

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033122\
 Data File : VU047778.D
 Acq On : 31 Mar 2022 17:23
 Operator : SY/MD
 Sample : MDL02 2.5ppb
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 2.5ppb

Quant Time: Apr 01 02:45:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U033122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 01 02:44:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.375	168	235882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	352796	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	344329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	186950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.703	65	122403	48.370	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.740%
35) Dibromofluoromethane	5.292	113	108088	45.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.360%
50) Toluene-d8	7.899	98	373179	43.781	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	87.560%#
62) 4-Bromofluorobenzene	10.632	95	135478	40.812	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	81.620%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	2953	1.118	ug/l	100
3) Chloromethane	1.523	50	4054	1.377	ug/l	93
4) Vinyl Chloride	1.607	62	3534	1.279	ug/l	100
5) Bromomethane	1.861	94	2659	1.461	ug/l	99
6) Chloroethane	1.938	64	2936	1.623	ug/l	99
7) Trichlorofluoromethane	2.144	101	5358	1.386	ug/l	95
8) Diethyl Ether	2.379	74	2056	1.389	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.588	101	3075	1.330	ug/l	98
10) Methyl Iodide	2.729	142	2512	1.127	ug/l	91
11) Tert butyl alcohol	3.337	59	152	0.214	ug/l #	37
12) 1,1-Dichloroethene	2.581	96	2918	1.293	ug/l	94
13) Acrolein	2.497	56	3748	10.494	ug/l	91
14) Allyl chloride	2.932	41	4471	1.394	ug/l	97
15) Acrylonitrile	3.330	53	10978	6.453	ug/l	98
16) Acetone	2.652	43	11487	6.226	ug/l	91
17) Carbon Disulfide	2.800	76	9304	1.400	ug/l	97
18) Methyl Acetate	2.964	43	4551	1.318	ug/l	96
19) Methyl tert-butyl Ether	3.366	73	8922	1.254	ug/l	97
20) Methylene Chloride	3.054	84	4295	1.567	ug/l	98
21) trans-1,2-Dichloroethene	3.359	96	3204	1.302	ug/l	97
22) Diisopropyl ether	3.996	45	7789	1.221	ug/l #	82
23) Vinyl Acetate	3.970	43	32699	5.651	ug/l	100
24) 1,1-Dichloroethane	3.877	63	5564	1.326	ug/l #	94
25) 2-Butanone	4.729	43	13437	5.783	ug/l	97
26) 2,2-Dichloropropane	4.674	77	4672	1.257	ug/l	97
27) cis-1,2-Dichloroethene	4.674	96	3692	1.322	ug/l	98
28) Bromochloromethane	4.983	49	2766	1.843	ug/l #	94
29) Tetrahydrofuran	5.073	42	9112	6.337	ug/l	97
30) Chloroform	5.095	83	6143	1.359	ug/l	91
31) Cyclohexane	5.382	56	8691	2.303	ug/l #	47
32) 1,1,1-Trichloroethane	5.317	97	5473	1.404	ug/l #	49
36) 1,1-Dichloropropene	5.533	75	4218	1.263	ug/l	99
37) Ethyl Acetate	4.816	43	5289	1.176	ug/l #	95
38) Carbon Tetrachloride	5.530	117	4455	1.251	ug/l	94
39) Methylcyclohexane	6.764	83	4725	1.157	ug/l	97
40) Benzene	5.777	78	12881	1.298	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.986	41	2109	1.038	ug/l #	88
42) 1,2-Dichloroethane	5.793	62	4902	1.418	ug/l	89
43) Isopropyl Acetate	5.919	43	6554	1.161	ug/l	96
44) Trichloroethene	6.549	130	3767	1.309	ug/l	97
45) 1,2-Dichloropropane	6.793	63	3364	1.346	ug/l	100
46) Dibromomethane	6.925	93	2561	1.297	ug/l	98
47) Bromodichloromethane	7.108	83	4520	1.244	ug/l #	99
48) Methyl methacrylate	6.964	41	3058	1.183	ug/l	95
49) 1,4-Dioxane	7.031	88	251	3.179	ug/l #	13
51) 4-Methyl-2-Pentanone	7.796	43	24670	5.970	ug/l	99
52) Toluene	7.970	92	8028	1.264	ug/l	98
53) t-1,3-Dichloropropene	8.211	75	4989	1.232	ug/l #	78
54) cis-1,3-Dichloropropene	7.610	75	4842	1.164	ug/l	96
55) 1,1,2-Trichloroethane	8.404	97	3537	1.302	ug/l	97
56) Ethyl methacrylate	8.340	69	4612	1.183	ug/l	97
57) 1,3-Dichloropropane	8.578	76	5556	1.257	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.468	63	748	2.690	ug/l #	62
59) 2-Hexanone	8.690	43	21282	6.280	ug/l	95
60) Dibromochloromethane	8.809	129	3709	1.189	ug/l	100
61) 1,2-Dibromoethane	8.925	107	3835	1.244	ug/l	97
64) Tetrachloroethene	8.555	164	3268	1.283	ug/l #	85
65) Chlorobenzene	9.449	112	9227	1.257	ug/l	94
66) 1,1,1,2-Tetrachloroethane	9.536	131	3380	1.250	ug/l #	65
67) Ethyl Benzene	9.571	91	14555	1.211	ug/l	95
68) m/p-Xylenes	9.693	106	10793	2.283	ug/l	97
69) o-Xylene	10.102	106	5213	1.151	ug/l	94
70) Styrene	10.115	104	8098	1.077	ug/l	98
71) Bromoform	10.291	173	3258	1.179	ug/l #	97
73) Isopropylbenzene	10.484	105	12965	1.186	ug/l	97
74) N-amyl acetate	10.327	43	4901	1.134	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.783	83	6880	1.507	ug/l	95
76) 1,2,3-Trichloropropane	10.825	75	7445	1.423	ug/l	100
77) Bromobenzene	10.783	156	4468	1.422	ug/l	97
78) n-propylbenzene	10.906	91	16492	1.263	ug/l	99
79) 2-Chlorotoluene	10.986	91	10104	1.287	ug/l	95
80) 1,3,5-Trimethylbenzene	11.089	105	11108	1.205	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.632	75	67696	46.042	ug/l #	15
82) 4-Chlorotoluene	11.098	91	11960	1.312	ug/l	98
83) tert-Butylbenzene	11.420	119	11690	1.233	ug/l	99
84) 1,2,4-Trimethylbenzene	11.468	105	10919	1.192	ug/l	99
85) sec-Butylbenzene	11.642	105	13282	1.148	ug/l	97
86) p-Isopropyltoluene	11.793	119	10965	1.106	ug/l	91
87) 1,3-Dichlorobenzene	11.748	146	8675	1.387	ug/l	98
88) 1,4-Dichlorobenzene	11.838	146	9151	1.428	ug/l	95
89) n-Butylbenzene	12.211	91	11443	1.235	ug/l	98
90) Hexachloroethane	12.478	117	2484	1.238	ug/l	98
91) 1,2-Dichlorobenzene	12.214	146	8183	1.346	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.002	75	1582	1.391	ug/l	93
93) 1,2,4-Trichlorobenzene	13.841	180	6453	1.497	ug/l	98
94) Hexachlorobutadiene	14.021	225	3174	1.460	ug/l	96
95) Naphthalene	14.089	128	19126	1.489	ug/l	98
96) 1,2,3-Trichlorobenzene	14.333	180	6044	1.438	ug/l	94

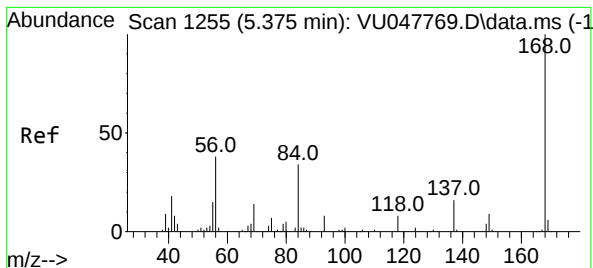
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Response via : Initial Calibration

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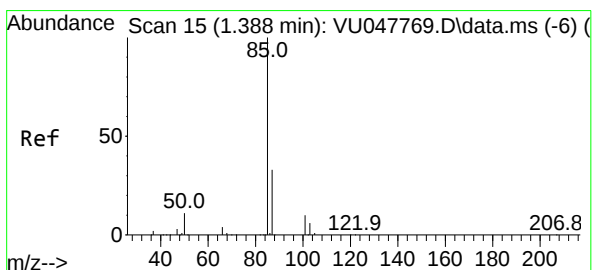
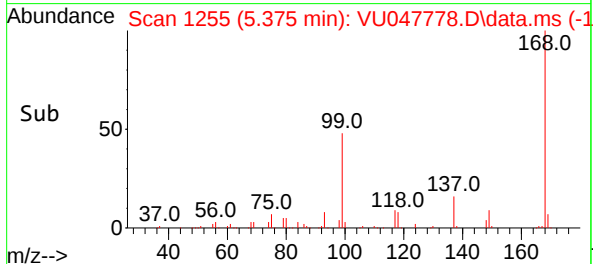
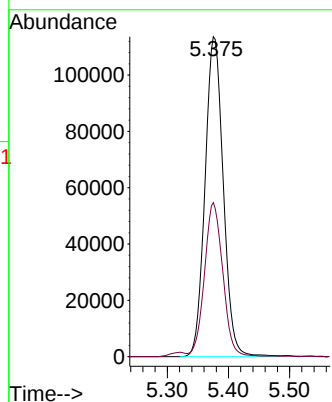
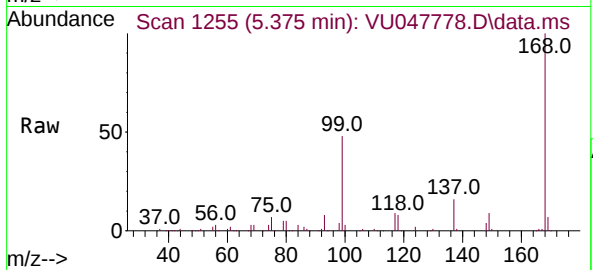
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.375 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

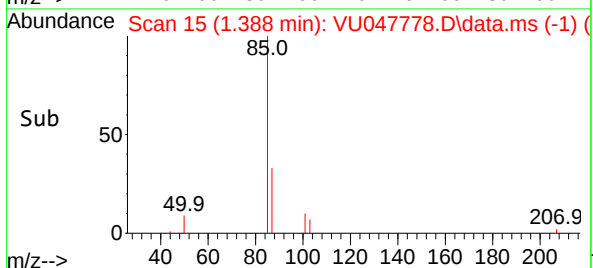
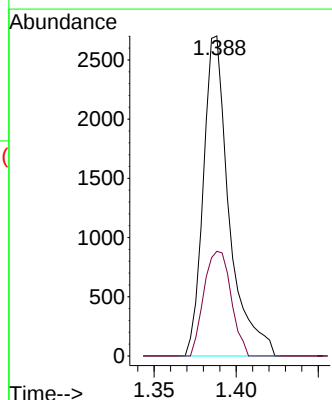
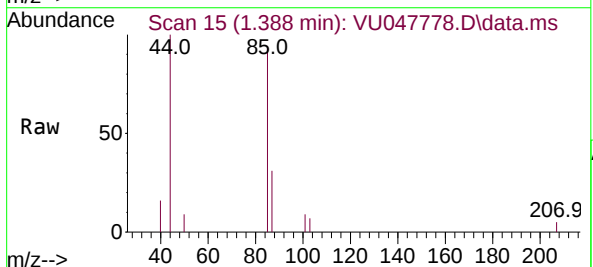
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

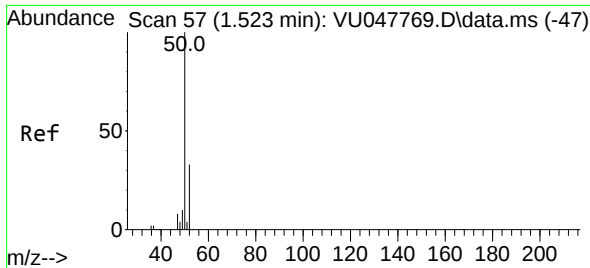
Tgt Ion:168 Resp: 235882
Ion Ratio Lower Upper
168 100
99 48.0 39.3 58.9



#2
Dichlorodifluoromethane
Concen: 1.118 ug/l
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 85 Resp: 2953
Ion Ratio Lower Upper
85 100
87 32.7 16.4 49.2

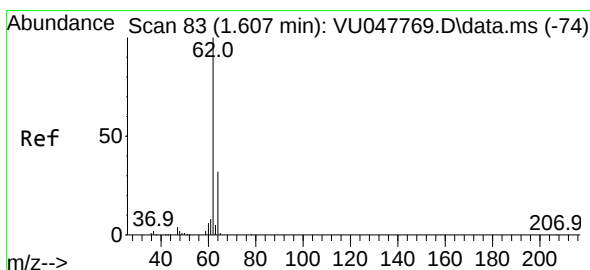
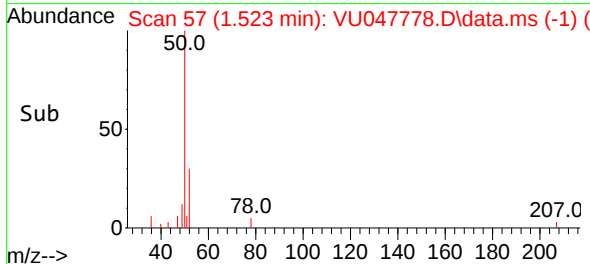
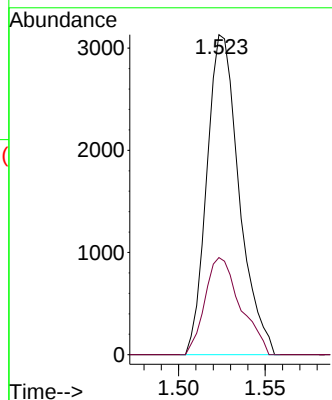
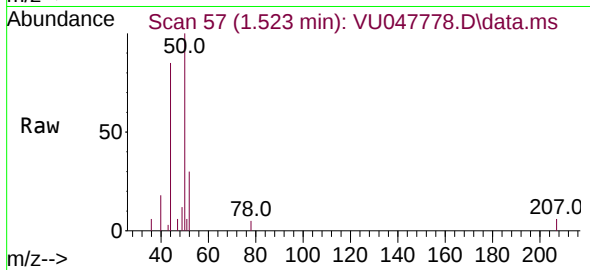




#3
Chloromethane
Concen: 1.377 ug/l
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

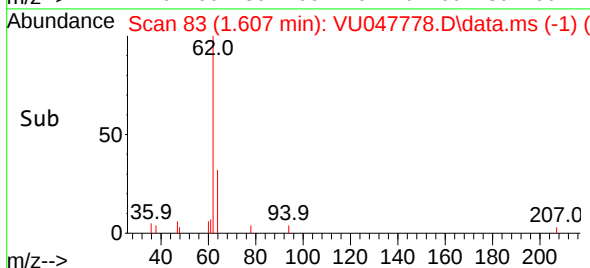
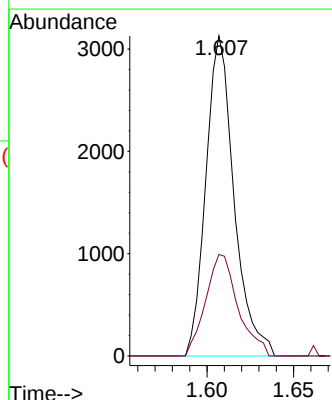
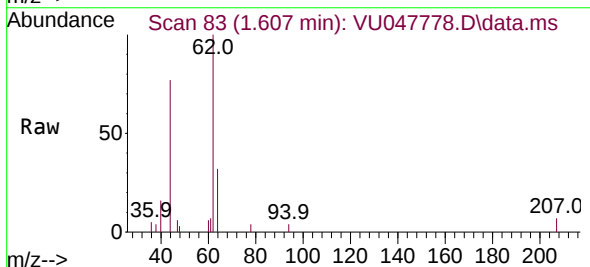
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

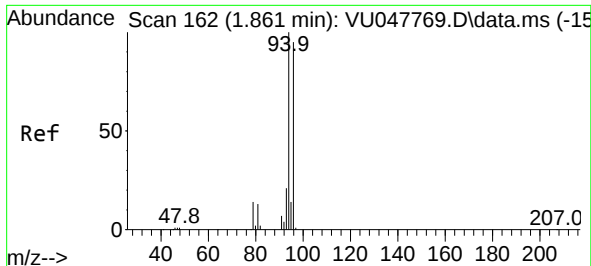
Tgt Ion: 50 Resp: 4054
Ion Ratio Lower Upper
50 100
52 30.4 27.4 41.2



#4
Vinyl Chloride
Concen: 1.279 ug/l
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 62 Resp: 3534
Ion Ratio Lower Upper
62 100
64 31.7 25.3 37.9

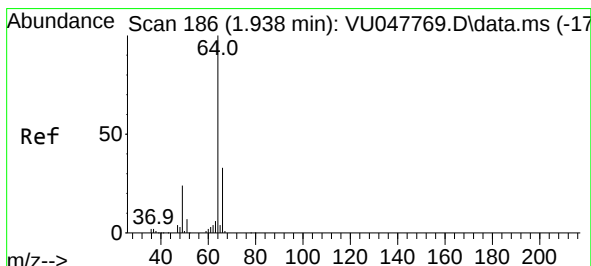
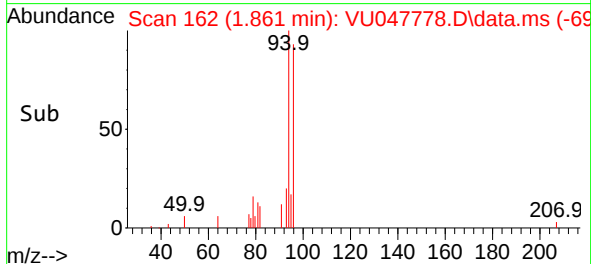
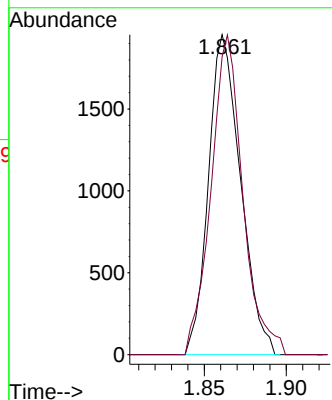
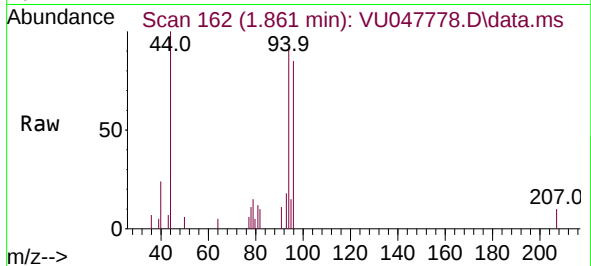




#5
Bromomethane
Concen: 1.461 ug/l
RT: 1.861 min Scan# 162
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

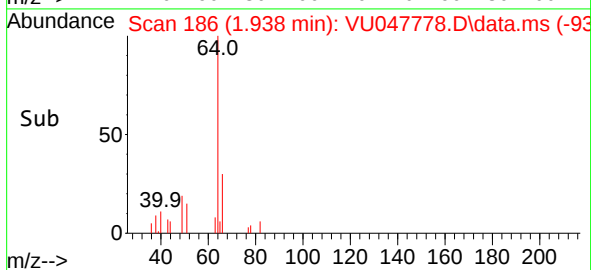
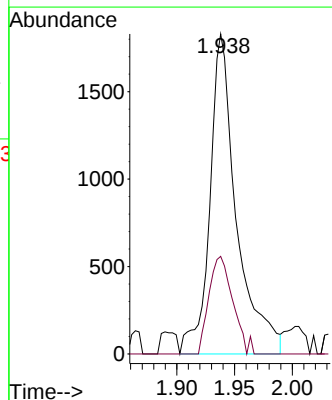
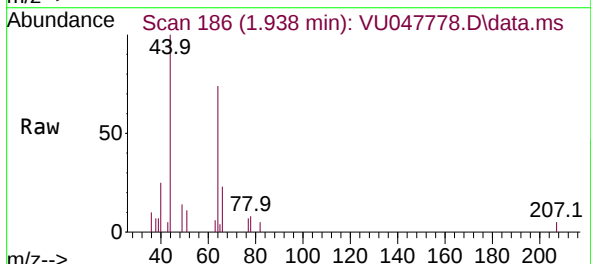
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MDL02 2.5ppb

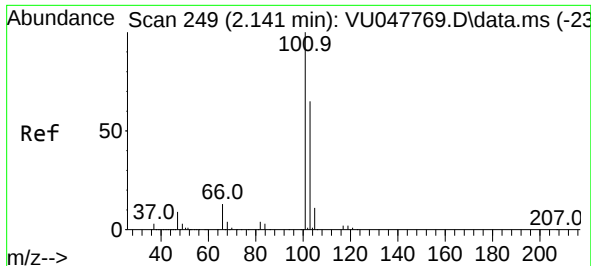
Tgt Ion: 94 Resp: 2659
Ion Ratio Lower Upper
94 100
96 93.1 73.7 110.5



#6
Chloroethane
Concen: 1.623 ug/l
RT: 1.938 min Scan# 186
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 64 Resp: 2936
Ion Ratio Lower Upper
64 100
66 30.5 24.7 37.1

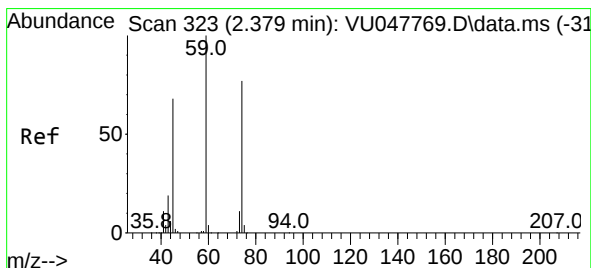
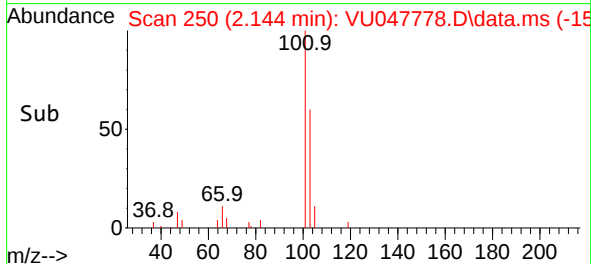
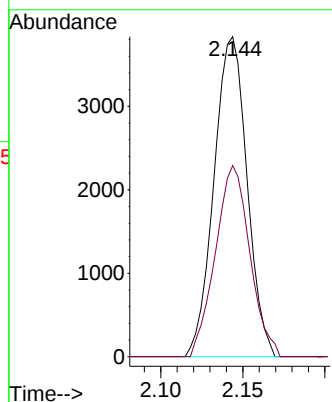
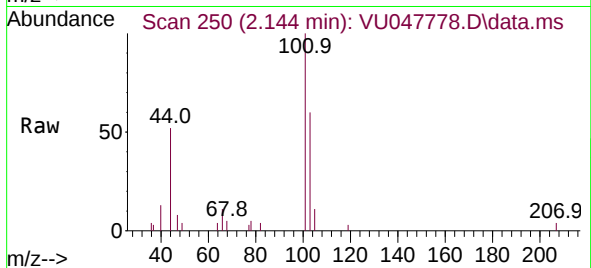




#7
Trichlorofluoromethane
Concen: 1.386 ug/l
RT: 2.144 min Scan# 249
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

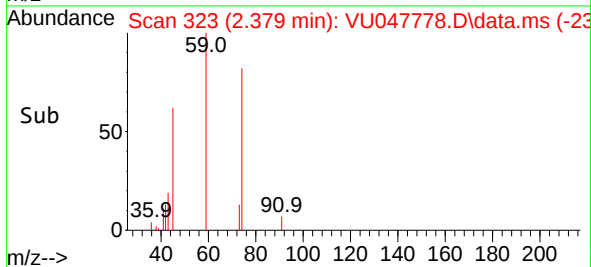
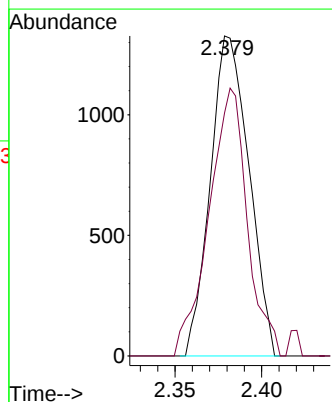
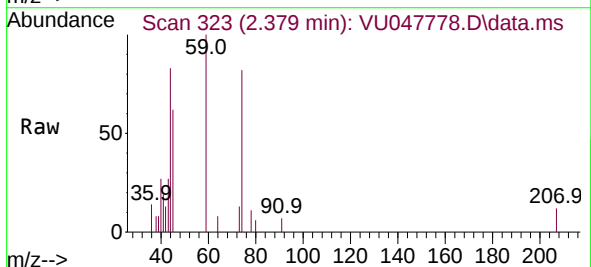
Instrument :
MSVOA_U
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MDL02 2.5ppb

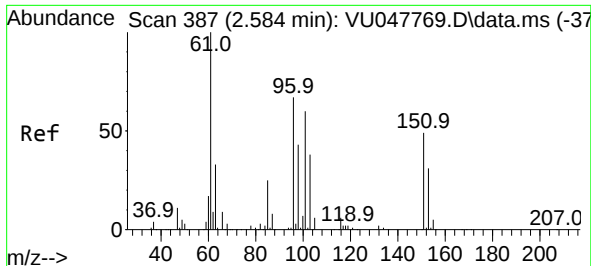
Tgt Ion:101 Resp: 5358
Ion Ratio Lower Upper
101 100
103 59.7 50.6 75.8



#8
Diethyl Ether
Concen: 1.389 ug/l
RT: 2.379 min Scan# 323
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 74 Resp: 2056
Ion Ratio Lower Upper
74 100
45 82.8 44.4 133.2

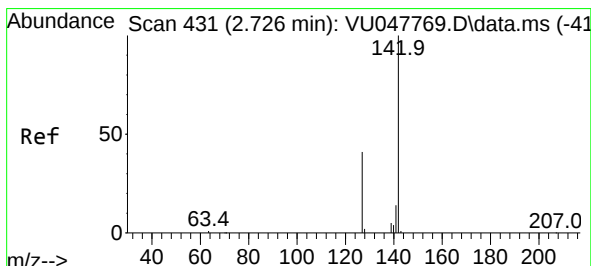
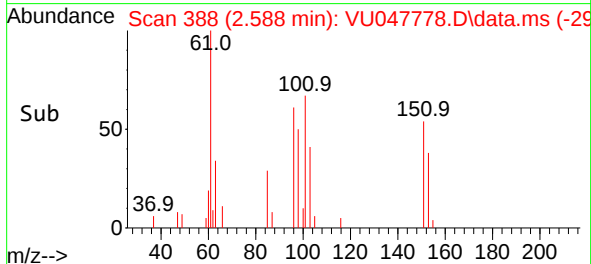
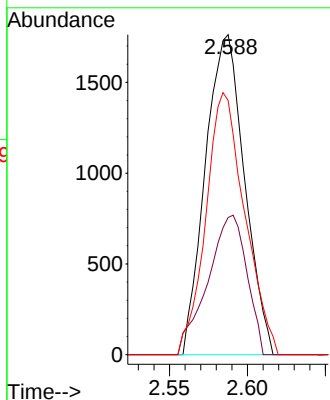
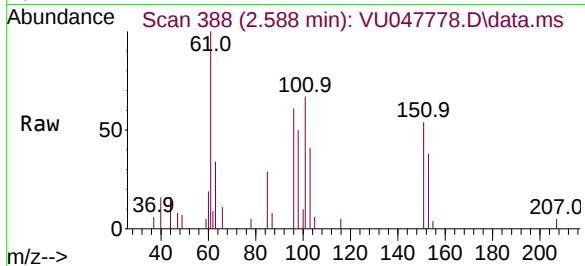




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.330 ug/l
RT: 2.588 min Scan# 388
Delta R.T. 0.003 min
Lab File: VU047778.D
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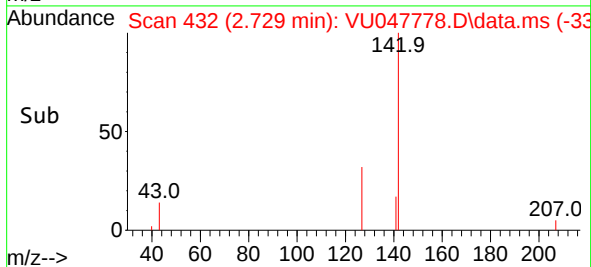
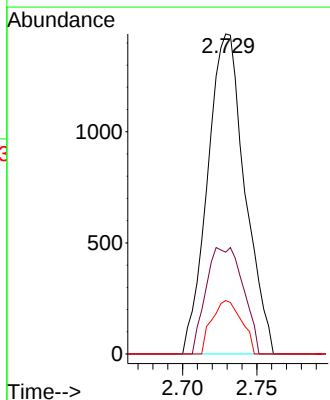
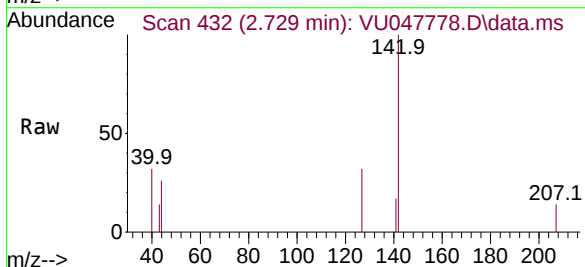
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

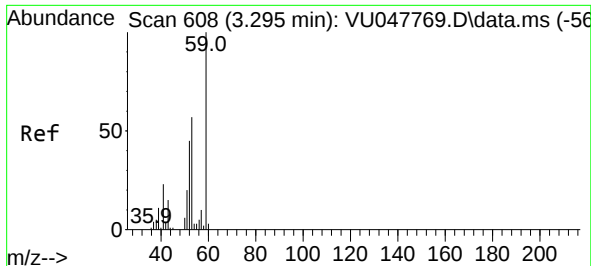
Tgt Ion:101 Resp: 3075
Ion Ratio Lower Upper
101 100
85 43.4 33.9 50.9
151 81.5 64.0 96.0



#10
Methyl Iodide
Concen: 1.127 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:142 Resp: 2512
Ion Ratio Lower Upper
142 100
127 33.1 32.5 48.7
141 13.4 11.4 17.0





#11

Tert butyl alcohol

Concen: 0.214 ug/l

RT: 3.337 min Scan# 61

Delta R.T. 0.042 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

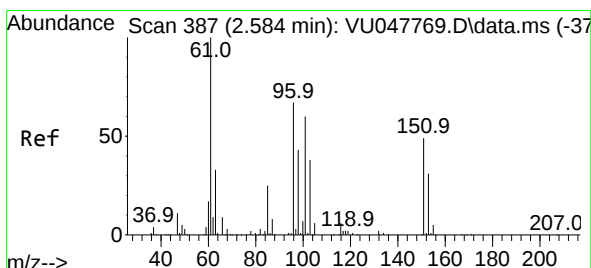
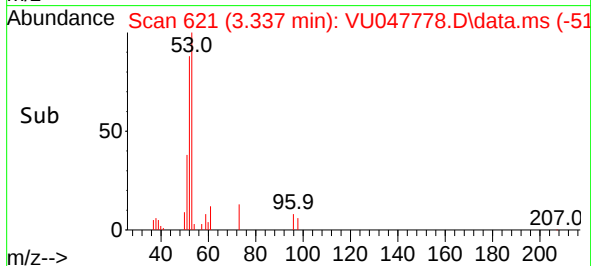
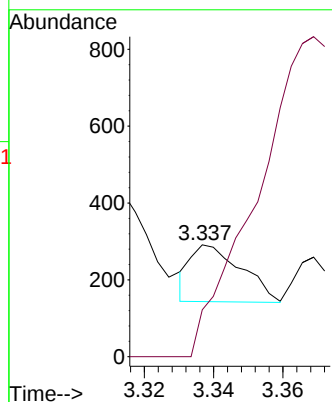
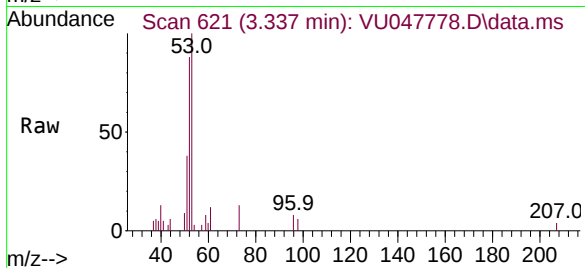
MDL02 2.5ppb

Tgt Ion: 59 Resp: 152

Ion Ratio Lower Upper

59 100

57 0.0 30.6 45.8#



#12

1,1-Dichloroethene

Concen: 1.293 ug/l

RT: 2.581 min Scan# 386

Delta R.T. -0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

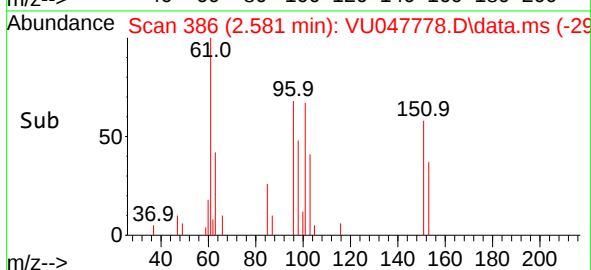
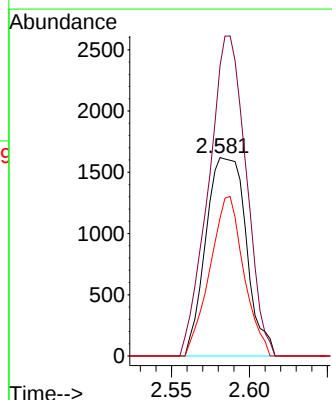
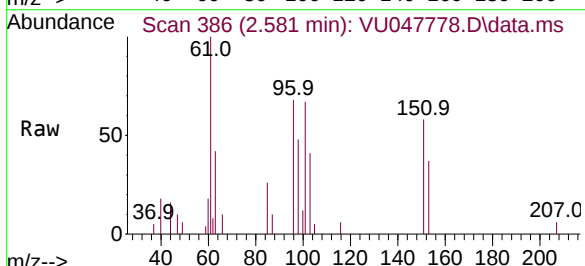
Tgt Ion: 96 Resp: 2918

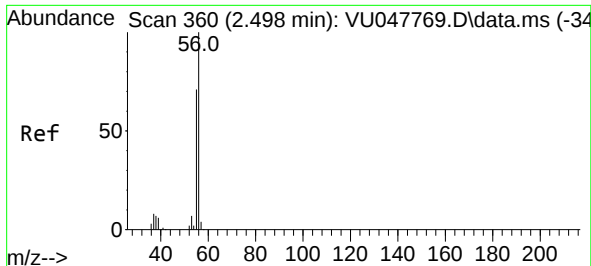
Ion Ratio Lower Upper

96 100

61 146.3 122.2 183.2

98 69.6 50.7 76.1

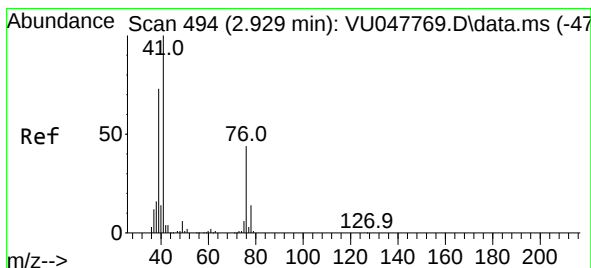
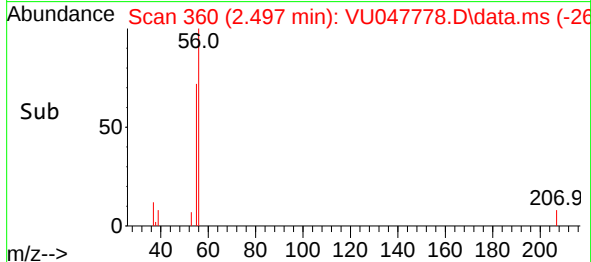
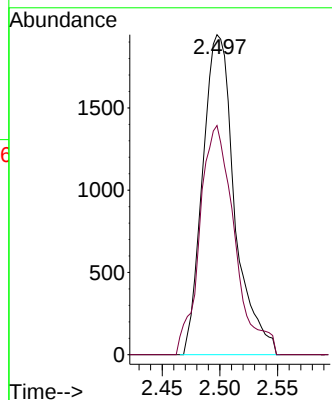
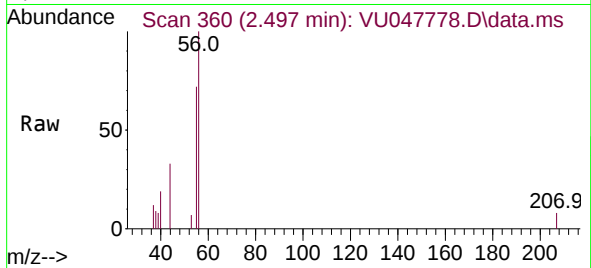




#13
Acrolein
Concen: 10.494 ug/l
RT: 2.497 min Scan# 30
Delta R.T. -0.001 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

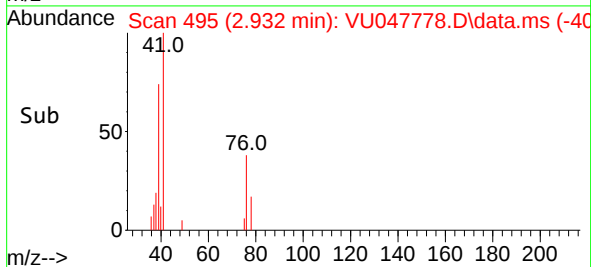
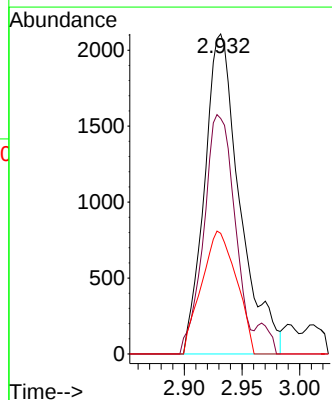
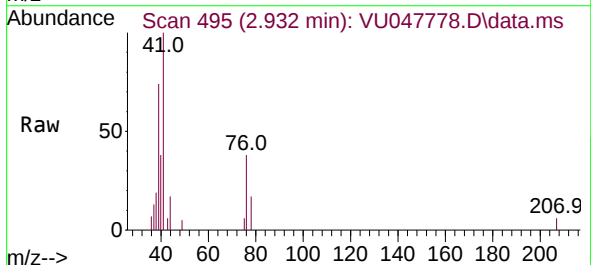
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

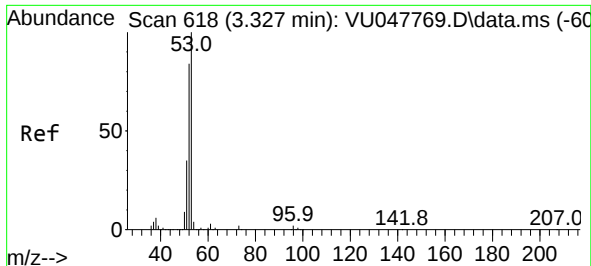
Tgt Ion: 56 Resp: 3748
Ion Ratio Lower Upper
56 100
55 77.9 56.6 85.0



#14
Allyl chloride
Concen: 1.394 ug/l
RT: 2.932 min Scan# 495
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 41 Resp: 4471
Ion Ratio Lower Upper
41 100
39 66.1 53.4 80.2
76 37.9 33.8 50.6

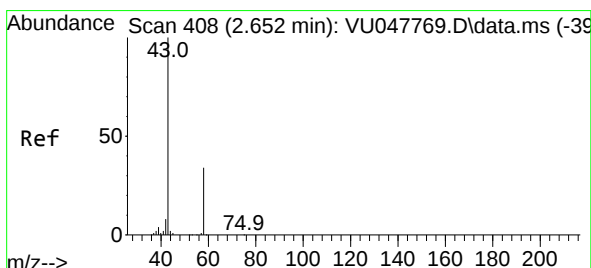
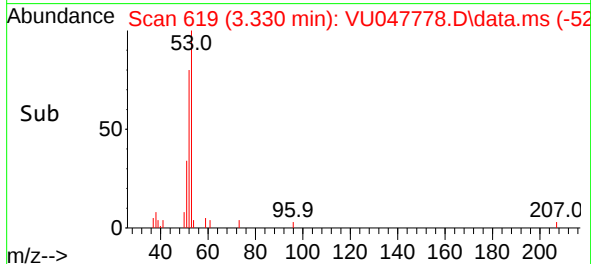
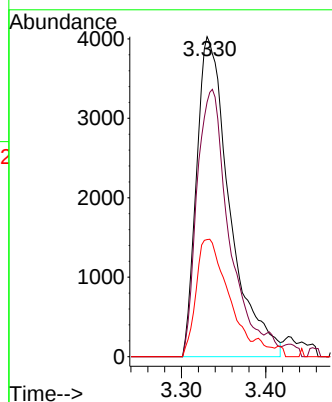
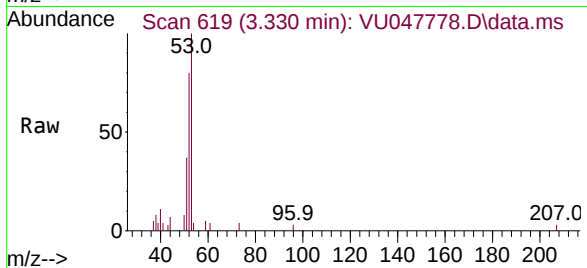




#15
Acrylonitrile
Concen: 6.453 ug/l
RT: 3.330 min Scan# 618
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

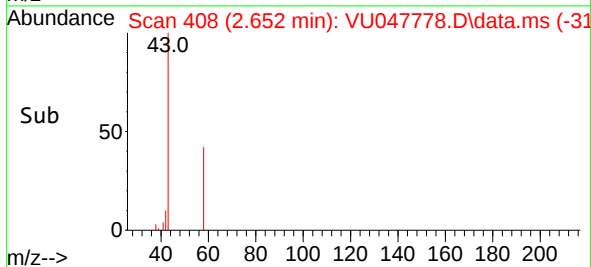
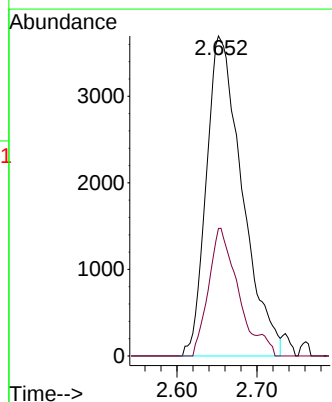
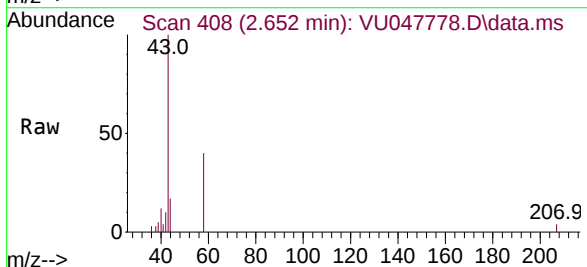
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

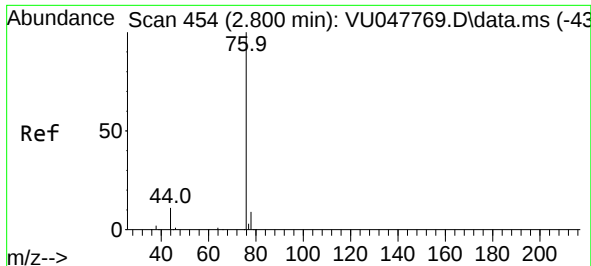
Tgt Ion: 53 Resp: 10978
Ion Ratio Lower Upper
53 100
52 80.1 65.7 98.5
51 35.5 28.2 42.4



#16
Acetone
Concen: 6.226 ug/l
RT: 2.652 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 43 Resp: 11487
Ion Ratio Lower Upper
43 100
58 39.9 27.5 41.3

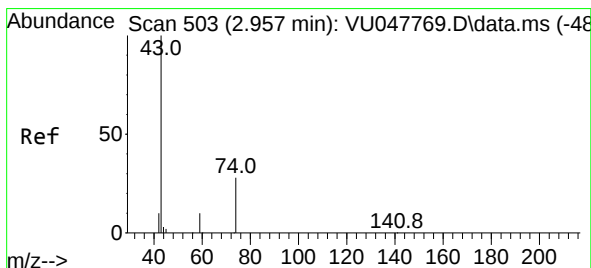
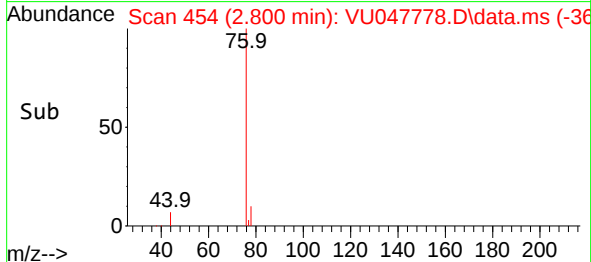
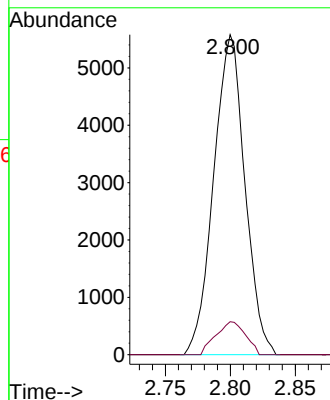
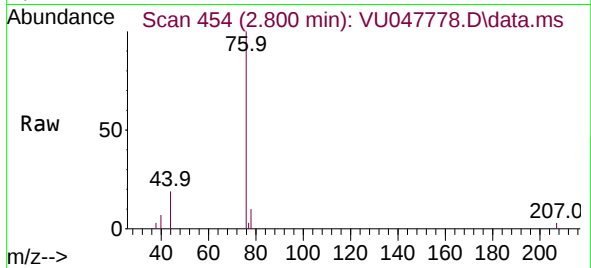




#17
Carbon Disulfide
Concen: 1.400 ug/l
RT: 2.800 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

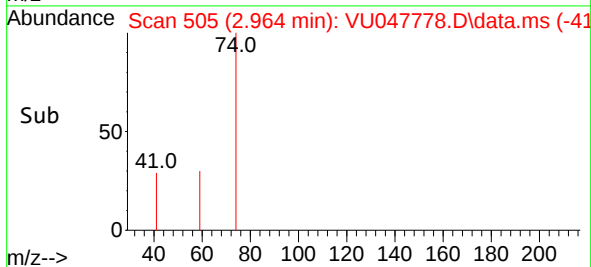
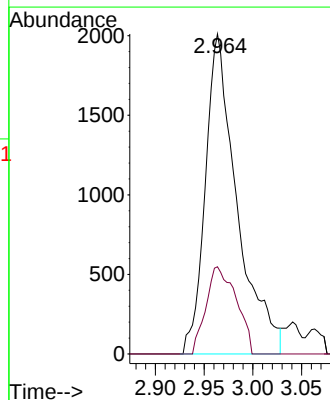
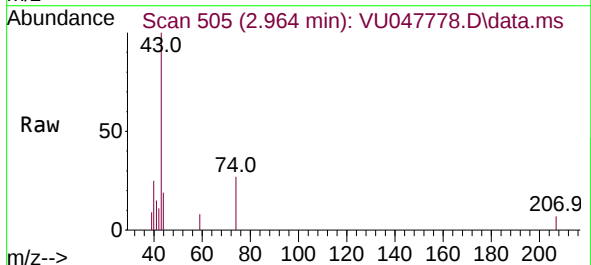
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

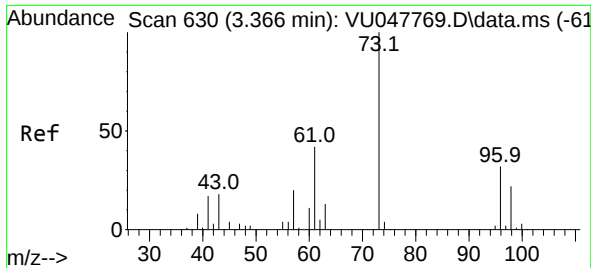
Tgt Ion: 76 Resp: 9304
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#18
Methyl Acetate
Concen: 1.318 ug/l
RT: 2.964 min Scan# 505
Delta R.T. 0.006 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 43 Resp: 4551
Ion Ratio Lower Upper
43 100
74 26.0 22.5 33.7

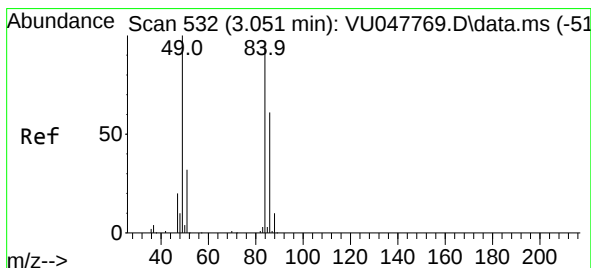
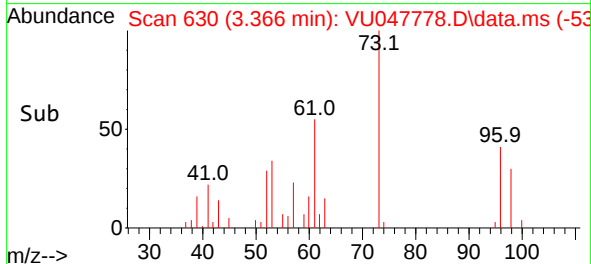
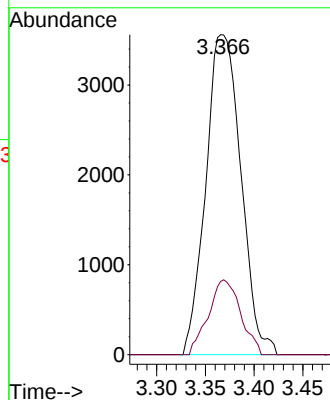
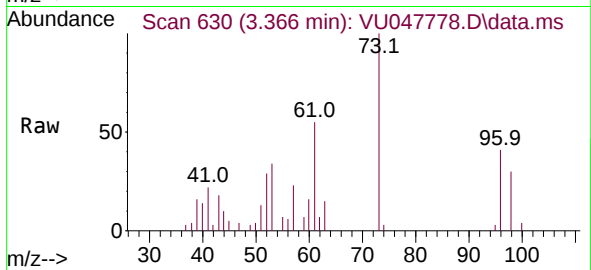




#19
Methyl tert-butyl Ether
Concen: 1.254 ug/l
RT: 3.366 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

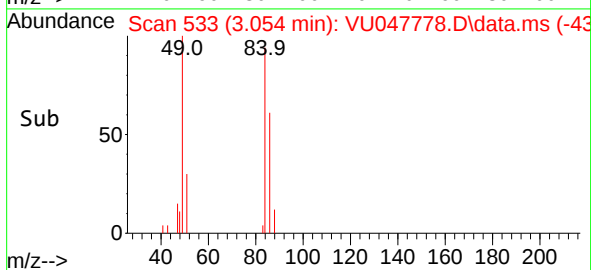
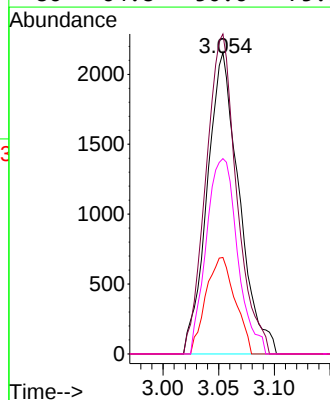
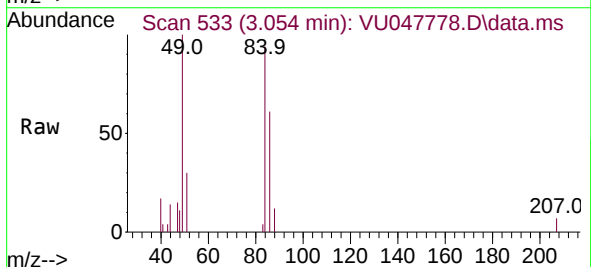
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

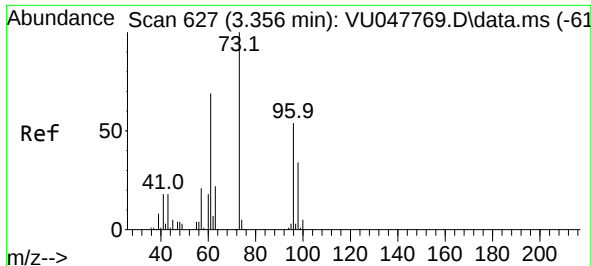
Tgt Ion: 73 Resp: 8922
Ion Ratio Lower Upper
73 100
57 22.9 17.1 25.7



#20
Methylene Chloride
Concen: 1.567 ug/l
RT: 3.054 min Scan# 533
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 84 Resp: 4295
Ion Ratio Lower Upper
84 100
49 106.2 86.6 129.8
51 32.0 26.6 40.0
86 64.8 50.6 75.8

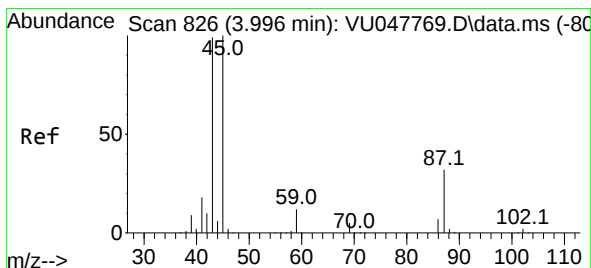
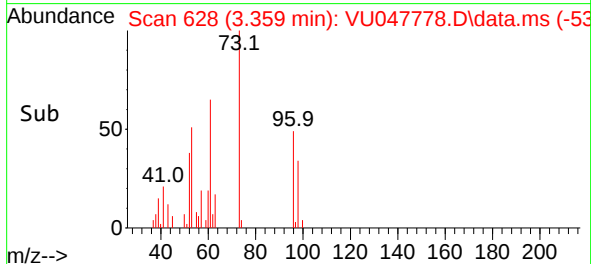
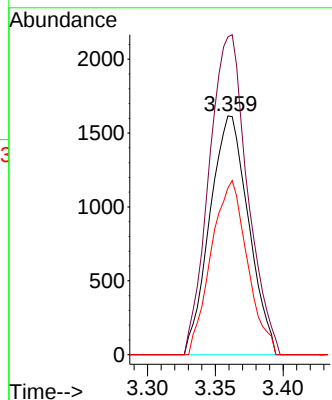
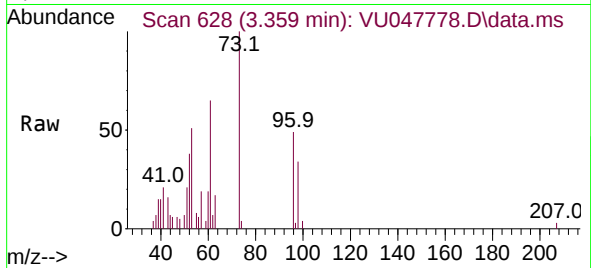




#21
trans-1,2-Dichloroethene
Concen: 1.302 ug/l
RT: 3.359 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

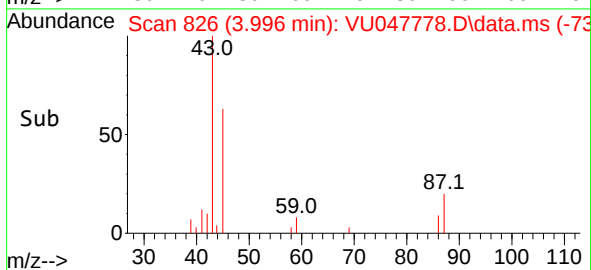
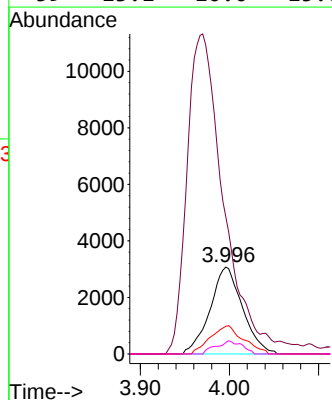
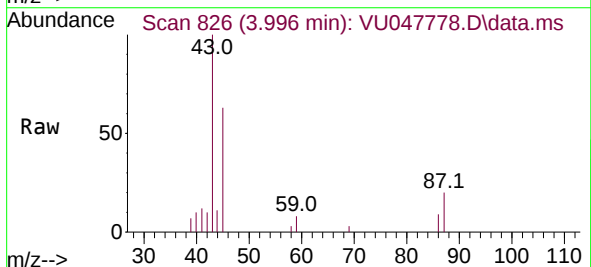
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

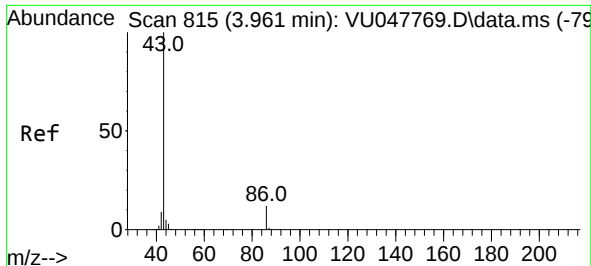
Tgt Ion: 96 Resp: 3204
Ion Ratio Lower Upper
96 100
61 133.1 106.1 159.1
98 69.9 50.8 76.2



#22
Diisopropyl ether
Concen: 1.221 ug/l
RT: 3.996 min Scan# 826
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 45 Resp: 7789
Ion Ratio Lower Upper
45 100
43 143.1 92.9 139.3#
87 31.9 26.2 39.2
59 13.1 10.0 15.0

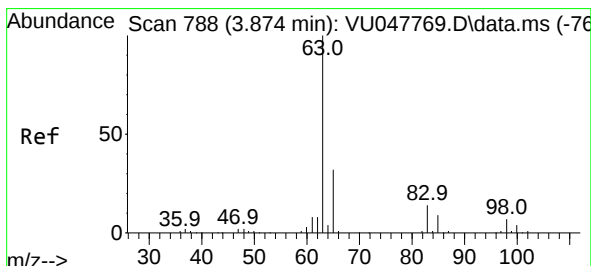
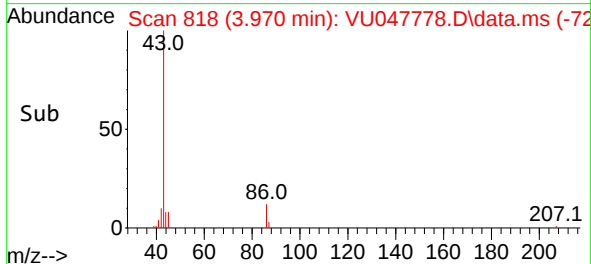
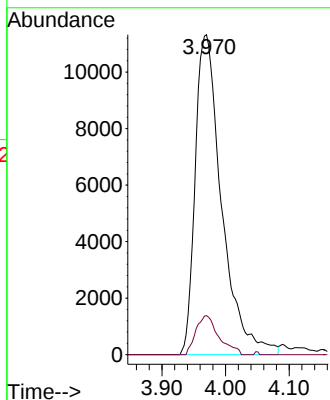
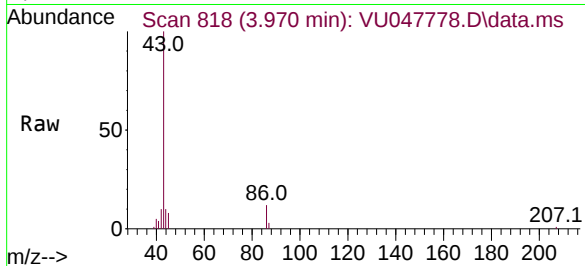




#23
 Vinyl Acetate
 Concen: 5.651 ug/l
 RT: 3.970 min Scan# 815
 Delta R.T. 0.009 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

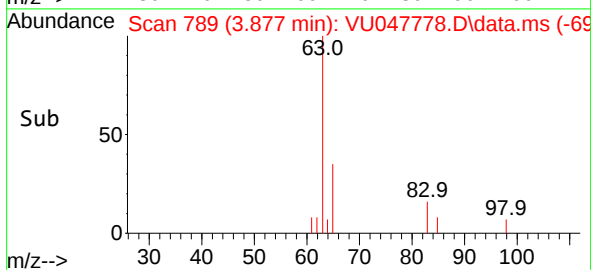
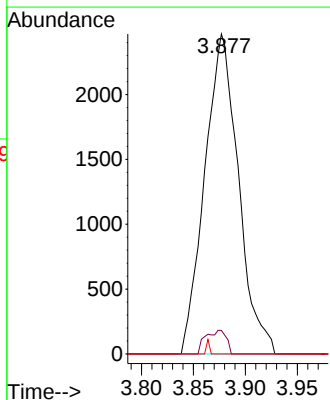
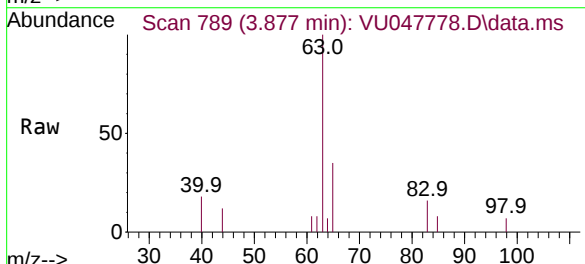
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 2.5ppb

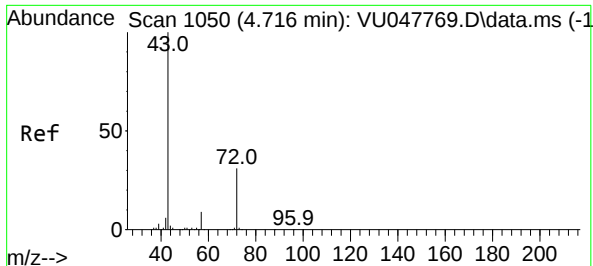
Tgt Ion: 43 Resp: 32699
 Ion Ratio Lower Upper
 43 100
 86 12.2 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 1.326 ug/l
 RT: 3.877 min Scan# 789
 Delta R.T. 0.003 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

Tgt Ion: 63 Resp: 5564
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 0.0 2.4 7.2#





#25

2-Butanone

Concen: 5.783 ug/l

RT: 4.729 min Scan# 1054

Delta R.T. 0.013 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

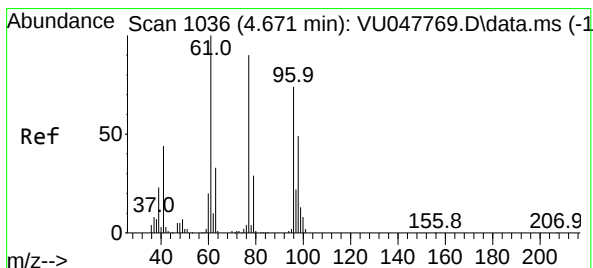
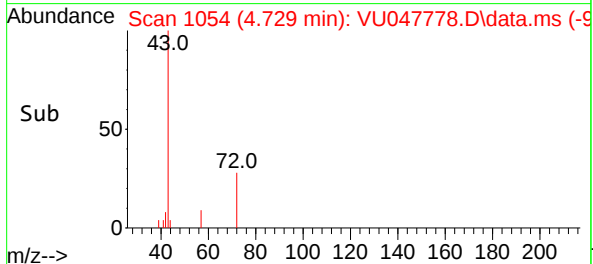
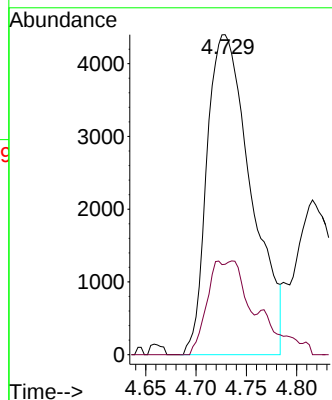
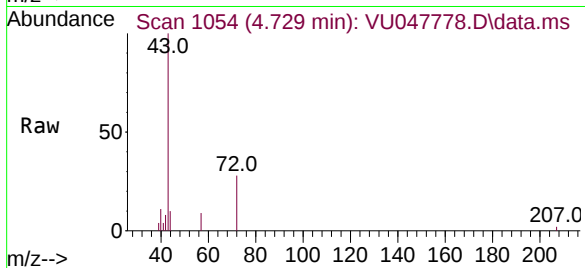
MDL02 2.5ppb

Tgt Ion: 43 Resp: 13437

Ion Ratio Lower Upper

43 100

72 28.3 23.8 35.6



#26

2,2-Dichloropropane

Concen: 1.257 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047778.D

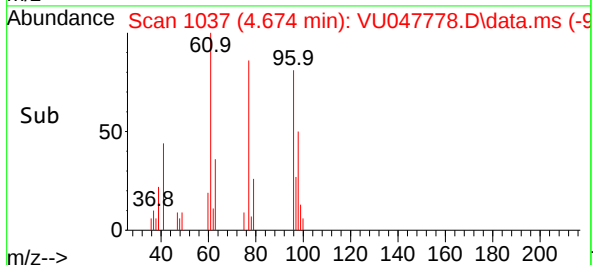
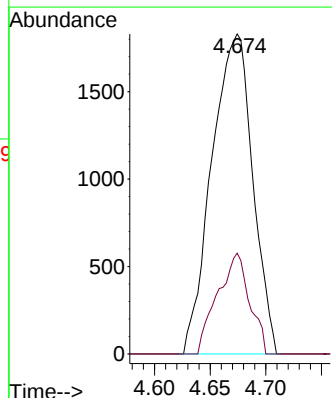
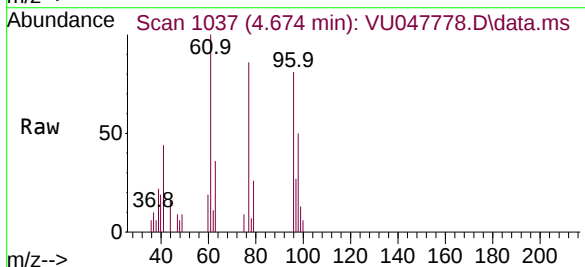
Acq: 31 Mar 2022 17:23

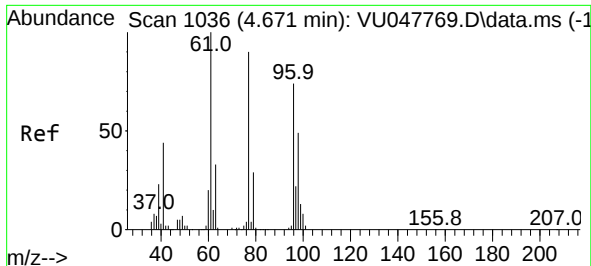
Tgt Ion: 77 Resp: 4672

Ion Ratio Lower Upper

77 100

97 24.6 11.6 34.8

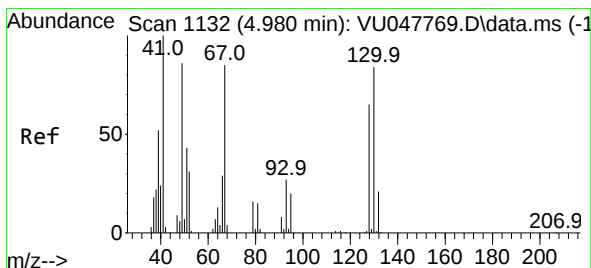
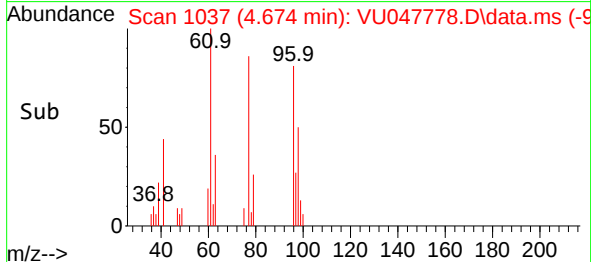
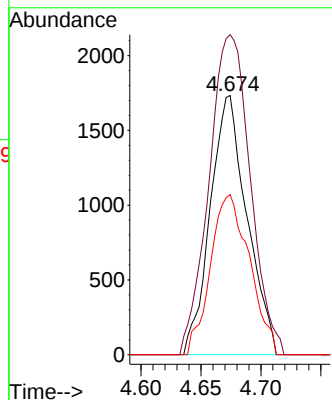
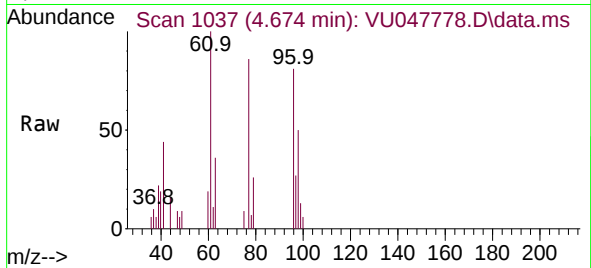




#27
 cis-1,2-Dichloroethene
 Concen: 1.322 ug/l
 RT: 4.674 min Scan# 1036
 Delta R.T. 0.003 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

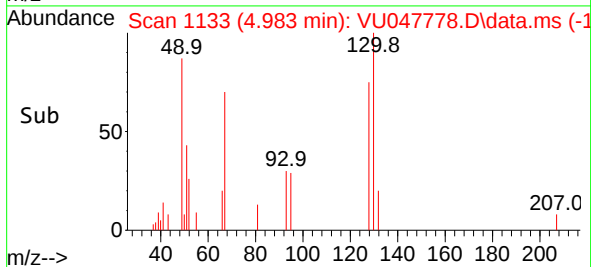
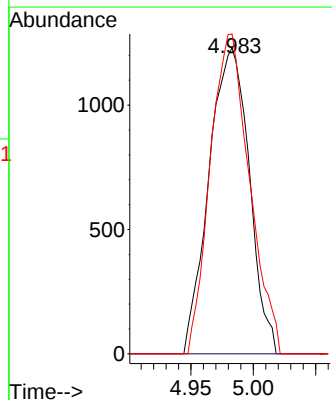
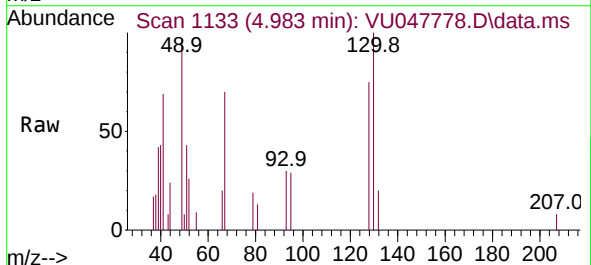
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 2.5ppb

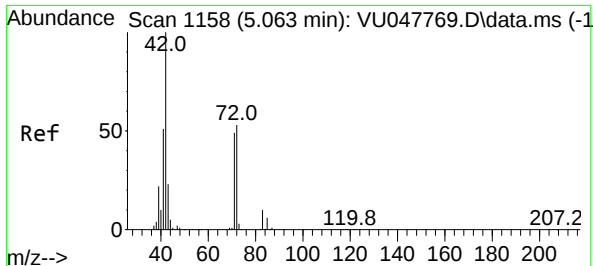
Tgt Ion: 96	Resp:	3692
Ion	Ratio	Lower Upper
96	100	
61	139.0	0.0 271.6
98	65.5	0.0 128.2



#28
 Bromochloromethane
 Concen: 1.843 ug/l
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.003 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

Tgt Ion: 49	Resp:	2766
Ion	Ratio	Lower Upper
49	100	
129	0.0	0.0 4.6
130	101.8	76.9 115.3

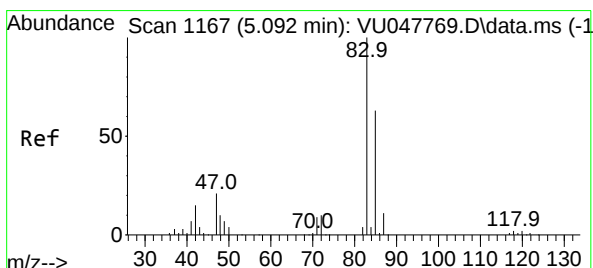
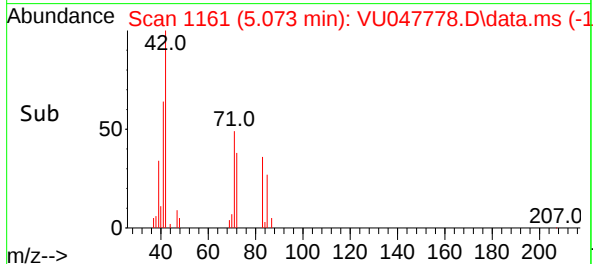
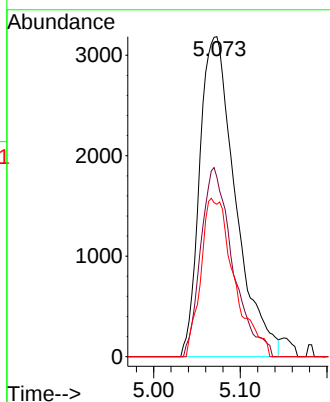
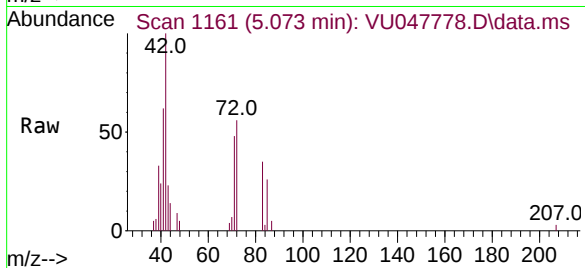




#29
Tetrahydrofuran
Concen: 6.337 ug/l
RT: 5.073 min Scan# 1158
Delta R.T. 0.009 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

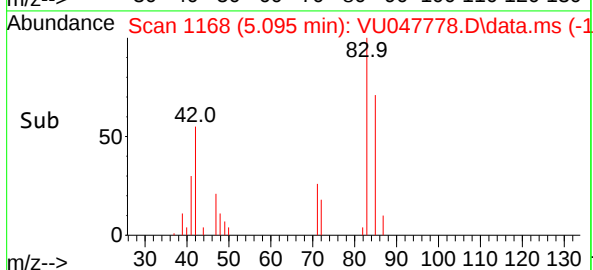
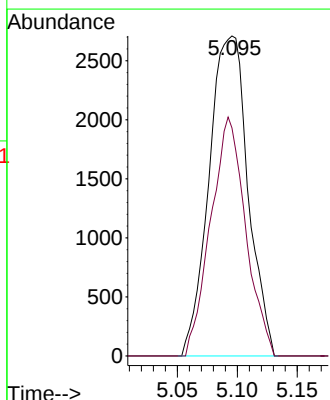
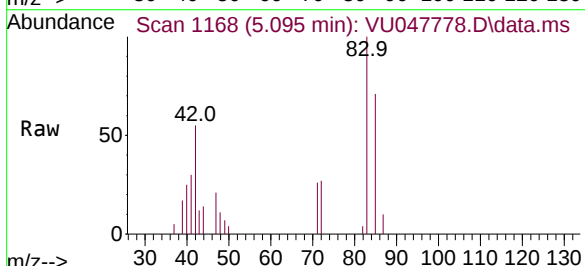
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

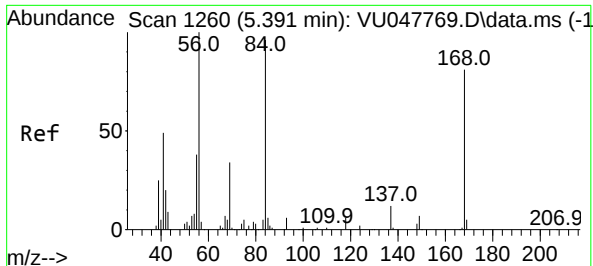
Tgt Ion:	42	Resp:	9112
Ion	Ratio	Lower	Upper
42	100		
72	53.0	42.6	63.8
71	46.0	40.3	60.5



#30
Chloroform
Concen: 1.359 ug/l
RT: 5.095 min Scan# 1168
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:	83	Resp:	6143
Ion	Ratio	Lower	Upper
83	100		
85	71.3	51.2	76.8

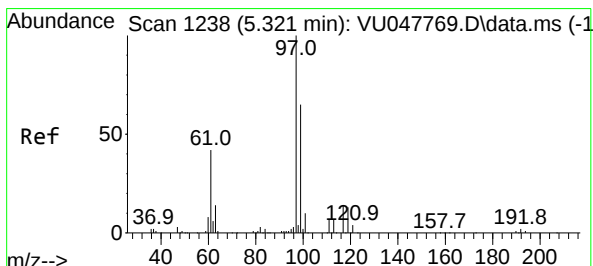
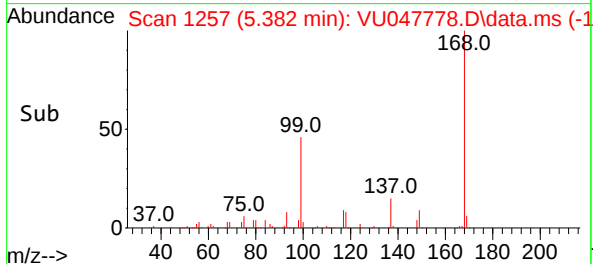
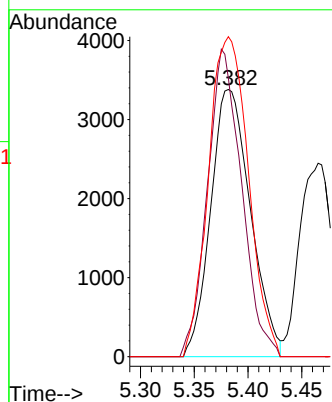
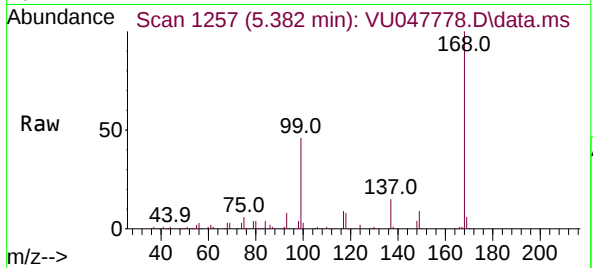




#31
Cyclohexane
Concen: 2.303 ug/l
RT: 5.382 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

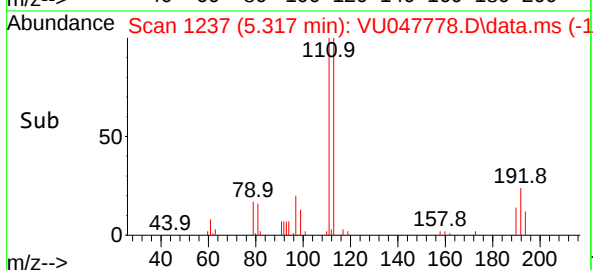
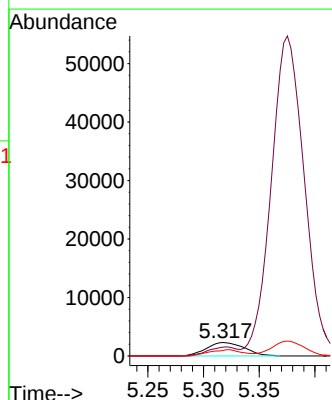
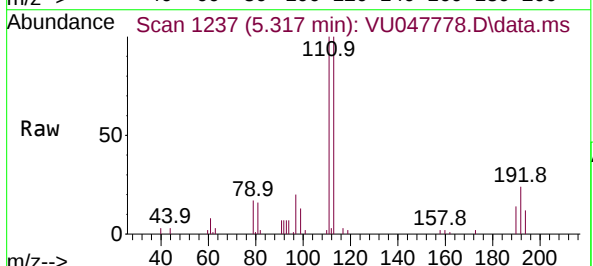
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

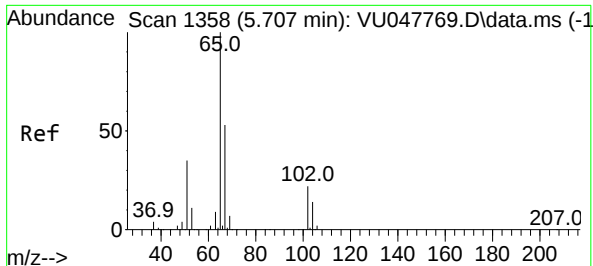
Tgt Ion: 56 Resp: 8691
Ion Ratio Lower Upper
56 100
69 104.3 27.8 41.8#
84 119.8 74.2 111.4#



#32
1,1,1-Trichloroethane
Concen: 1.404 ug/l
RT: 5.317 min Scan# 1237
Delta R.T. -0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 97 Resp: 5473
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.6#
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 48.370 ug/l

RT: 5.703 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

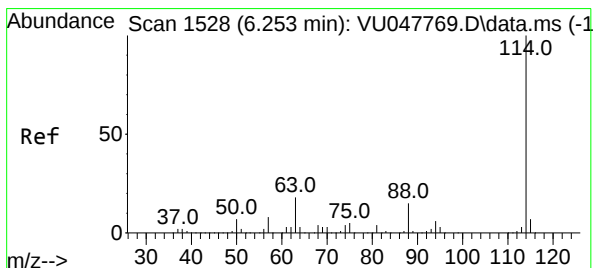
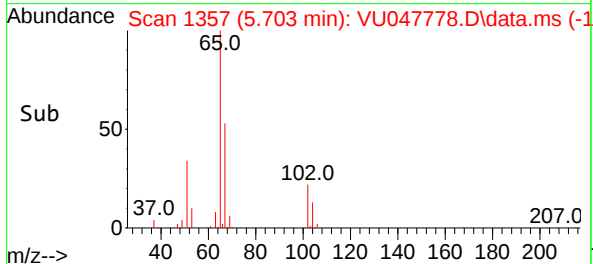
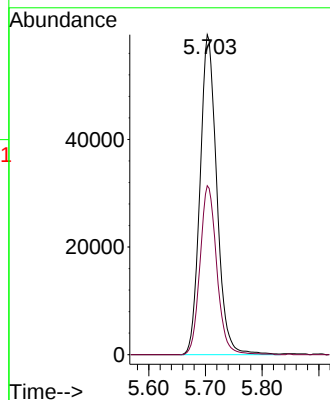
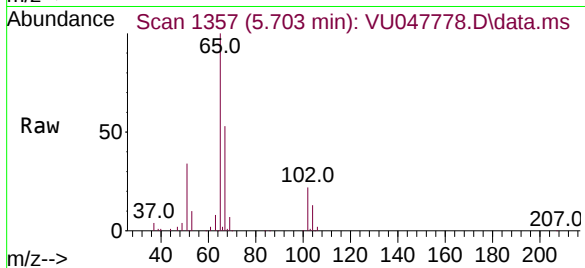
MDL02 2.5ppb

Tgt Ion: 65 Resp: 122403

Ion Ratio Lower Upper

65 100

67 52.7 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: VU047778.D

Acq: 31 Mar 2022 17:23

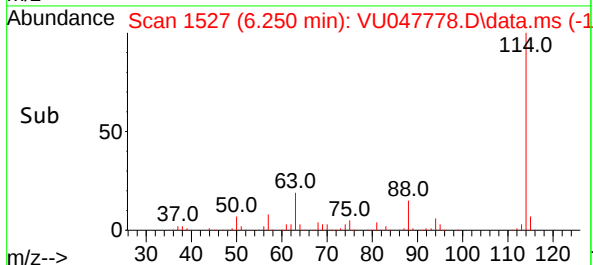
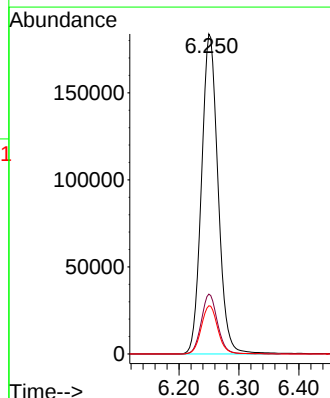
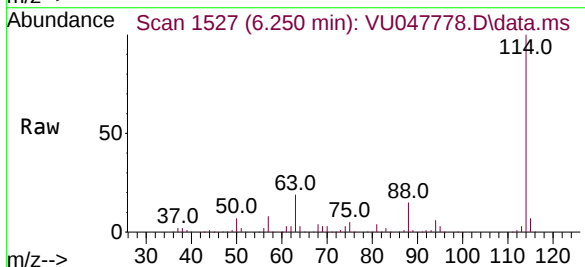
Tgt Ion: 114 Resp: 352796

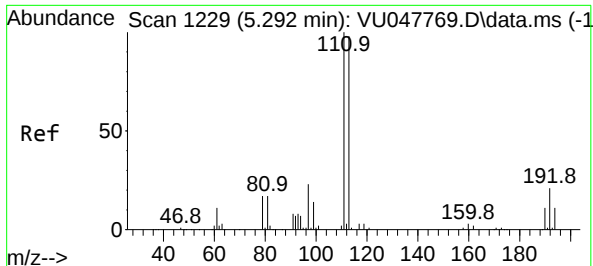
Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

88 15.1 0.0 29.2

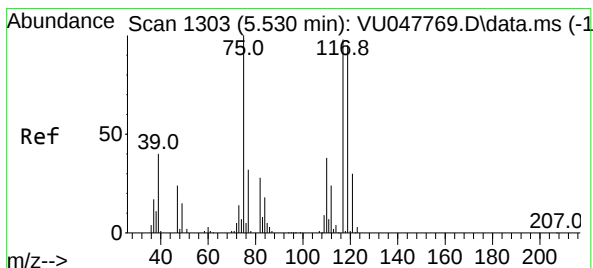
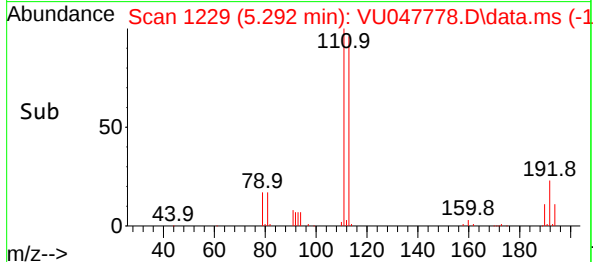
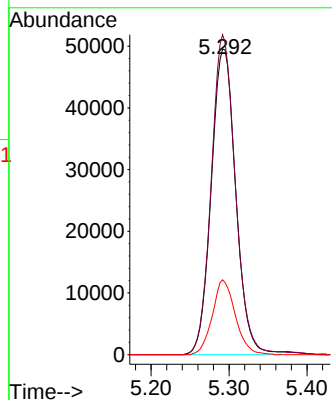
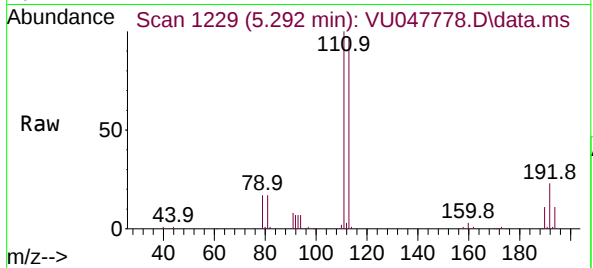




#35
Dibromofluoromethane
Concen: 45.685 ug/l
RT: 5.292 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

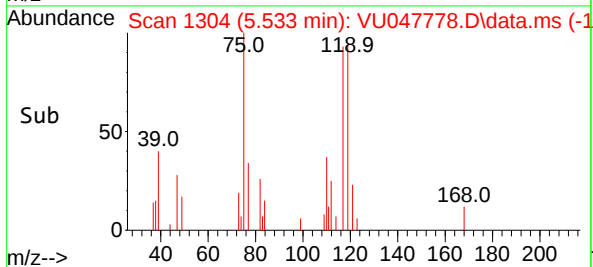
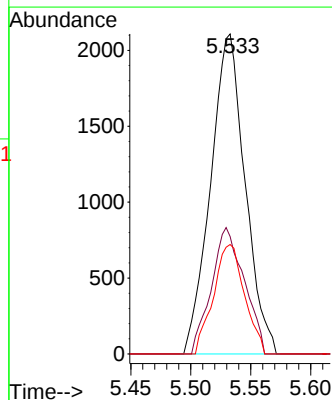
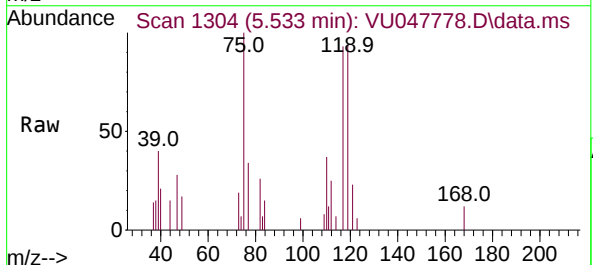
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

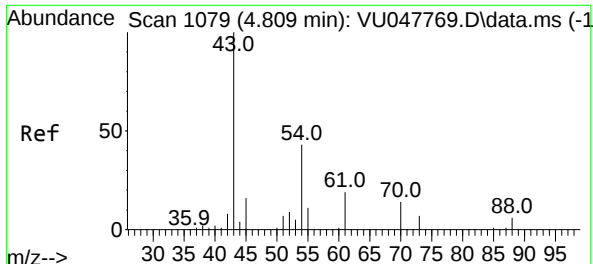
Tgt Ion:113 Resp: 108088
Ion Ratio Lower Upper
113 100
111 103.1 82.1 123.1
192 23.0 18.0 27.0



#36
1,1-Dichloropropene
Concen: 1.263 ug/l
RT: 5.533 min Scan# 1304
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 75 Resp: 4218
Ion Ratio Lower Upper
75 100
110 37.6 18.4 55.2
77 30.7 25.1 37.7

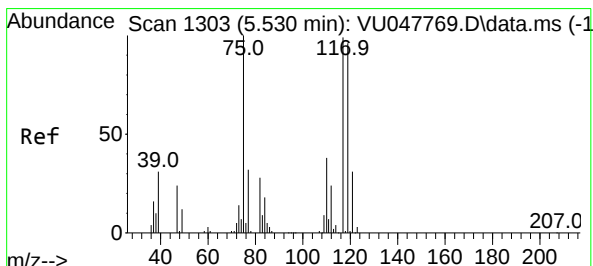
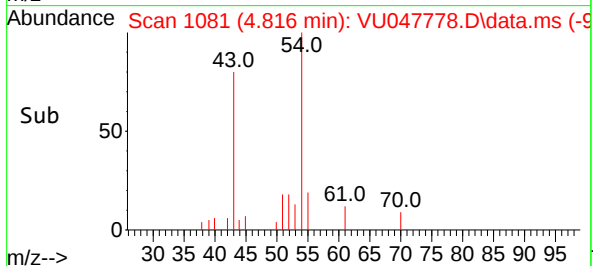
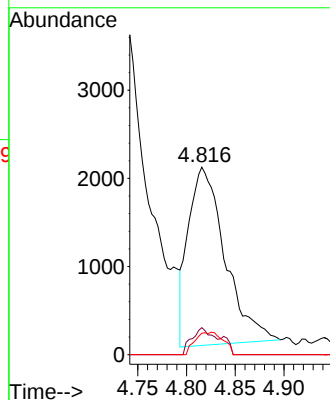
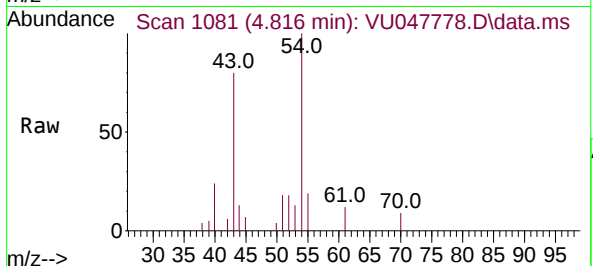




#37
Ethyl Acetate
Concen: 1.176 ug/l
RT: 4.816 min Scan# 1081
Delta R.T. 0.006 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

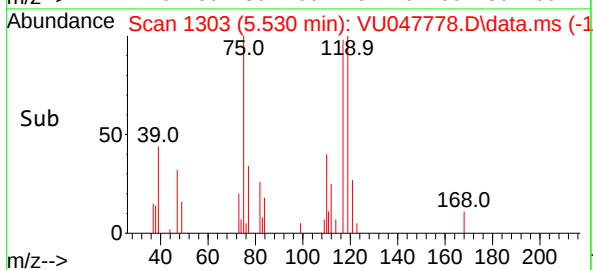
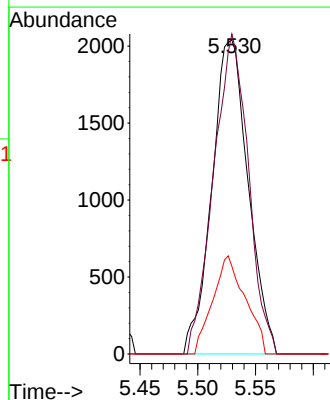
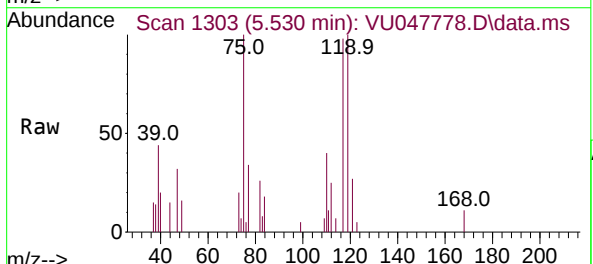
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

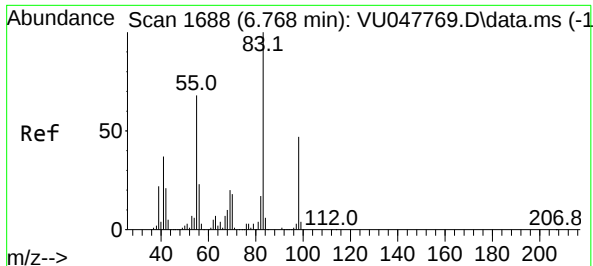
Tgt Ion: 43 Resp: 5289
Ion Ratio Lower Upper
43 100
61 8.7 9.5 14.3#
70 9.6 7.5 11.3



#38
Carbon Tetrachloride
Concen: 1.251 ug/l
RT: 5.530 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 117 Resp: 4455
Ion Ratio Lower Upper
117 100
119 101.9 76.8 115.2
121 27.9 24.7 37.1





#39

Methylcyclohexane

Concen: 1.157 ug/l

RT: 6.764 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

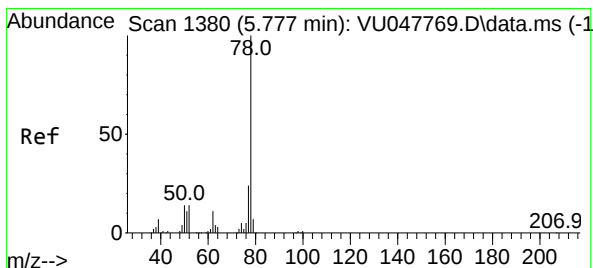
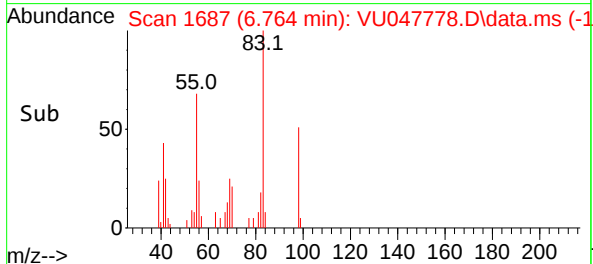
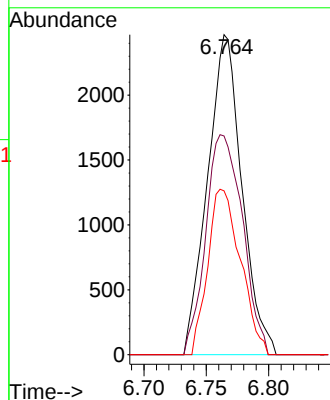
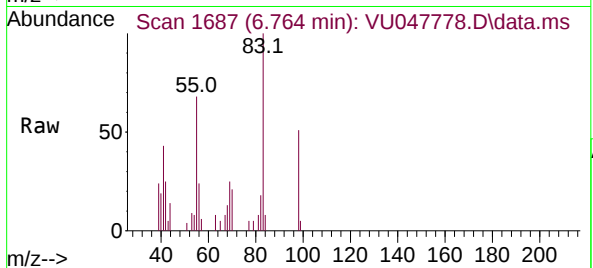
Tgt Ion: 83 Resp: 4725

Ion Ratio Lower Upper

83 100

55 68.4 55.3 82.9

98 51.2 37.3 55.9



#40

Benzene

Concen: 1.298 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. -0.000 min

Lab File: VU047778.D

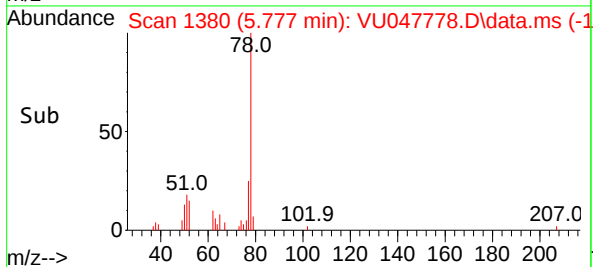
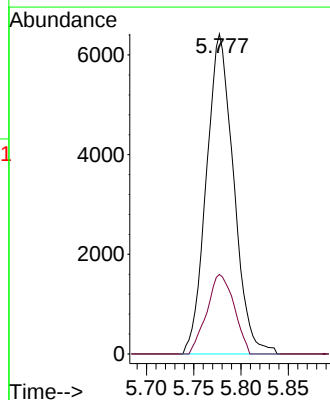
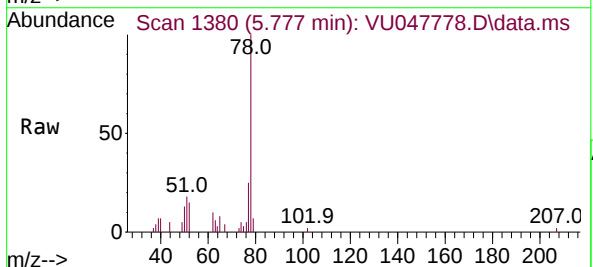
Acq: 31 Mar 2022 17:23

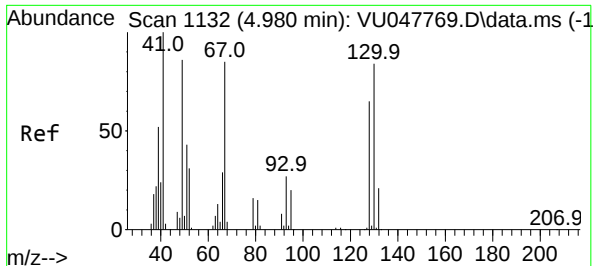
Tgt Ion: 78 Resp: 12881

Ion Ratio Lower Upper

78 100

77 24.9 18.8 28.2

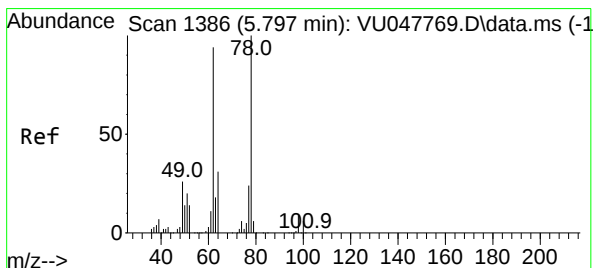
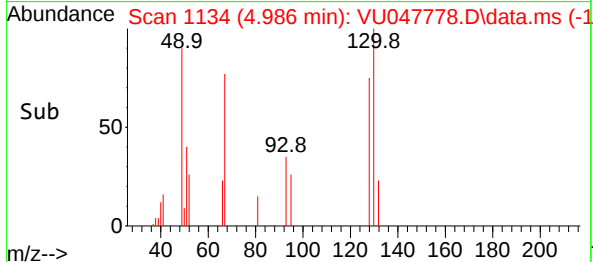
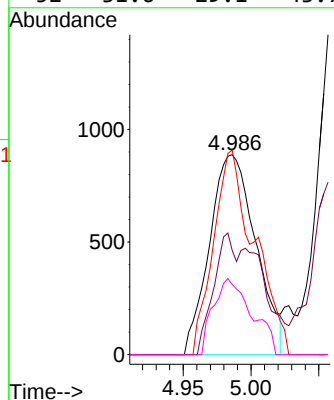
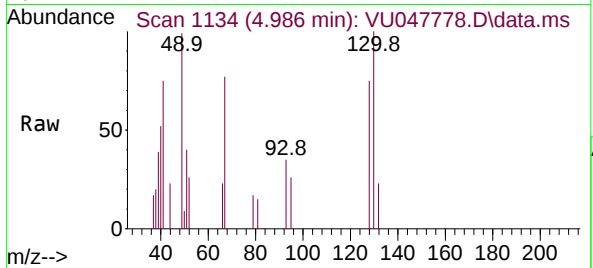




#41
Methacrylonitrile
Concen: 1.038 ug/l
RT: 4.986 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

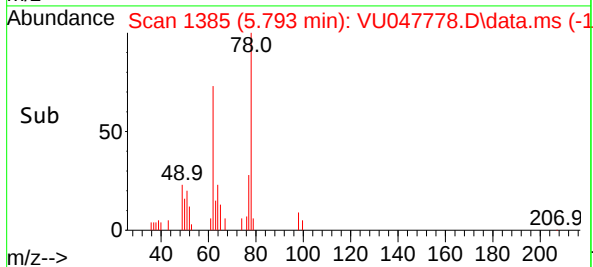
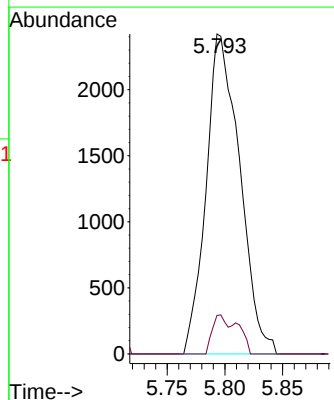
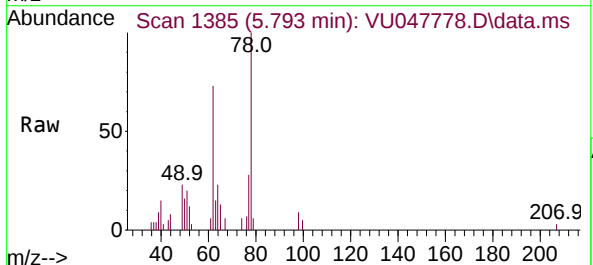
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

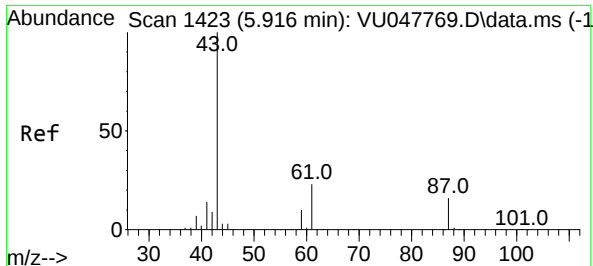
Tgt Ion:	41	Resp:	2109
Ion	Ratio	Lower	Upper
41	100		
39	29.1	43.1	64.7#
67	90.4	72.3	108.5
52	31.6	29.1	43.7



#42
1,2-Dichloroethane
Concen: 1.418 ug/l
RT: 5.793 min Scan# 1385
Delta R.T. -0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:	62	Resp:	4902
Ion	Ratio	Lower	Upper
62	100		
98	5.3	0.0	18.6





#43

Isopropyl Acetate

Concen: 1.161 ug/l

RT: 5.919 min Scan# 1423

Delta R.T. 0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

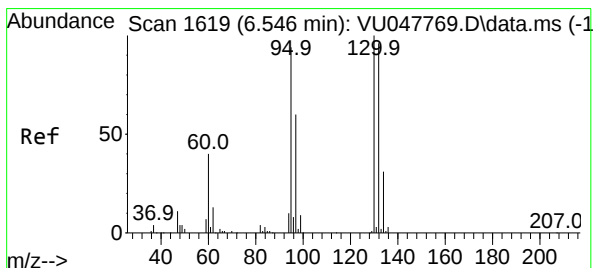
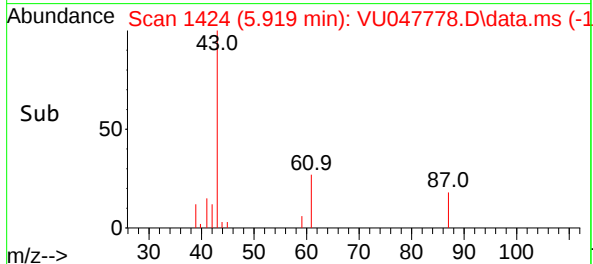
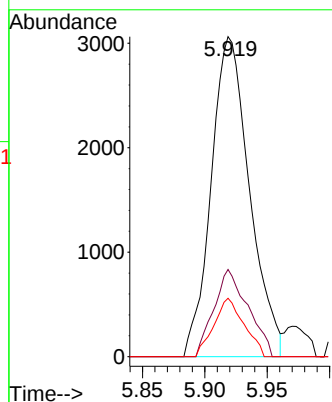
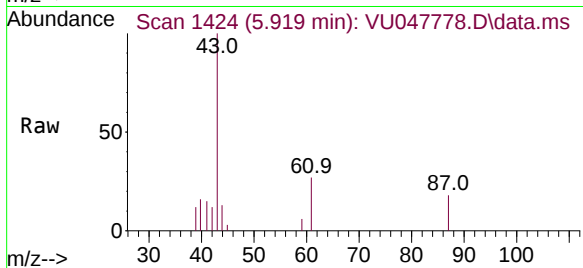
Tgt Ion: 43 Resp: 6554

Ion Ratio Lower Upper

43 100

61 24.3 17.4 26.0

87 14.4 12.6 18.8



#44

Trichloroethene

Concen: 1.309 ug/l

RT: 6.549 min Scan# 1620

Delta R.T. 0.003 min

Lab File: VU047778.D

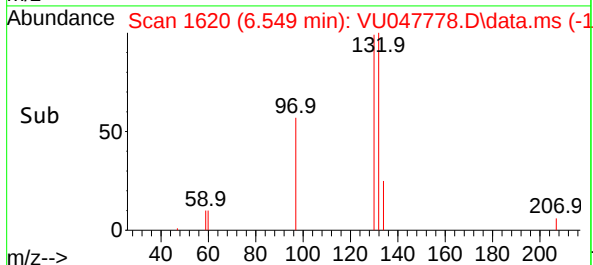
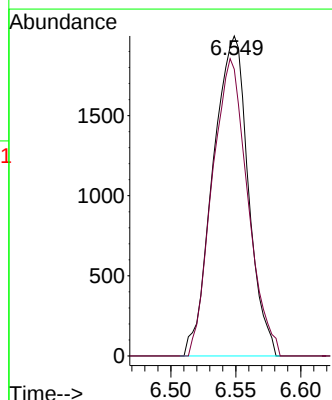
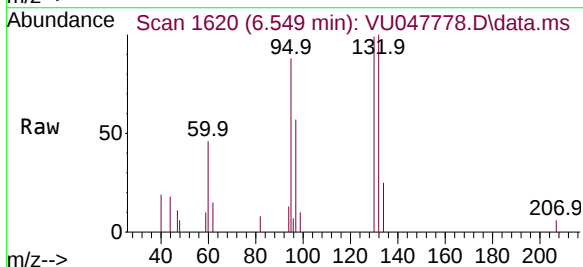
Acq: 31 Mar 2022 17:23

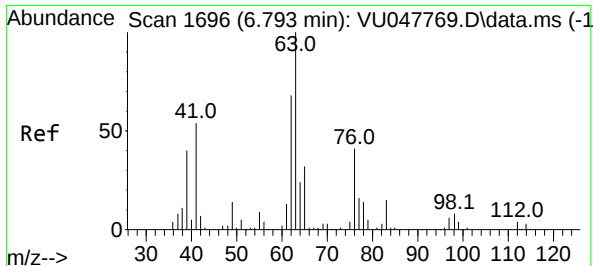
Tgt Ion:130 Resp: 3767

Ion Ratio Lower Upper

130 100

95 89.6 0.0 184.6





#45

1,2-Dichloropropane

Concen: 1.346 ug/l

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

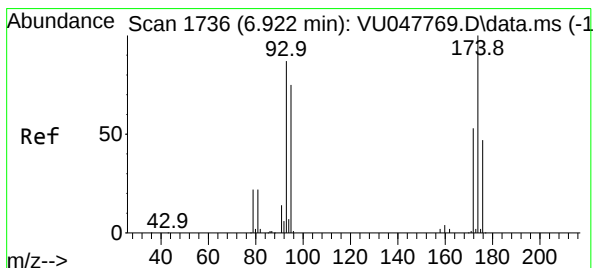
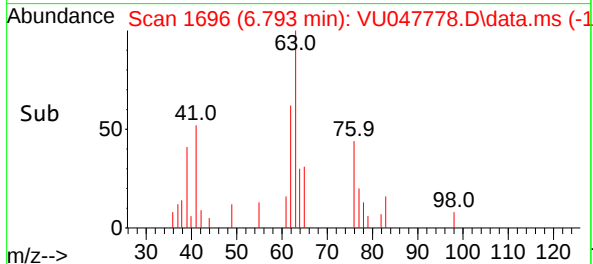
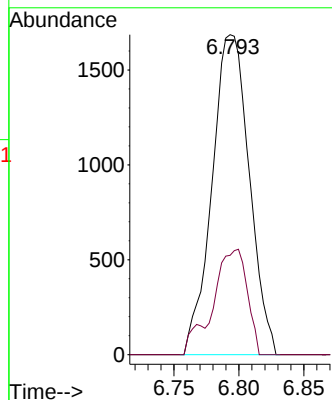
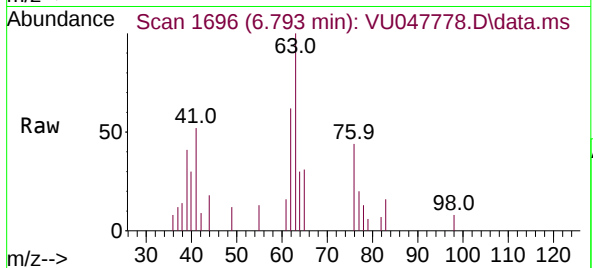
MDL02 2.5ppb

Tgt Ion: 63 Resp: 3364

Ion Ratio Lower Upper

63 100

65 31.0 25.0 37.4



#46

Dibromomethane

Concen: 1.297 ug/l

RT: 6.925 min Scan# 1737

Delta R.T. 0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

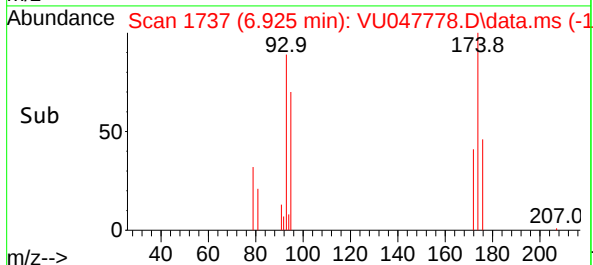
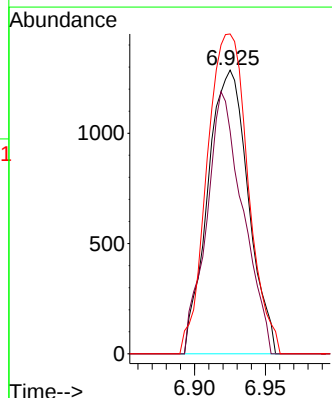
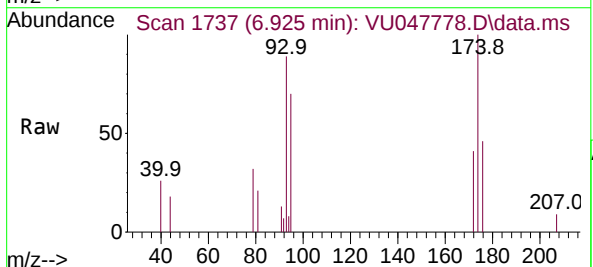
Tgt Ion: 93 Resp: 2561

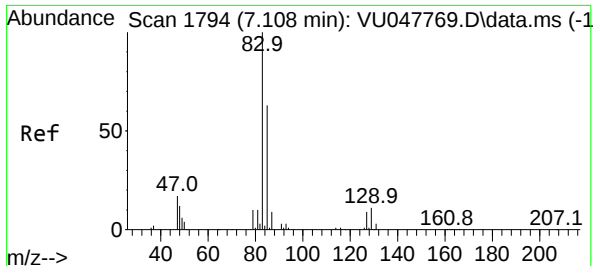
Ion Ratio Lower Upper

93 100

95 82.5 66.3 99.5

174 114.3 88.2 132.4





#47

Bromodichloromethane

Concen: 1.244 ug/l

RT: 7.108 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

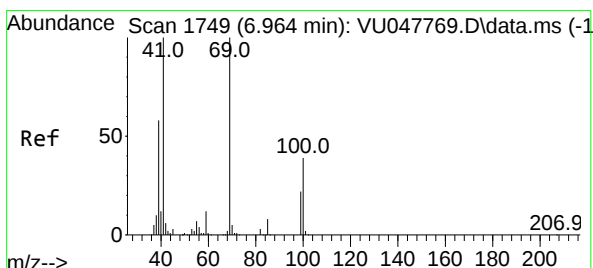
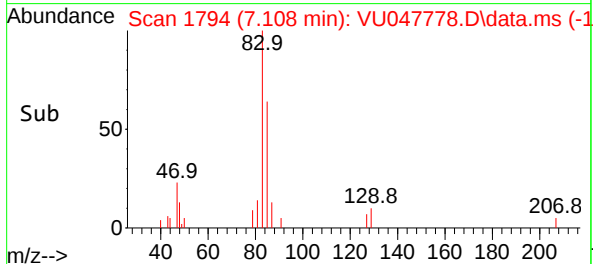
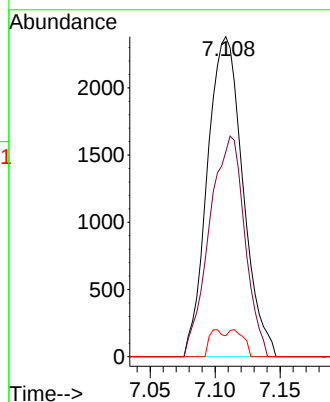
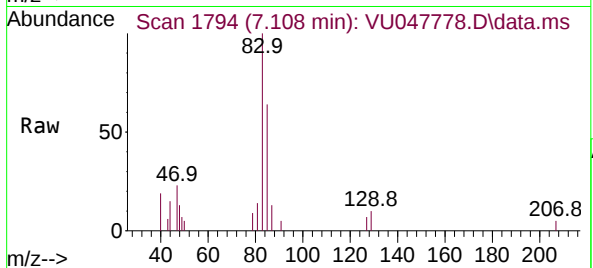
Tgt Ion: 83 Resp: 4520

Ion Ratio Lower Upper

83 100

85 64.0 51.4 77.2

127 6.6 7.1 10.7#



#48

Methyl methacrylate

Concen: 1.183 ug/l

RT: 6.964 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

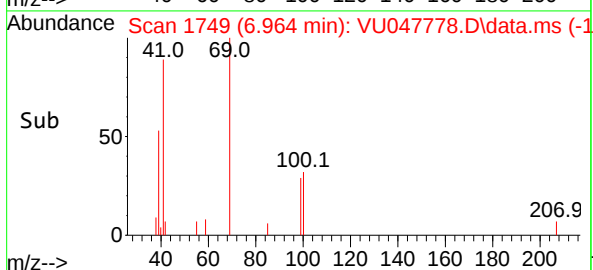
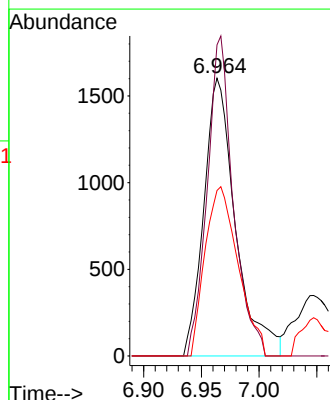
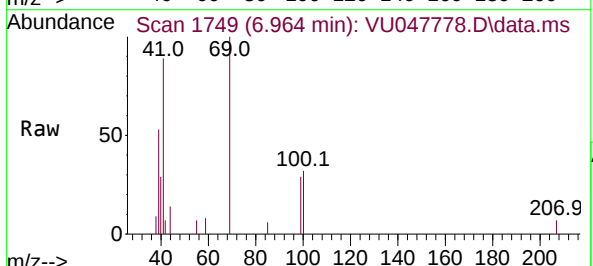
Tgt Ion: 41 Resp: 3058

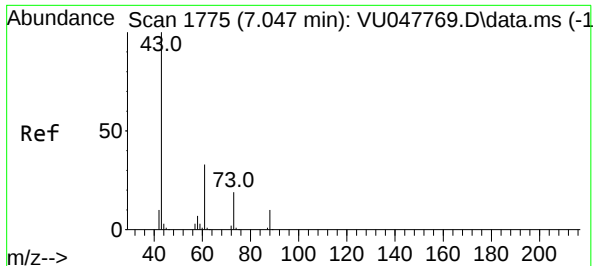
Ion Ratio Lower Upper

41 100

69 94.6 79.8 119.6

39 63.7 47.9 71.9





#49

1,4-Dioxane

Concen: 3.179 ug/l

RT: 7.031 min Scan# 1

Delta R.T. -0.016 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

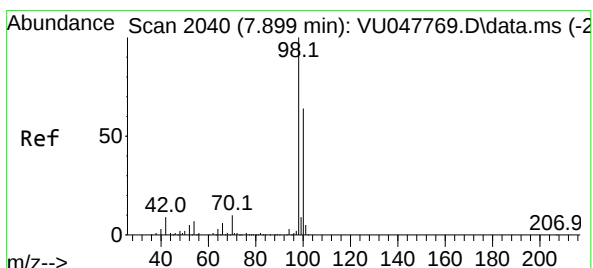
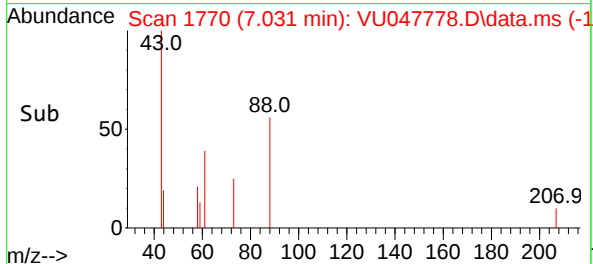
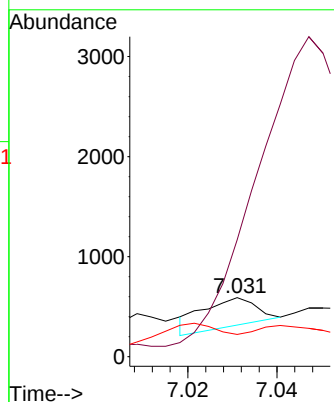
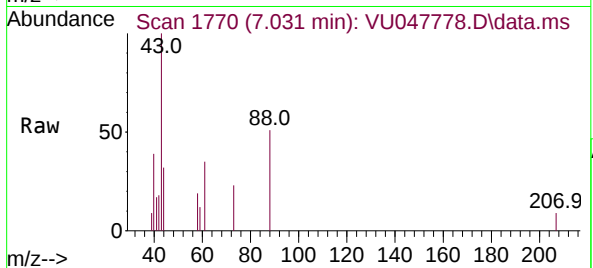
MSVOA_U

ClientSampleId :

MDL02 2.5ppb

Tgt Ion: 88 Resp: 251

Ion	Ratio	Lower	Upper
88	100		
43	2441.8	0.0	0.0#
58	58.6	15.4	23.0#



#50

Toluene-d8

Concen: 43.781 ug/l

RT: 7.899 min Scan# 2040

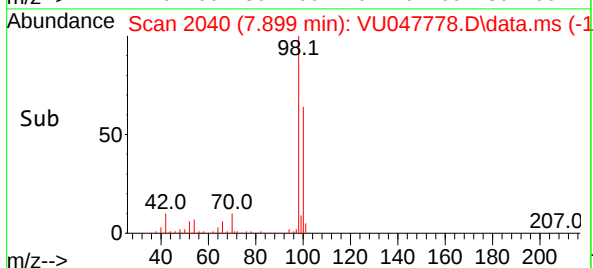
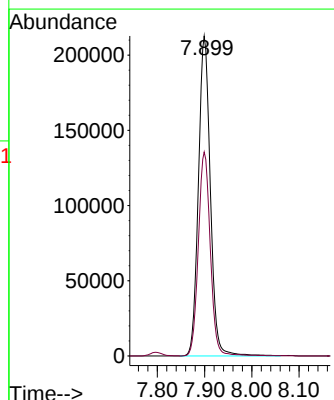
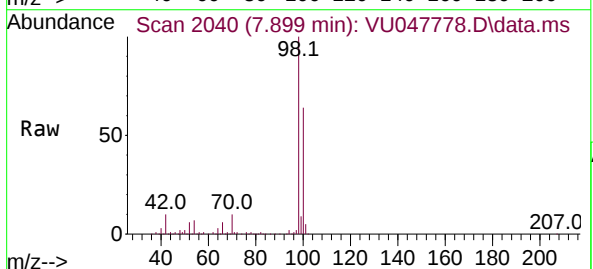
Delta R.T. -0.000 min

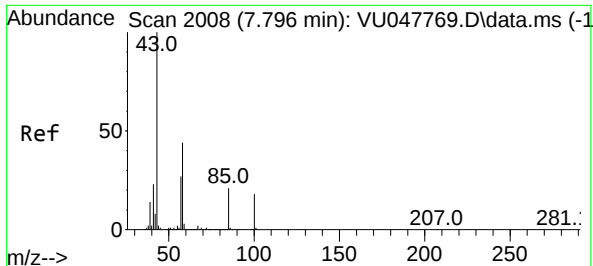
Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Tgt Ion: 98 Resp: 373179

Ion	Ratio	Lower	Upper
98	100		
100	63.8	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 5.970 ug/l

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

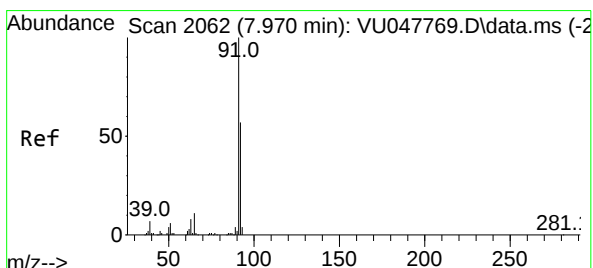
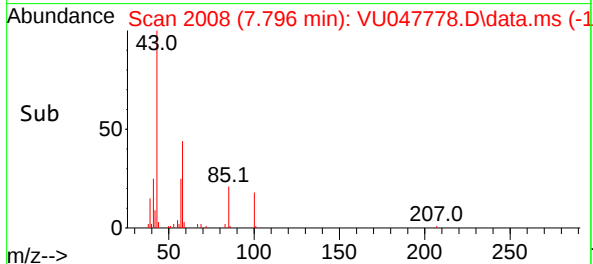
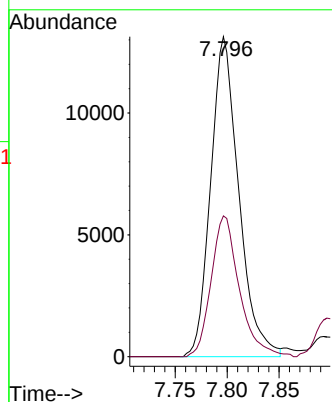
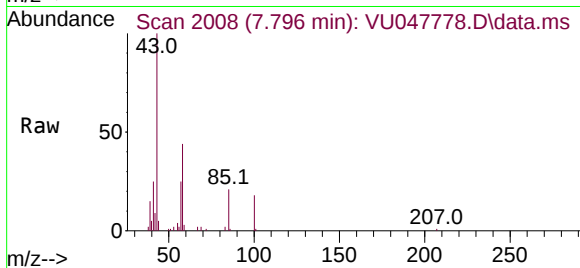
MDL02 2.5ppb

Tgt Ion: 43 Resp: 24670

Ion Ratio Lower Upper

43 100

58 44.2 34.7 52.1



#52

Toluene

Concen: 1.264 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047778.D

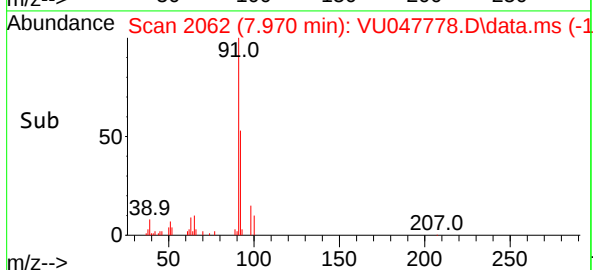
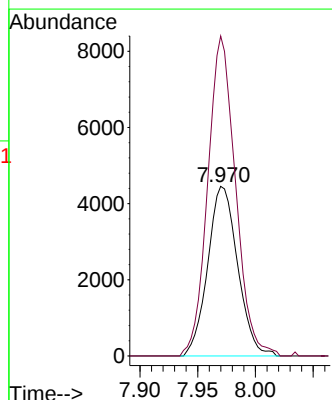
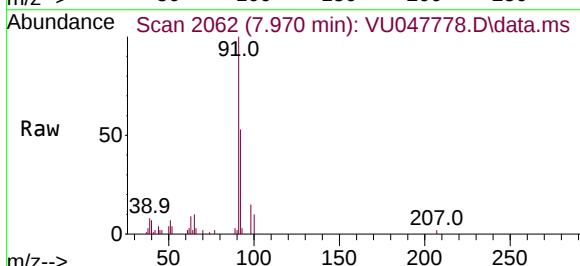
Acq: 31 Mar 2022 17:23

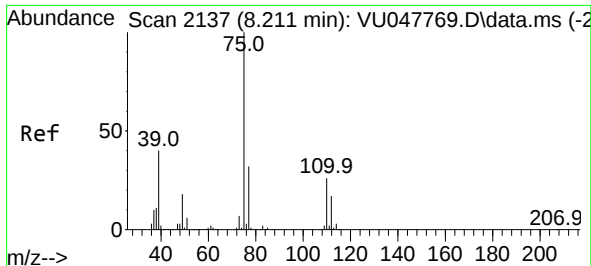
Tgt Ion: 92 Resp: 8028

Ion Ratio Lower Upper

92 100

91 175.1 138.2 207.4





#53

t-1,3-Dichloropropene

Concen: 1.232 ug/l

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

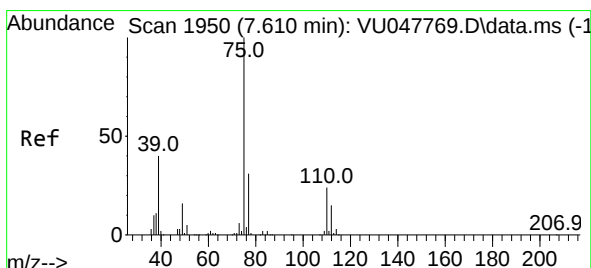
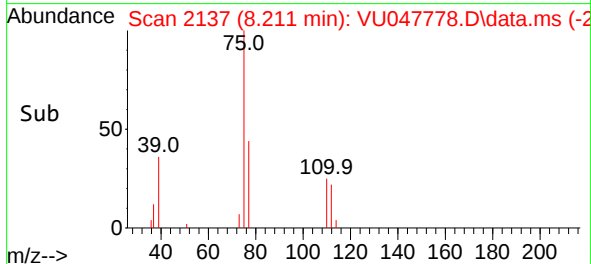
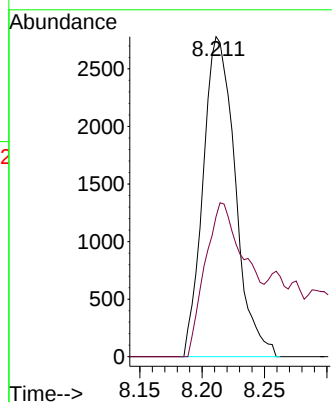
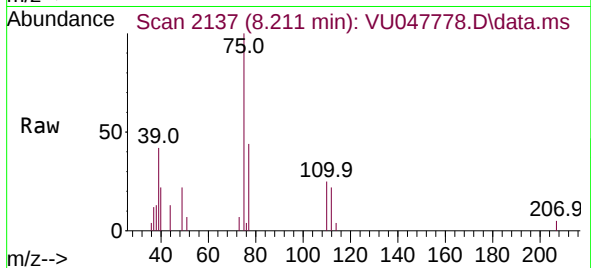
MDL02 2.5ppb

Tgt Ion: 75 Resp: 4989

Ion Ratio Lower Upper

75 100

77 43.7 25.4 38.0#



#54

cis-1,3-Dichloropropene

Concen: 1.164 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

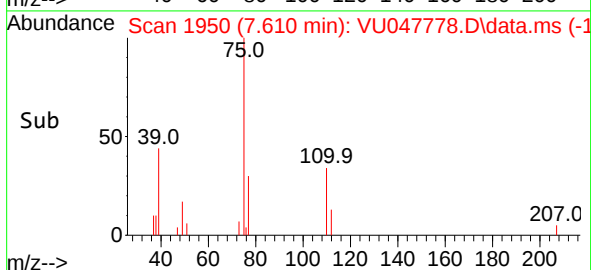
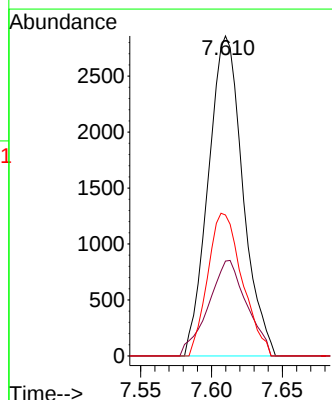
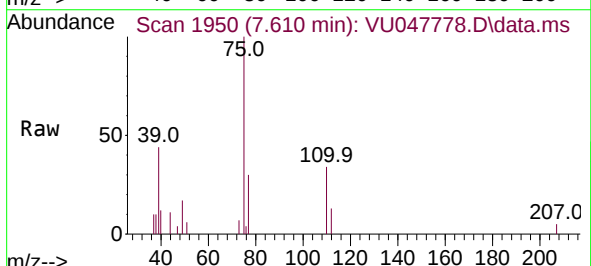
Tgt Ion: 75 Resp: 4842

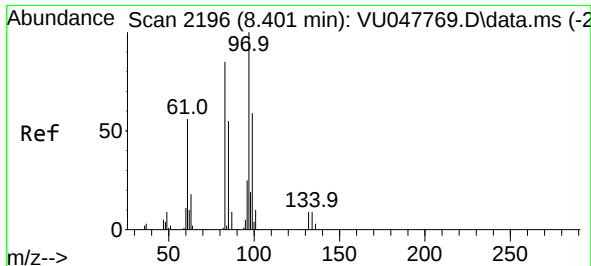
Ion Ratio Lower Upper

75 100

77 29.6 25.7 38.5

39 44.0 33.0 49.6

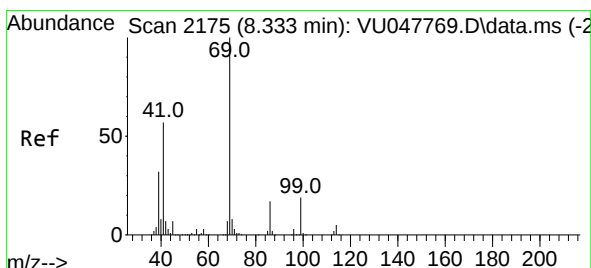
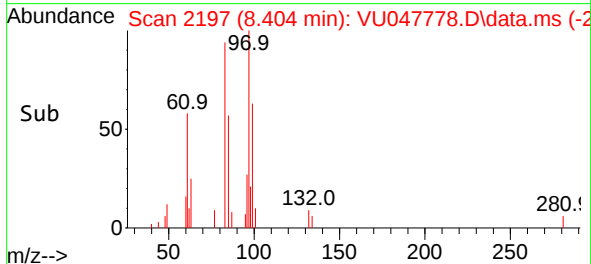
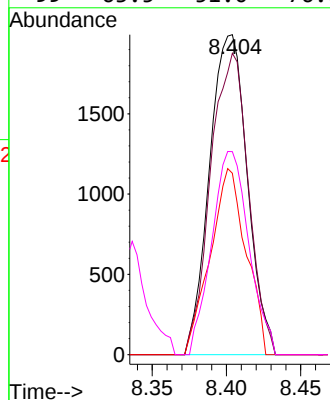
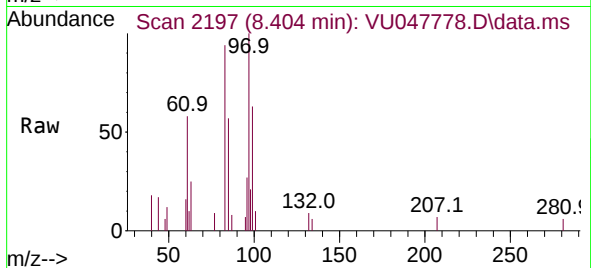




#55
1,1,2-Trichloroethane
Concen: 1.302 ug/l
RT: 8.404 min Scan# 2196
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

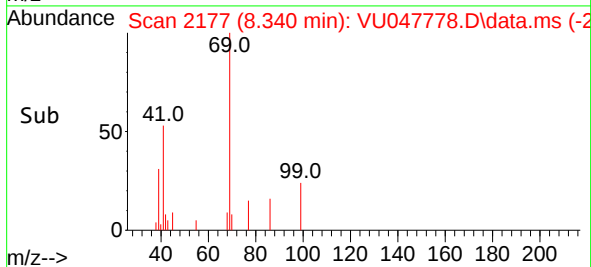
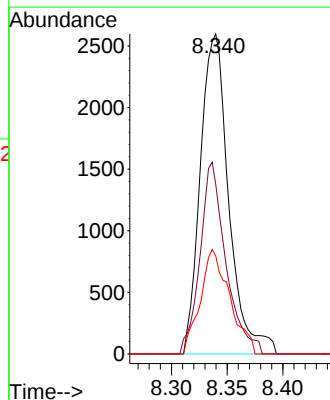
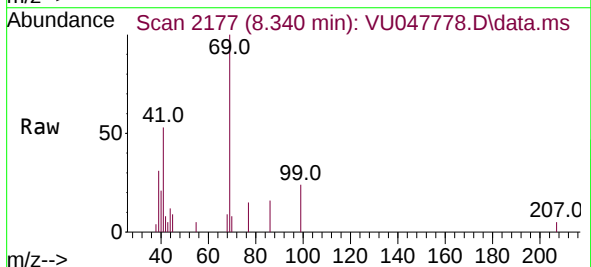
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

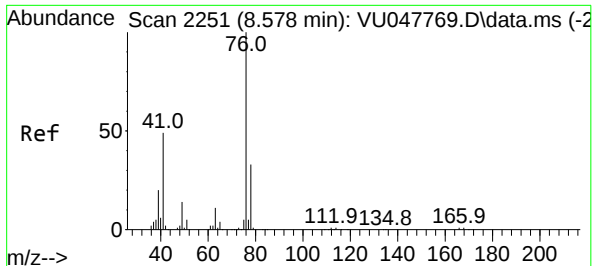
Tgt Ion:	97	Resp:	3537
Ion	Ratio	Lower	Upper
97	100		
83	94.2	70.2	105.4
85	56.7	44.6	66.8
99	63.5	51.0	76.6



#56
Ethyl methacrylate
Concen: 1.183 ug/l
RT: 8.340 min Scan# 2177
Delta R.T. 0.006 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:	69	Resp:	4612
Ion	Ratio	Lower	Upper
69	100		
41	54.5	45.4	68.0
39	33.8	25.7	38.5





#57

1,3-Dichloropropane

Concen: 1.257 ug/l

RT: 8.578 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

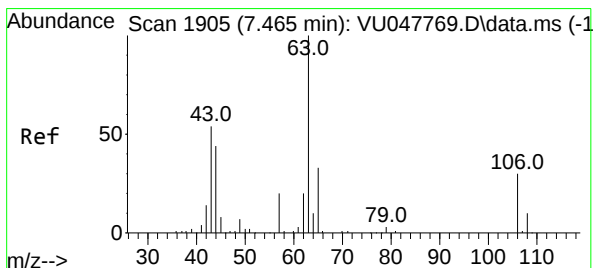
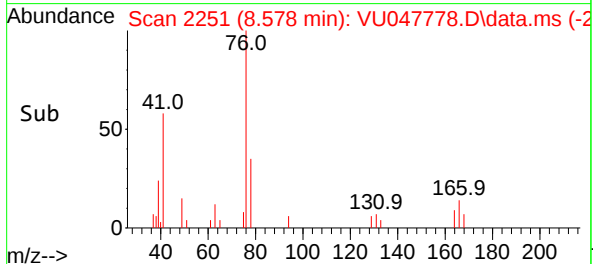
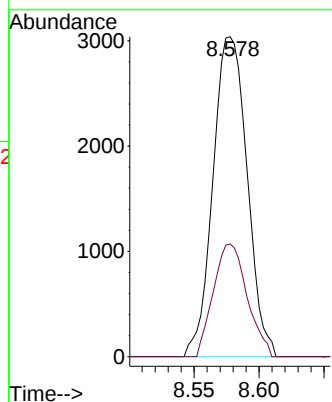
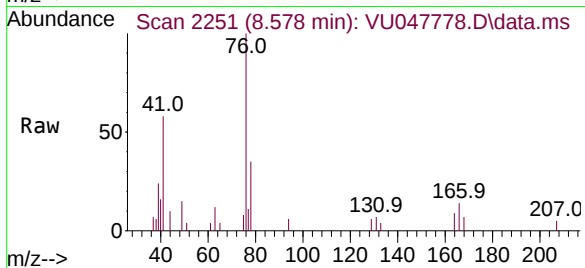
MDL02 2.5ppb

Tgt Ion: 76 Resp: 5556

Ion Ratio Lower Upper

76 100

78 34.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 2.690 ug/l

RT: 7.468 min Scan# 1906

Delta R.T. 0.003 min

Lab File: VU047778.D

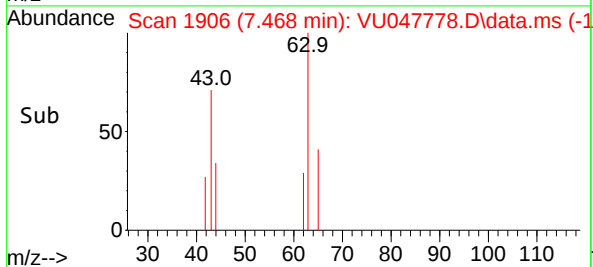
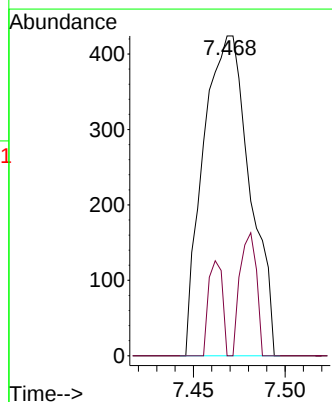
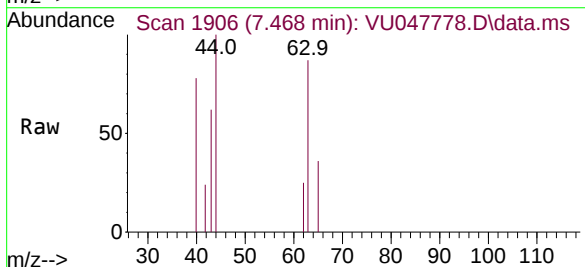
Acq: 31 Mar 2022 17:23

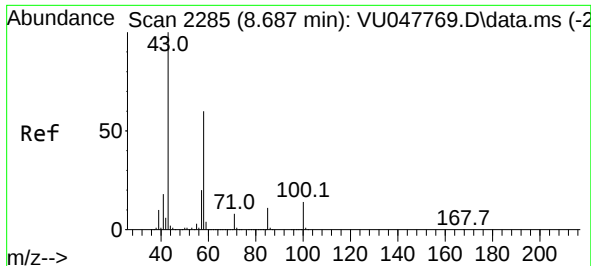
Tgt Ion: 63 Resp: 748

Ion Ratio Lower Upper

63 100

106 8.8 23.1 34.7#





#59

2-Hexanone

Concen: 6.280 ug/l

RT: 8.690 min Scan# 21282

Delta R.T. 0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

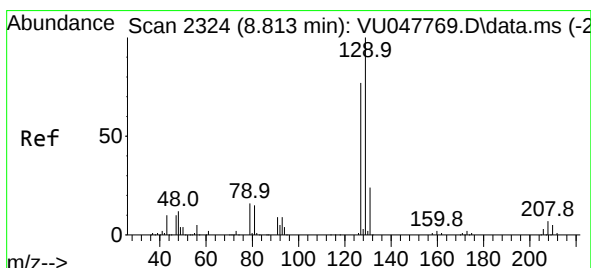
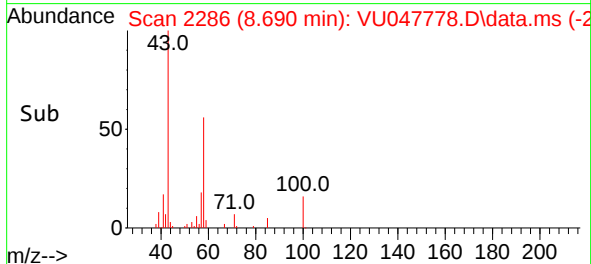
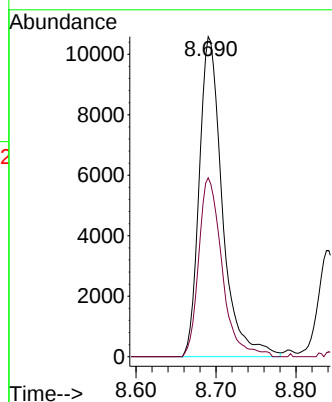
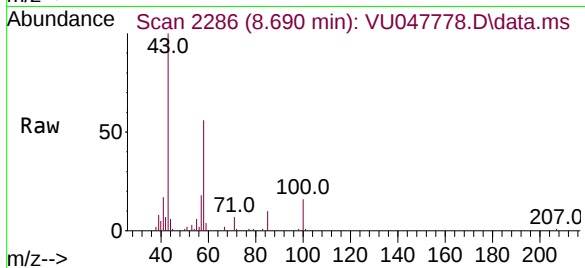
MDL02 2.5ppb

Tgt Ion: 43 Resp: 21282

Ion Ratio Lower Upper

43 100

58 56.5 30.3 90.8



#60

Dibromochloromethane

Concen: 1.189 ug/l

RT: 8.809 min Scan# 2323

Delta R.T. -0.003 min

Lab File: VU047778.D

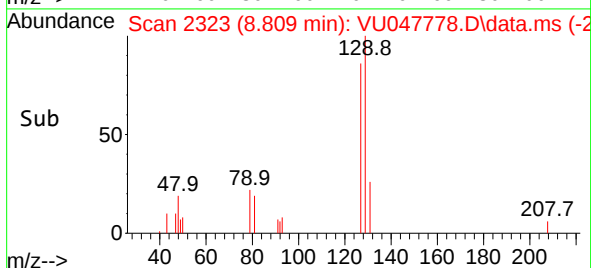
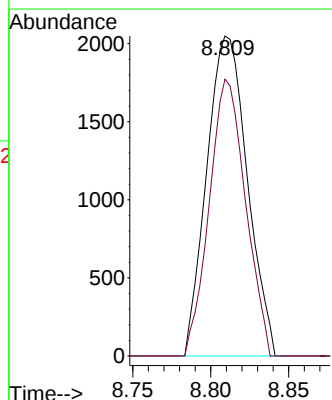
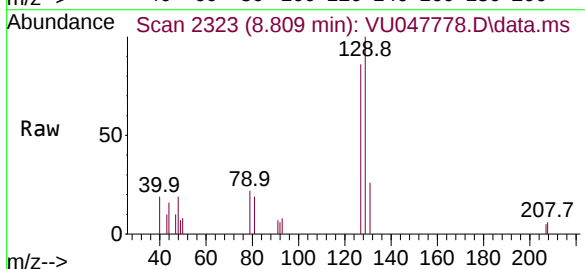
Acq: 31 Mar 2022 17:23

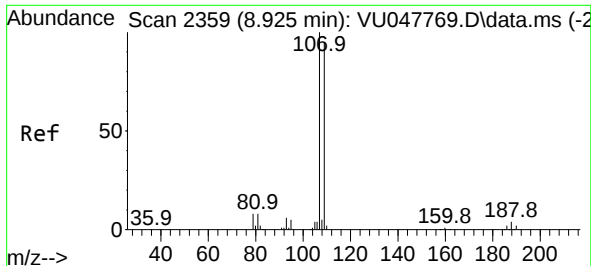
Tgt Ion: 129 Resp: 3709

Ion Ratio Lower Upper

129 100

127 77.3 38.6 116.0

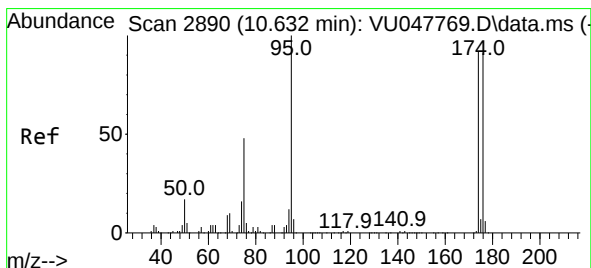
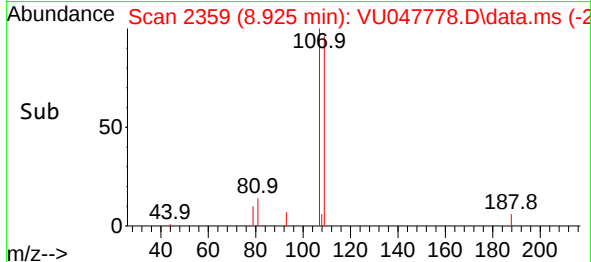
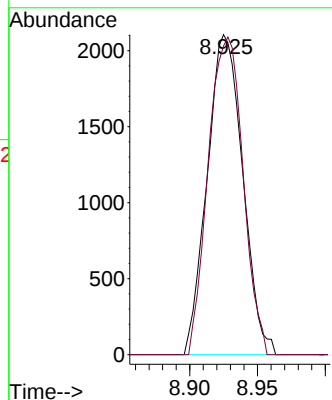
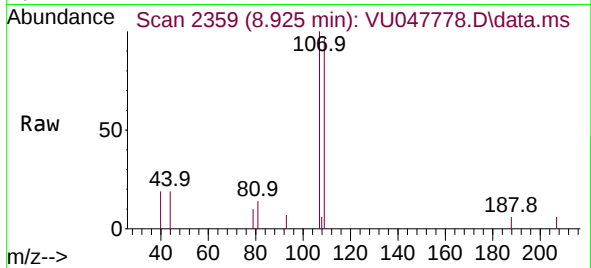




#61
1,2-Dibromoethane
Concen: 1.244 ug/l
RT: 8.925 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

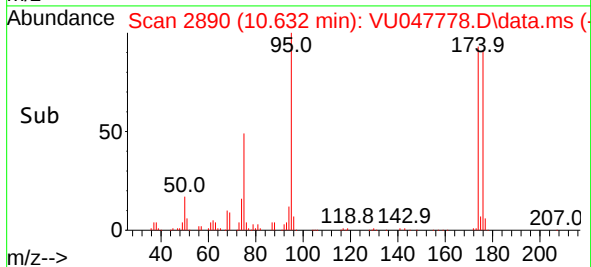
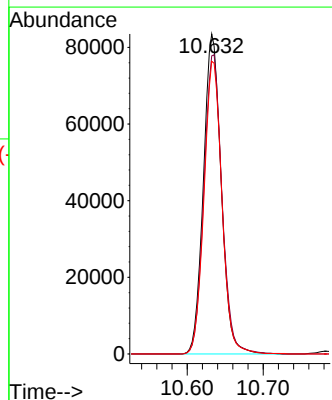
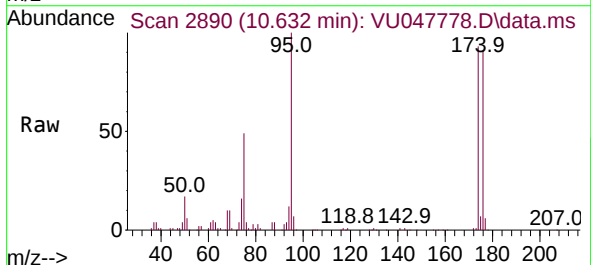
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

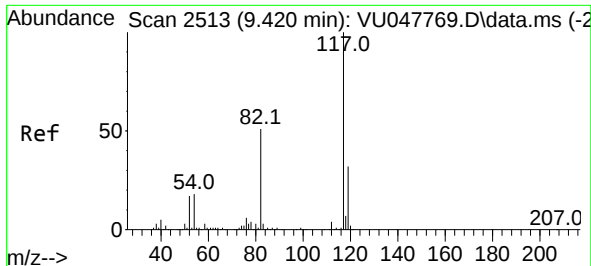
Tgt Ion:107 Resp: 3835
Ion Ratio Lower Upper
107 100
109 97.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 40.812 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 95 Resp: 135478
Ion Ratio Lower Upper
95 100
174 95.6 0.0 182.0
176 92.0 0.0 177.8

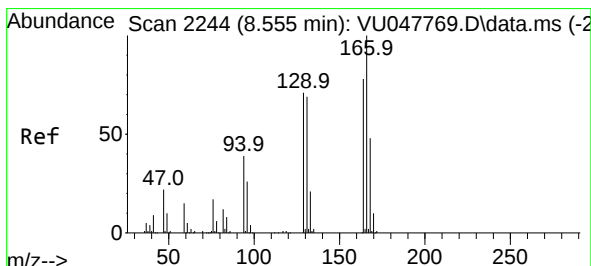
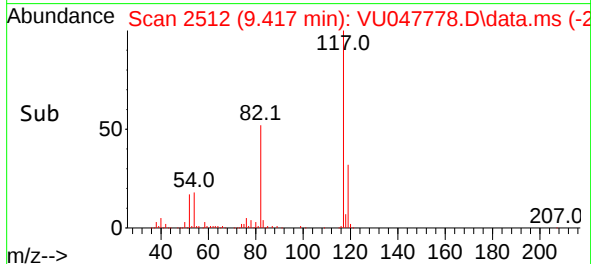
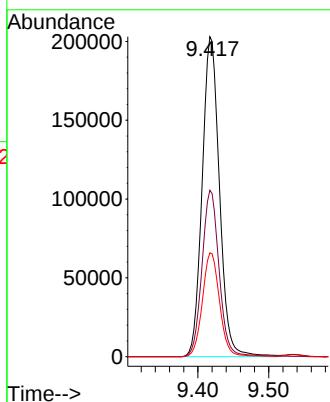
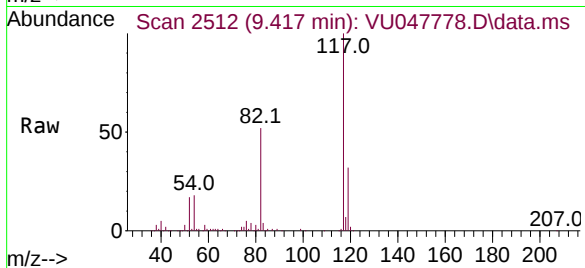




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

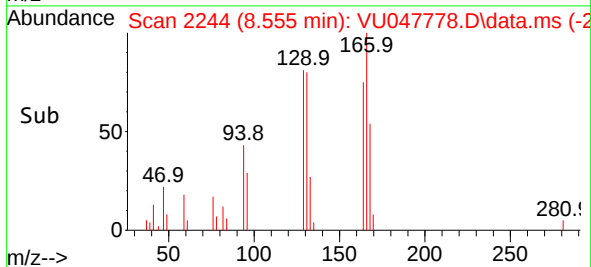
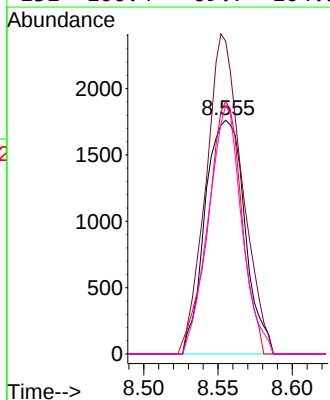
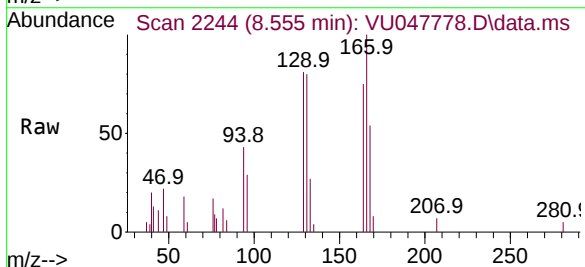
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

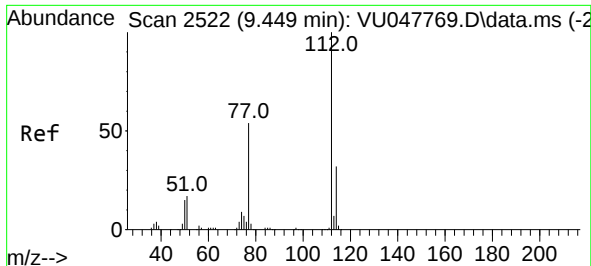
Tgt Ion:117 Resp: 344329
Ion Ratio Lower Upper
117 100
82 52.0 41.7 62.5
119 32.4 25.7 38.5



#64
Tetrachloroethene
Concen: 1.283 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:164 Resp: 3268
Ion Ratio Lower Upper
164 100
166 133.8 100.0 150.0
129 108.2 72.0 108.0#
131 106.4 69.7 104.5#

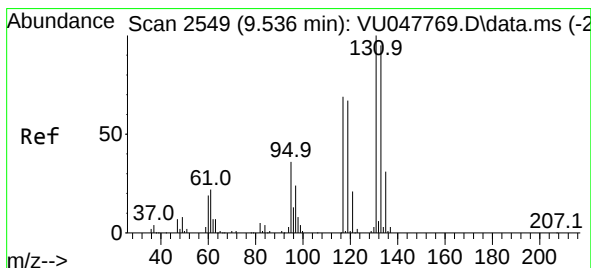
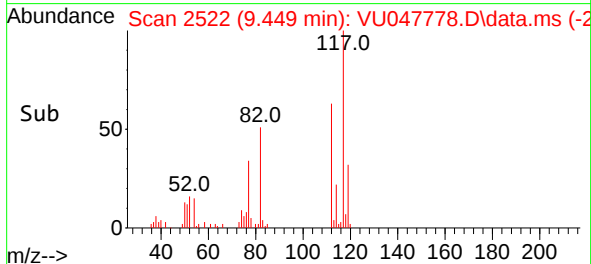
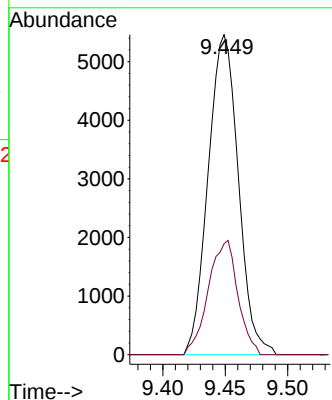
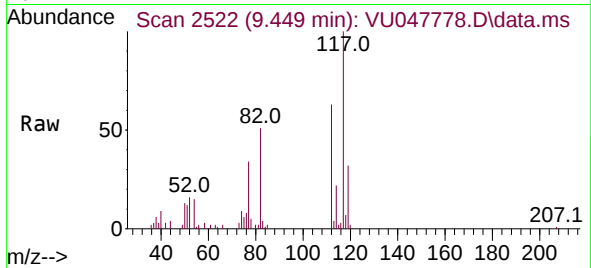




#65
Chlorobenzene
Concen: 1.257 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

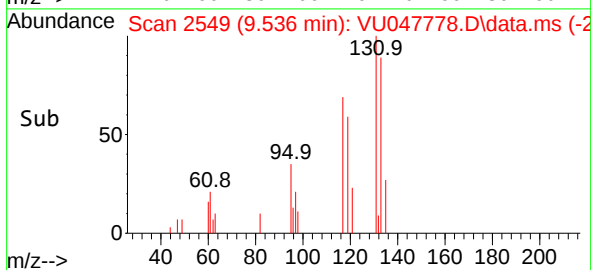
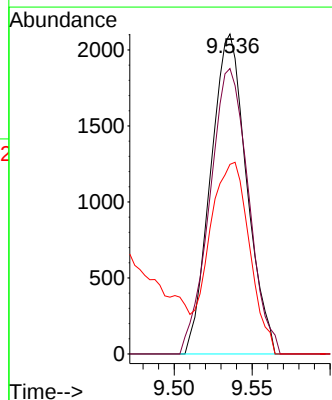
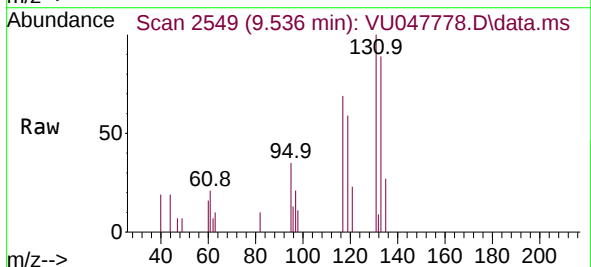
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

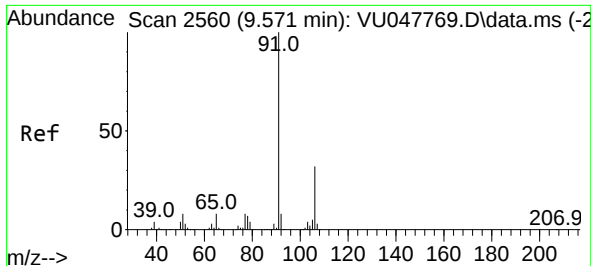
Tgt Ion:112 Resp: 9227
Ion Ratio Lower Upper
112 100
114 34.6 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 1.250 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:131 Resp: 3380
Ion Ratio Lower Upper
131 100
133 96.0 48.4 145.0
119 0.0 33.9 101.6#

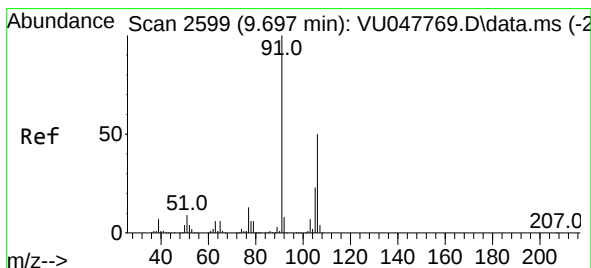
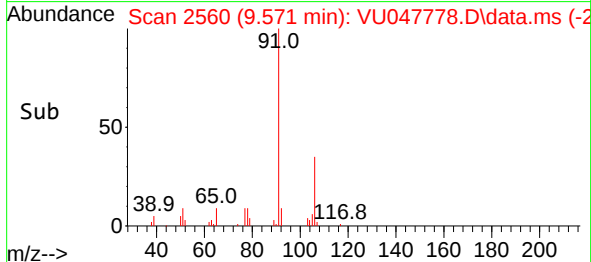
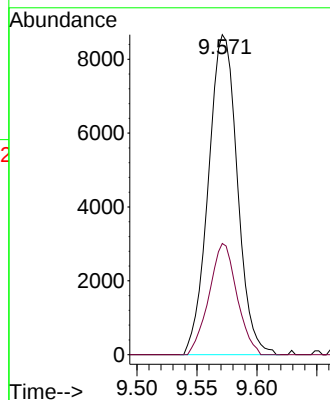
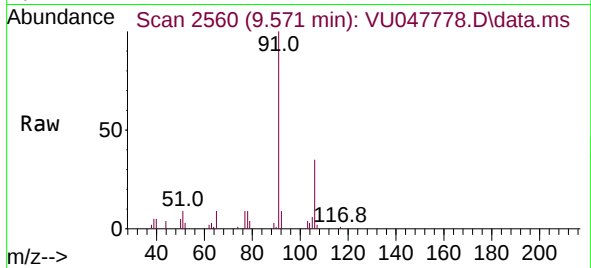




#67
Ethyl Benzene
Concen: 1.211 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

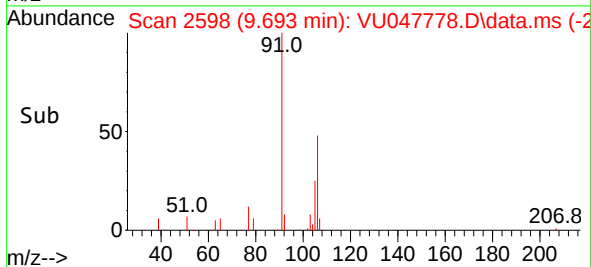
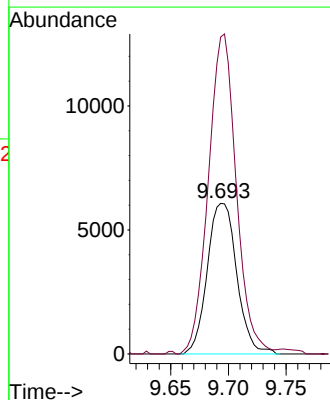
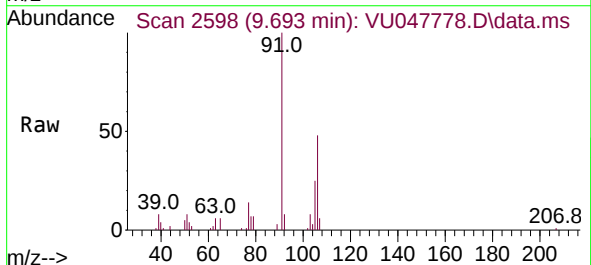
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

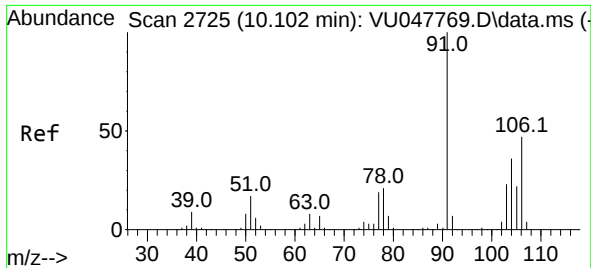
Tgt Ion: 91 Resp: 14555
Ion Ratio Lower Upper
91 100
106 34.8 25.6 38.4



#68
m/p-Xylenes
Concen: 2.283 ug/l
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 106 Resp: 10793
Ion Ratio Lower Upper
106 100
91 201.5 157.2 235.8

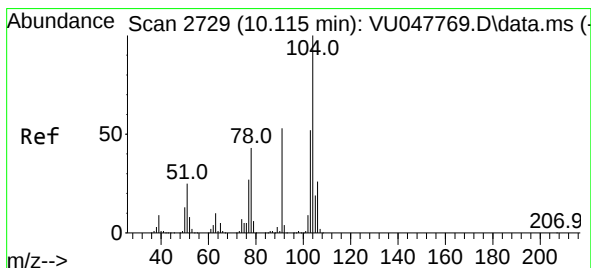
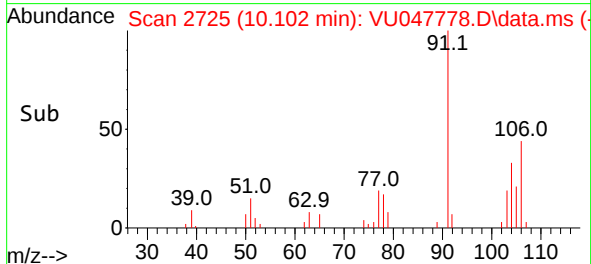
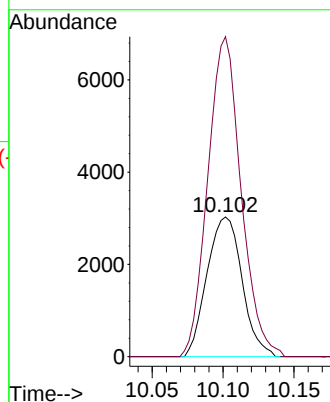
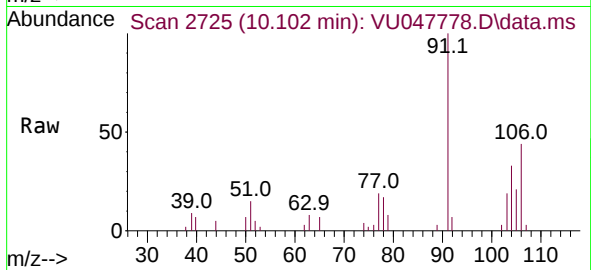




#69
o-Xylene
Concen: 1.151 ug/l
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

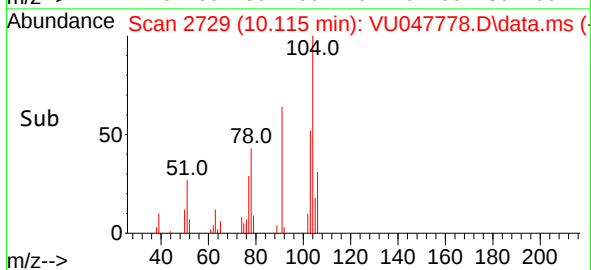
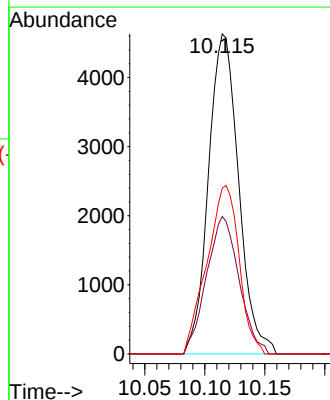
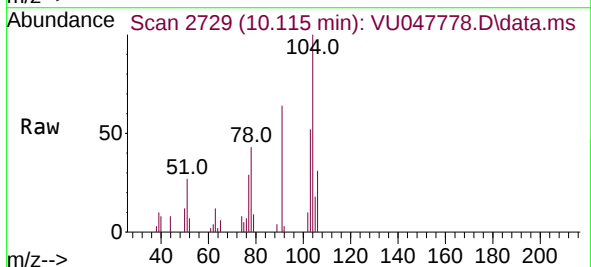
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

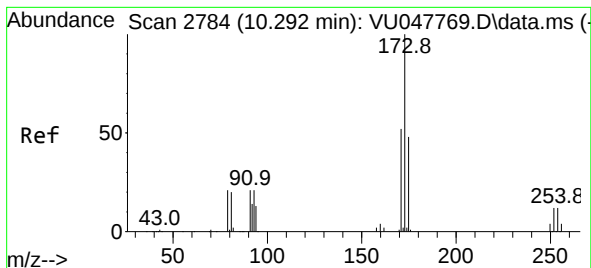
Tgt Ion:106 Resp: 5213
Ion Ratio Lower Upper
106 100
91 217.0 103.5 310.5



#70
Styrene
Concen: 1.077 ug/l
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:104 Resp: 8098
Ion Ratio Lower Upper
104 100
78 46.3 38.0 57.0
103 56.1 43.9 65.9





#71

Bromoform

Concen: 1.179 ug/l

RT: 10.291 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

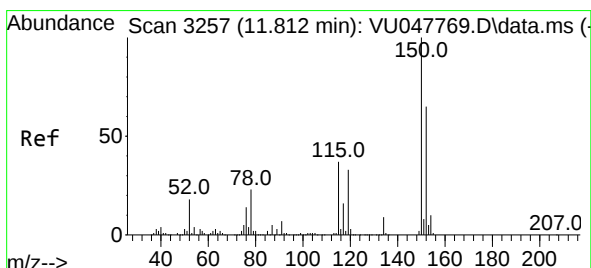
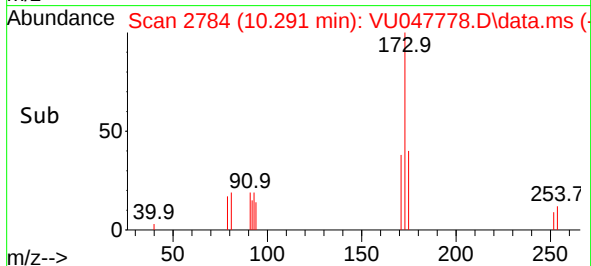
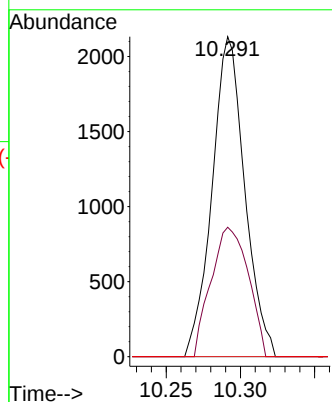
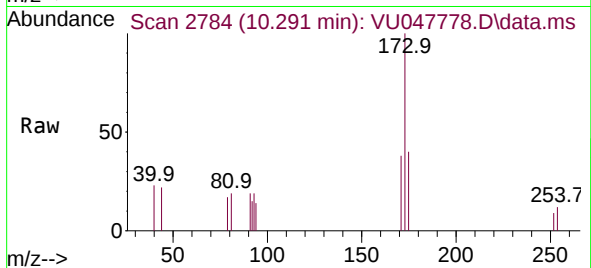
Tgt Ion:173 Resp: 3258

Ion Ratio Lower Upper

173 100

175 46.2 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: VU047778.D

Acq: 31 Mar 2022 17:23

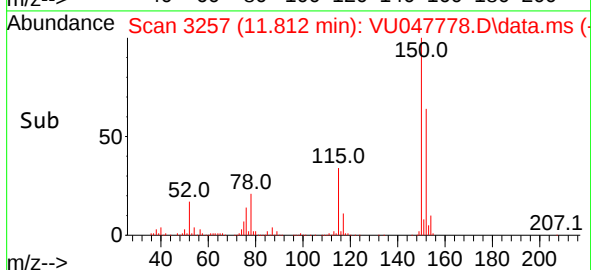
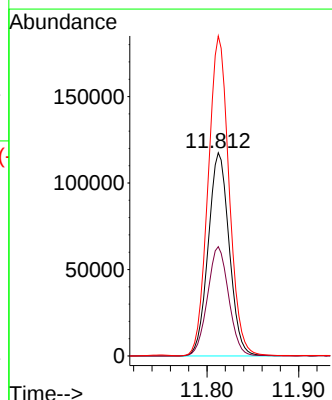
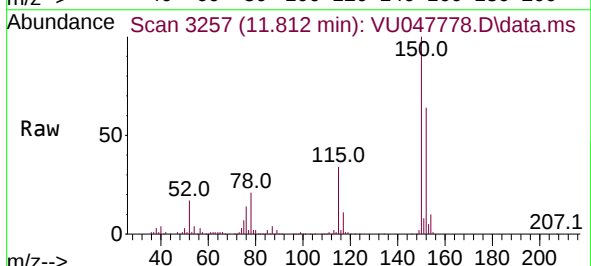
Tgt Ion:152 Resp: 186950

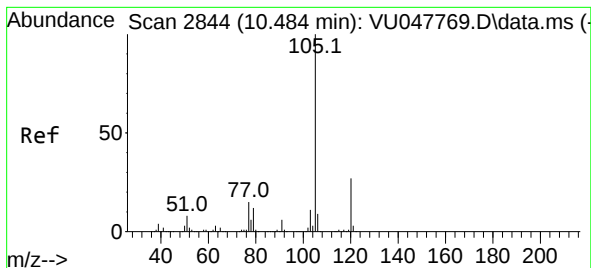
Ion Ratio Lower Upper

152 100

115 54.4 37.0 110.9

150 156.8 0.0 342.2





#73

Isopropylbenzene

Concen: 1.186 ug/l

RT: 10.484 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

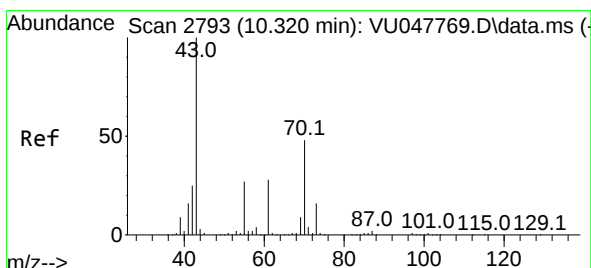
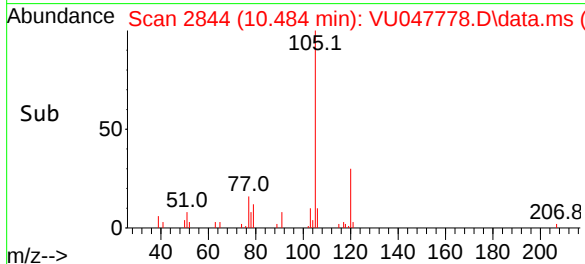
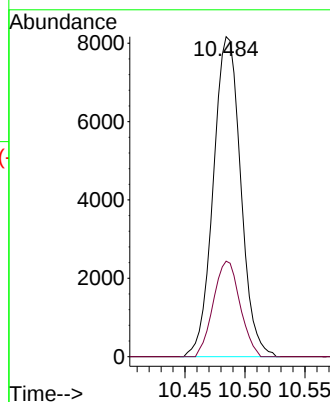
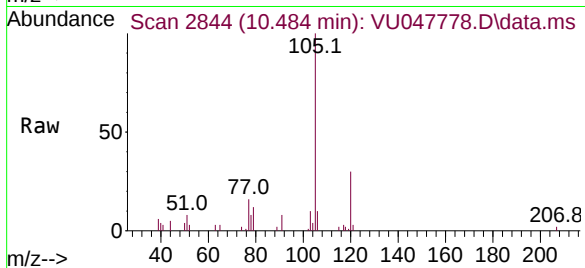
MDL02 2.5ppb

Tgt Ion:105 Resp: 12965

Ion Ratio Lower Upper

105 100

120 28.9 13.8 41.4



#74

N-ethyl acetate

Concen: 1.134 ug/l

RT: 10.327 min Scan# 2795

Delta R.T. 0.006 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Tgt Ion: 43 Resp: 4901

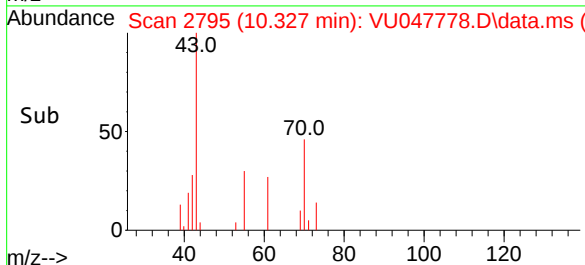
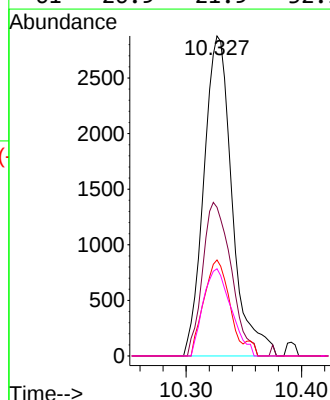
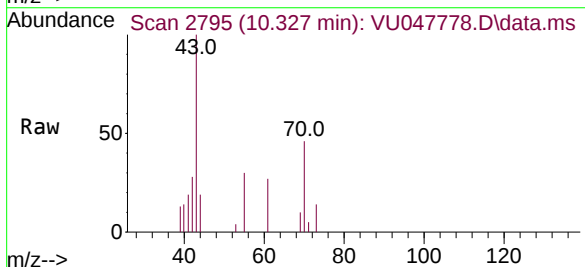
Ion Ratio Lower Upper

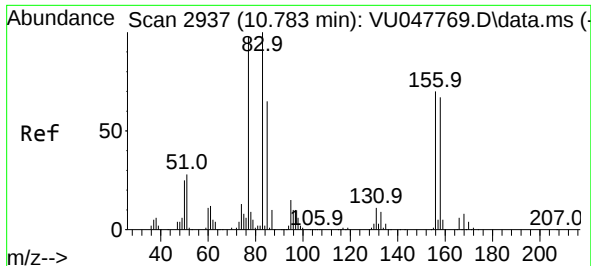
43 100

70 48.2 38.7 58.1

55 26.8 21.8 32.8

61 26.9 21.9 32.9

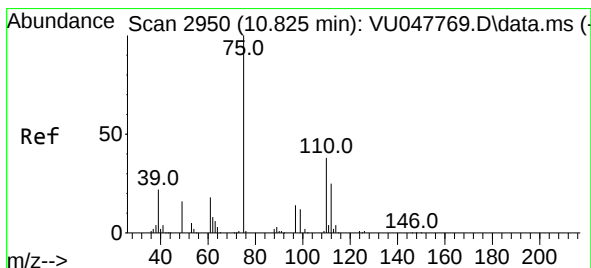
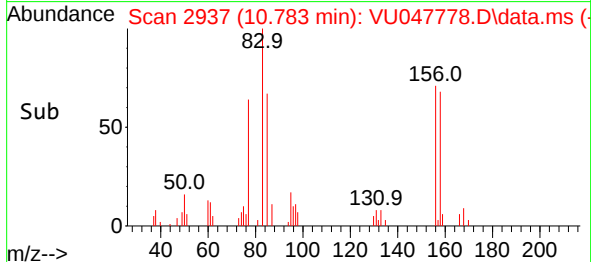
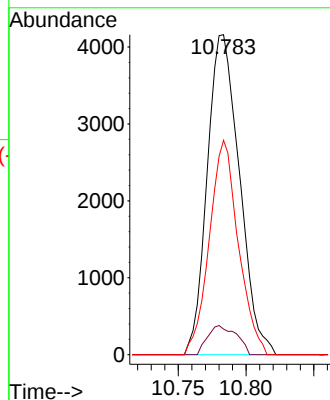
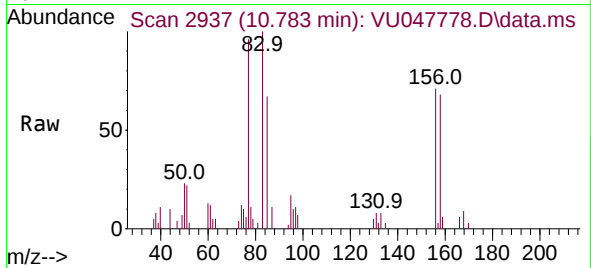




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.507 ug/l
 RT: 10.783 min Scan# 2937
 Delta R.T. -0.000 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

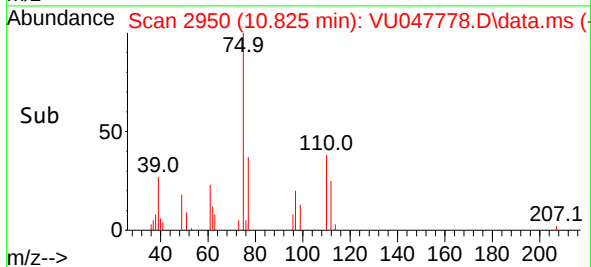
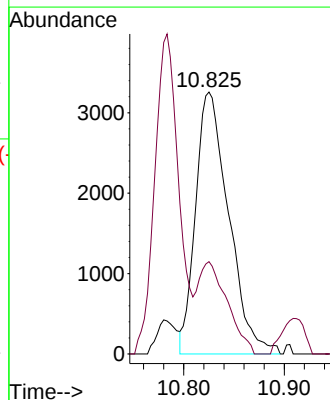
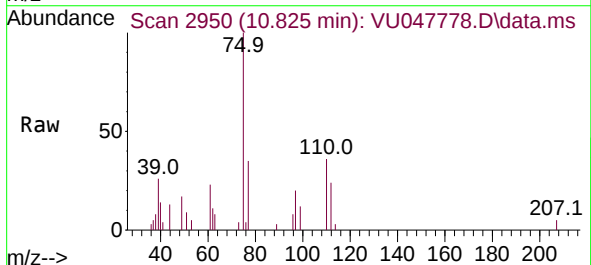
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 2.5ppb

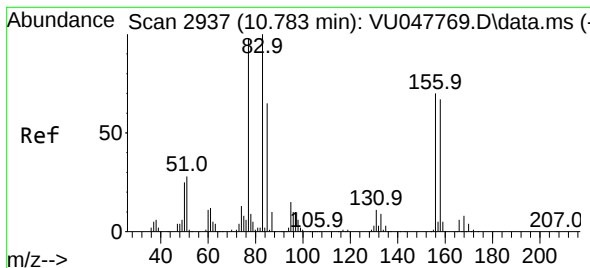
Tgt Ion: 83 Resp: 6880
 Ion Ratio Lower Upper
 83 100
 131 8.1 5.1 15.4
 85 60.3 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 1.423 ug/l
 RT: 10.825 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: VU047778.D
 Acq: 31 Mar 2022 17:23

Tgt Ion: 75 Resp: 7445
 Ion Ratio Lower Upper
 75 100
 77 31.2 15.8 47.3





#77

Bromobenzene

Concen: 1.422 ug/l

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

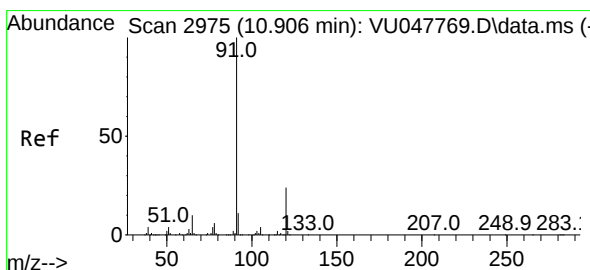
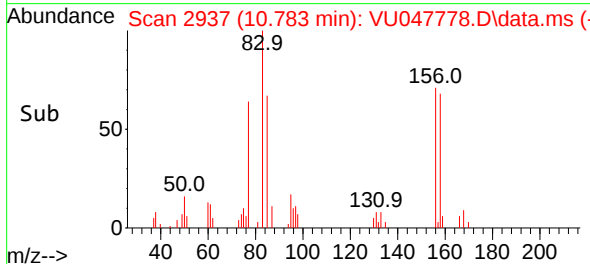
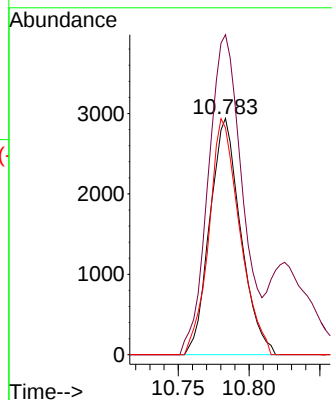
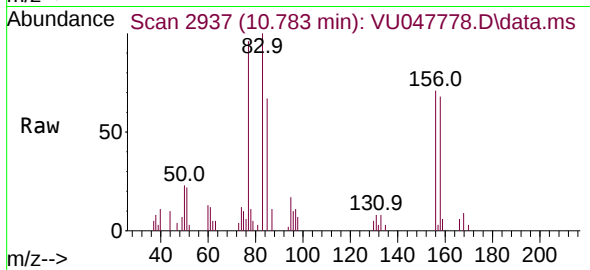
Tgt Ion:156 Resp: 4468

Ion Ratio Lower Upper

156 100

77 148.3 71.9 215.6

158 99.6 48.9 146.8



#78

n-propylbenzene

Concen: 1.263 ug/l

RT: 10.906 min Scan# 2975

Delta R.T. -0.000 min

Lab File: VU047778.D

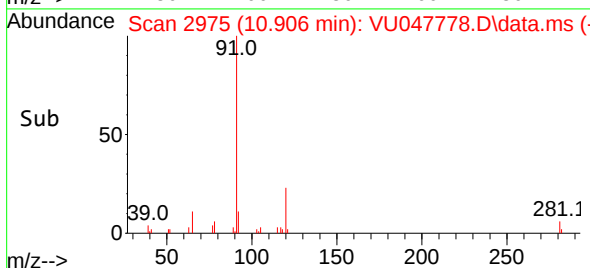
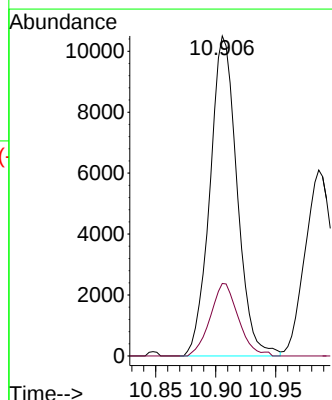
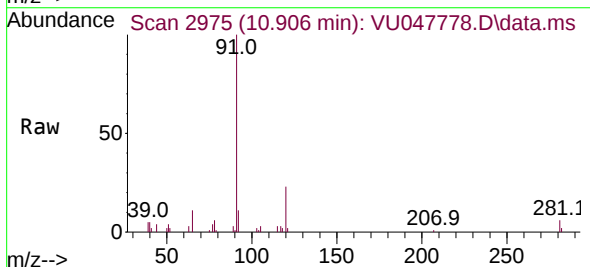
Acq: 31 Mar 2022 17:23

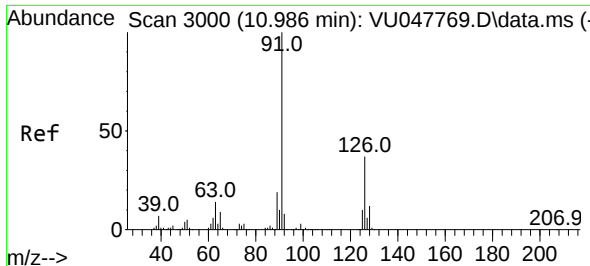
Tgt Ion: 91 Resp: 16492

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.5

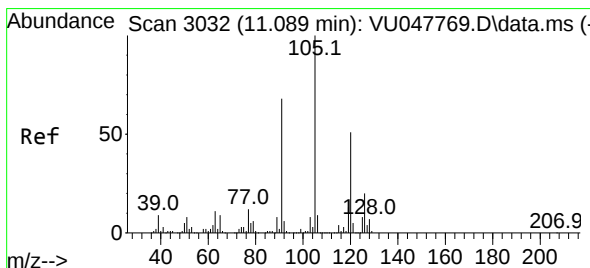
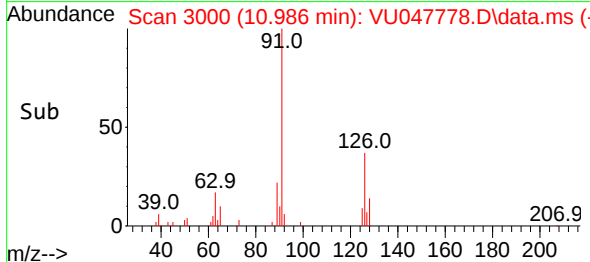
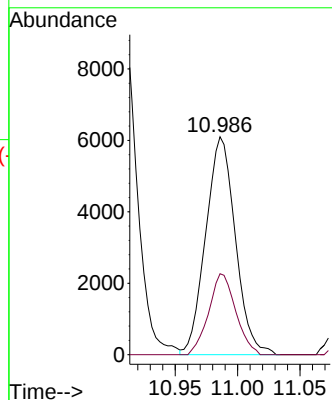
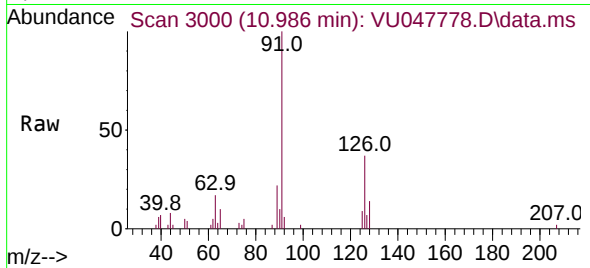




#79
2-Chlorotoluene
Concen: 1.287 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

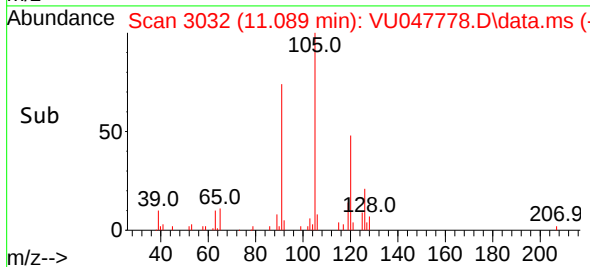
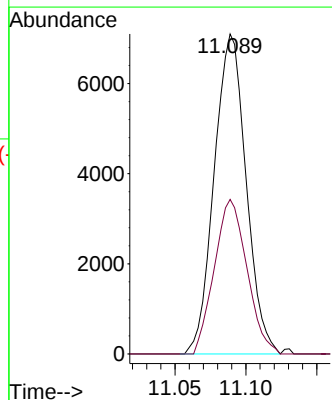
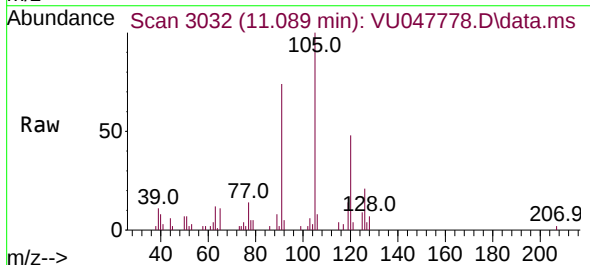
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

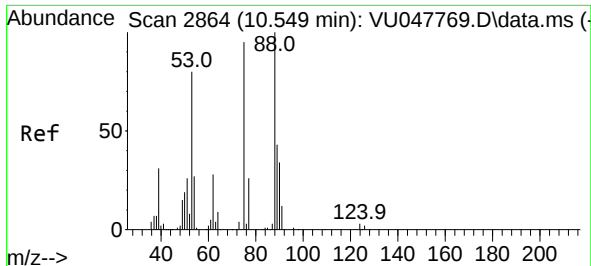
Tgt Ion: 91 Resp: 10104
Ion Ratio Lower Upper
91 100
126 33.8 18.4 55.0



#80
1,3,5-Trimethylbenzene
Concen: 1.205 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 105 Resp: 11108
Ion Ratio Lower Upper
105 100
120 49.4 25.3 75.9

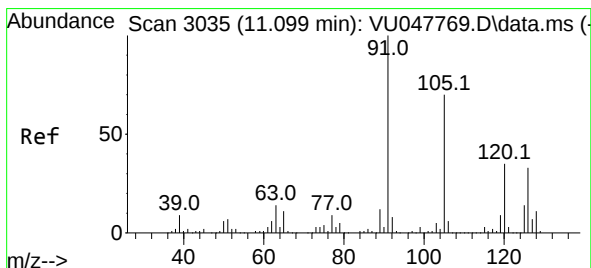
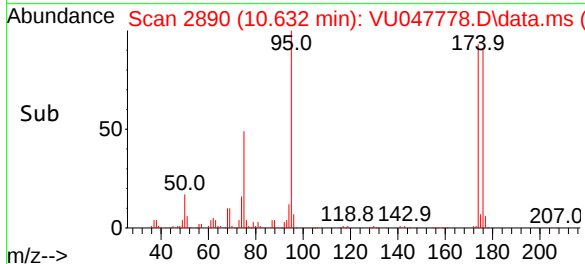
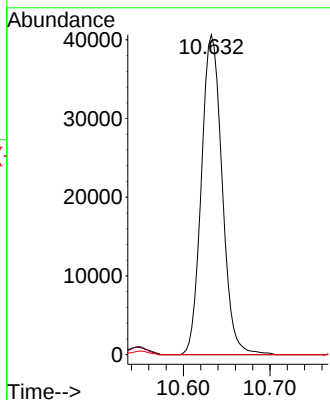
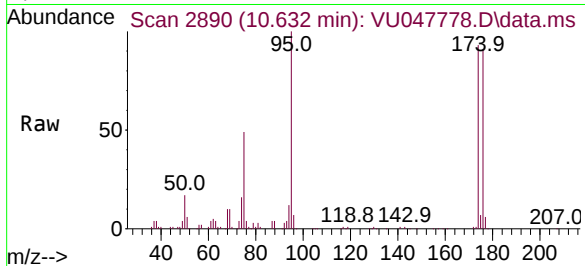




#81
trans-1,4-Dichloro-2-butene
Concen: 46.042 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. 0.083 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

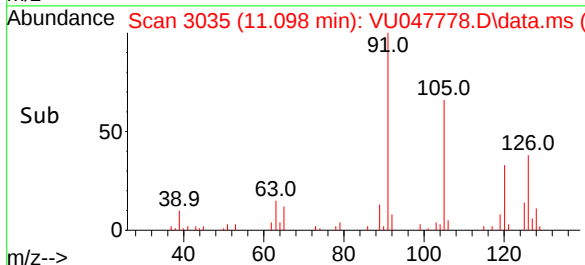
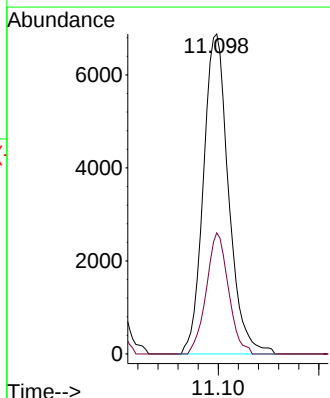
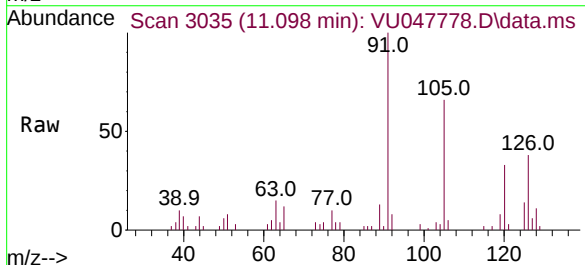
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

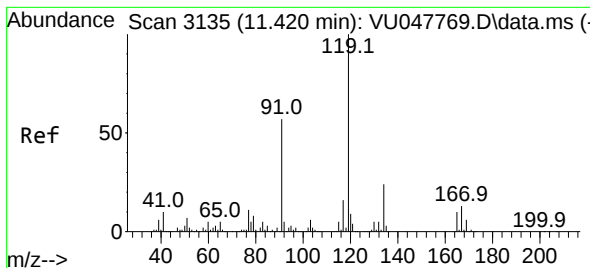
Tgt Ion: 75 Resp: 67696
Ion Ratio Lower Upper
75 100
53 0.0 69.2 103.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 1.312 ug/l
RT: 11.098 min Scan# 3035
Delta R.T. -0.000 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 91 Resp: 11960
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2





#83

tert-Butylbenzene

Concen: 1.233 ug/l

RT: 11.420 min Scan# 3135

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

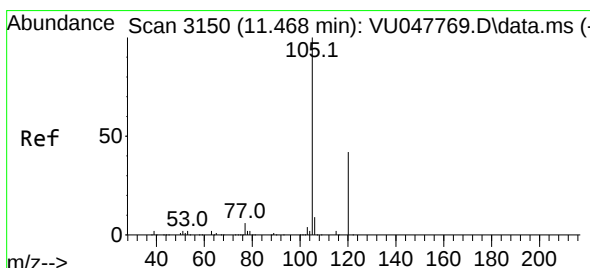
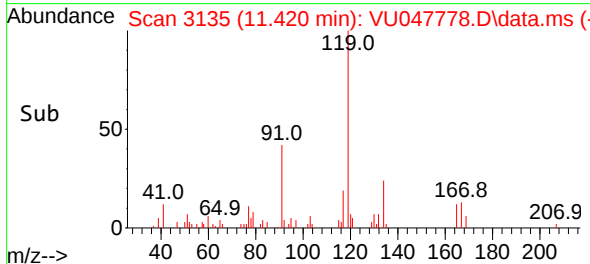
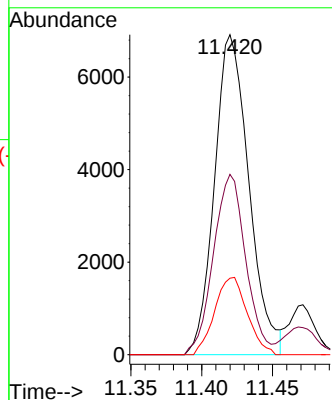
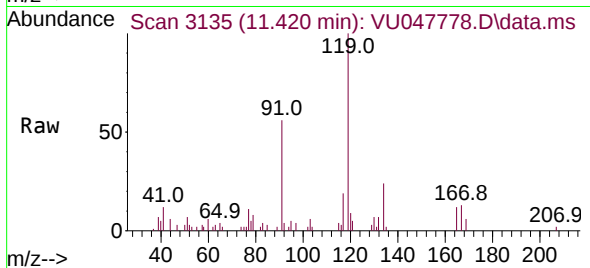
Tgt Ion:119 Resp: 11690

Ion Ratio Lower Upper

119 100

91 52.9 26.8 80.3

134 22.9 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 1.192 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047778.D

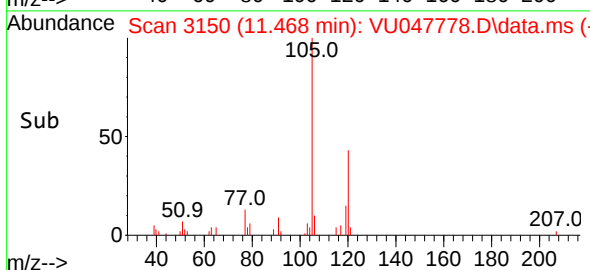
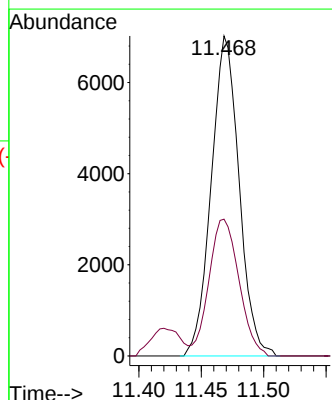
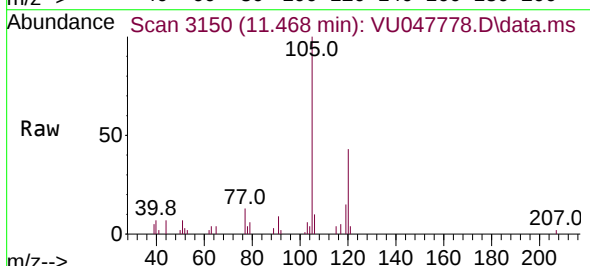
Acq: 31 Mar 2022 17:23

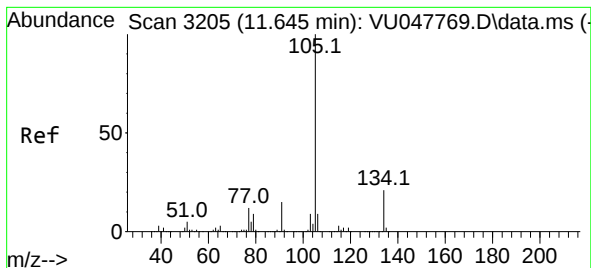
Tgt Ion:105 Resp: 10919

Ion Ratio Lower Upper

105 100

120 46.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 1.148 ug/l

RT: 11.642 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

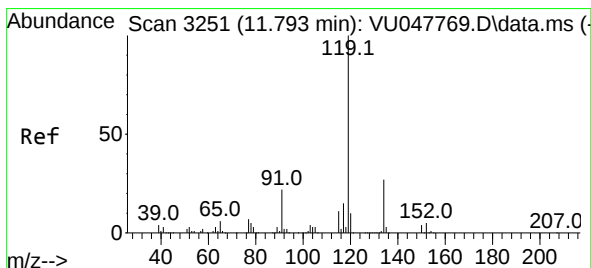
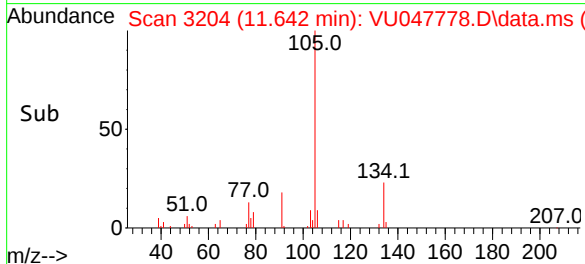
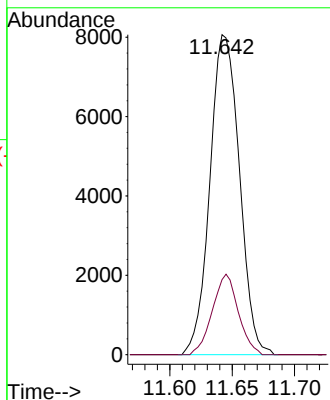
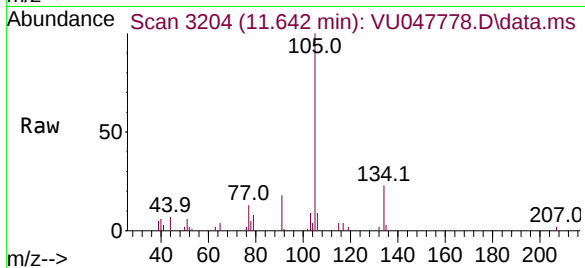
MDL02 2.5ppb

Tgt Ion:105 Resp: 13282

Ion Ratio Lower Upper

105 100

134 22.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 1.106 ug/l

RT: 11.793 min Scan# 3251

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

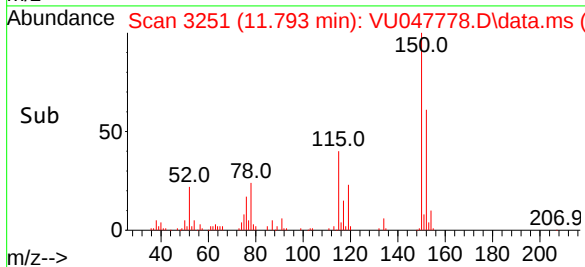
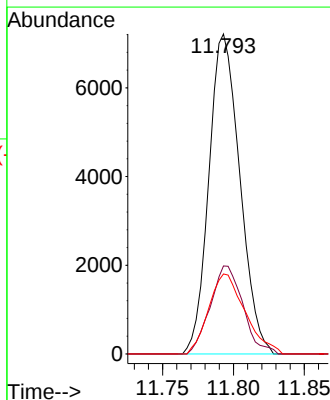
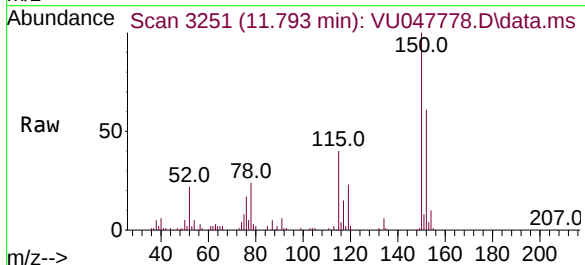
Tgt Ion:119 Resp: 10965

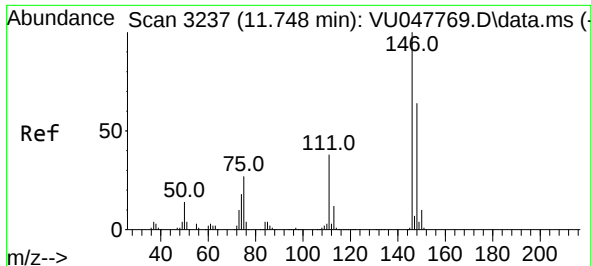
Ion Ratio Lower Upper

119 100

134 29.0 13.5 40.4

91 29.4 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 1.387 ug/l

RT: 11.748 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

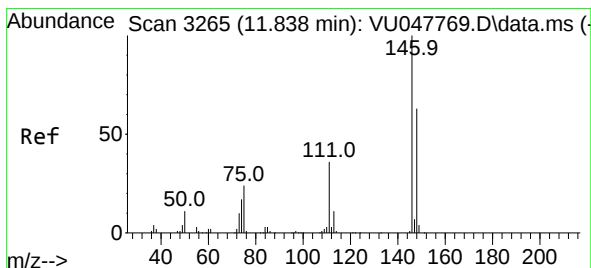
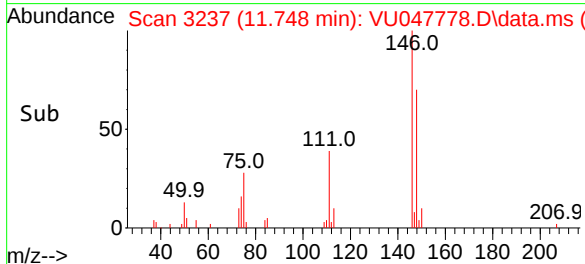
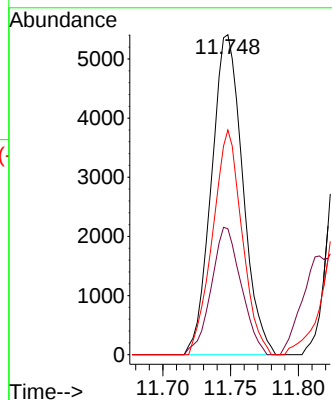
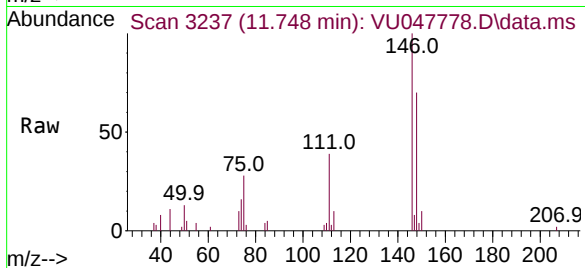
Tgt Ion:146 Resp: 8675

Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.5

148 66.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 1.428 ug/l

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

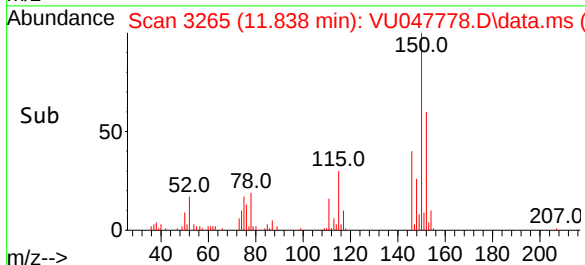
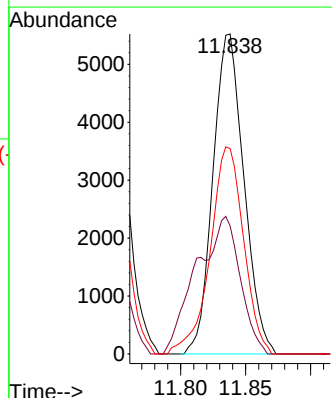
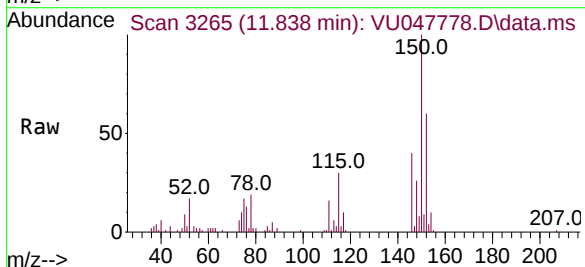
Tgt Ion:146 Resp: 9151

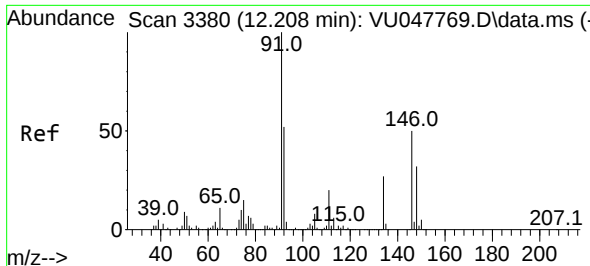
Ion Ratio Lower Upper

146 100

111 36.1 18.5 55.5

148 69.8 31.9 95.7

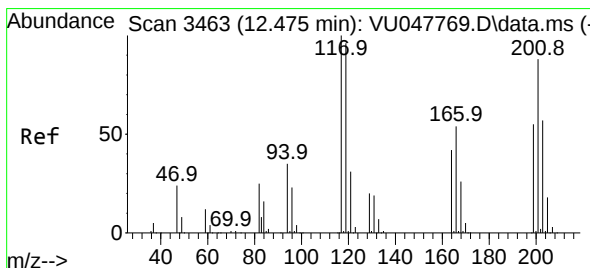
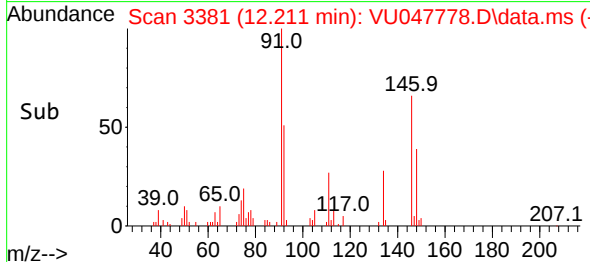
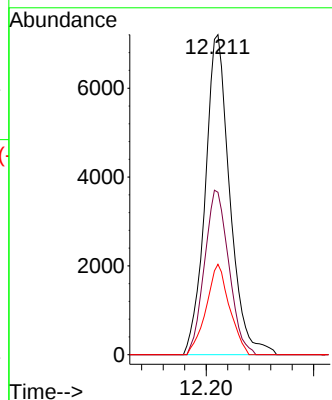
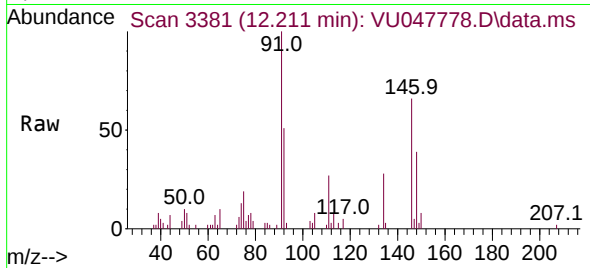




#89
n-Butylbenzene
Concen: 1.235 ug/l
RT: 12.211 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

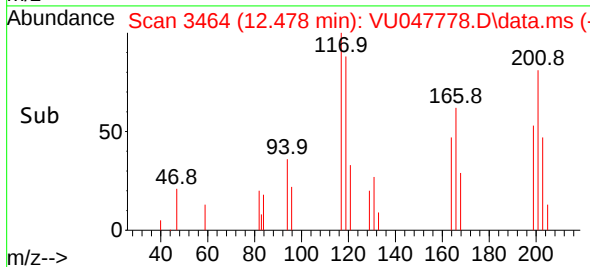
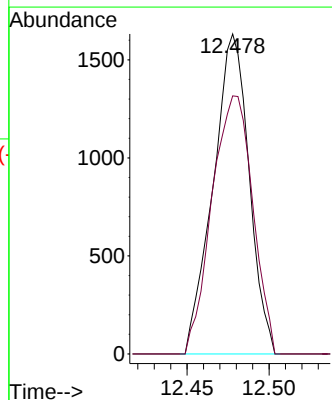
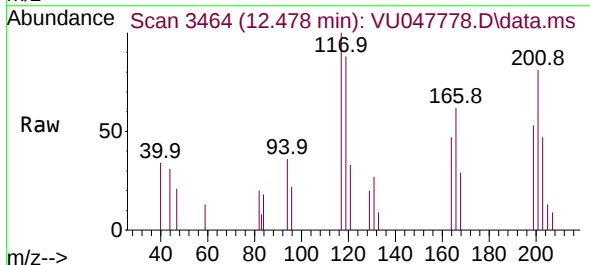
Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

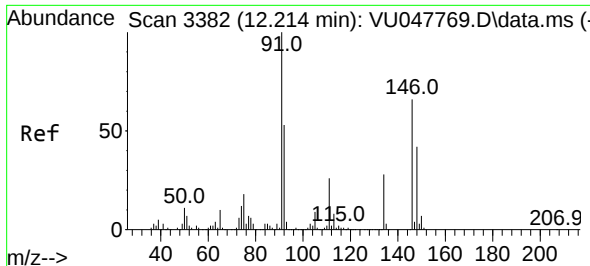
Tgt Ion: 91 Resp: 11443
Ion Ratio Lower Upper
91 100
92 50.9 26.2 78.6
134 26.7 13.5 40.4



#90
Hexachloroethane
Concen: 1.238 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion: 117 Resp: 2484
Ion Ratio Lower Upper
117 100
201 91.5 44.6 134.0





#91

1,2-Dichlorobenzene

Concen: 1.346 ug/l

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

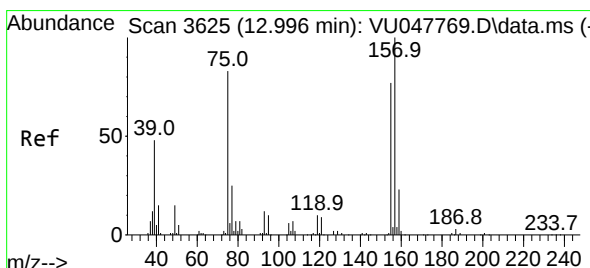
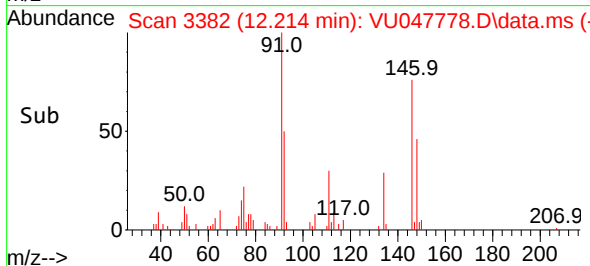
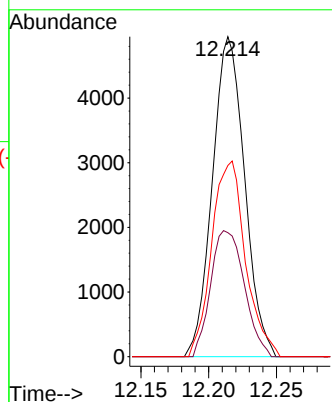
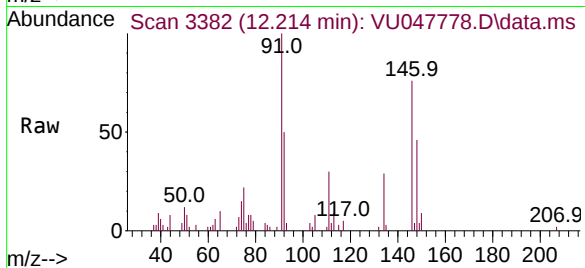
Tgt Ion:146 Resp: 8183

Ion Ratio Lower Upper

146 100

111 41.1 19.9 59.6

148 64.0 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.391 ug/l

RT: 13.002 min Scan# 3627

Delta R.T. 0.006 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

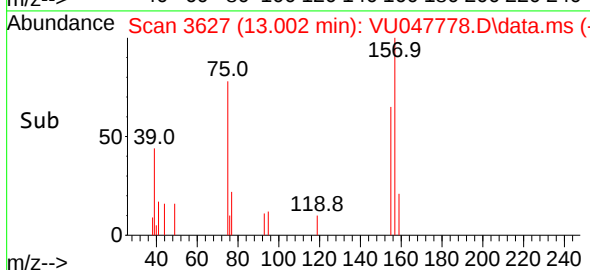
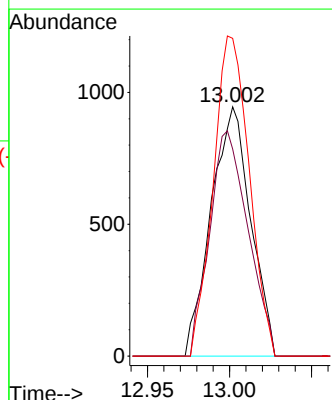
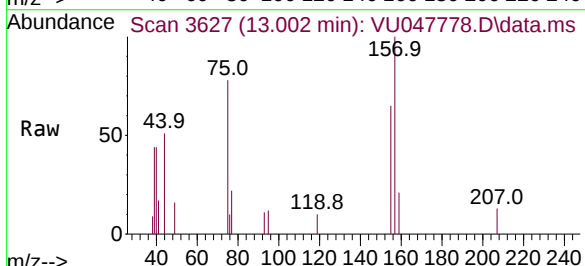
Tgt Ion: 75 Resp: 1582

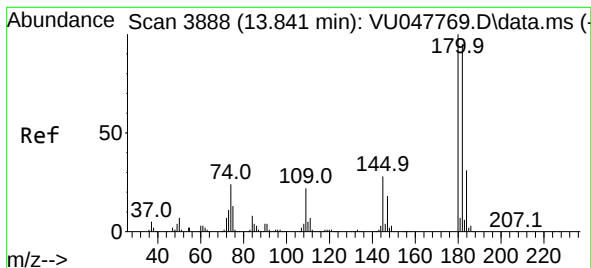
Ion Ratio Lower Upper

75 100

155 87.7 47.8 143.4

157 116.8 62.2 186.5





#93

1,2,4-Trichlorobenzene

Concen: 1.497 ug/l

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

Instrument :

MSVOA_U

ClientSampleId :

MDL02 2.5ppb

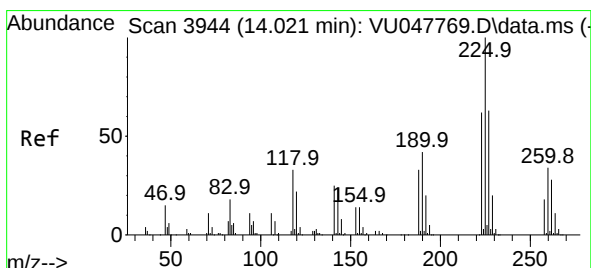
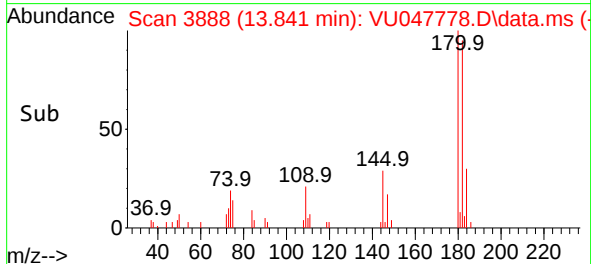
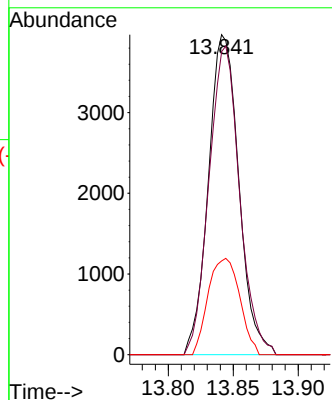
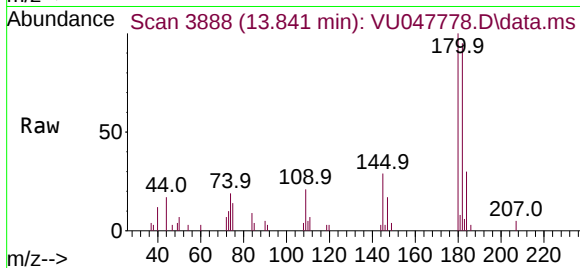
Tgt Ion:180 Resp: 6453

Ion Ratio Lower Upper

180 100

182 96.8 47.9 143.6

145 31.2 14.0 41.9



#94

Hexachlorobutadiene

Concen: 1.460 ug/l

RT: 14.021 min Scan# 3944

Delta R.T. -0.000 min

Lab File: VU047778.D

Acq: 31 Mar 2022 17:23

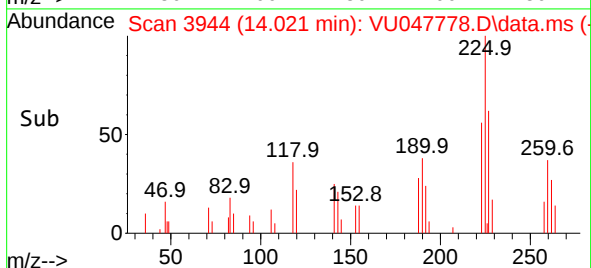
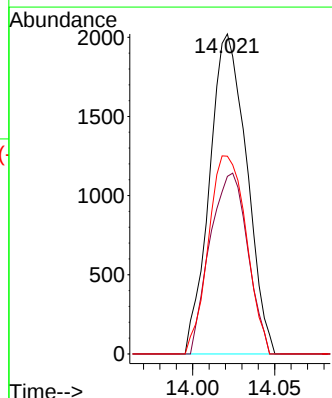
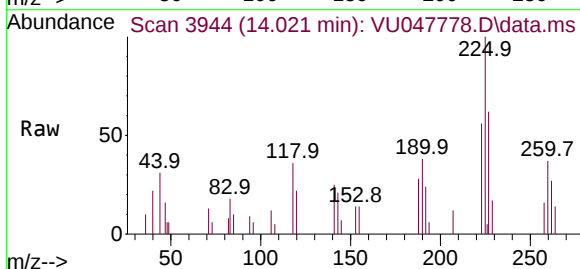
Tgt Ion:225 Resp: 3174

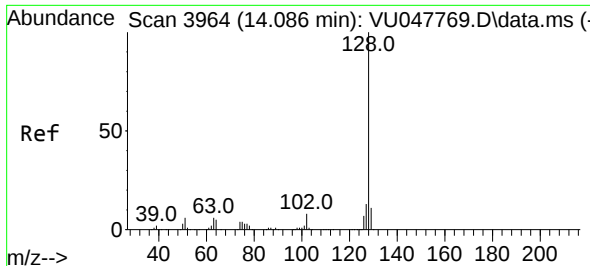
Ion Ratio Lower Upper

225 100

223 57.6 31.3 93.9

227 63.0 32.0 96.2

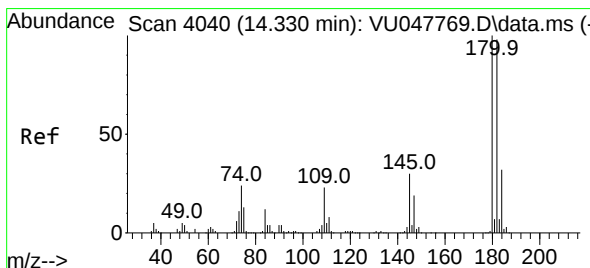
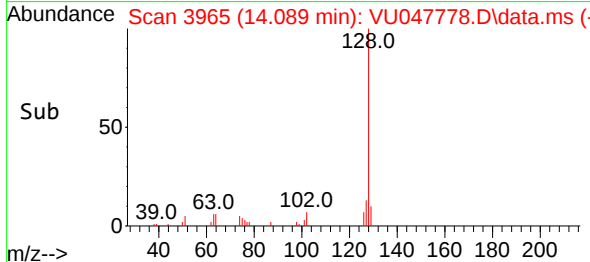
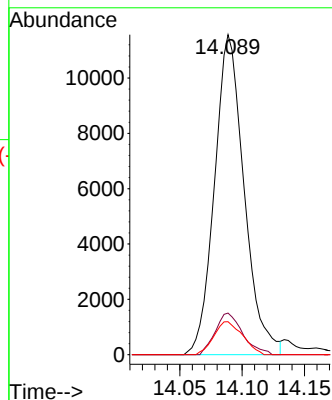
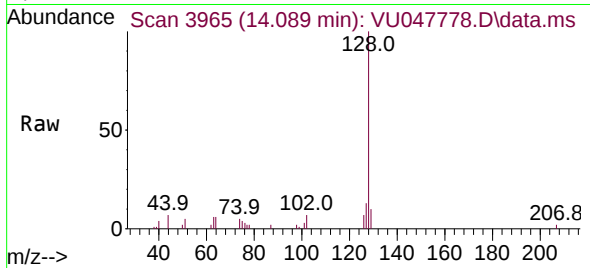




#95
Naphthalene
Concen: 1.489 ug/l
RT: 14.089 min Scan# 3964
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Instrument :
MSVOA_U
ClientSampleId :
MDL02 2.5ppb

Tgt Ion:128	Resp:	19126
Ion Ratio	Lower	Upper
128	100	
127	12.1	10.3 15.5
129	10.0	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 1.438 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047778.D
Acq: 31 Mar 2022 17:23

Tgt Ion:180	Resp:	6044
Ion Ratio	Lower	Upper
180	100	
182	103.2	48.4 145.0
145	28.4	14.8 44.4

