

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044797.D
 Acq On : 23 Sep 2021 20:07
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 05:40:43 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	273669	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	268393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	134616	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	131668	43.950	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.900%
7) Chloroethane-d5	1.909	69	106454	44.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.680%
11) 1,1-Dichloroethene-d2	2.571	63	230320	45.779	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.560%
21) 2-Butanone-d5	4.629	46	244498	103.231	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.230%
24) Chloroform-d	5.070	84	219703	46.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.860%
26) 1,2-Dichloroethane-d4	5.706	65	146188	45.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	5.732	84	435017	46.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
36) 1,2-Dichloropropane-d6	6.697	67	140986	46.427	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.860%
41) Toluene-d8	7.902	98	374804	46.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
43) trans-1,3-Dichloroprop...	8.182	79	61939	45.853	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.700%
47) 2-Hexanone-d5	8.639	63	171749	102.058	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.060%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	213419	45.133	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.260%
66) 1,2-Dichlorobenzene-d4	12.198	152	138333	47.219	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	125085	47.735	ug/L	99
3) Chloromethane	1.520	50	151392	46.351	ug/L	99
5) Vinyl chloride	1.607	62	150691	47.091	ug/L	99
6) Bromomethane	1.851	94	81341	52.997	ug/L	99
8) Chloroethane	1.932	64	94407	47.007	ug/L	100
9) Trichlorofluoromethane	2.141	101	173901	47.480	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	104903	45.379	ug/L	99
12) 1,1-Dichloroethene	2.584	96	101846	48.057	ug/L	92
13) Acetone	2.632	43	157887	57.669	ug/L	99
14) Carbon disulfide	2.796	76	324041	47.727	ug/L	100
15) Methyl Acetate	2.954	43	168002	49.755	ug/L	99
16) Methylene chloride	3.050	84	124157	46.243	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	108904	48.782	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	367429	49.914	ug/L	99
19) 1,1-Dichloroethane	3.877	63	221902	47.778	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	124581	50.642	ug/L	98
22) 2-Butanone	4.710	43	253975	82.884	ug/L	100
23) Bromochloromethane	4.983	128	59860	48.000	ug/L	97
25) Chloroform	5.092	83	218600	47.345	ug/L	100

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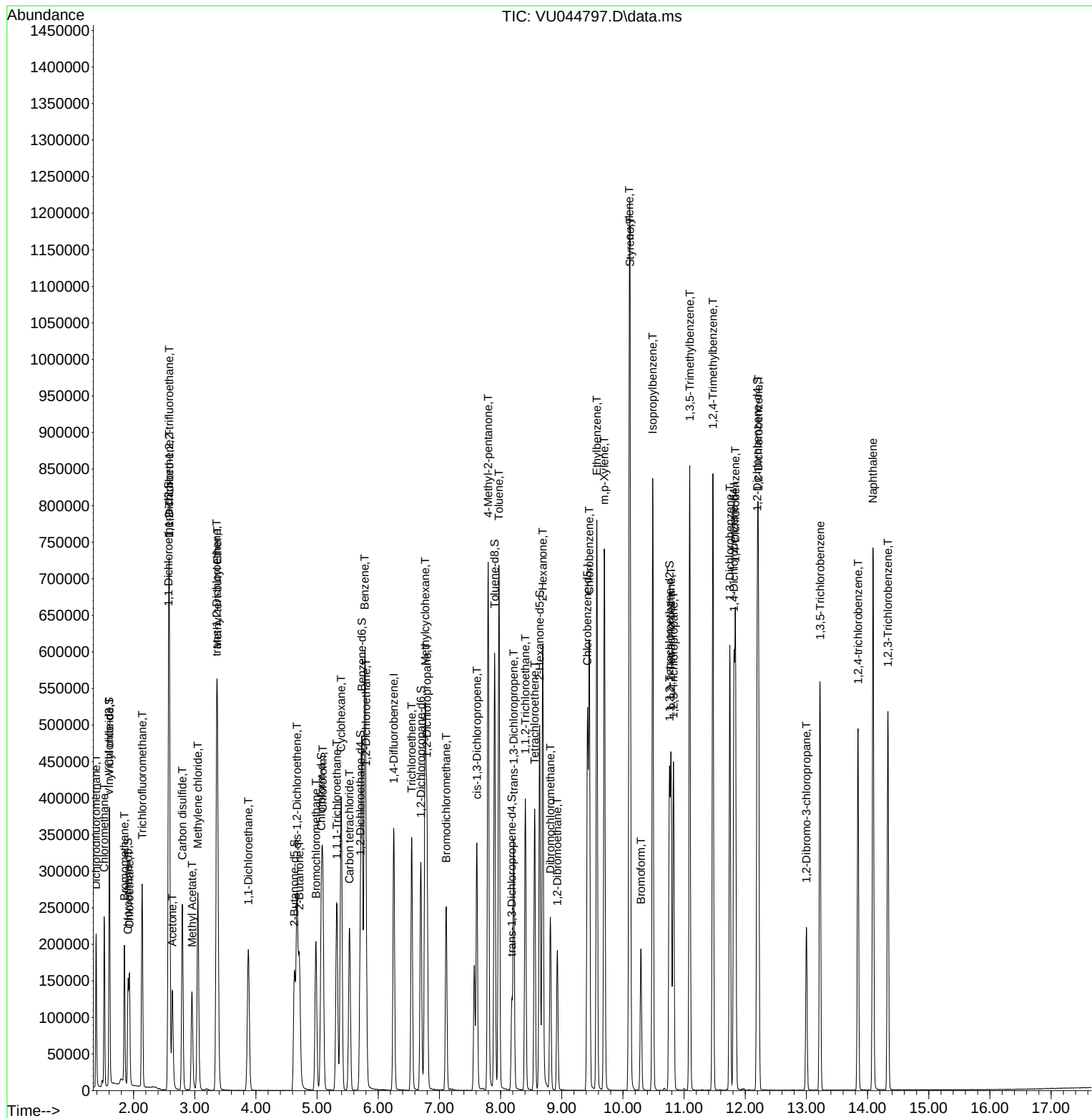
Instrument :
 MSVOA_U
 ClientSampleId :

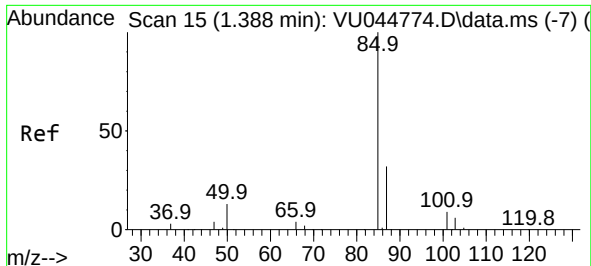
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	183474	47.510	ug/L	99
29) Cyclohexane	5.394	56	201117	49.852	ug/L	100
30) 1,1,1-Trichloroethane	5.320	97	180071	48.467	ug/L	99
31) Carbon tetrachloride	5.529	117	143281	48.828	ug/L	100
33) Benzene	5.780	78	485147	48.736	ug/L	100
34) Trichloroethene	6.545	95	115063	48.124	ug/L	97
35) Methylcyclohexane	6.767	83	191851	47.927	ug/L	99
37) 1,2-Dichloropropane	6.796	63	130321	48.083	ug/L	99
38) Bromodichloromethane	7.111	83	160679	48.364	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	187518	48.353	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	466362	103.005	ug/L	99
42) Toluene	7.973	91	500082	49.443	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	177660	48.179	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	117761	47.944	ug/L	99
46) Tetrachloroethene	8.558	164	80796	47.277	ug/L	99
48) 2-Hexanone	8.690	43	384405	95.744	ug/L	99
49) Dibromochloromethane	8.816	129	117559	48.394	ug/L	99
50) 1,2-Dibromoethane	8.928	107	125536	48.815	ug/L	99
51) Chlorobenzene	9.449	112	298027	47.729	ug/L	100
52) Ethylbenzene	9.574	91	527368	49.357	ug/L	99
53) m,p-Xylene	9.697	106	205180	50.691	ug/L	97
54) o-xylene	10.105	106	201864	50.752	ug/L	98
55) Styrene	10.118	104	347418	50.791	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	218789	46.521	ug/L	100
59) Bromoform	10.295	173	83692	50.129	ug/L	99
60) 1,2,3-Trichloropropane	10.828	75	181226	48.674	ug/L	100
61) Isopropylbenzene	10.487	105	518507	52.631	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	434125	52.765	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	446815	53.033	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	225306	49.487	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	226278	48.441	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	233730	50.008	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	55605	51.968	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	159400	50.449	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	137327	52.303	ug/L	100
71) Naphthalene	14.089	128	551735	60.640	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	148431	55.253	ug/L	98

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

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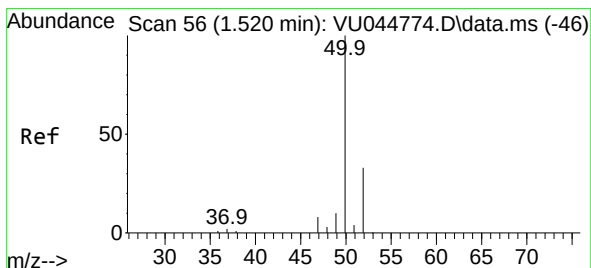
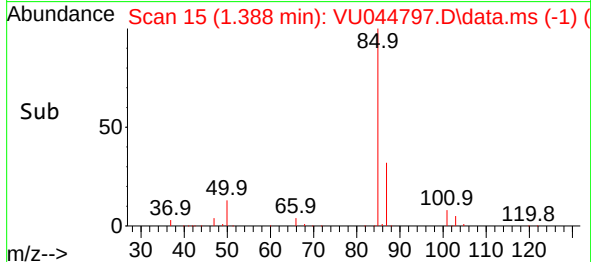
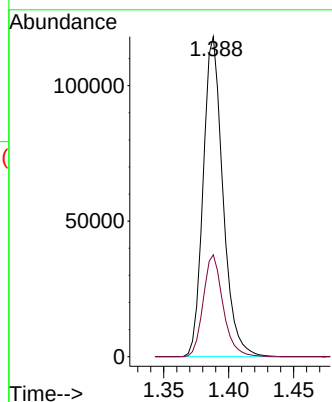
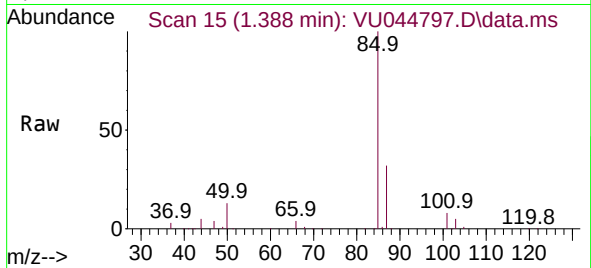




#2
Dichlorodifluoromethane
Concen: 47.735 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

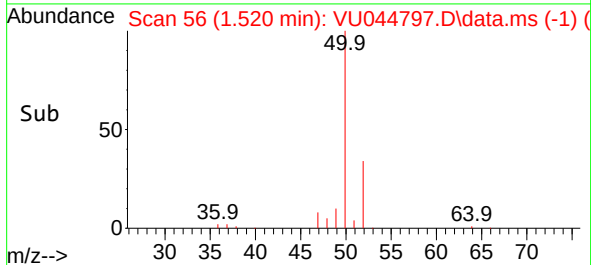
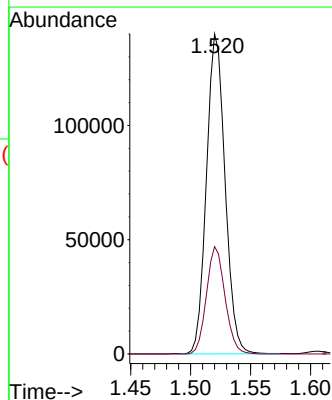
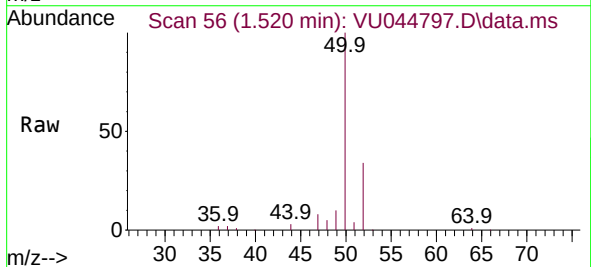
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MSVOA_U
ClientSampled :

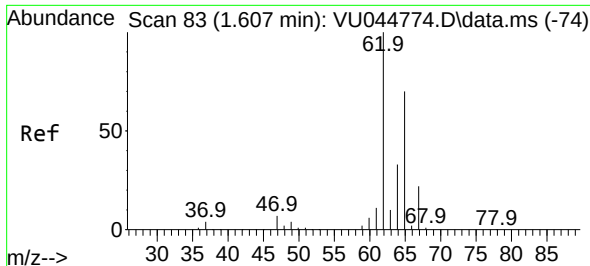
Tgt Ion: 85 Resp: 125085
Ion Ratio Lower Upper
85 100
87 31.9 25.2 37.8



#3
Chloromethane
Concen: 46.351 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 50 Resp: 151392
Ion Ratio Lower Upper
50 100
52 33.6 23.0 42.8

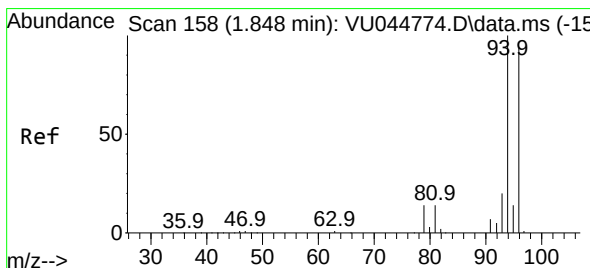
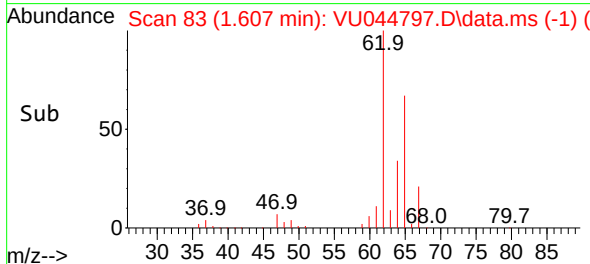
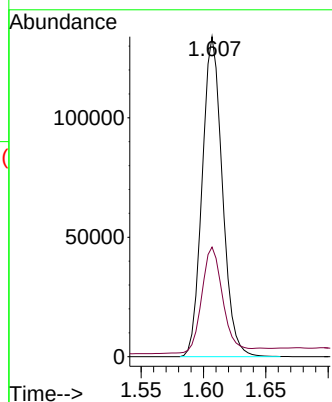
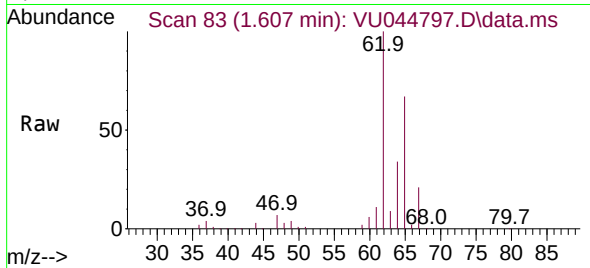




#5
 Vinyl chloride
 Concen: 47.091 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

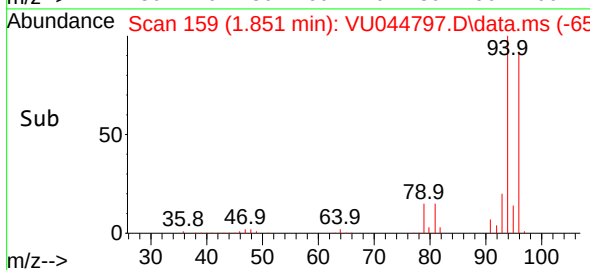
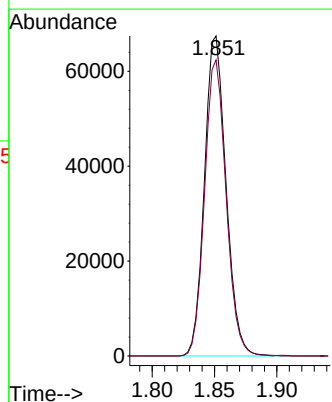
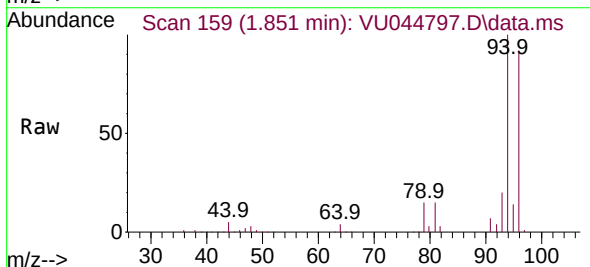
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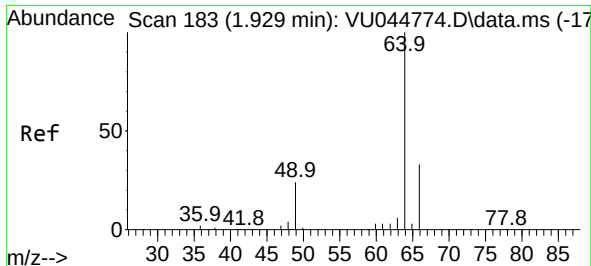
Tgt Ion: 62 Resp: 150691
 Ion Ratio Lower Upper
 62 100
 64 34.3 23.4 43.6



#6
 Bromomethane
 Concen: 52.997 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

Tgt Ion: 94 Resp: 81341
 Ion Ratio Lower Upper
 94 100
 96 92.5 65.7 121.9

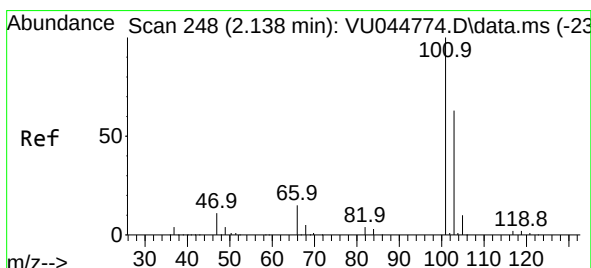
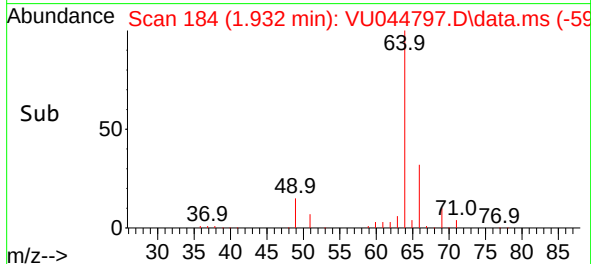
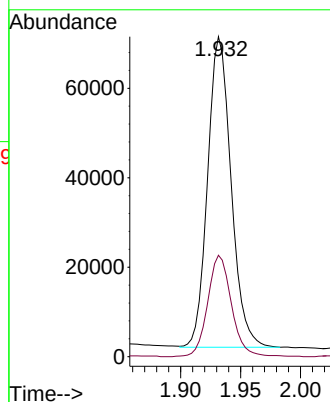
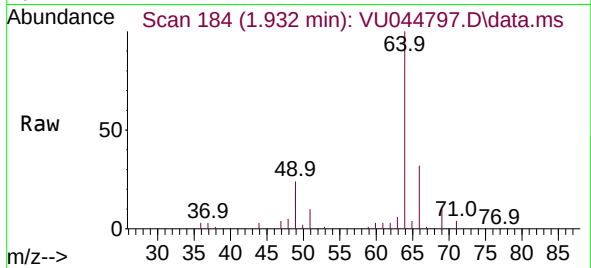




#8
Chloroethane
Concen: 47.007 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

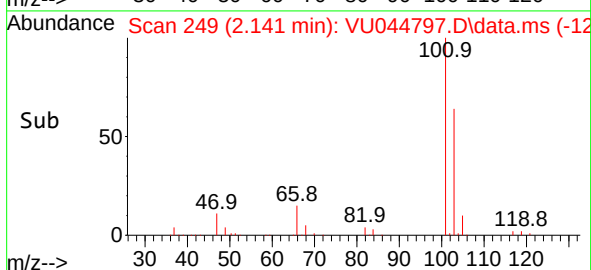
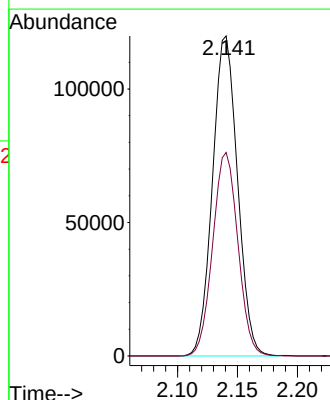
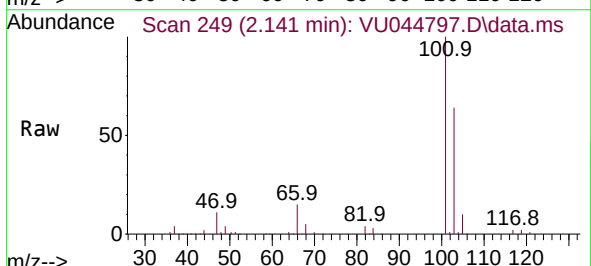
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MSVOA_U
ClientSampled :

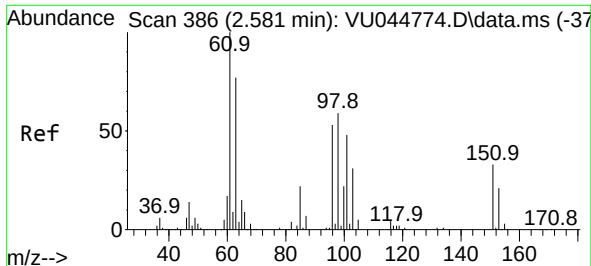
Tgt Ion: 64 Resp: 94407
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.3



#9
Trichlorofluoromethane
Concen: 47.480 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:101 Resp: 173901
Ion Ratio Lower Upper
101 100
103 64.0 50.9 76.3

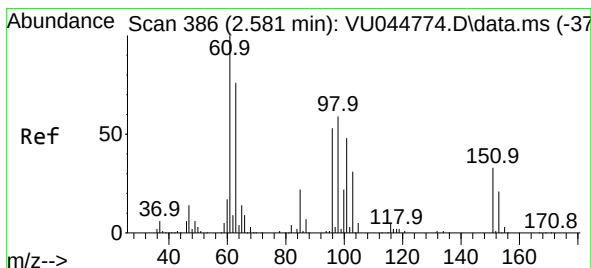
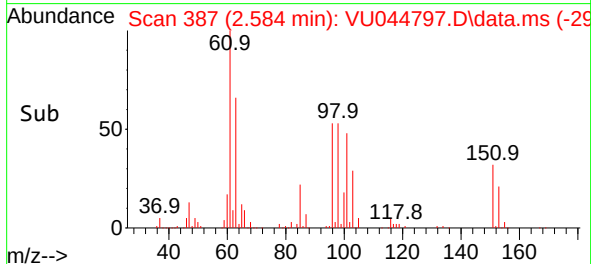
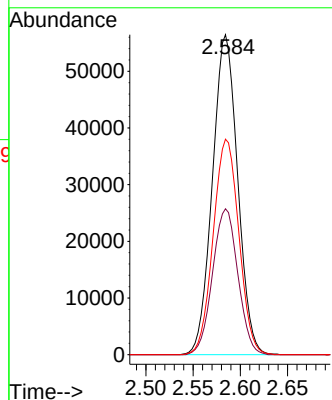
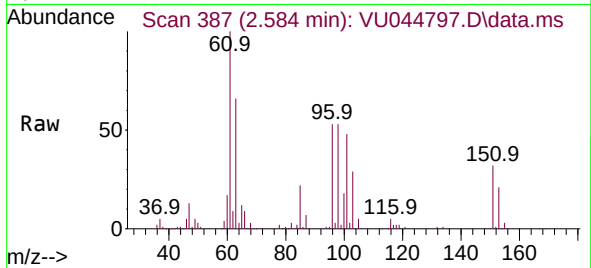




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.379 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

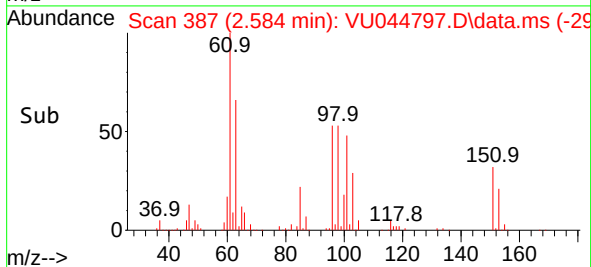
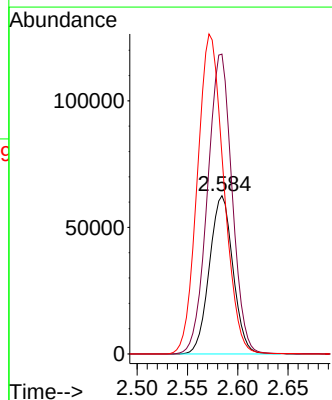
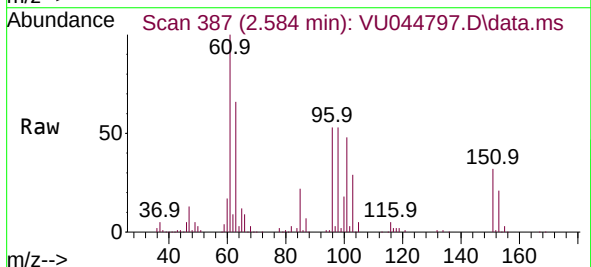
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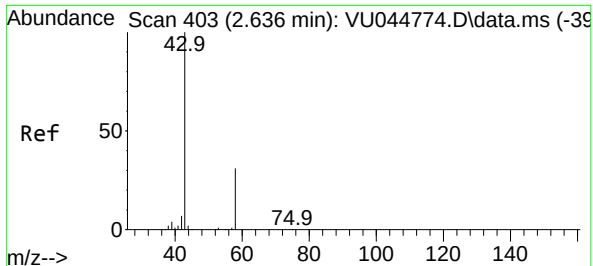
Tgt Ion:101 Resp: 104903
 Ion Ratio Lower Upper
 101 100
 85 45.7 36.4 54.6
 151 68.6 54.4 81.6



#12
 1,1-Dichloroethene
 Concen: 48.057 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.003 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

Tgt Ion: 96 Resp: 101846
 Ion Ratio Lower Upper
 96 100
 61 189.5 131.3 243.9
 63 125.5 102.5 190.3

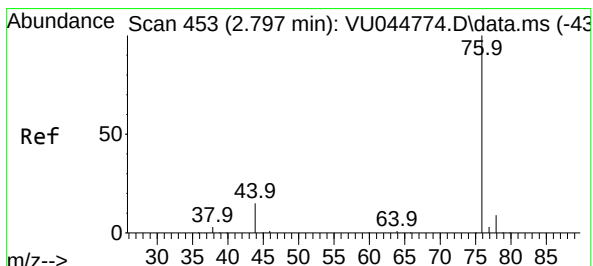
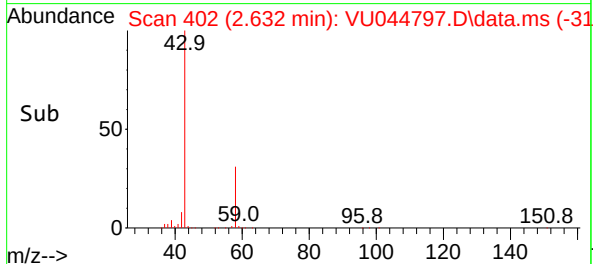
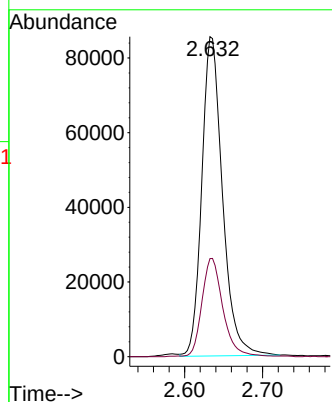
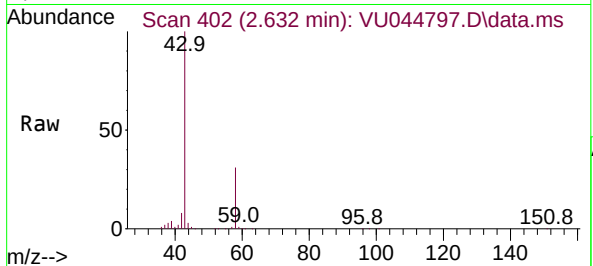




#13
Acetone
Concen: 57.669 ug/L
RT: 2.632 min Scan# 402
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

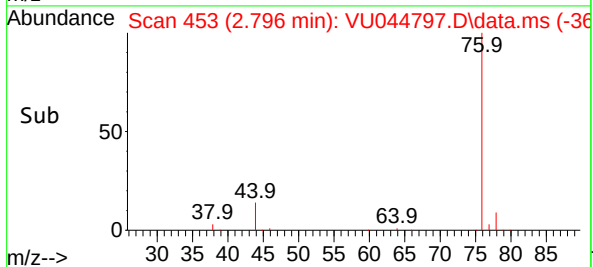
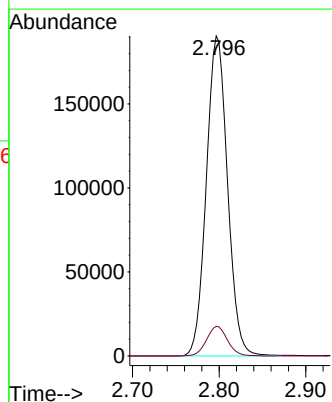
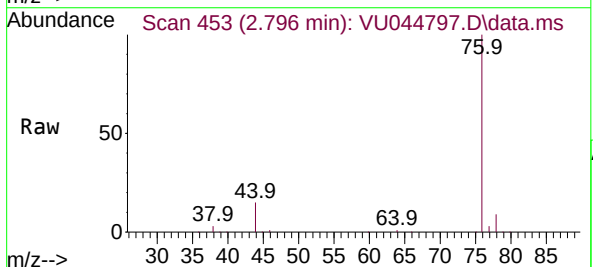
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MSVOA_U
ClientSampled :

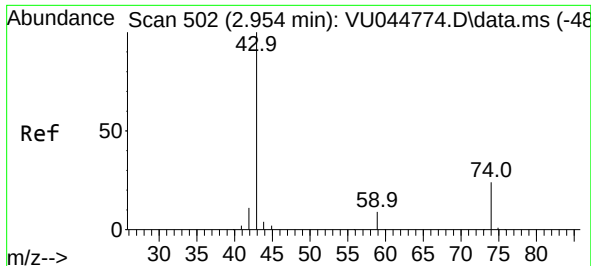
Tgt Ion: 43 Resp: 157887
Ion Ratio Lower Upper
43 100
58 30.7 0.0 62.8



#14
Carbon disulfide
Concen: 47.727 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 76 Resp: 324041
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

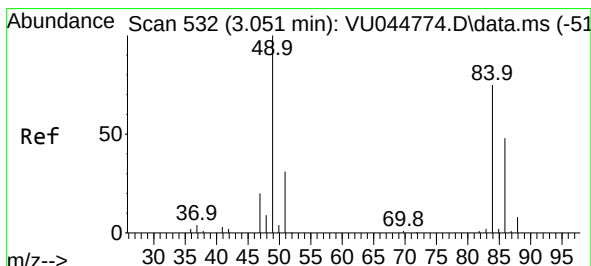
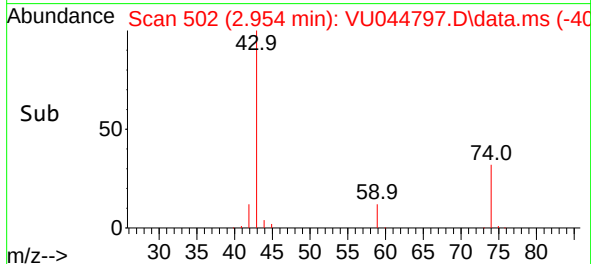
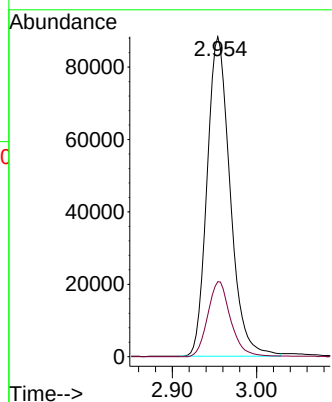
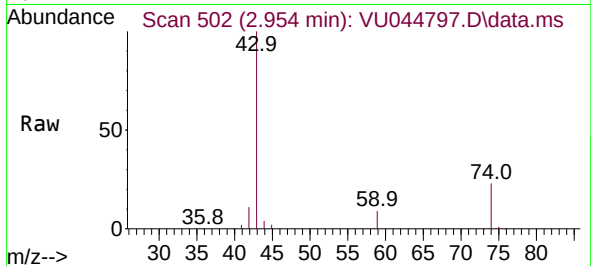




#15
Methyl Acetate
Concen: 49.755 ug/L
RT: 2.954 min Scan# 502
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

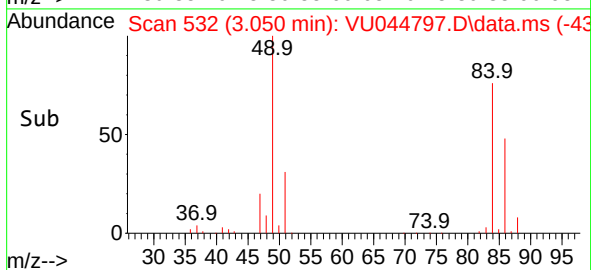
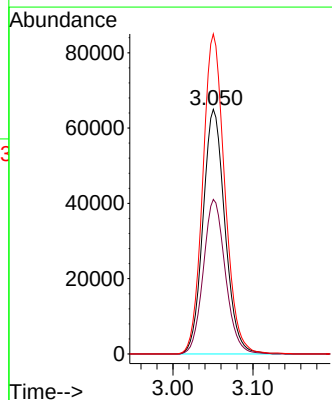
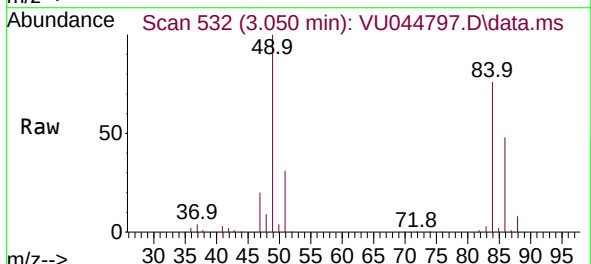
Instrument :
MSVOA_U
ClientSampled :

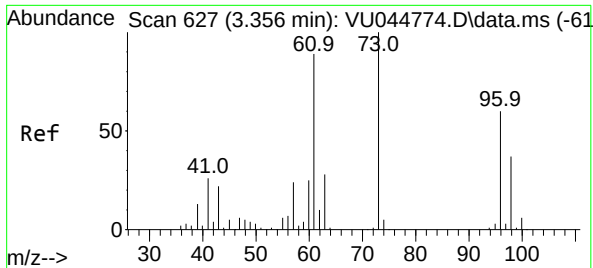
Tgt Ion: 43 Resp: 168002
Ion Ratio Lower Upper
43 100
74 23.3 18.4 27.6



#16
Methylene chloride
Concen: 46.243 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 84 Resp: 124157
Ion Ratio Lower Upper
84 100
86 63.2 44.7 83.1
49 130.8 92.9 172.5

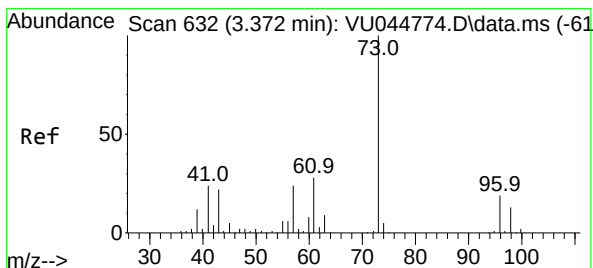
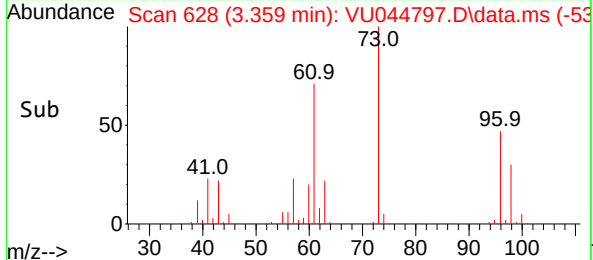
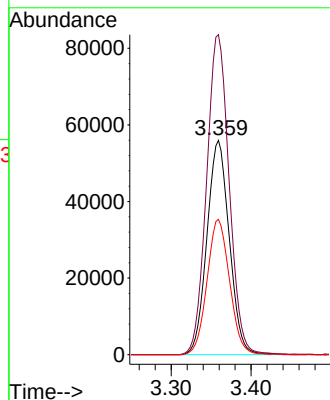
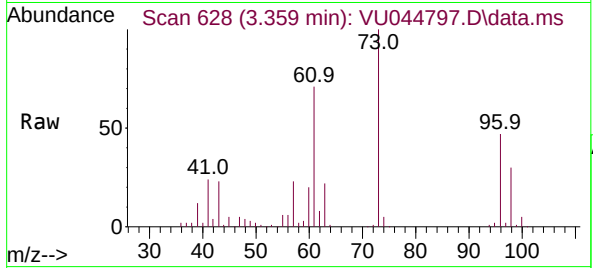




#17
trans-1,2-Dichloroethene
Concen: 48.782 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

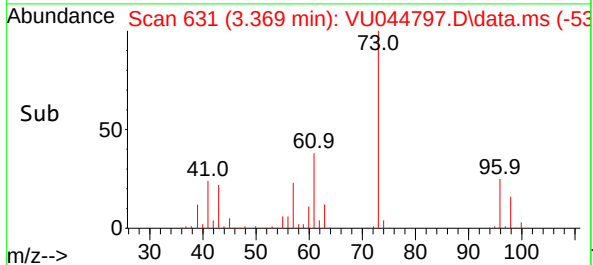
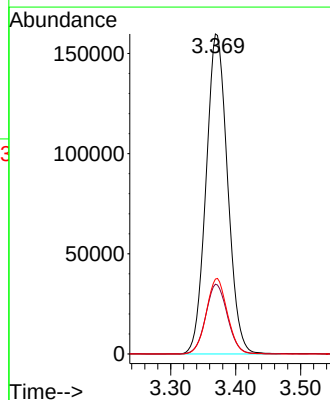
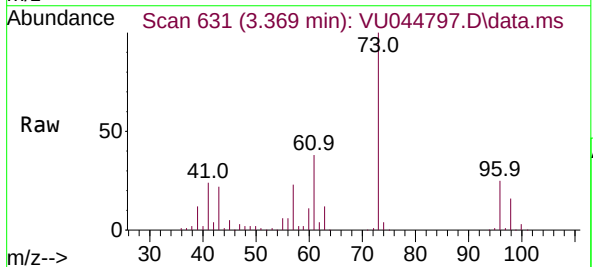
Instrument :
MSVOA_U
ClientSampleId :

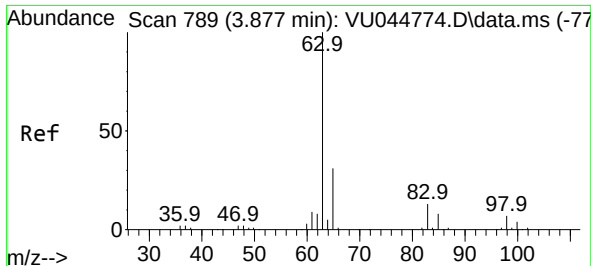
Tgt Ion: 96 Resp: 108904
Ion Ratio Lower Upper
96 100
61 149.2 105.1 195.3
98 63.1 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 49.914 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 73 Resp: 367429
Ion Ratio Lower Upper
73 100
43 22.1 17.3 25.9
57 23.2 18.7 28.1





#19

1,1-Dichloroethane

Concen: 47.778 ug/L

RT: 3.877 min Scan# 789

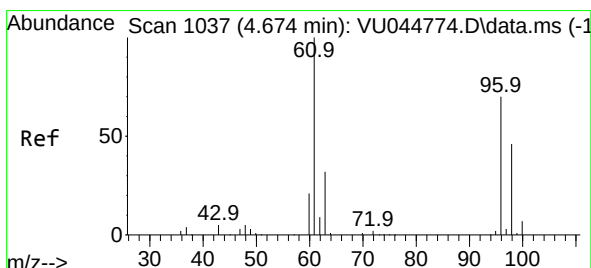
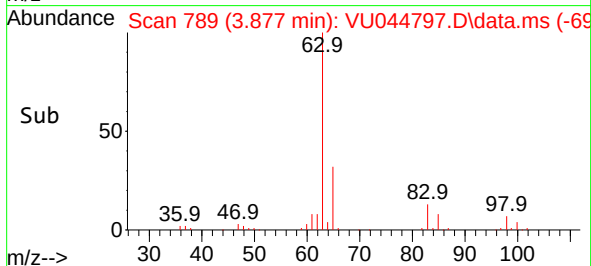
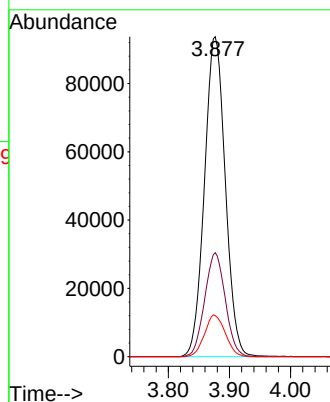
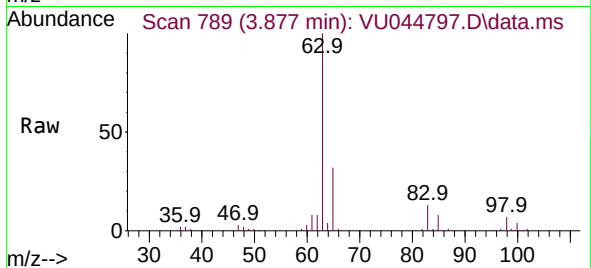
Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion:	63	Resp:	221902
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.0	40.8
83	12.8	9.0	16.6

Instrument :
MSVOA_U
ClientSampleId :



#20

cis-1,2-Dichloroethene

Concen: 50.642 ug/L

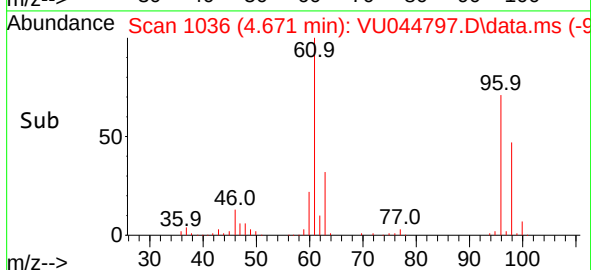
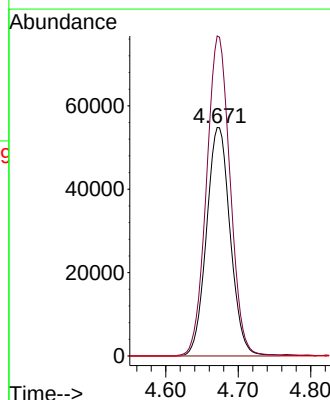
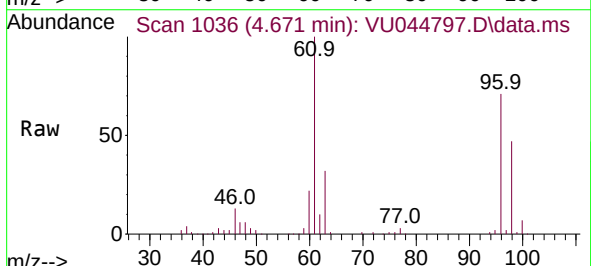
RT: 4.671 min Scan# 1036

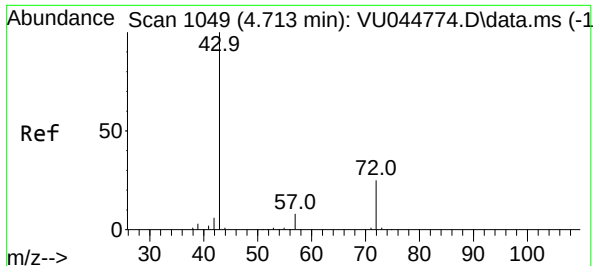
Delta R.T. -0.003 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion:	96	Resp:	124581
Ion	Ratio	Lower	Upper
96	100		
61	140.1	100.2	186.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 82.884 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU044797.D

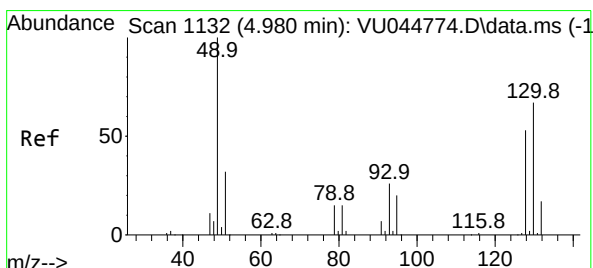
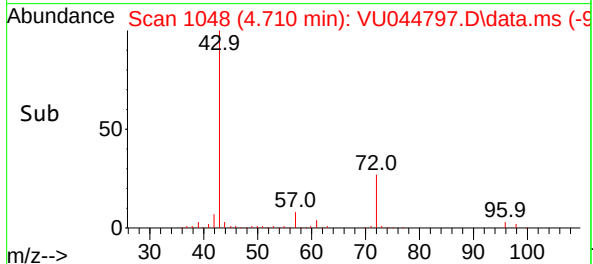
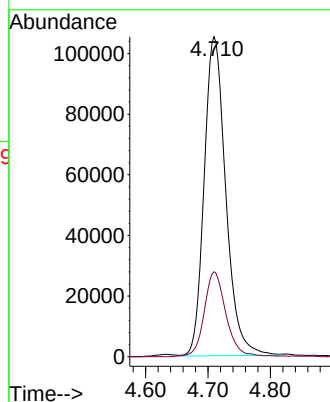
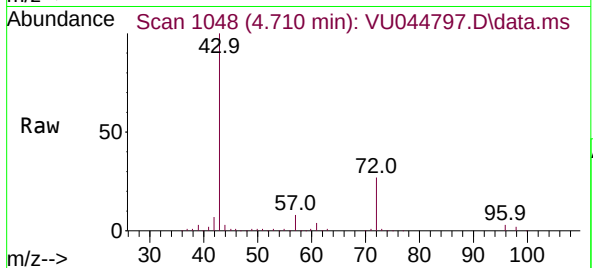
Acq: 23 Sep 2021 20:07

Tgt Ion: 43 Resp: 253975

Ion Ratio Lower Upper

43 100

72 26.6 13.3 39.9



#23

Bromochloromethane

Concen: 48.000 ug/L

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion:128 Resp: 59860

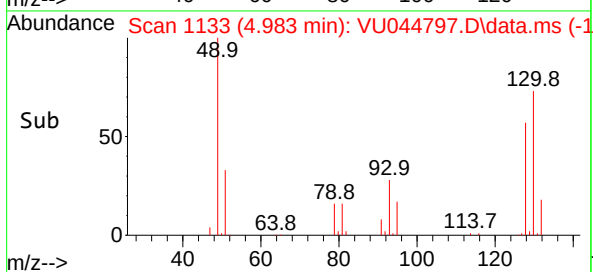
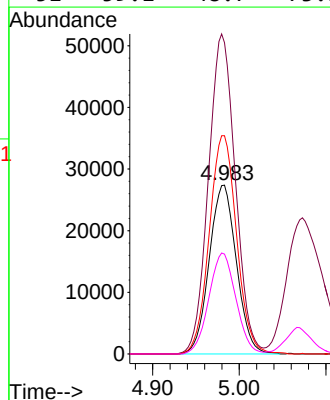
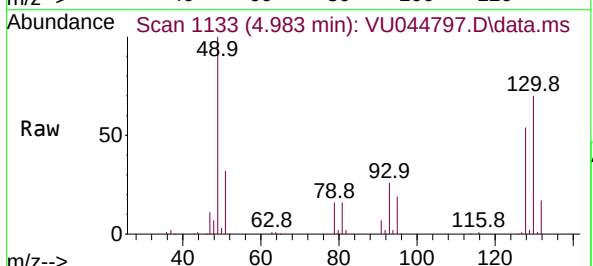
Ion Ratio Lower Upper

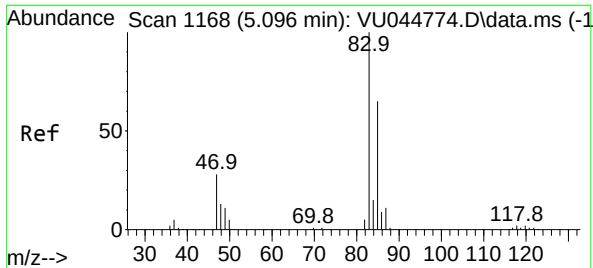
128 100

49 184.3 132.9 246.7

130 129.2 88.2 163.8

51 59.1 48.7 73.1



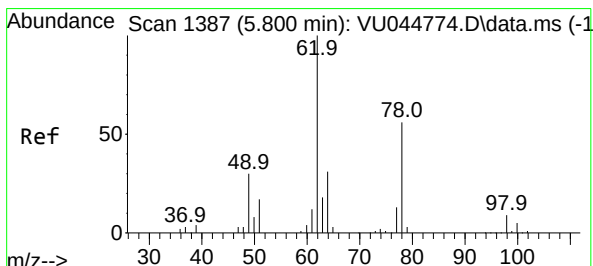
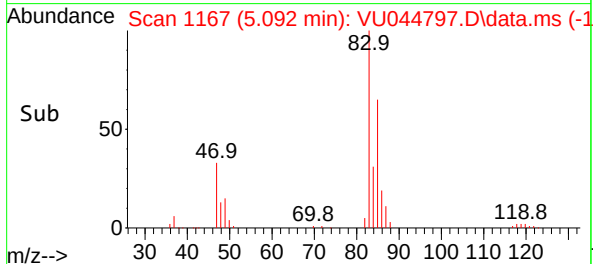
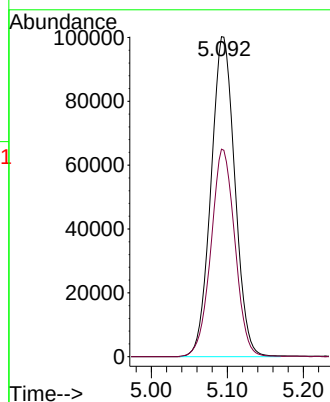
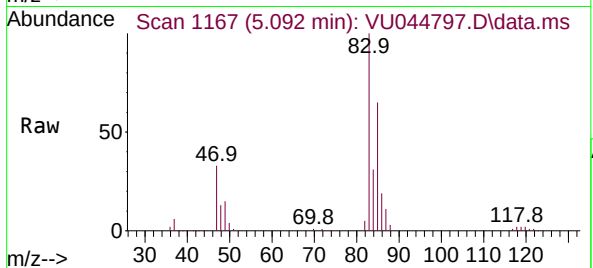


#25

Chloroform
Concen: 47.345 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Instrument :
MSVOA_U
ClientSampled :

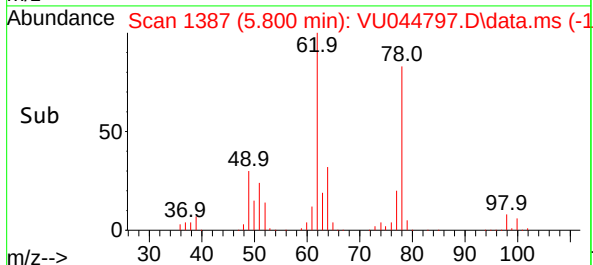
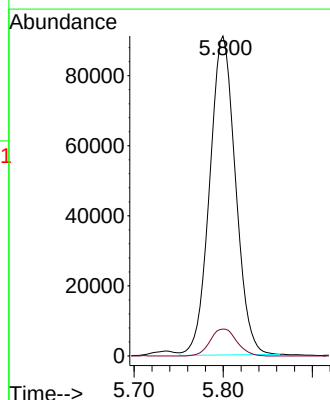
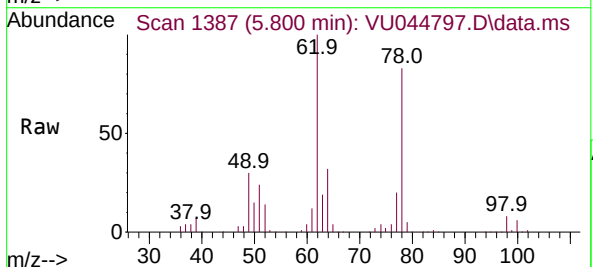
Tgt Ion: 83 Resp: 218600
Ion Ratio Lower Upper
83 100
85 64.9 45.6 84.6

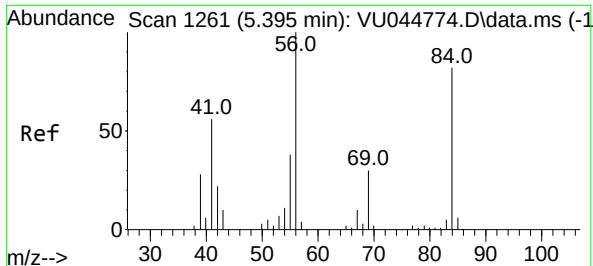


#27

1,2-Dichloroethane
Concen: 47.510 ug/L
RT: 5.800 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 62 Resp: 183474
Ion Ratio Lower Upper
62 100
98 8.4 7.1 10.7





#29

Cyclohexane

Concen: 49.852 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion: 56 Resp: 201117

Ion Ratio Lower Upper

56 100

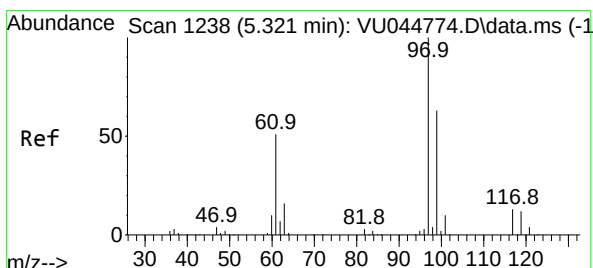
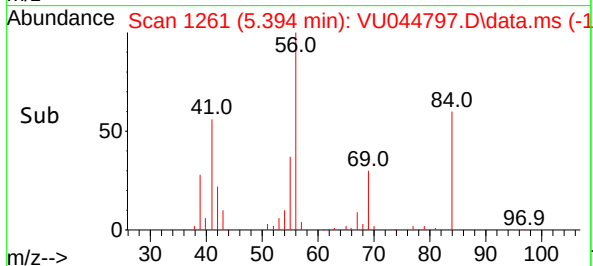
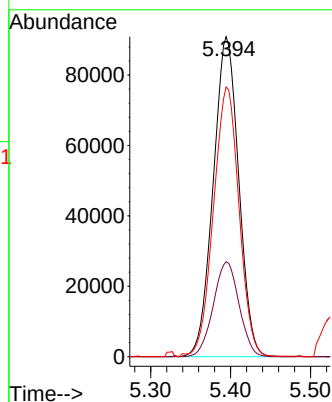
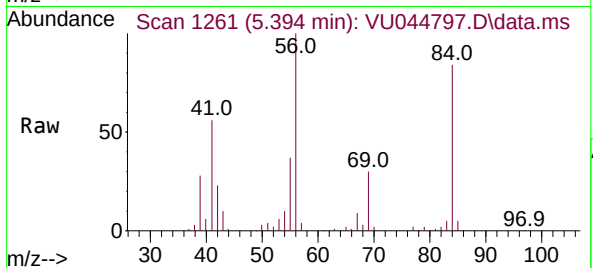
69 29.9 23.8 35.8

84 84.0 66.8 100.2

Instrument :

MSVOA_U

ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 48.467 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

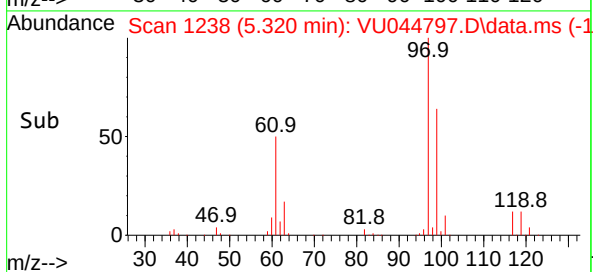
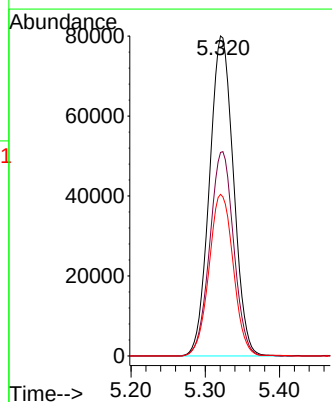
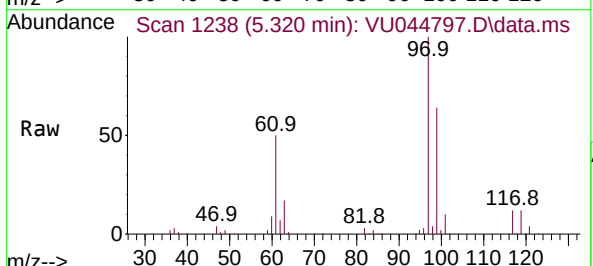
Tgt Ion: 97 Resp: 180071

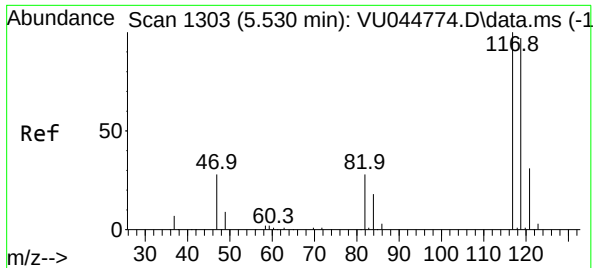
Ion Ratio Lower Upper

97 100

99 63.7 50.6 75.8

61 50.9 41.3 61.9

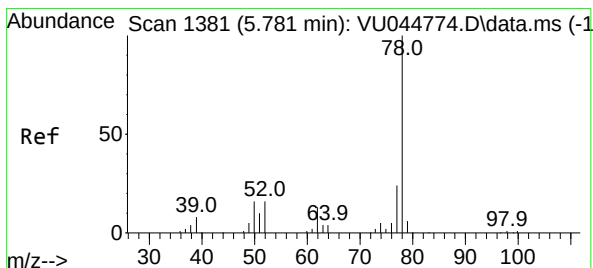
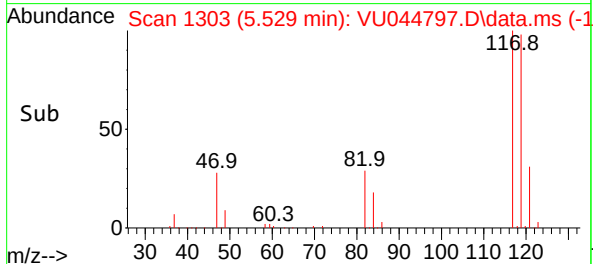
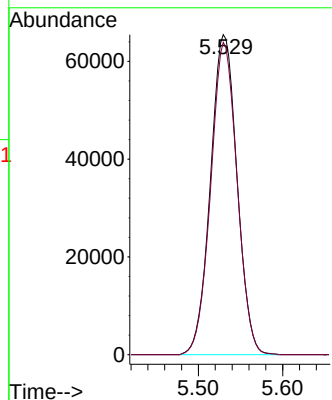
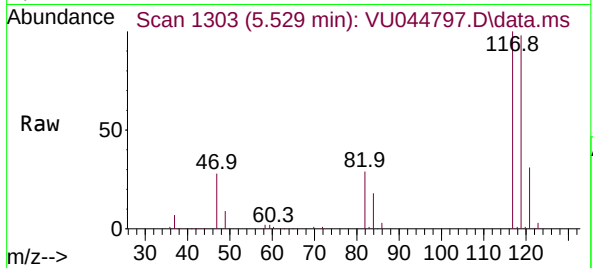




#31
Carbon tetrachloride
Concen: 48.828 ug/L
RT: 5.529 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

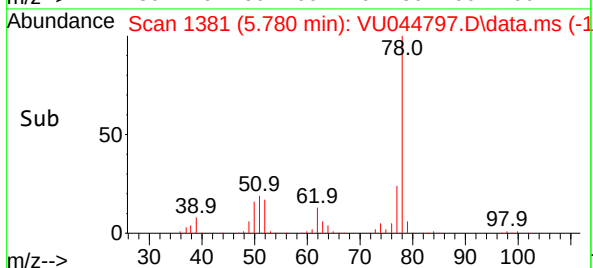
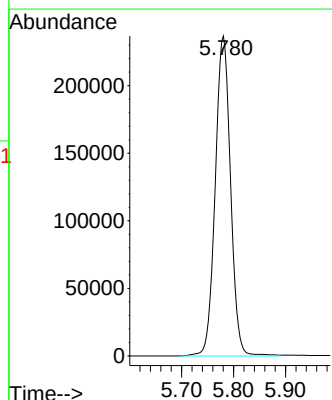
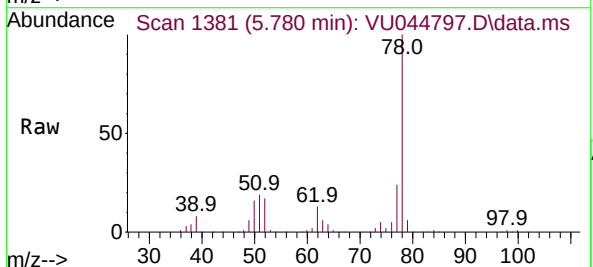
Instrument :
MSVOA_U
ClientSampled :

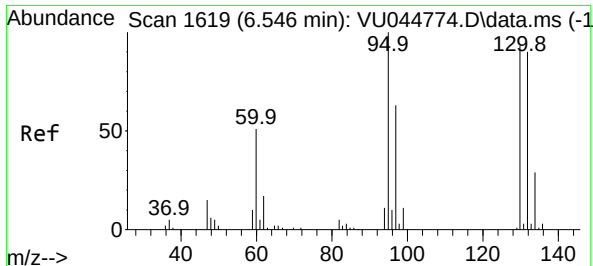
Tgt Ion:117 Resp: 143281
Ion Ratio Lower Upper
117 100
119 96.7 77.7 116.5



#33
Benzene
Concen: 48.736 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 78 Resp: 485147





#34

Trichloroethene

Concen: 48.124 ug/L

RT: 6.545 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion: 95 Resp: 115063

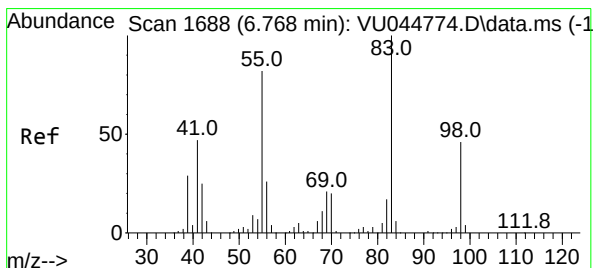
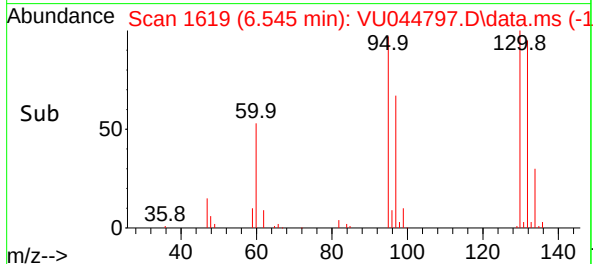
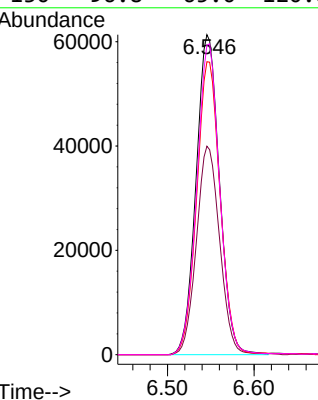
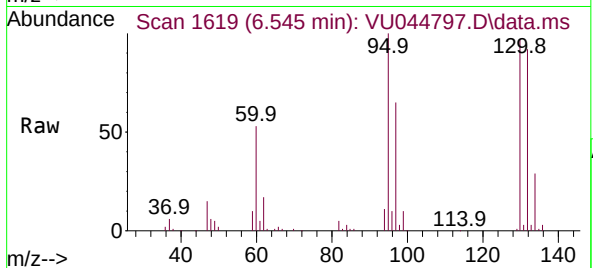
Ion Ratio Lower Upper

95 100

97 65.1 44.4 82.4

132 91.5 62.9 116.9

130 96.8 65.0 120.8



#35

Methylcyclohexane

Concen: 47.927 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

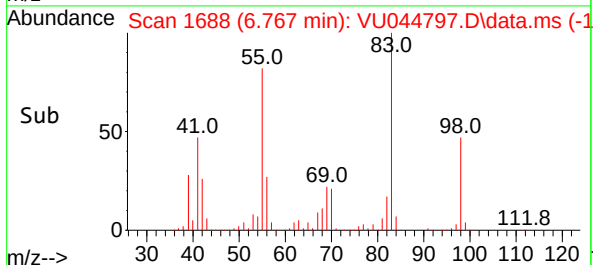
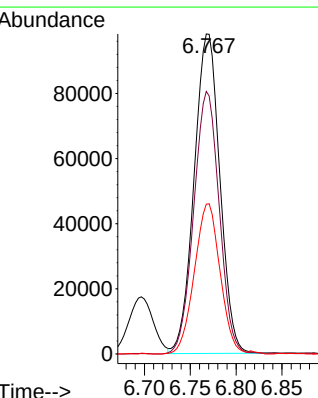
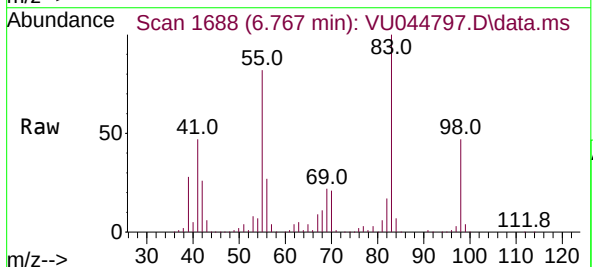
Tgt Ion: 83 Resp: 191851

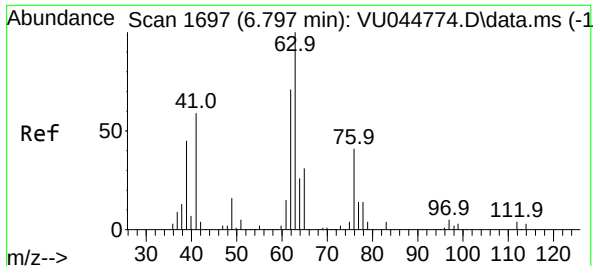
Ion Ratio Lower Upper

83 100

55 81.7 65.8 98.6

98 46.8 37.1 55.7



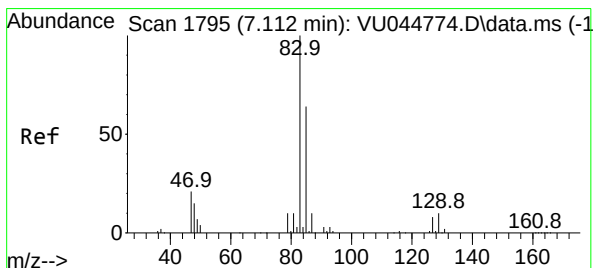
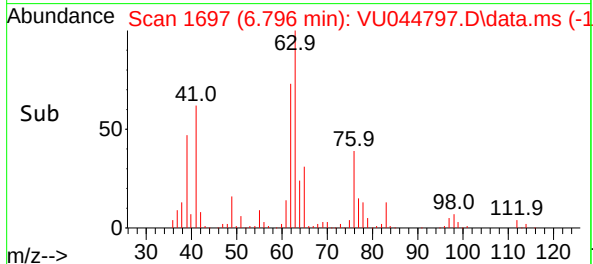
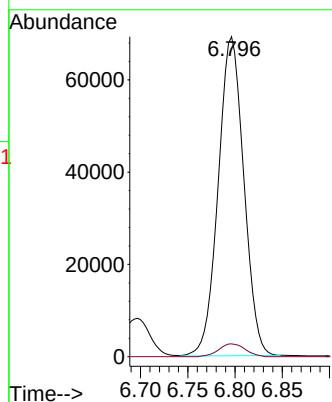
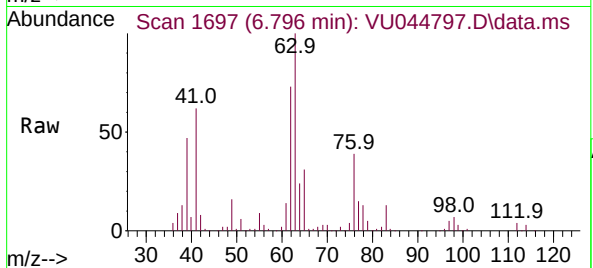


#37

1,2-Dichloropropane
Concen: 48.083 ug/L
RT: 6.796 min Scan# 1697
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Instrument :
MSVOA_U
ClientSampled :

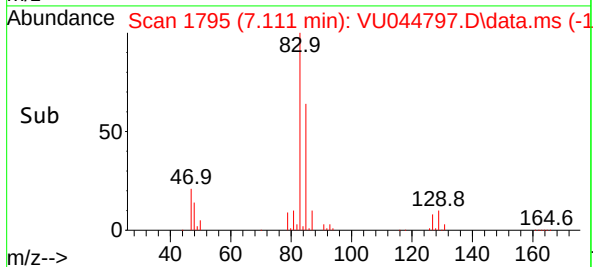
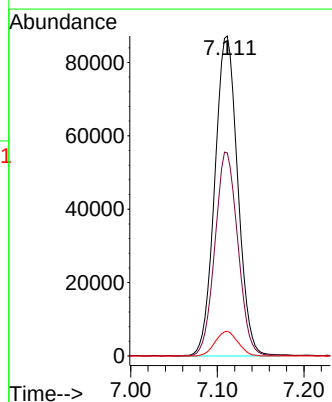
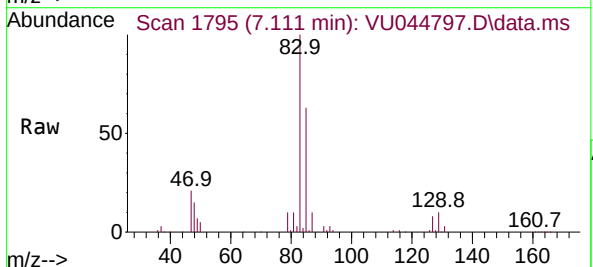
Tgt Ion: 63 Resp: 130321
Ion Ratio Lower Upper
63 100
112 4.2 3.2 4.8

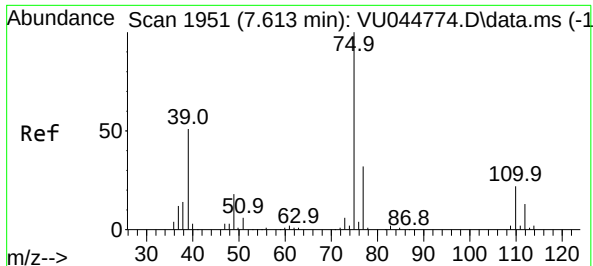


#38

Bromodichloromethane
Concen: 48.364 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 83 Resp: 160679
Ion Ratio Lower Upper
83 100
85 63.5 44.6 82.8
127 7.7 6.2 9.2



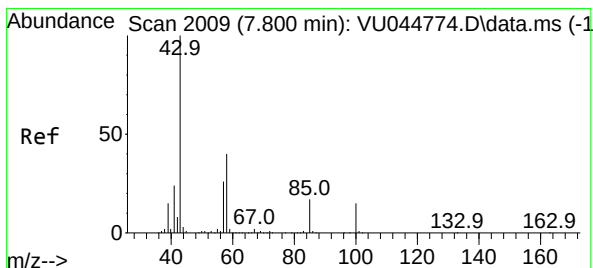
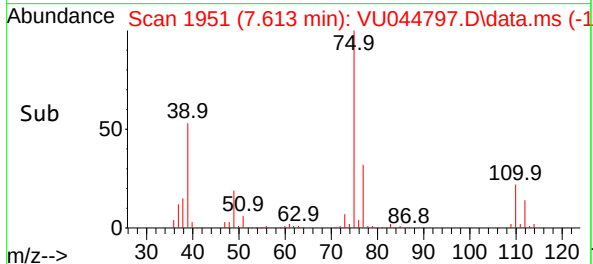
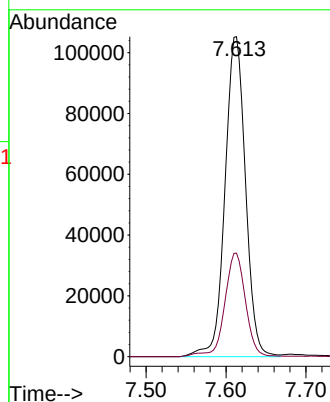
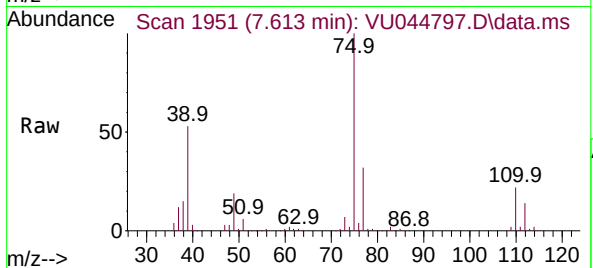


#39

cis-1,3-Dichloropropene
Concen: 48.353 ug/L
RT: 7.613 min Scan# 1951
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Instrument :
MSVOA_U
ClientSampled :

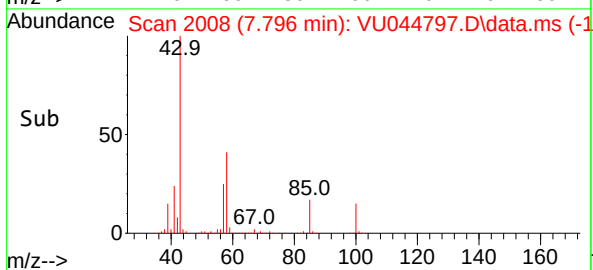
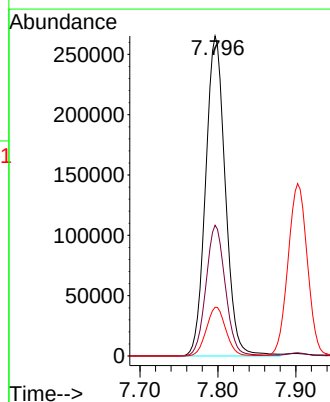
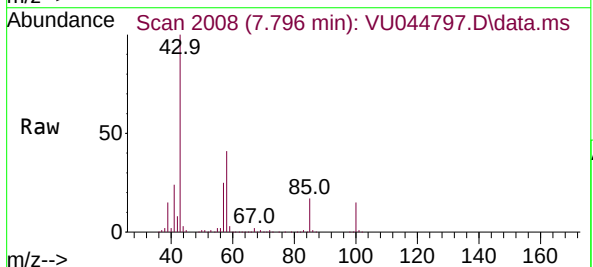
Tgt Ion: 75 Resp: 187518
Ion Ratio Lower Upper
75 100
77 32.3 22.4 41.6

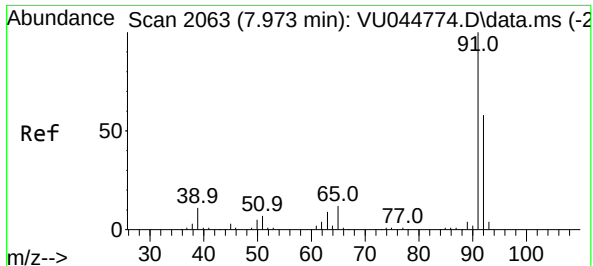


#40

4-Methyl-2-pentanone
Concen: 103.005 ug/L
RT: 7.796 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 43 Resp: 466362
Ion Ratio Lower Upper
43 100
58 40.3 31.8 47.8
100 15.1 11.8 17.6

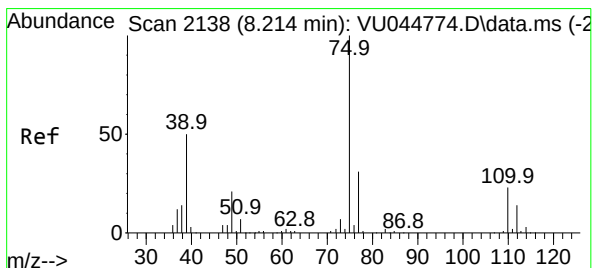
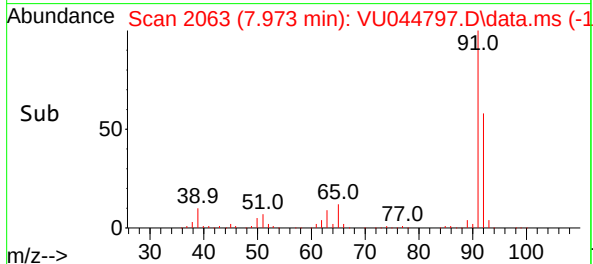
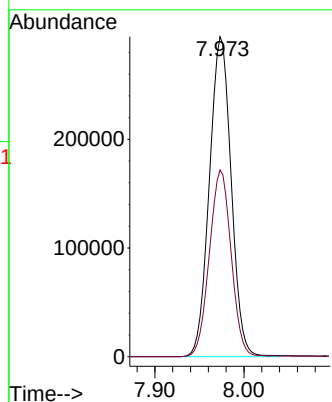
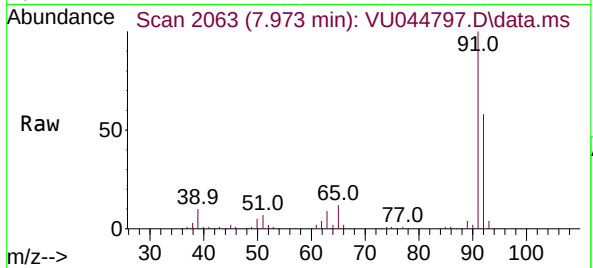




#42
Toluene
Concen: 49.443 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

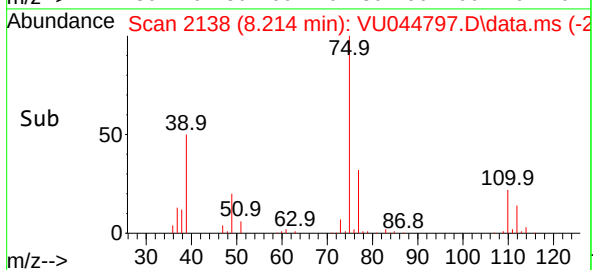
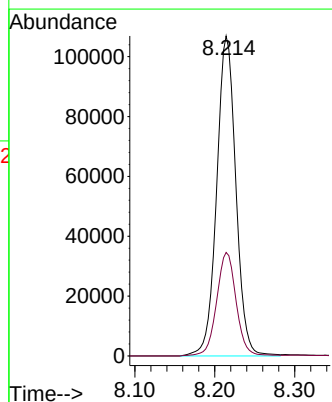
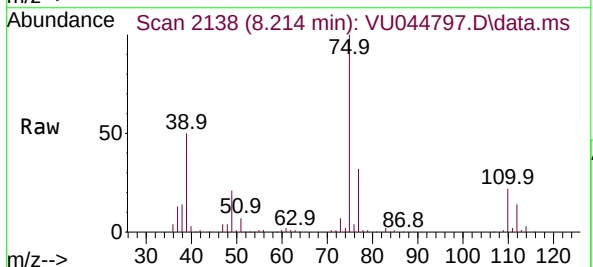
Instrument :
MSVOA_U
ClientSampled :

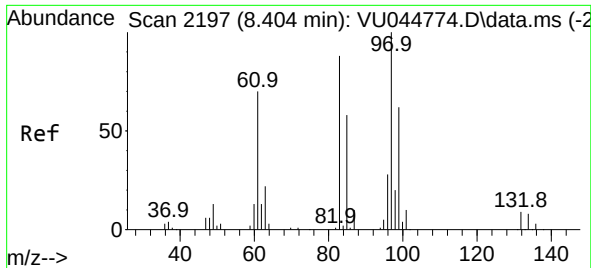
Tgt Ion: 91 Resp: 500082
Ion Ratio Lower Upper
91 100
92 58.4 40.5 75.1



#44
trans-1,3-Dichloropropene
Concen: 48.179 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 75 Resp: 177660
Ion Ratio Lower Upper
75 100
77 32.4 21.7 40.3

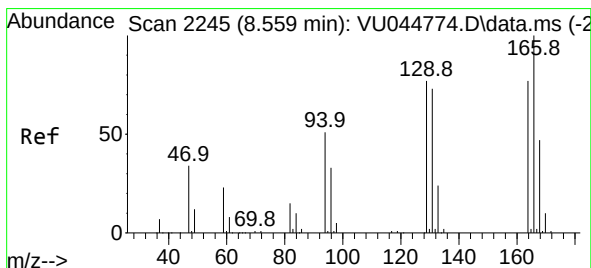
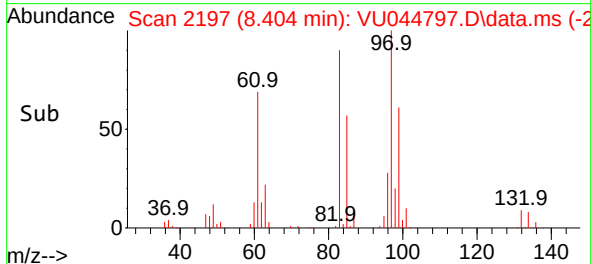
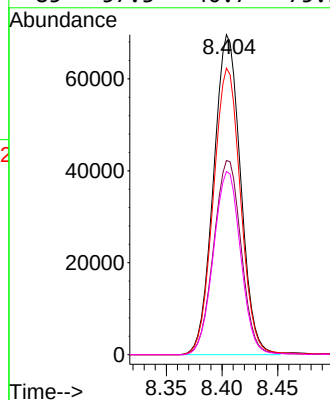
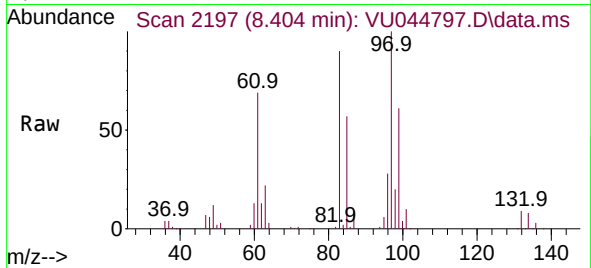




#45
1,1,2-Trichloroethane
Concen: 47.944 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

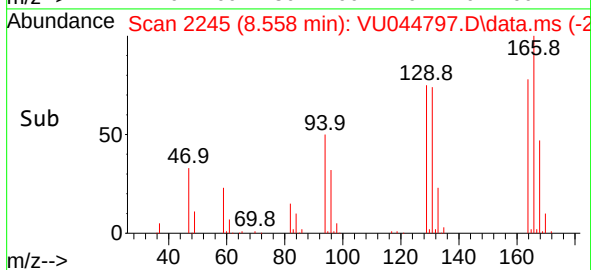
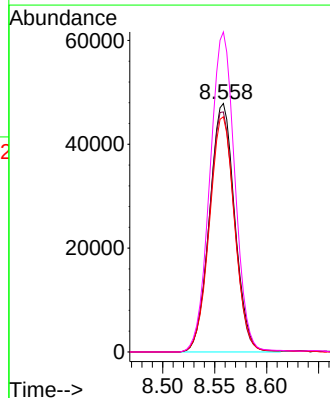
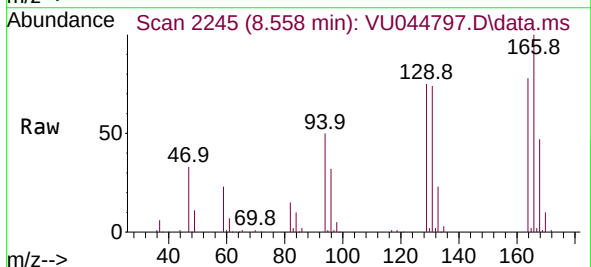
Instrument :
MSVOA_U
ClientSampleId :

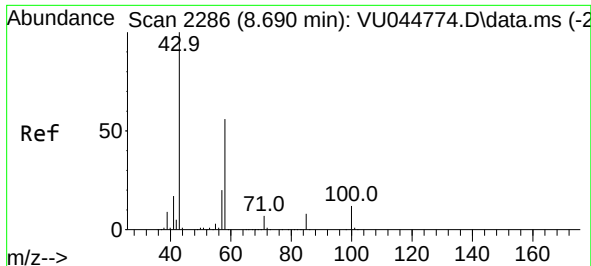
Tgt Ion:	97	Resp:	117761
Ion	Ratio	Lower	Upper
97	100		
99	60.7	43.7	81.1
83	89.6	61.9	115.1
85	57.3	40.7	75.5



#46
Tetrachloroethene
Concen: 47.277 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:	164	Resp:	80796
Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.8	129.6
131	94.7	66.4	123.2
166	128.8	91.1	169.3

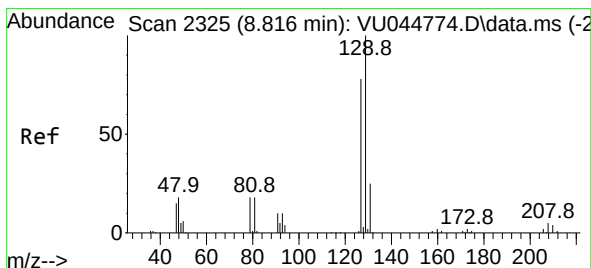
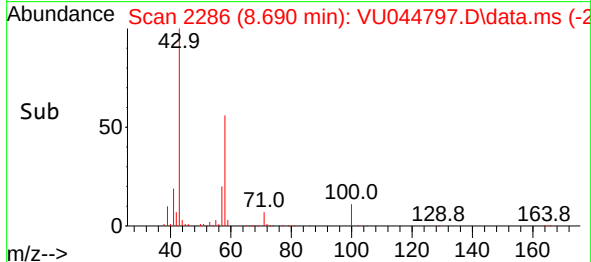
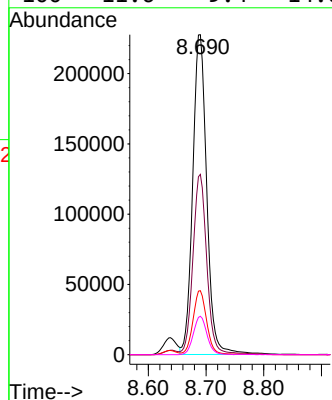
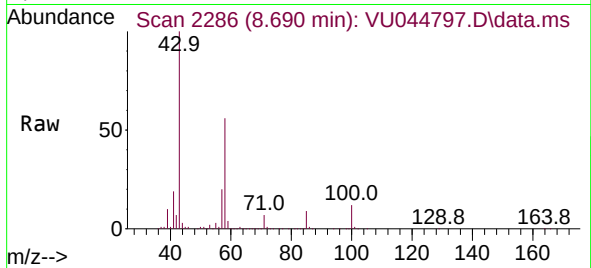




#48
2-Hexanone
Concen: 95.744 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

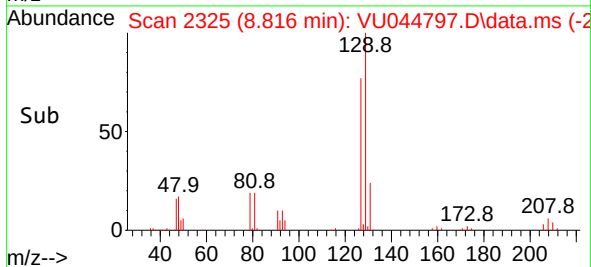
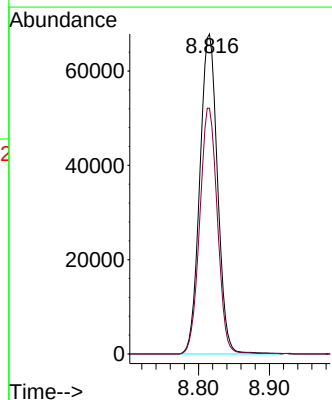
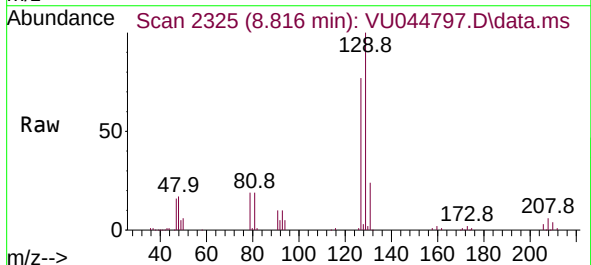
Instrument :
MSVOA_U
ClientSampleId :

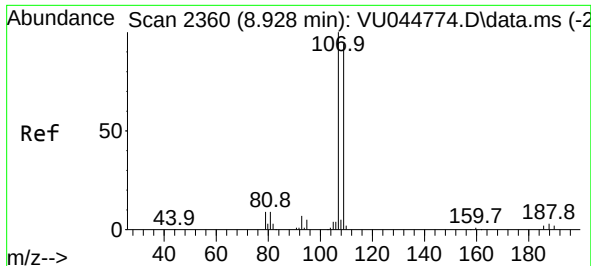
Tgt Ion: 43 Resp: 384405
Ion Ratio Lower Upper
43 100
58 54.5 44.9 67.3
57 19.3 15.5 23.3
100 11.6 9.4 14.0



#49
Dibromochloromethane
Concen: 48.394 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion: 129 Resp: 117559
Ion Ratio Lower Upper
129 100
127 76.8 54.3 100.8





#50

1,2-Dibromoethane

Concen: 48.815 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VU044797.D

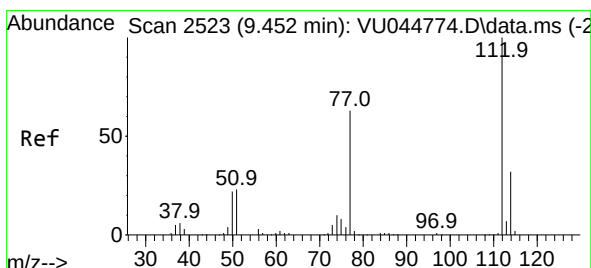
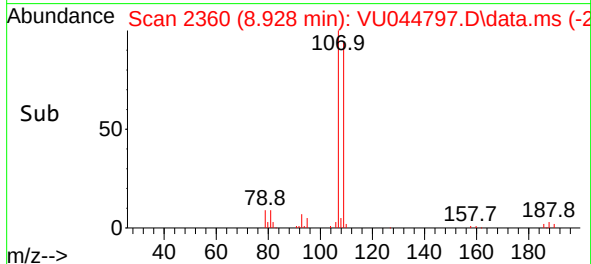
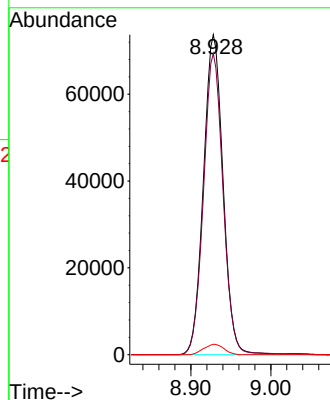
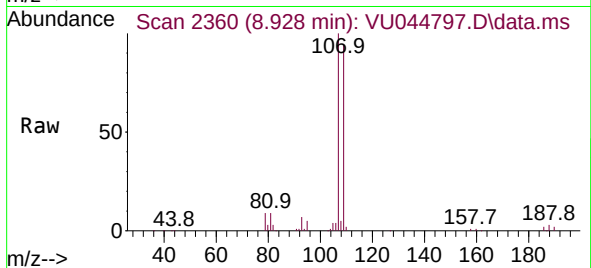
Acq: 23 Sep 2021 20:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	125536
Ion	Ratio	Lower	Upper
107	100		
109	94.1	65.5	121.6
188	3.3	2.6	3.8



#51

Chlorobenzene

Concen: 47.729 ug/L

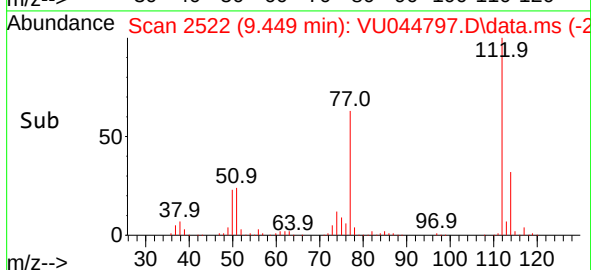
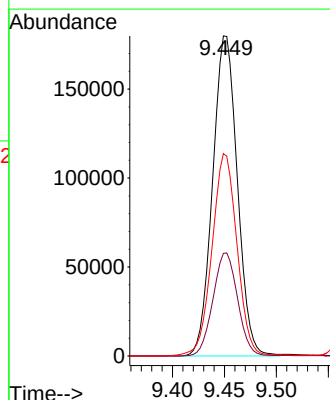
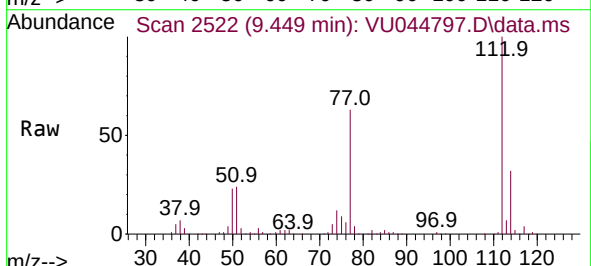
RT: 9.449 min Scan# 2522

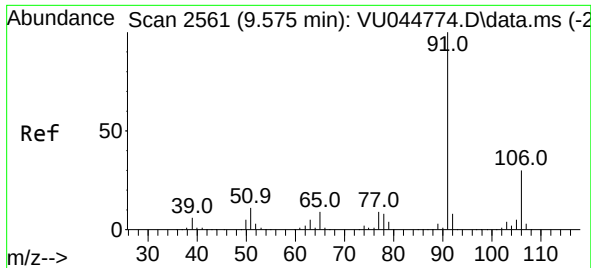
Delta R.T. -0.003 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion:	112	Resp:	298027
Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.9
77	63.2	50.6	75.8

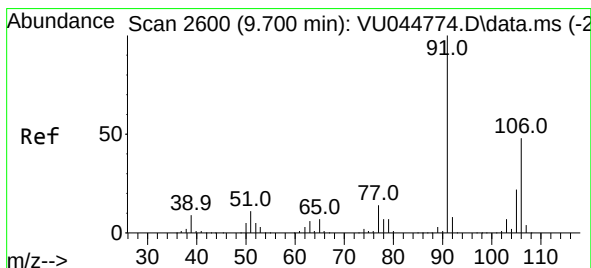
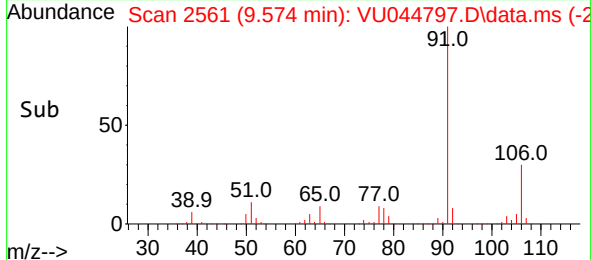
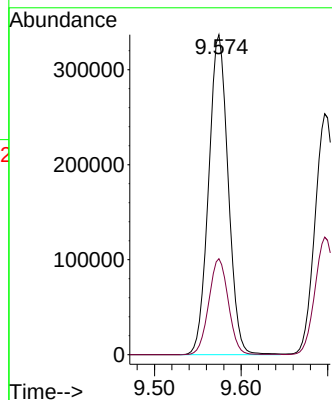
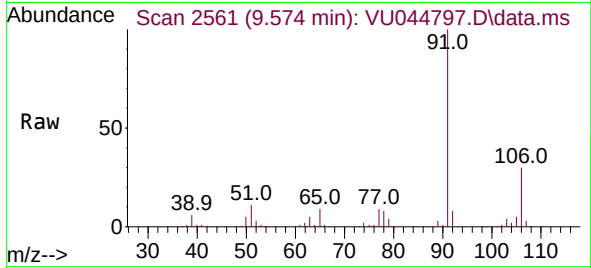




#52
Ethylbenzene
Concen: 49.357 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

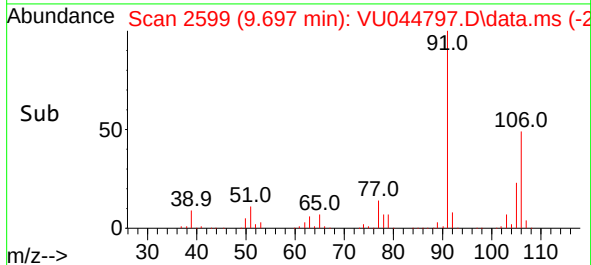
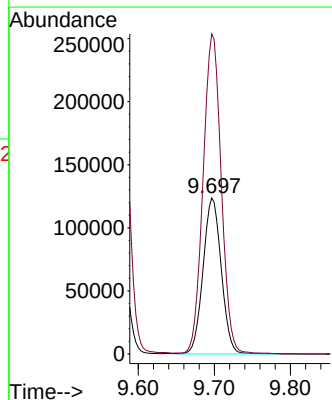
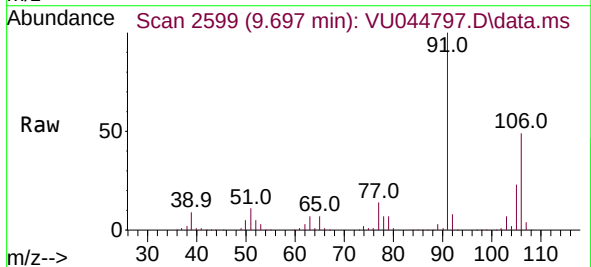
Instrument :
MSVOA_U
ClientSampled :

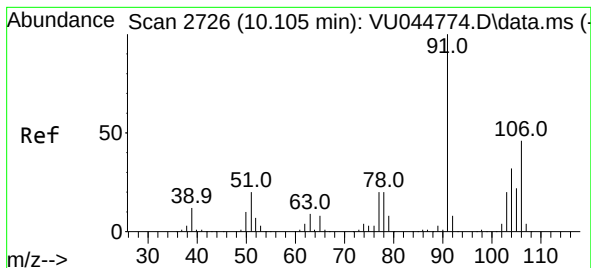
Tgt Ion: 91 Resp: 527368
Ion Ratio Lower Upper
91 100
106 30.0 21.2 39.4



#53
m,p-Xylene
Concen: 50.691 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:106 Resp: 205180
Ion Ratio Lower Upper
106 100
91 205.0 146.7 272.4





#54

o-xylene

Concen: 50.752 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. -0.000 min

Lab File: VU044797.D

Acq: 23 Sep 2021 20:07

Tgt Ion:106 Resp: 201864

Ion Ratio Lower Upper

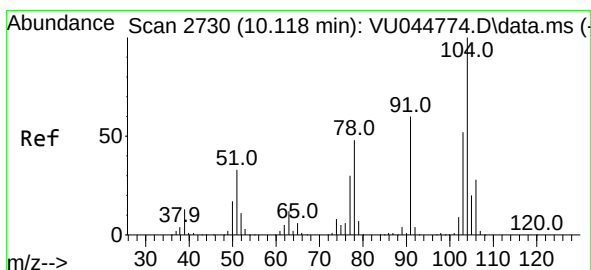
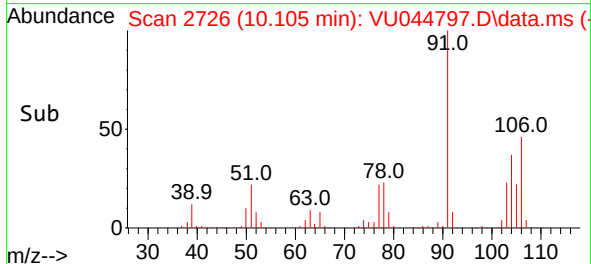
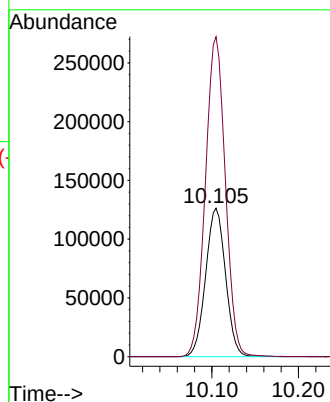
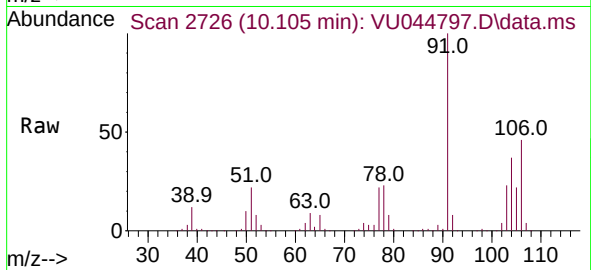
106 100

91 215.4 152.9 283.9

Instrument :

MSVOA_U

ClientSampleId :



#55

Styrene

Concen: 50.791 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU044797.D

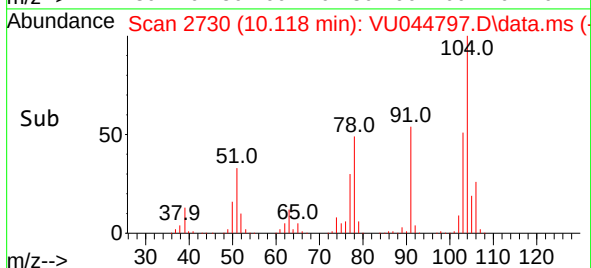
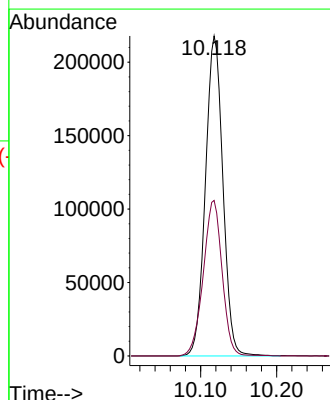
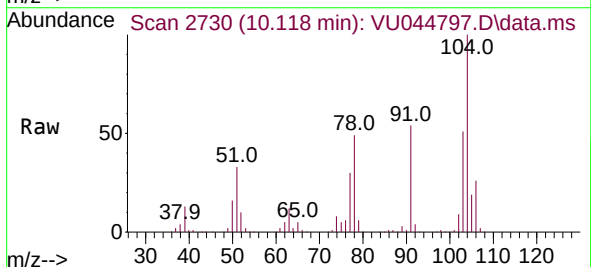
Acq: 23 Sep 2021 20:07

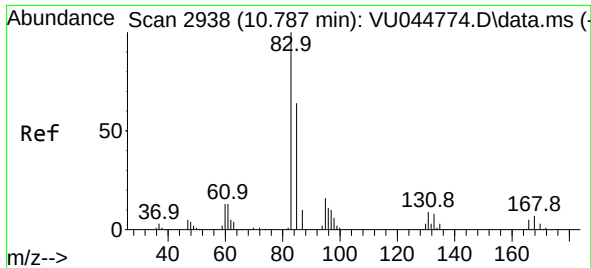
Tgt Ion:104 Resp: 347418

Ion Ratio Lower Upper

104 100

78 48.6 33.3 61.9

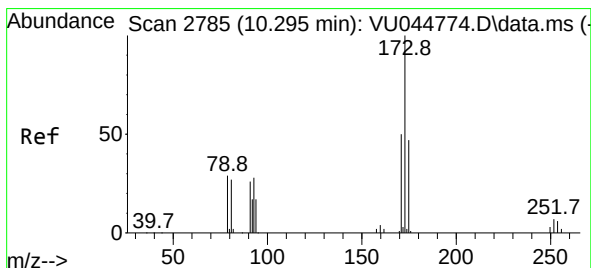
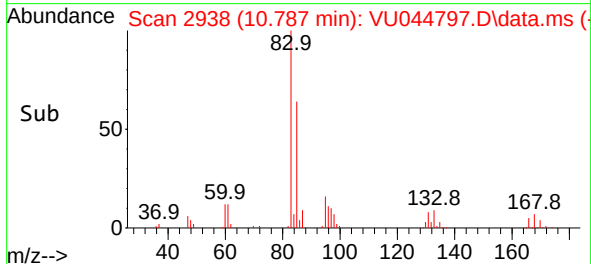
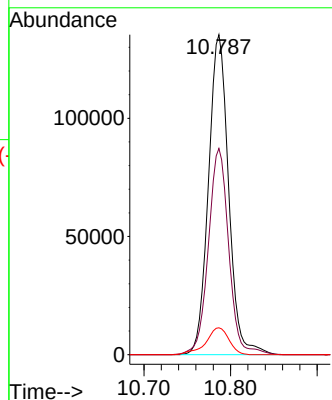
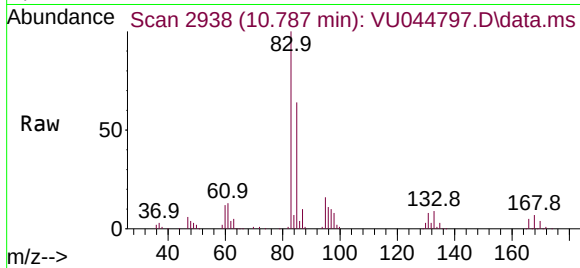




#57
1,1,2,2-Tetrachloroethane
Concen: 46.521 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

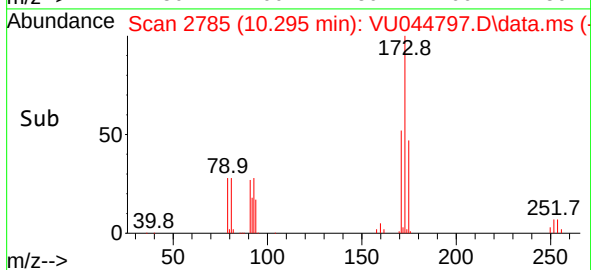
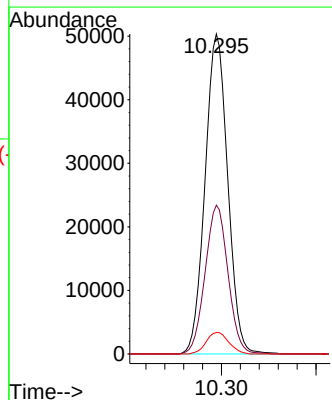
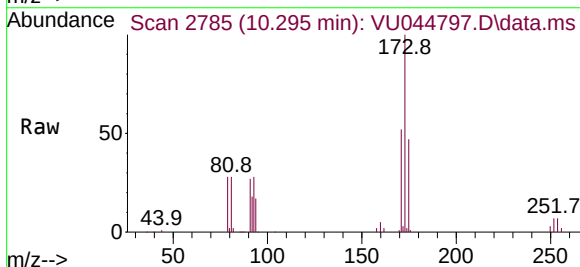
Instrument :
MSVOA_U
ClientSampleId :

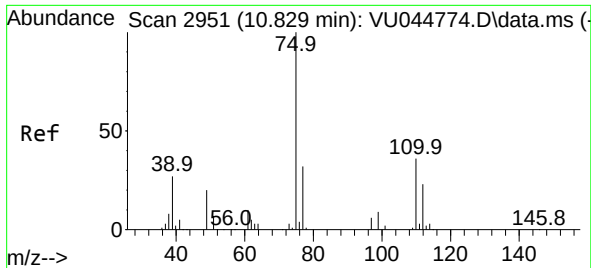
Tgt Ion:	83	Resp:	218789
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.1	83.7
131	8.4	6.9	10.3



#59
Bromoform
Concen: 50.129 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:	173	Resp:	83692
Ion	Ratio	Lower	Upper
173	100		
175	47.0	38.4	57.6
254	6.7	5.3	7.9

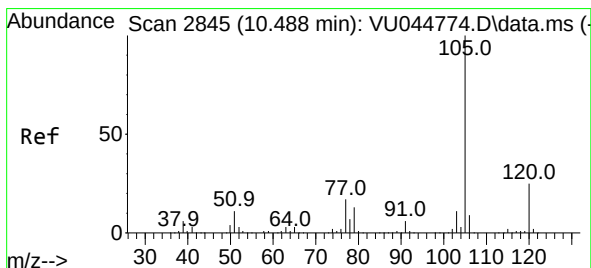
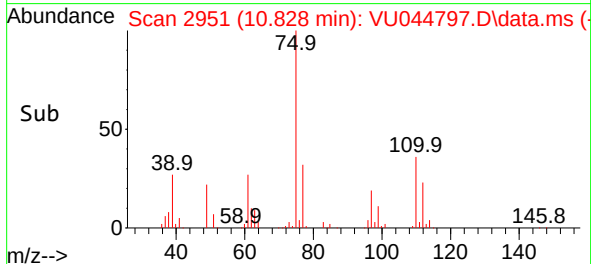
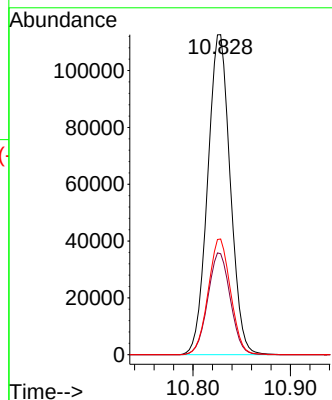
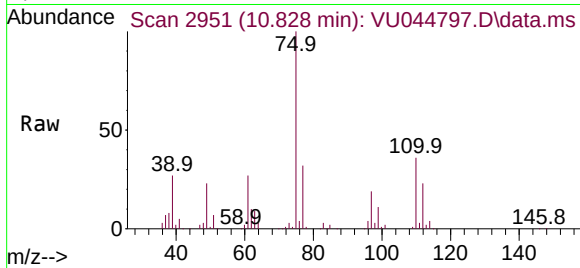




#60
1,2,3-Trichloropropane
Concen: 48.674 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

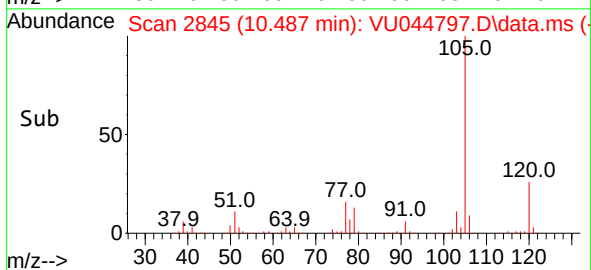
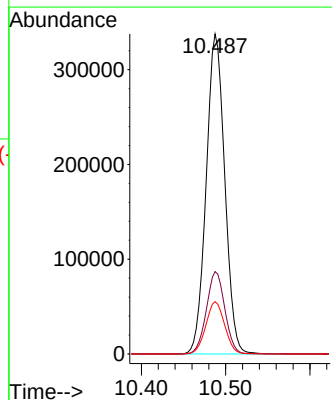
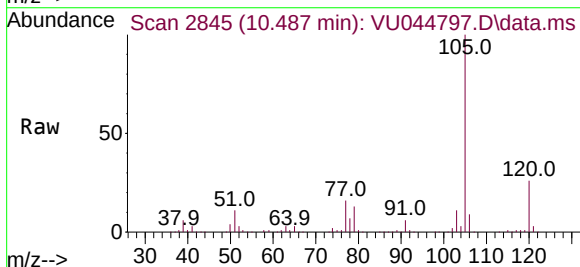
Instrument :
MSVOA_U
ClientSampleId :

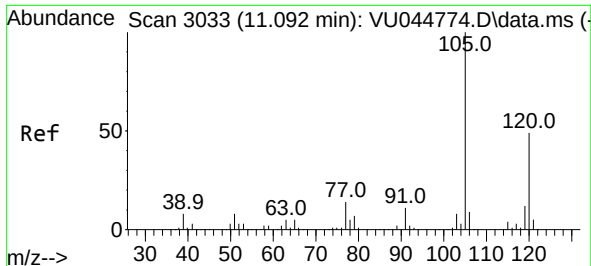
Tgt Ion:	75	Resp:	181226
Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3
110	35.9	29.0	43.4



#61
Isopropylbenzene
Concen: 52.631 ug/L
RT: 10.487 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:	105	Resp:	518507
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.5	30.7
77	16.6	13.5	20.3

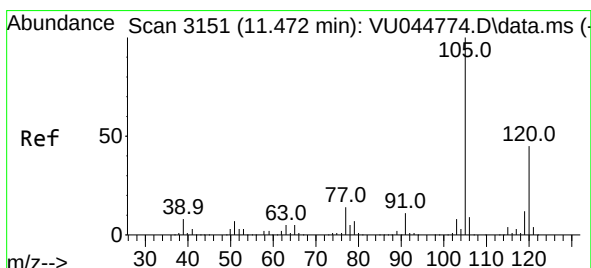
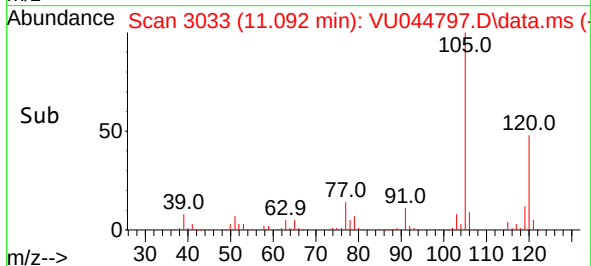
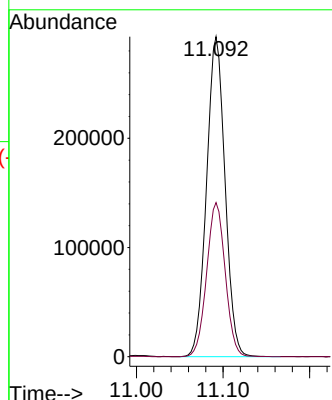
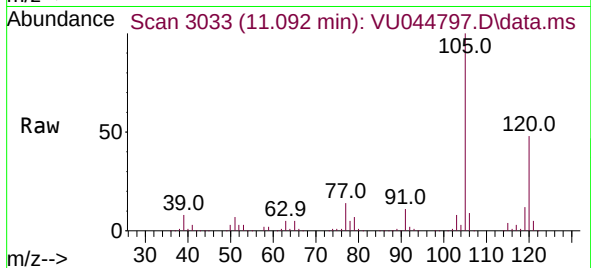




#62
1,3,5-Trimethylbenzene
Concen: 52.765 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

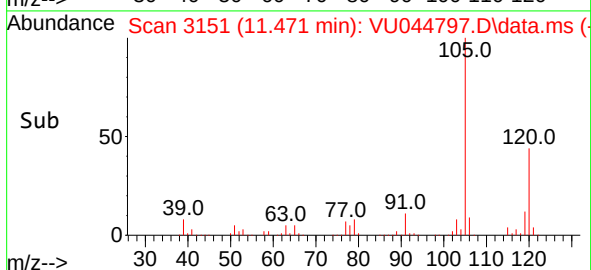
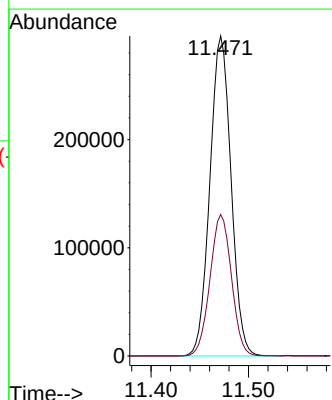
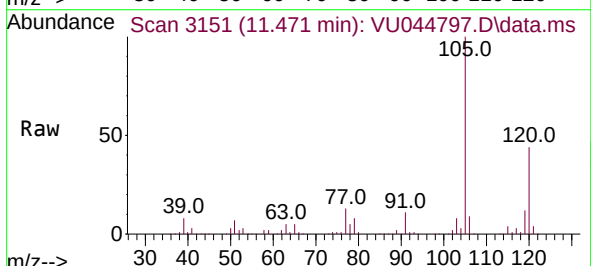
Instrument :
MSVOA_U
ClientSampleId :

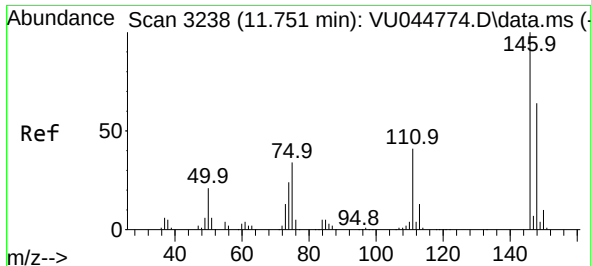
Tgt Ion:105 Resp: 434125
Ion Ratio Lower Upper
105 100
120 48.4 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 53.033 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:105 Resp: 446815
Ion Ratio Lower Upper
105 100
120 44.8 35.7 53.5

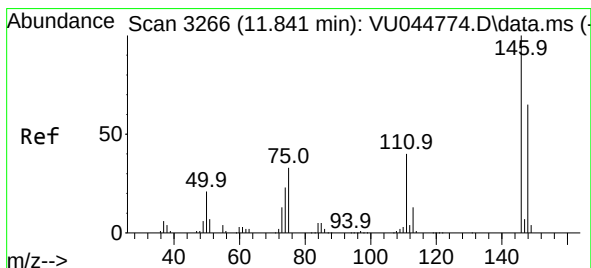
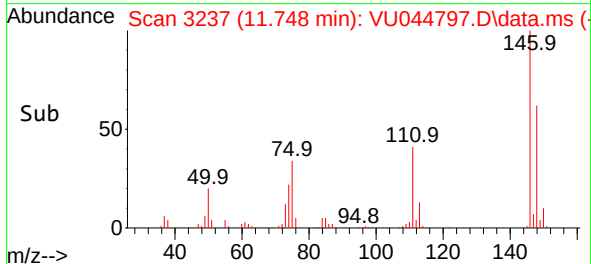
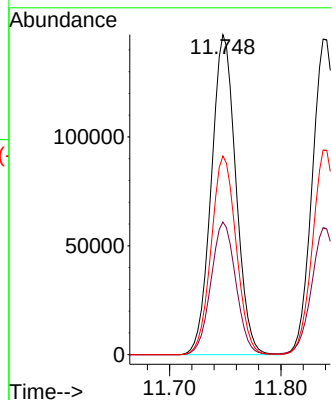
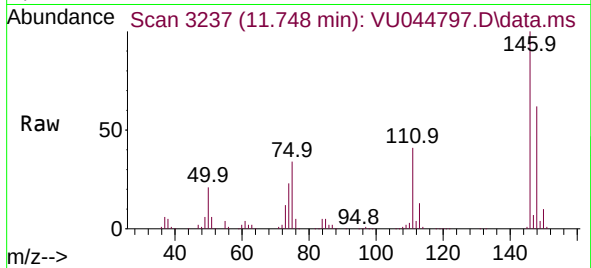




#64
1,3-Dichlorobenzene
Concen: 49.487 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

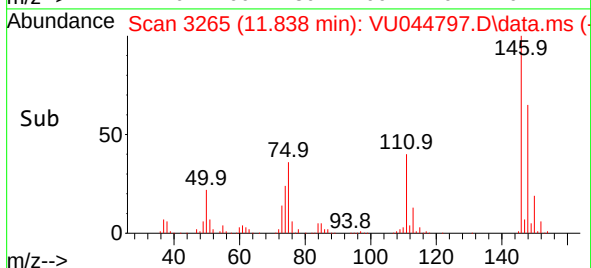
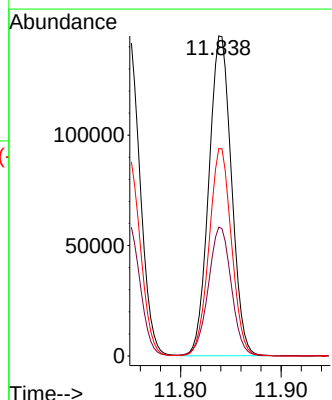
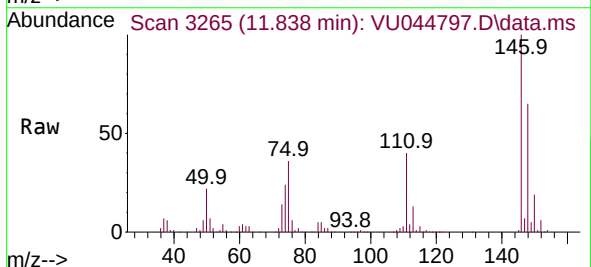
Instrument :
MSVOA_U
ClientSampleId :

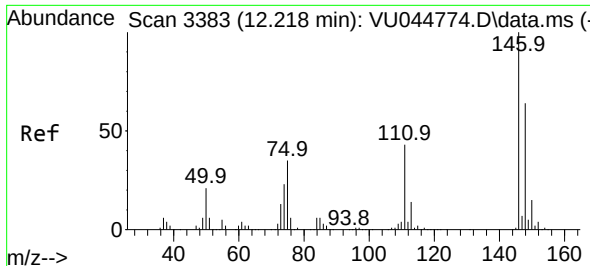
Tgt Ion:146 Resp: 225306
Ion Ratio Lower Upper
146 100
111 41.5 29.0 53.8
148 62.1 44.8 83.2



#65
1,4-Dichlorobenzene
Concen: 48.441 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:146 Resp: 226278
Ion Ratio Lower Upper
146 100
111 40.3 28.5 52.9
148 64.8 45.5 84.5

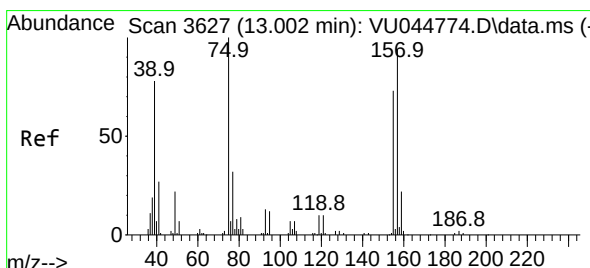
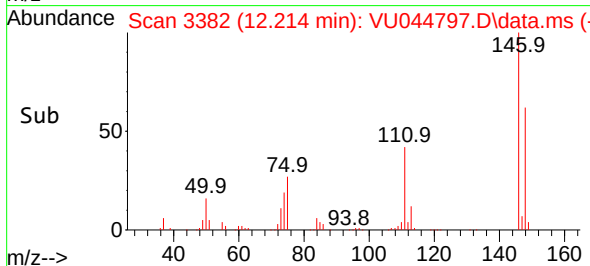
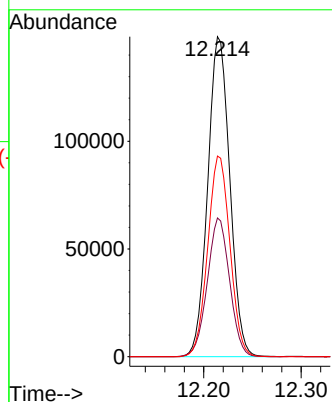
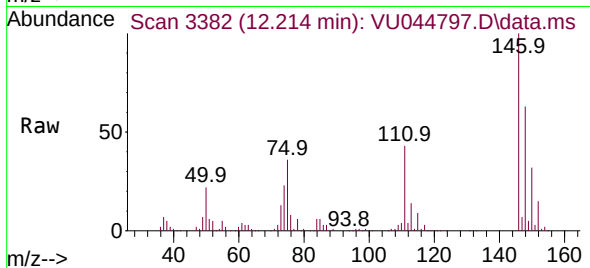




#67
1,2-Dichlorobenzene
Concen: 50.008 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

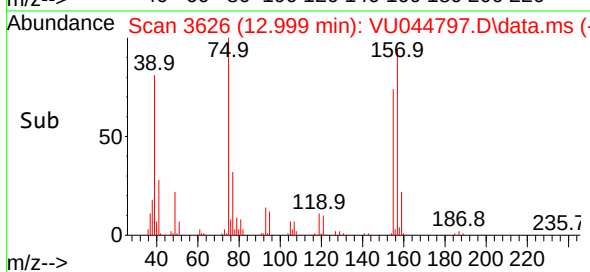
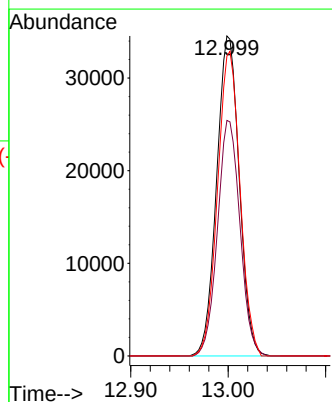
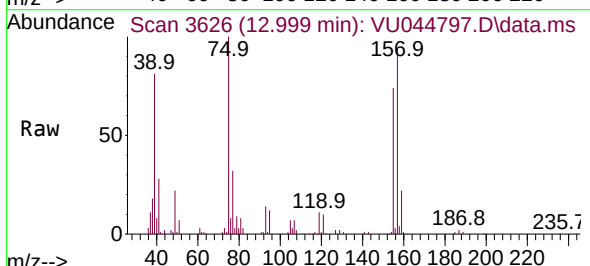
Instrument :
MSVOA_U
ClientSampleId :

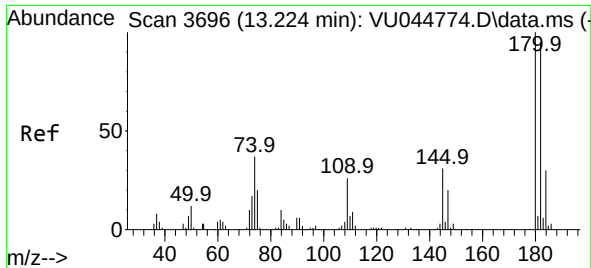
Tgt Ion:146 Resp: 233730
Ion Ratio Lower Upper
146 100
111 43.3 34.7 52.1
148 62.7 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 51.968 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

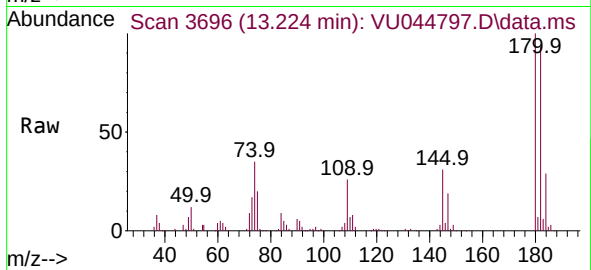
Tgt Ion: 75 Resp: 55605
Ion Ratio Lower Upper
75 100
155 76.9 58.5 87.7
157 97.7 77.7 116.5





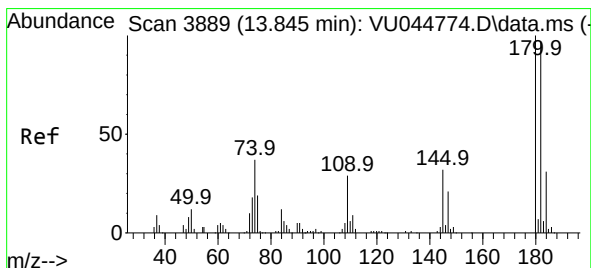
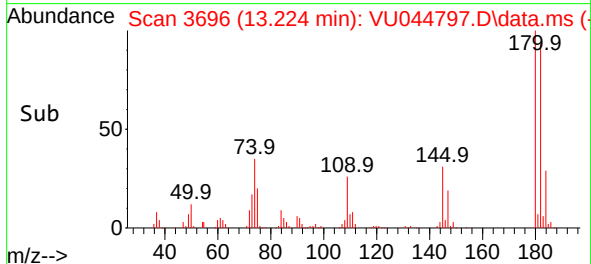
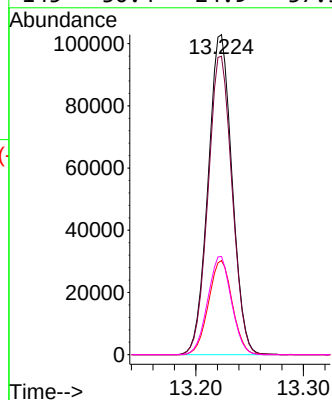
#69
 1,3,5-Trichlorobenzene
 Concen: 50.449 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

Instrument :
 MSVOA_U
 ClientSampled :



Tgt Ion:180 Resp: 159400

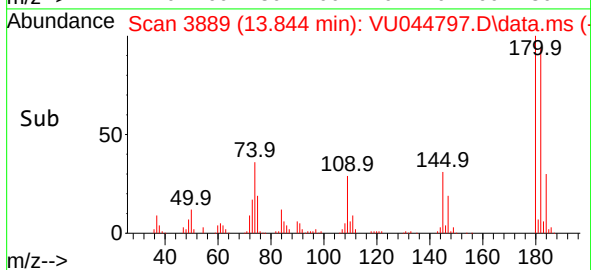
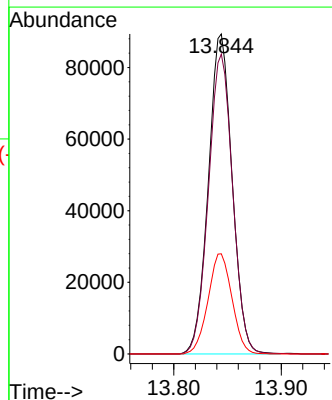
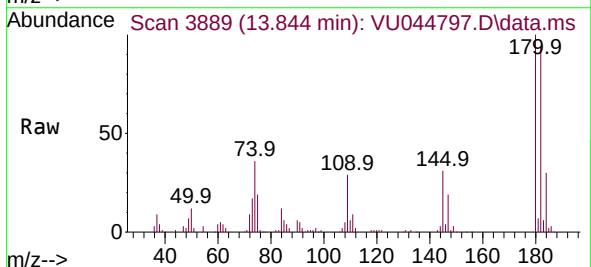
Ion	Ratio	Lower	Upper
180	100		
182	93.6	76.8	115.2
184	29.2	24.4	36.6
145	30.4	24.9	37.3

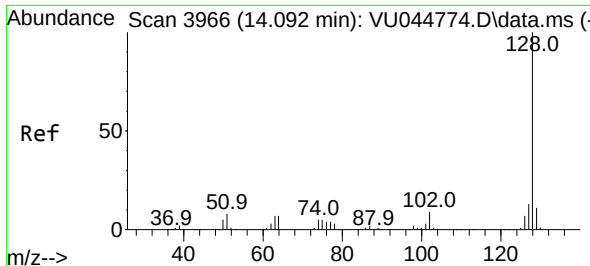


#70
 1,2,4-trichlorobenzene
 Concen: 52.303 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU044797.D
 Acq: 23 Sep 2021 20:07

Tgt Ion:180 Resp: 137327

Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.2	114.2
145	31.5	25.4	38.0

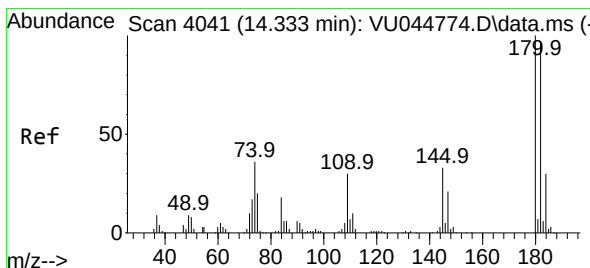
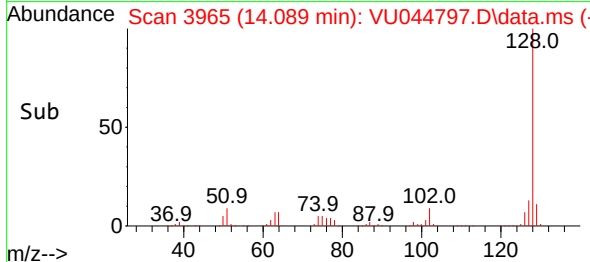
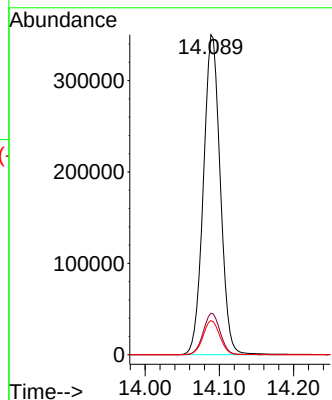
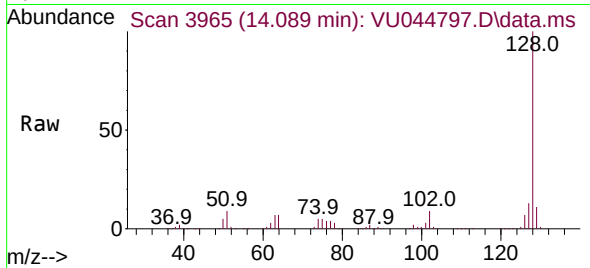




#71
Naphthalene
Concen: 60.640 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 551735
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.6 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 55.253 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU044797.D
Acq: 23 Sep 2021 20:07

Tgt Ion:180 Resp: 148431
Ion Ratio Lower Upper
180 100
182 94.0 76.8 115.2
145 33.2 26.5 39.7

