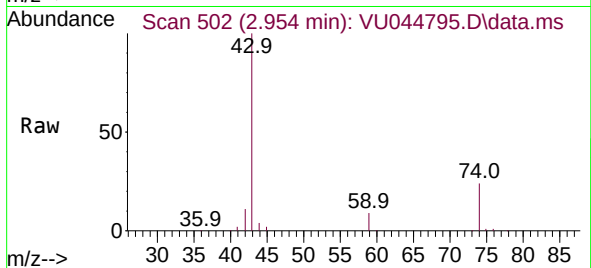




#15
Methyl Acetate
Concen: 49.518 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

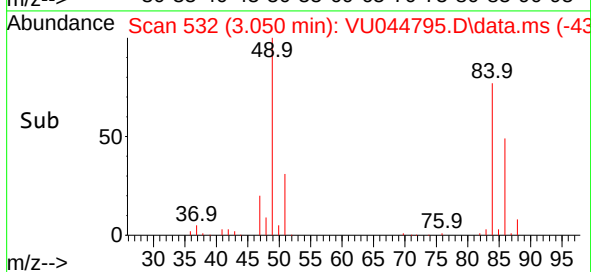
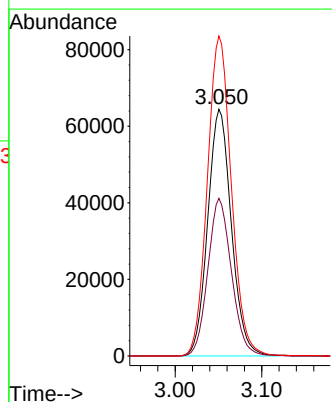
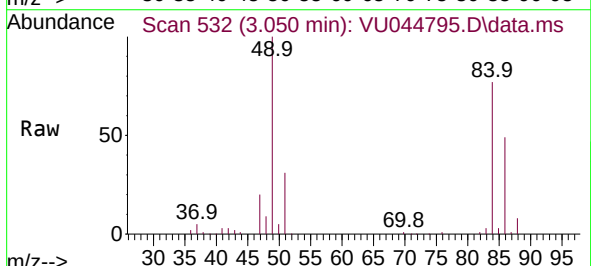
Instrument :
MSVOA_U
ClientSampled :

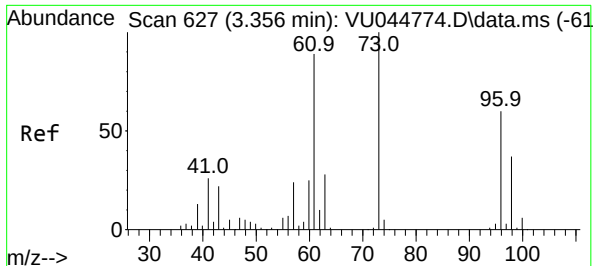
Tgt Ion: 43 Resp: 161297
Ion Ratio Lower Upper
43 100
74 23.6 18.4 27.6



#16
Methylene chloride
Concen: 47.286 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 84 Resp: 122474
Ion Ratio Lower Upper
84 100
86 63.9 44.7 83.1
49 129.7 92.9 172.5



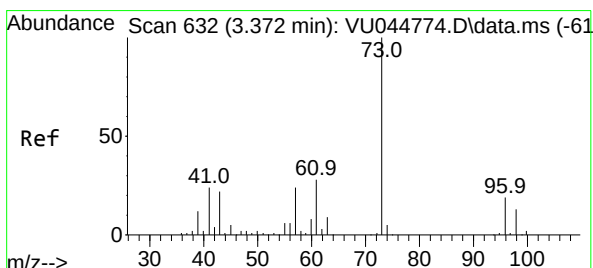
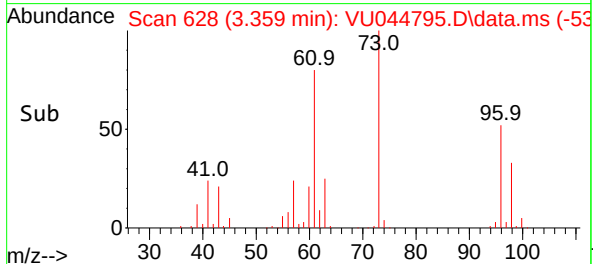
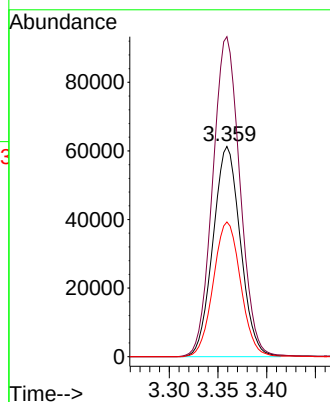
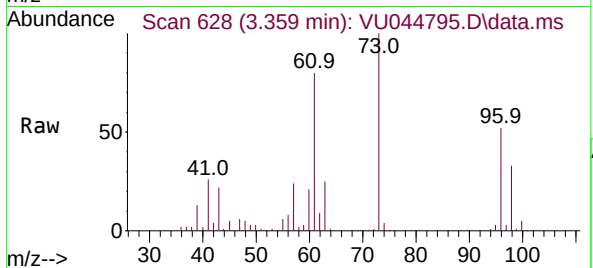


#17

trans-1,2-Dichloroethene
Concen: 55.693 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :

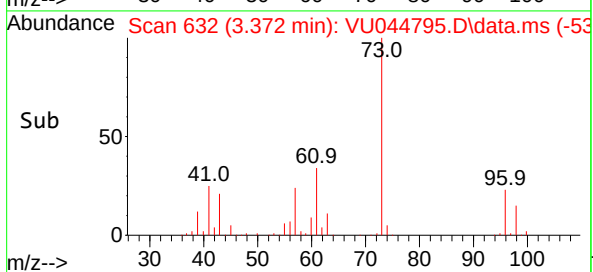
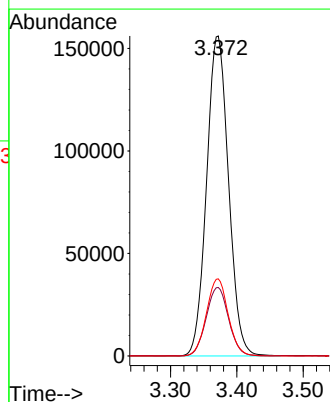
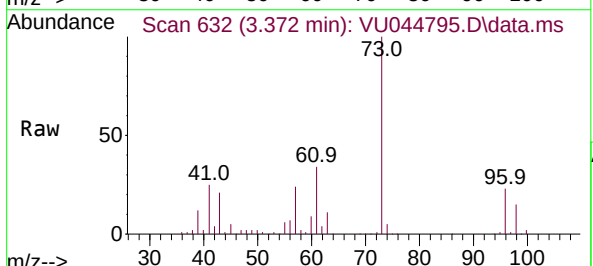
Tgt Ion: 96 Resp: 119943
Ion Ratio Lower Upper
96 100
61 152.2 105.1 195.3
98 64.1 43.0 79.8

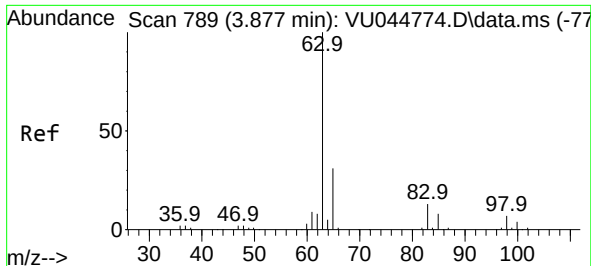


#18

Methyl tert-butyl Ether
Concen: 50.535 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 73 Resp: 358862
Ion Ratio Lower Upper
73 100
43 21.7 17.3 25.9
57 23.9 18.7 28.1





#19

1,1-Dichloroethane

Concen: 49.507 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

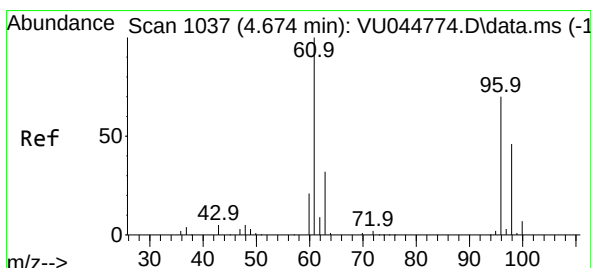
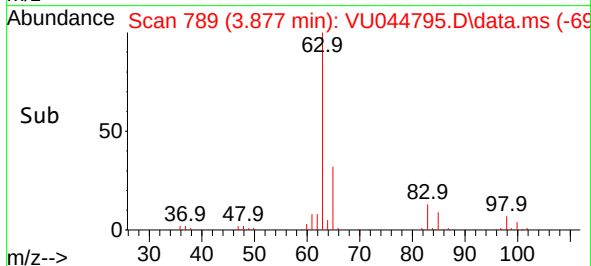
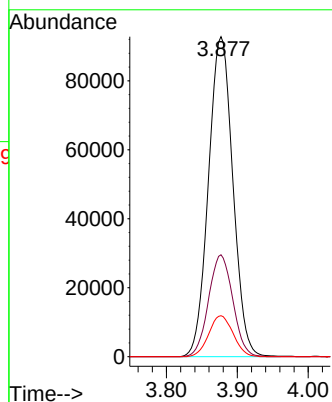
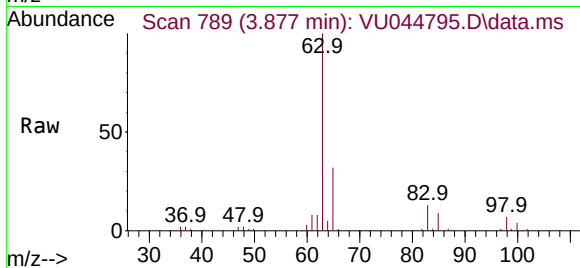
Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

Tgt Ion: 63 Resp: 221808

Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.0	40.8
83	12.8	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 312.276 ug/L

RT: 4.674 min Scan# 1037

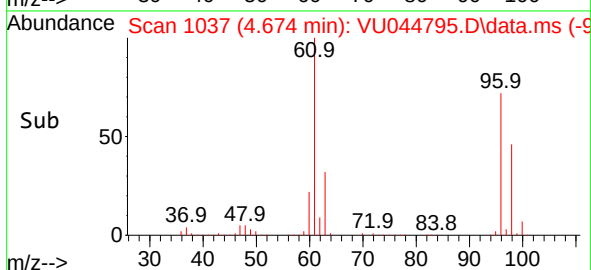
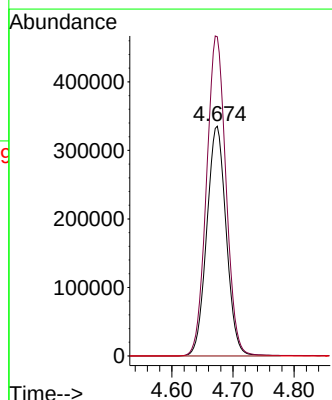
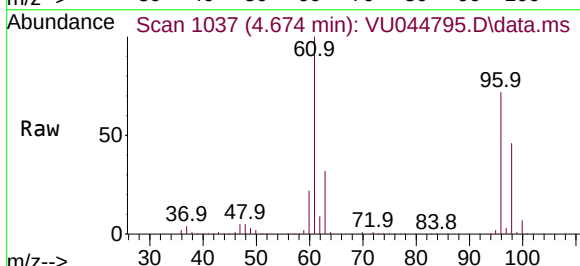
Delta R.T. -0.000 min

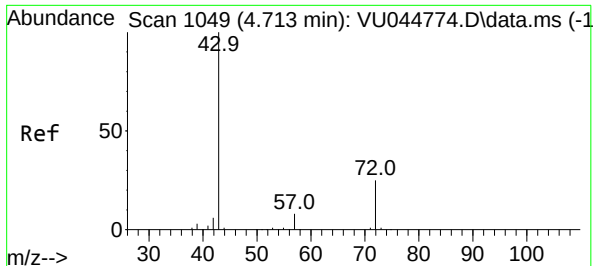
Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

Tgt Ion: 96 Resp: 741072

Ion	Ratio	Lower	Upper
96	100		
61	139.0	100.2	186.0
68	0.0	0.0	0.0

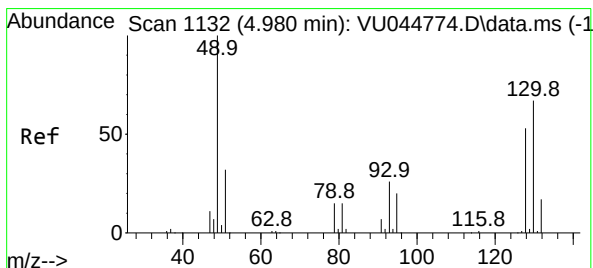
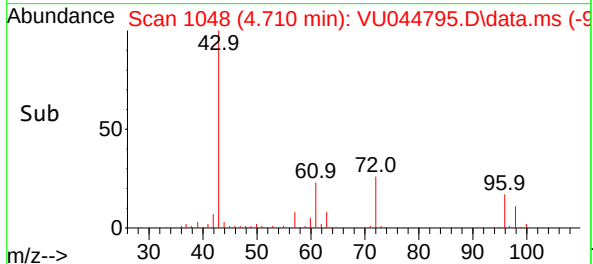
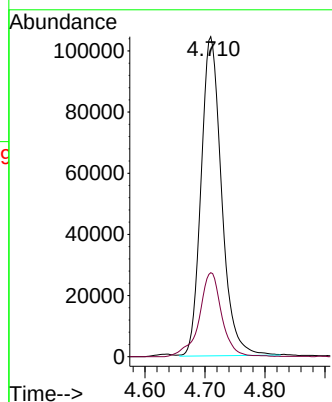
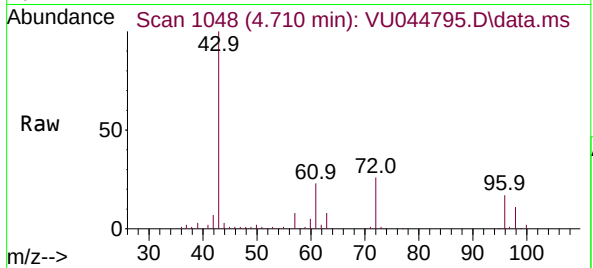




#22
2-Butanone
Concen: 84.144 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

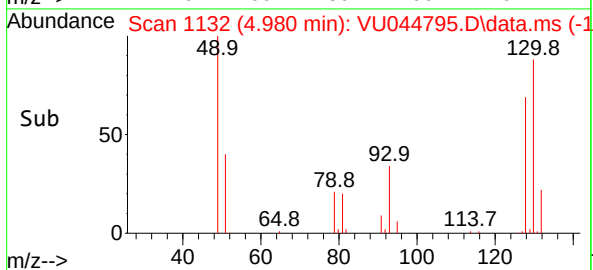
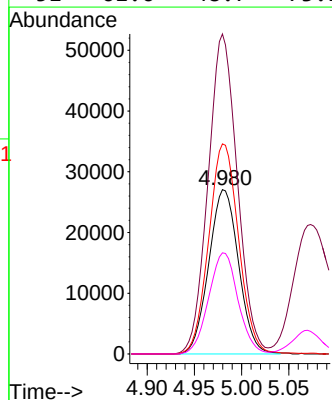
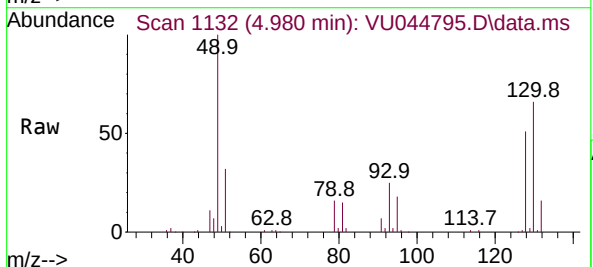
Instrument :
MSVOA_U
ClientSampled :

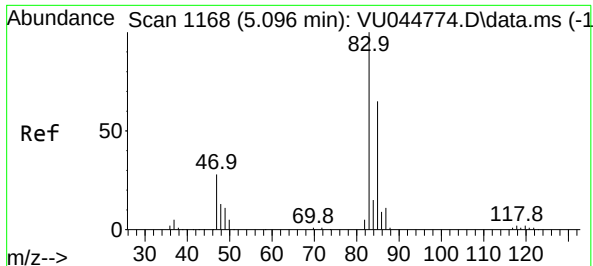
Tgt Ion: 43 Resp: 248731
Ion Ratio Lower Upper
43 100
72 28.8 13.3 39.9



#23
Bromochloromethane
Concen: 49.311 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 128 Resp: 59323
Ion Ratio Lower Upper
128 100
49 194.7 132.9 246.7
130 127.8 88.2 163.8
51 61.6 48.7 73.1



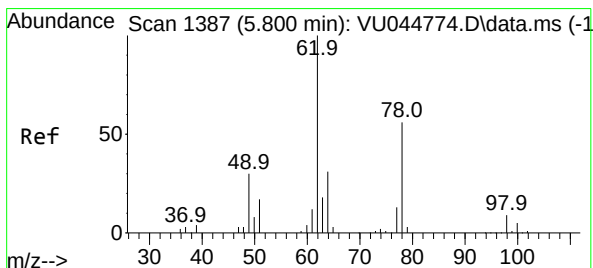
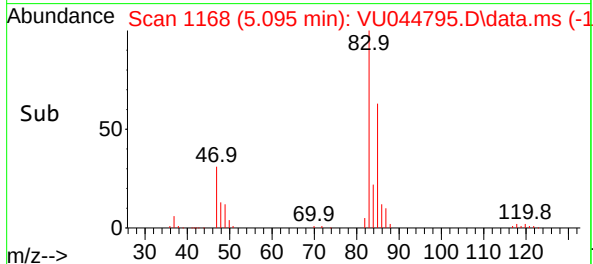
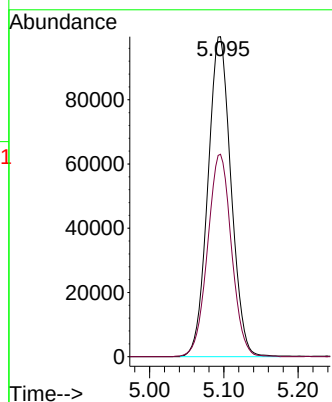
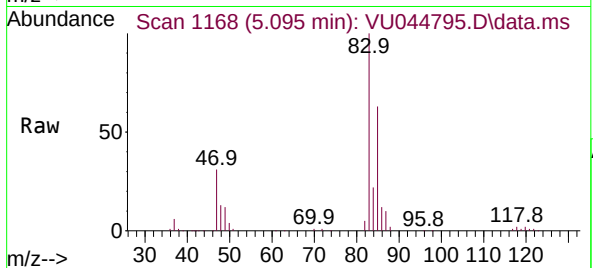


#25

Chloroform
Concen: 48.413 ug/L
RT: 5.095 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :

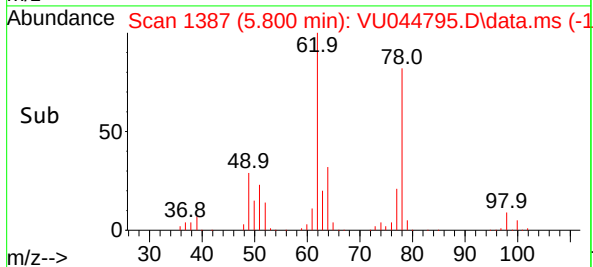
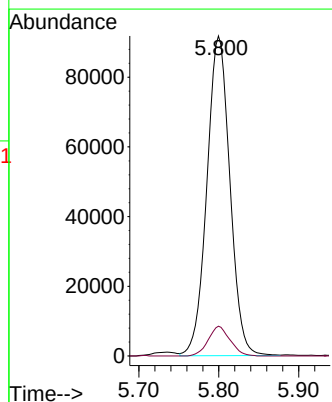
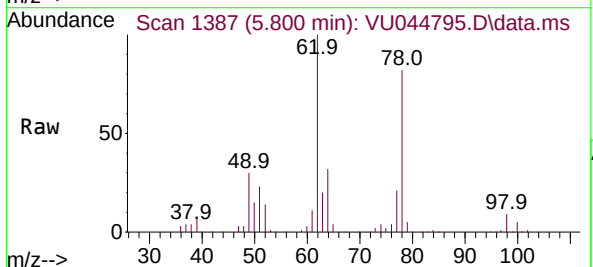
Tgt Ion: 83 Resp: 215638
Ion Ratio Lower Upper
83 100
85 63.3 45.6 84.6

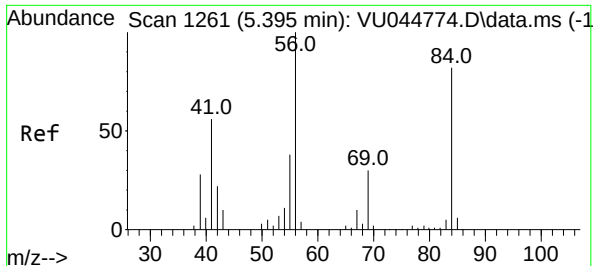


#27

1,2-Dichloroethane
Concen: 49.228 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 62 Resp: 183395
Ion Ratio Lower Upper
62 100
98 9.3 7.1 10.7

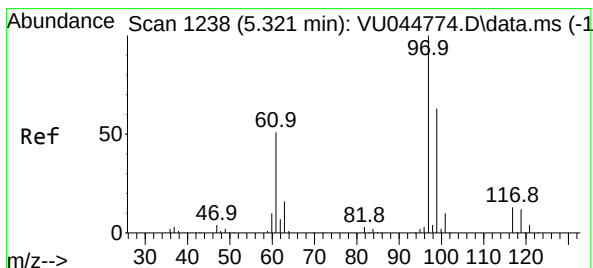
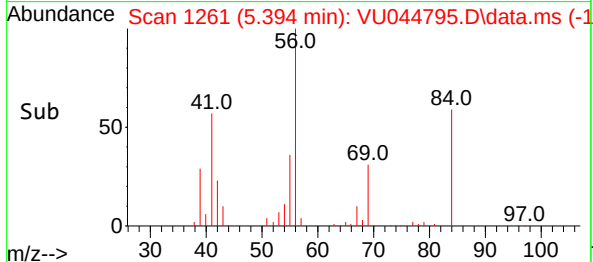
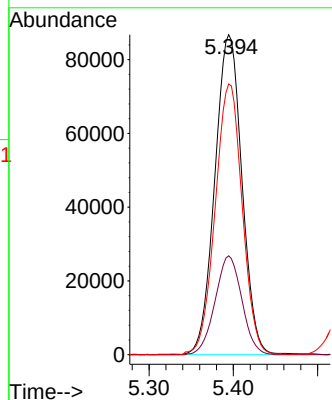
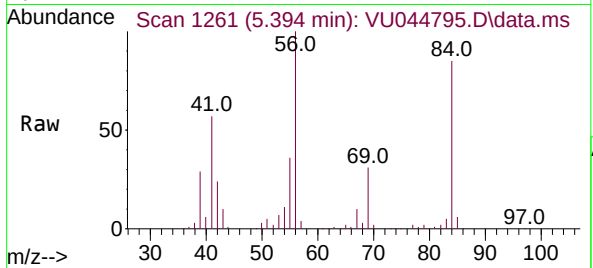




#29
Cyclohexane
Concen: 50.369 ug/L
RT: 5.394 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

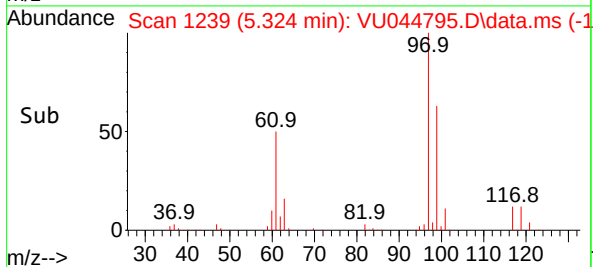
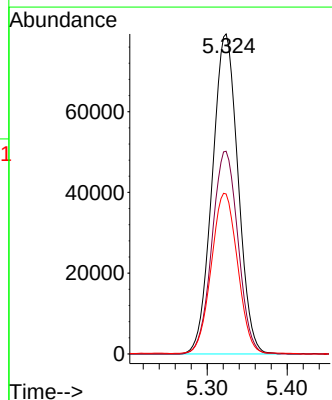
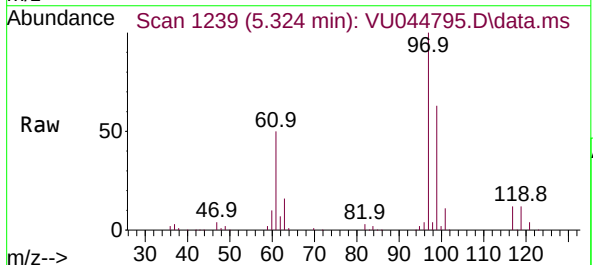
Instrument :
MSVOA_U
ClientSampled :

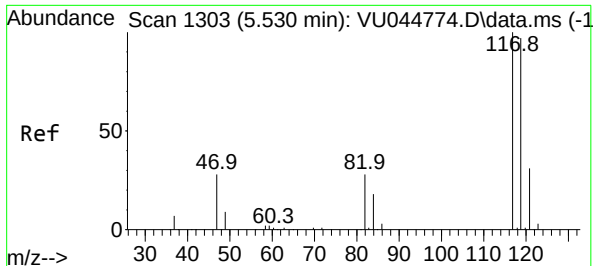
Tgt Ion:	56	Resp:	193609
Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.8	35.8
84	84.3	66.8	100.2



#30
1,1,1-Trichloroethane
Concen: 50.164 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. 0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:	97	Resp:	177574
Ion	Ratio	Lower	Upper
97	100		
99	63.8	50.6	75.8
61	50.6	41.3	61.9

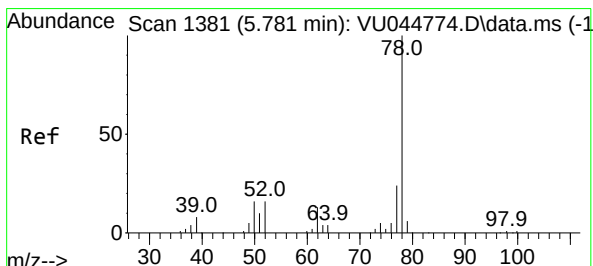
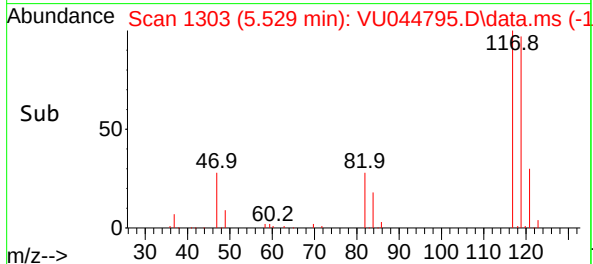
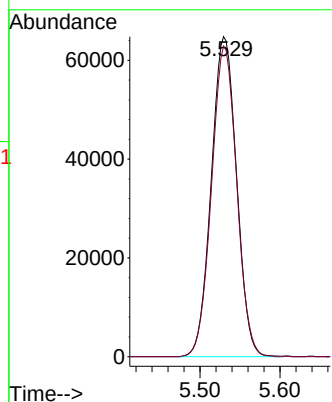
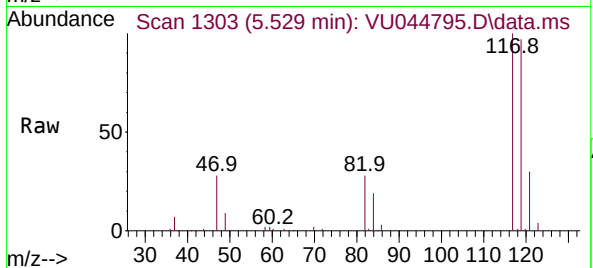




#31
Carbon tetrachloride
Concen: 50.891 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

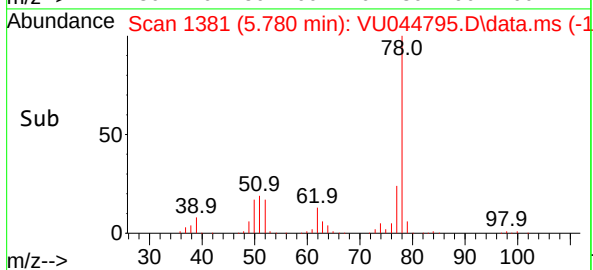
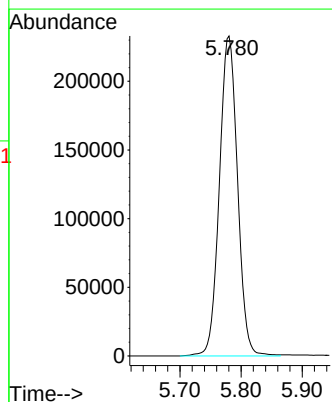
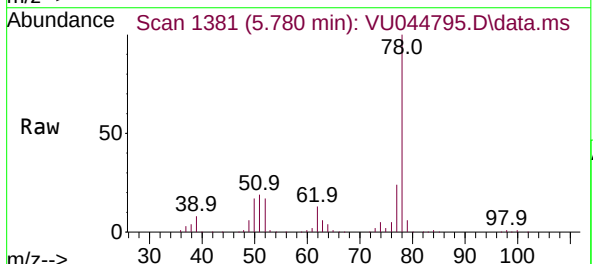
Instrument :
MSVOA_U
ClientSampled :

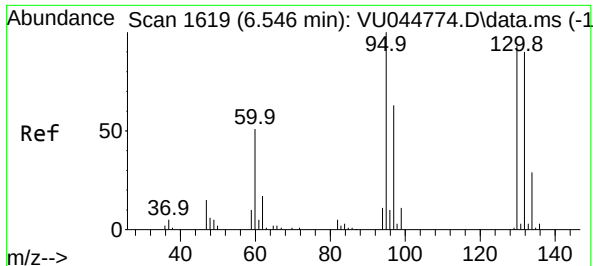
Tgt Ion:117 Resp: 142285
Ion Ratio Lower Upper
117 100
119 96.4 77.7 116.5



#33
Benzene
Concen: 50.619 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 78 Resp: 480100

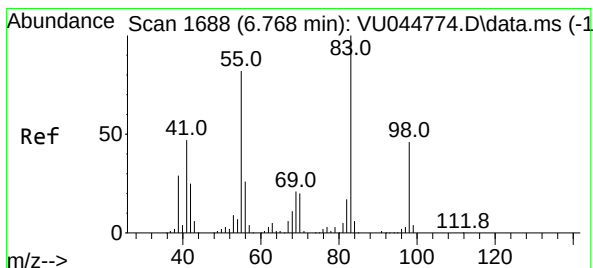
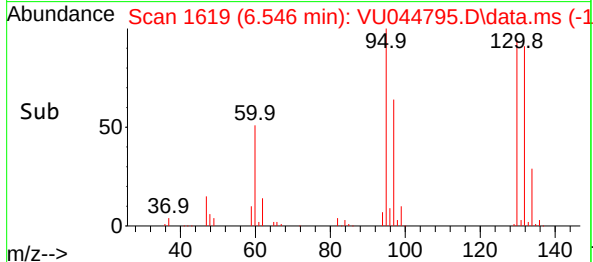
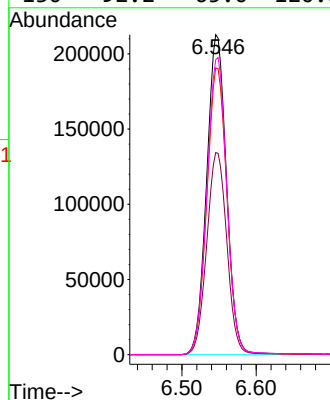
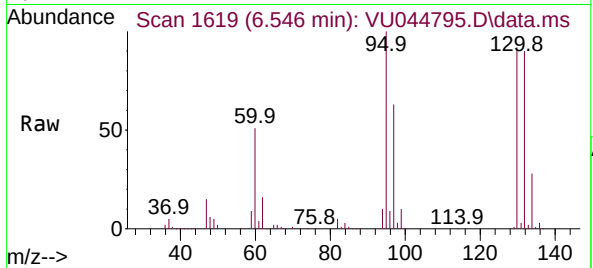




#34
Trichloroethene
Concen: 172.988 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

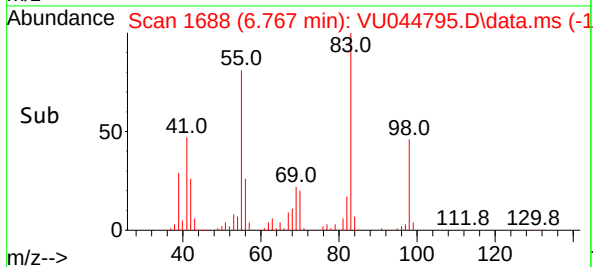
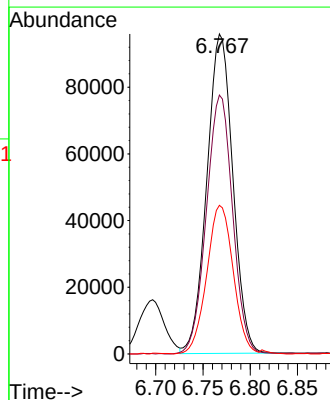
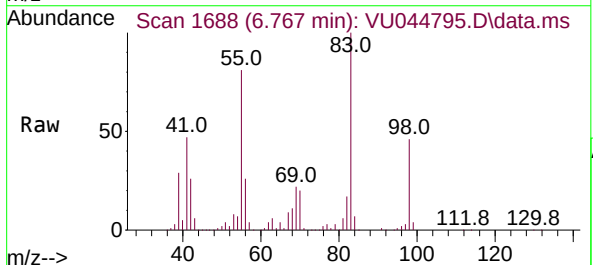
Instrument :
MSVOA_U
ClientSampled :

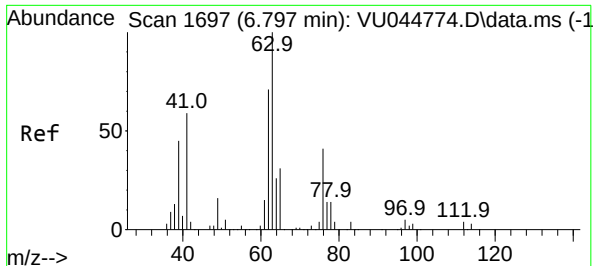
Tgt Ion: 95 Resp: 394083
Ion Ratio Lower Upper
95 100
97 63.1 44.4 82.4
132 89.7 62.9 116.9
130 92.2 65.0 120.8



#35
Methylcyclohexane
Concen: 48.093 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 83 Resp: 183426
Ion Ratio Lower Upper
83 100
55 81.9 65.8 98.6
98 47.2 37.1 55.7



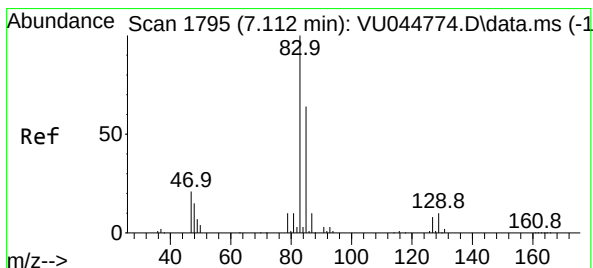
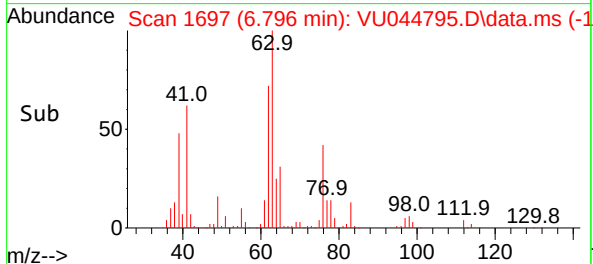
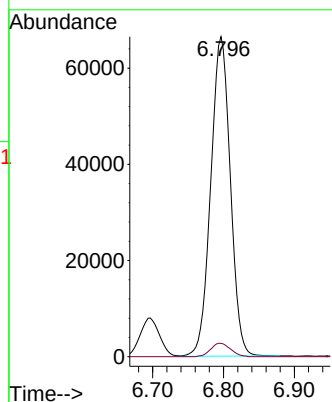
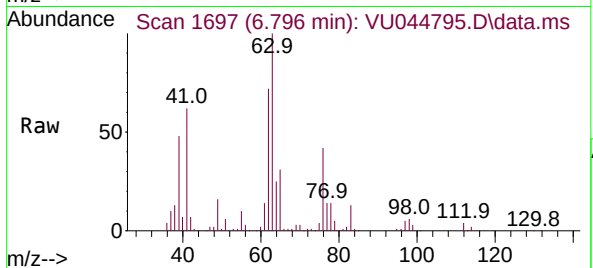


#37

1,2-Dichloropropane
Concen: 49.349 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampled :

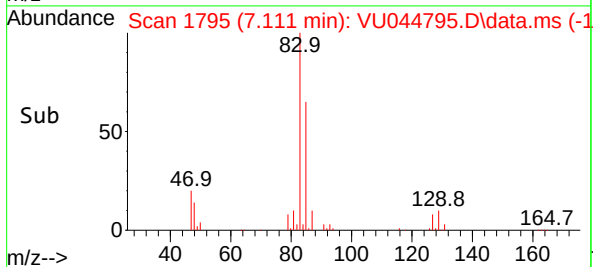
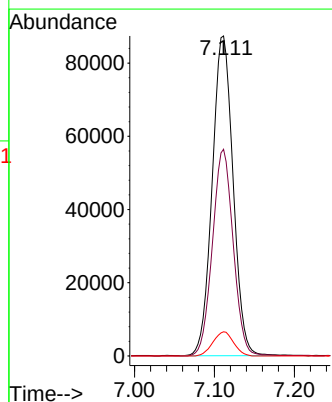
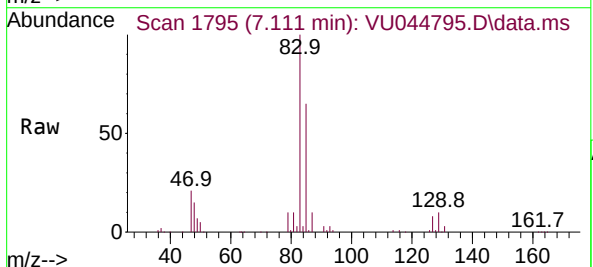
Tgt Ion: 63 Resp: 127436
Ion Ratio Lower Upper
63 100
112 4.3 3.2 4.8

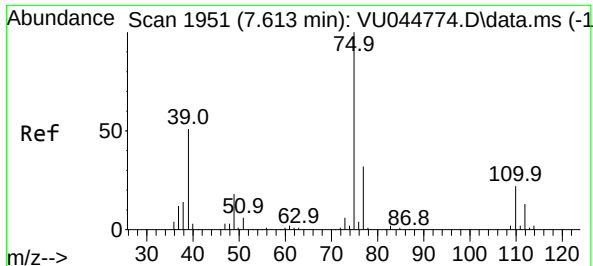


#38

Bromodichloromethane
Concen: 50.054 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 83 Resp: 158443
Ion Ratio Lower Upper
83 100
85 64.6 44.6 82.8
127 7.6 6.2 9.2



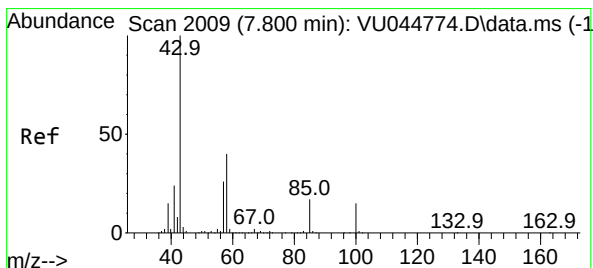
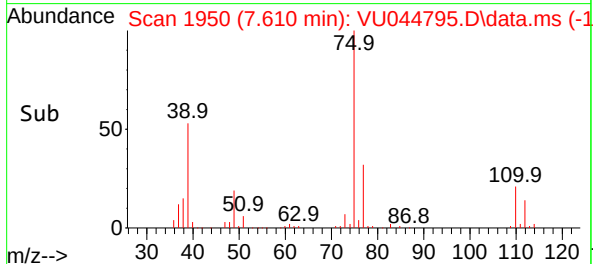
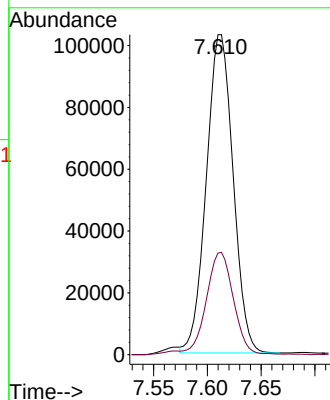
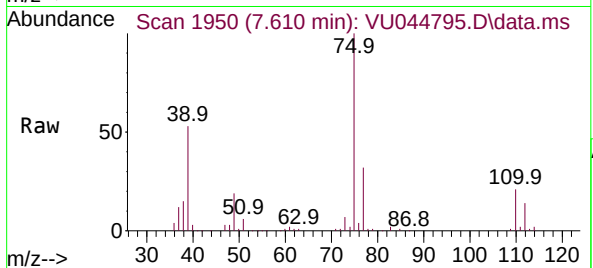


#39

cis-1,3-Dichloropropene
Concen: 48.336 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampleId :

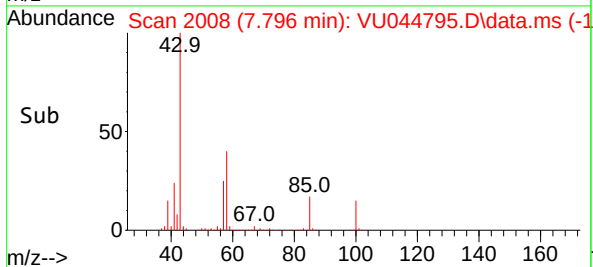
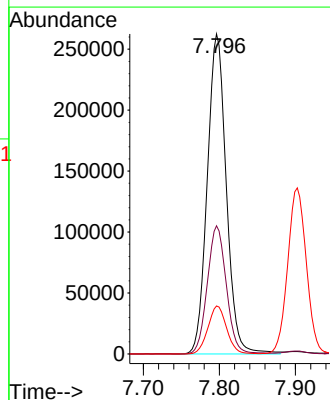
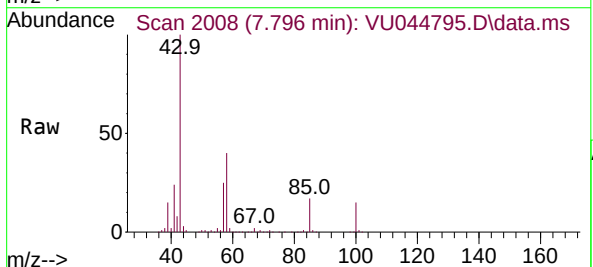
Tgt Ion: 75 Resp: 178600
Ion Ratio Lower Upper
75 100
77 31.8 22.4 41.6

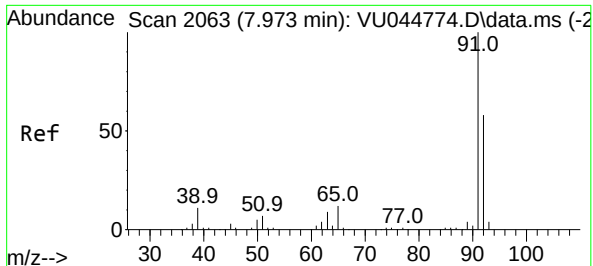


#40

4-Methyl-2-pentanone
Concen: 105.839 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 43 Resp: 456569
Ion Ratio Lower Upper
43 100
58 39.9 31.8 47.8
100 14.8 11.8 17.6

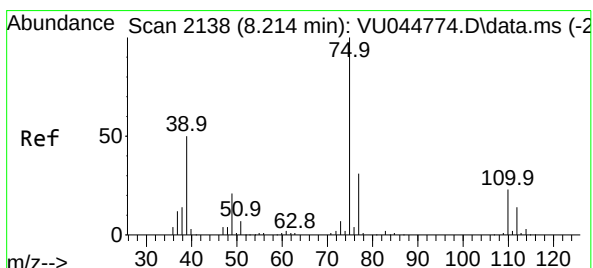
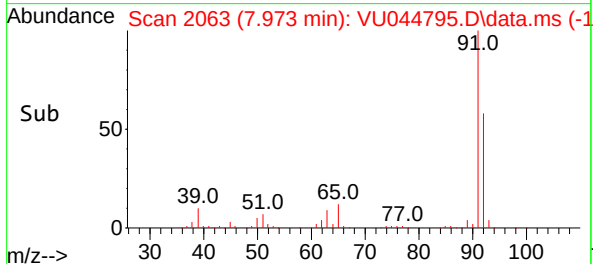
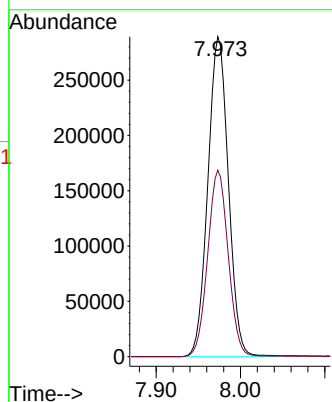
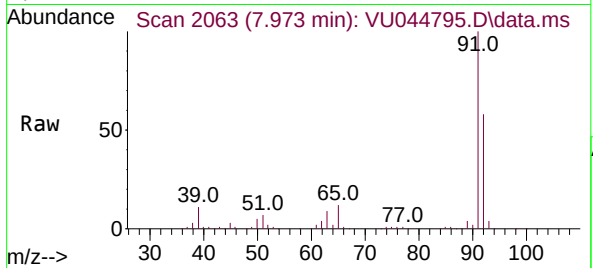




#42
Toluene
Concen: 50.878 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

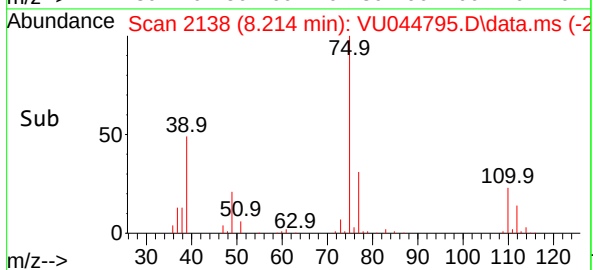
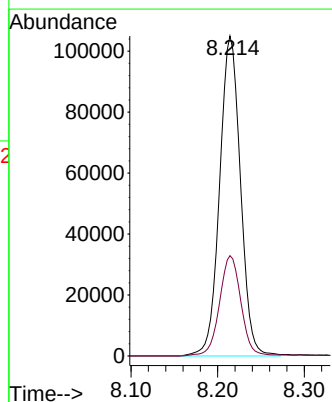
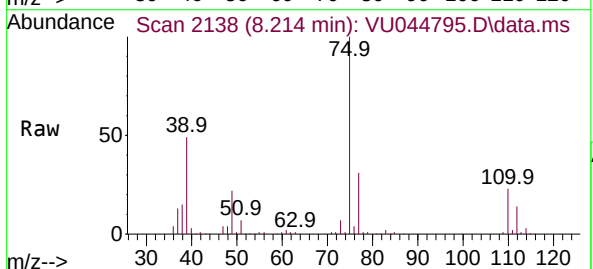
Instrument :
MSVOA_U
ClientSampled :

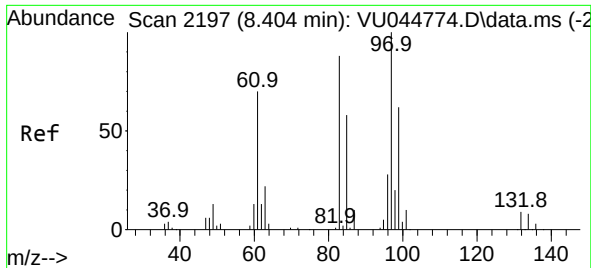
Tgt Ion: 91 Resp: 490302
Ion Ratio Lower Upper
91 100
92 58.3 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 49.961 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 75 Resp: 175532
Ion Ratio Lower Upper
75 100
77 31.4 21.7 40.3

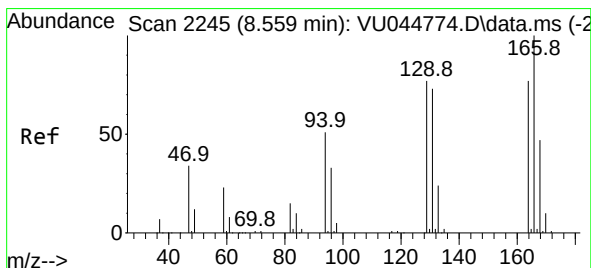
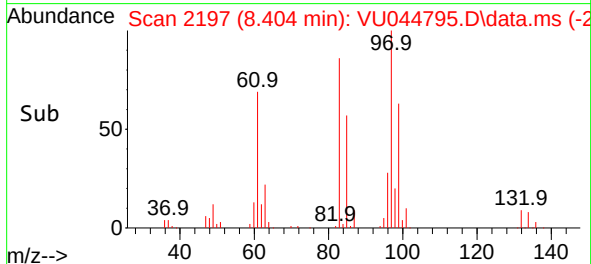
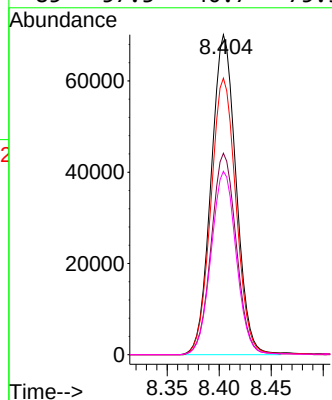
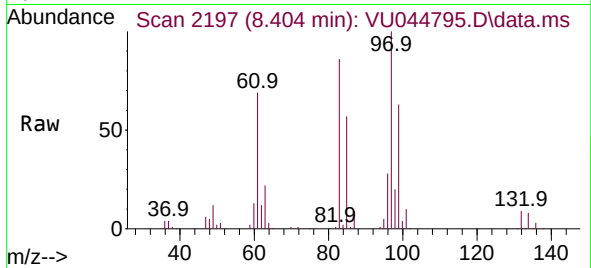




#45
1,1,2-Trichloroethane
Concen: 50.082 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

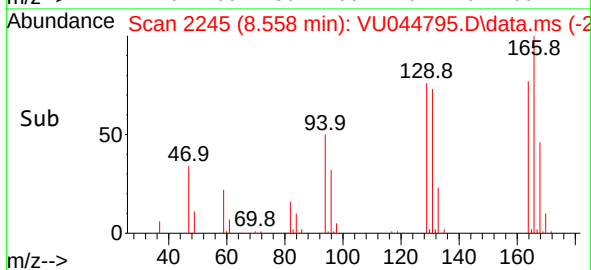
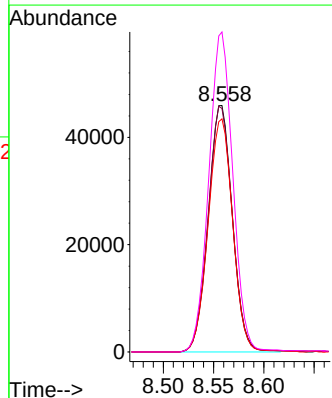
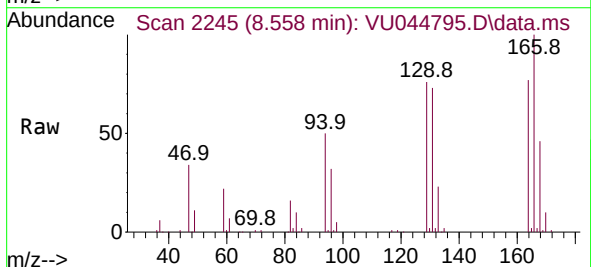
Instrument :
MSVOA_U
ClientSampleId :

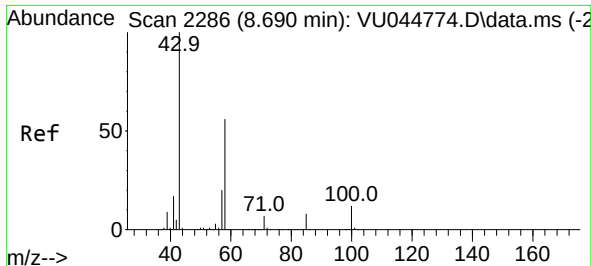
Tgt Ion:	97	Resp:	117205
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.7	81.1
83	86.4	61.9	115.1
85	57.3	40.7	75.5



#46
Tetrachloroethene
Concen: 47.248 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:	164	Resp:	76934
Ion	Ratio	Lower	Upper
164	100		
129	98.9	69.8	129.6
131	94.6	66.4	123.2
166	129.9	91.1	169.3

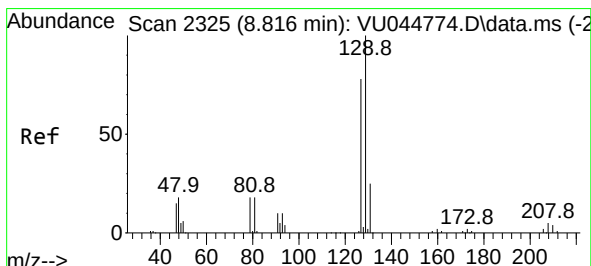
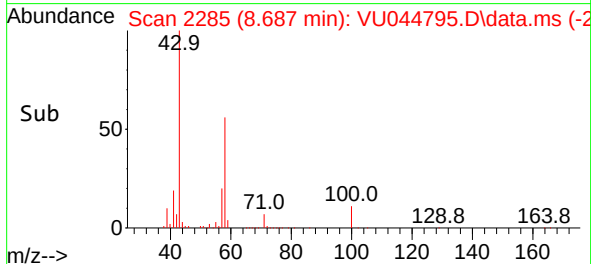
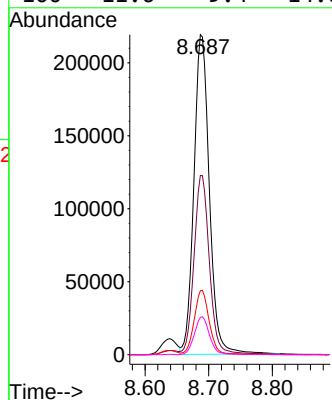
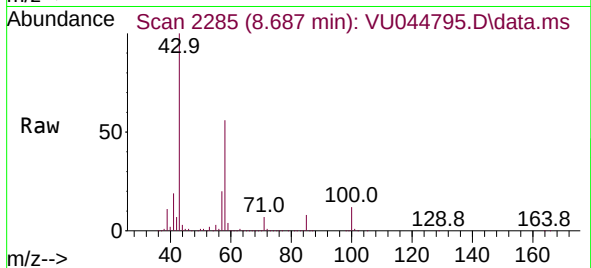




#48
2-Hexanone
Concen: 96.762 ug/L
RT: 8.687 min Scan# 2285
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

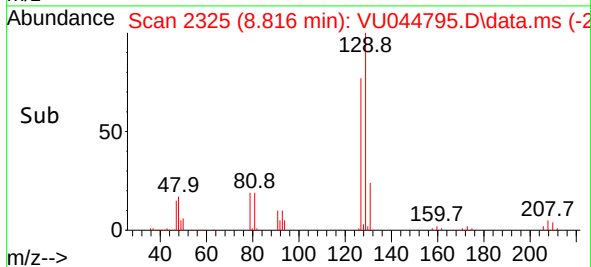
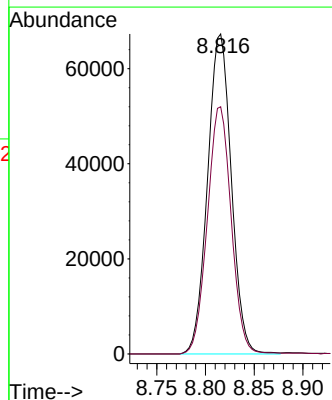
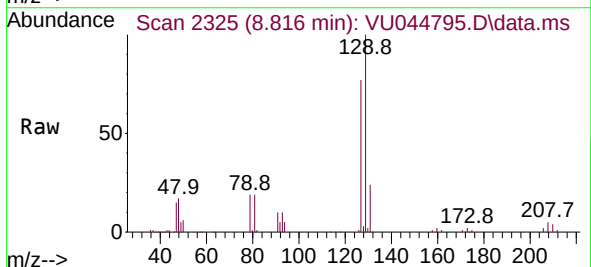
Instrument :
MSVOA_U
ClientSampleId :

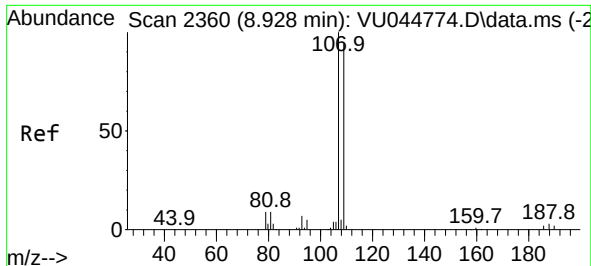
Tgt Ion: 43 Resp: 370148
Ion Ratio Lower Upper
43 100
58 54.9 44.9 67.3
57 19.3 15.5 23.3
100 11.6 9.4 14.0



#49
Dibromochloromethane
Concen: 49.452 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 129 Resp: 114457
Ion Ratio Lower Upper
129 100
127 77.2 54.3 100.8





#50

1,2-Dibromoethane

Concen: 50.428 ug/L

RT: 8.928 min Scan# 2360

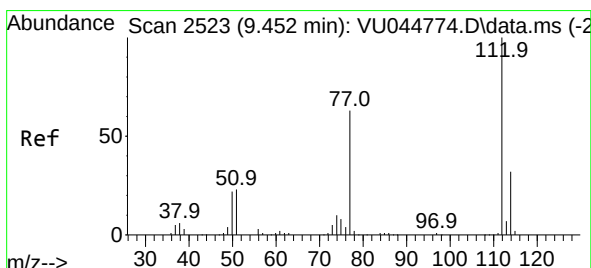
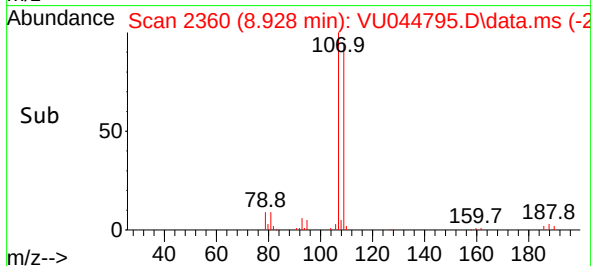
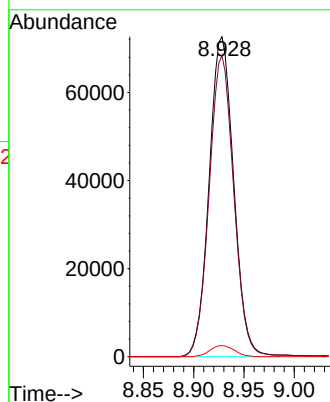
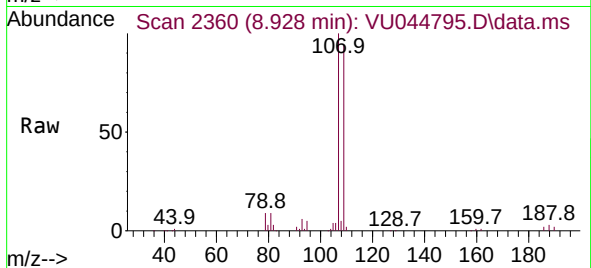
Delta R.T. -0.000 min

Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:	107	Resp:	123561
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.5	121.6
188	3.5	2.6	3.8



#51

Chlorobenzene

Concen: 49.289 ug/L

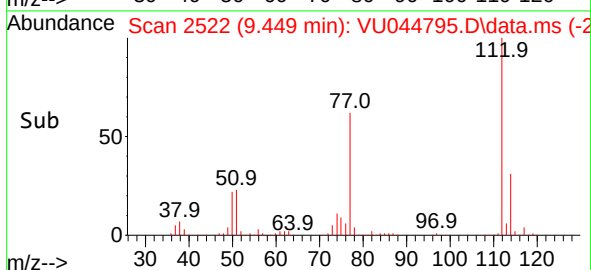
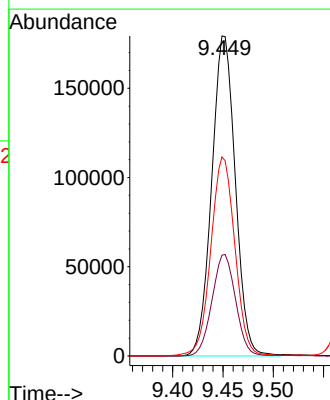
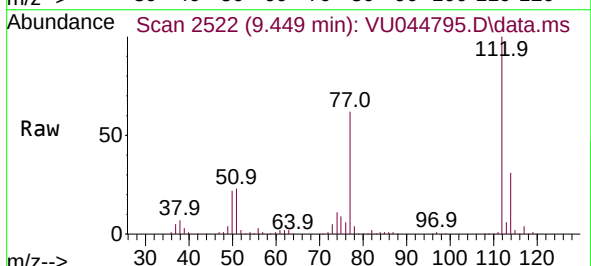
RT: 9.449 min Scan# 2522

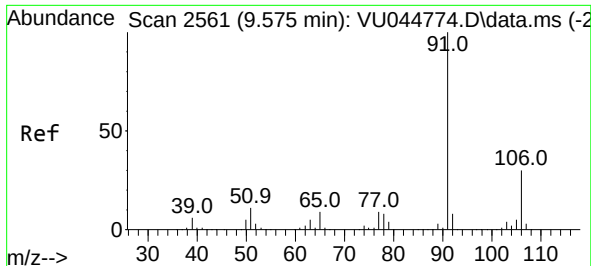
Delta R.T. -0.003 min

Lab File: VU044795.D

Acq: 23 Sep 2021 19:20

Tgt Ion:	112	Resp:	293235
Ion	Ratio	Lower	Upper
112	100		
114	31.5	22.5	41.9
77	62.2	50.6	75.8





#52

Ethylbenzene

Concen: 50.706 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU044795.D

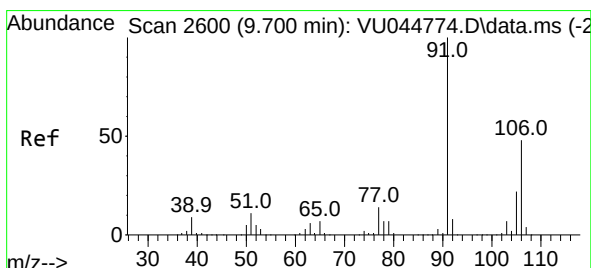
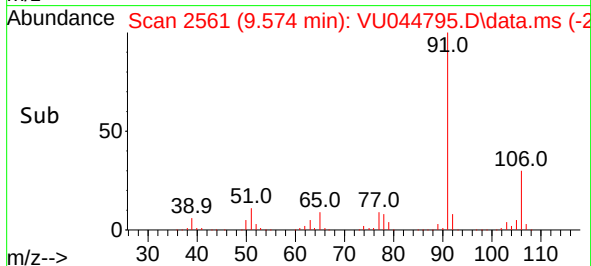
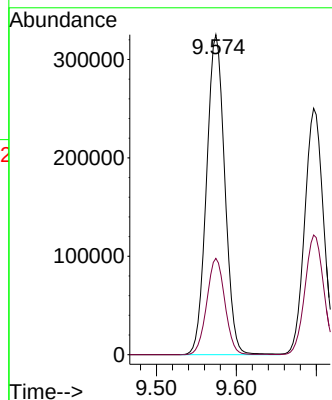
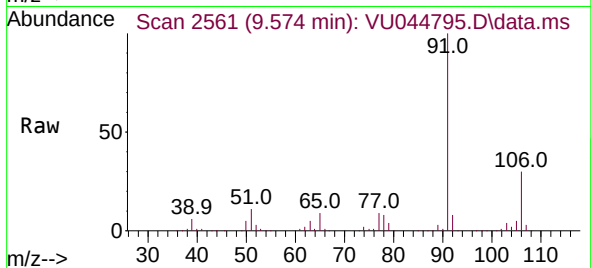
Acq: 23 Sep 2021 19:20

Tgt Ion: 91 Resp: 516207

Ion Ratio Lower Upper

91 100

106 30.1 21.2 39.4



#53

m,p-Xylene

Concen: 51.293 ug/L

RT: 9.697 min Scan# 2599

Delta R.T. -0.003 min

Lab File: VU044795.D

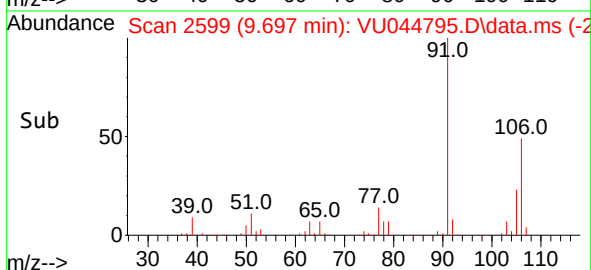
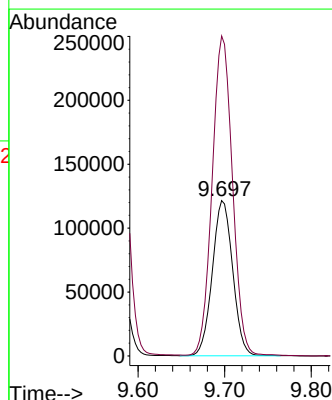
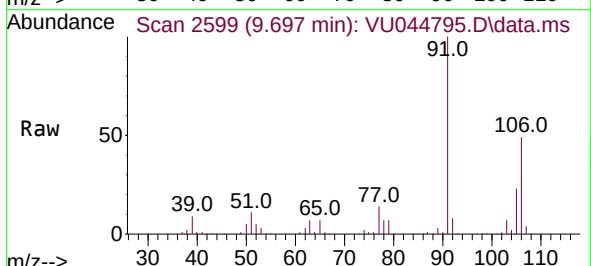
Acq: 23 Sep 2021 19:20

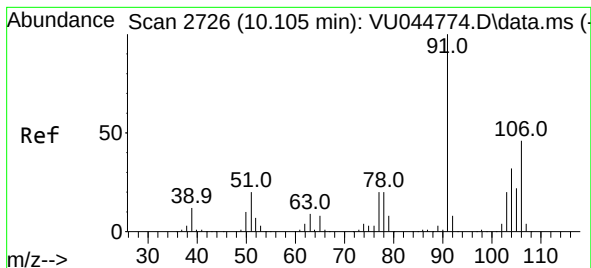
Tgt Ion:106 Resp: 197813

Ion Ratio Lower Upper

106 100

91 205.9 146.7 272.4





#54

o-xylene

Concen: 50.962 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044795.D

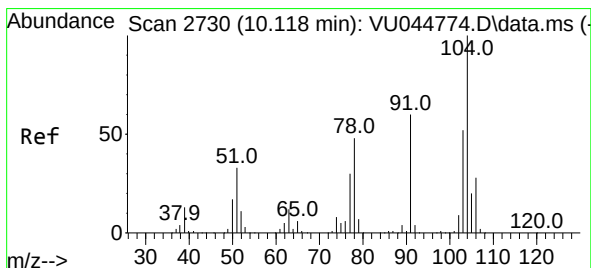
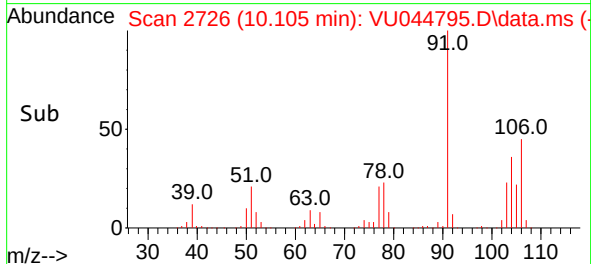
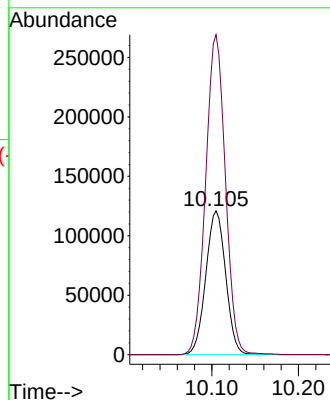
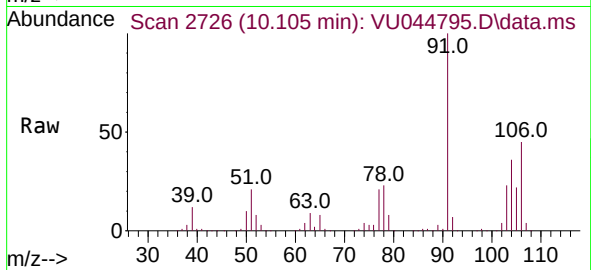
Acq: 23 Sep 2021 19:20

Tgt Ion:106 Resp: 193131

Ion Ratio Lower Upper

106 100

91 222.6 152.9 283.9



#55

Styrene

Concen: 52.219 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044795.D

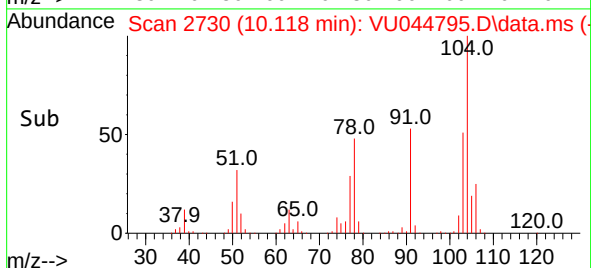
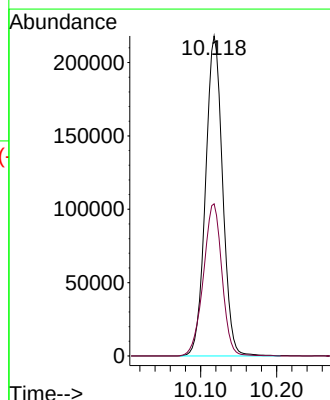
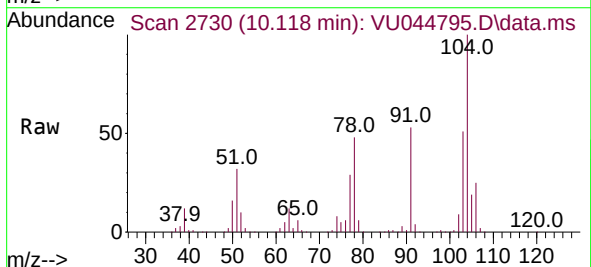
Acq: 23 Sep 2021 19:20

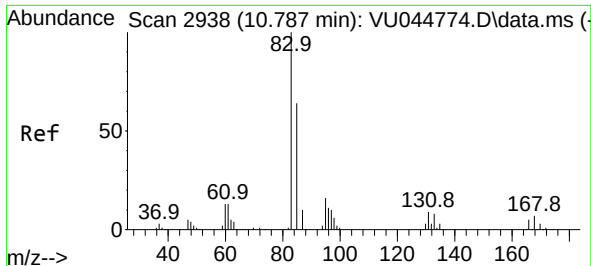
Tgt Ion:104 Resp: 340315

Ion Ratio Lower Upper

104 100

78 47.6 33.3 61.9

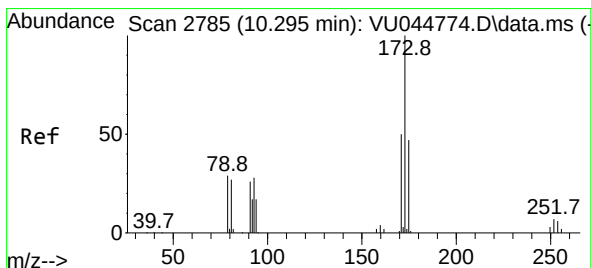
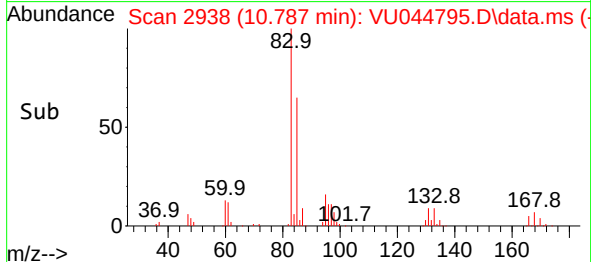
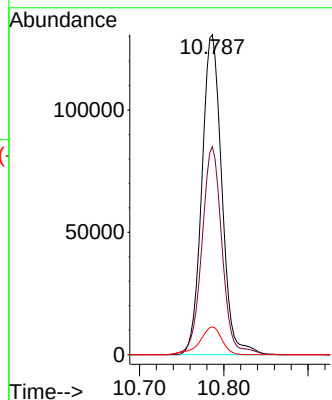
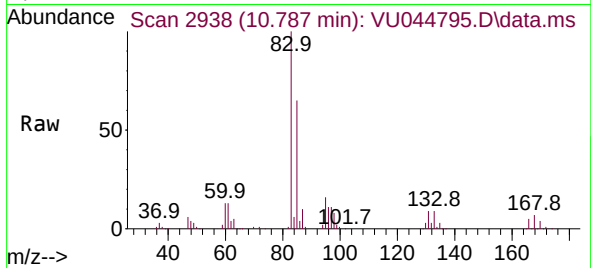




#57
1,1,2,2-Tetrachloroethane
Concen: 48.079 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

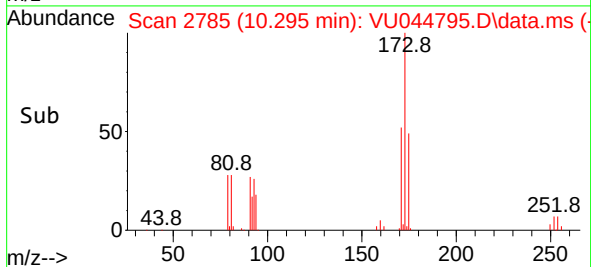
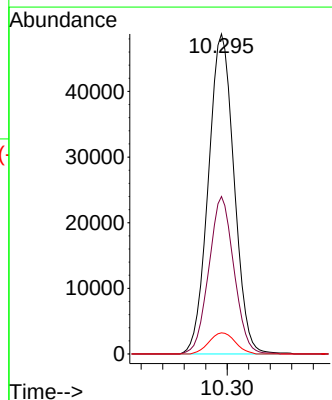
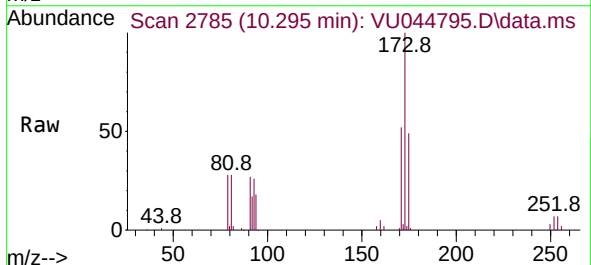
Instrument :
MSVOA_U
ClientSampleId :

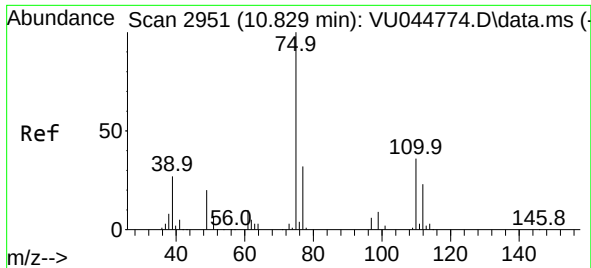
Tgt Ion: 83 Resp: 215440
Ion Ratio Lower Upper
83 100
85 65.0 45.1 83.7
131 8.7 6.9 10.3



#59
Bromoform
Concen: 49.801 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 173 Resp: 80958
Ion Ratio Lower Upper
173 100
175 48.0 38.4 57.6
254 6.7 5.3 7.9

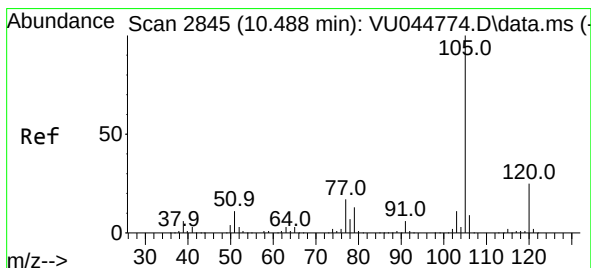
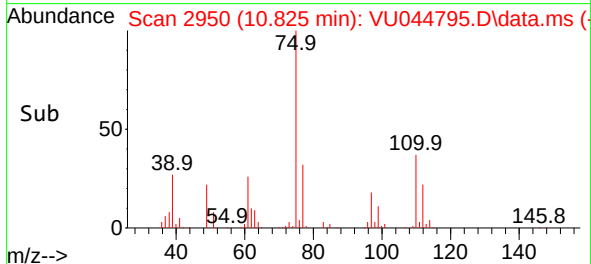
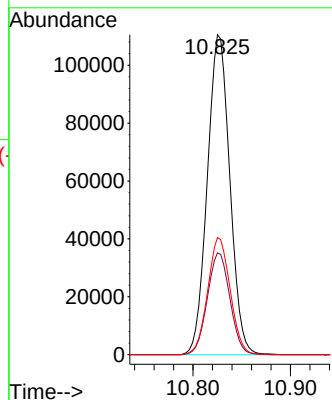
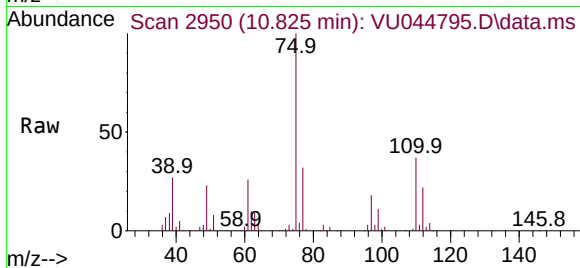




#60
1,2,3-Trichloropropane
Concen: 48.907 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

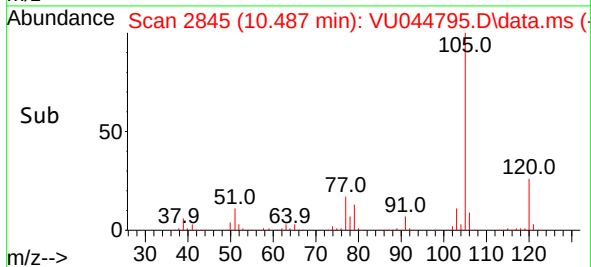
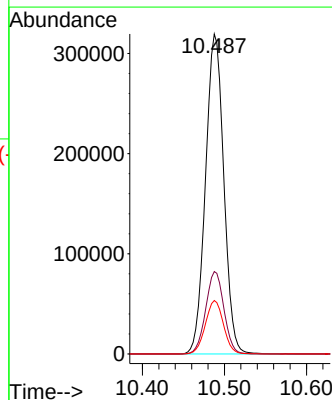
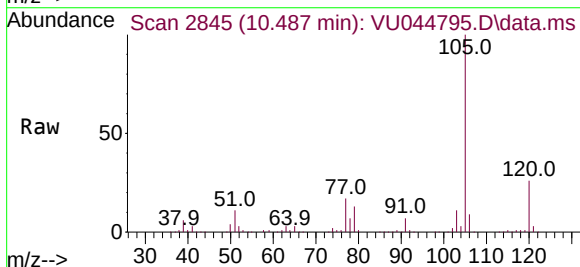
Instrument :
MSVOA_U
ClientSampleId :

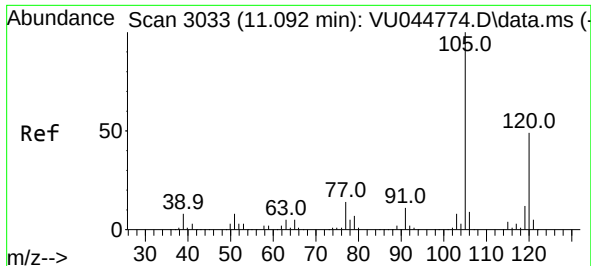
Tgt Ion:	75	Resp:	177305
Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.5	38.3
110	36.6	29.0	43.4



#61
Isopropylbenzene
Concen: 51.655 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:	105	Resp:	495520
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	16.6	13.5	20.3





#62

1,3,5-Trimethylbenzene

Concen: 52.458 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU044795.D

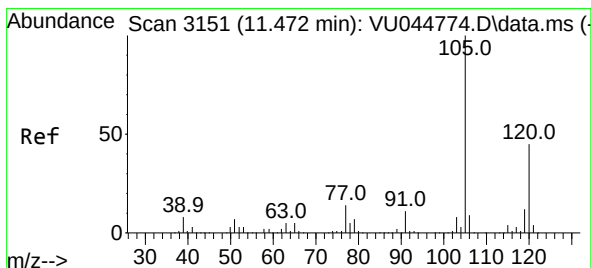
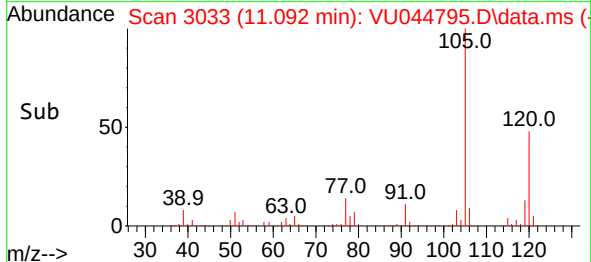
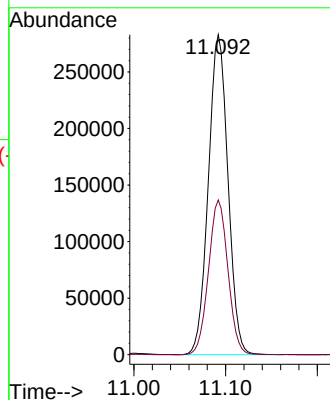
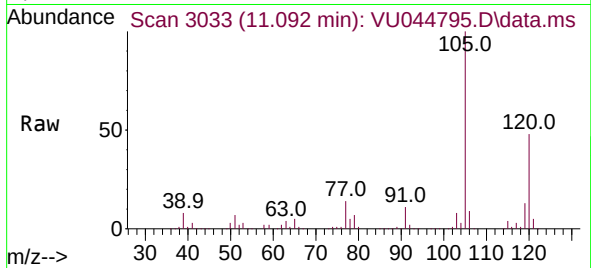
Acq: 23 Sep 2021 19:20

Tgt Ion:105 Resp: 420257

Ion Ratio Lower Upper

105 100

120 47.9 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 52.438 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU044795.D

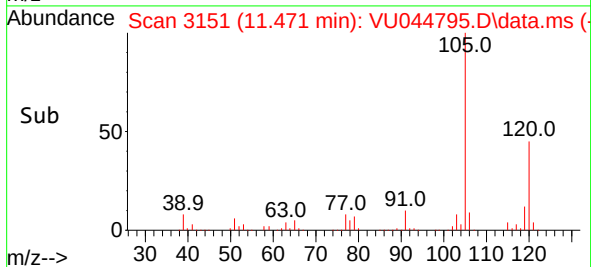
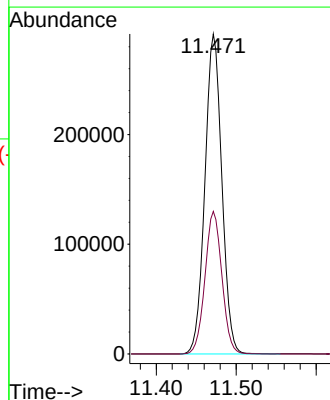
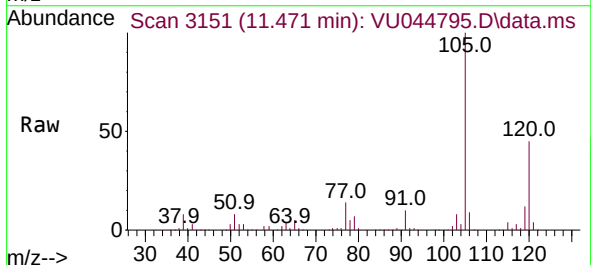
Acq: 23 Sep 2021 19:20

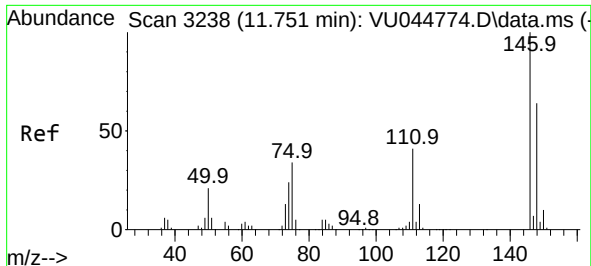
Tgt Ion:105 Resp: 430188

Ion Ratio Lower Upper

105 100

120 44.5 35.7 53.5

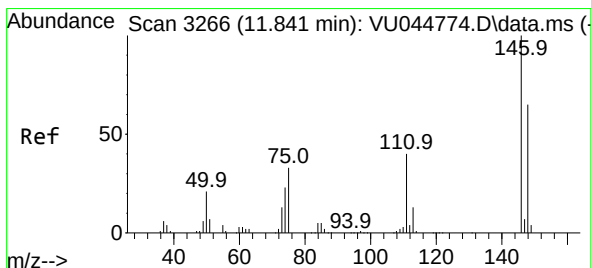
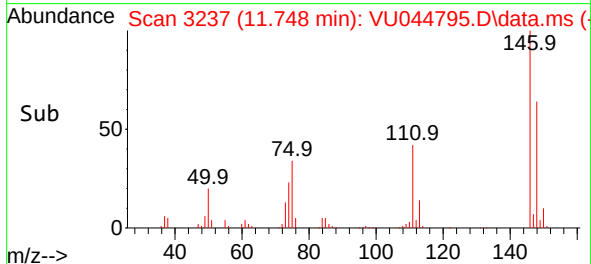
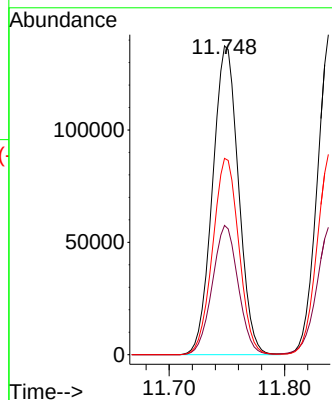
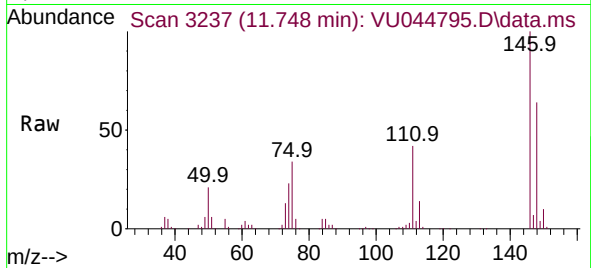




#64
1,3-Dichlorobenzene
Concen: 48.447 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

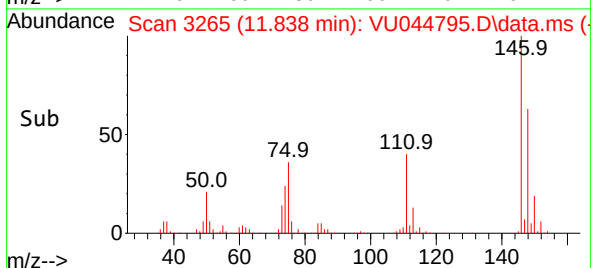
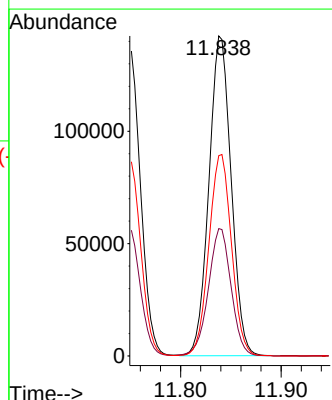
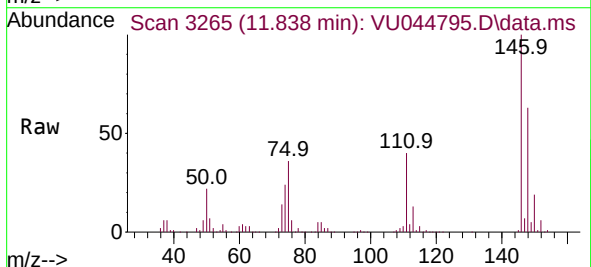
Instrument :
MSVOA_U
ClientSampleId :

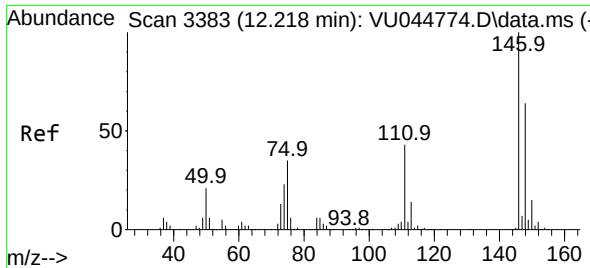
Tgt Ion:146 Resp: 214776
Ion Ratio Lower Upper
146 100
111 41.8 29.0 53.8
148 63.6 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 47.992 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:146 Resp: 218289
Ion Ratio Lower Upper
146 100
111 39.8 28.5 52.9
148 62.6 45.5 84.5

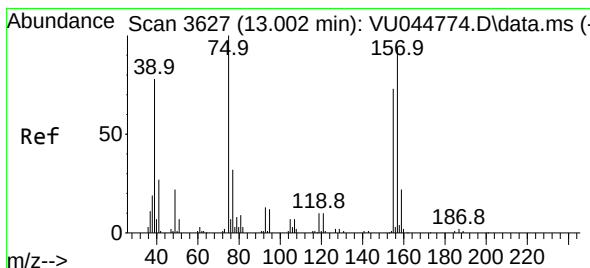
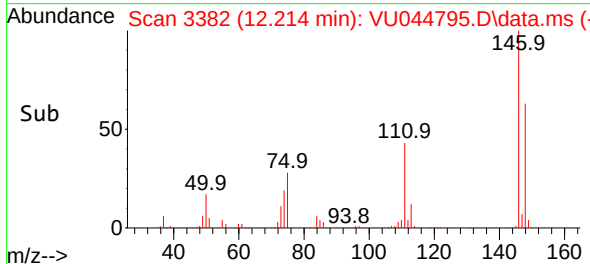
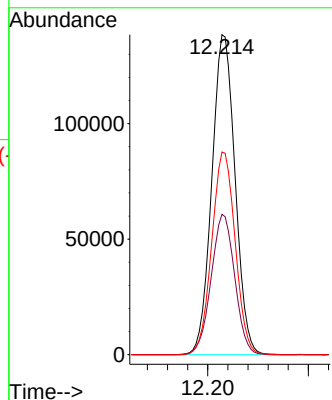
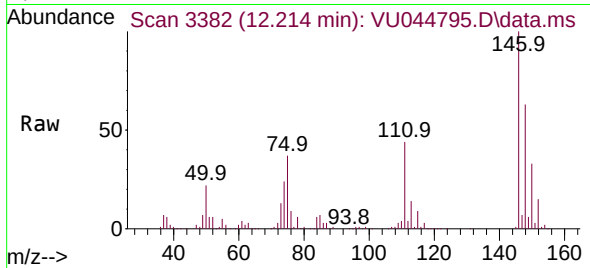




#67
1,2-Dichlorobenzene
Concen: 48.863 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

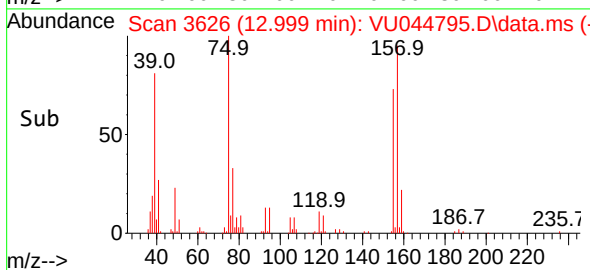
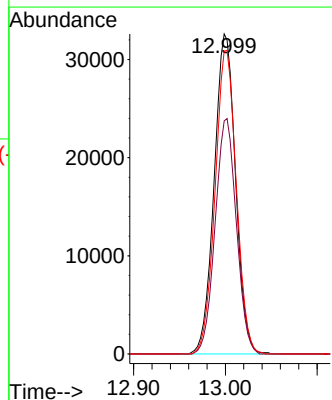
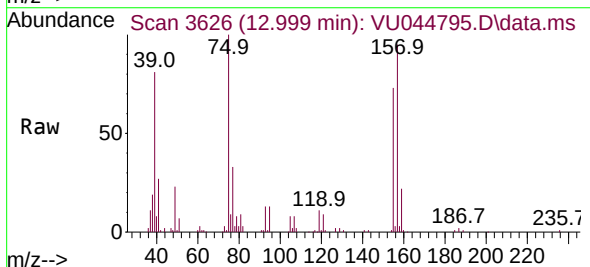
Instrument :
MSVOA_U
ClientSampleId :

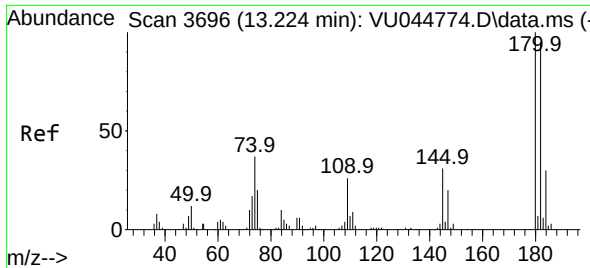
Tgt Ion:146 Resp: 222378
Ion Ratio Lower Upper
146 100
111 43.9 34.7 52.1
148 63.3 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 50.652 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion: 75 Resp: 52772
Ion Ratio Lower Upper
75 100
155 76.2 58.5 87.7
157 94.7 77.7 116.5

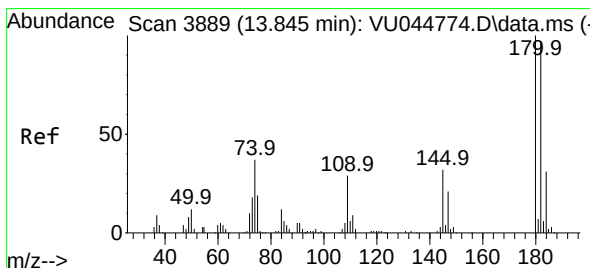
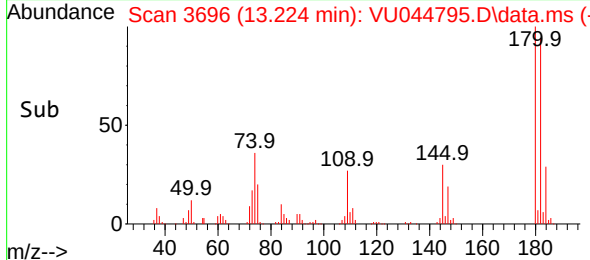
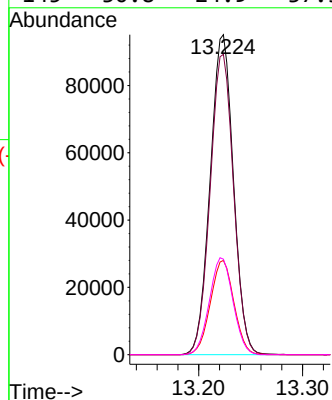
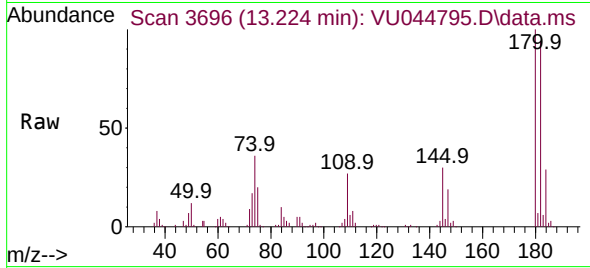




#69
 1,3,5-Trichlorobenzene
 Concen: 47.908 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044795.D
 Acq: 23 Sep 2021 19:20

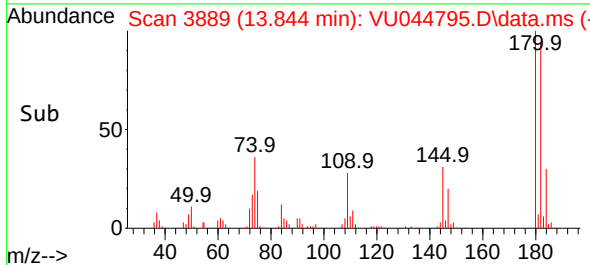
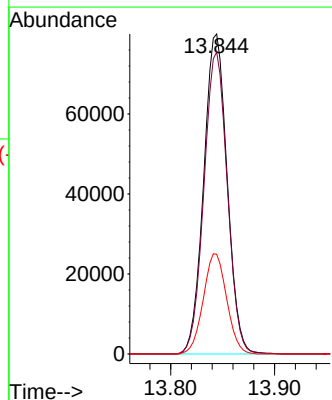
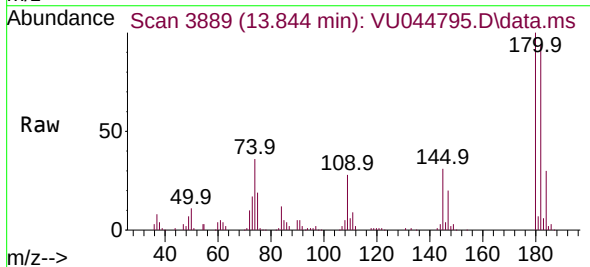
Instrument :
 MSVOA_U
 ClientSampled :

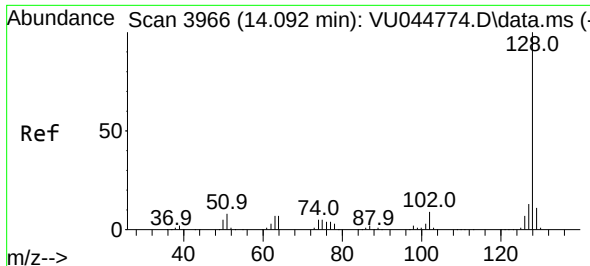
Tgt Ion:	180	Resp:	147393
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.8	115.2
184	29.9	24.4	36.6
145	30.8	24.9	37.3



#70
 1,2,4-trichlorobenzene
 Concen: 49.035 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044795.D
 Acq: 23 Sep 2021 19:20

Tgt Ion:	180	Resp:	125362
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.2	114.2
145	31.3	25.4	38.0

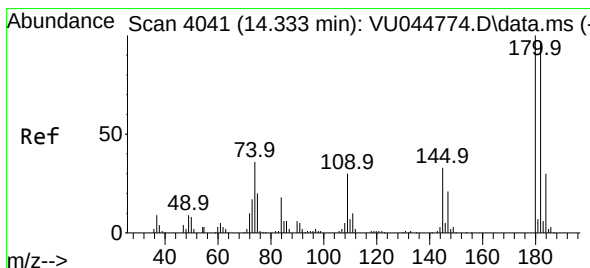
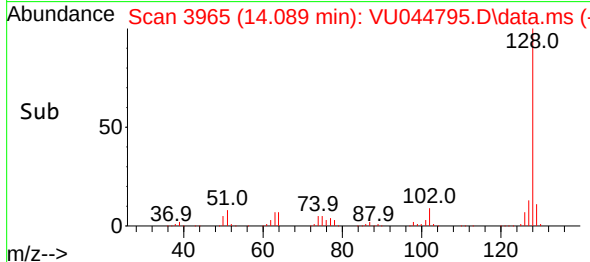
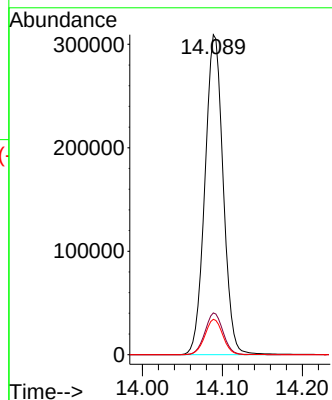
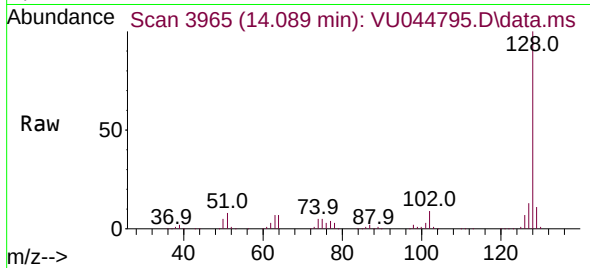




#71
Naphthalene
Concen: 55.396 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 490769
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.357 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044795.D
Acq: 23 Sep 2021 19:20

Tgt Ion:180 Resp: 131720
Ion Ratio Lower Upper
180 100
182 96.0 76.8 115.2
145 33.6 26.5 39.7

