

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040222\
 Data File : VU047796.D
 Acq On : 02 Apr 2022 13:23
 Operator : SY/MD
 Sample : MDL04 0.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb

Quant Time: Apr 04 09:24:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 04 09:23:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.378	168	280038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	426847	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	419699	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	220696	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	171465	57.074	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.140%
35) Dibromofluoromethane	5.292	113	154501	53.973	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.940%
50) Toluene-d8	7.899	98	510383	49.490	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.980%
62) 4-Bromofluorobenzene	10.632	95	180369	44.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.820%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	1152	0.368	ug/l	91
3) Chloromethane	1.523	50	1857	0.531	ug/l #	81
4) Vinyl Chloride	1.607	62	1621	0.494	ug/l	95
5) Bromomethane	1.861	94	1459	0.675	ug/l	94
6) Chloroethane	1.938	64	1339	0.624	ug/l	91
7) Trichlorofluoromethane	2.141	101	2178	0.474	ug/l	100
8) Diethyl Ether	2.379	74	927	0.528	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.588	101	1199	0.437	ug/l #	77
10) Methyl Iodide	2.729	142	1105	0.418	ug/l #	80
11) Tert butyl alcohol	3.179	59	1735	2.061	ug/l #	41
12) 1,1-Dichloroethene	2.588	96	1348	0.503	ug/l	84
13) Acrolein	2.488	56	1150	2.712	ug/l	97
14) Allyl chloride	2.932	41	2063	0.542	ug/l #	93
15) Acrylonitrile	3.324	53	3917	1.940	ug/l	97
16) Acetone	2.633	43	4532	2.069	ug/l	94
17) Carbon Disulfide	2.793	76	4025	0.510	ug/l	97
18) Methyl Acetate	2.957	43	2035	0.497	ug/l	94
19) Methyl tert-butyl Ether	3.369	73	3769	0.446	ug/l	97
20) Methylene Chloride	3.051	84	1963	0.603	ug/l	94
21) trans-1,2-Dichloroethene	3.359	96	1434	0.491	ug/l	88
22) Diisopropyl ether	3.996	45	3220	0.425	ug/l #	62
23) Vinyl Acetate	3.973	43	13533	1.970	ug/l	100
24) 1,1-Dichloroethane	3.874	63	2228	0.447	ug/l #	86
25) 2-Butanone	4.716	43	5069	1.838	ug/l	94
26) 2,2-Dichloropropane	4.661	77	956	0.217	ug/l #	68
27) cis-1,2-Dichloroethene	4.677	96	1746	0.526	ug/l	83
28) Bromochloromethane	4.983	49	818	0.459	ug/l #	99
29) Tetrahydrofuran	5.063	42	3149	1.845	ug/l	99
30) Chloroform	5.095	83	2620	0.488	ug/l	100
31) Cyclohexane	5.378	56	6887	1.537	ug/l #	31
32) 1,1,1-Trichloroethane	5.317	97	2409	0.521	ug/l #	46
36) 1,1-Dichloropropene	5.536	75	1909	0.472	ug/l	93
37) Ethyl Acetate	4.825	43	2213	0.407	ug/l #	77
38) Carbon Tetrachloride	5.526	117	2116	0.491	ug/l	96
39) Methylcyclohexane	6.767	83	1913	0.387	ug/l	94
40) Benzene	5.777	78	5664	0.472	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	788	0.321	ug/l #	81
42) 1,2-Dichloroethane	5.800	62	2412	0.577	ug/l	91
43) Isopropyl Acetate	5.915	43	2880	0.422	ug/l #	87
44) Trichloroethene	6.552	130	1611	0.463	ug/l	96
45) 1,2-Dichloropropane	6.793	63	1249	0.413	ug/l	97
46) Dibromomethane	6.925	93	1082	0.453	ug/l	99
47) Bromodichloromethane	7.105	83	2325	0.529	ug/l #	93
48) Methyl methacrylate	6.970	41	1223	0.391	ug/l	92
49) 1,4-Dioxane	6.999	88	43	0.450	ug/l #	58
51) 4-Methyl-2-Pentanone	7.793	43	9231	1.846	ug/l	97
52) Toluene	7.973	92	3710	0.483	ug/l	94
53) t-1,3-Dichloropropene	8.218	75	2130	0.435	ug/l #	56
54) cis-1,3-Dichloropropene	7.610	75	2085	0.414	ug/l	97
55) 1,1,2-Trichloroethane	8.401	97	1409	0.429	ug/l	91
56) Ethyl methacrylate	8.333	69	1871	0.397	ug/l	94
57) 1,3-Dichloropropane	8.578	76	2352	0.440	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.472	63	444	1.320	ug/l #	46
59) 2-Hexanone	8.687	43	7713	1.881	ug/l	93
60) Dibromochloromethane	8.809	129	1741	0.461	ug/l	99
61) 1,2-Dibromoethane	8.922	107	1631	0.437	ug/l	98
64) Tetrachloroethene	8.552	164	1340	0.432	ug/l	93
65) Chlorobenzene	9.449	112	3965	0.443	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.539	131	1557	0.472	ug/l #	63
67) Ethyl Benzene	9.574	91	5964	0.407	ug/l	95
68) m/p-Xylenes	9.697	106	4541	0.788	ug/l	97
69) o-Xylene	10.102	106	2130	0.386	ug/l	93
70) Styrene	10.115	104	3150	0.344	ug/l	96
71) Bromoform	10.295	173	1384	0.411	ug/l #	86
73) Isopropylbenzene	10.484	105	4800	0.372	ug/l	98
74) N-amyl acetate	10.324	43	1854	0.363	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	10.783	83	2492	0.462	ug/l	96
76) 1,2,3-Trichloropropane	10.825	75	2994	0.485	ug/l	96
77) Bromobenzene	10.783	156	1855	0.500	ug/l	96
78) n-propylbenzene	10.906	91	6678	0.433	ug/l	95
79) 2-Chlorotoluene	10.986	91	4400	0.475	ug/l	92
80) 1,3,5-Trimethylbenzene	11.092	105	4381	0.403	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.632	75	89537	51.585	ug/l #	15
82) 4-Chlorotoluene	11.102	91	4598	0.427	ug/l	99
83) tert-Butylbenzene	11.423	119	4495	0.402	ug/l	97
84) 1,2,4-Trimethylbenzene	11.471	105	4464	0.413	ug/l	96
85) sec-Butylbenzene	11.645	105	4950	0.362	ug/l	96
86) p-Isopropyltoluene	11.793	119	4271	0.365	ug/l #	87
87) 1,3-Dichlorobenzene	11.748	146	3525	0.477	ug/l	99
88) 1,4-Dichlorobenzene	11.748	146	3525	0.466	ug/l	99
89) n-Butylbenzene	12.211	91	4185	0.382	ug/l	94
90) Hexachloroethane	12.481	117	1167	0.493	ug/l	91
91) 1,2-Dichlorobenzene	12.214	146	3675	0.512	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	13.002	75	565	0.421	ug/l	90
93) 1,2,4-Trichlorobenzene	13.841	180	2527	0.497	ug/l	94
94) Hexachlorobutadiene	14.021	225	1280	0.499	ug/l	82
95) Naphthalene	14.092	128	6641	0.438	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	2418	0.487	ug/l	96

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MDL04 0.5ppb

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Quant Title : SW846 8260
QLast Update : Mon Apr 04 09:23:18 2022
Response via : Initial Calibration

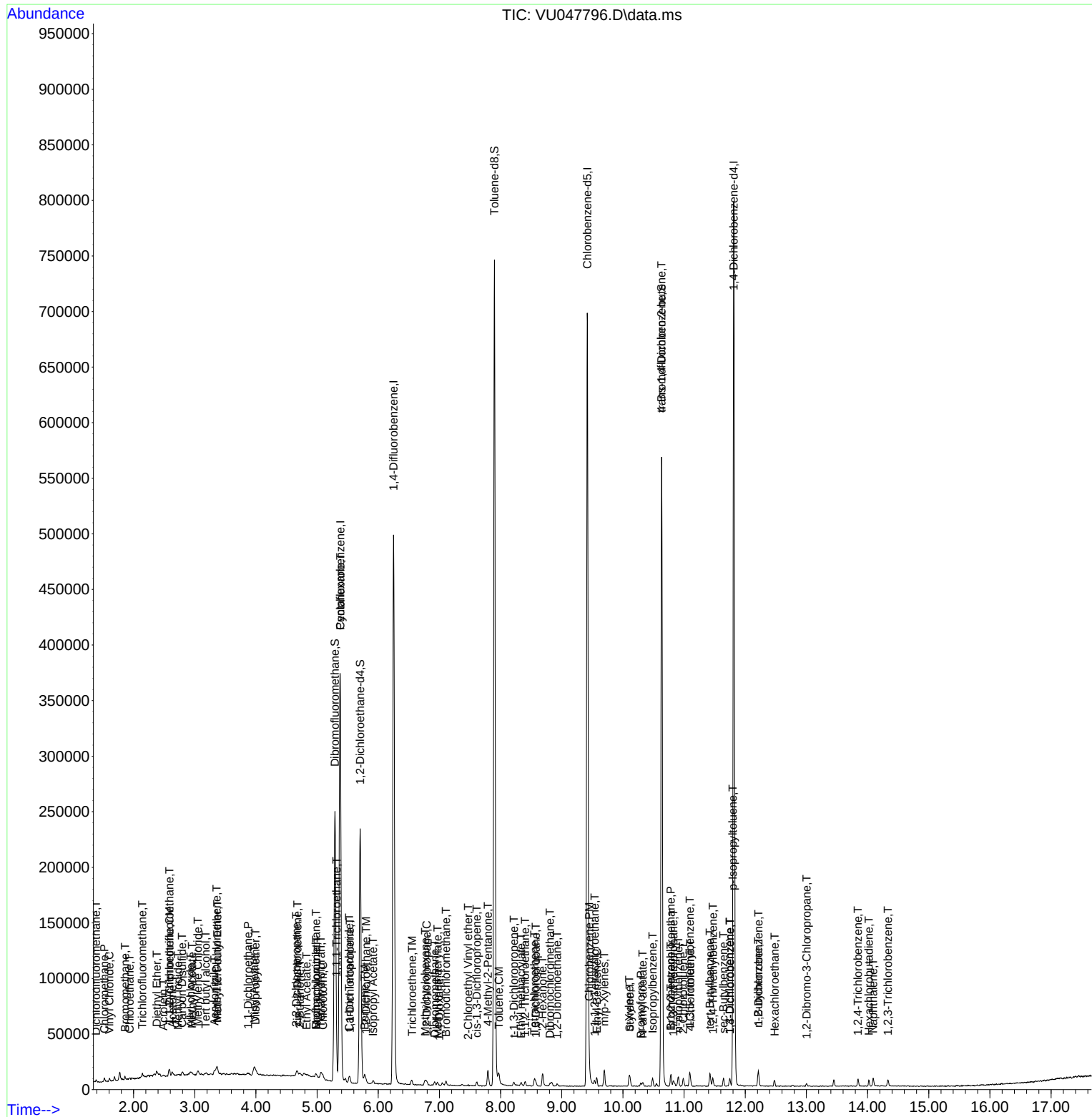
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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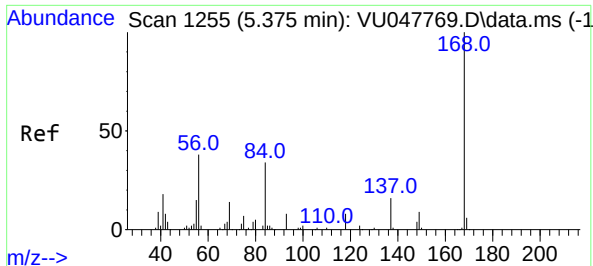
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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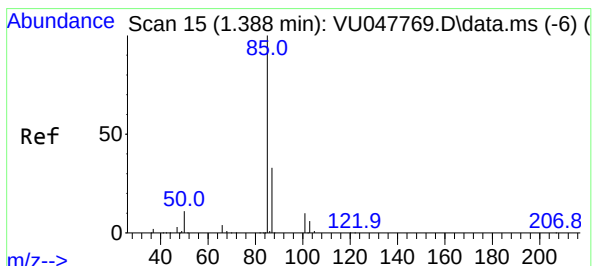
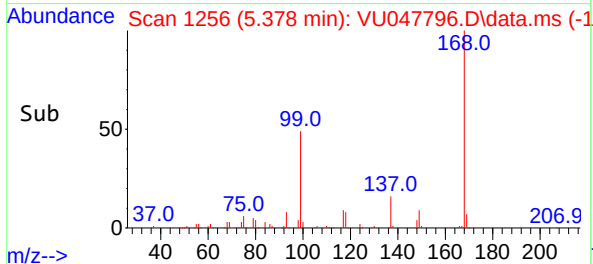
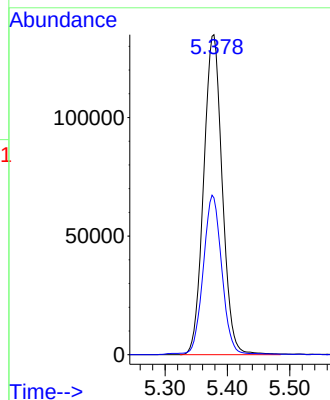
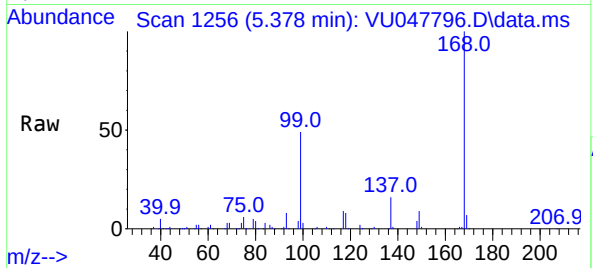




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.378 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047796.D
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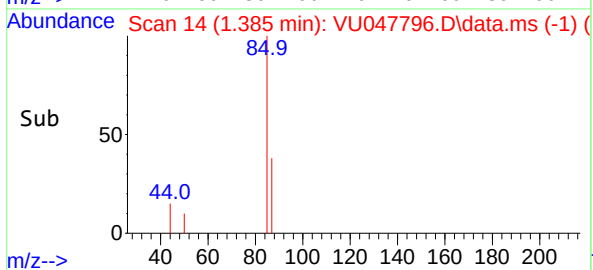
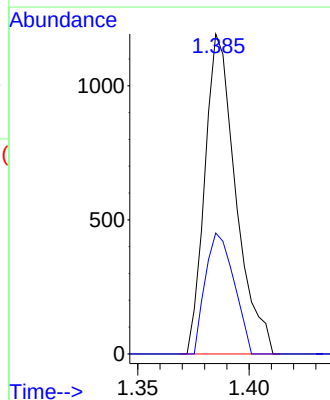
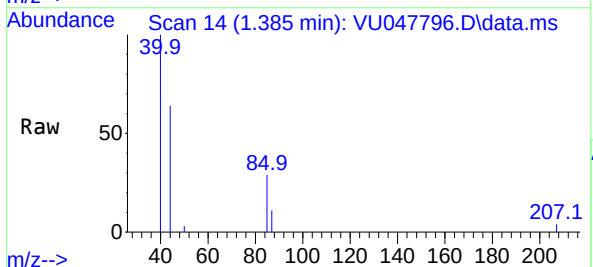
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

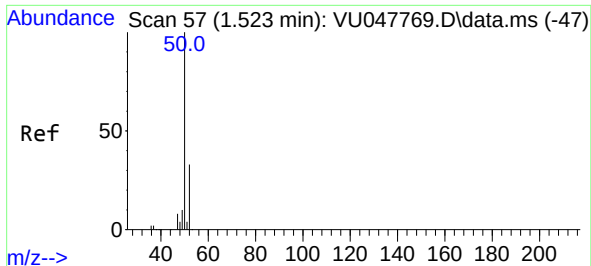
Tgt Ion:168 Resp: 280038
Ion Ratio Lower Upper
168 100
99 48.8 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 0.368 ug/l
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 85 Resp: 1152
Ion Ratio Lower Upper
85 100
87 37.8 16.4 49.2

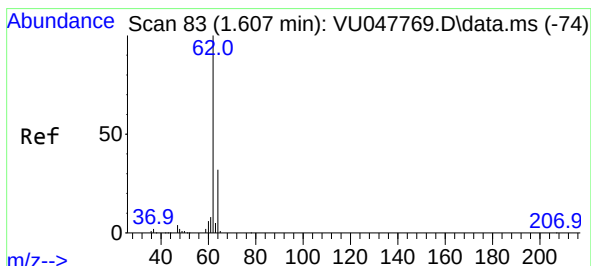
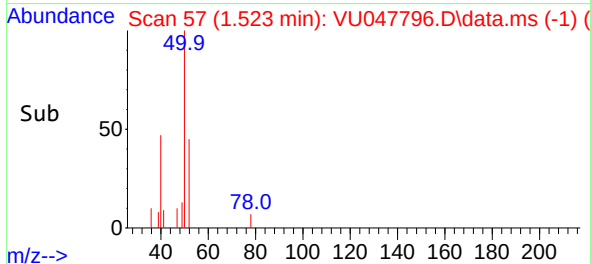
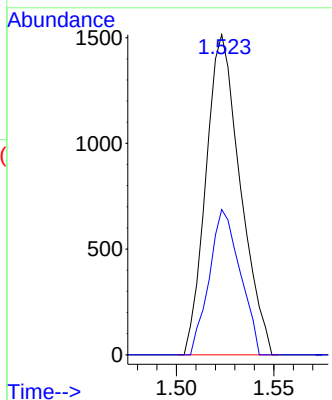
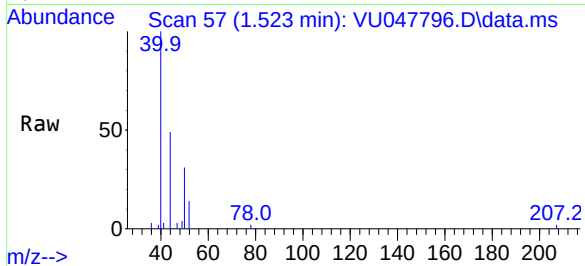




#3
Chloromethane
Concen: 0.531 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

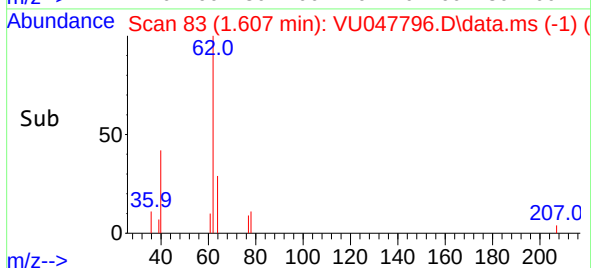
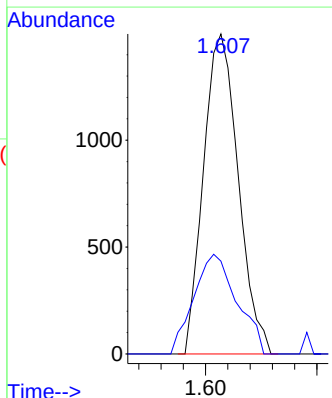
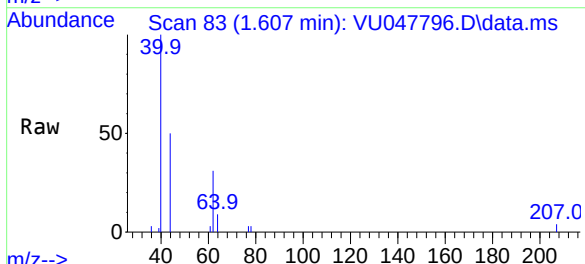
Instrument :
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ClientSampleId :
MDL04 0.5ppb

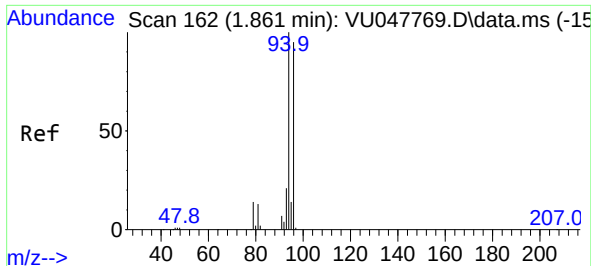
Tgt Ion: 50 Resp: 1857
Ion Ratio Lower Upper
50 100
52 45.4 27.4 41.2#



#4
Vinyl Chloride
Concen: 0.494 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 62 Resp: 1621
Ion Ratio Lower Upper
62 100
64 29.0 25.3 37.9

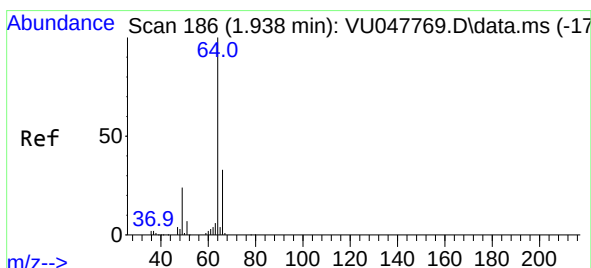
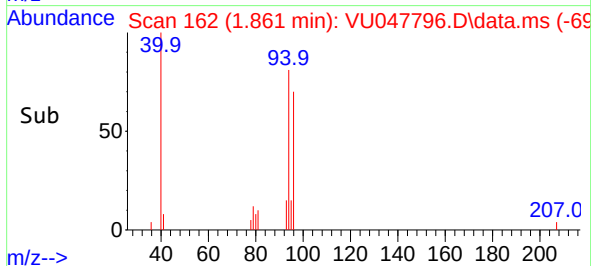
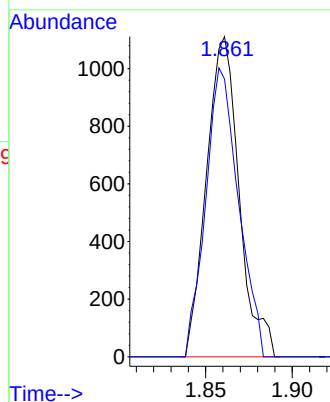
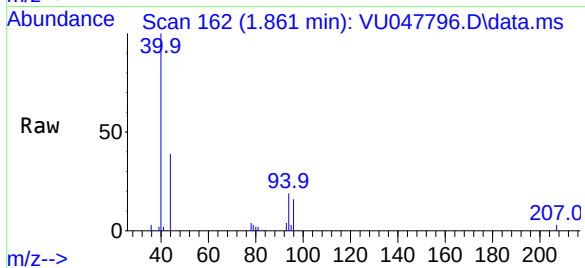




#5
Bromomethane
Concen: 0.675 ug/l
RT: 1.861 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

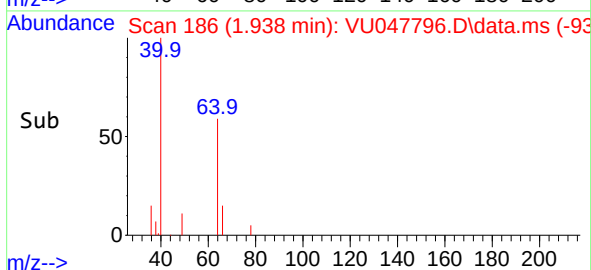
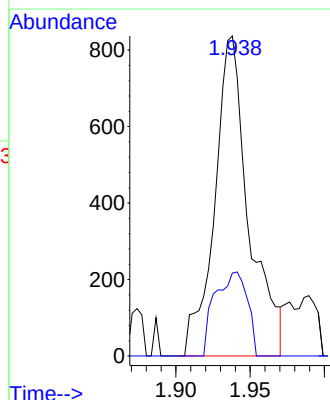
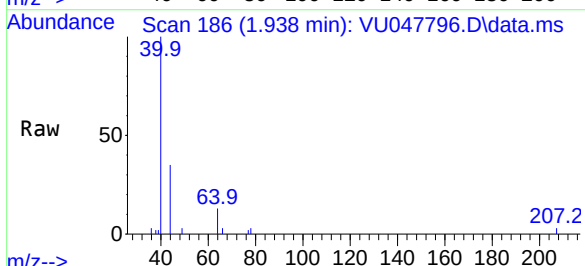
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MDL04 0.5ppb

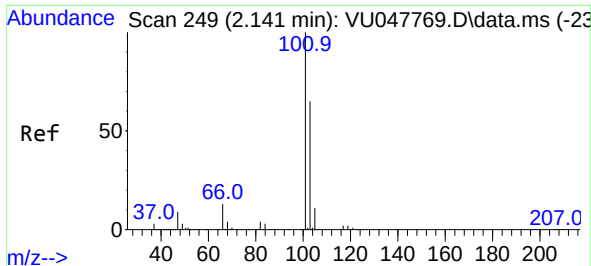
Tgt Ion: 94 Resp: 1459
Ion Ratio Lower Upper
94 100
96 86.8 73.7 110.5



#6
Chloroethane
Concen: 0.624 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 64 Resp: 1339
Ion Ratio Lower Upper
64 100
66 25.9 24.7 37.1

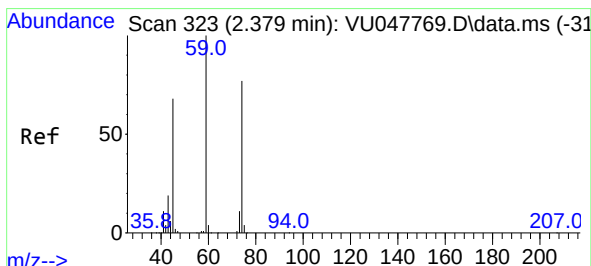
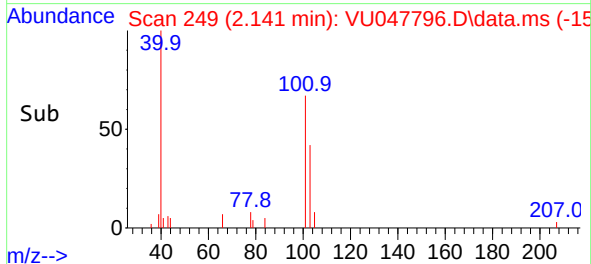
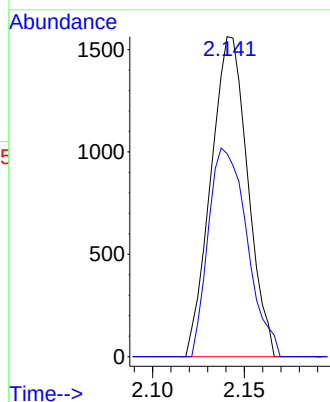
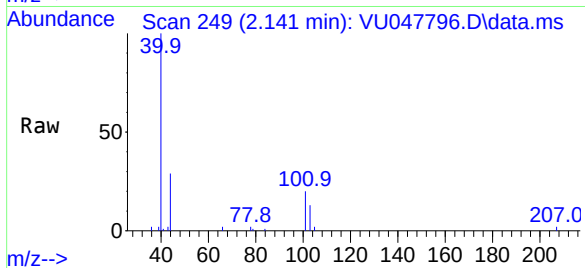




#7
 Trichlorofluoromethane
 Concen: 0.474 ug/l
 RT: 2.141 min Scan# 249
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

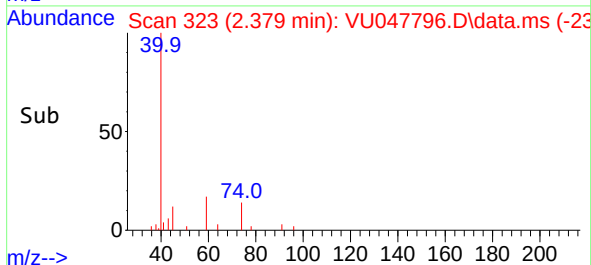
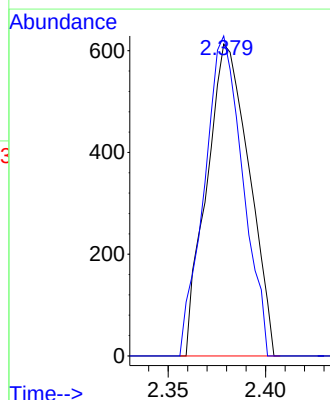
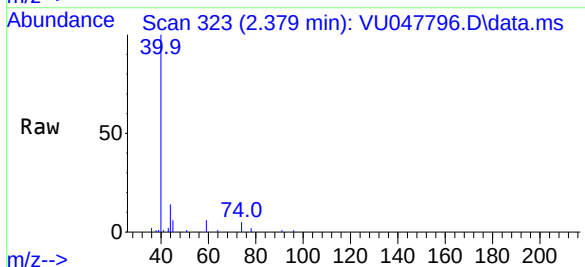
Instrument :
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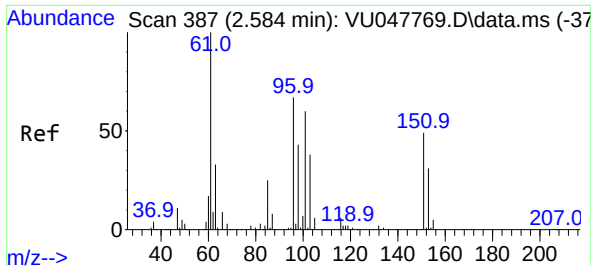
Tgt Ion:101 Resp: 2178
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 75.8



#8
 Diethyl Ether
 Concen: 0.528 ug/l
 RT: 2.379 min Scan# 323
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 927
 Ion Ratio Lower Upper
 74 100
 45 93.1 44.4 133.2

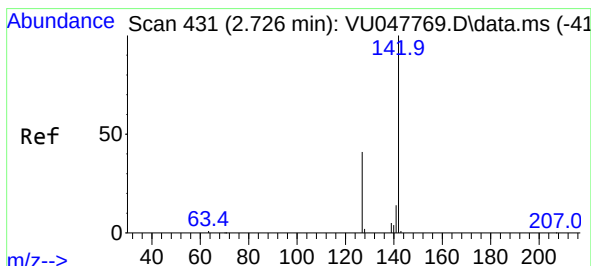
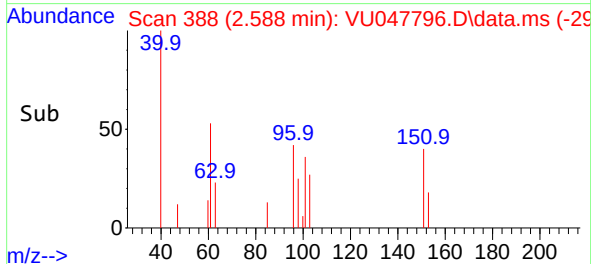
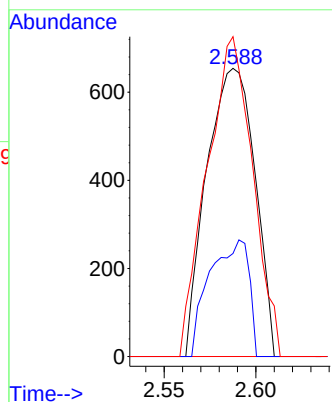
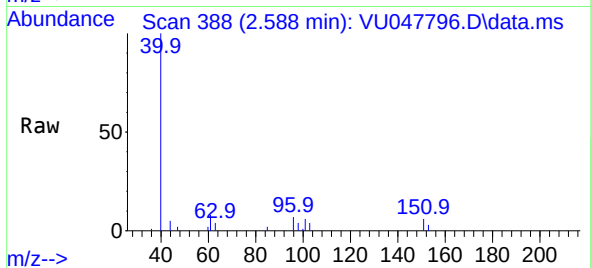




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.437 ug/l
RT: 2.588 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

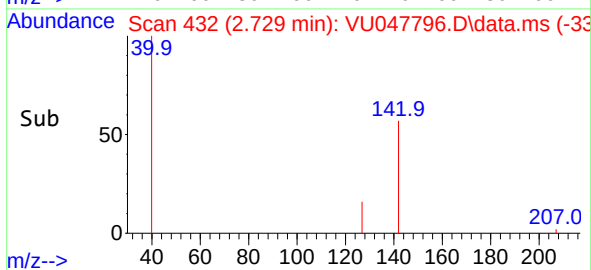
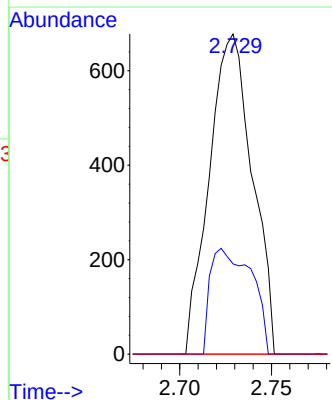
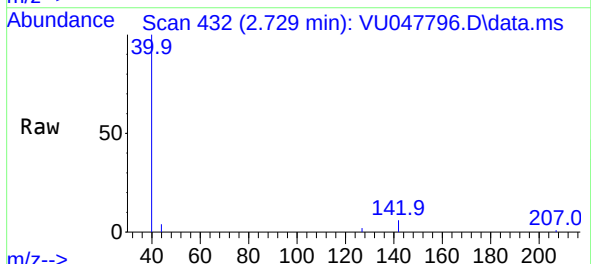
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

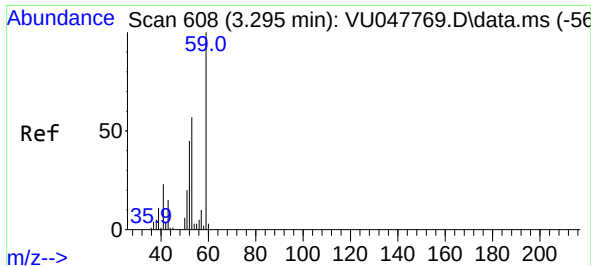
Tgt Ion:101 Resp: 1199
Ion Ratio Lower Upper
101 100
85 32.9 33.9 50.9#
151 104.6 64.0 96.0#



#10
Methyl Iodide
Concen: 0.418 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:142 Resp: 1105
Ion Ratio Lower Upper
142 100
127 31.7 32.5 48.7#
141 0.0 11.4 17.0#





#11

Tert butyl alcohol

Concen: 2.061 ug/l

RT: 3.179 min Scan# 51

Delta R.T. -0.116 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

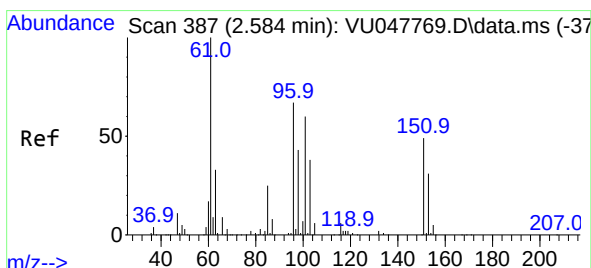
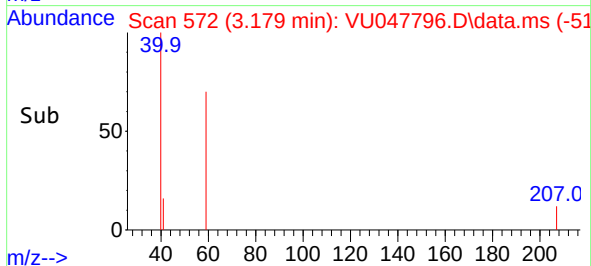
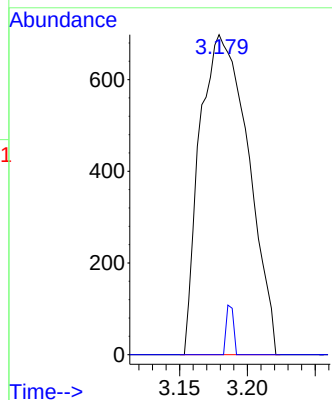
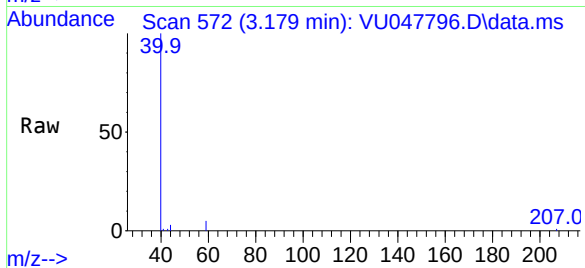
MDL04 0.5ppb

Tgt Ion: 59 Resp: 1735

Ion Ratio Lower Upper

59 100

57 2.3 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 0.503 ug/l

RT: 2.588 min Scan# 388

Delta R.T. 0.004 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

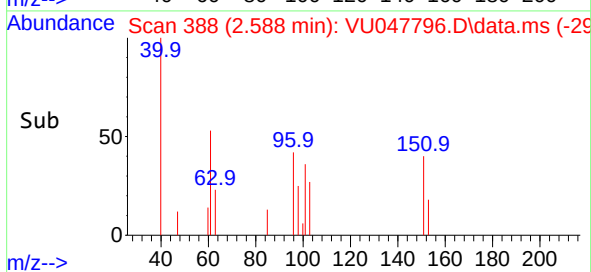
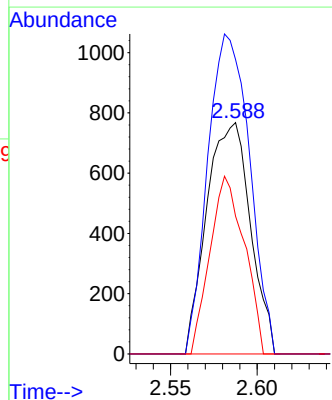
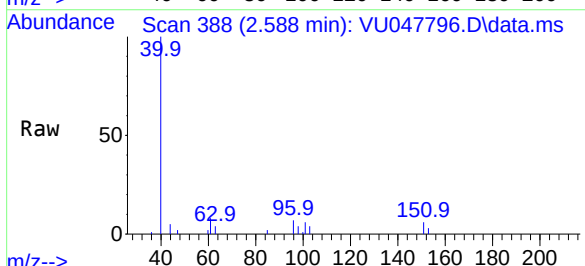
Tgt Ion: 96 Resp: 1348

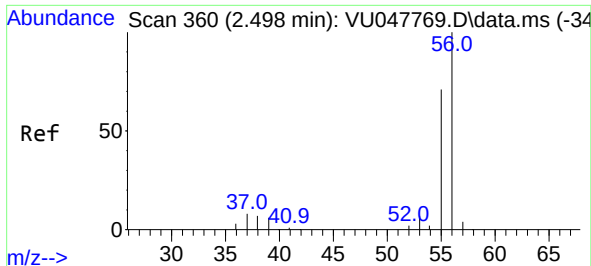
Ion Ratio Lower Upper

96 100

61 127.2 122.2 183.2

98 59.5 50.7 76.1

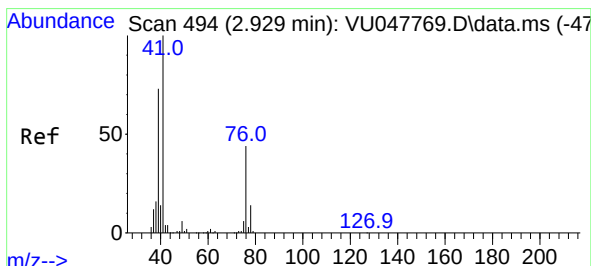
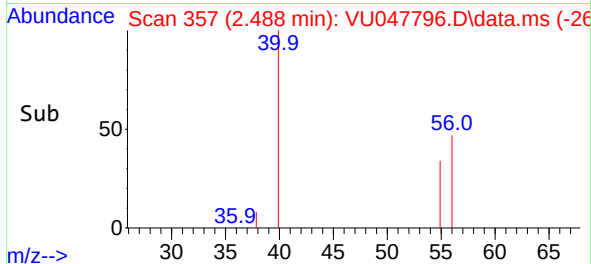
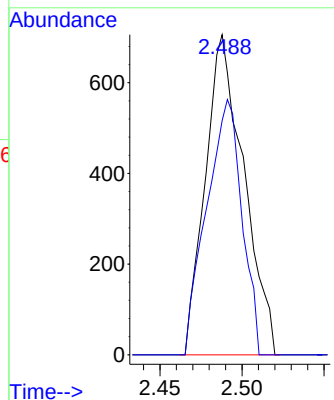
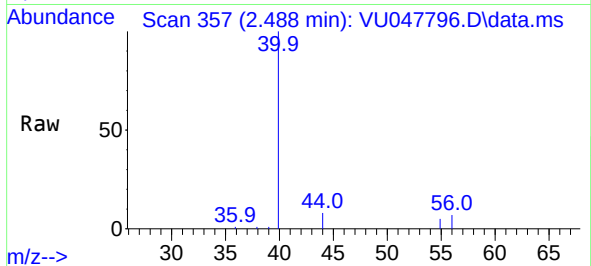




#13
Acrolein
Concen: 2.712 ug/l
RT: 2.488 min Scan# 311
Delta R.T. -0.010 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

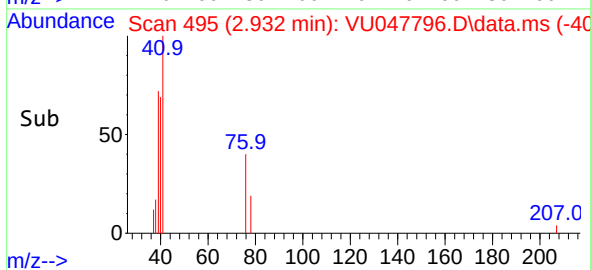
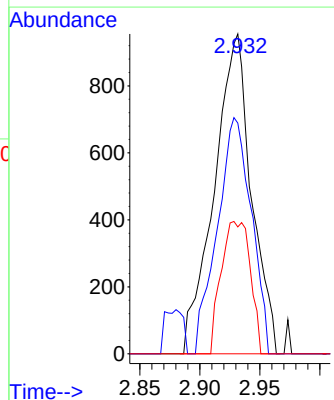
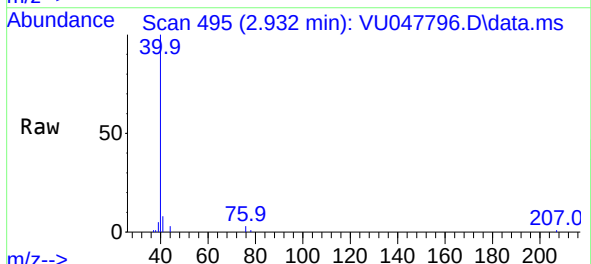
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

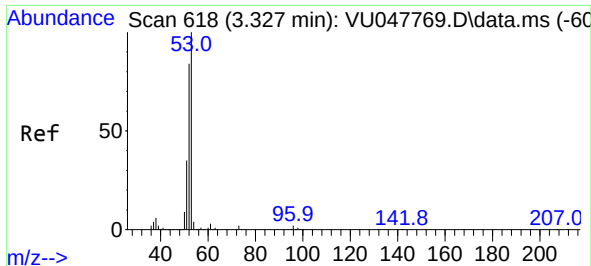
Tgt Ion: 56 Resp: 1150
Ion Ratio Lower Upper
56 100
55 72.9 56.6 85.0



#14
Allyl chloride
Concen: 0.542 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 41 Resp: 2063
Ion Ratio Lower Upper
41 100
39 67.4 53.4 80.2
76 32.3 33.8 50.6#

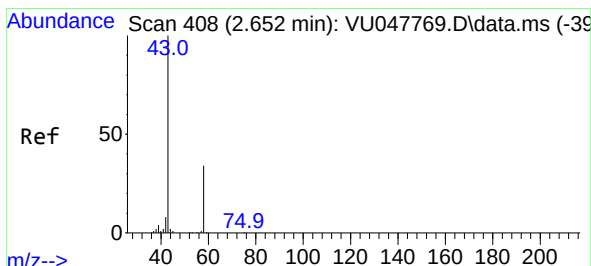
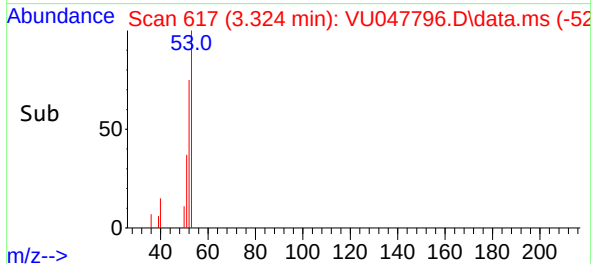
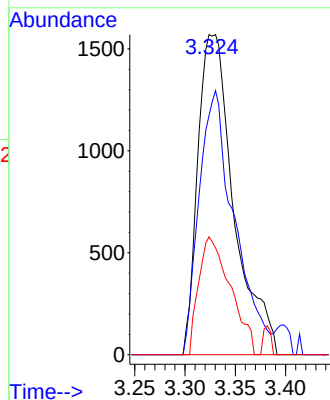
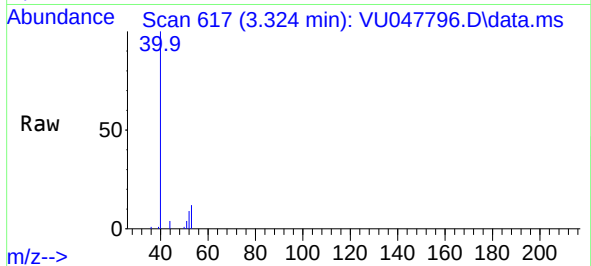




#15
Acrylonitrile
Concen: 1.940 ug/l
RT: 3.324 min Scan# 618
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

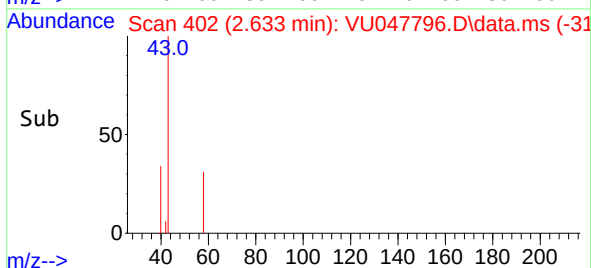
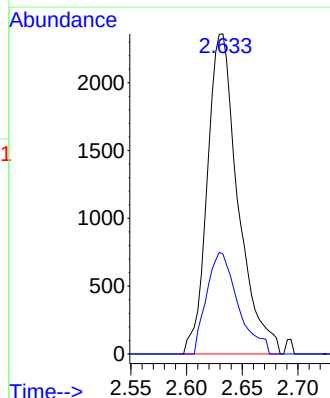
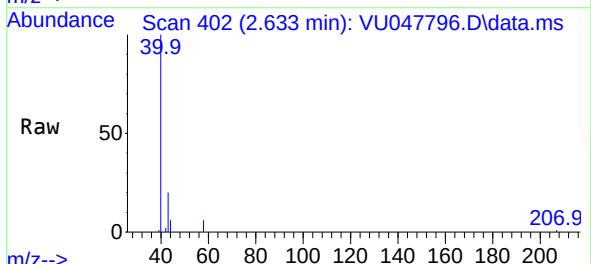
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

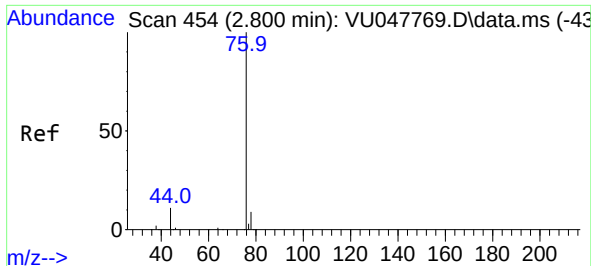
Tgt Ion: 53	Resp:	3917	
Ion	Ratio	Lower	Upper
53	100		
52	80.5	65.7	98.5
51	32.4	28.2	42.4



#16
Acetone
Concen: 2.069 ug/l
RT: 2.633 min Scan# 402
Delta R.T. -0.019 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 43	Resp: 4532
Ion Ratio	Lower Upper
43 100	
58 31.2	27.5 41.3

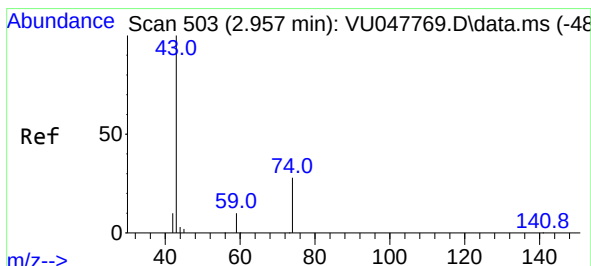
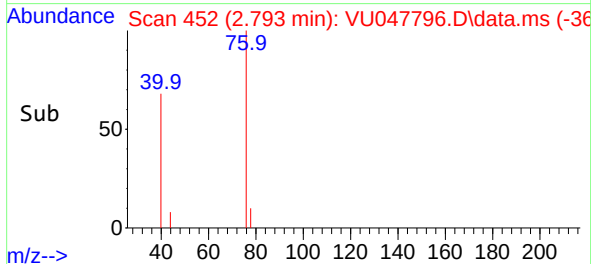
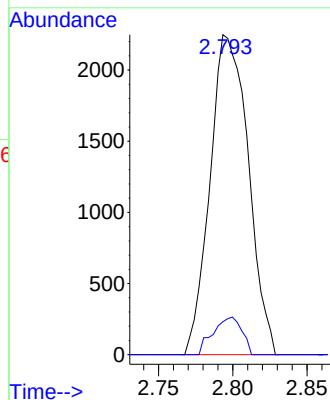
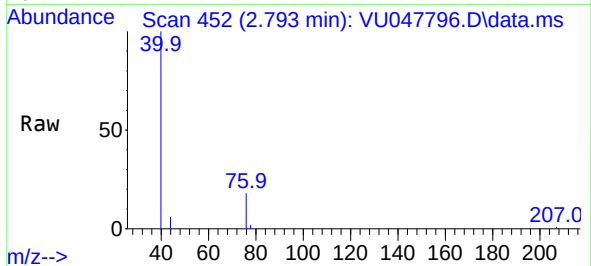




#17
Carbon Disulfide
Concen: 0.510 ug/l
RT: 2.793 min Scan# 452
Delta R.T. -0.007 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

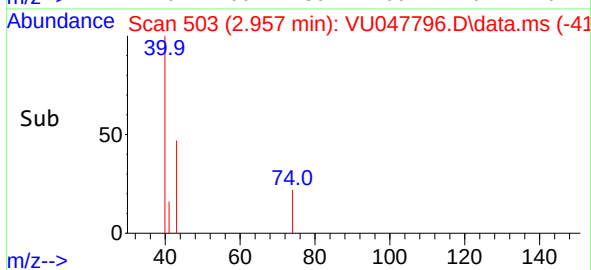
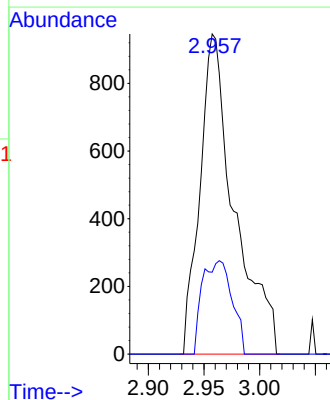
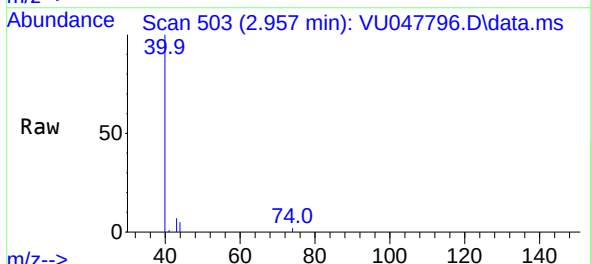
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

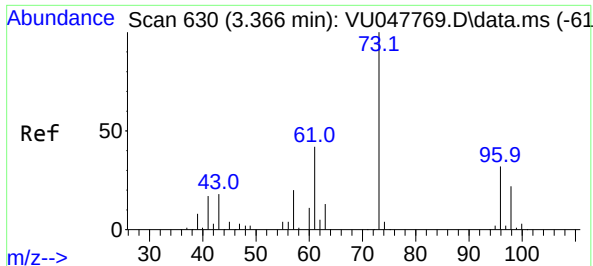
Tgt Ion: 76 Resp: 4025
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#18
Methyl Acetate
Concen: 0.497 ug/l
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 43 Resp: 2035
Ion Ratio Lower Upper
43 100
74 25.2 22.5 33.7

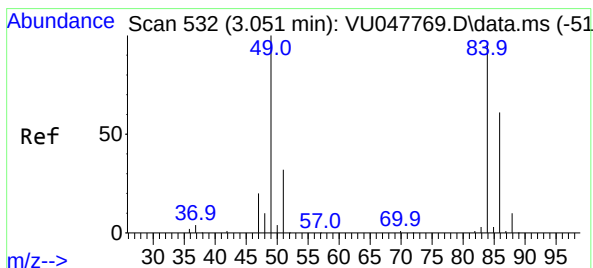
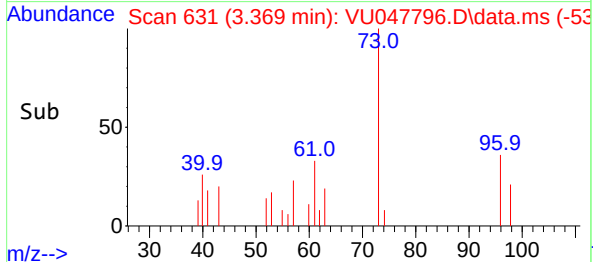
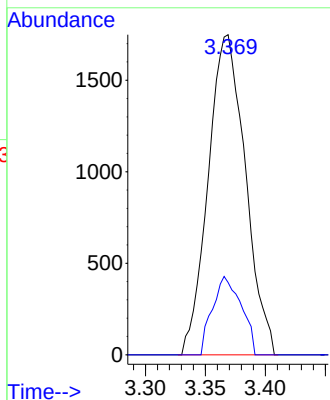
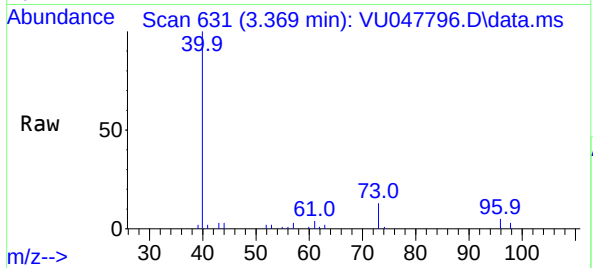




#19
Methyl tert-butyl Ether
Concen: 0.446 ug/l
RT: 3.369 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

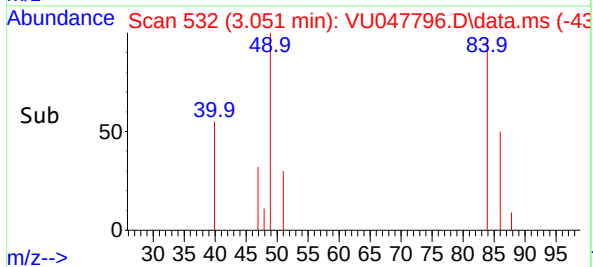
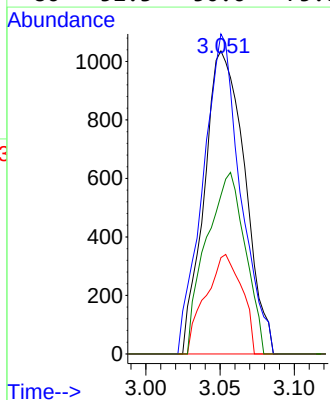
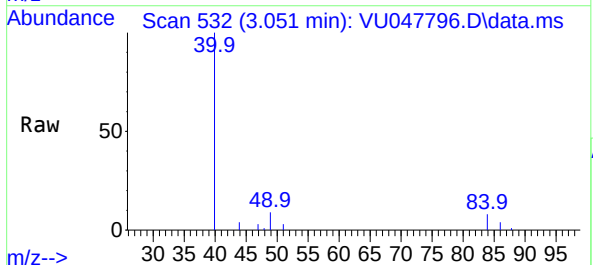
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

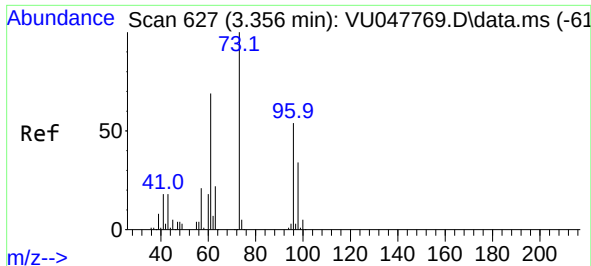
Tgt Ion: 73 Resp: 3769
Ion Ratio Lower Upper
73 100
57 22.6 17.1 25.7



#20
Methylene Chloride
Concen: 0.603 ug/l
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 84 Resp: 1963
Ion Ratio Lower Upper
84 100
49 105.6 86.6 129.8
51 31.8 26.6 40.0
86 52.3 50.6 75.8

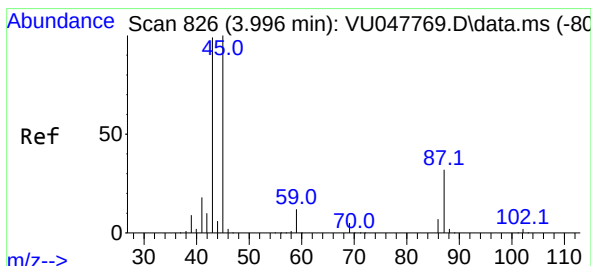
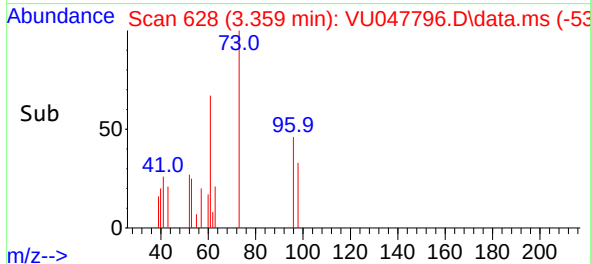
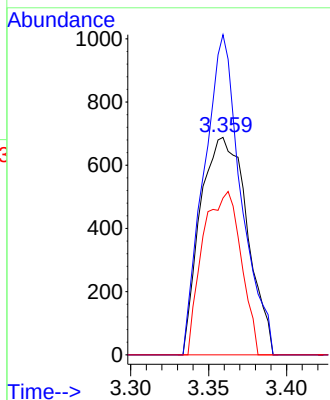
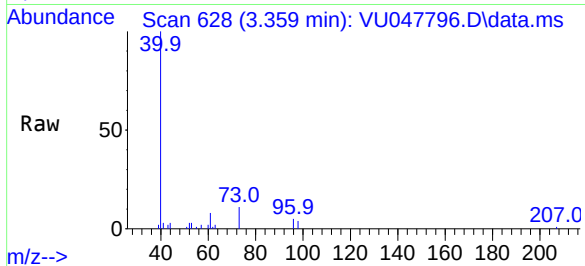




#21
trans-1,2-Dichloroethene
Concen: 0.491 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

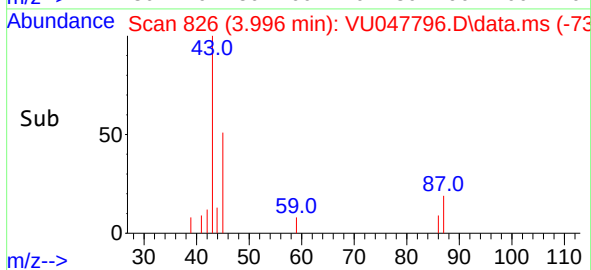
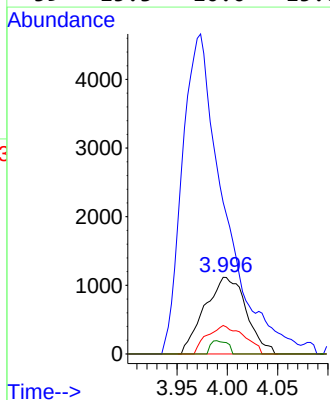
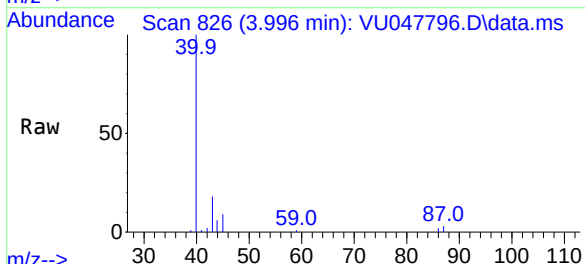
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

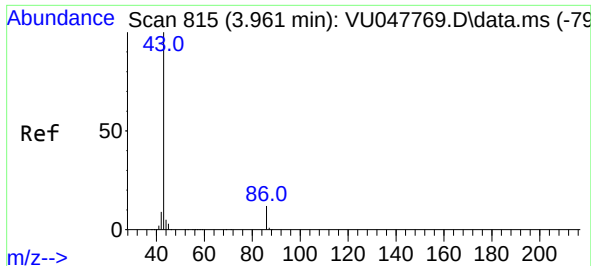
Tgt Ion: 96 Resp: 1434
Ion Ratio Lower Upper
96 100
61 147.2 106.1 159.1
98 72.1 50.8 76.2



#22
Diisopropyl ether
Concen: 0.425 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 45 Resp: 3220
Ion Ratio Lower Upper
45 100
43 170.5 92.9 139.3#
87 37.2 26.2 39.2
59 15.3 10.0 15.0#

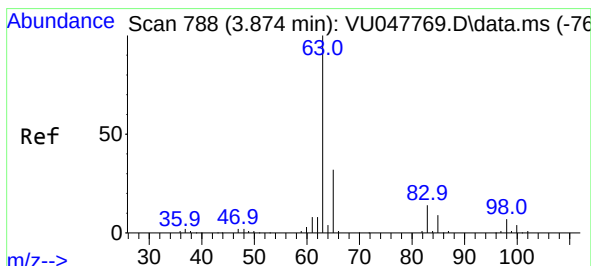
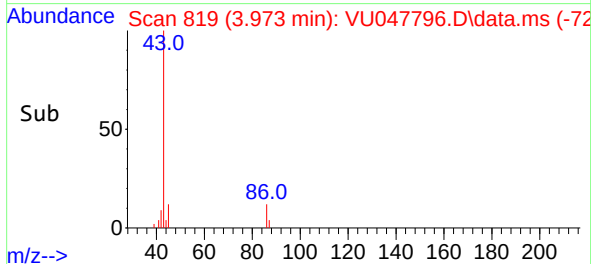
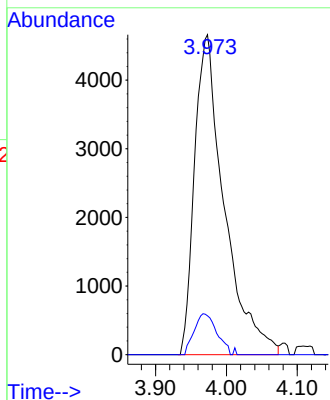
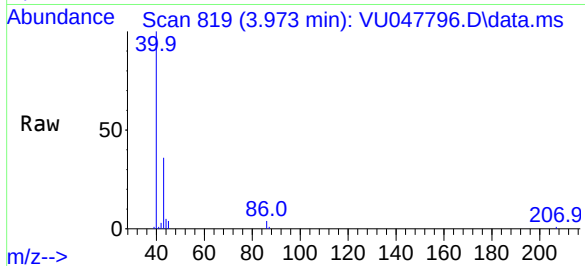




#23
 Vinyl Acetate
 Concen: 1.970 ug/l
 RT: 3.973 min Scan# 815
 Delta R.T. 0.013 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

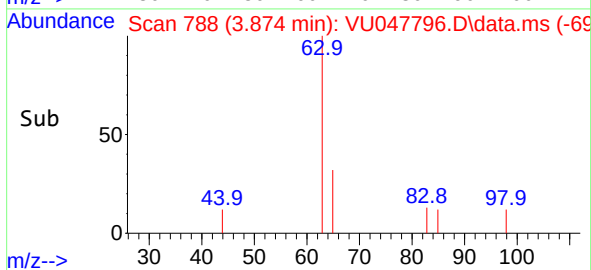
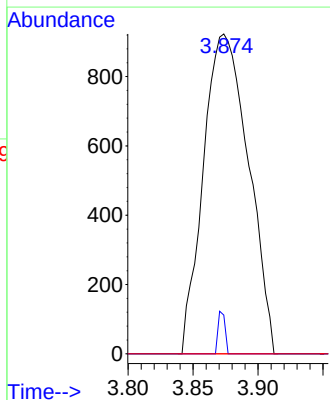
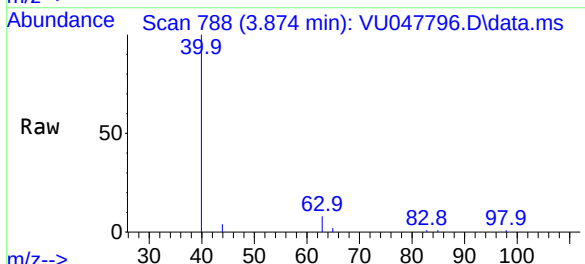
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb

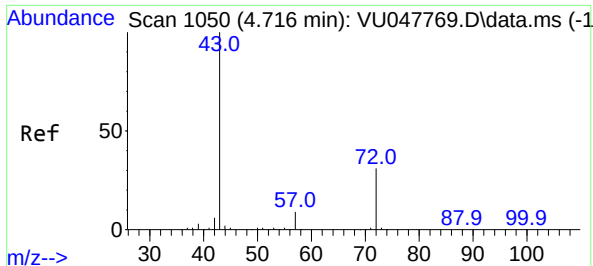
Tgt Ion: 43 Resp: 13533
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 0.447 ug/l
 RT: 3.874 min Scan# 788
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

Tgt Ion: 63 Resp: 2228
 Ion Ratio Lower Upper
 63 100
 98 12.1 3.6 10.9#
 100 0.0 2.4 7.2#

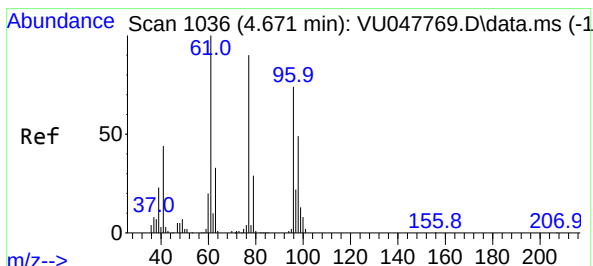
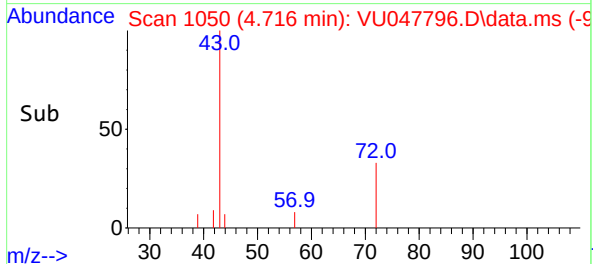
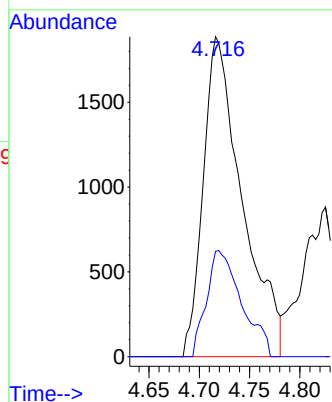
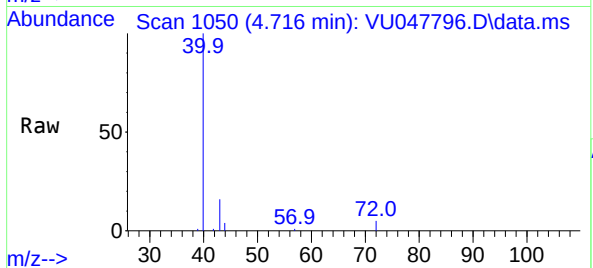




#25
2-Butanone
Concen: 1.838 ug/l
RT: 4.716 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

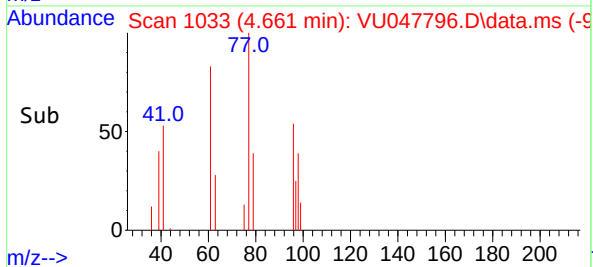
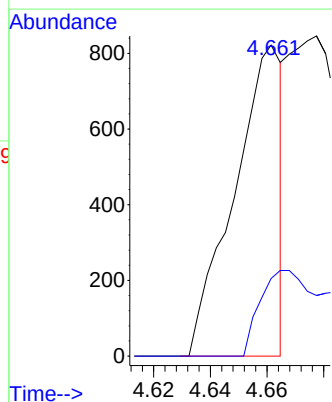
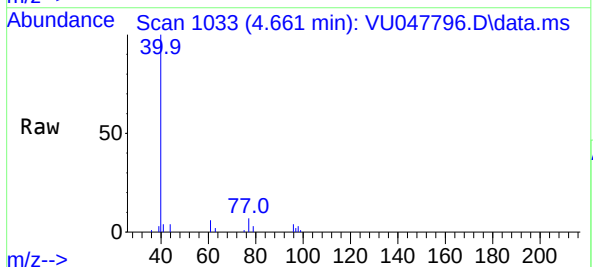
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

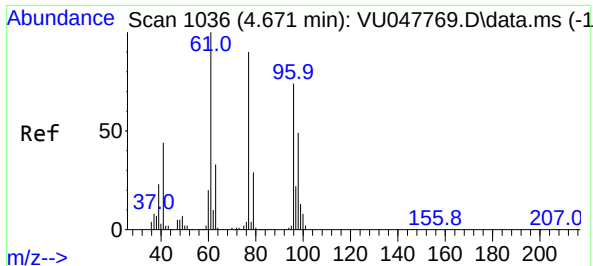
Tgt Ion: 43 Resp: 5069
Ion Ratio Lower Upper
43 100
72 32.9 23.8 35.6



#26
2,2-Dichloropropane
Concen: 0.217 ug/l
RT: 4.661 min Scan# 1033
Delta R.T. -0.010 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 77 Resp: 956
Ion Ratio Lower Upper
77 100
97 38.8 11.6 34.8#





#27

cis-1,2-Dichloroethene

Concen: 0.526 ug/l

RT: 4.677 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

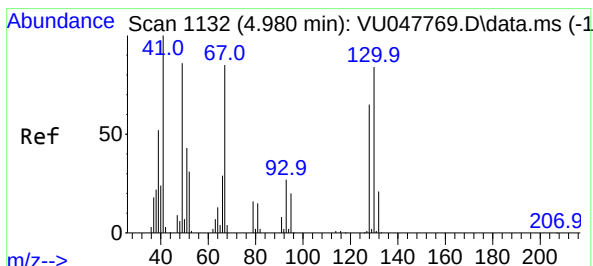
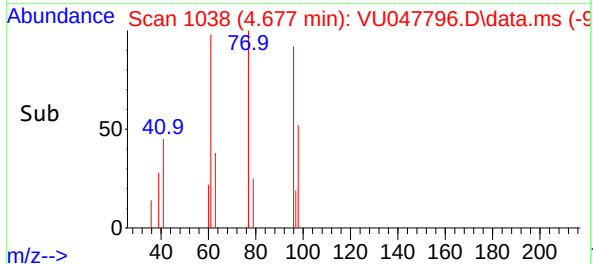
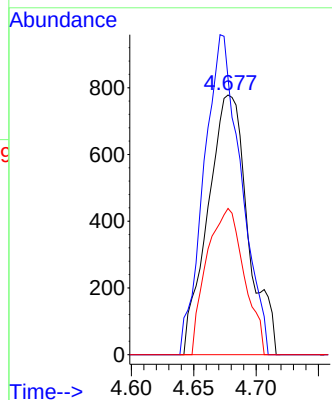
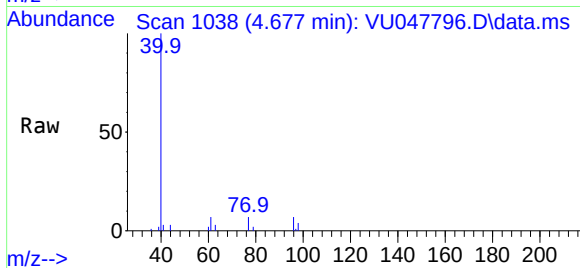
Tgt Ion: 96 Resp: 1746

Ion Ratio Lower Upper

96 100

61 113.6 0.0 271.6

98 52.5 0.0 128.2



#28

Bromochloromethane

Concen: 0.459 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

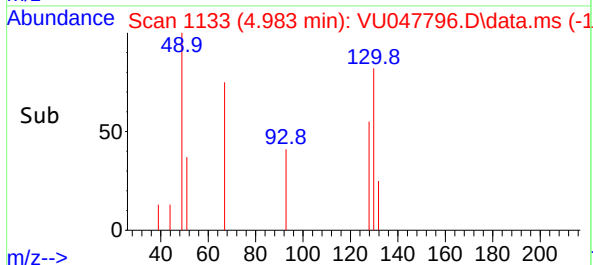
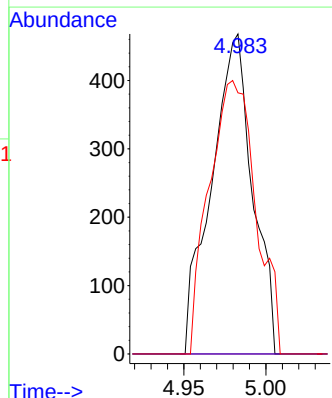
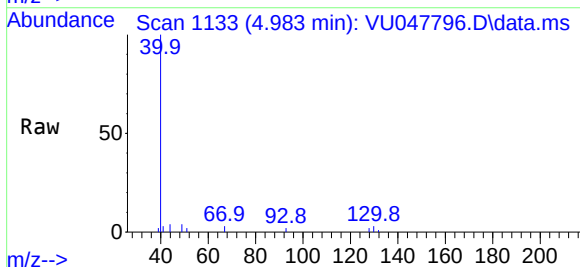
Tgt Ion: 49 Resp: 818

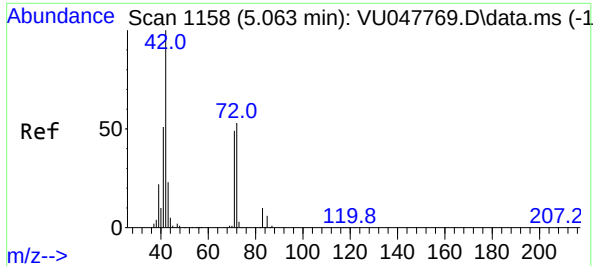
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 96.9 76.9 115.3

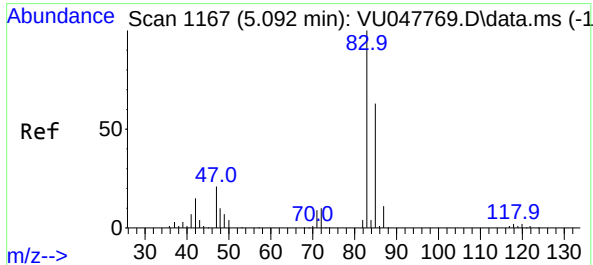
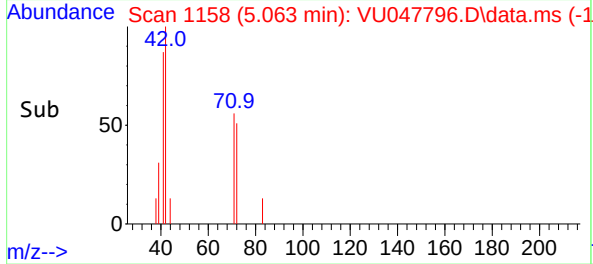
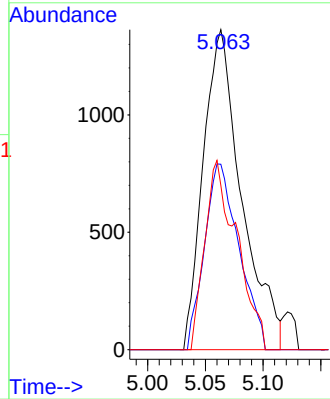
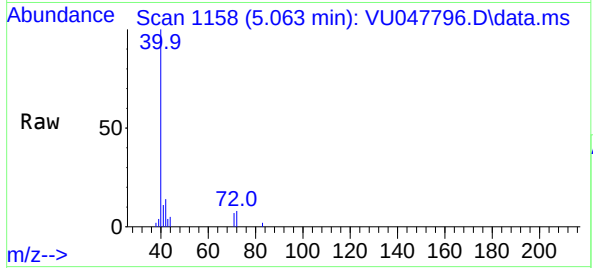




#29
Tetrahydrofuran
Concen: 1.845 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

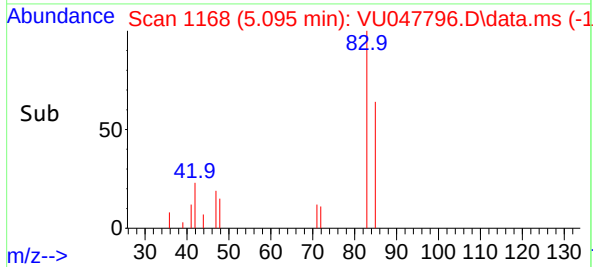
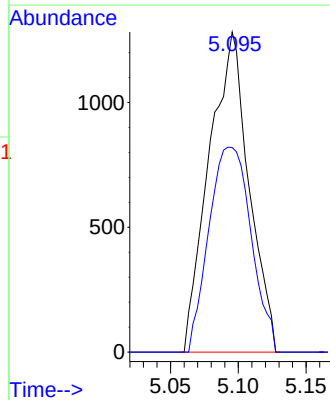
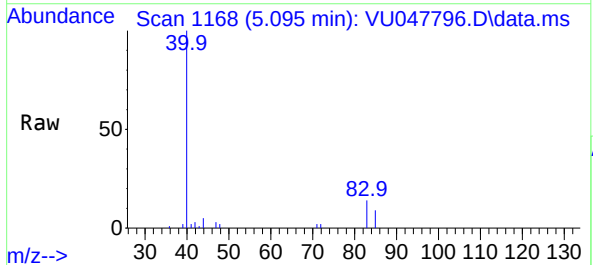
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

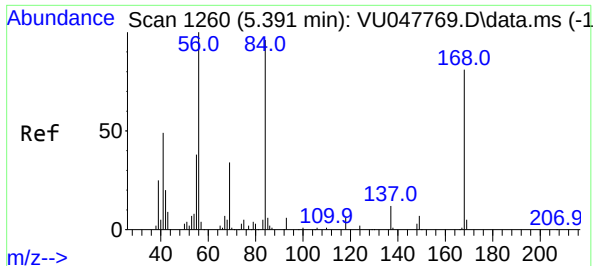
Tgt Ion:	42	Resp:	3149
Ion	Ratio	Lower	Upper
42	100		
72	52.3	42.6	63.8
71	49.5	40.3	60.5



#30
Chloroform
Concen: 0.488 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	83	Resp:	2620
Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.2	76.8

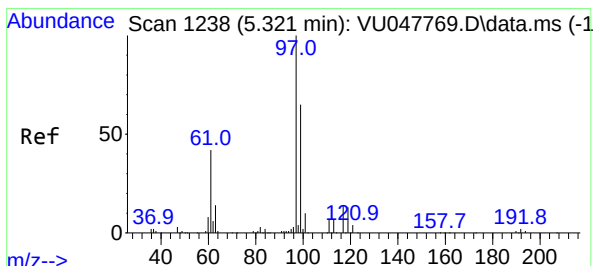
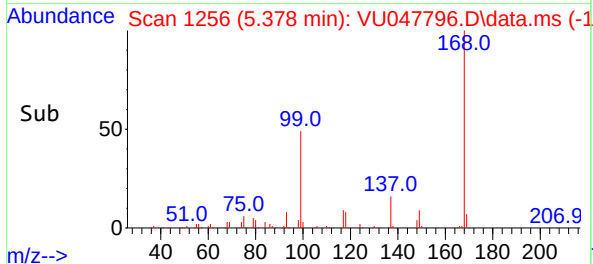
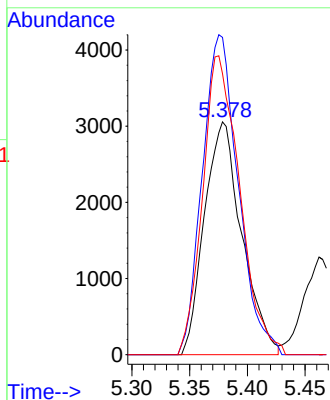
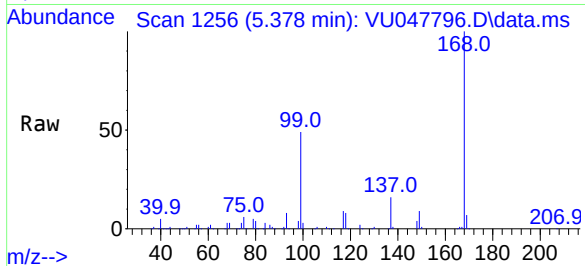




#31
Cyclohexane
Concen: 1.537 ug/l
RT: 5.378 min Scan# 11
Delta R.T. -0.013 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

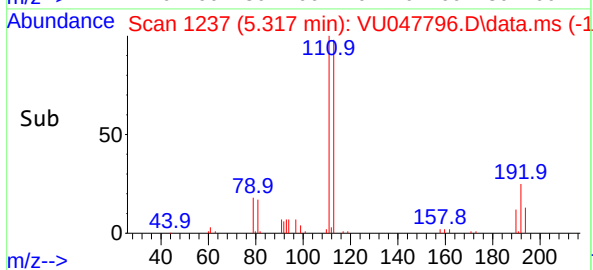
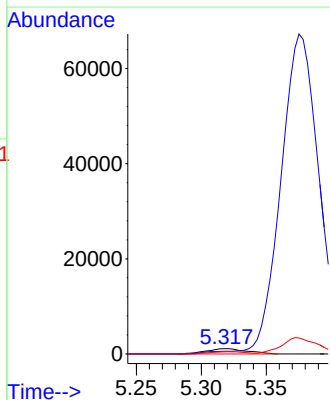
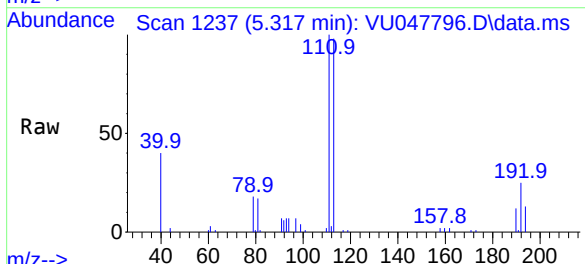
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

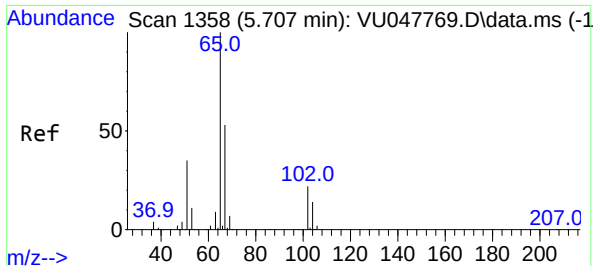
Tgt Ion: 56 Resp: 6887
Ion Ratio Lower Upper
56 100
69 136.3 27.8 41.8#
84 120.7 74.2 111.4#



#32
1,1,1-Trichloroethane
Concen: 0.521 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 97 Resp: 2409
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 36.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.074 ug/l

RT: 5.703 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

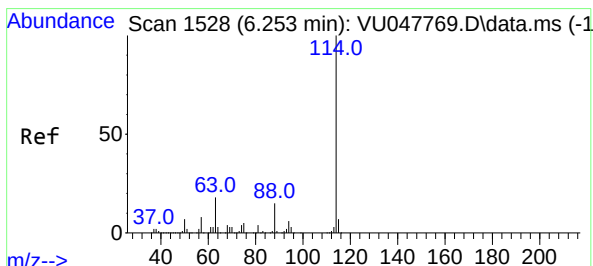
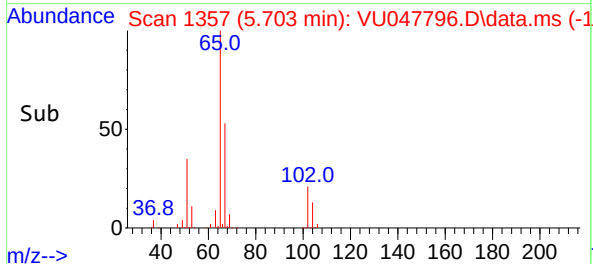
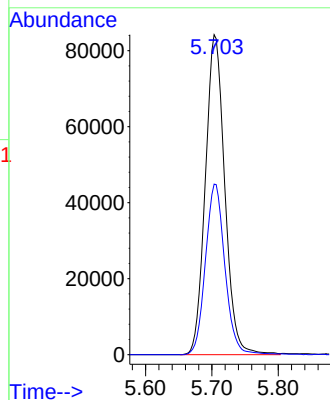
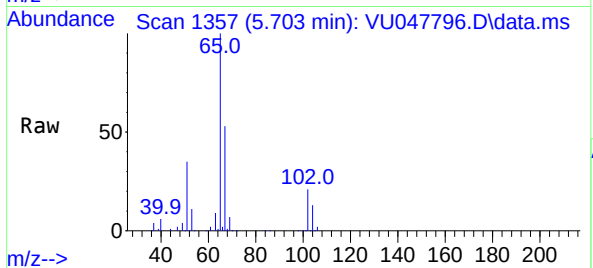
MDL04 0.5ppb

Tgt Ion: 65 Resp: 171465

Ion Ratio Lower Upper

65 100

67 53.4 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. -0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

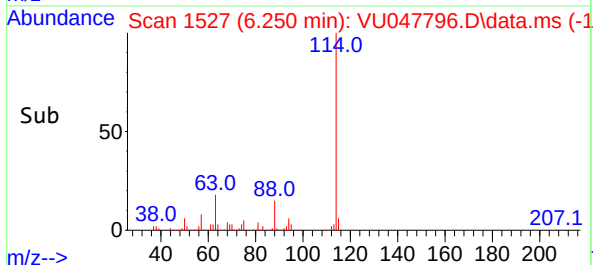
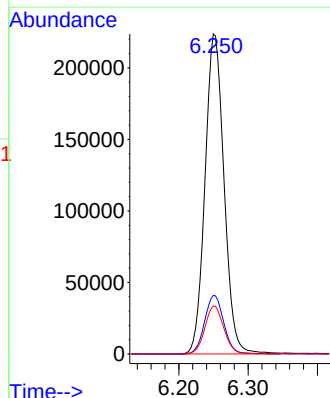
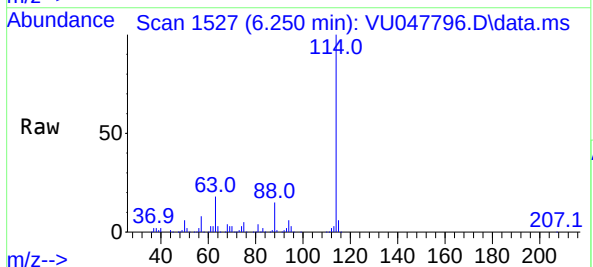
Tgt Ion:114 Resp: 426847

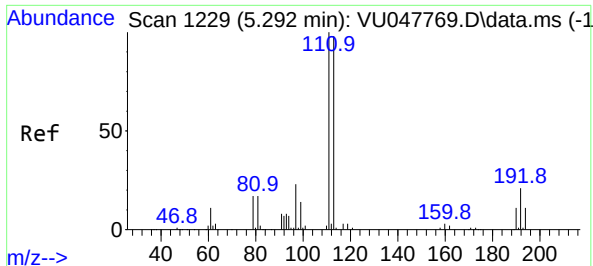
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

88 15.0 0.0 29.2

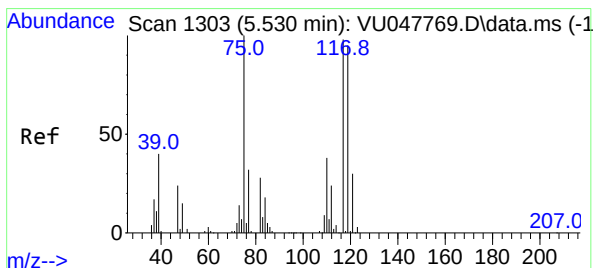
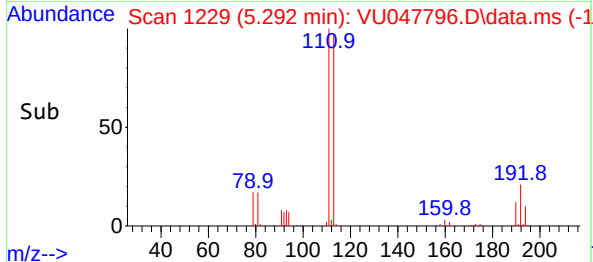
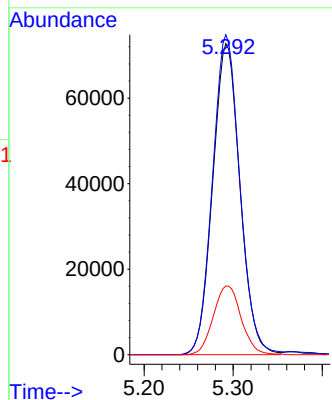
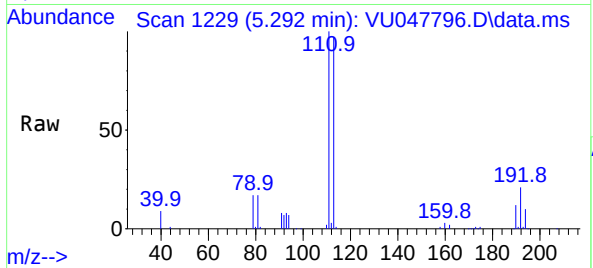




#35
Dibromofluoromethane
Concen: 53.973 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

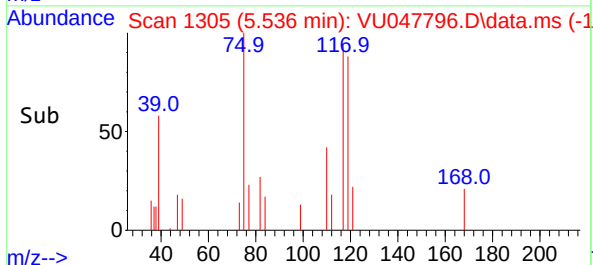
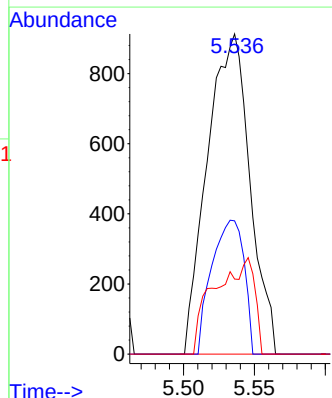
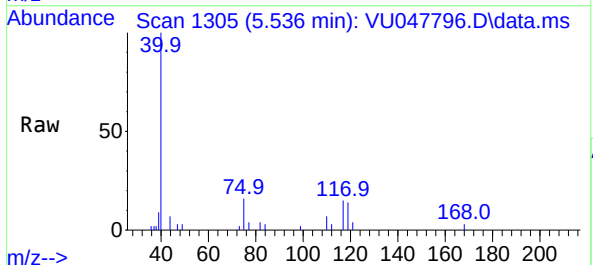
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

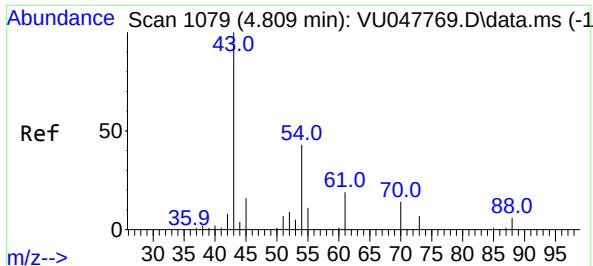
Tgt Ion:113 Resp: 154501
Ion Ratio Lower Upper
113 100
111 103.3 82.1 123.1
192 22.6 18.0 27.0



#36
1,1-Dichloropropene
Concen: 0.472 ug/l
RT: 5.536 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 75 Resp: 1909
Ion Ratio Lower Upper
75 100
110 31.7 18.4 55.2
77 28.2 25.1 37.7

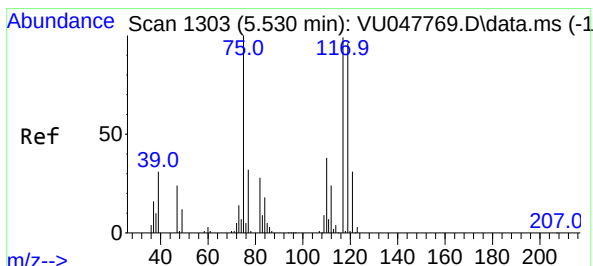
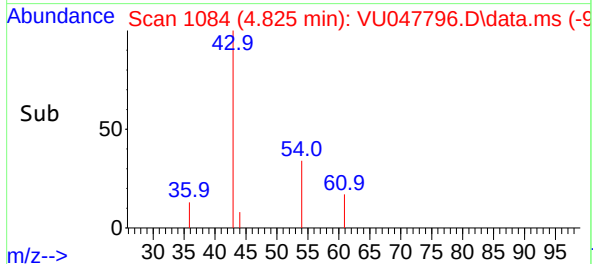
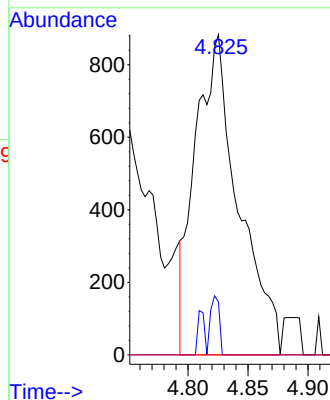
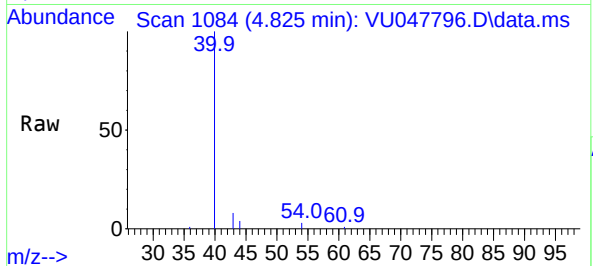




#37
Ethyl Acetate
Concen: 0.407 ug/l
RT: 4.825 min Scan# 1079
Delta R.T. 0.016 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

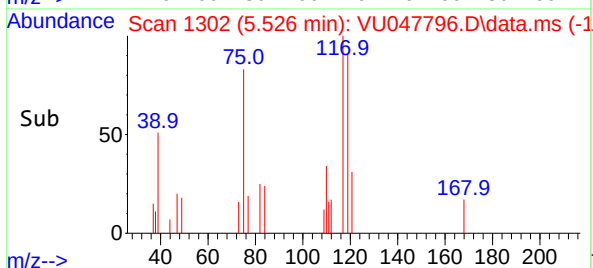
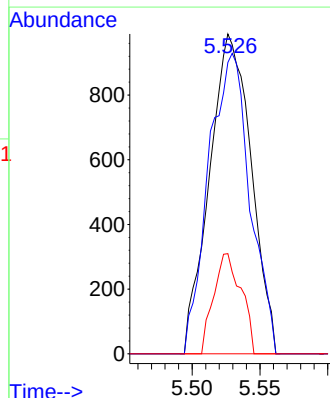
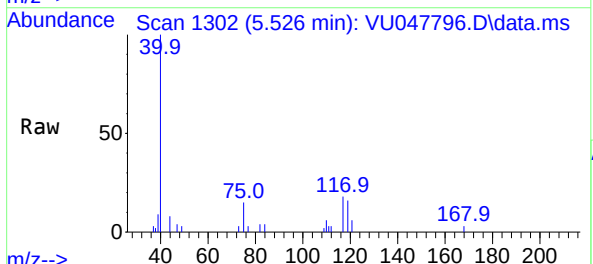
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

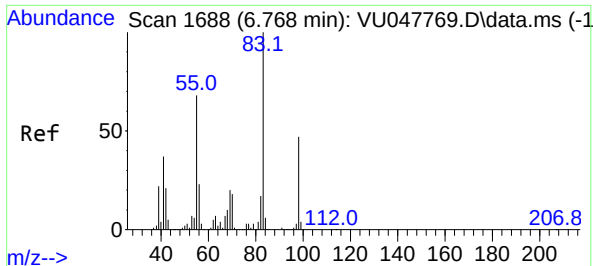
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
61 3.8 9.5 14.3#
70 0.0 7.5 11.3#



#38
Carbon Tetrachloride
Concen: 0.491 ug/l
RT: 5.526 min Scan# 1302
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 117 Resp: 2116
Ion Ratio Lower Upper
117 100
119 91.1 76.8 115.2
121 31.3 24.7 37.1





#39

Methylcyclohexane

Concen: 0.387 ug/l

RT: 6.767 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

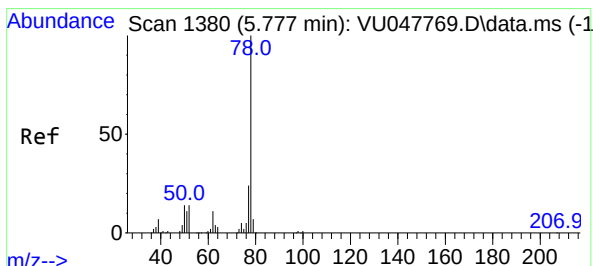
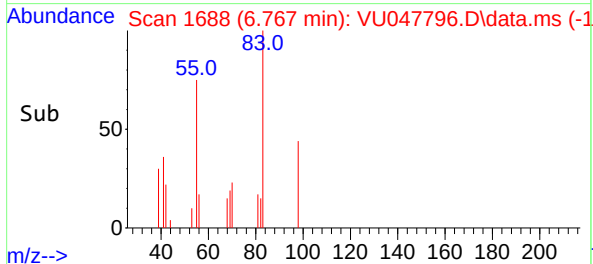
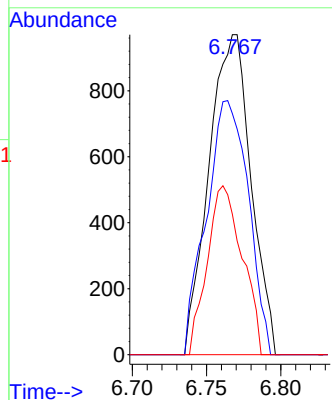
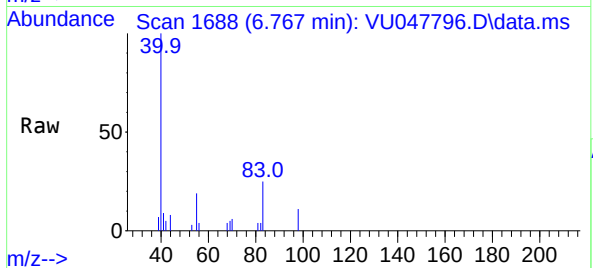
Tgt Ion: 83 Resp: 1913

Ion Ratio Lower Upper

83 100

55 75.4 55.3 82.9

98 43.9 37.3 55.9



#40

Benzene

Concen: 0.472 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU047796.D

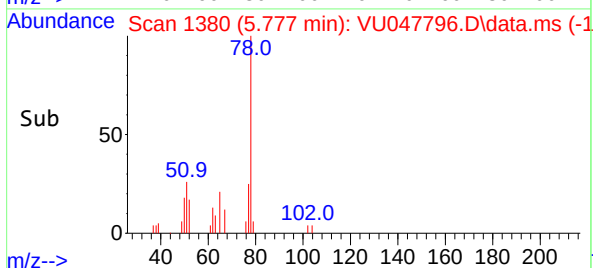
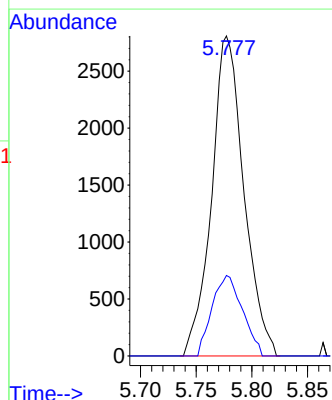
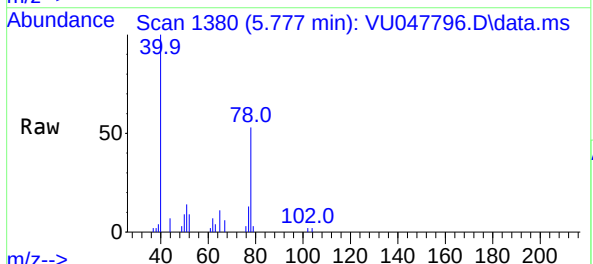
Acq: 02 Apr 2022 13:23

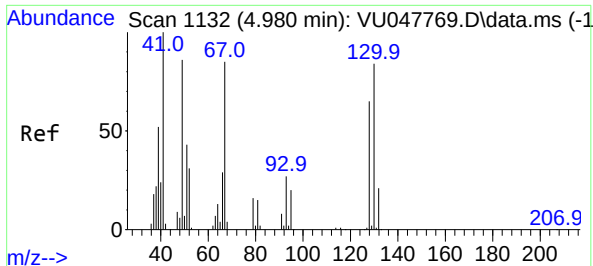
Tgt Ion: 78 Resp: 5664

Ion Ratio Lower Upper

78 100

77 25.2 18.8 28.2



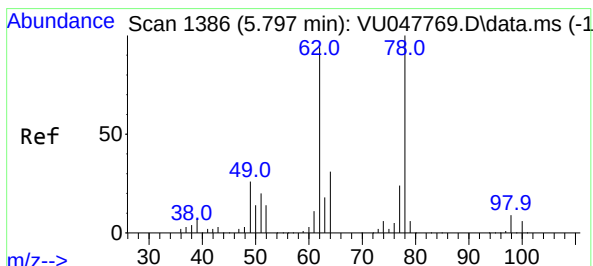
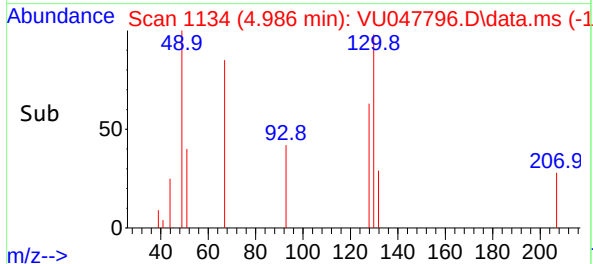
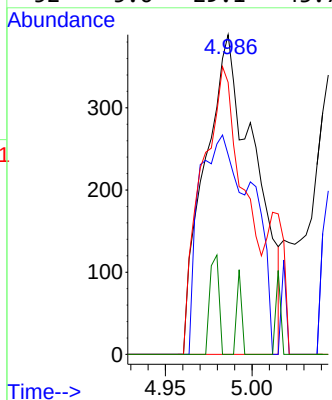
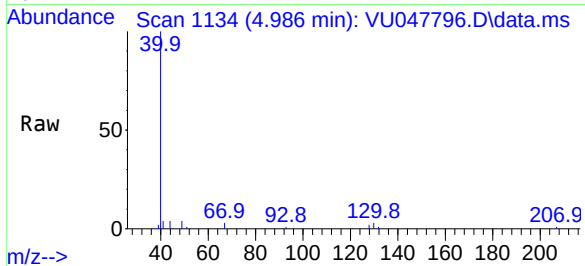


#41
Methacrylonitrile
Concen: 0.321 ug/l
RT: 4.986 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion: 41 Resp: 788

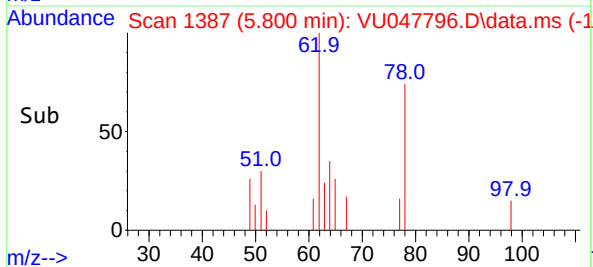
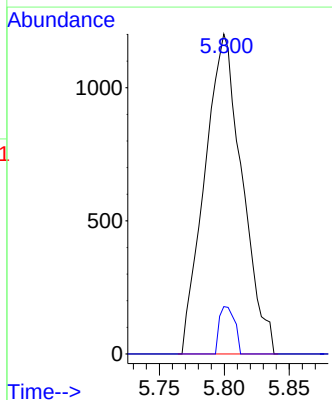
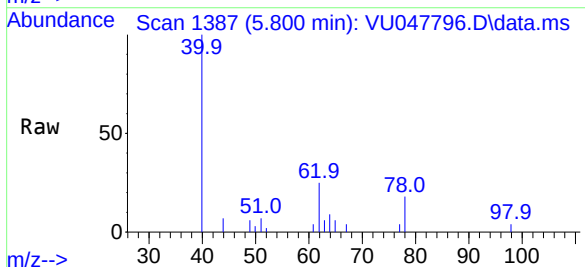
Ion	Ratio	Lower	Upper
41	100		
39	54.9	43.1	64.7
67	76.0	72.3	108.5
52	5.6	29.1	43.7

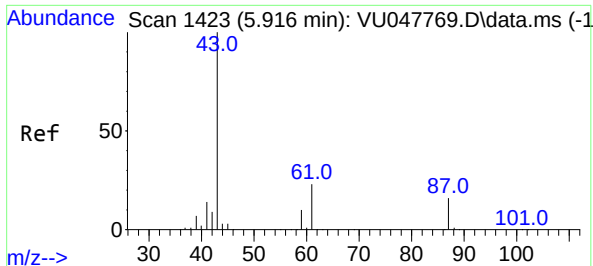


#42
1,2-Dichloroethane
Concen: 0.577 ug/l
RT: 5.800 min Scan# 1387
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 62 Resp: 2412

Ion	Ratio	Lower	Upper
62	100		
98	6.0	0.0	18.6

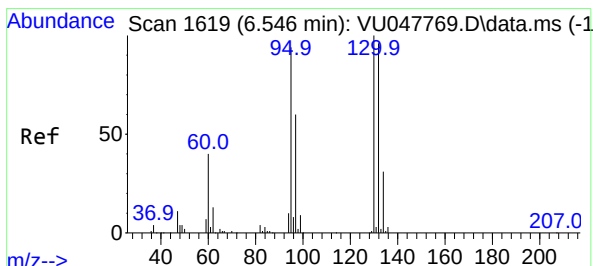
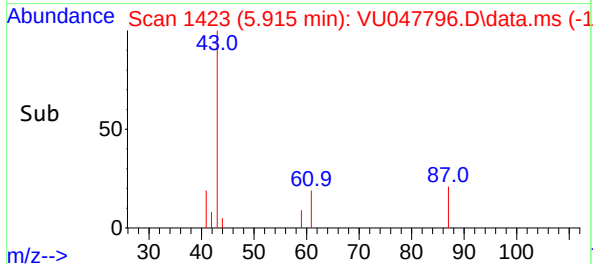
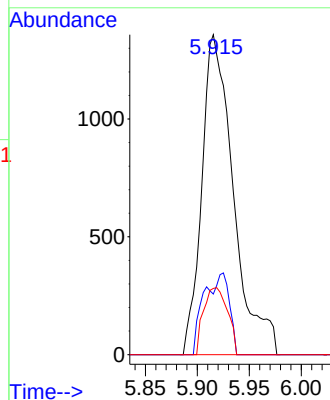
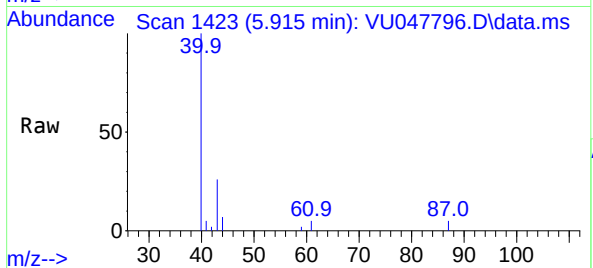




#43
Isopropyl Acetate
Concen: 0.422 ug/l
RT: 5.915 min Scan# 1423
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

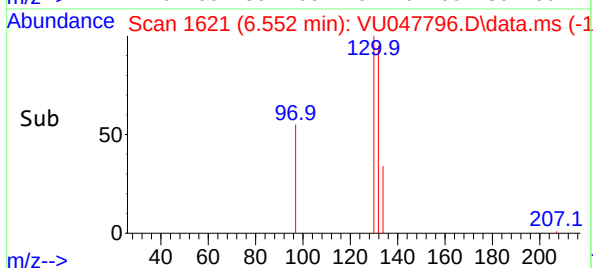
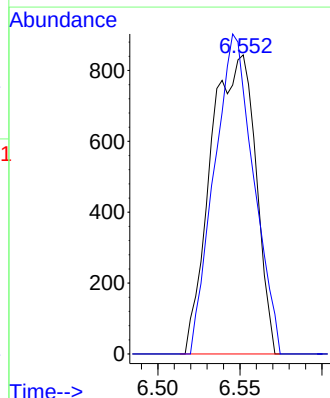
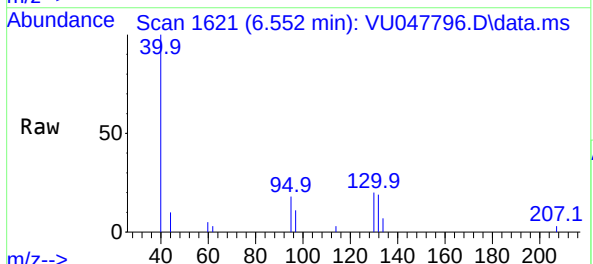
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

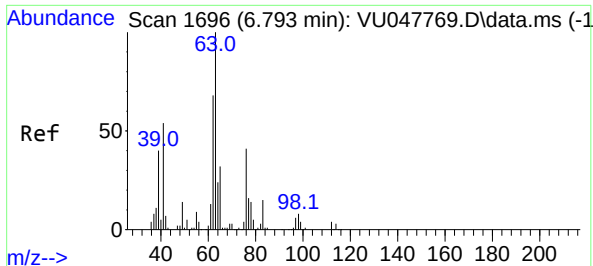
Tgt Ion: 43 Resp: 2880
Ion Ratio Lower Upper
43 100
61 10.7 17.4 26.0#
87 15.8 12.6 18.8



#44
Trichloroethene
Concen: 0.463 ug/l
RT: 6.552 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:130 Resp: 1611
Ion Ratio Lower Upper
130 100
95 88.2 0.0 184.6

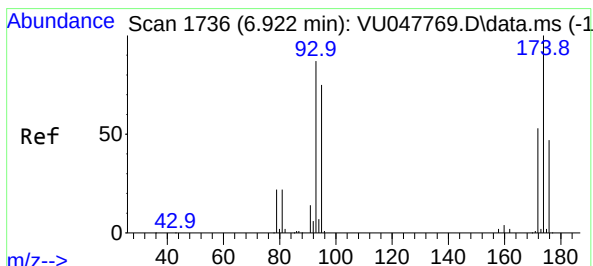
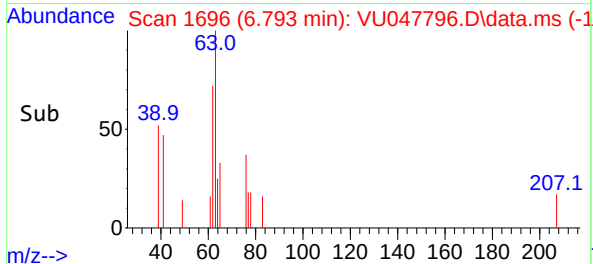
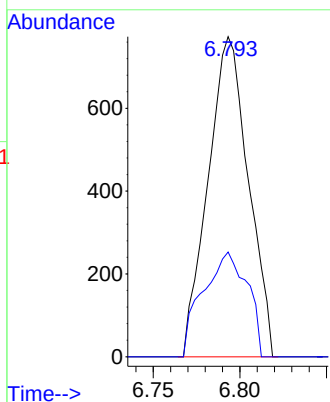
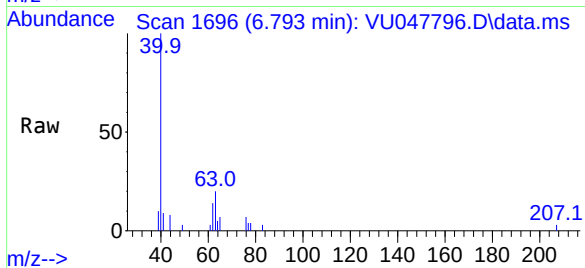




#45
1,2-Dichloropropane
Concen: 0.413 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

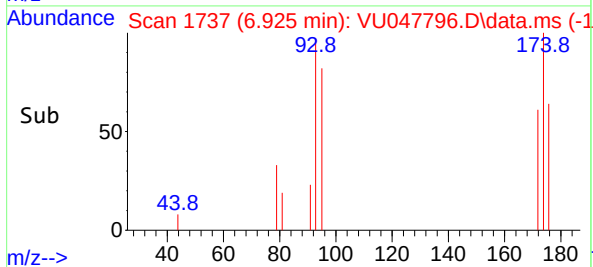
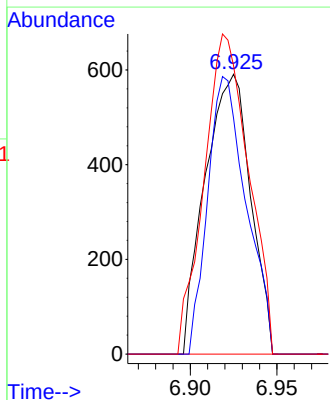
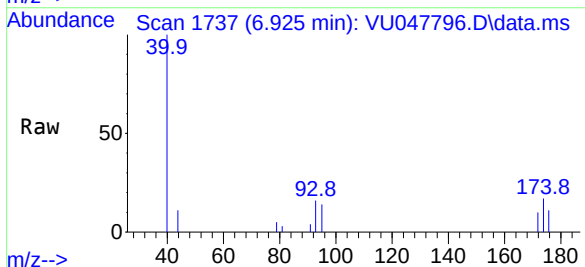
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

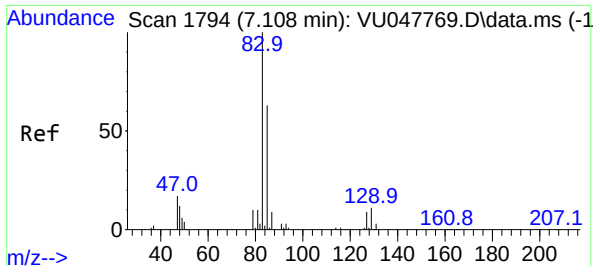
Tgt Ion: 63 Resp: 1249
Ion Ratio Lower Upper
63 100
65 32.7 25.0 37.4



#46
Dibromomethane
Concen: 0.453 ug/l
RT: 6.925 min Scan# 1737
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 93 Resp: 1082
Ion Ratio Lower Upper
93 100
95 83.9 66.3 99.5
174 111.7 88.2 132.4

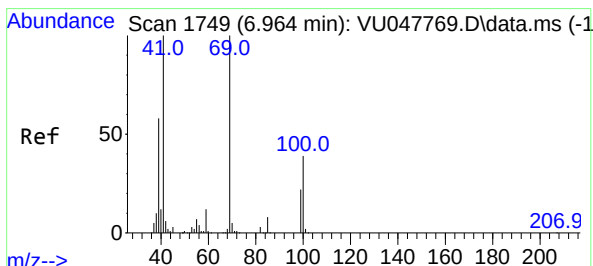
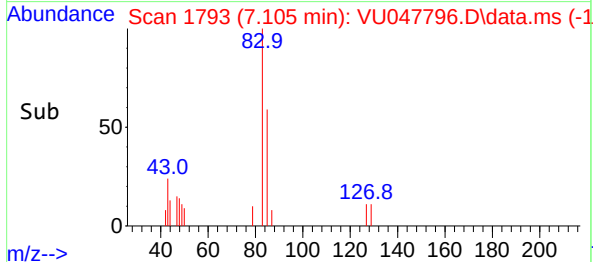
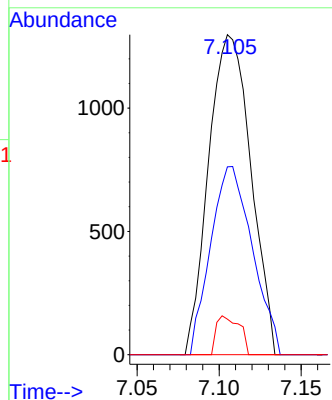
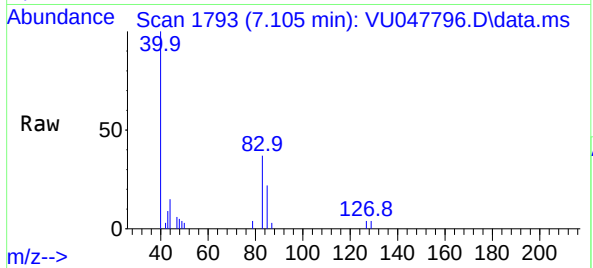




#47
Bromodichloromethane
Concen: 0.529 ug/l
RT: 7.105 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

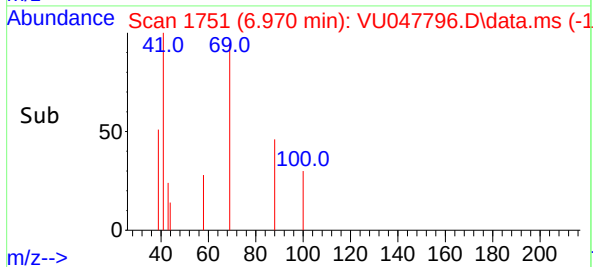
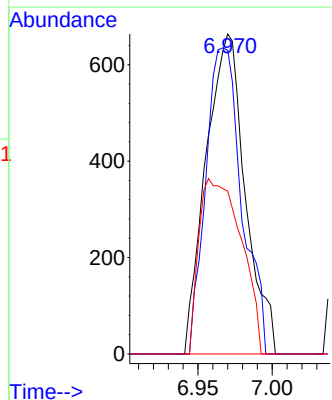
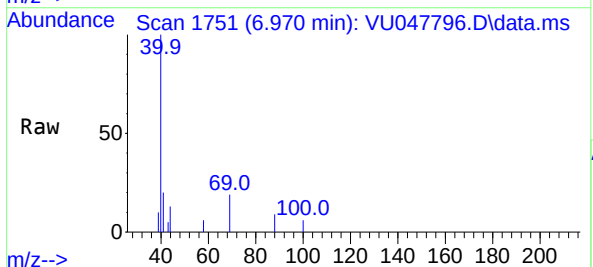
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

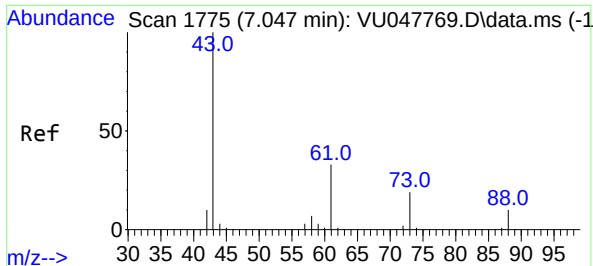
Tgt Ion: 83 Resp: 2325
Ion Ratio Lower Upper
83 100
85 58.7 51.4 77.2
127 11.1 7.1 10.7#



#48
Methyl methacrylate
Concen: 0.391 ug/l
RT: 6.970 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 41 Resp: 1223
Ion Ratio Lower Upper
41 100
69 87.7 79.8 119.6
39 58.8 47.9 71.9

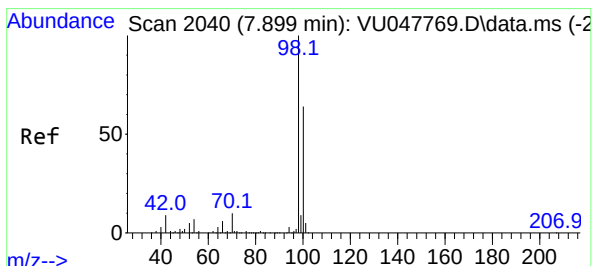
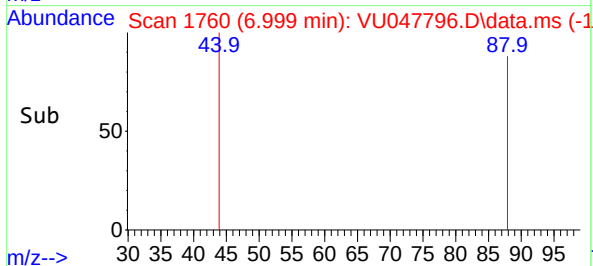
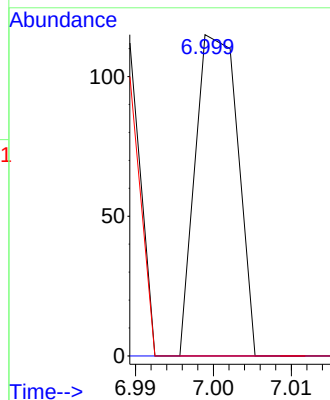
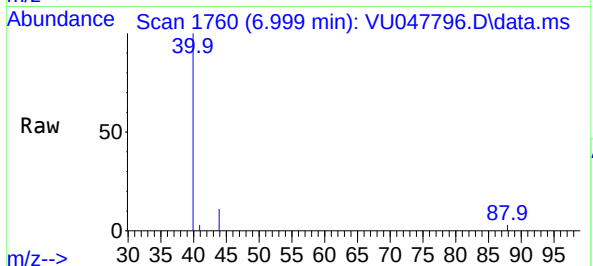




#49
1,4-Dioxane
Concen: 0.450 ug/l
RT: 6.999 min Scan# 1775
Delta R.T. -0.048 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

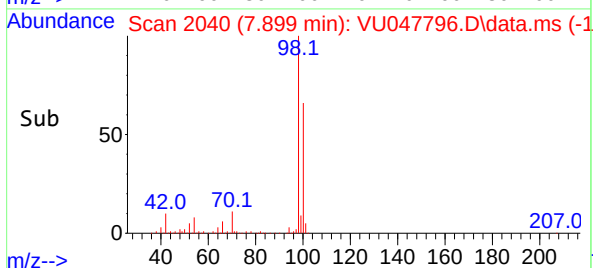
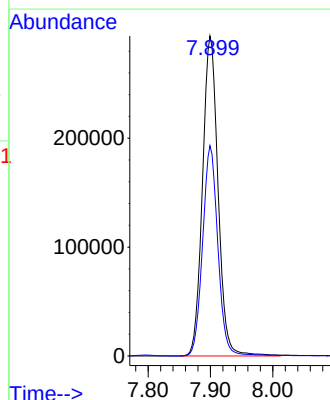
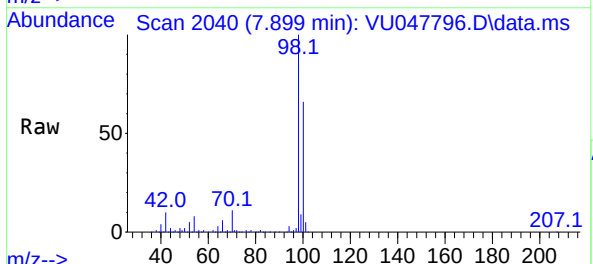
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

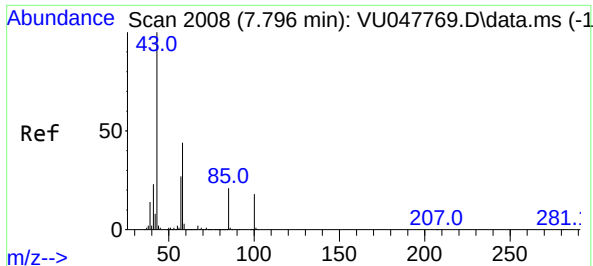
Tgt Ion: 88	Resp: 43
Ion Ratio	Lower Upper
88 100	
43 0.0 0.0	0.0
58 0.0 15.4	23.0#



#50
Toluene-d8
Concen: 49.490 ug/l
RT: 7.899 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 98	Resp: 510383
Ion Ratio	Lower Upper
98 100	
100 64.3 51.7	77.5

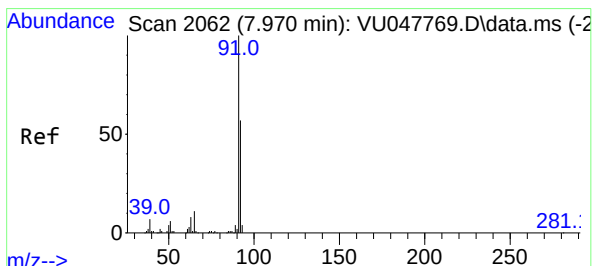
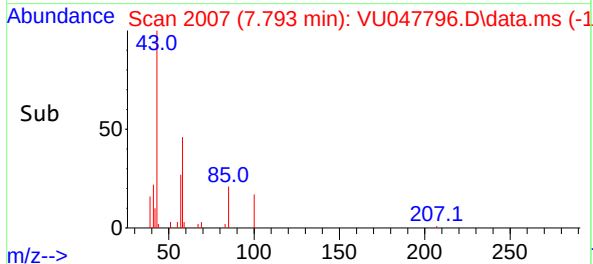
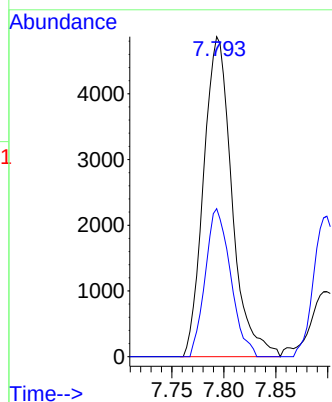
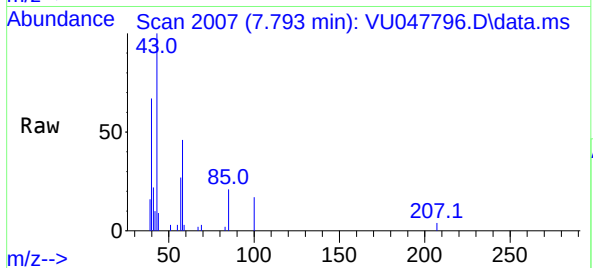




#51
4-Methyl-2-Pentanone
Concen: 1.846 ug/l
RT: 7.793 min Scan# 2008
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

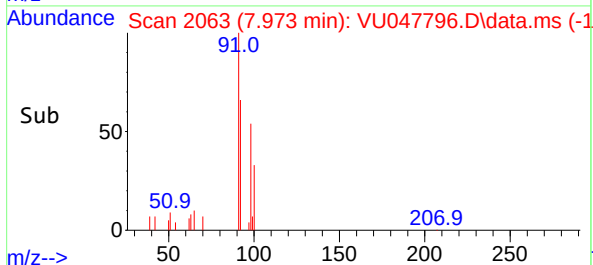
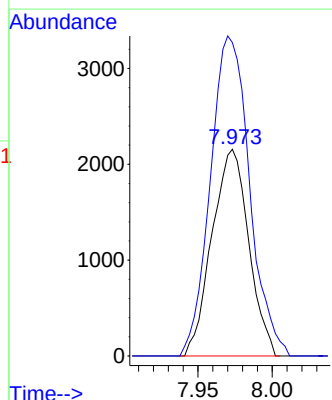
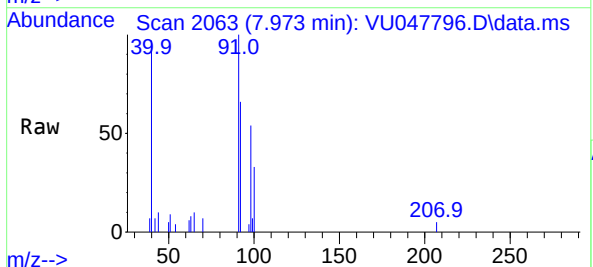
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

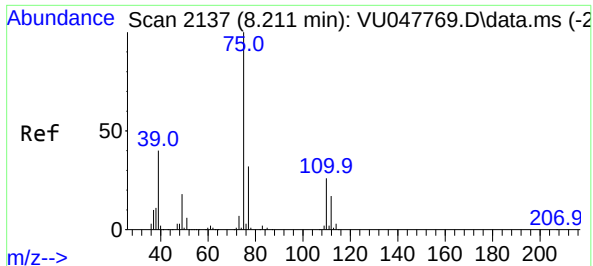
Tgt Ion: 43 Resp: 9231
Ion Ratio Lower Upper
43 100
58 41.3 34.7 52.1



#52
Toluene
Concen: 0.483 ug/l
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 92 Resp: 3710
Ion Ratio Lower Upper
92 100
91 165.0 138.2 207.4

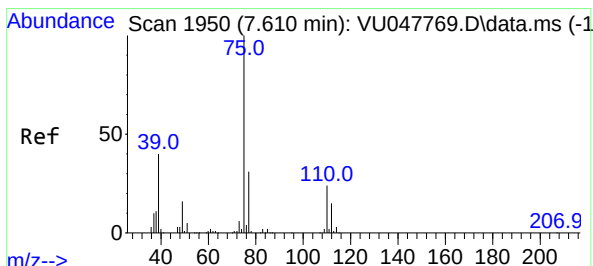
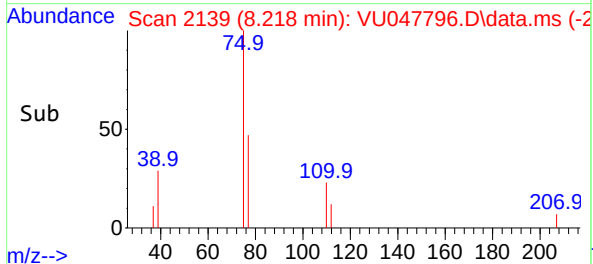
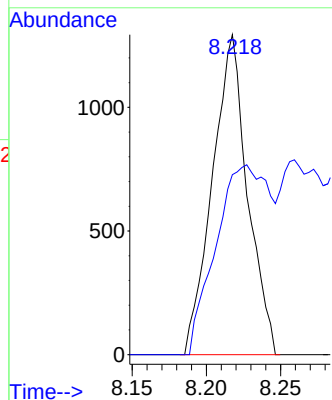
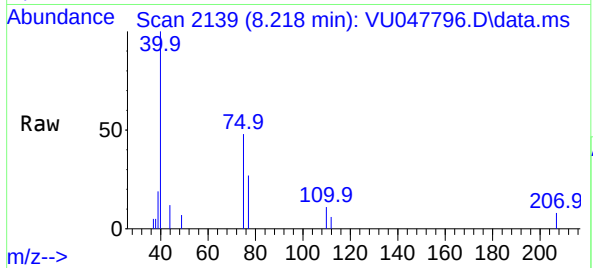




#53
t-1,3-Dichloropropene
Concen: 0.435 ug/l
RT: 8.218 min Scan# 2130
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

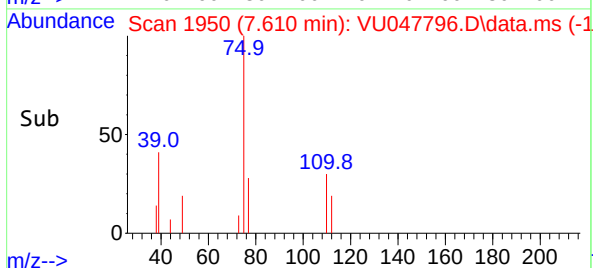
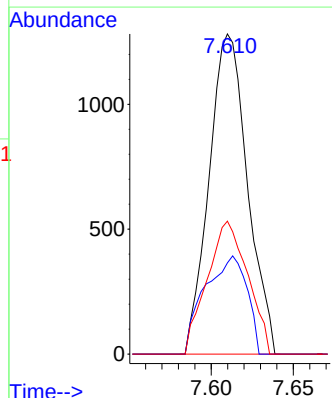
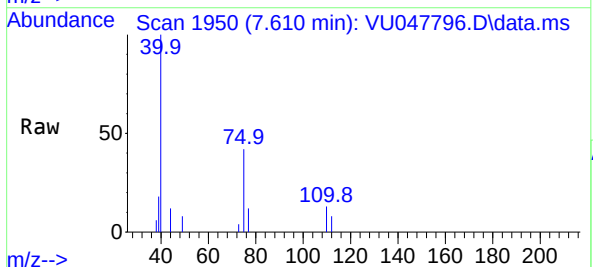
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

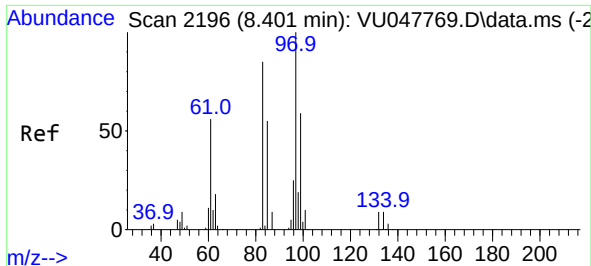
Tgt Ion: 75 Resp: 2130
Ion Ratio Lower Upper
75 100
77 56.3 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 0.414 ug/l
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 75 Resp: 2085
Ion Ratio Lower Upper
75 100
77 28.5 25.7 38.5
39 41.5 33.0 49.6

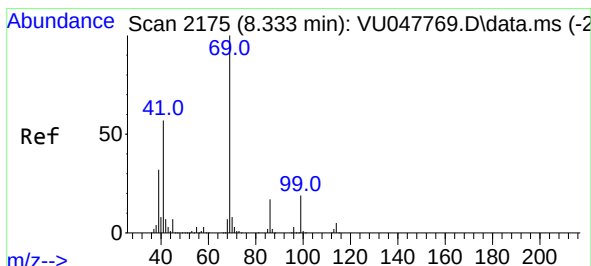
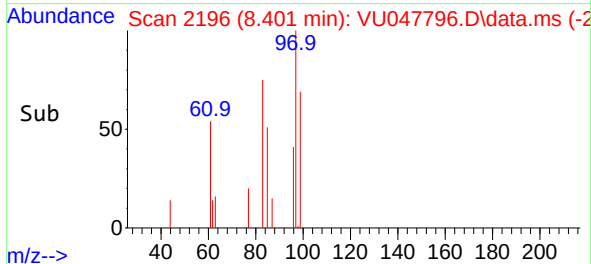
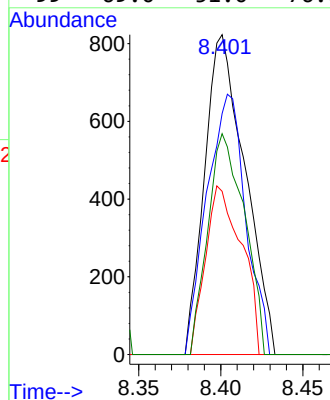
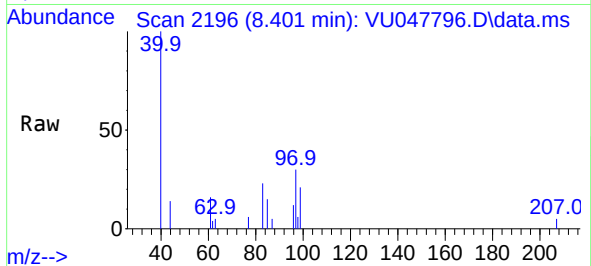




#55
1,1,2-Trichloroethane
Concen: 0.429 ug/l
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

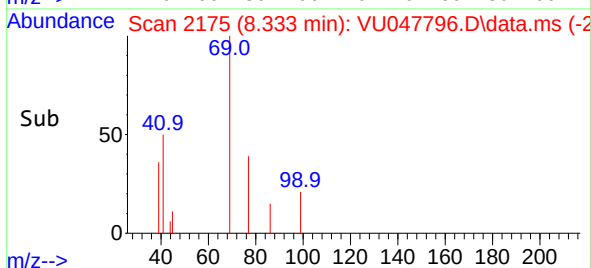
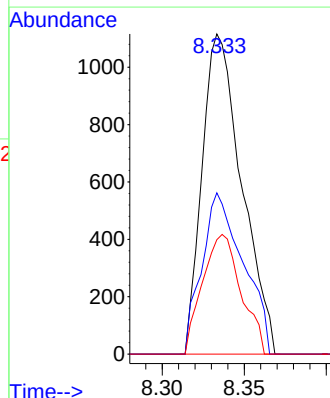
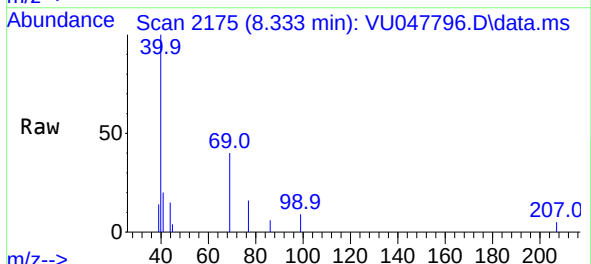
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

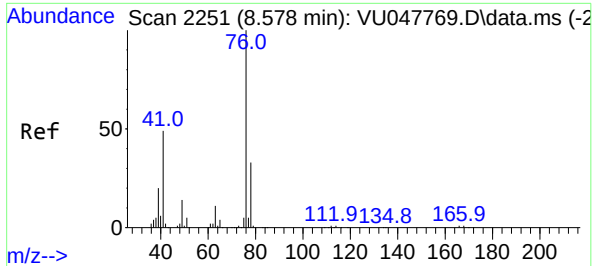
Tgt Ion:	97	Resp:	1409
Ion	Ratio	Lower	Upper
97	100		
83	75.3	70.2	105.4
85	51.0	44.6	66.8
99	69.0	51.0	76.6



#56
Ethyl methacrylate
Concen: 0.397 ug/l
RT: 8.333 min Scan# 2175
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	69	Resp:	1871
Ion	Ratio	Lower	Upper
69	100		
41	52.6	45.4	68.0
39	36.4	25.7	38.5

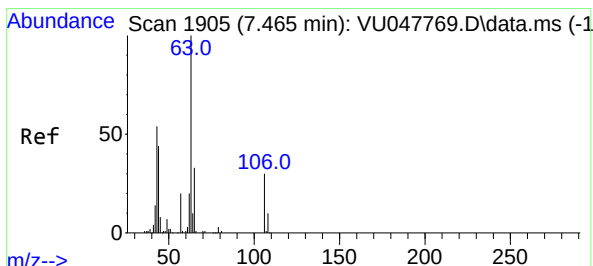
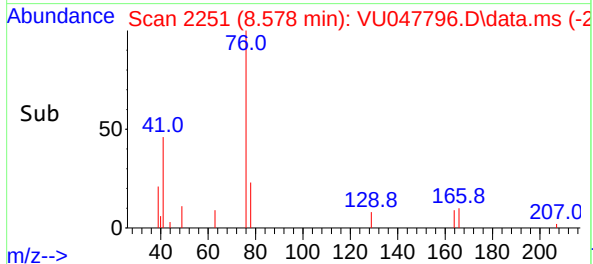
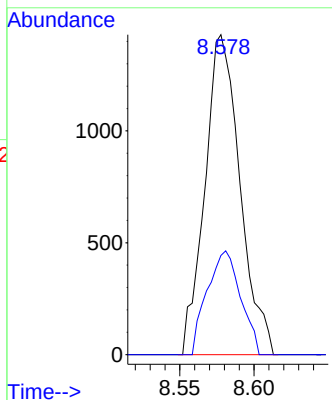
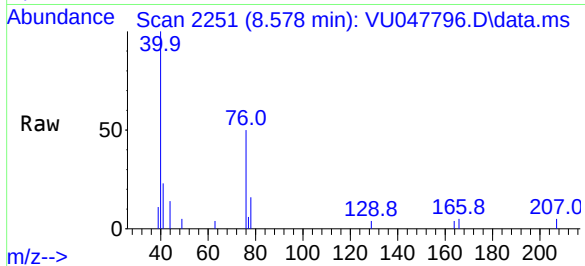




#57
1,3-Dichloropropane
Concen: 0.440 ug/l
RT: 8.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

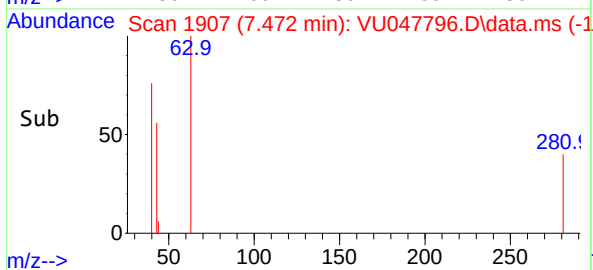
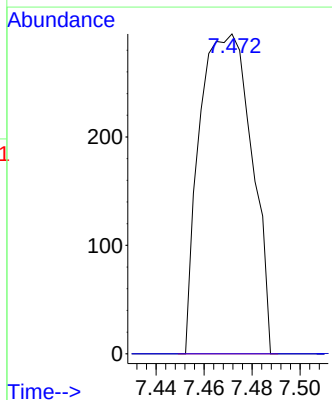
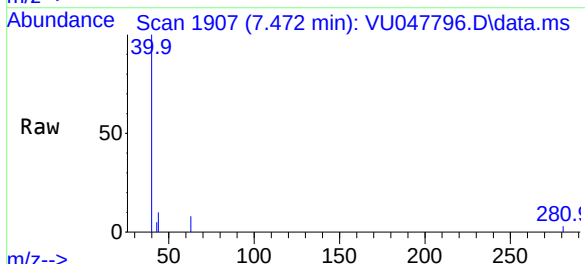
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

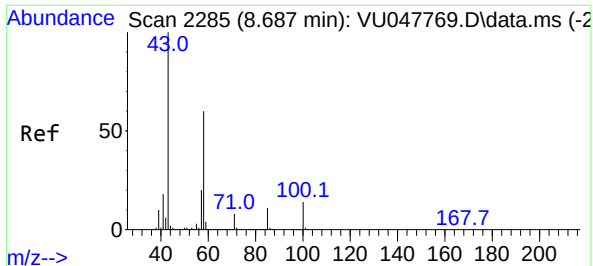
Tgt Ion: 76 Resp: 2352
Ion Ratio Lower Upper
76 100
78 31.0 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 1.320 ug/l
RT: 7.472 min Scan# 1907
Delta R.T. 0.007 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 63 Resp: 444
Ion Ratio Lower Upper
63 100
106 0.0 23.1 34.7#

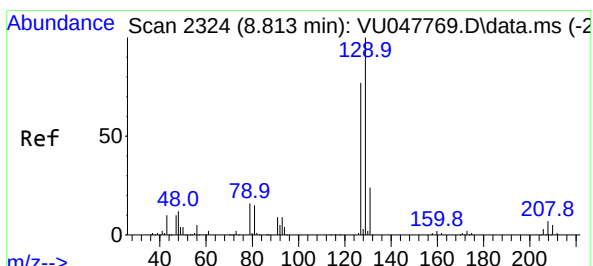
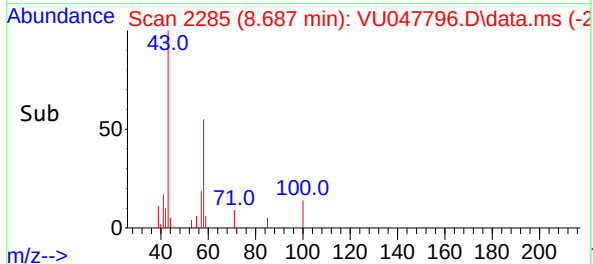
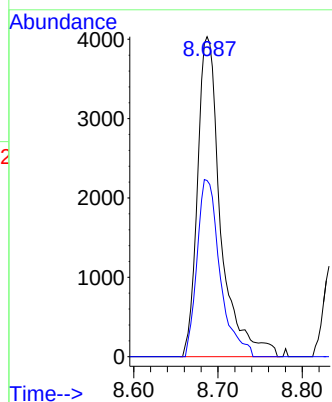
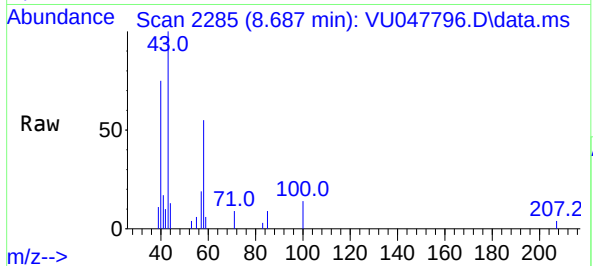




#59
2-Hexanone
Concen: 1.881 ug/l
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

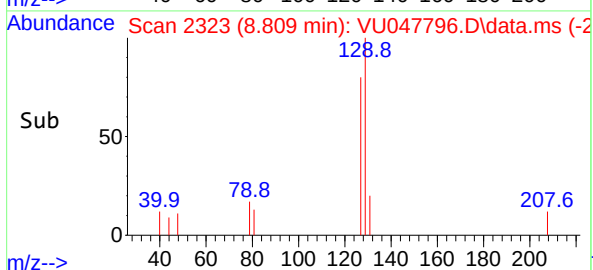
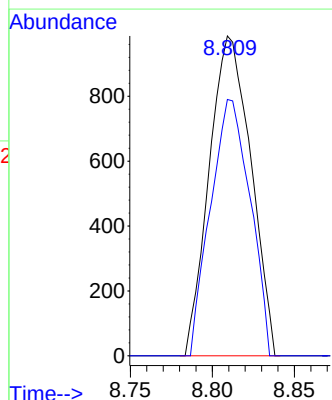
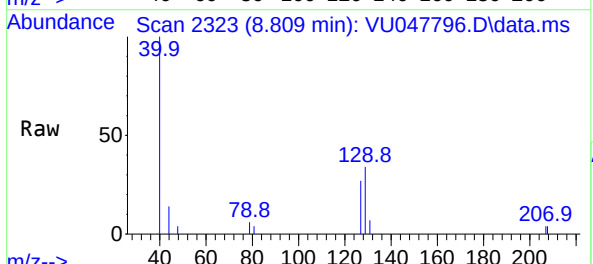
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

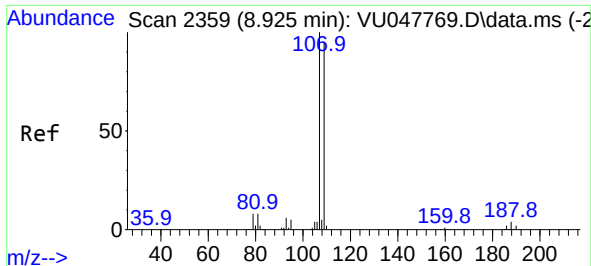
Tgt Ion: 43 Resp: 7713
Ion Ratio Lower Upper
43 100
58 54.9 30.3 90.8



#60
Dibromochloromethane
Concen: 0.461 ug/l
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 129 Resp: 1741
Ion Ratio Lower Upper
129 100
127 76.0 38.6 116.0

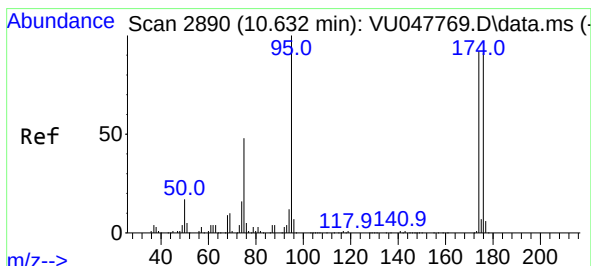
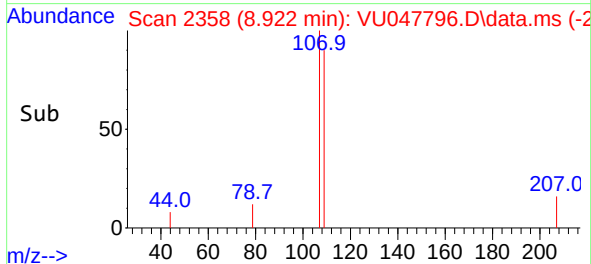
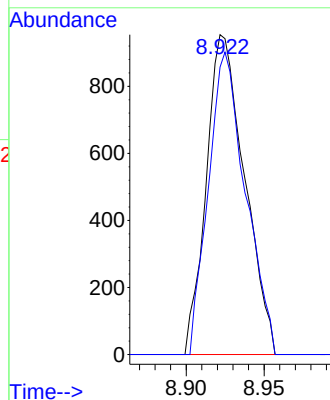
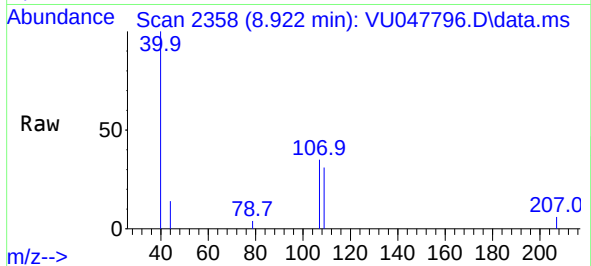




#61
1,2-Dibromoethane
Concen: 0.437 ug/l
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

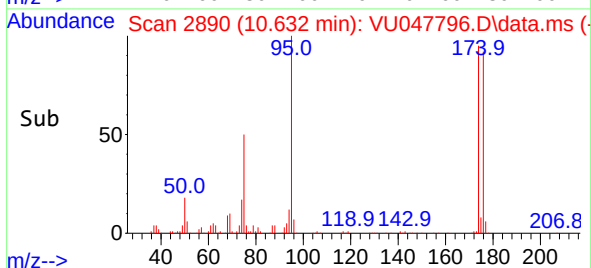
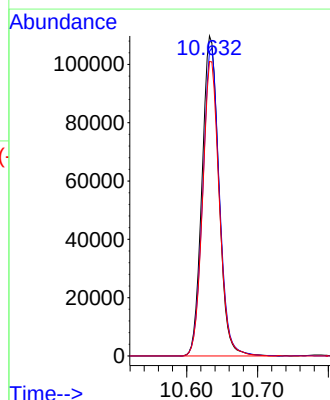
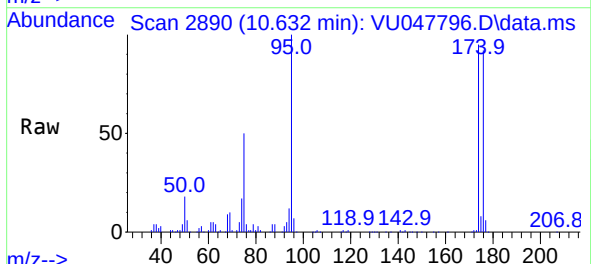
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

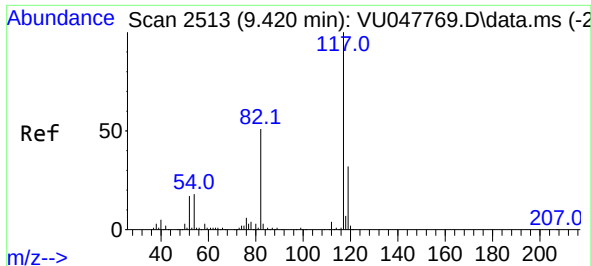
Tgt Ion:107 Resp: 1631
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 44.908 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 95 Resp: 180369
Ion Ratio Lower Upper
95 100
174 95.6 0.0 182.0
176 91.4 0.0 177.8

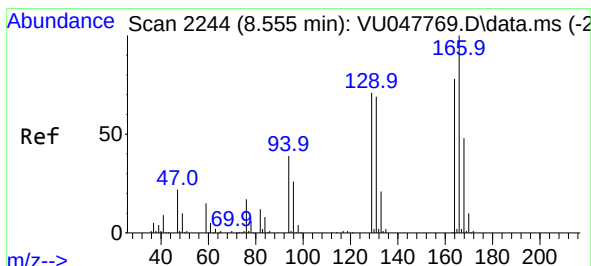
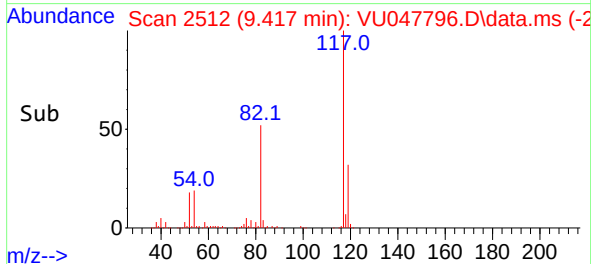
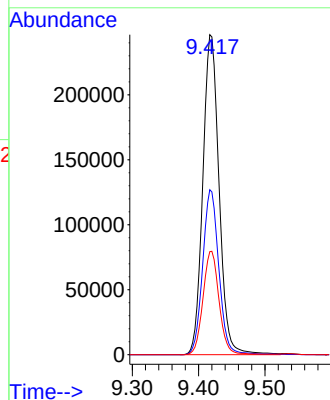
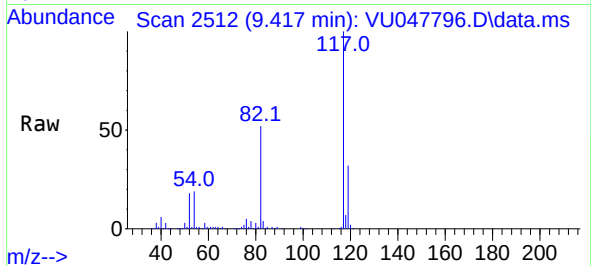




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

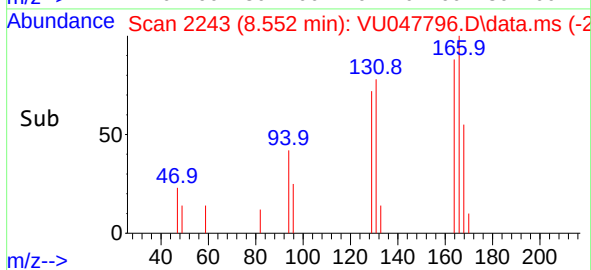
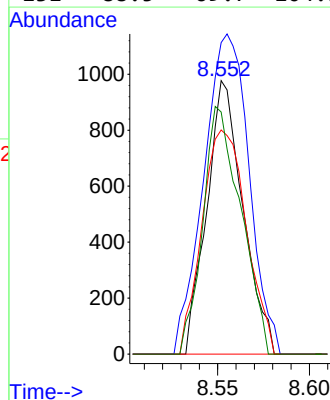
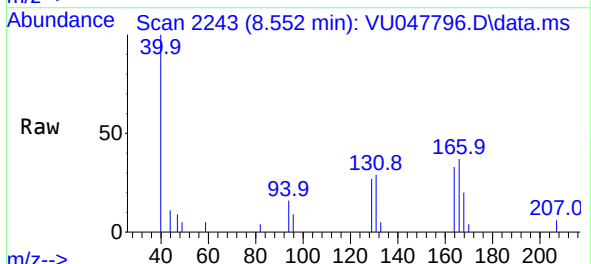
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

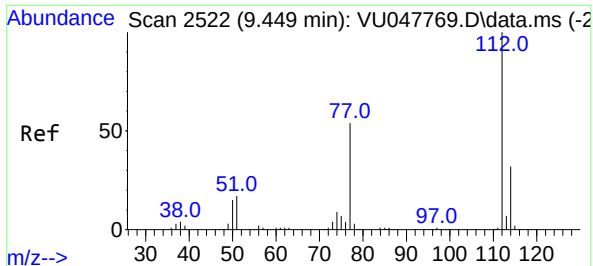
Tgt Ion:117 Resp: 419699
Ion Ratio Lower Upper
117 100
82 51.6 41.7 62.5
119 32.2 25.7 38.5



#64
Tetrachloroethene
Concen: 0.432 ug/l
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:164 Resp: 1340
Ion Ratio Lower Upper
164 100
166 113.9 100.0 150.0
129 82.0 72.0 108.0
131 88.5 69.7 104.5

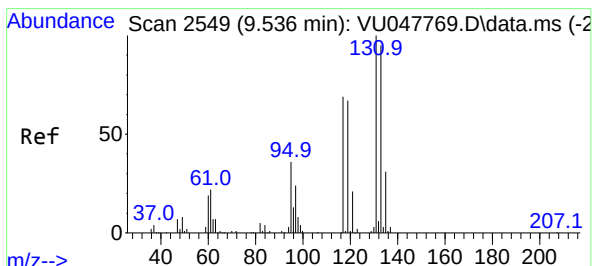
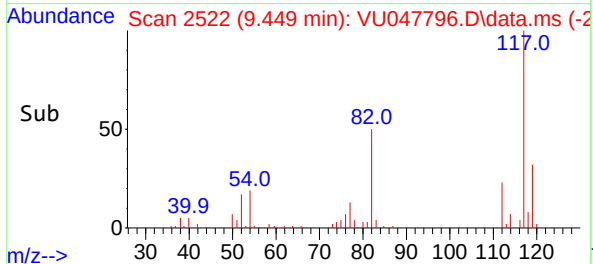
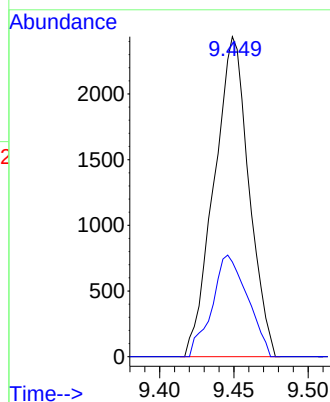
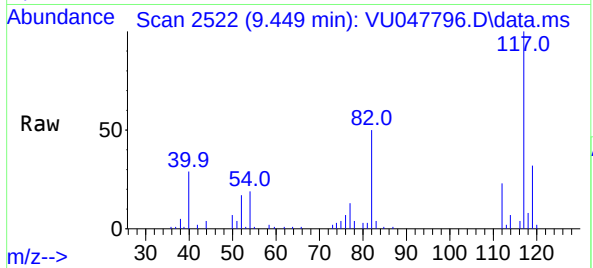




#65
Chlorobenzene
Concen: 0.443 ug/l
RT: 9.449 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

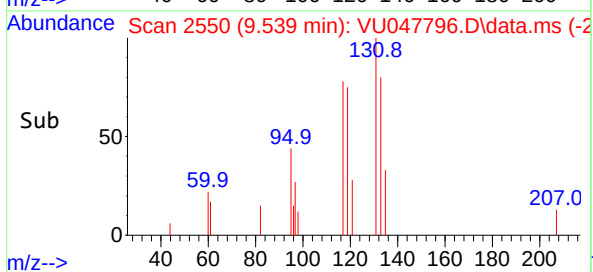
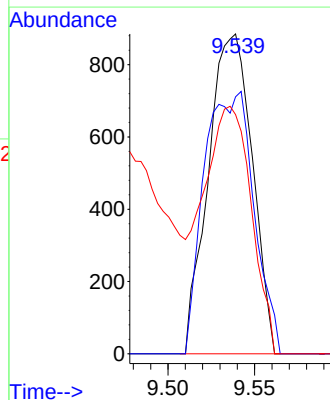
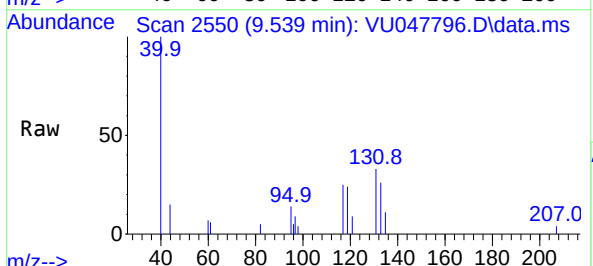
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

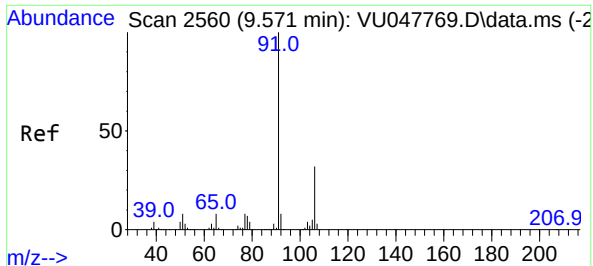
Tgt Ion:112 Resp: 3965
Ion Ratio Lower Upper
112 100
114 29.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.472 ug/l
RT: 9.539 min Scan# 2550
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:131 Resp: 1557
Ion Ratio Lower Upper
131 100
133 92.9 48.4 145.0
119 0.0 33.9 101.6#





#67

Ethyl Benzene

Concen: 0.407 ug/l

RT: 9.574 min Scan# 2560

Delta R.T. 0.003 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

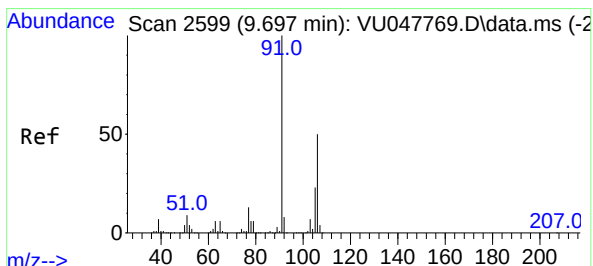
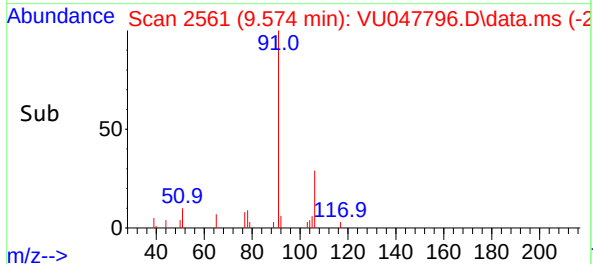
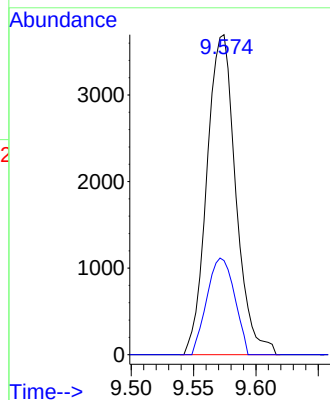
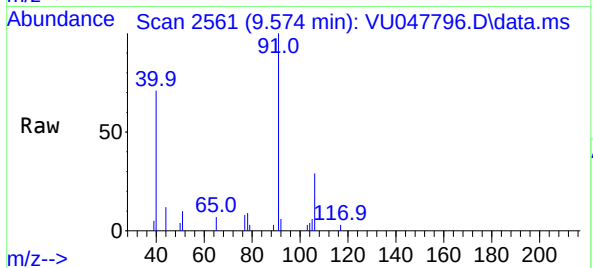
MDL04 0.5ppb

Tgt Ion: 91 Resp: 5964

Ion Ratio Lower Upper

91 100

106 29.4 25.6 38.4



#68

m/p-Xylenes

Concen: 0.788 ug/l

RT: 9.697 min Scan# 2599

Delta R.T. -0.000 min

Lab File: VU047796.D

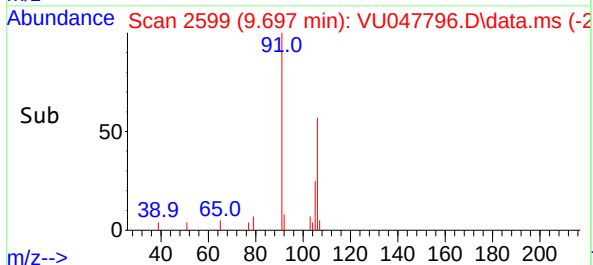
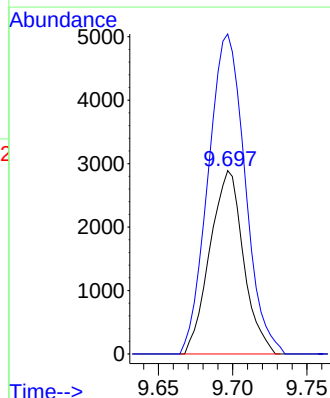
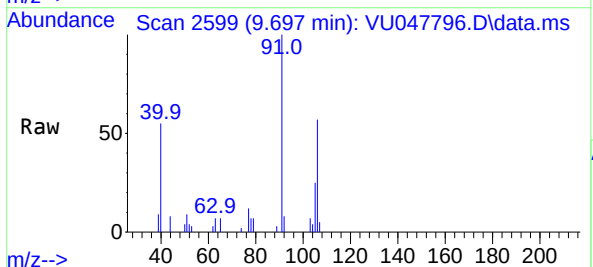
Acq: 02 Apr 2022 13:23

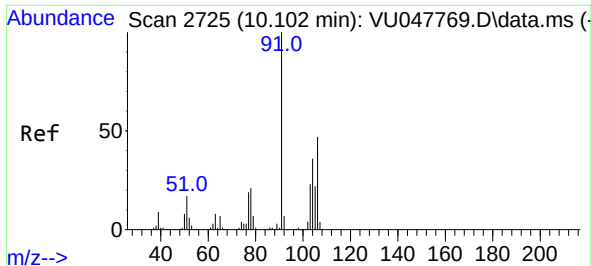
Tgt Ion: 106 Resp: 4541

Ion Ratio Lower Upper

106 100

91 191.6 157.2 235.8

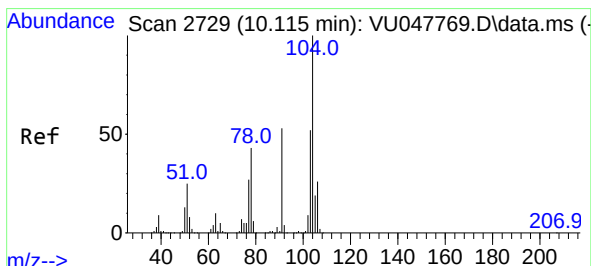
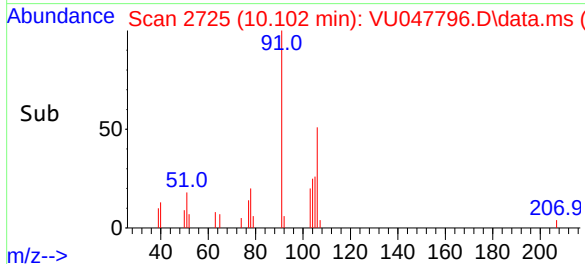
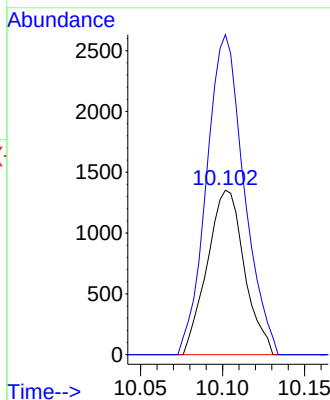
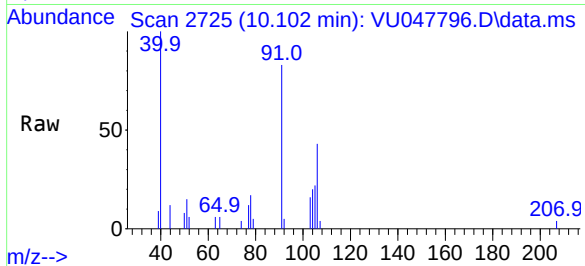




#69
o-Xylene
Concen: 0.386 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

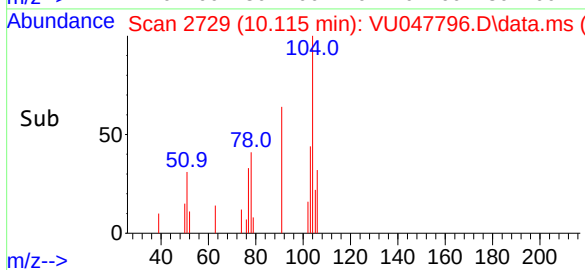
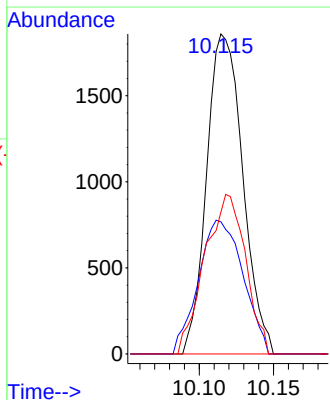
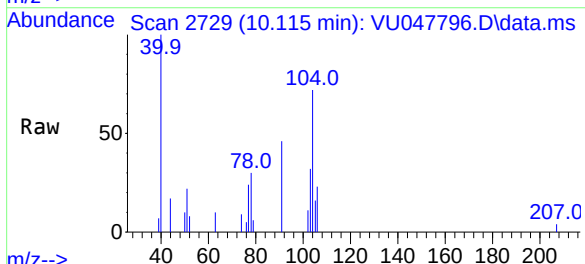
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

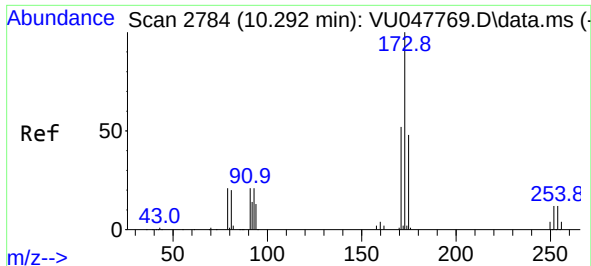
Tgt Ion:106 Resp: 2130
Ion Ratio Lower Upper
106 100
91 196.3 103.5 310.5



#70
Styrene
Concen: 0.344 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:104 Resp: 3150
Ion Ratio Lower Upper
104 100
78 51.5 38.0 57.0
103 56.2 43.9 65.9

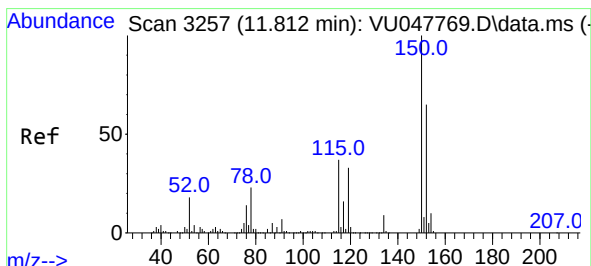
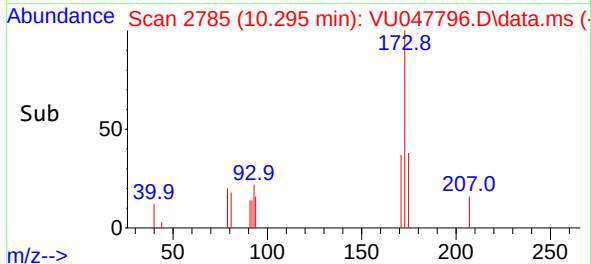
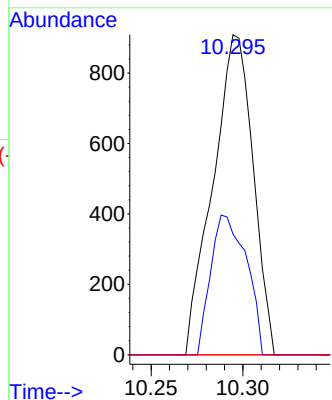
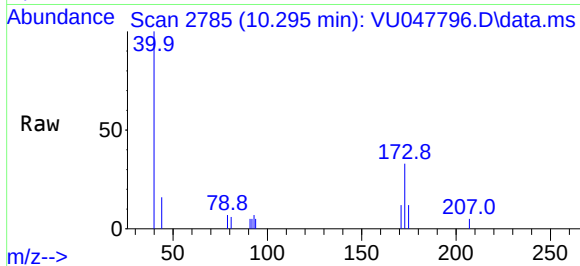




#71
Bromoform
Concen: 0.411 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

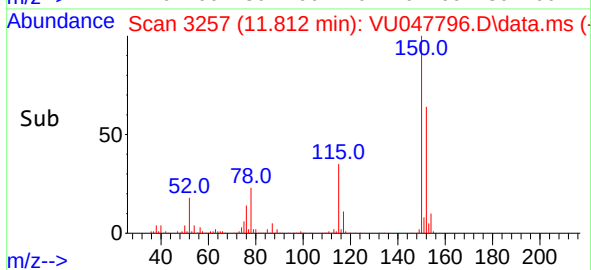
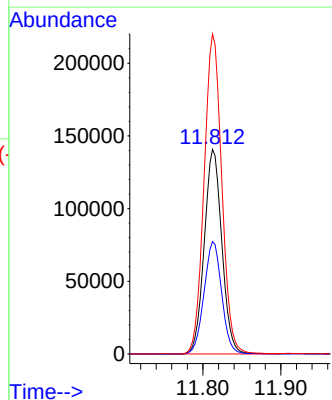
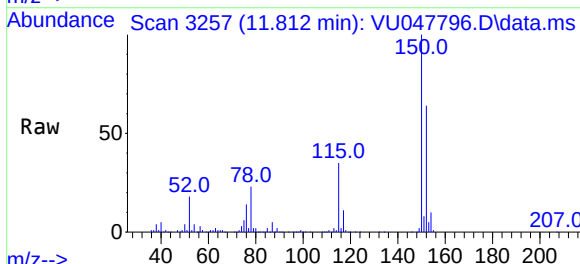
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

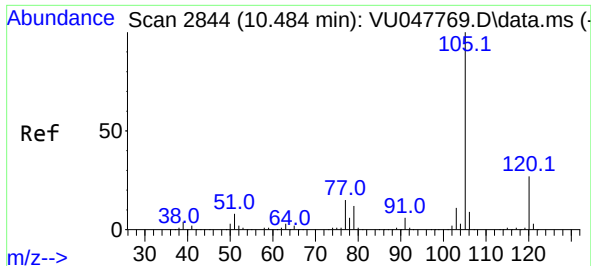
Tgt Ion:173 Resp: 1384
Ion Ratio Lower Upper
173 100
175 38.7 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.812 min Scan# 3257
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:152 Resp: 220696
Ion Ratio Lower Upper
152 100
115 55.1 37.0 110.9
150 157.3 0.0 342.2

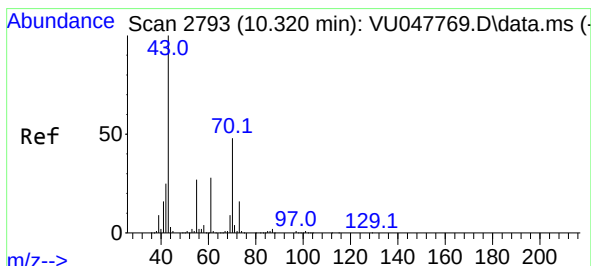
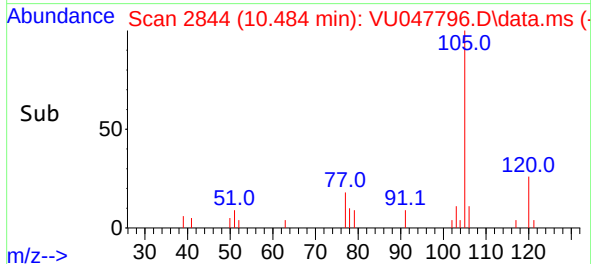
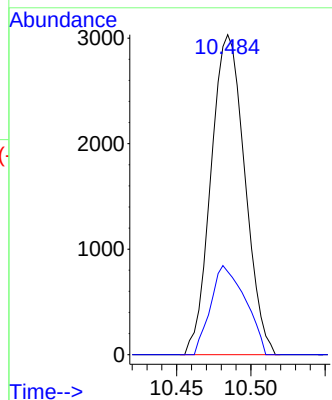
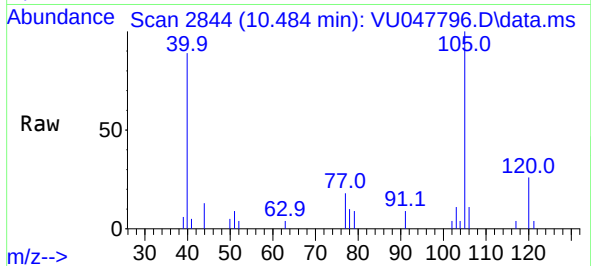




#73
Isopropylbenzene
Concen: 0.372 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

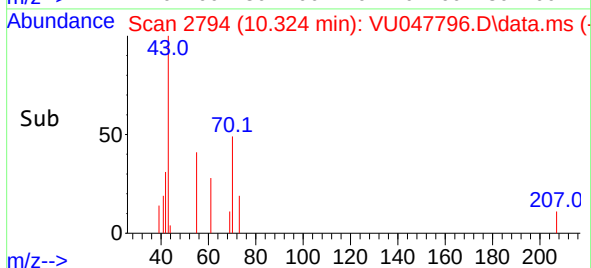
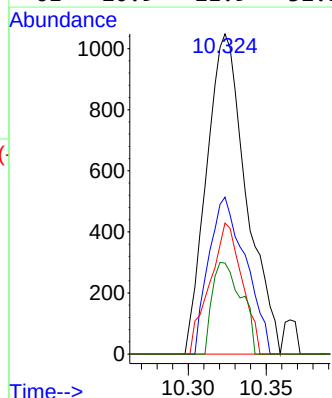
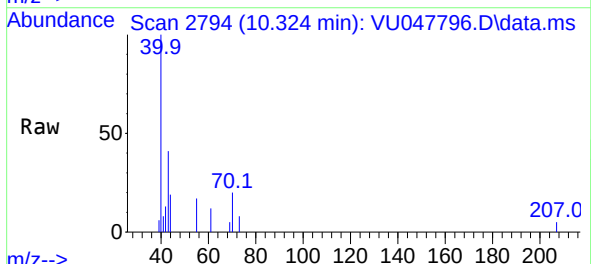
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

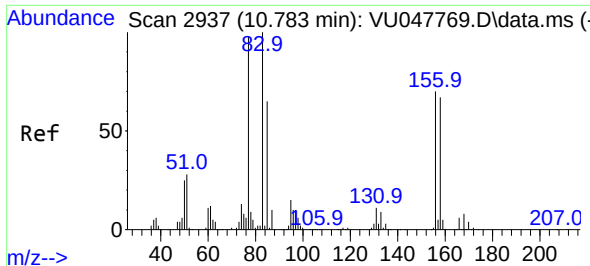
Tgt Ion:105 Resp: 4800
Ion Ratio Lower Upper
105 100
120 28.5 13.8 41.4



#74
N-ethyl acetate
Concen: 0.363 ug/l
RT: 10.324 min Scan# 2794
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 43 Resp: 1854
Ion Ratio Lower Upper
43 100
70 45.5 38.7 58.1
55 33.2 21.8 32.8#
61 20.9 21.9 32.9#

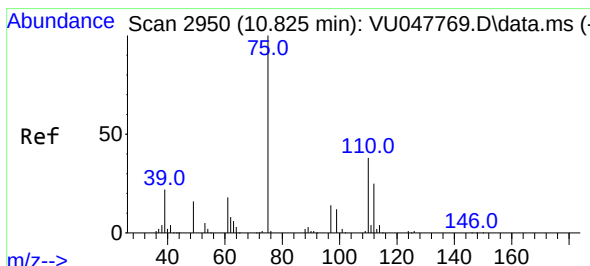
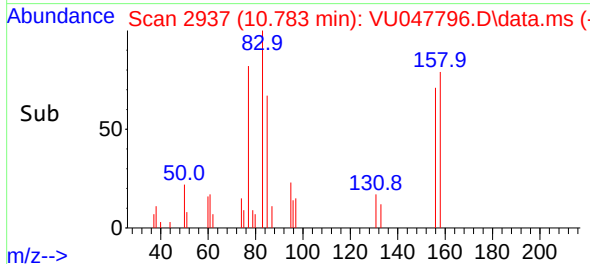
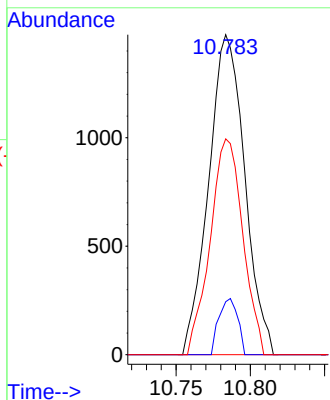
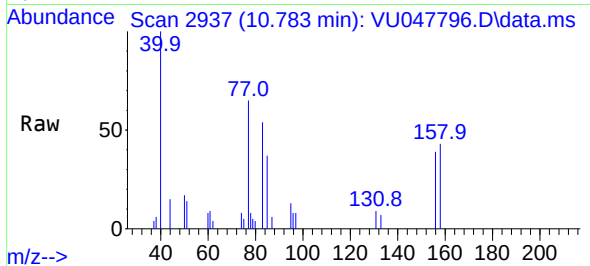




#75
1,1,2,2-Tetrachloroethane
Concen: 0.462 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

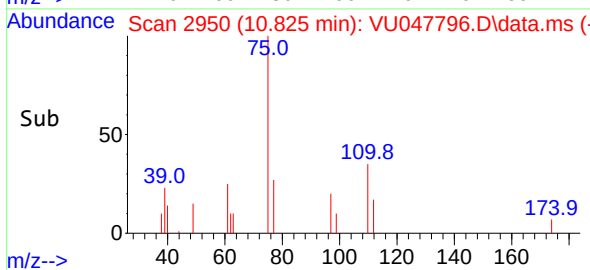
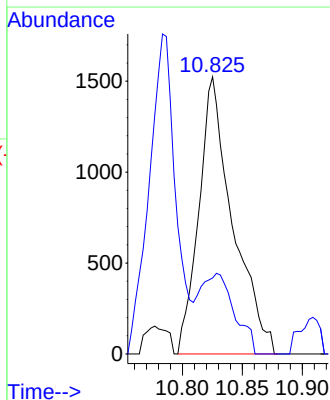
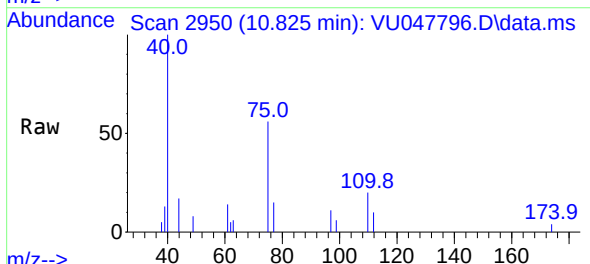
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

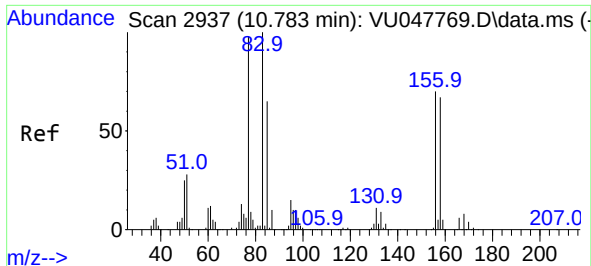
Tgt Ion:	83	Resp:	2492
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.1	15.4
85	61.0	32.2	96.6



#76
1,2,3-Trichloropropane
Concen: 0.485 ug/l
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	75	Resp:	2994
Ion	Ratio	Lower	Upper
75	100		
77	29.4	15.8	47.3

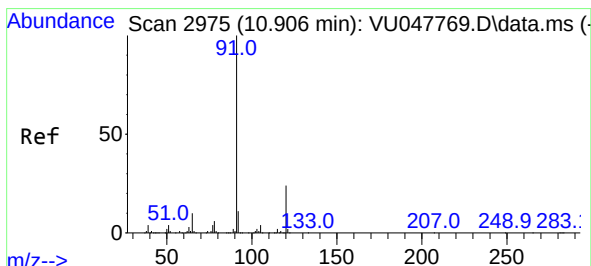
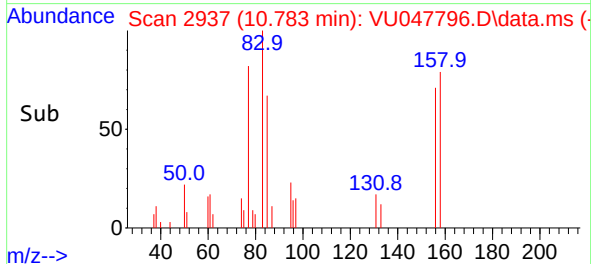
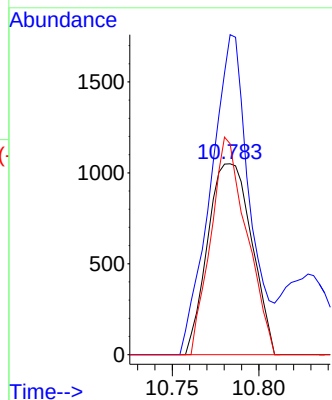
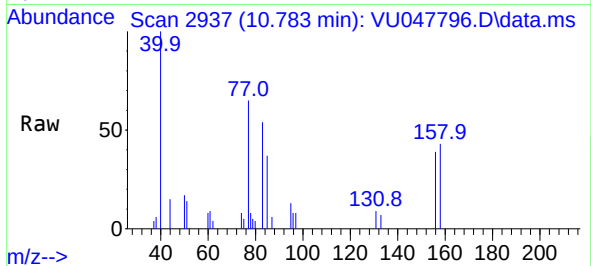




#77
Bromobenzene
Concen: 0.500 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

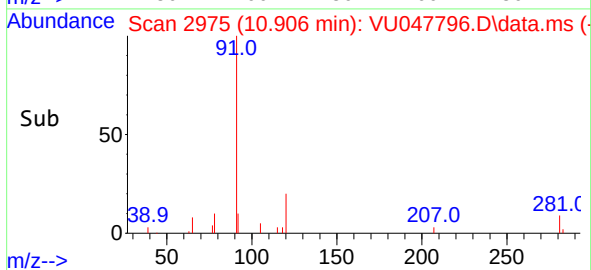
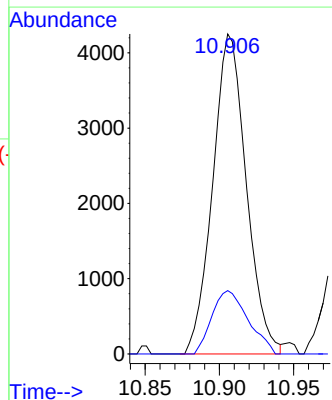
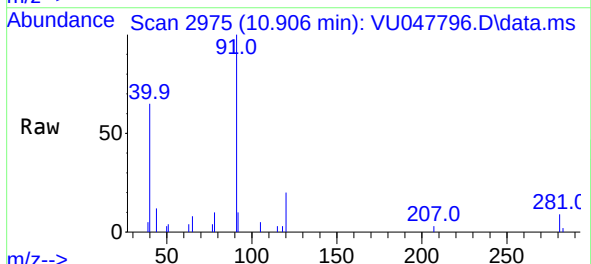
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

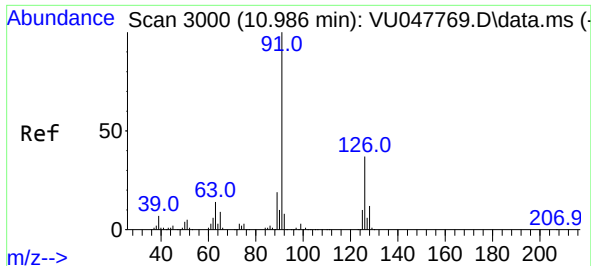
Tgt Ion:	156	Resp:	1855
Ion	Ratio	Lower	Upper
156	100		
77	148.1	71.9	215.6
158	93.0	48.9	146.8



#78
n-propylbenzene
Concen: 0.433 ug/l
RT: 10.906 min Scan# 2975
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	91	Resp:	6678
Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.9	35.5

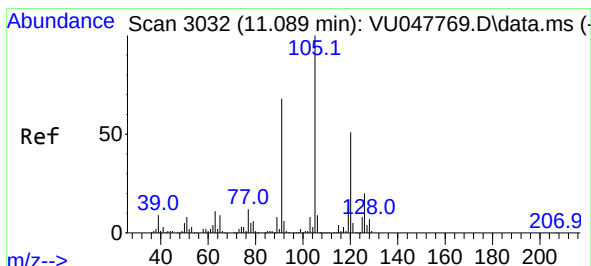
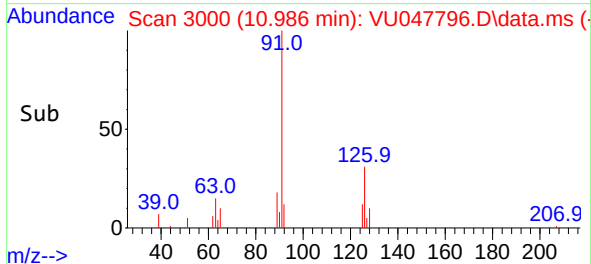
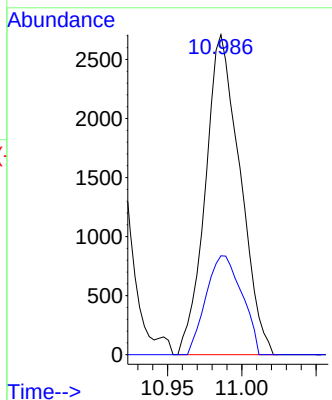
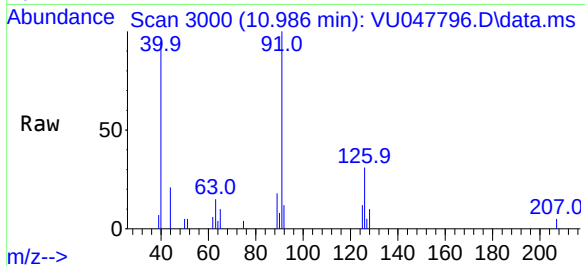




#79
2-Chlorotoluene
Concen: 0.475 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

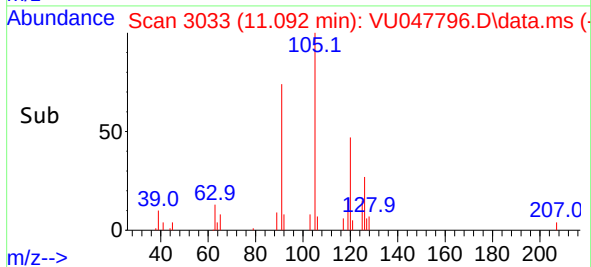
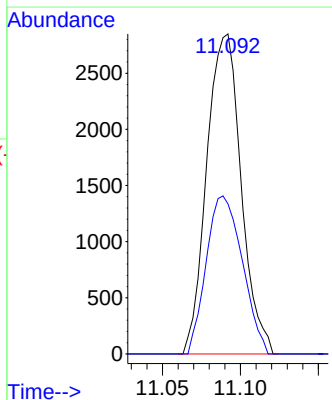
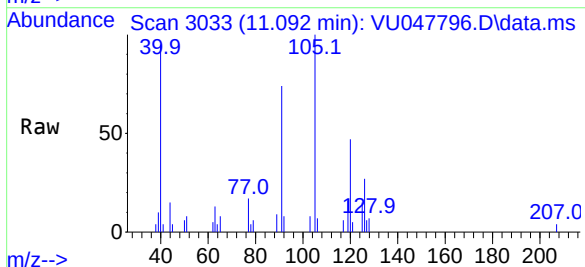
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

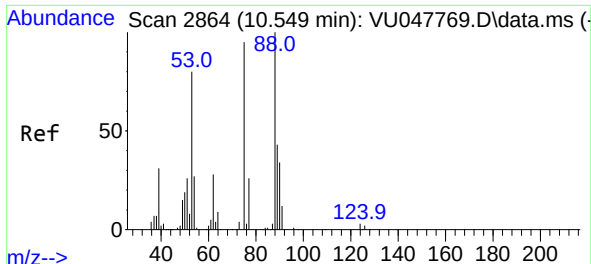
Tgt Ion: 91 Resp: 4400
Ion Ratio Lower Upper
91 100
126 32.0 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 0.403 ug/l
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 105 Resp: 4381
Ion Ratio Lower Upper
105 100
120 51.7 25.3 75.9

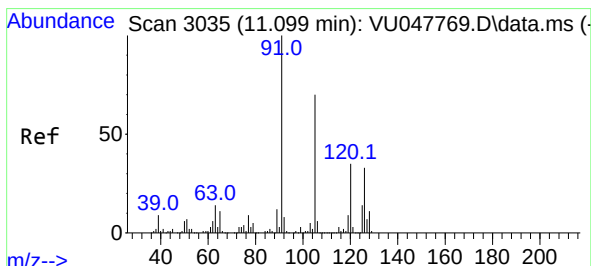
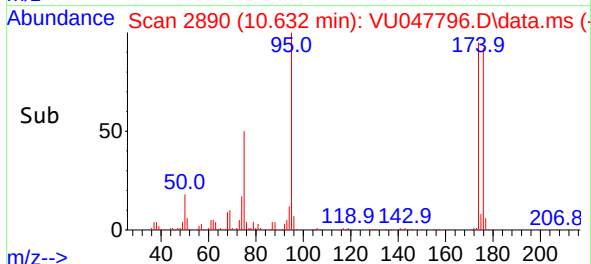
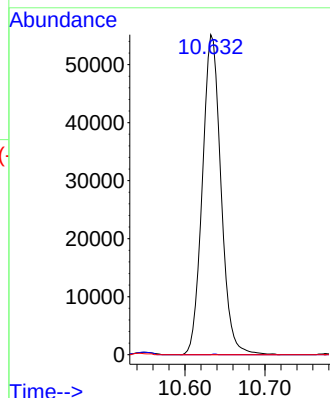
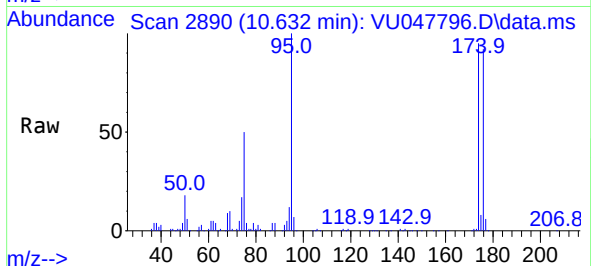




#81
trans-1,4-Dichloro-2-butene
Concen: 51.585 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.083 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

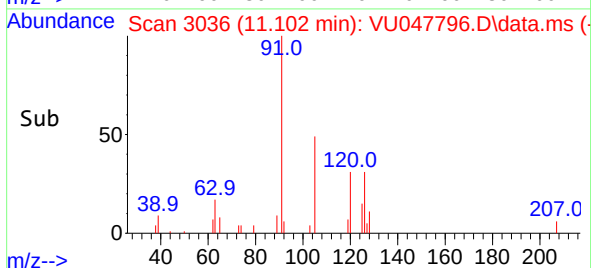
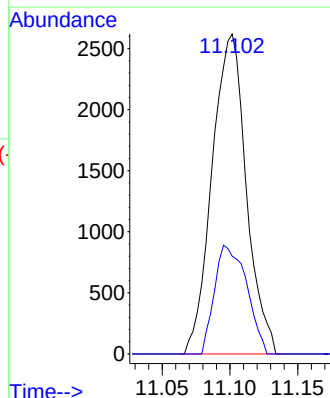
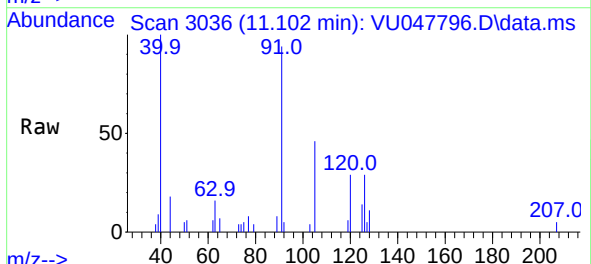
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

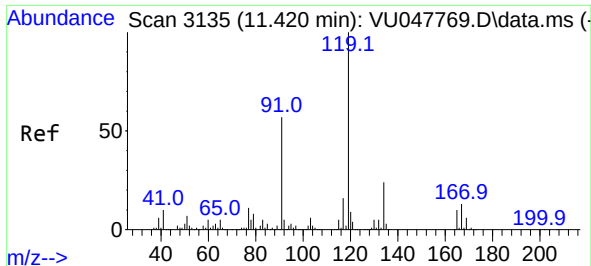
Tgt Ion: 75 Resp: 89537
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 0.427 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion: 91 Resp: 4598
Ion Ratio Lower Upper
91 100
126 31.8 16.1 48.2

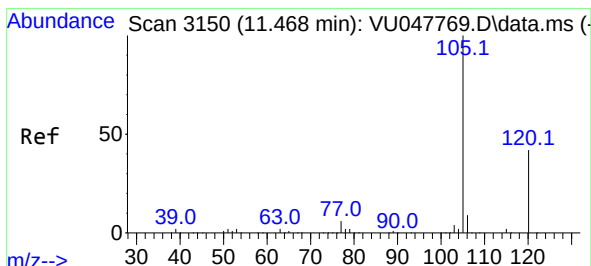
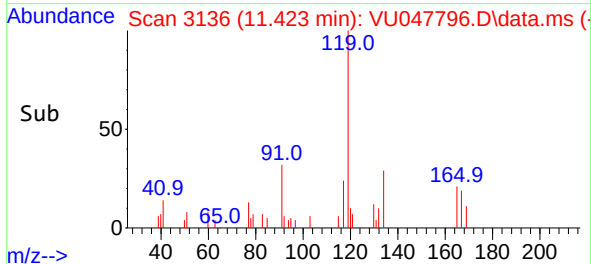
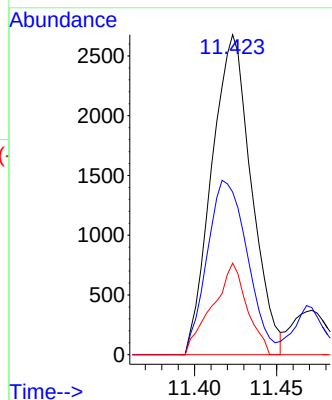
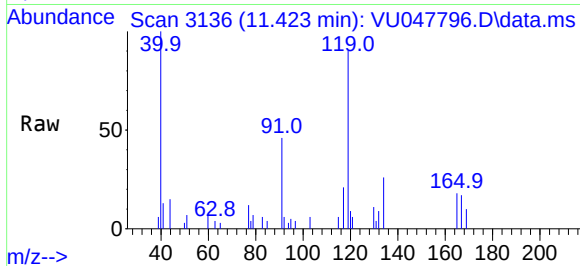




#83
tert-Butylbenzene
Concen: 0.402 ug/l
RT: 11.423 min Scan# 3135
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

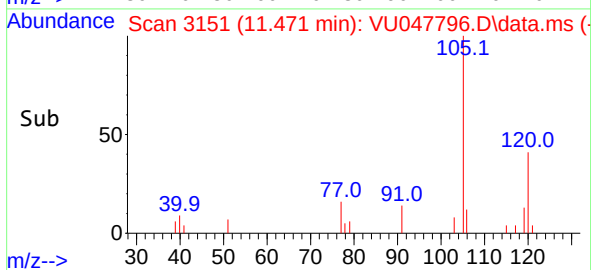
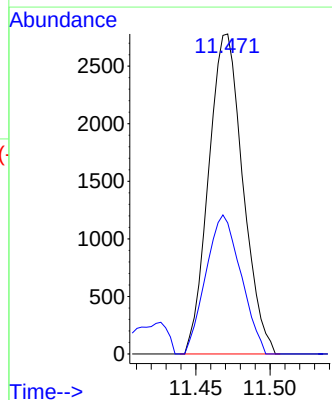
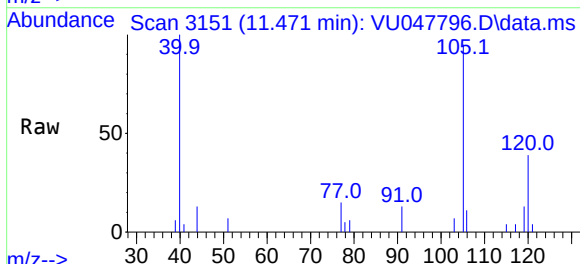
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

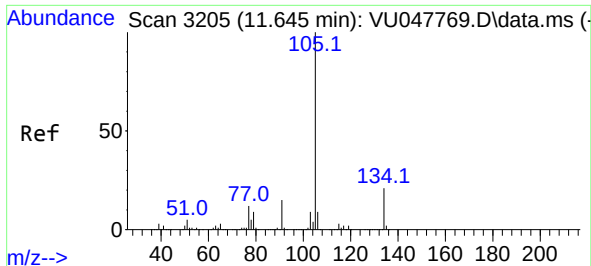
Tgt Ion:119	Resp:	4495
Ion	Ratio	Lower Upper
119	100	
91	55.2	26.8 80.3
134	25.0	11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 0.413 ug/l
RT: 11.471 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:105	Resp:	4464
Ion	Ratio	Lower Upper
105	100	
120	44.5	23.4 70.3

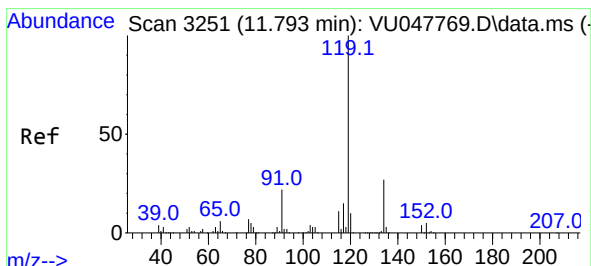
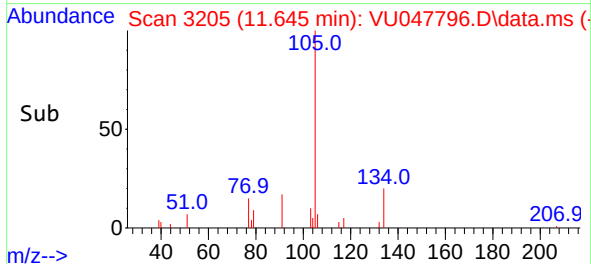
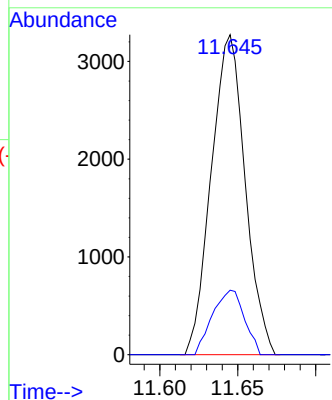
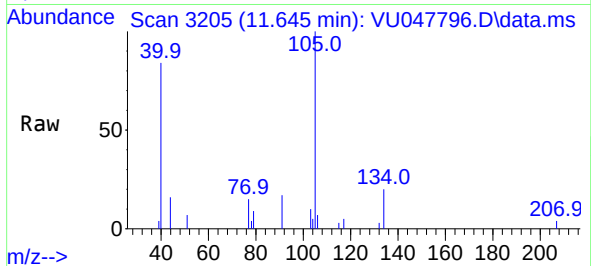




#85
 sec-Butylbenzene
 Concen: 0.362 ug/l
 RT: 11.645 min Scan# 3205
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

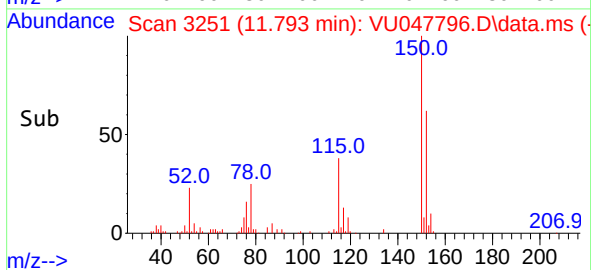
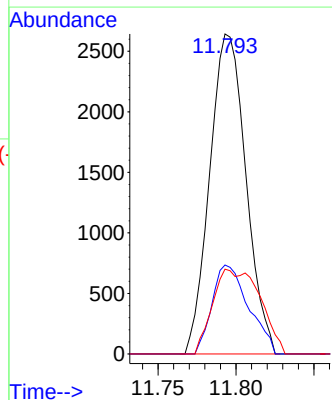
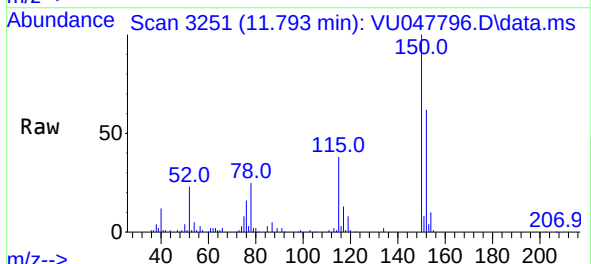
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL04 0.5ppb

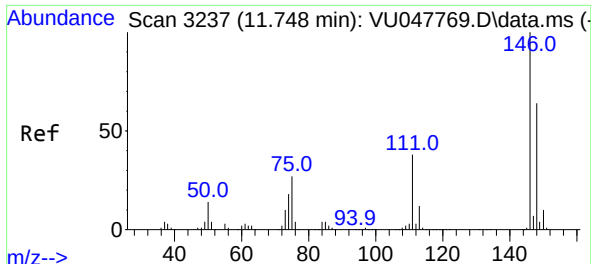
Tgt Ion:105 Resp: 4950
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.365 ug/l
 RT: 11.793 min Scan# 3251
 Delta R.T. -0.000 min
 Lab File: VU047796.D
 Acq: 02 Apr 2022 13:23

Tgt Ion:119 Resp: 4271
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.5 40.4
 91 34.7 11.2 33.5#





#87

1,3-Dichlorobenzene

Concen: 0.477 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb

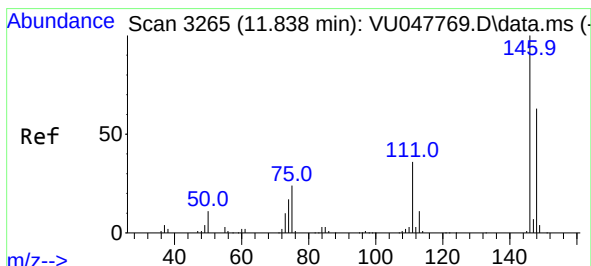
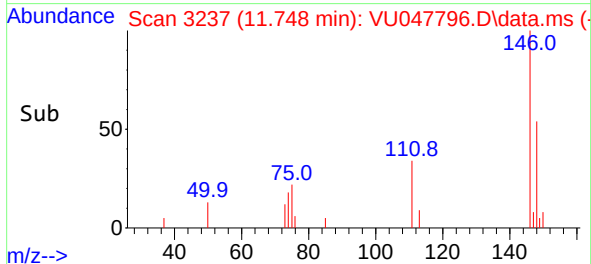
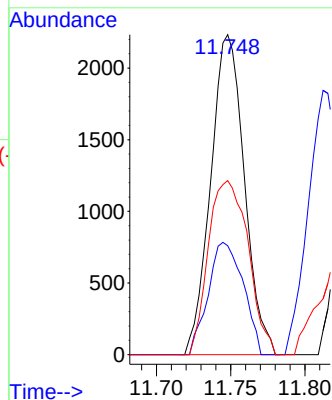
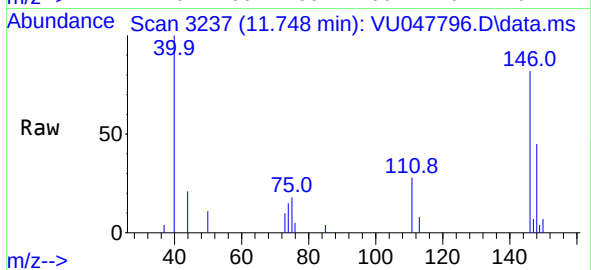
Tgt Ion:146 Resp: 3525

Ion Ratio Lower Upper

146 100

111 36.5 18.9 56.5

148 64.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 0.466 ug/l

RT: 11.748 min Scan# 3237

Delta R.T. -0.090 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

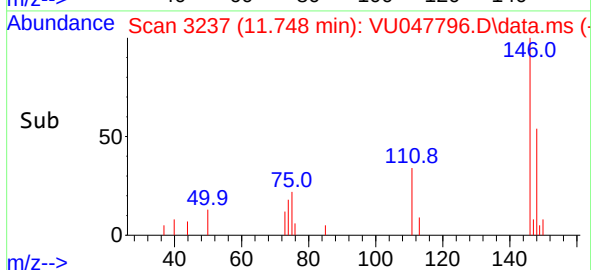
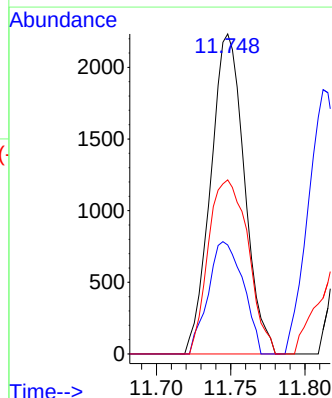
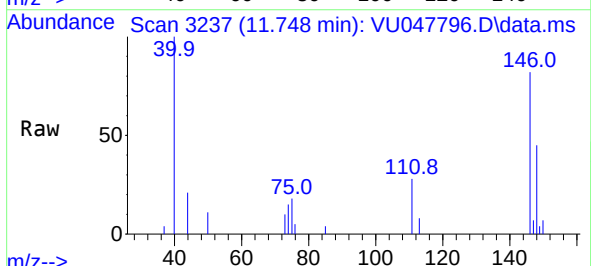
Tgt Ion:146 Resp: 3525

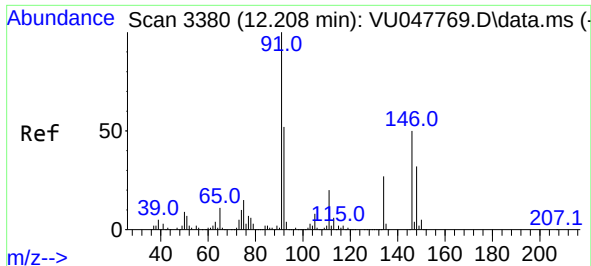
Ion Ratio Lower Upper

146 100

111 36.5 18.5 55.5

148 64.3 31.9 95.7

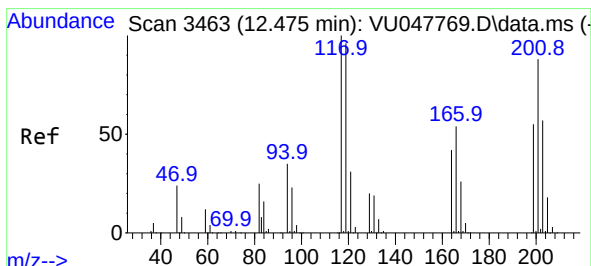
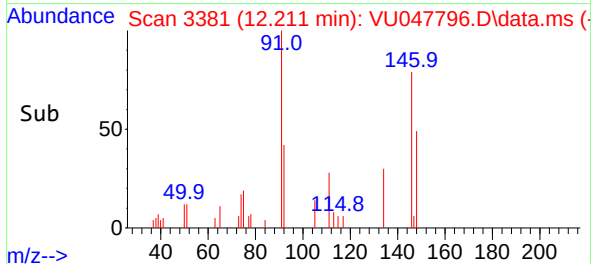
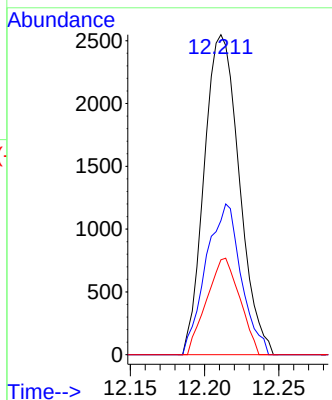
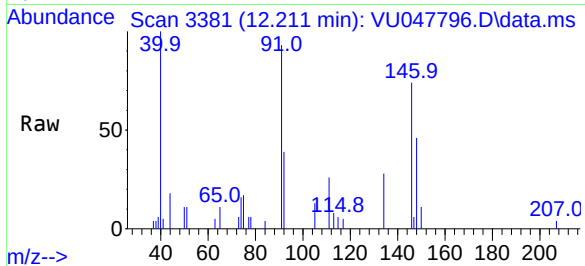




#89
n-Butylbenzene
Concen: 0.382 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

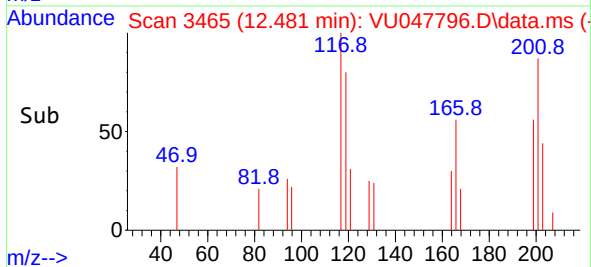
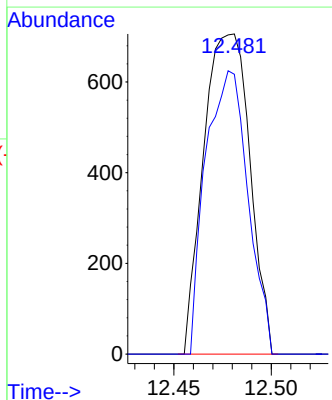
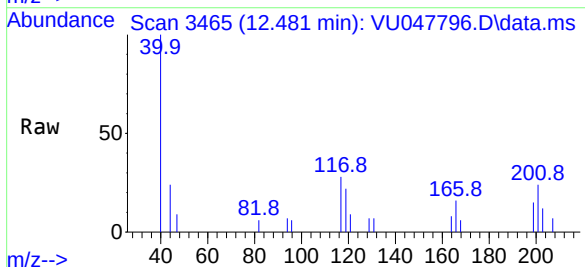
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

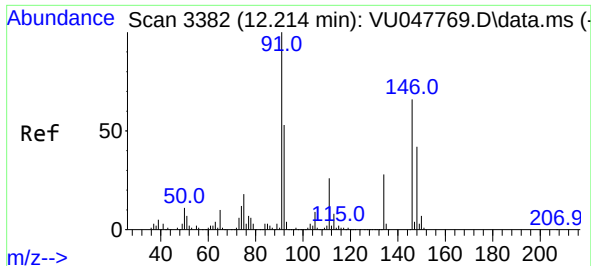
Tgt Ion:	91	Resp:	4185
Ion	Ratio	Lower	Upper
91	100		
92	47.4	26.2	78.6
134	28.4	13.5	40.4



#90
Hexachloroethane
Concen: 0.493 ug/l
RT: 12.481 min Scan# 3465
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	117	Resp:	1167
Ion	Ratio	Lower	Upper
117	100		
201	80.7	44.6	134.0





#91

1,2-Dichlorobenzene

Concen: 0.512 ug/l

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047796.D

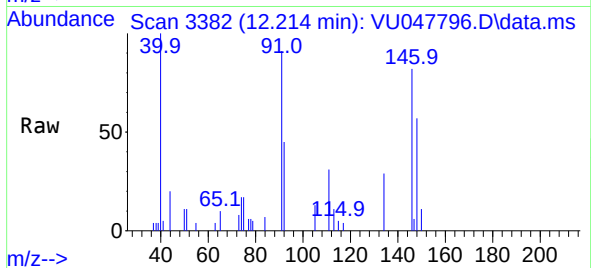
Acq: 02 Apr 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

MDL04 0.5ppb



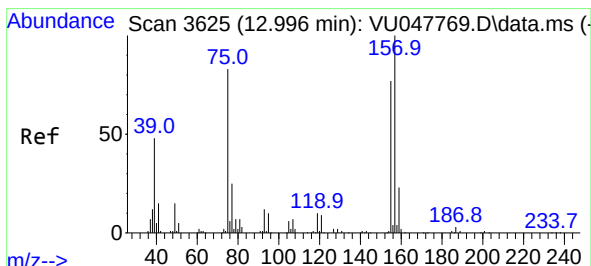
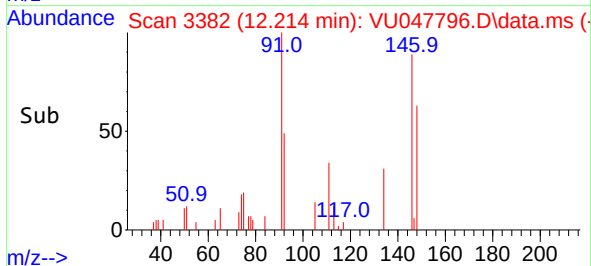
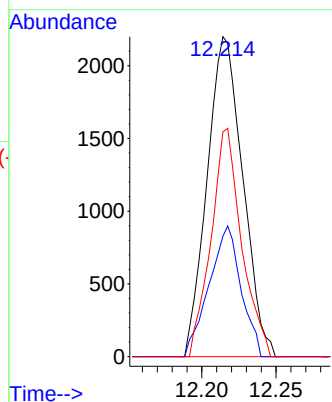
Tgt Ion:146 Resp: 3675

Ion Ratio Lower Upper

146 100

111 36.5 19.9 59.6

148 61.2 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.421 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU047796.D

Acq: 02 Apr 2022 13:23

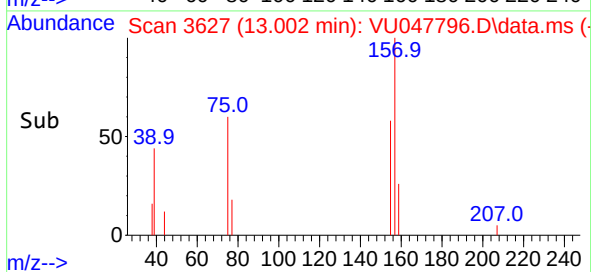
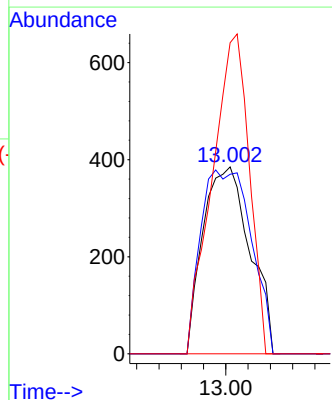
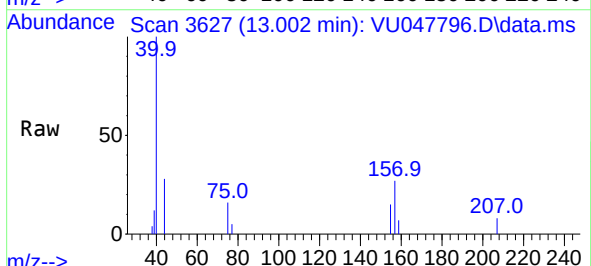
Tgt Ion: 75 Resp: 565

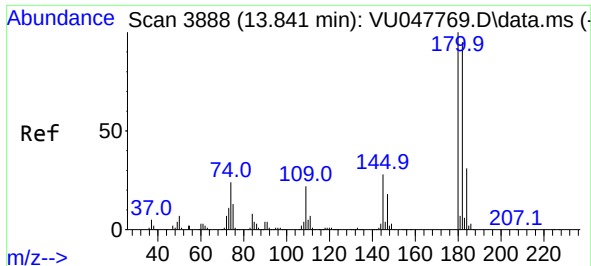
Ion Ratio Lower Upper

75 100

155 105.8 47.8 143.4

157 134.7 62.2 186.5

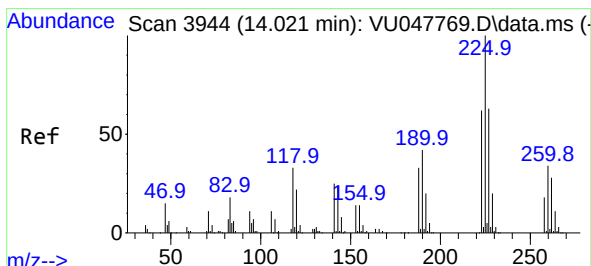
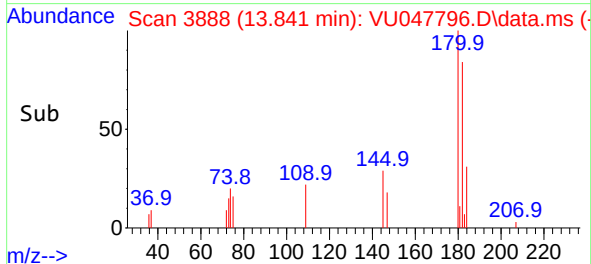
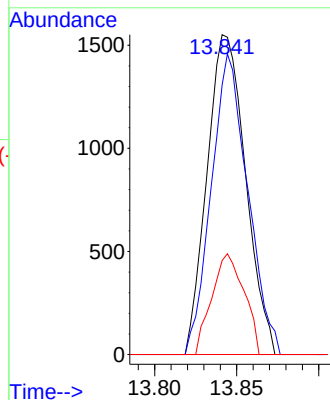
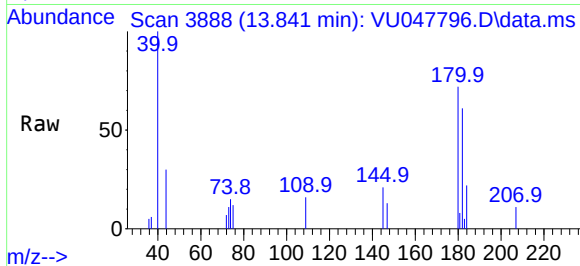




#93
1,2,4-Trichlorobenzene
Concen: 0.497 ug/l
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

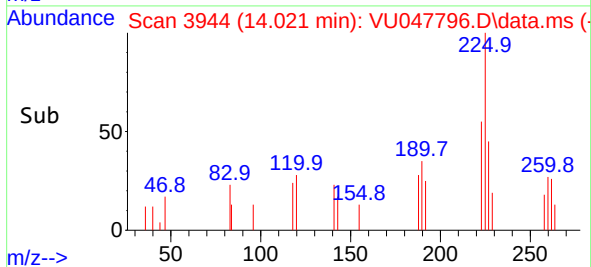
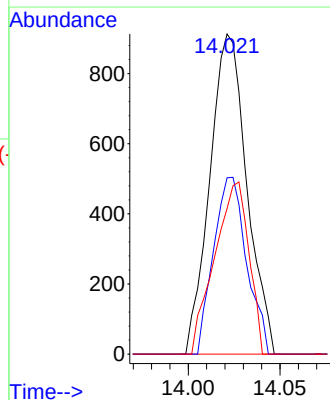
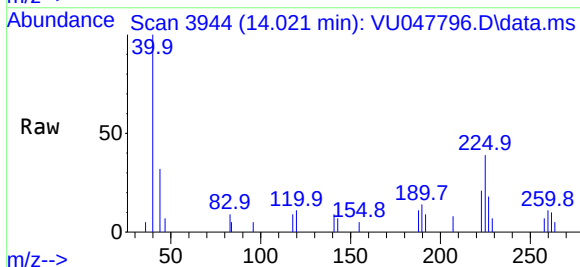
Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

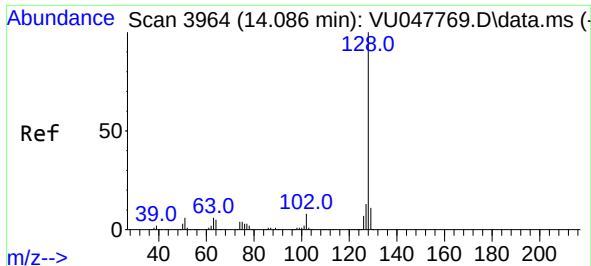
Tgt Ion:	180	Resp:	2527
Ion	Ratio	Lower	Upper
180	100		
182	88.9	47.9	143.6
145	26.4	14.0	41.9



#94
Hexachlorobutadiene
Concen: 0.499 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.000 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	225	Resp:	1280
Ion	Ratio	Lower	Upper
225	100		
223	49.3	31.3	93.9
227	49.6	32.0	96.2

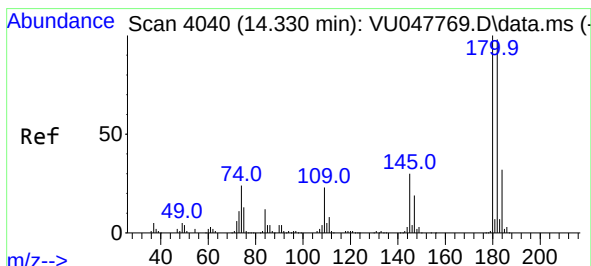
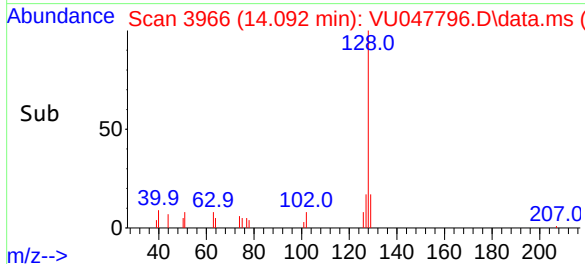
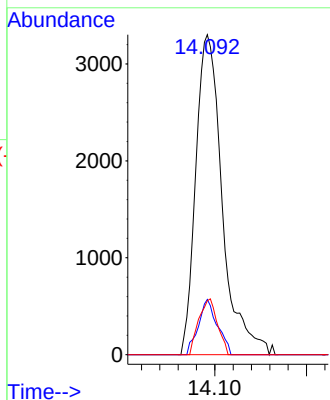
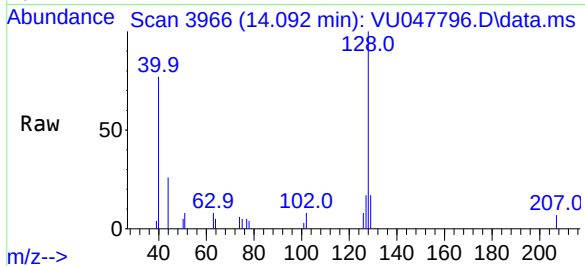




#95
Naphthalene
Concen: 0.438 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.006 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
MDL04 0.5ppb

Tgt Ion:	128	Resp:	6641
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	12.2	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.487 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047796.D
Acq: 02 Apr 2022 13:23

Tgt Ion:	180	Resp:	2418
Ion	Ratio	Lower	Upper
180	100		
182	91.8	48.4	145.0
145	28.2	14.8	44.4

