

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
 Data File : VU047839.D
 Acq On : 06 Apr 2022 19:49
 Operator : SY/MD
 Sample : MDL02 0.8ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.8ppb

Quant Time: Apr 07 06:52:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U040622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 06:48:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.118	96	45196	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	14944	0.915	ug/l	0.00
Spiked Amount 1.000			Recovery	=	91.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	20435	1.036	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14407	0.895	ug/l	98
3) Chloromethane	1.527	50	15702	0.871	ug/l	91
4) Vinyl Chloride	1.607	62	14740	0.924	ug/l	96
5) Bromomethane	1.861	94	8916	0.885	ug/l	99
6) Chloroethane	1.938	64	8776	0.886	ug/l	91
7) Trichlorofluoromethane	2.144	101	19157	0.899	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	10806	0.879	ug/l	93
9) 1,1-Dichloroethene	2.584	96	11369	0.930	ug/l	98
10) Iodomethane	2.729	142	7346	0.877	ug/l	95
11) Allyl Chloride	2.928	41	15928	0.950	ug/l	95
12) Acrylonitrile	3.321	53	4581	1.489	ug/l	94
13) Acetone	2.636	43	6236	2.554	ug/l	98
14) Carbon Disulfide	2.797	76	35300	0.913	ug/l	100
15) Methylene Chloride	3.051	84	15156	0.780	ug/l	97
16) trans-1,2-Dichloroethene	3.356	96	12450	0.931	ug/l	97
17) 1,1-Dichloroethane	3.870	63	19526	0.889	ug/l	99
18) 2-Butanone	4.723	43	8241	2.532	ug/l	94
19) Cyclohexane	5.388	56	11978	0.721	ug/l	91
20) Methylcyclohexane	6.764	83	13668	0.738	ug/l	95
21) 2,2-Dichloropropane	4.668	77	14792	0.821	ug/l	99
22) cis-1,2-Dichloroethene	4.674	96	12484	0.906	ug/l	96
23) Diethyl Ether	2.382	59	8322	0.913	ug/l	97
24) tert-Butyl Alcohol	3.195	59	2259	2.228	ug/l	95
25) Methyl tert-Butyl Ether	3.375	73	27105	0.891	ug/l	97
26) Bromochloromethane	4.983	128	6239	0.910	ug/l	96
27) Chloroform	5.092	83	21480	0.920	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	17734	0.898	ug/l	98
29) 1,1-Dichloropropene	5.530	75	13203	0.791	ug/l	99
30) Carbon Tetrachloride	5.530	117	14710	0.856	ug/l	97
31) Isopropyl Ether	4.002	45	25203	0.829	ug/l	91
32) Ethyl-t-butyl ether	4.514	59	24278	0.824	ug/l	97
33) Tert-Amyl methyl ether	5.948	73	19923	0.747	ug/l	98
34) Propionitrile	4.800	54	2641	2.519	ug/l #	84
35) Benzene	5.777	78	42930	0.861	ug/l	98
36) 1,2-Dichloroethane	5.800	62	13151	0.896	ug/l	99
37) Trichloroethene	6.546	130	12915	0.892	ug/l	96
38) 1,2-Dichloropropane	6.793	63	11047	0.871	ug/l	96
39) Methacrylonitrile	4.983	41	2775	0.744	ug/l	95
40) Methyl acrylate	4.870	55	3831	0.629	ug/l #	94
41) Tetrahydrofuran	5.063	42	1024	0.487	ug/l #	1
42) 1-Chlorobutane	5.462	56	18102	0.840	ug/l	94
43) Dibromomethane	6.922	93	6485	0.890	ug/l	99
44) Bromodichloromethane	7.108	83	15087	0.895	ug/l	99

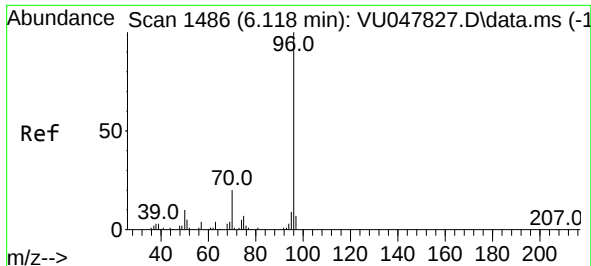
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	29410	3.934	ug/l	95
46) t-1,4-Dichloro-2-butene	10.832	75	13006	3.684	ug/l #	50
47) Methyl methacrylate	6.967	69	7695	1.317	ug/l	89
48) Ethyl methacrylate	8.340	69	7827	0.727	ug/l	100
49) Toluene	7.970	92	24186	0.797	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	11989	0.805	ug/l	98
51) cis-1,3-Dichloropropene	7.610	75	13610	0.794	ug/l	98
52) 1,1,2-Trichloroethane	8.404	97	9220	0.895	ug/l	91
53) 1,3-Dichloropropane	8.578	76	14232	0.843	ug/l	98
54) 2-Hexanone	8.693	43	19945	3.711	ug/l	96
55) Dibromochloromethane	8.809	129	10715	0.873	ug/l	94
56) 1,2-Dibromoethane	8.925	107	8318	0.846	ug/l	98
58) Tetrachloroethene	8.555	164	11804	0.910	ug/l	96
59) Chlorobenzene	9.449	112	29055	0.813	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	10935	0.862	ug/l	98
61) Pentachloroethane	11.430	117	9411	0.891	ug/l	86
62) Hexachloroethane	12.478	117	7992	0.830	ug/l	98
63) Ethyl Benzene	9.571	91	40327	0.732	ug/l	99
64) m/p-Xylenes	9.697	106	31372	1.430	ug/l	96
65) o-Xylene	10.102	106	15118	0.721	ug/l	98
66) Styrene	10.118	104	24849	0.700	ug/l	98
67) Bromoform	10.291	173	6775	0.868	ug/l	98
69) Isopropylbenzene	10.484	105	38934	0.710	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	11068	0.832	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	13006	1.287	ug/l	82
72) Bromobenzene	10.787	156	13374	0.812	ug/l	98
73) n-propylbenzene	10.909	120	11202	0.715	ug/l	97
74) 2-Chlorotoluene	10.986	126	11240	0.759	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	32157	0.691	ug/l	99
76) 4-Chlorotoluene	11.099	126	11285	0.721	ug/l	100
77) tert-Butylbenzene	11.423	119	34226	0.725	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	31329	0.656	ug/l	99
79) sec-Butylbenzene	11.645	105	42938	0.695	ug/l	99
80) Nitrobenzene	13.214	77	1832	3.638	ug/l #	91
81) p-Isopropyltoluene	11.796	119	34567	0.668	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	27992	0.847	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	26975	0.816	ug/l	99
84) n-Butylbenzene	12.211	91	33342	0.676	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	27052	0.862	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1791	0.846	ug/l	93
87) 1,2,4-Trichlorobenzene	13.844	180	17264	0.757	ug/l	99
88) Hexachlorobutadiene	14.021	225	11178	0.826	ug/l	99
89) Naphthalene	14.092	128	24226	0.651	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	15626	0.739	ug/l	98

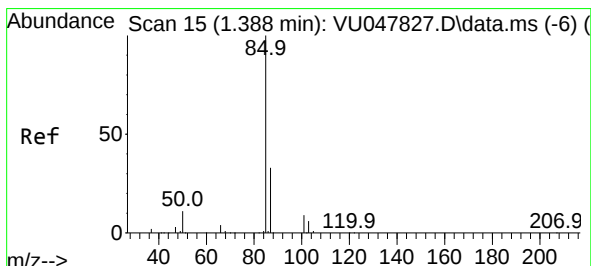
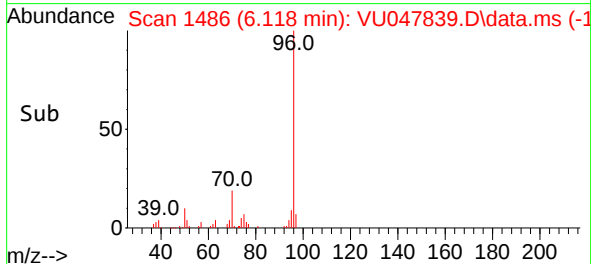
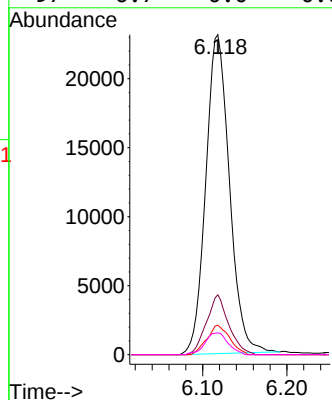
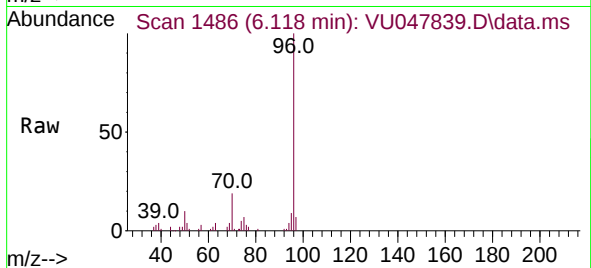
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU047839.D
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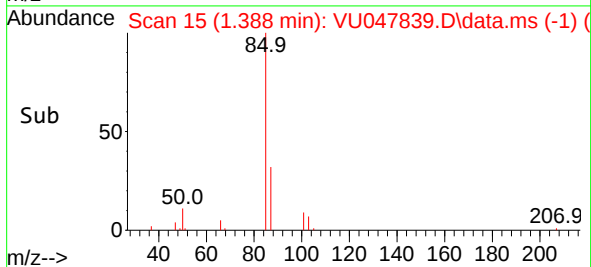
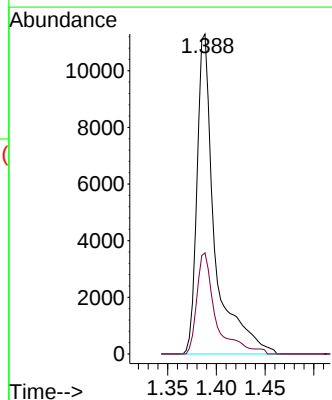
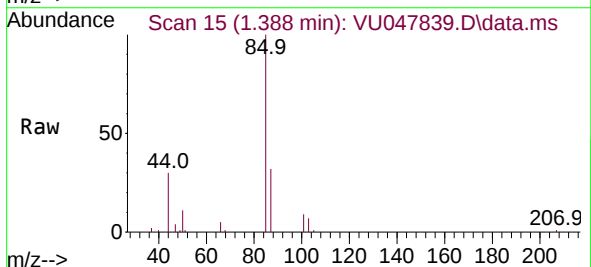
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

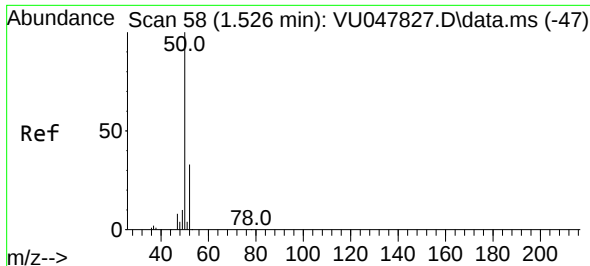
Tgt Ion:	96	Resp:	45196
Ion	Ratio	Lower	Upper
96	100		
70	17.6	15.4	23.0
95	8.9	7.6	11.4
97	6.7	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.895 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:	85	Resp:	14407
Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.4	49.4

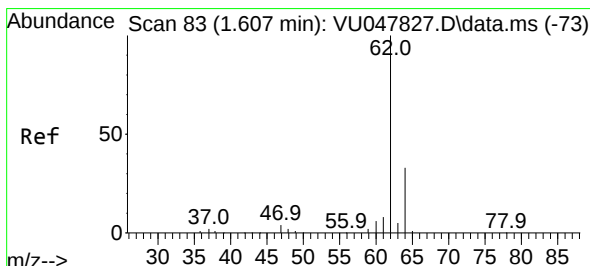
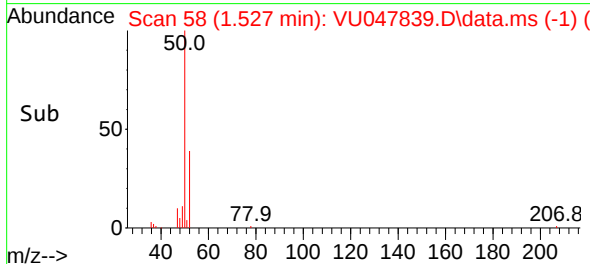
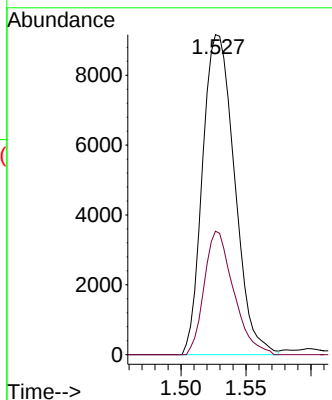
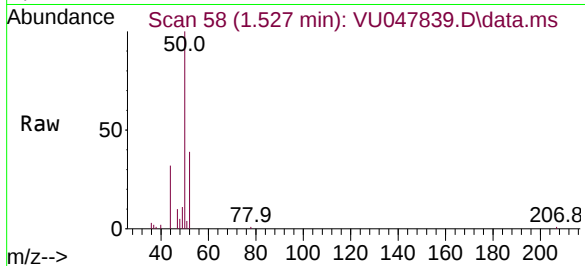




#3
Chloromethane
Concen: 0.871 ug/l
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

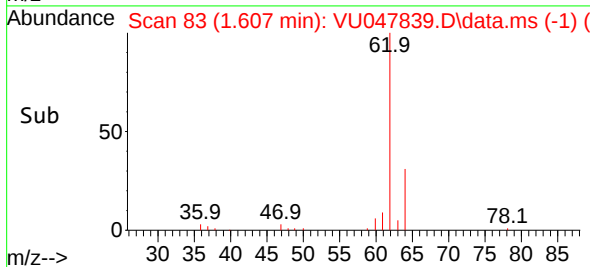
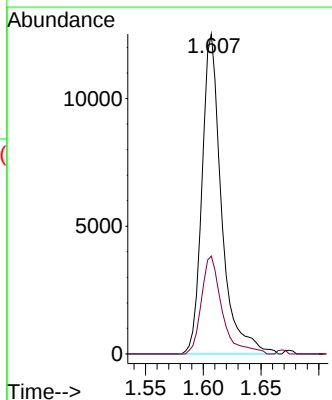
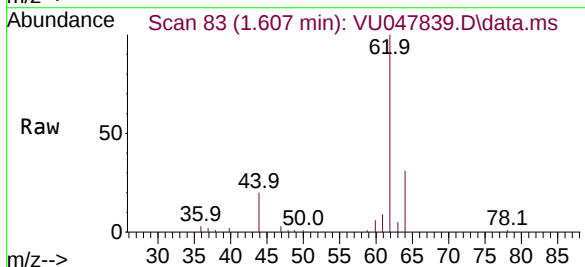
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

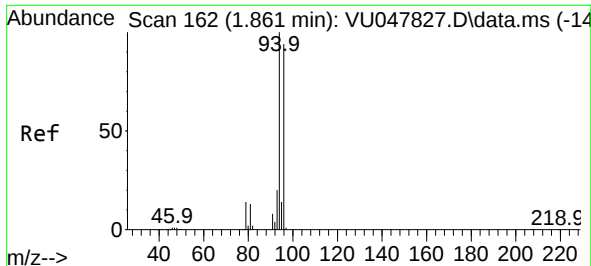
Tgt Ion: 50 Resp: 15702
Ion Ratio Lower Upper
50 100
52 38.6 26.7 40.1



#4
Vinyl Chloride
Concen: 0.924 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 62 Resp: 14740
Ion Ratio Lower Upper
62 100
64 30.6 26.4 39.6

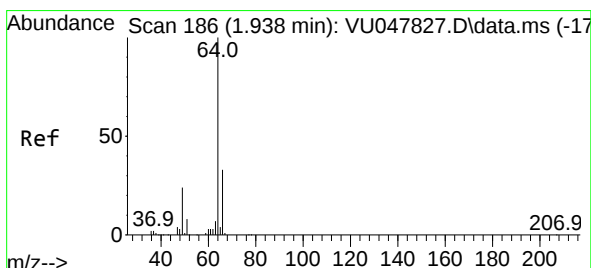
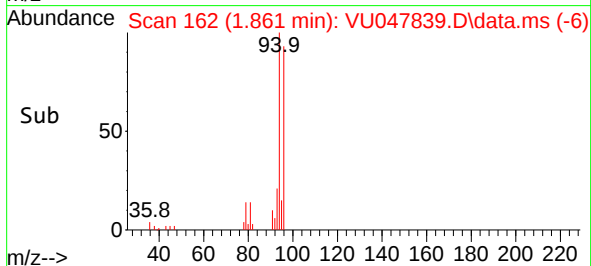
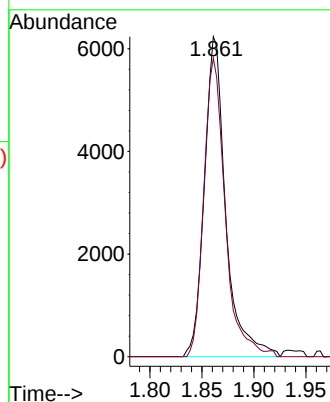
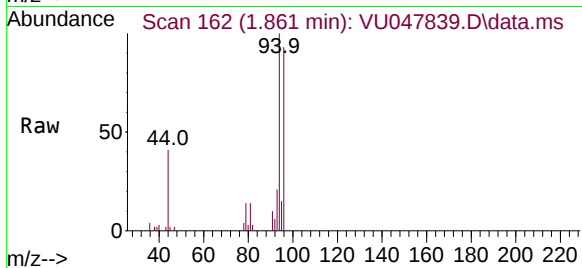




#5
Bromomethane
Concen: 0.885 ug/l
RT: 1.861 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

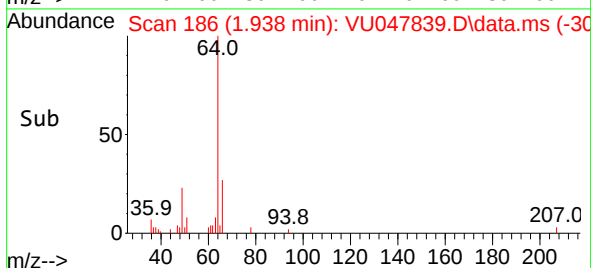
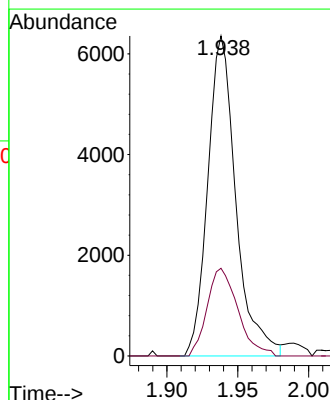
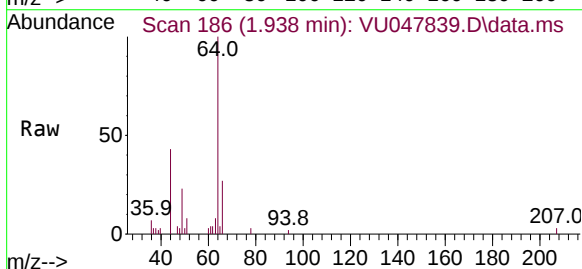
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MSVOA_U
ClientSampleId :
MDL02 0.8ppb

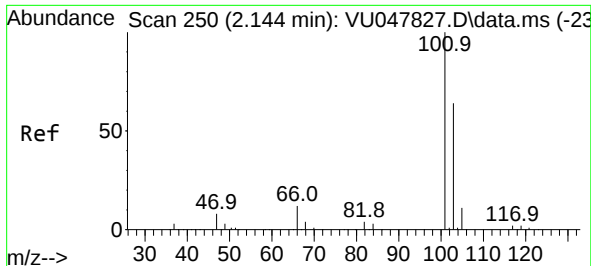
Tgt Ion: 94 Resp: 8916
Ion Ratio Lower Upper
94 100
96 93.4 75.3 112.9



#6
Chloroethane
Concen: 0.886 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 64 Resp: 8776
Ion Ratio Lower Upper
64 100
66 27.4 26.2 39.2

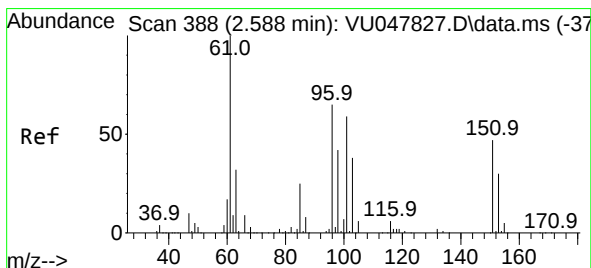
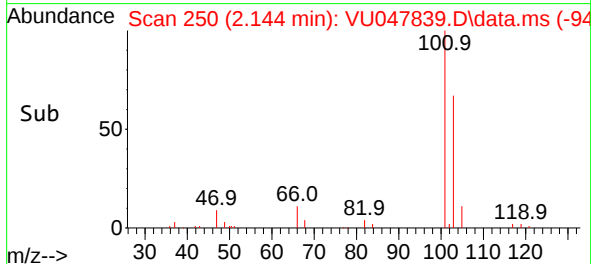
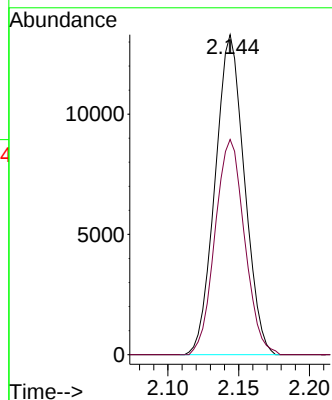
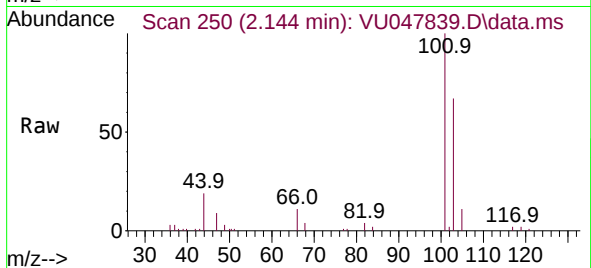




#7
 Trichlorofluoromethane
 Concen: 0.899 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

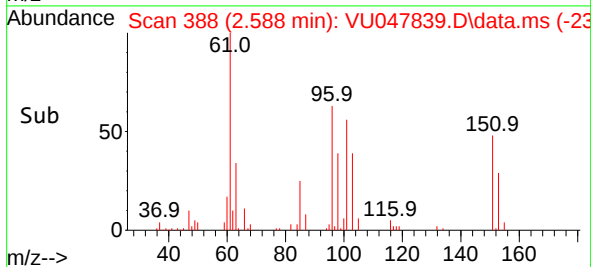
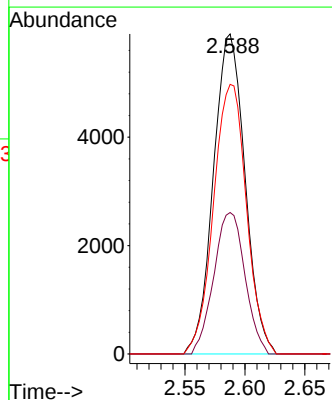
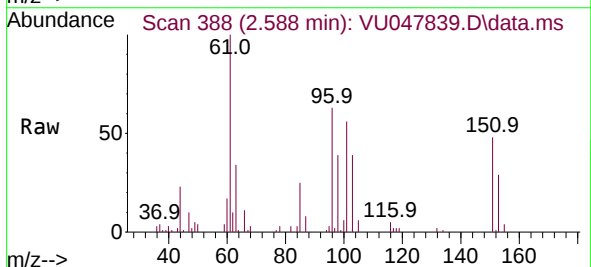
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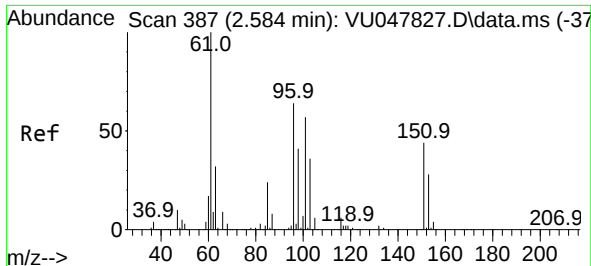
Tgt Ion:101 Resp: 19157
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.3 76.9



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.879 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

Tgt Ion:101 Resp: 10806
 Ion Ratio Lower Upper
 101 100
 85 43.6 33.4 50.2
 151 87.8 63.8 95.8

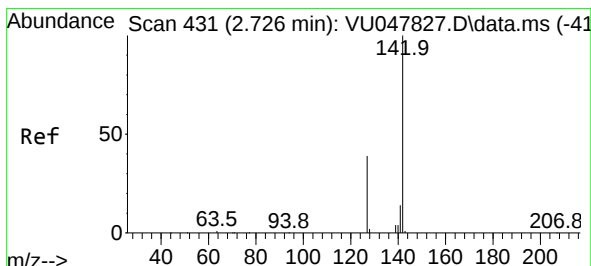
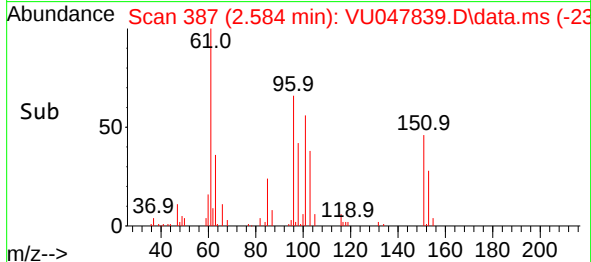
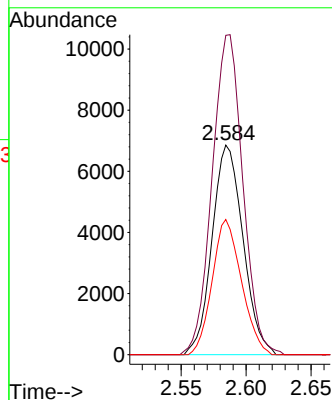
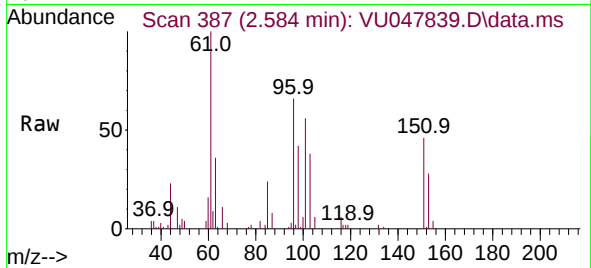




#9
1,1-Dichloroethene
Concen: 0.930 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

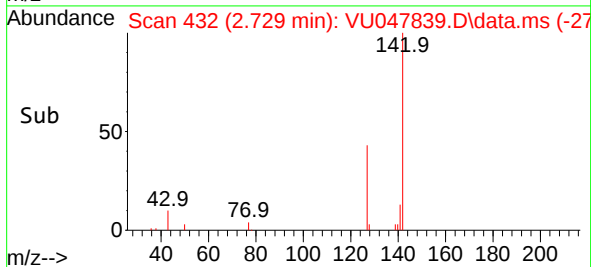
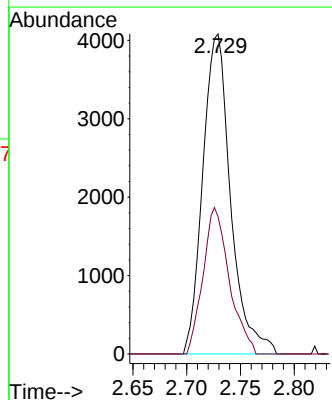
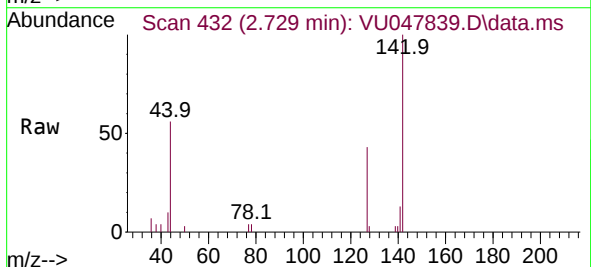
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ClientSampleId :
MDL02 0.8ppb

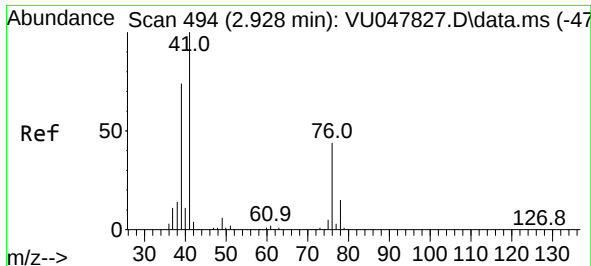
Tgt Ion: 96 Resp: 11369
Ion Ratio Lower Upper
96 100
61 152.3 0.0 466.5
98 64.5 0.0 128.0



#10
Iodomethane
Concen: 0.877 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 142 Resp: 7346
Ion Ratio Lower Upper
142 100
127 43.1 32.1 48.1

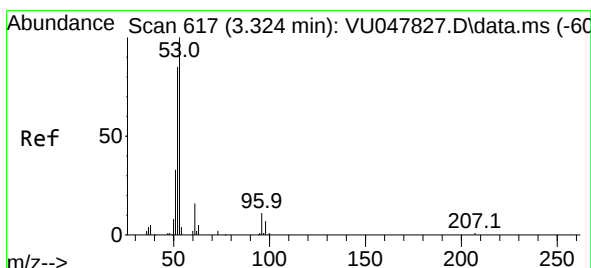
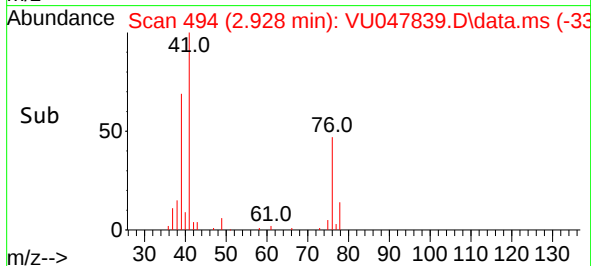
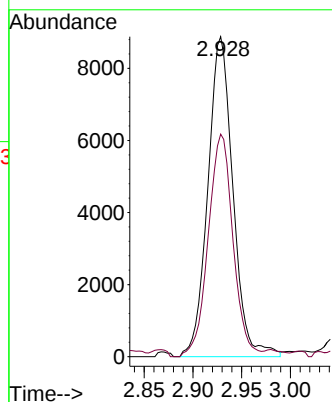
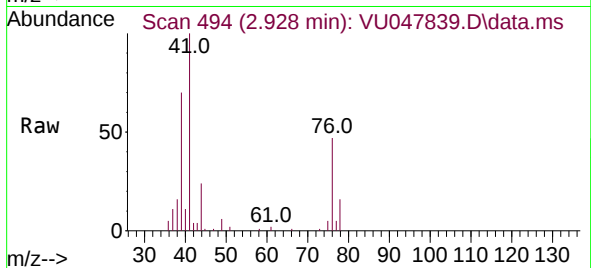




#11
 Allyl Chloride
 Concen: 0.950 ug/l
 RT: 2.928 min Scan# 494
 Delta R.T. 0.000 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

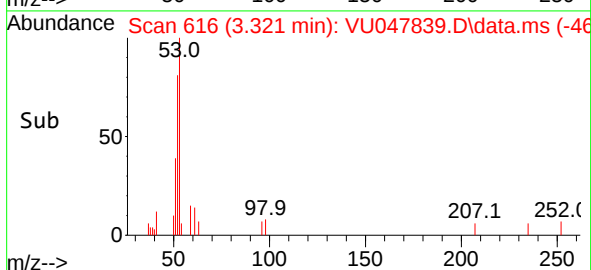
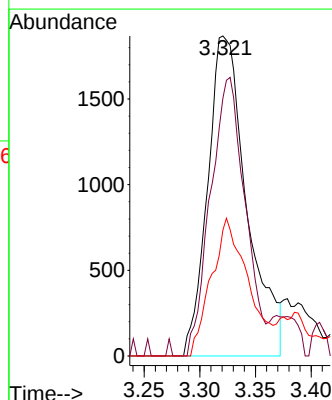
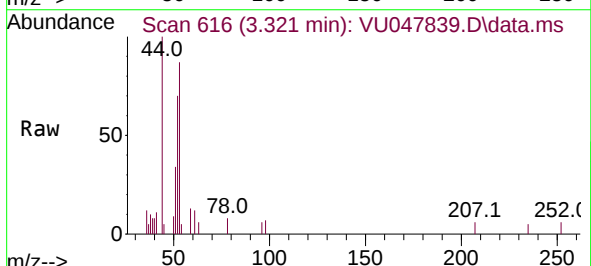
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.8ppb

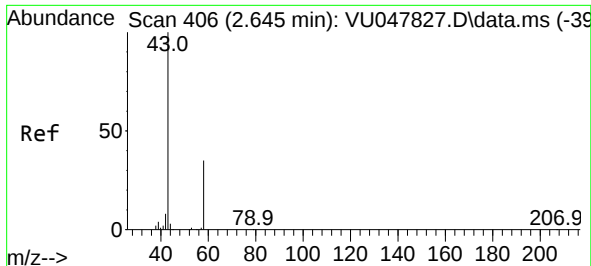
Tgt Ion: 41 Resp: 15928
 Ion Ratio Lower Upper
 41 100
 39 68.5 58.3 87.5



#12
 Acrylonitrile
 Concen: 1.489 ug/l
 RT: 3.321 min Scan# 616
 Delta R.T. -0.003 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

Tgt Ion: 53 Resp: 4581
 Ion Ratio Lower Upper
 53 100
 52 76.7 65.5 98.3
 51 40.5 29.6 44.4





#13

Acetone

Concen: 2.554 ug/l

RT: 2.636 min Scan# 406

Delta R.T. -0.010 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

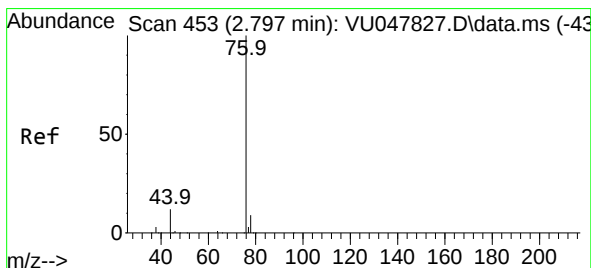
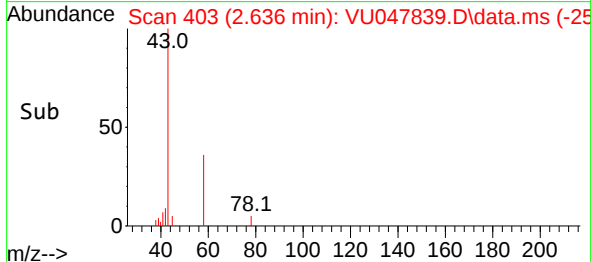
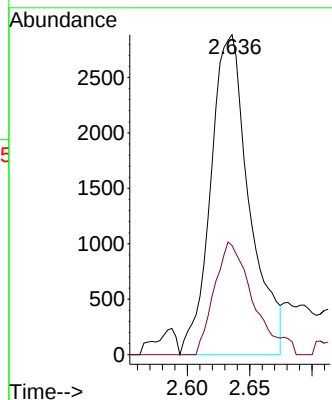
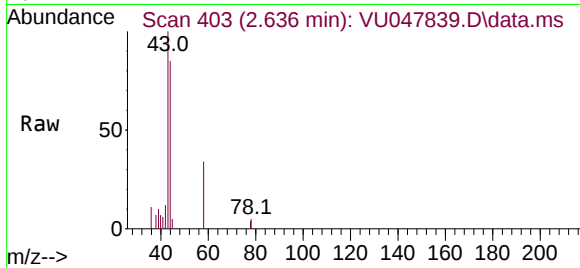
MDL02 0.8ppb

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

58 34.1 28.0 42.0



#14

Carbon Disulfide

Concen: 0.913 ug/l

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU047839.D

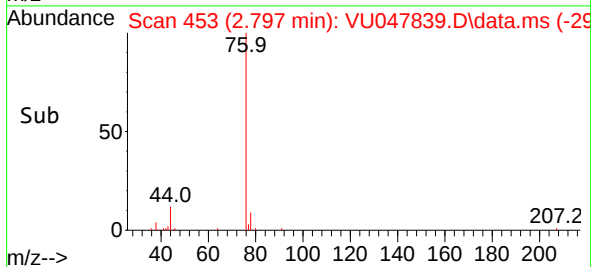
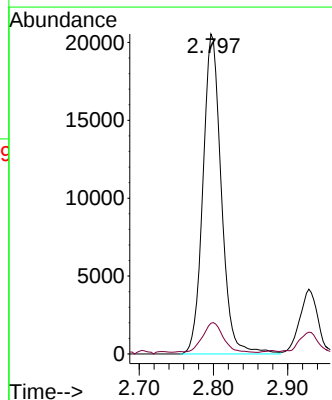
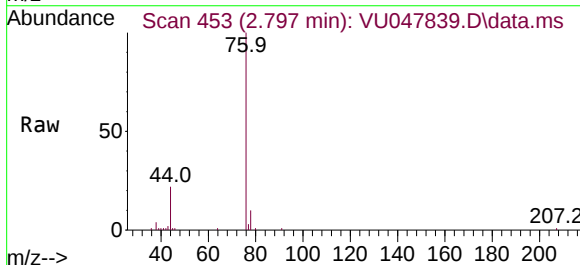
Acq: 06 Apr 2022 19:49

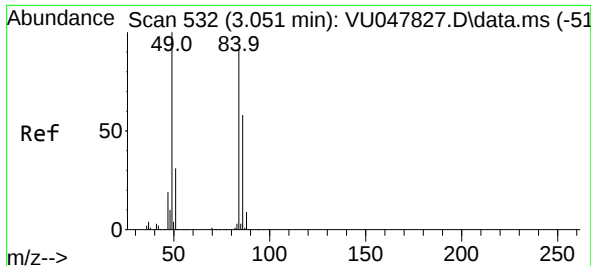
Tgt Ion: 76 Resp: 35300

Ion Ratio Lower Upper

76 100

78 8.9 7.2 10.8

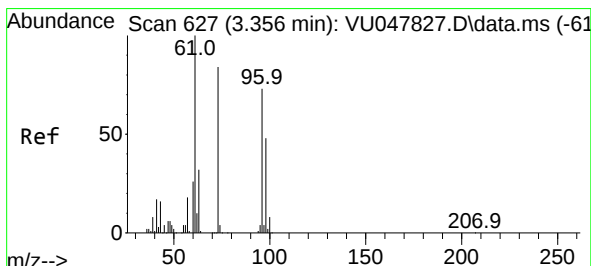
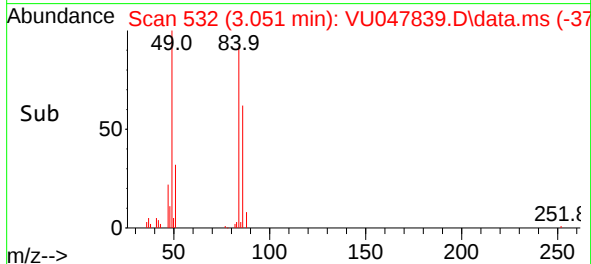
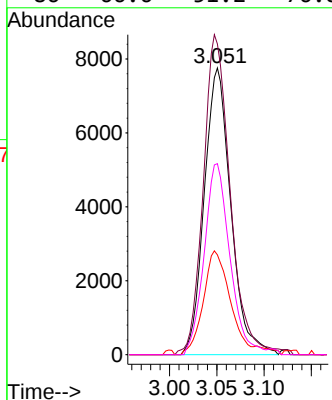
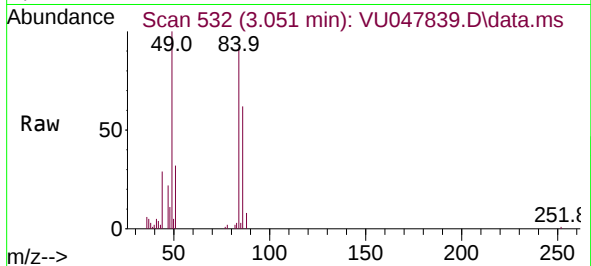




#15
Methylene Chloride
Concen: 0.780 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

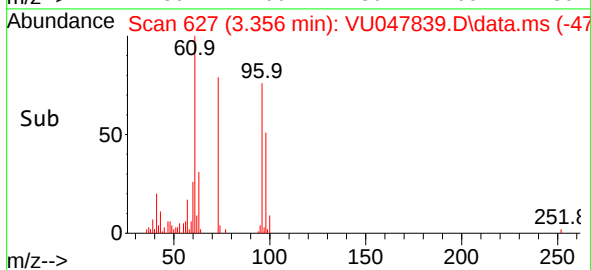
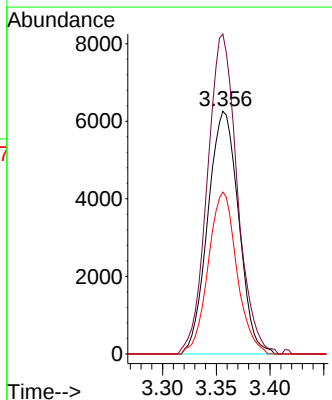
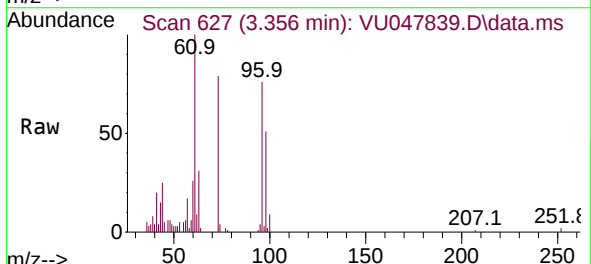
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

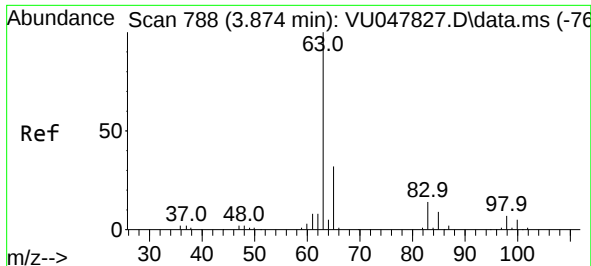
Tgt Ion:	84	Resp:	15156
Ion	Ratio	Lower	Upper
84	100		
49	107.1	88.4	132.6
51	34.8	0.0	69.8
86	66.6	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 0.931 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:	96	Resp:	12450
Ion	Ratio	Lower	Upper
96	100		
61	131.8	109.2	163.8
98	66.7	52.0	78.0

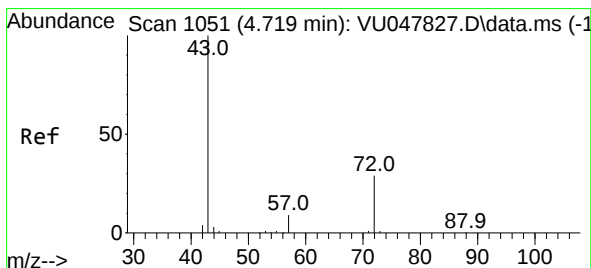
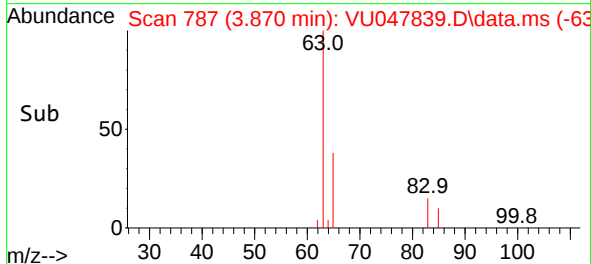
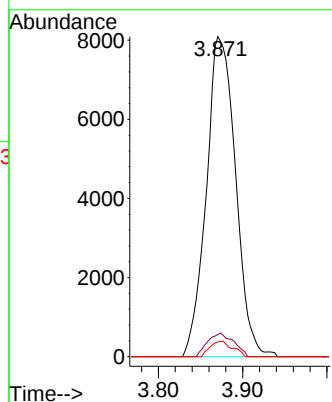
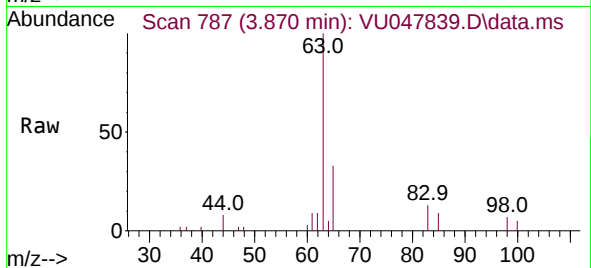




#17
1,1-Dichloroethane
Concen: 0.889 ug/l
RT: 3.870 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

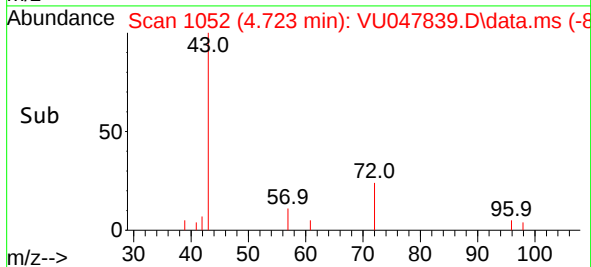
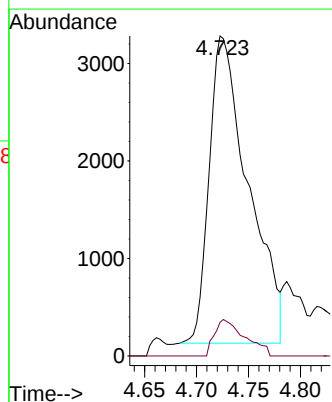
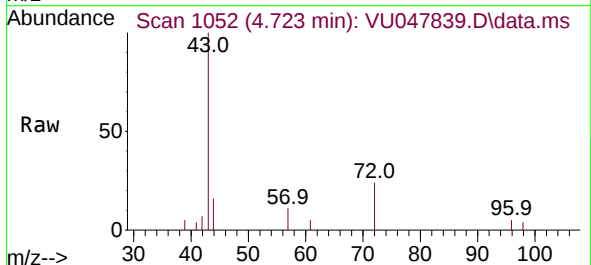
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

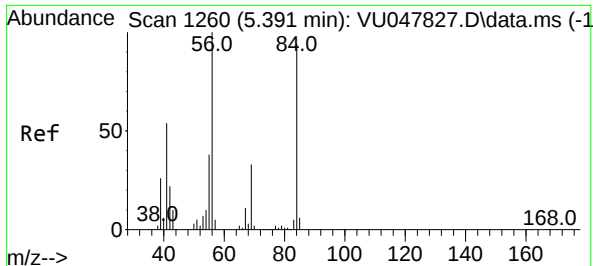
Tgt Ion: 63 Resp: 19526
Ion Ratio Lower Upper
63 100
98 6.9 3.6 10.8
100 4.6 2.4 7.2



#18
2-Butanone
Concen: 2.532 ug/l
RT: 4.723 min Scan# 1052
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 43 Resp: 8241
Ion Ratio Lower Upper
43 100
57 11.0 0.0 17.4





#19

Cyclohexane

Concen: 0.721 ug/l

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

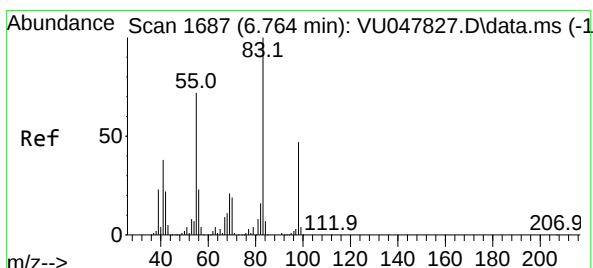
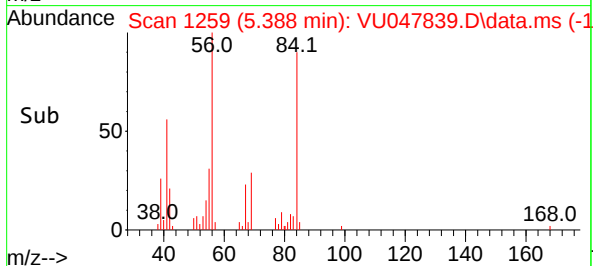
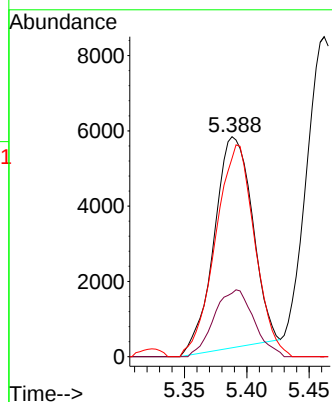
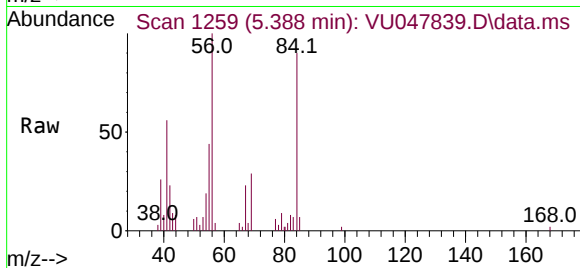
Tgt Ion: 56 Resp: 11978

Ion Ratio Lower Upper

56 100

69 32.9 25.4 38.0

84 102.9 74.0 111.0



#20

Methylcyclohexane

Concen: 0.738 ug/l

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

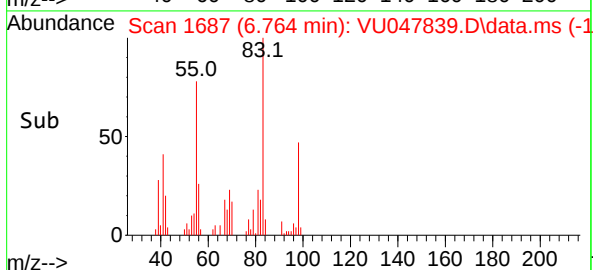
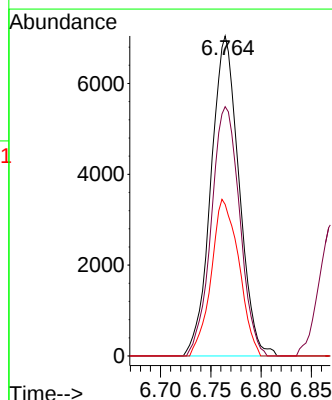
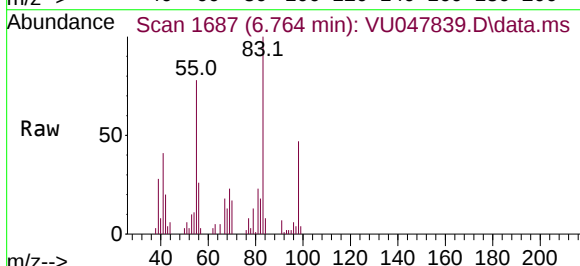
Tgt Ion: 83 Resp: 13668

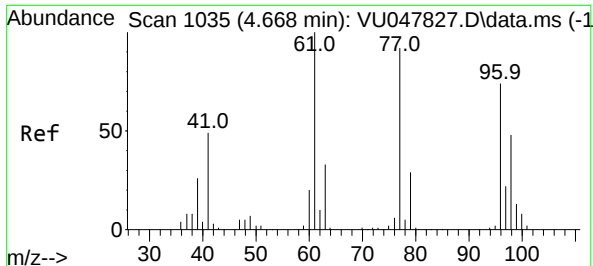
Ion Ratio Lower Upper

83 100

55 78.9 58.0 87.0

98 48.2 37.9 56.9





#21

2,2-Dichloropropane

Concen: 0.821 ug/l

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

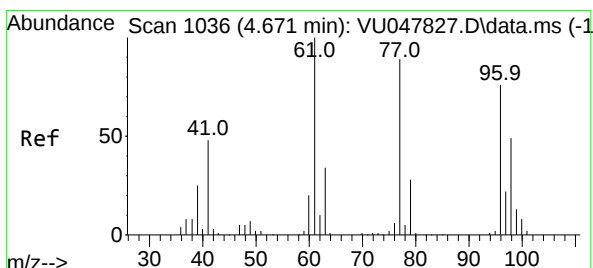
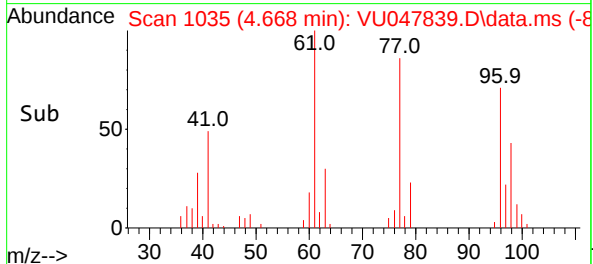
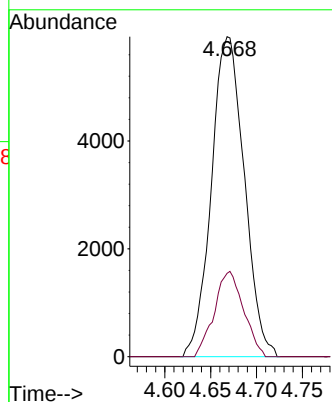
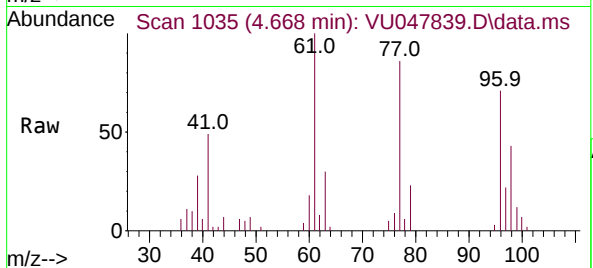
MDL02 0.8ppb

Tgt Ion: 77 Resp: 14792

Ion Ratio Lower Upper

77 100

97 23.7 19.3 28.9



#22

cis-1,2-Dichloroethene

Concen: 0.906 ug/l

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

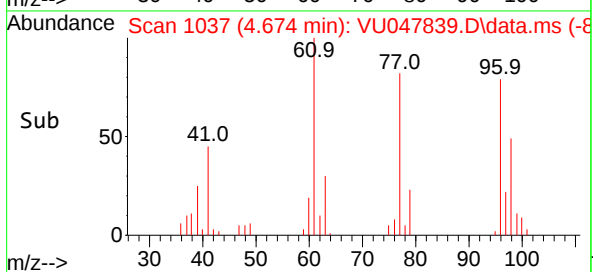
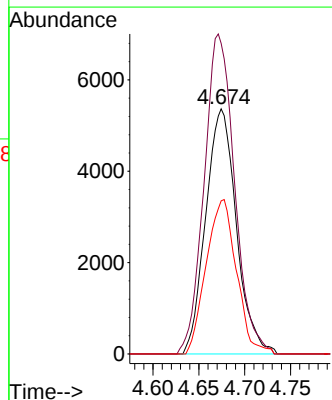
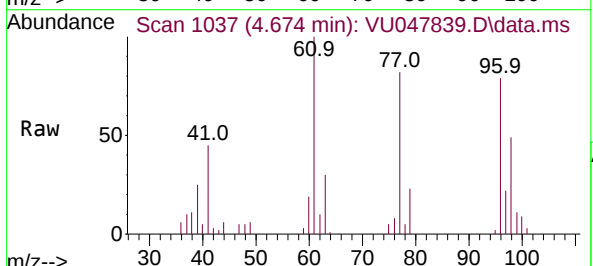
Tgt Ion: 96 Resp: 12484

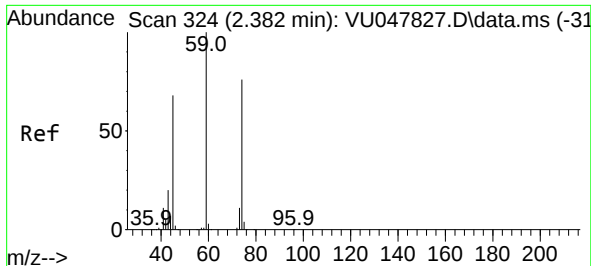
Ion Ratio Lower Upper

96 100

61 129.5 0.0 337.8

98 62.2 32.5 97.5

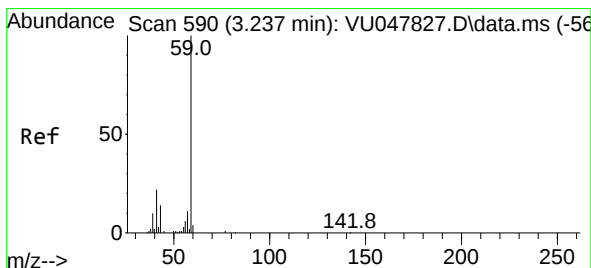
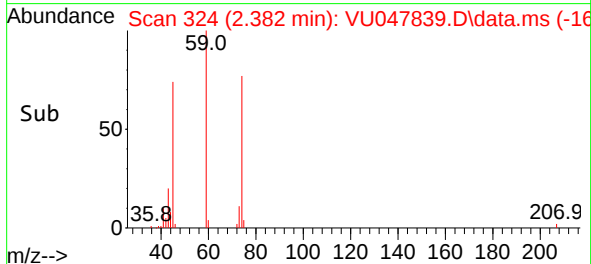
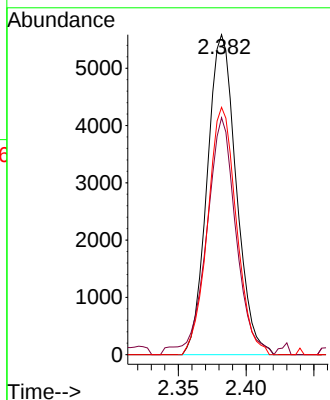
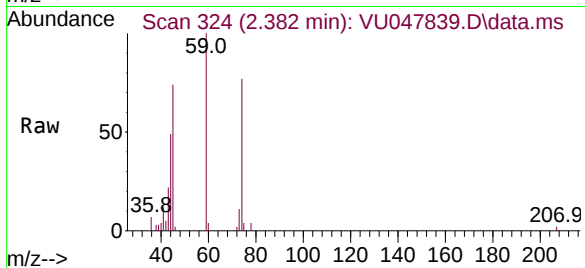




#23
Diethyl Ether
Concen: 0.913 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

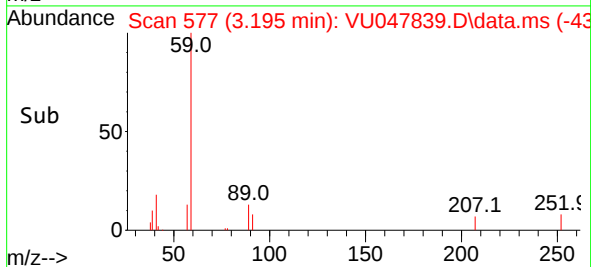
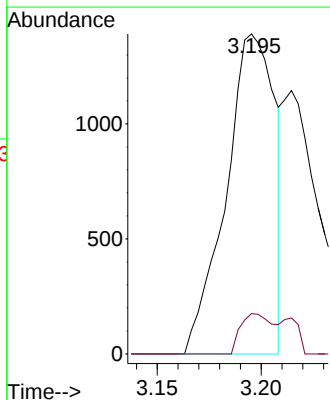
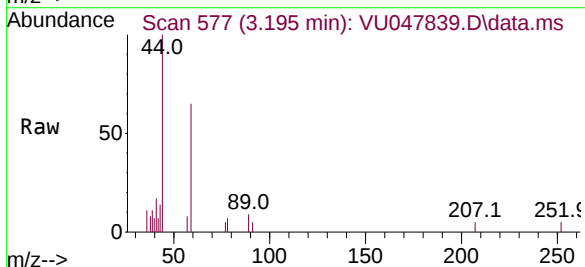
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

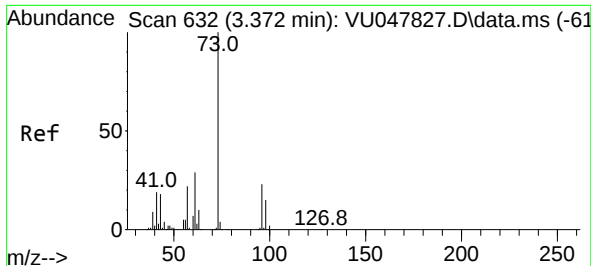
Tgt Ion: 59 Resp: 8322
Ion Ratio Lower Upper
59 100
45 74.7 55.8 83.6
74 76.4 60.6 91.0



#24
tert-Butyl Alcohol
Concen: 2.228 ug/l
RT: 3.195 min Scan# 577
Delta R.T. -0.042 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 59 Resp: 2259
Ion Ratio Lower Upper
59 100
57 8.6 8.4 12.6

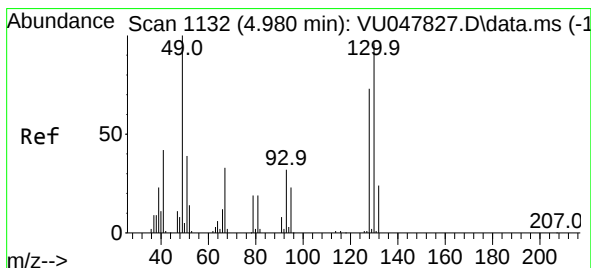
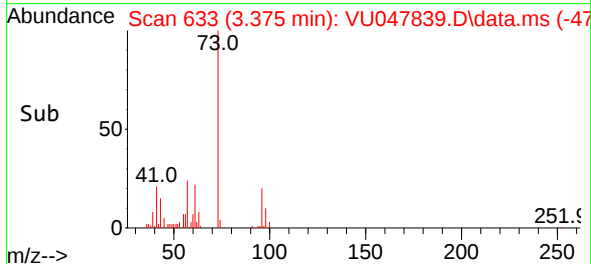
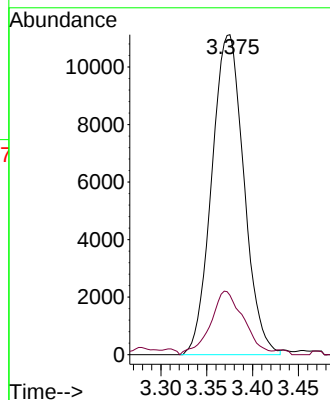
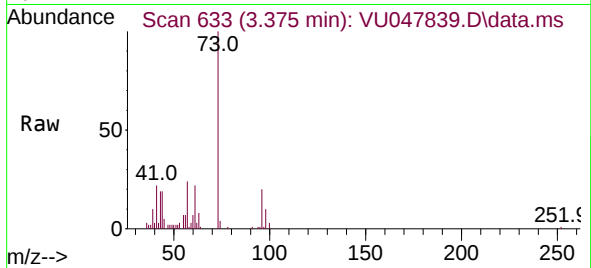




#25
Methyl tert-Butyl Ether
Concen: 0.891 ug/l
RT: 3.375 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

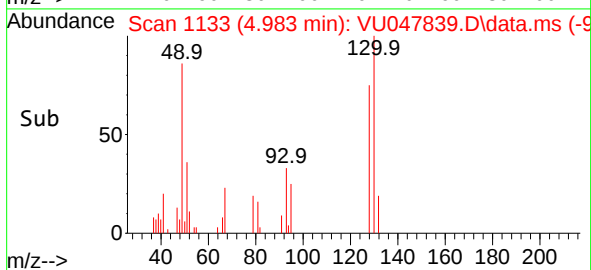
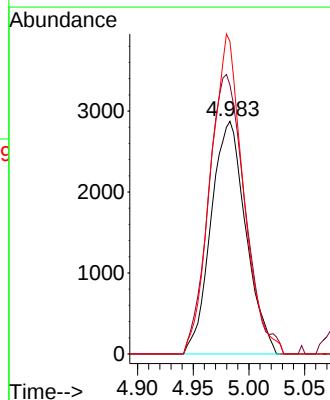
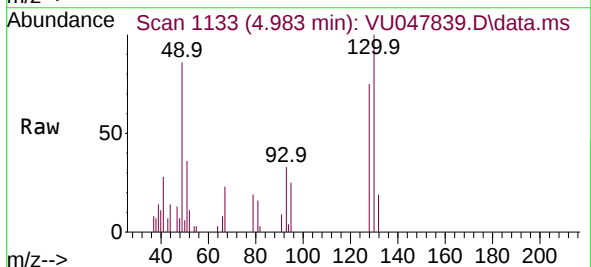
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

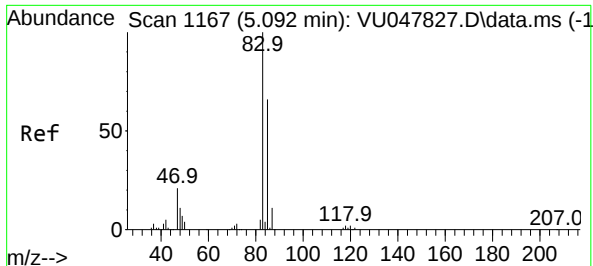
Tgt Ion: 73 Resp: 27105
Ion Ratio Lower Upper
73 100
43 20.4 15.2 22.8



#26
Bromochloromethane
Concen: 0.910 ug/l
RT: 4.983 min Scan# 1133
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 128 Resp: 6239
Ion Ratio Lower Upper
128 100
49 125.3 0.0 268.4
130 129.0 102.9 154.3





#27

Chloroform

Concen: 0.920 ug/l

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

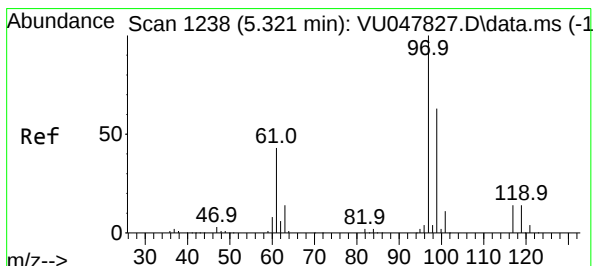
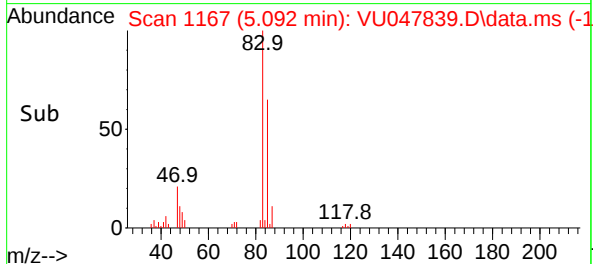
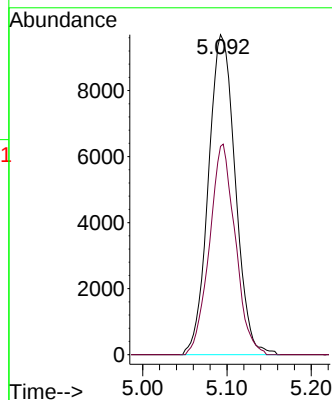
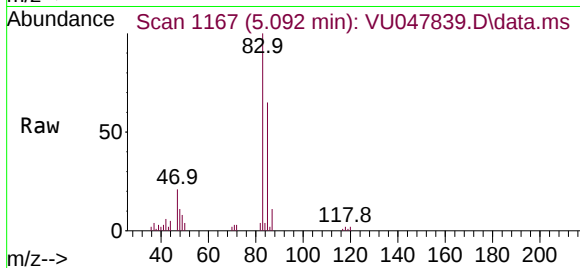
MDL02 0.8ppb

Tgt Ion: 83 Resp: 21480

Ion Ratio Lower Upper

83 100

85 65.1 0.0 131.6



#28

1,1,1-Trichloroethane

Concen: 0.898 ug/l

RT: 5.317 min Scan# 1237

Delta R.T. -0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

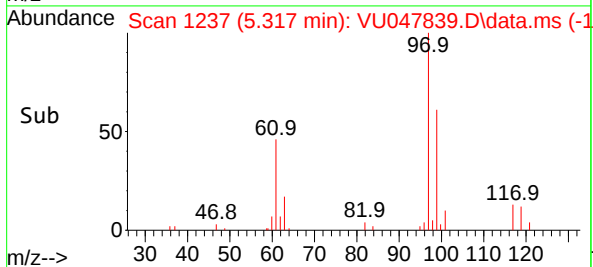
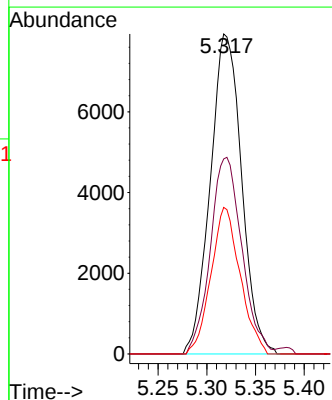
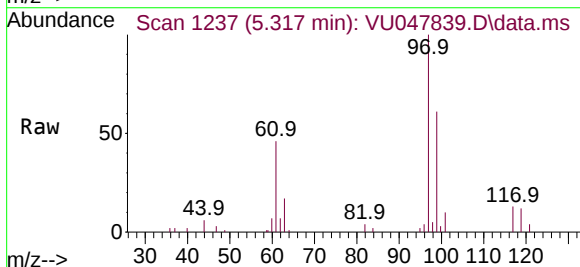
Tgt Ion: 97 Resp: 17734

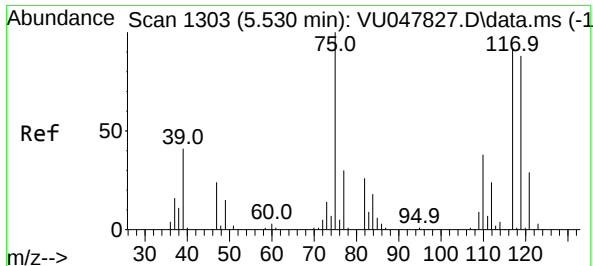
Ion Ratio Lower Upper

97 100

99 61.8 31.9 95.5

61 42.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.791 ug/l

RT: 5.530 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

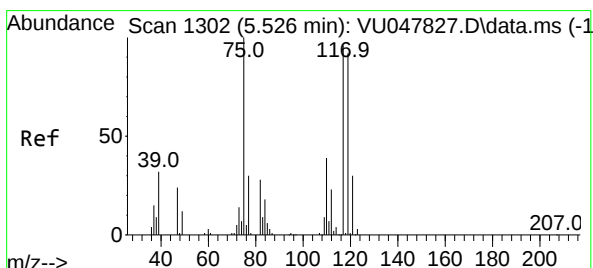
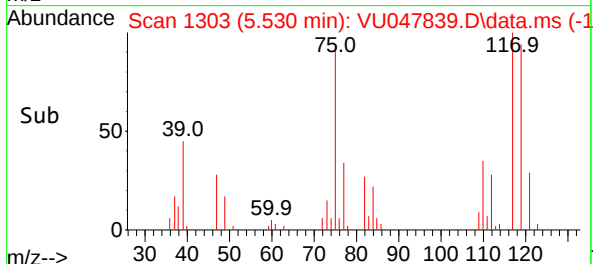
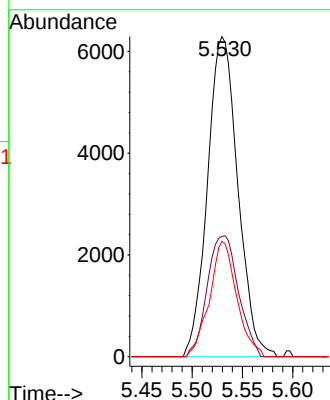
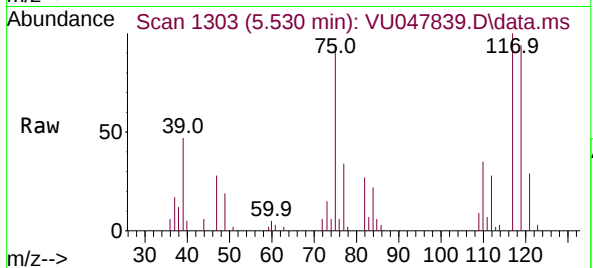
Tgt Ion: 75 Resp: 13203

Ion Ratio Lower Upper

75 100

110 38.7 19.1 57.5

77 32.3 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.856 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

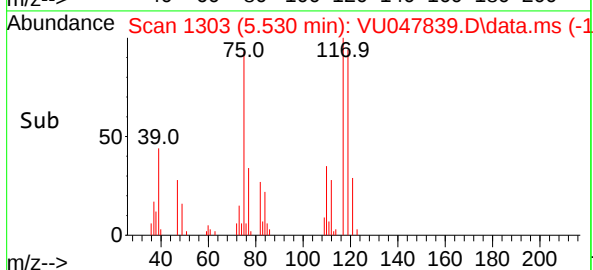
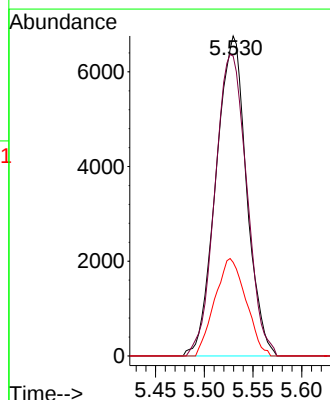
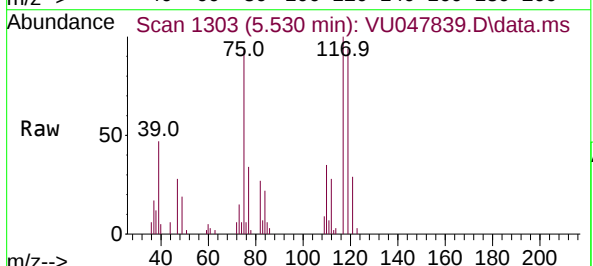
Tgt Ion: 117 Resp: 14710

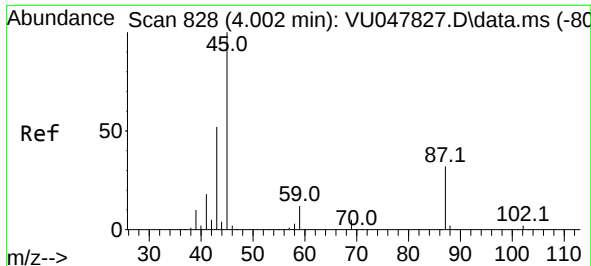
Ion Ratio Lower Upper

117 100

119 93.7 77.2 115.8

121 29.3 25.0 37.6

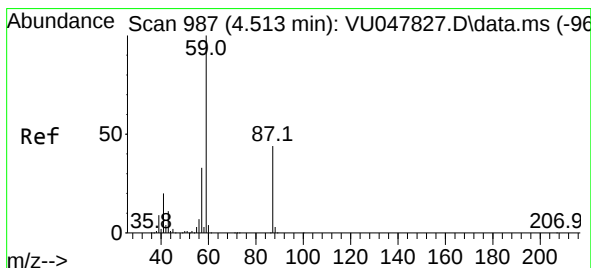
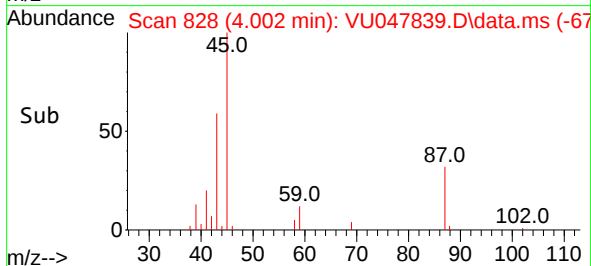
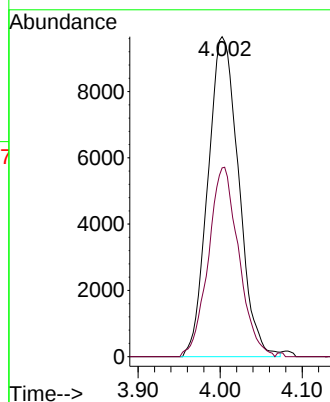
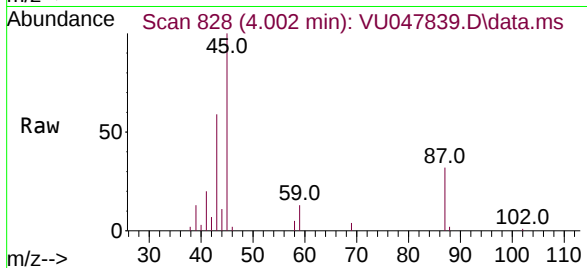




#31
Isopropyl Ether
Concen: 0.829 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

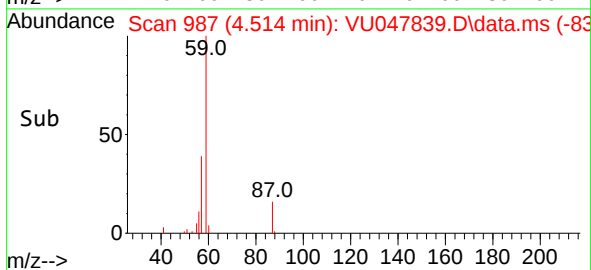
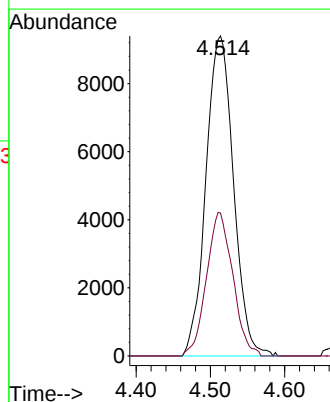
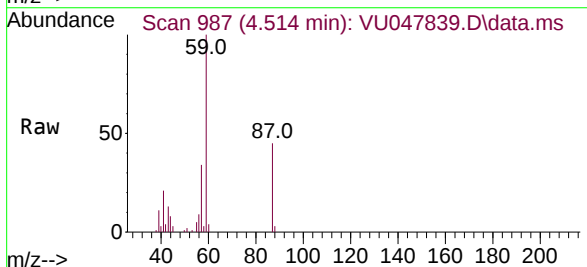
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

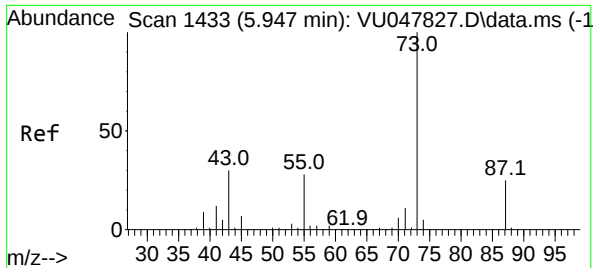
Tgt Ion: 45 Resp: 25203
Ion Ratio Lower Upper
45 100
43 58.5 26.1 78.2



#32
Ethyl-t-butyl ether
Concen: 0.824 ug/l
RT: 4.514 min Scan# 987
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 59 Resp: 24278
Ion Ratio Lower Upper
59 100
87 42.8 35.7 53.5

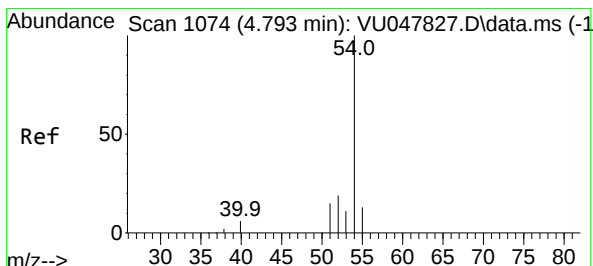
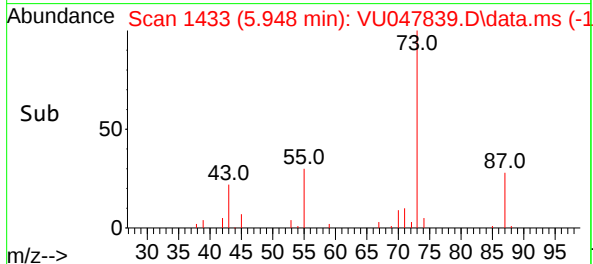
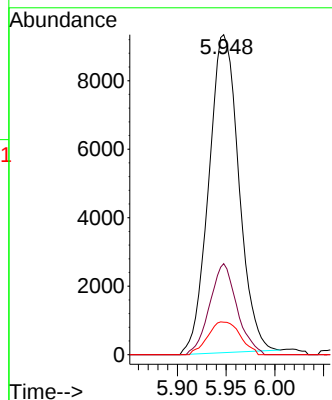
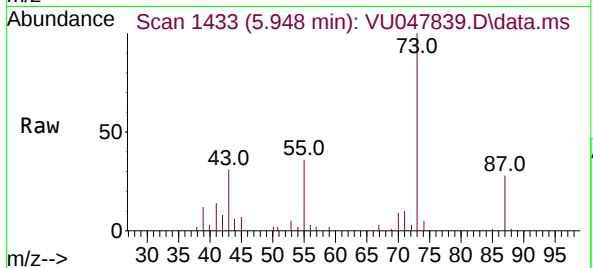




#33
Tert-Amyl methyl ether
Concen: 0.747 ug/l
RT: 5.948 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

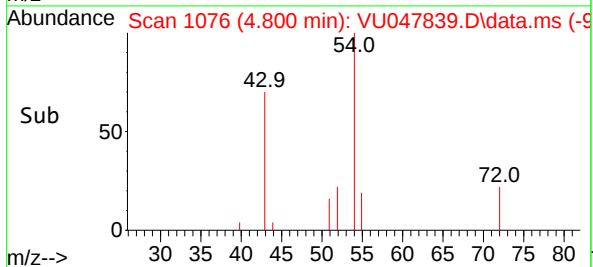
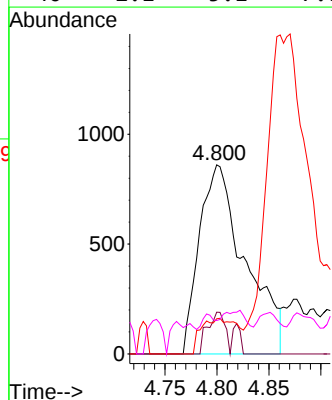
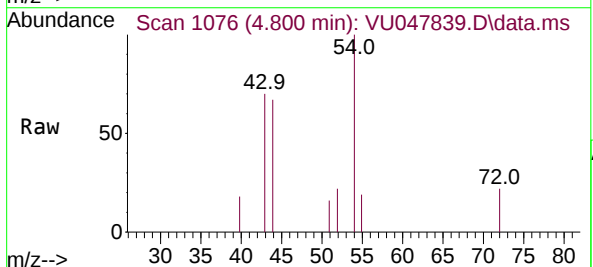
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

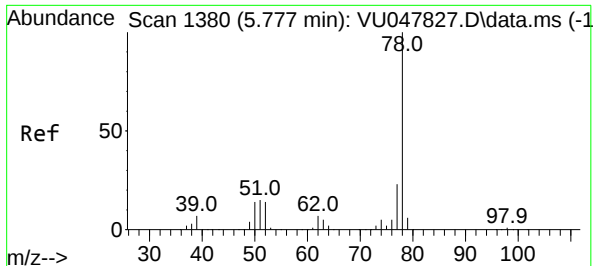
Tgt Ion: 73	Resp:	19923
Ion	Ratio	Lower Upper
73	100	
87	26.0	19.9 29.9
71	11.1	9.2 13.8



#34
Propionitrile
Concen: 2.519 ug/l
RT: 4.800 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 54	Resp:	2641
Ion	Ratio	Lower Upper
54	100	
52	8.4	16.2 24.4#
55	15.0	11.0 16.6
40	2.1	5.1 7.7#





#35

Benzene

Concen: 0.861 ug/l

RT: 5.777 min Scan# 1380

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

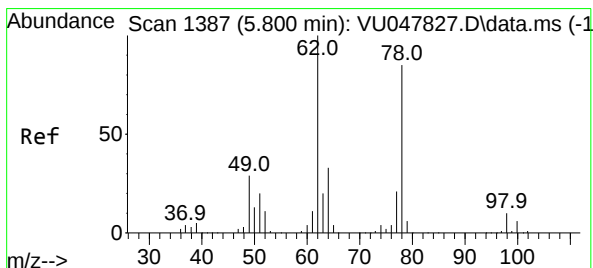
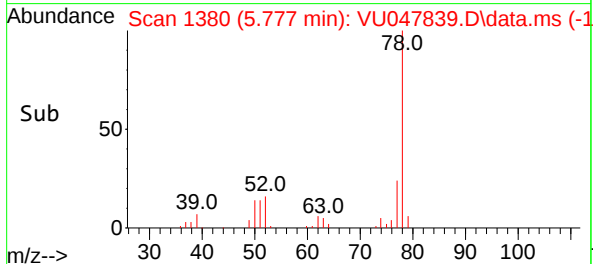
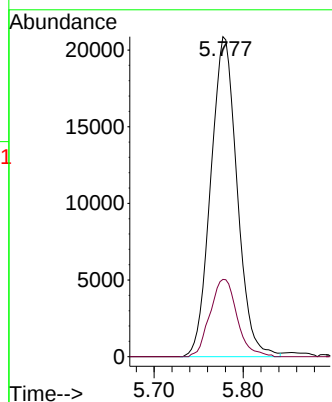
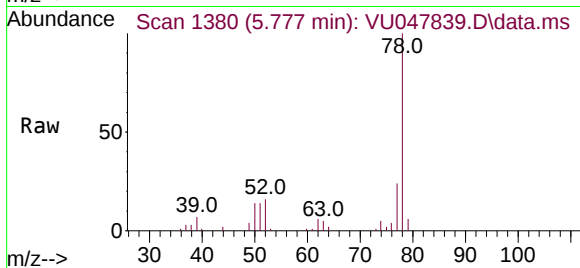
MDL02 0.8ppb

Tgt Ion: 78 Resp: 42930

Ion Ratio Lower Upper

78 100

77 24.1 18.7 28.1



#36

1,2-Dichloroethane

Concen: 0.896 ug/l

RT: 5.800 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VU047839.D

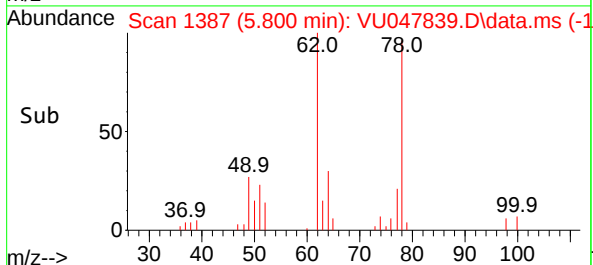
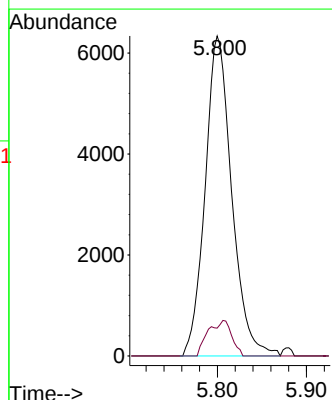
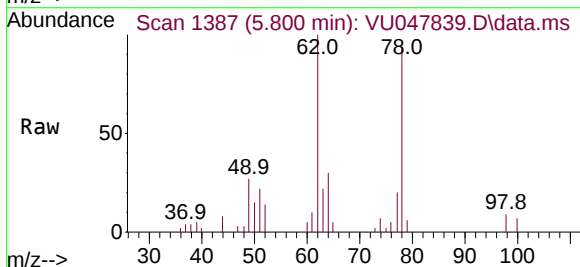
Acq: 06 Apr 2022 19:49

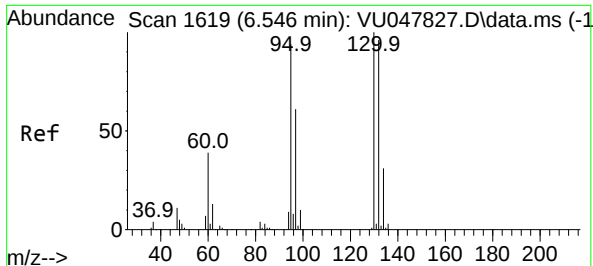
Tgt Ion: 62 Resp: 13151

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5

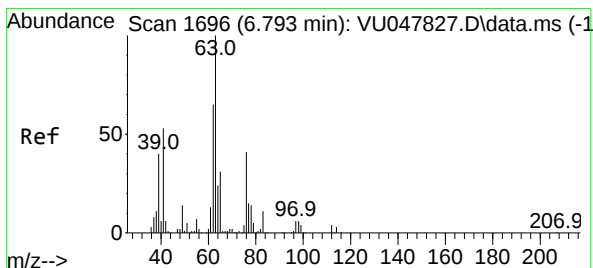
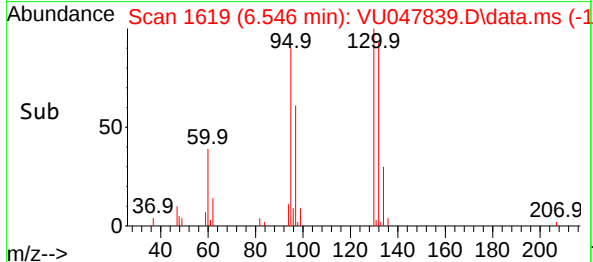
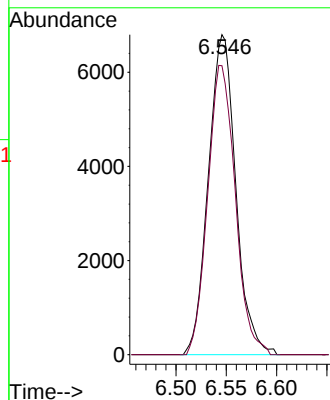
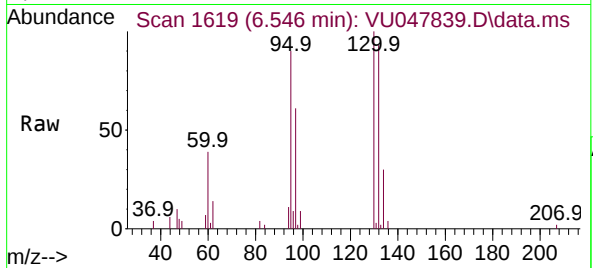




#37
Trichloroethene
Concen: 0.892 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

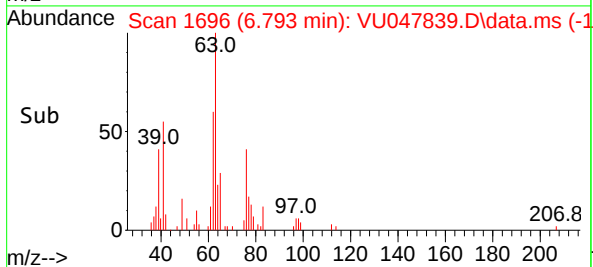
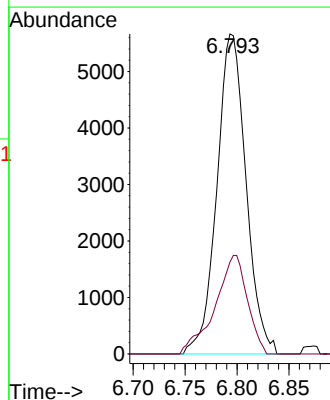
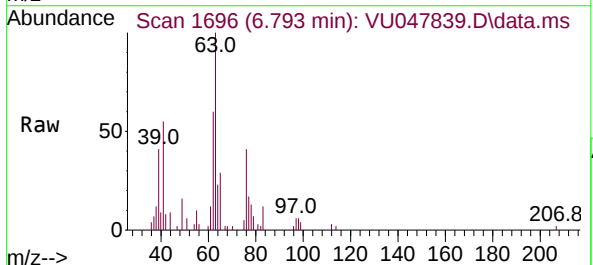
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

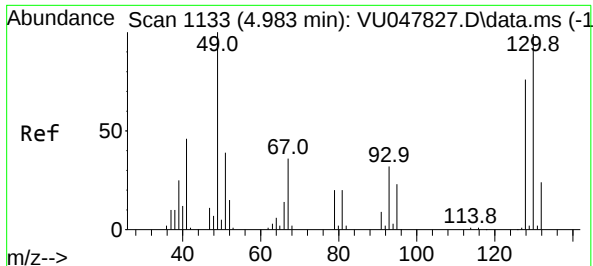
Tgt Ion:130 Resp: 12915
Ion Ratio Lower Upper
130 100
95 90.3 75.4 113.2



#38
1,2-Dichloropropane
Concen: 0.871 ug/l
RT: 6.793 min Scan# 1696
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 63 Resp: 11047
Ion Ratio Lower Upper
63 100
65 28.7 24.9 37.3





#39

Methacrylonitrile

Concen: 0.744 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU047839.D

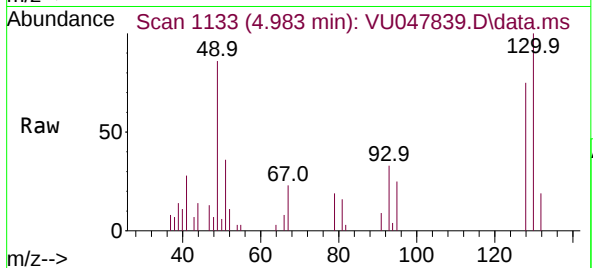
Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb



Tgt Ion: 41 Resp: 2775

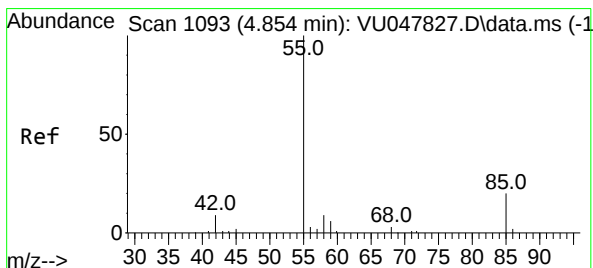
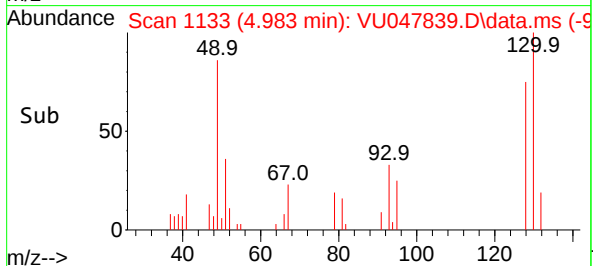
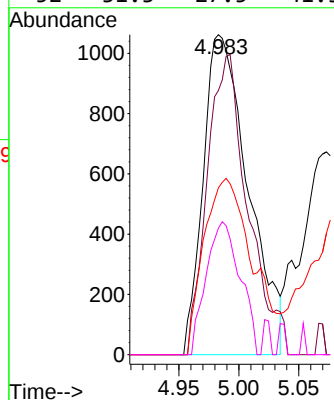
Ion Ratio Lower Upper

41 100

67 84.5 65.3 97.9

39 59.6 43.6 65.4

52 31.3 27.5 41.3



#40

Methyl acrylate

Concen: 0.629 ug/l

RT: 4.870 min Scan# 1098

Delta R.T. 0.016 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Tgt Ion: 55 Resp: 3831

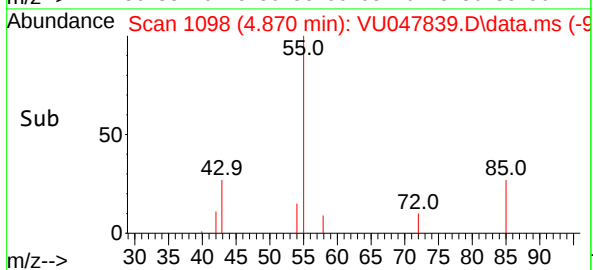
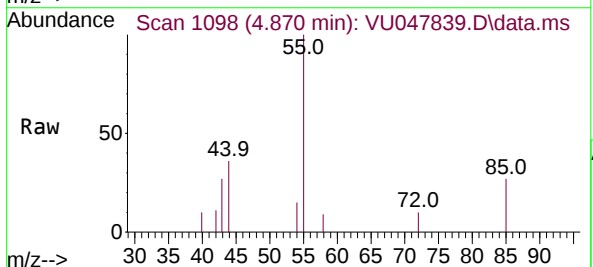
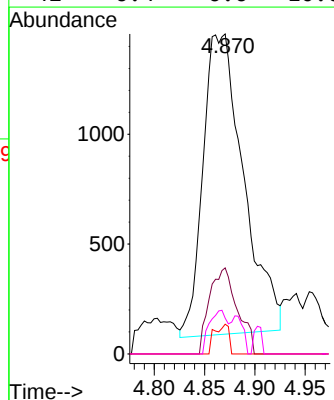
Ion Ratio Lower Upper

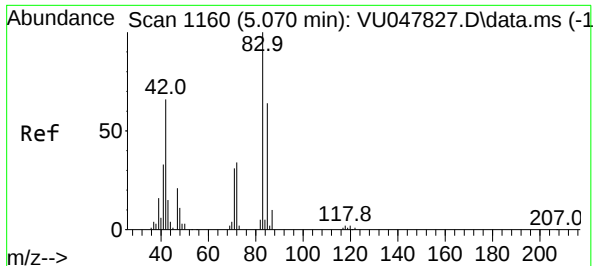
55 100

85 19.7 14.6 21.8

58 3.5 6.7 10.1#

42 6.4 6.6 10.0#





#41

Tetrahydrofuran

Concen: 0.487 ug/l

RT: 5.063 min Scan# 1158

Delta R.T. -0.006 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

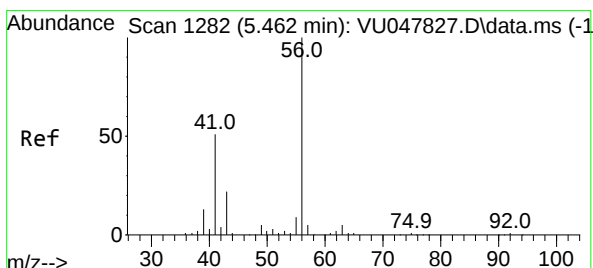
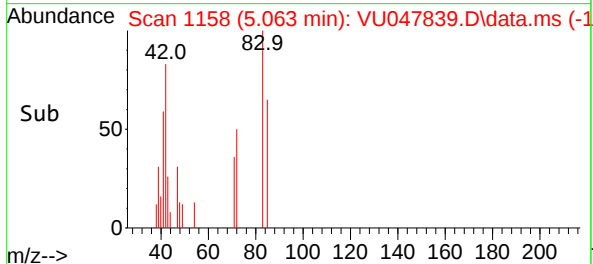
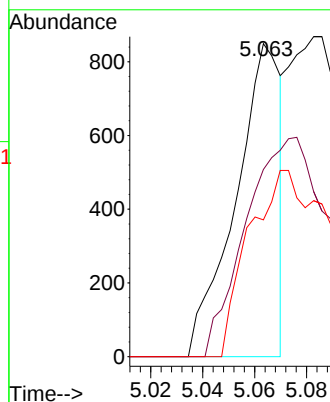
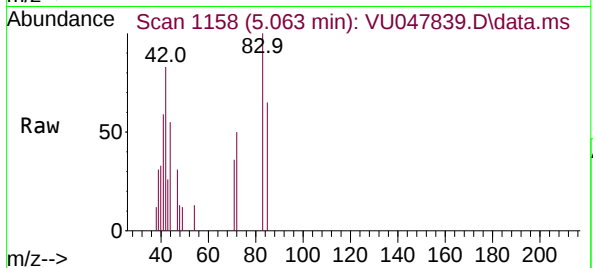
Tgt Ion: 42 Resp: 1024

Ion Ratio Lower Upper

42 100

72 147.0 43.8 65.8#

71 108.4 37.4 56.0#



#42

1-Chlorobutane

Concen: 0.840 ug/l

RT: 5.462 min Scan# 1282

Delta R.T. 0.000 min

Lab File: VU047839.D

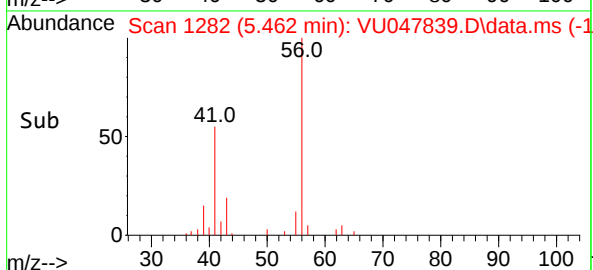
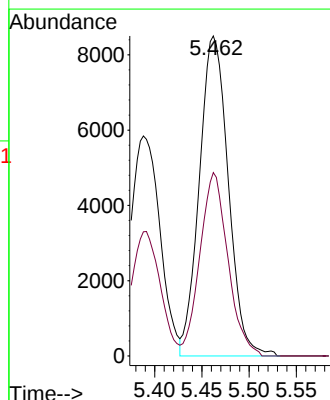
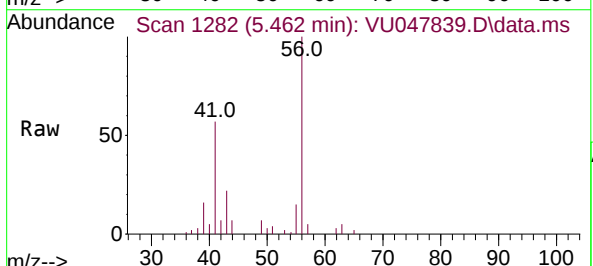
Acq: 06 Apr 2022 19:49

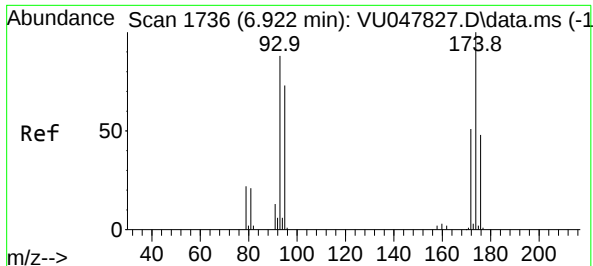
Tgt Ion: 56 Resp: 18102

Ion Ratio Lower Upper

56 100

41 55.5 25.6 76.6

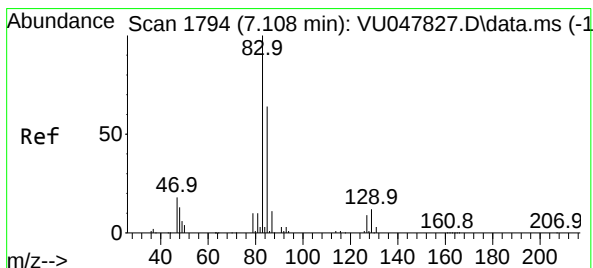
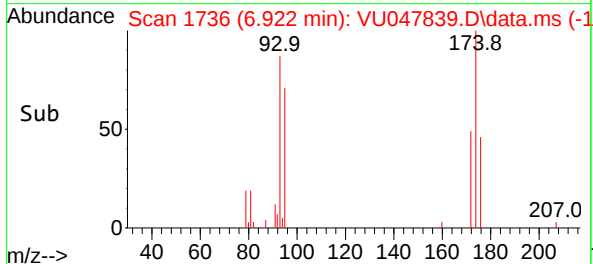
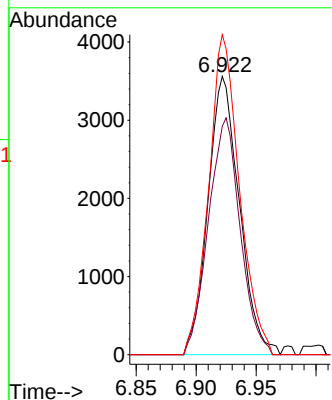
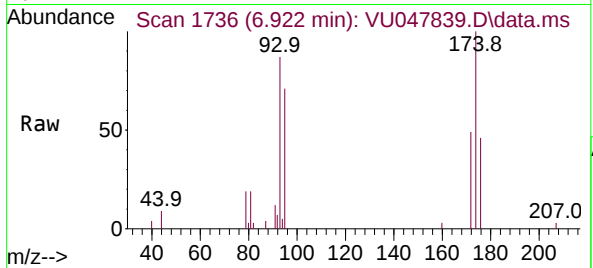




#43
Dibromomethane
Concen: 0.890 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

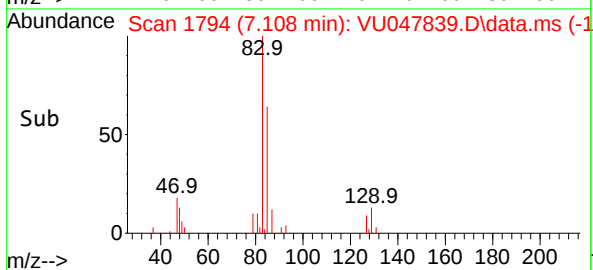
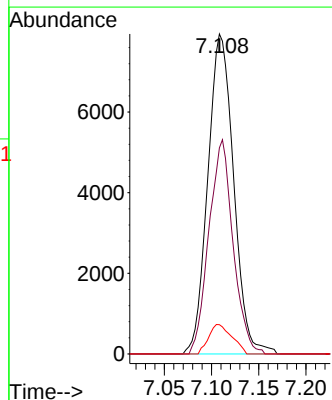
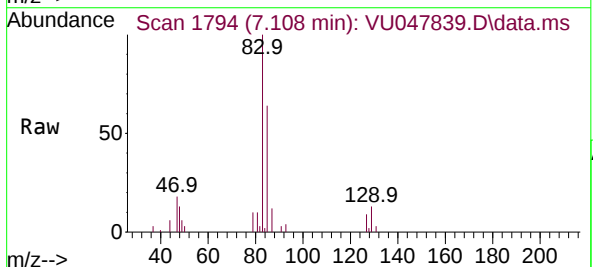
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

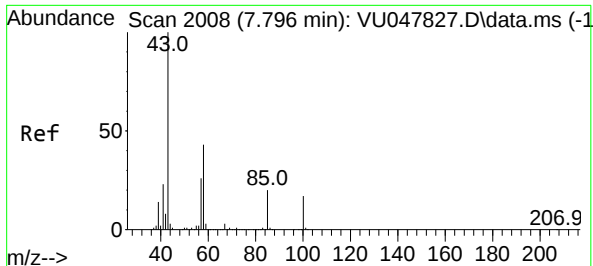
Tgt Ion:	93	Resp:	6485
Ion	Ratio	Lower	Upper
93	100		
95	85.7	67.0	100.4
174	112.5	89.8	134.8



#44
Bromodichloromethane
Concen: 0.895 ug/l
RT: 7.108 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:	83	Resp:	15087
Ion	Ratio	Lower	Upper
83	100		
85	64.4	50.8	76.2
127	9.2	7.4	11.2





#45

4-Methyl-2-Pentanone

Concen: 3.934 ug/l

RT: 7.800 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

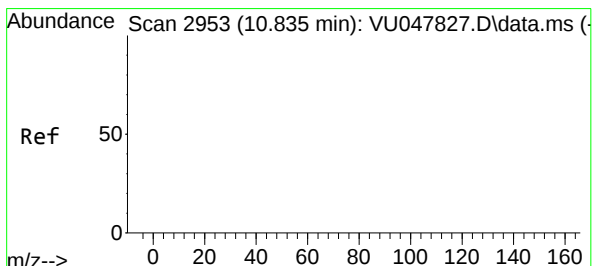
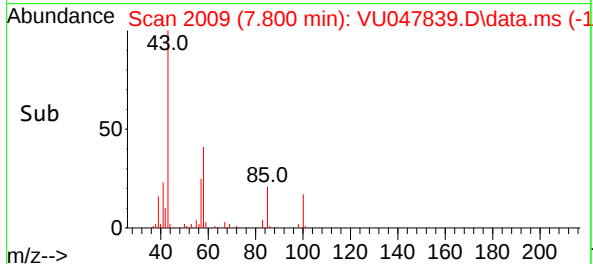
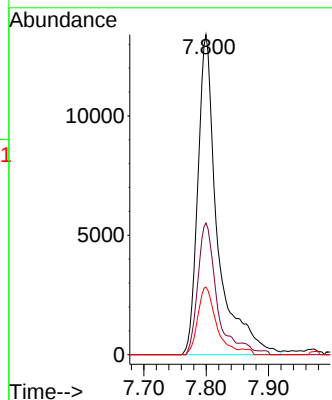
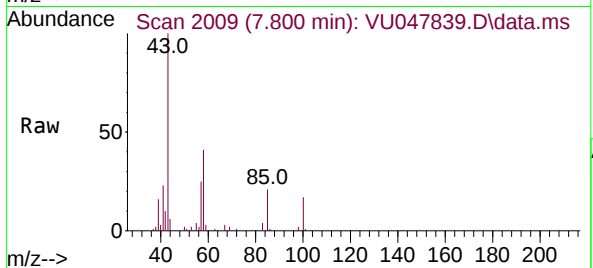
Tgt Ion: 43 Resp: 29410

Ion Ratio Lower Upper

43 100

58 37.9 21.1 63.4

85 19.6 16.2 24.2



#46

t-1,4-Dichloro-2-butene

Concen: 3.684 ug/l

RT: 10.832 min Scan# 2952

Delta R.T. -0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Tgt Ion: 75 Resp: 13006

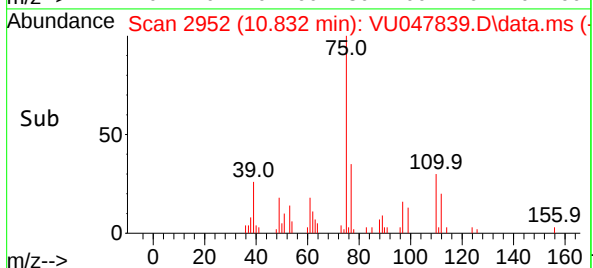
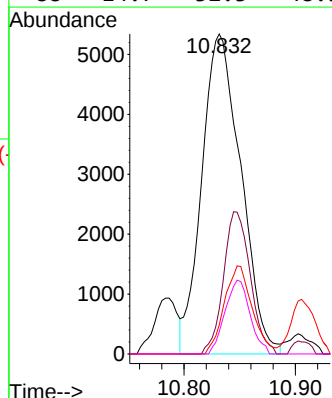
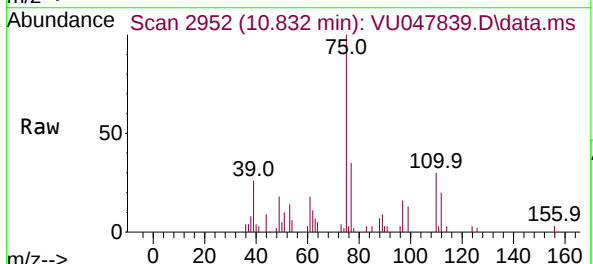
Ion Ratio Lower Upper

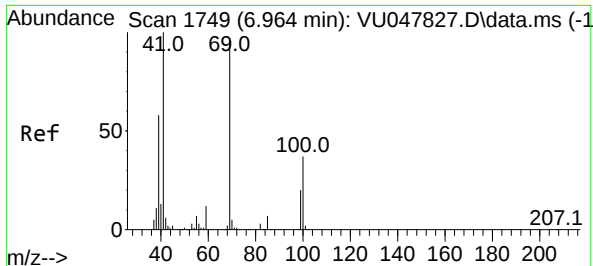
75 100

53 30.5 63.4 95.2#

89 19.7 43.6 65.4#

88 14.7 32.3 48.5#





#47

Methyl methacrylate

Concen: 1.317 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

Tgt Ion: 69 Resp: 7695

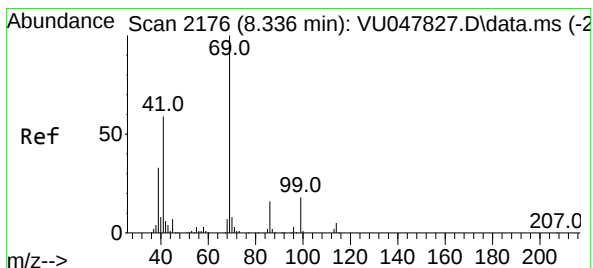
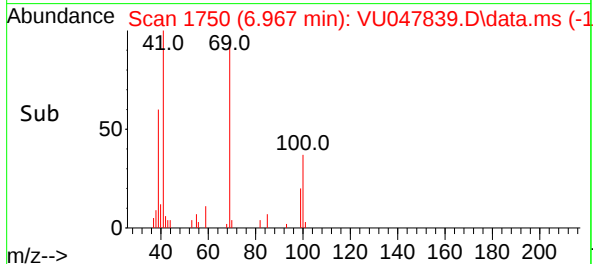
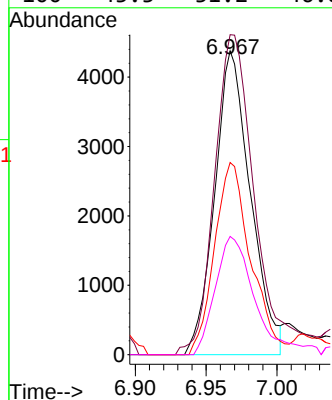
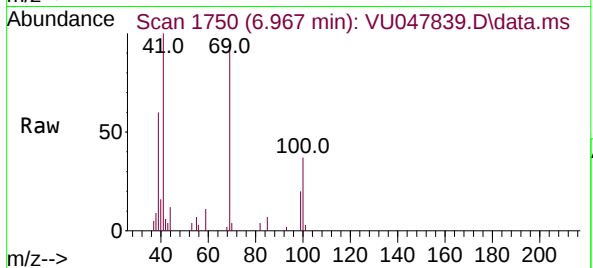
Ion Ratio Lower Upper

69 100

41 119.2 0.0 205.0

39 64.3 47.9 71.9

100 43.3 31.2 46.8



#48

Ethyl methacrylate

Concen: 0.727 ug/l

RT: 8.340 min Scan# 2177

Delta R.T. 0.003 min

Lab File: VU047839.D

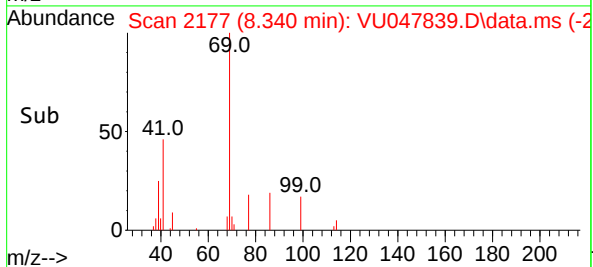
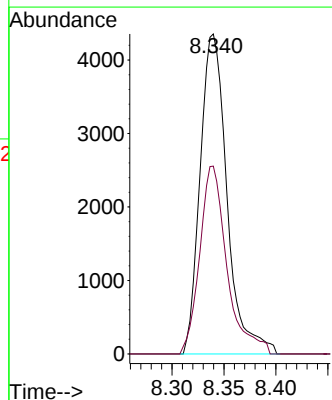
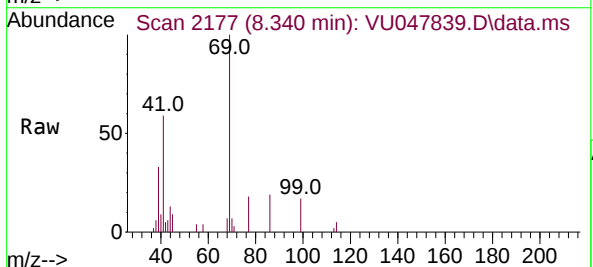
Acq: 06 Apr 2022 19:49

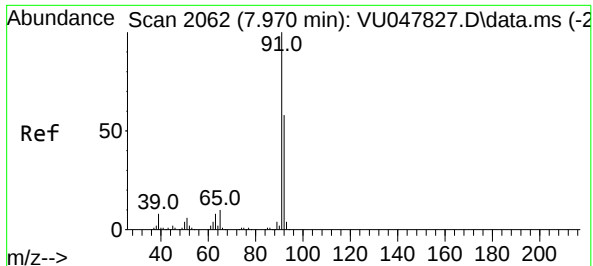
Tgt Ion: 69 Resp: 7827

Ion Ratio Lower Upper

69 100

41 59.5 29.8 89.4





#49

Toluene

Concen: 0.797 ug/l

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

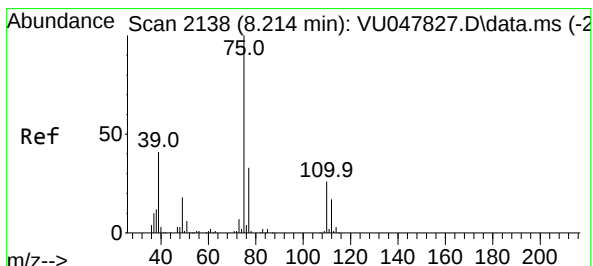
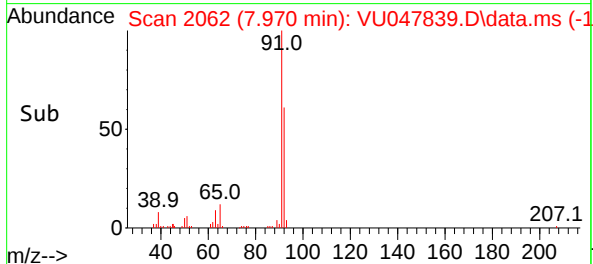
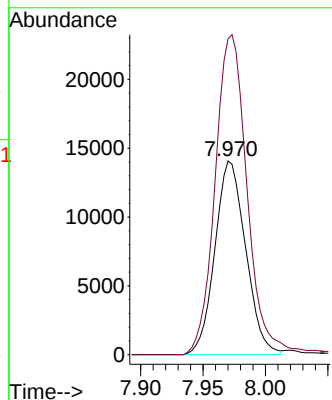
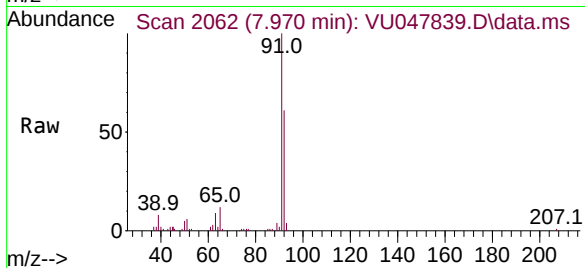
MDL02 0.8ppb

Tgt Ion: 92 Resp: 24186

Ion Ratio Lower Upper

92 100

91 173.4 137.4 206.0



#50

t-1,3-Dichloropropene

Concen: 0.805 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047839.D

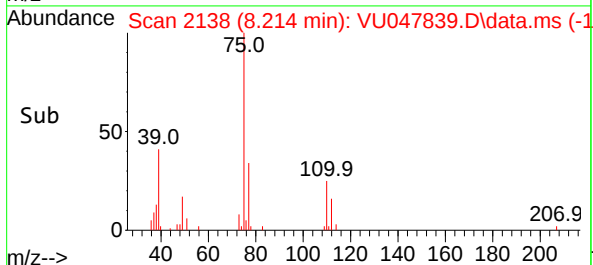
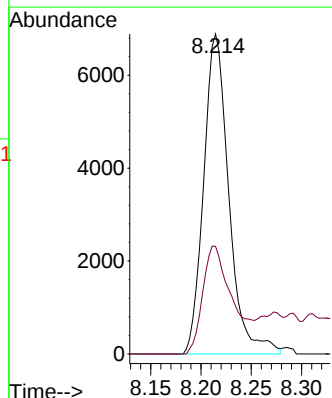
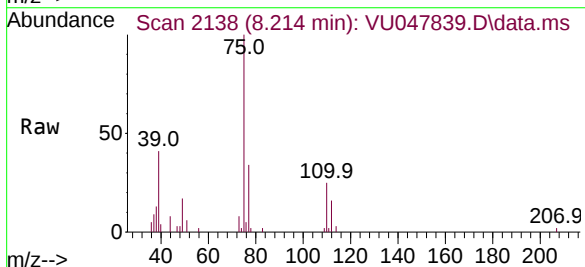
Acq: 06 Apr 2022 19:49

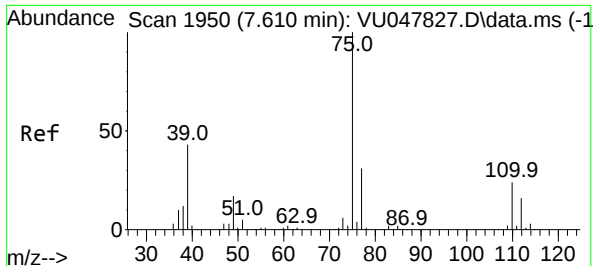
Tgt Ion: 75 Resp: 11989

Ion Ratio Lower Upper

75 100

77 33.6 26.0 39.0





#51

cis-1,3-Dichloropropene

Concen: 0.794 ug/l

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.8ppb

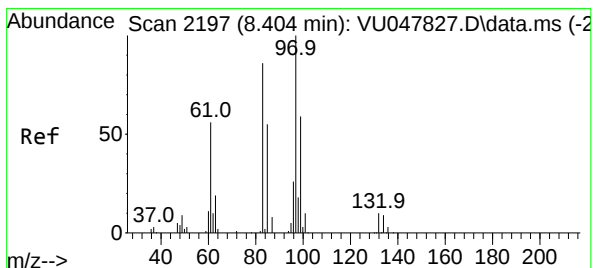
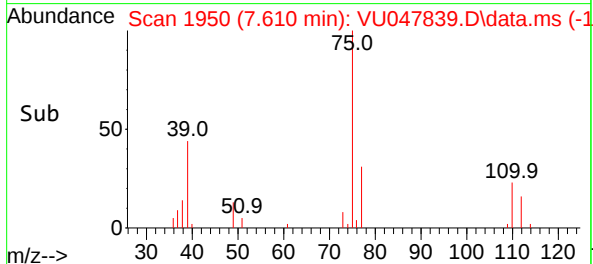
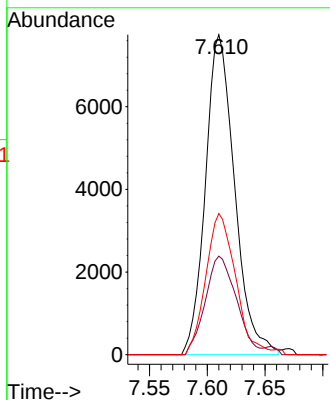
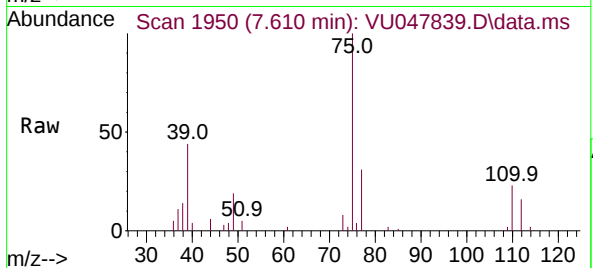
Tgt Ion: 75 Resp: 13610

Ion Ratio Lower Upper

75 100

77 30.8 25.1 37.7

39 44.1 34.2 51.4



#52

1,1,2-Trichloroethane

Concen: 0.895 ug/l

RT: 8.404 min Scan# 2197

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Tgt Ion: 97 Resp: 9220

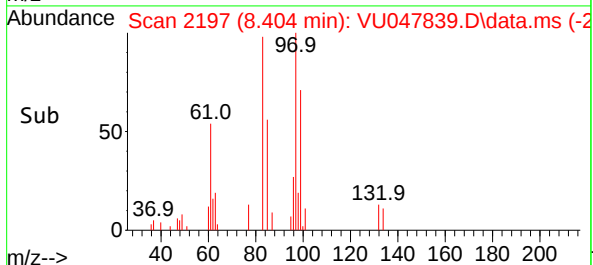
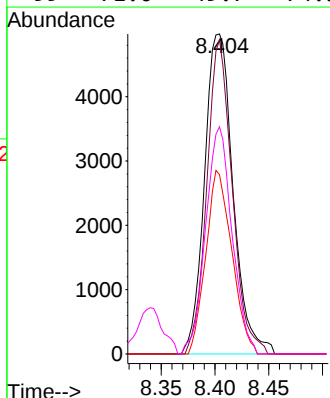
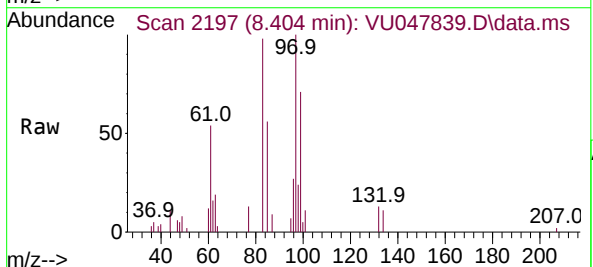
Ion Ratio Lower Upper

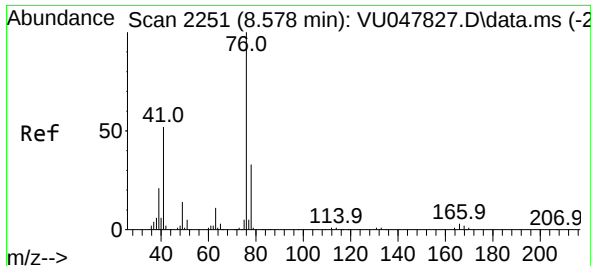
97 100

83 98.2 68.8 103.2

85 56.1 44.2 66.4

99 71.0 49.7 74.5





#53

1,3-Dichloropropane

Concen: 0.843 ug/l

RT: 8.578 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

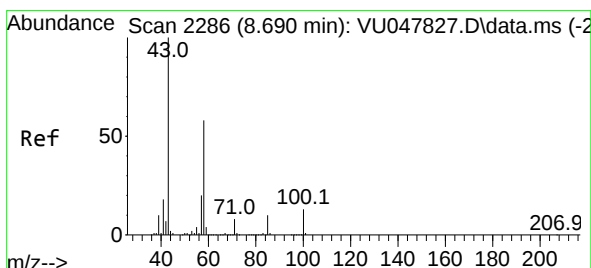
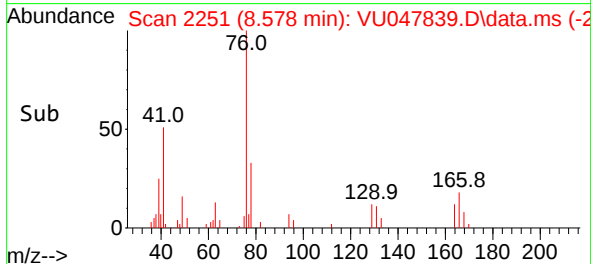
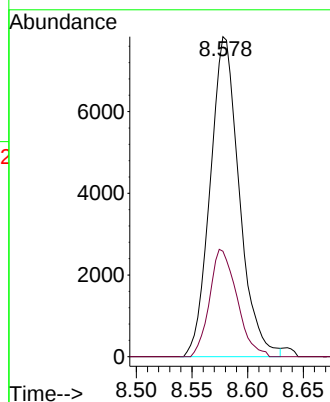
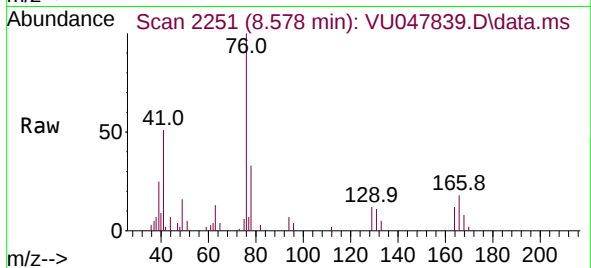
MDL02 0.8ppb

Tgt Ion: 76 Resp: 14232

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#54

2-Hexanone

Concen: 3.711 ug/l

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

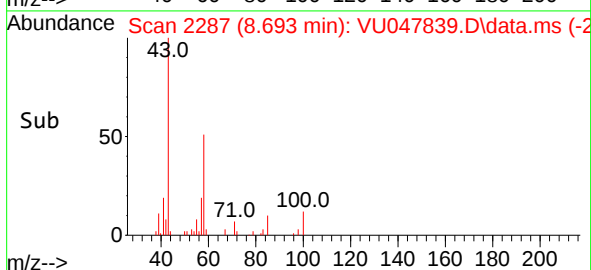
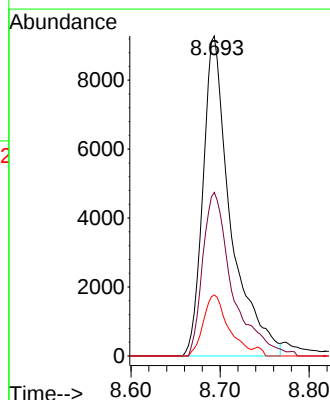
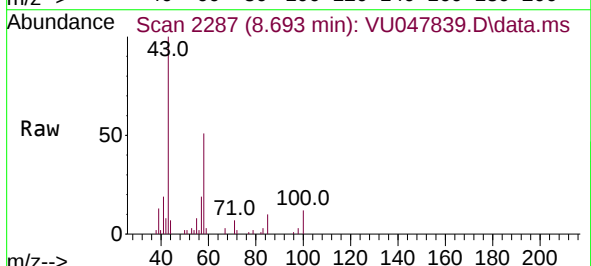
Tgt Ion: 43 Resp: 19945

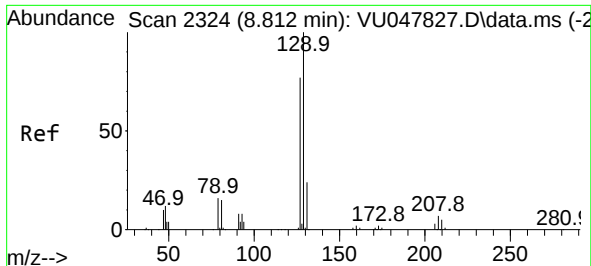
Ion Ratio Lower Upper

43 100

58 54.9 37.9 77.9

57 17.3 0.0 39.5

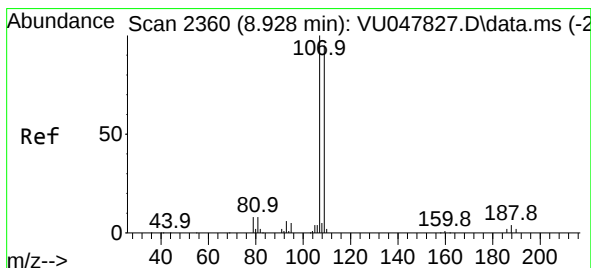
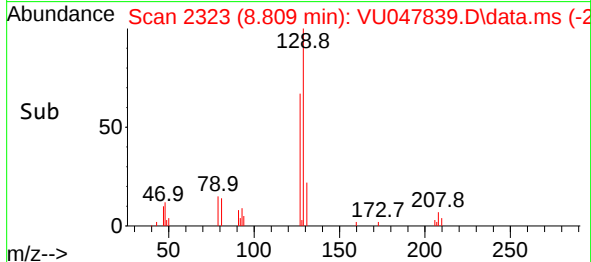
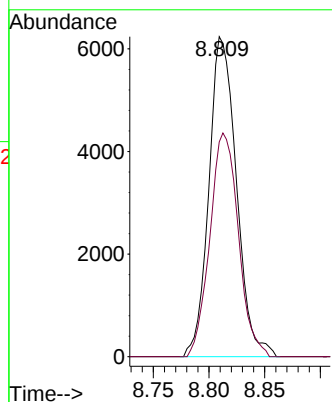
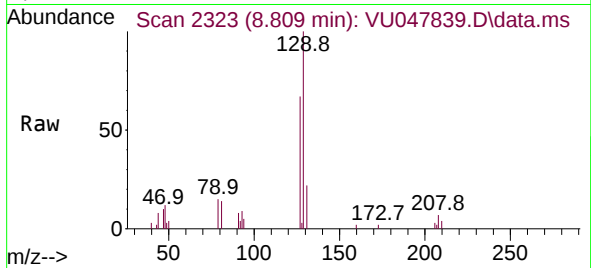




#55
Dibromochloromethane
Concen: 0.873 ug/l
RT: 8.809 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

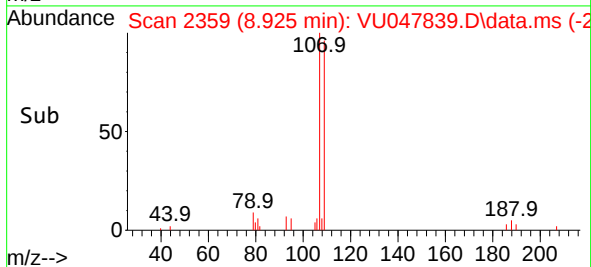
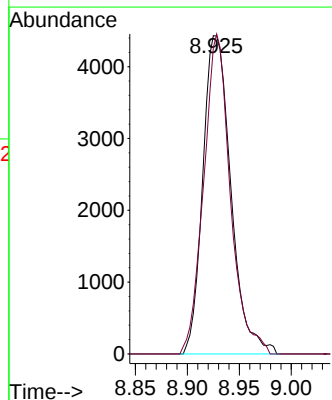
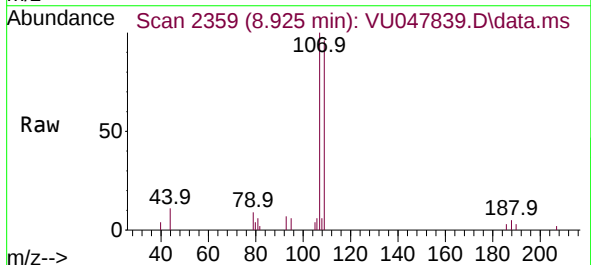
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

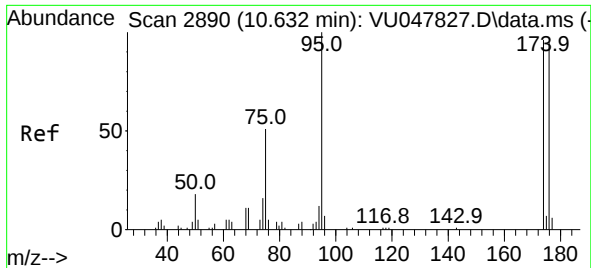
Tgt Ion:129 Resp: 10715
Ion Ratio Lower Upper
129 100
127 72.4 61.8 92.8



#56
1,2-Dibromoethane
Concen: 0.846 ug/l
RT: 8.925 min Scan# 2359
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:107 Resp: 8318
Ion Ratio Lower Upper
107 100
109 95.5 0.0 186.8

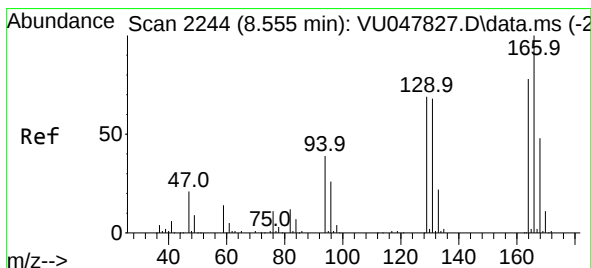
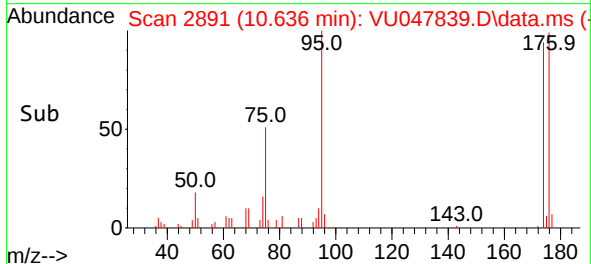
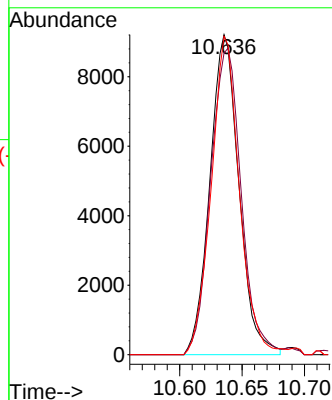
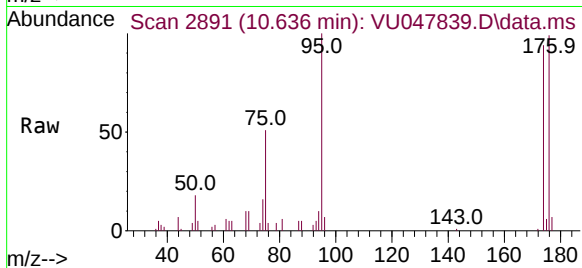




#57
4-Bromofluorobenzene
Concen: 0.915 ug/l
RT: 10.636 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

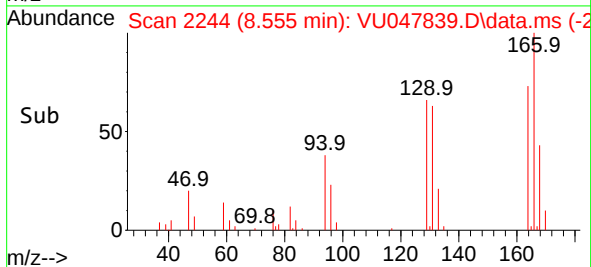
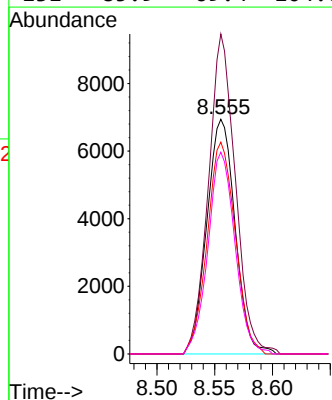
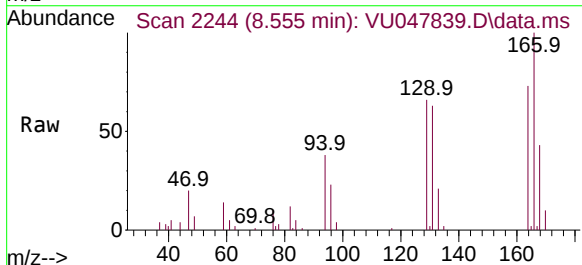
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

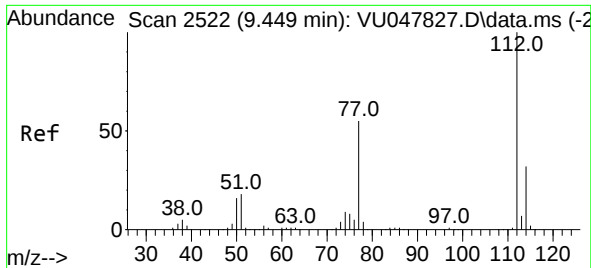
Tgt Ion: 95 Resp: 14944
Ion Ratio Lower Upper
95 100
174 100.6 76.9 115.3
176 96.9 76.4 114.6



#58
Tetrachloroethene
Concen: 0.910 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:164 Resp: 11804
Ion Ratio Lower Upper
164 100
166 136.3 102.6 154.0
129 90.2 71.1 106.7
131 85.9 69.4 104.0

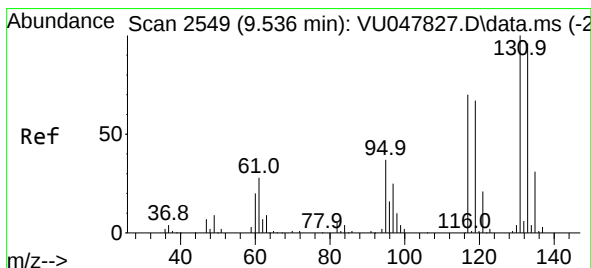
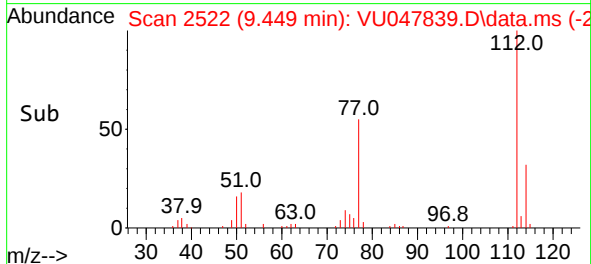
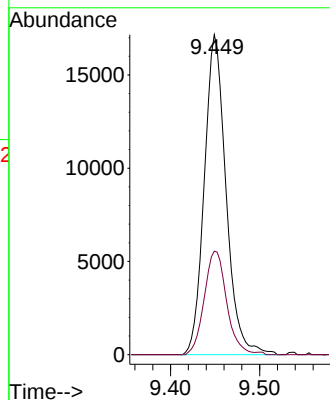
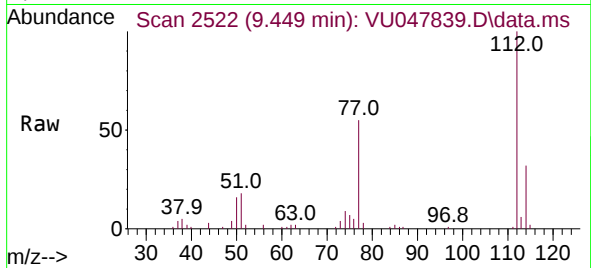




#59
Chlorobenzene
Concen: 0.813 ug/l
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

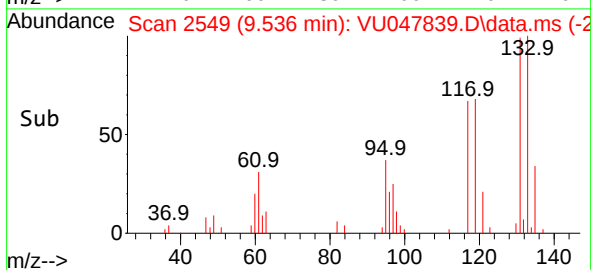
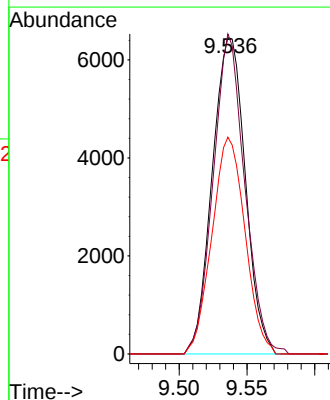
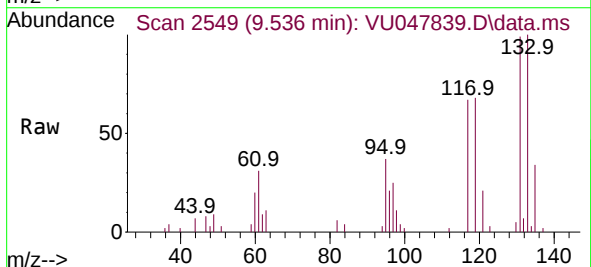
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

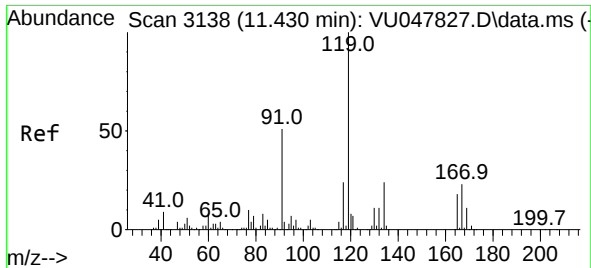
Tgt Ion:112 Resp: 29055
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#60
1,1,1,2-Tetrachloroethane
Concen: 0.862 ug/l
RT: 9.536 min Scan# 2549
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:131 Resp: 10935
Ion Ratio Lower Upper
131 100
133 96.8 76.6 115.0
119 68.7 53.1 79.7

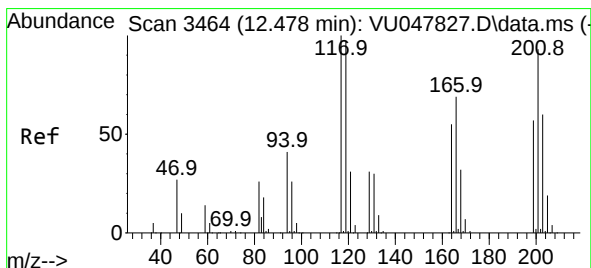
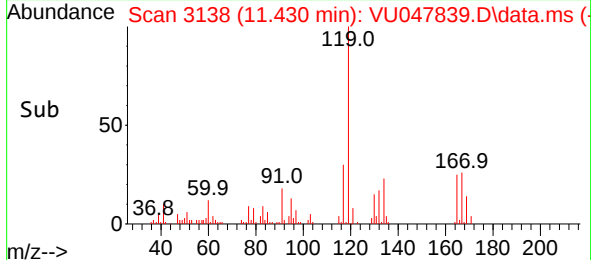
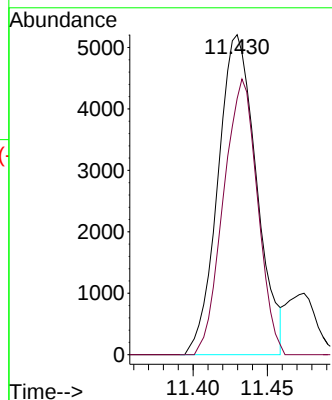
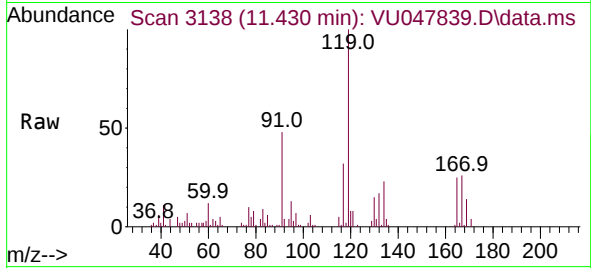




#61
Pentachloroethane
Concen: 0.891 ug/l
RT: 11.430 min Scan# 3138
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

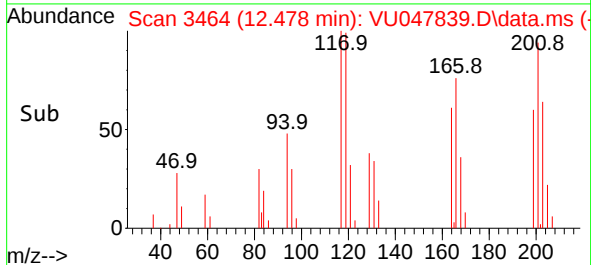
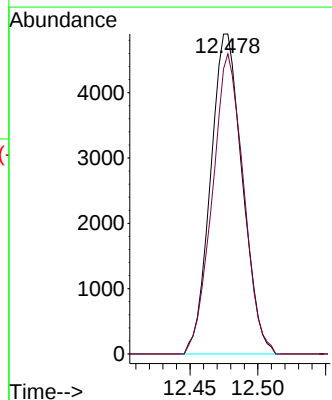
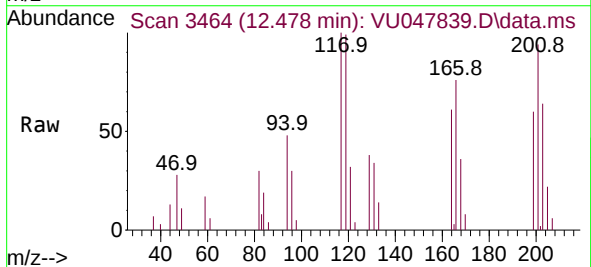
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

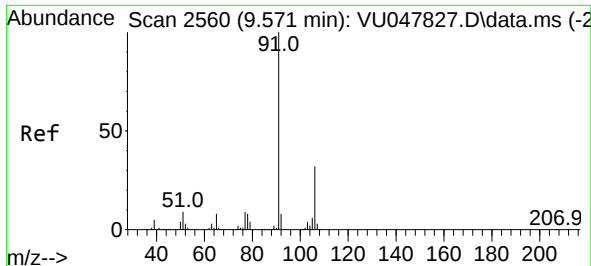
Tgt Ion:117 Resp: 9411
Ion Ratio Lower Upper
117 100
167 75.9 71.0 106.4



#62
Hexachloroethane
Concen: 0.830 ug/l
RT: 12.478 min Scan# 3464
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:117 Resp: 7992
Ion Ratio Lower Upper
117 100
201 91.9 74.8 112.2

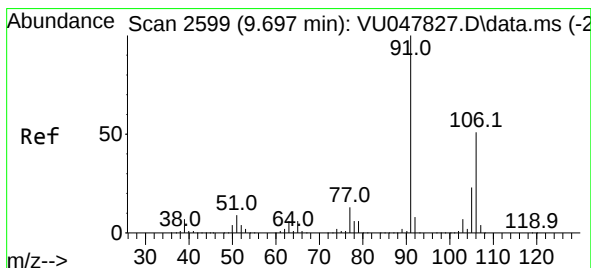
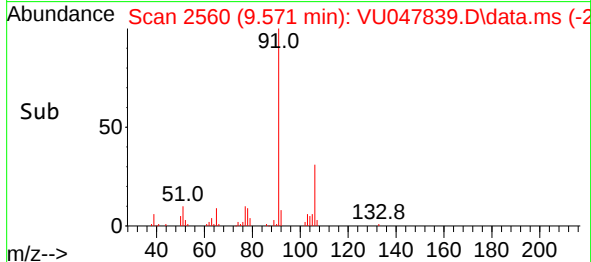
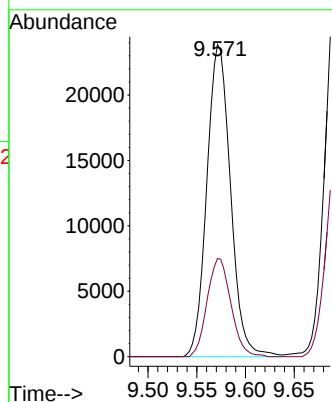
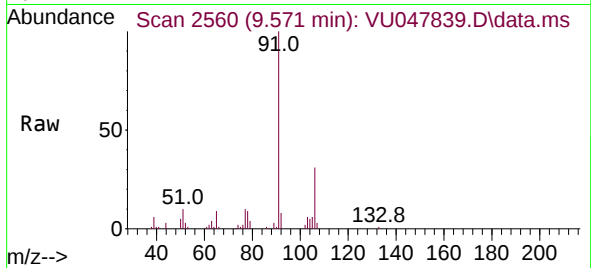




#63
Ethyl Benzene
Concen: 0.732 ug/l
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

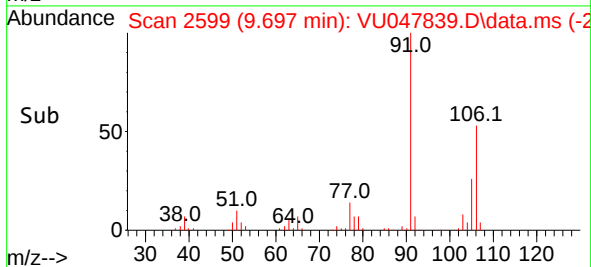
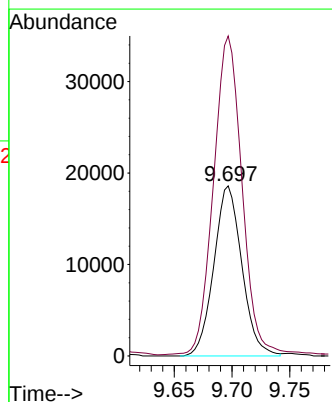
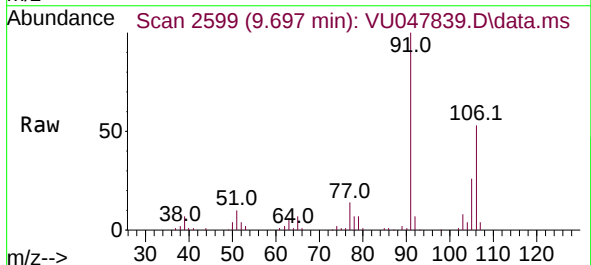
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

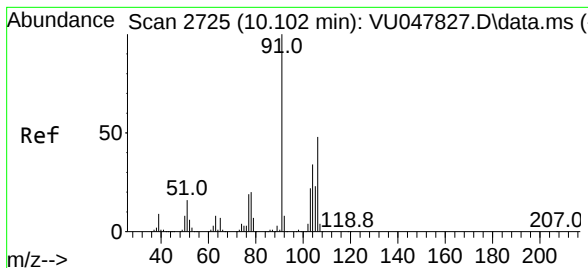
Tgt Ion: 91 Resp: 40327
Ion Ratio Lower Upper
91 100
106 31.4 25.4 38.0



#64
m/p-Xylenes
Concen: 1.430 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 106 Resp: 31372
Ion Ratio Lower Upper
106 100
91 191.6 158.2 237.4





#65

o-Xylene

Concen: 0.721 ug/l

RT: 10.102 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

Instrument :

MSVOA_U

ClientSampleId :

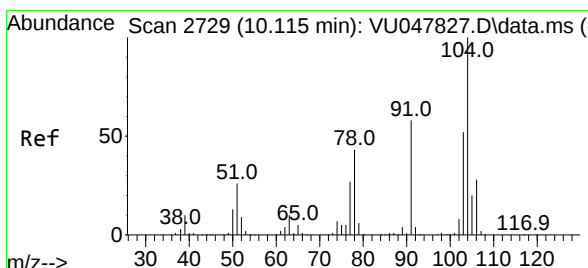
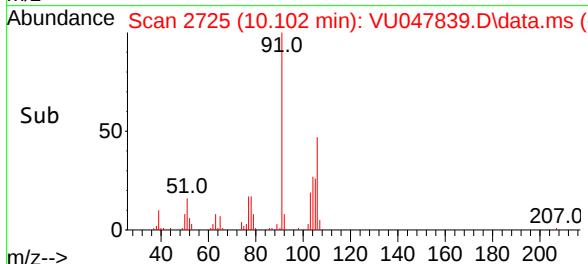
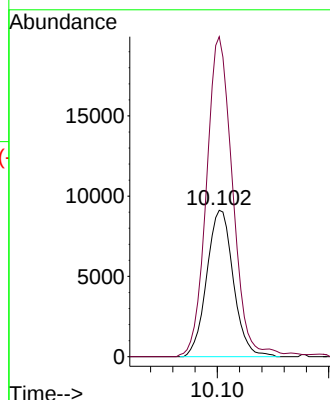
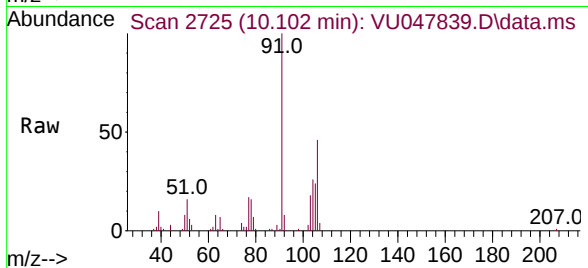
MDL02 0.8ppb

Tgt Ion:106 Resp: 15118

Ion Ratio Lower Upper

106 100

91 214.6 105.4 316.2



#66

Styrene

Concen: 0.700 ug/l

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU047839.D

Acq: 06 Apr 2022 19:49

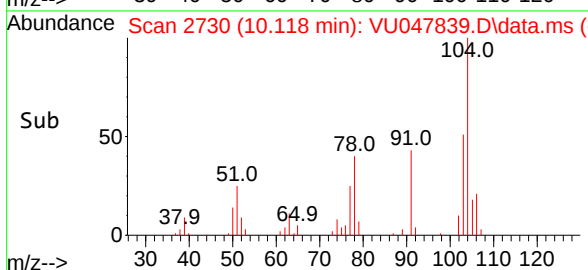
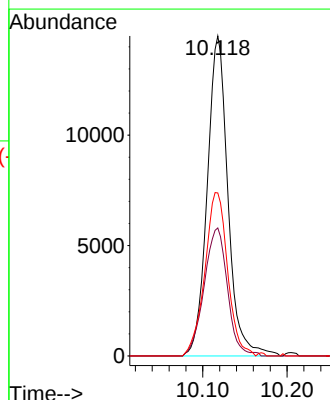
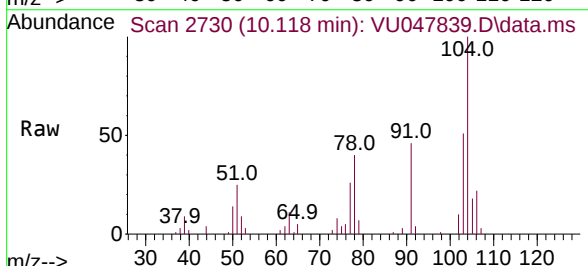
Tgt Ion:104 Resp: 24849

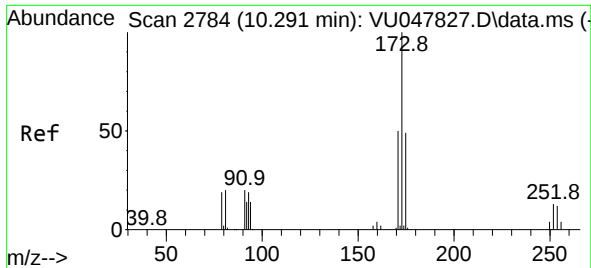
Ion Ratio Lower Upper

104 100

78 44.8 37.1 55.7

103 56.0 44.1 66.1

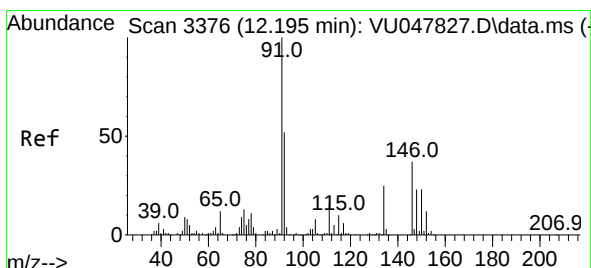
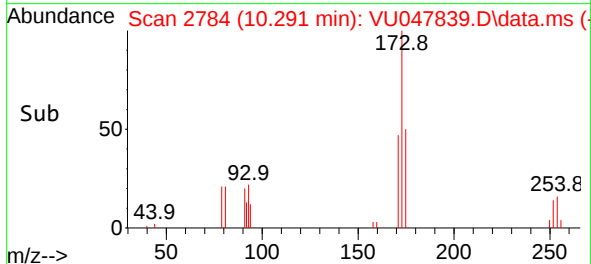
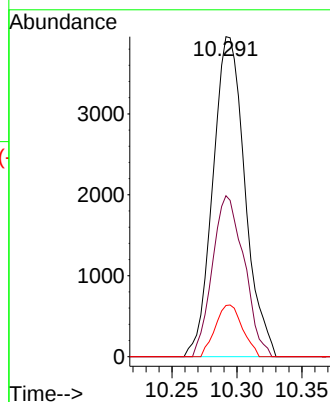
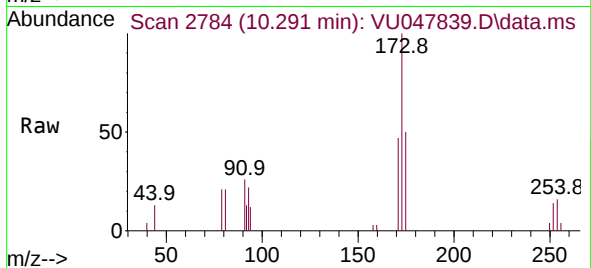




#67
Bromoform
Concen: 0.868 ug/l
RT: 10.291 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

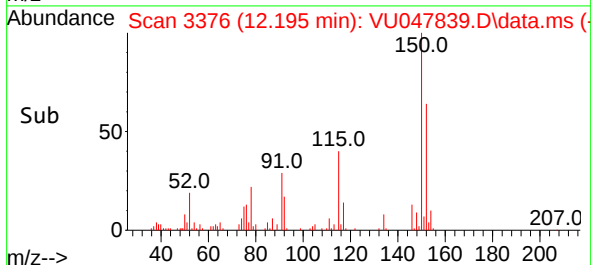
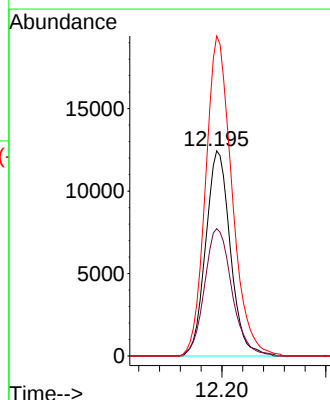
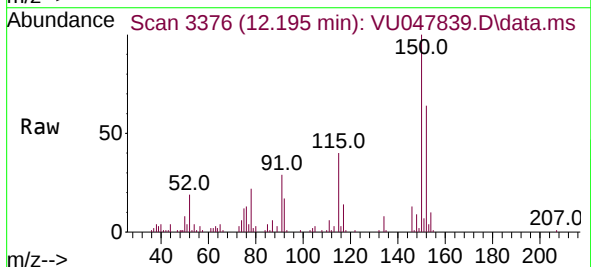
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

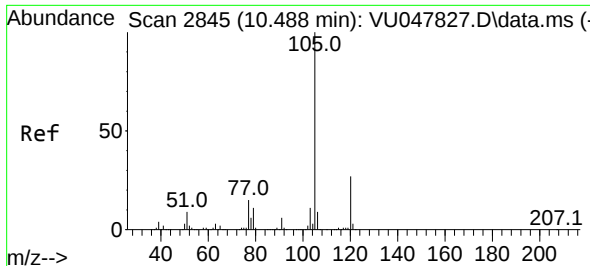
Tgt Ion:	173	Resp:	6775
Ion Ratio	Lower	Upper	
173	100		
175	49.8	39.0	58.4
254	13.7	9.4	14.2



#68
1,2-Dichlorobenzene-d4
Concen: 1.036 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:	152	Resp:	20435
Ion Ratio	Lower	Upper	
152	100		
115	69.1	0.0	255.8
150	167.1	0.0	659.8

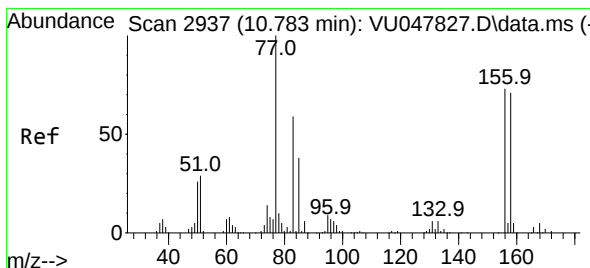
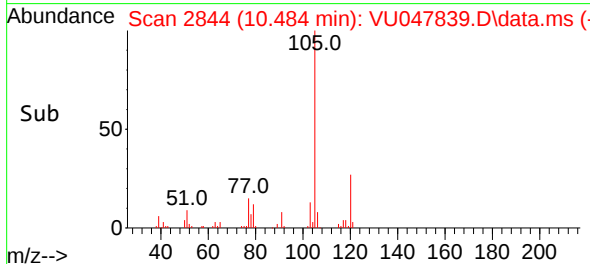
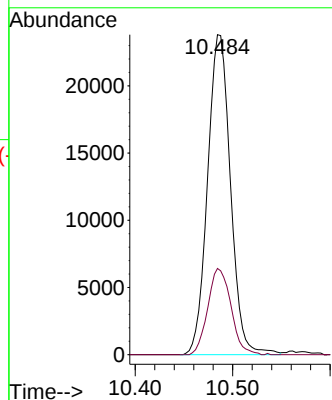
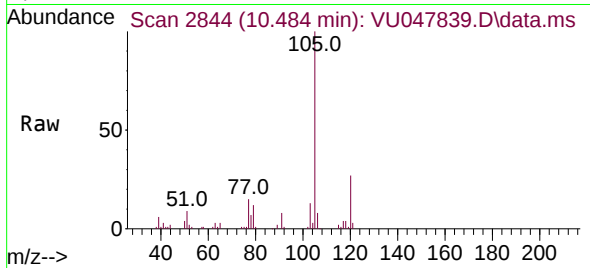




#69
Isopropylbenzene
Concen: 0.710 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

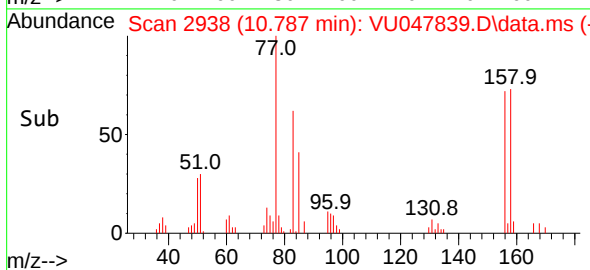
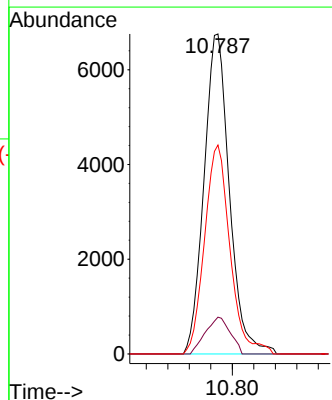
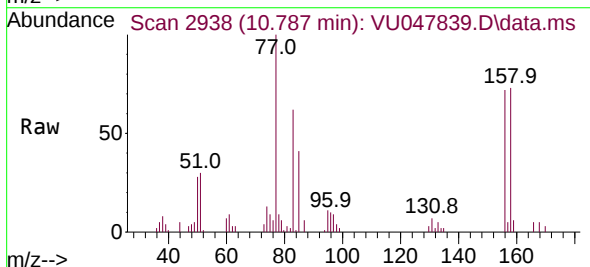
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

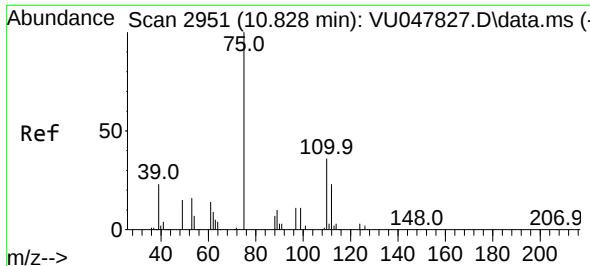
Tgt Ion:105 Resp: 38934
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.832 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 83 Resp: 11068
Ion Ratio Lower Upper
83 100
131 11.2 8.2 12.4
85 65.5 52.6 79.0

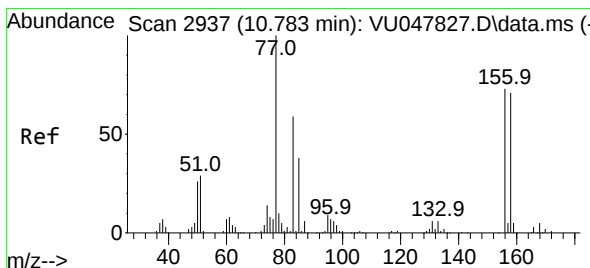
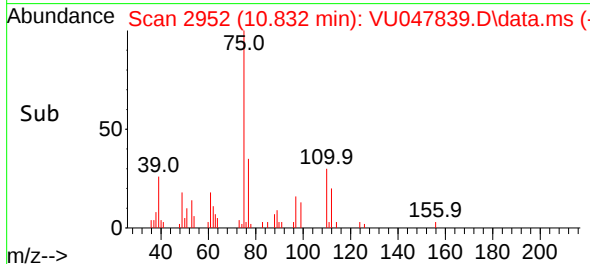
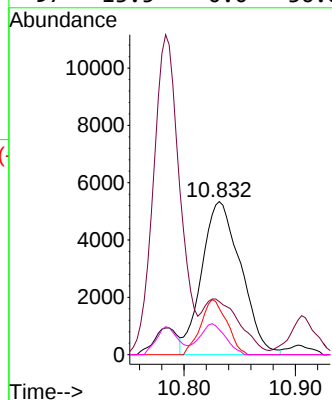
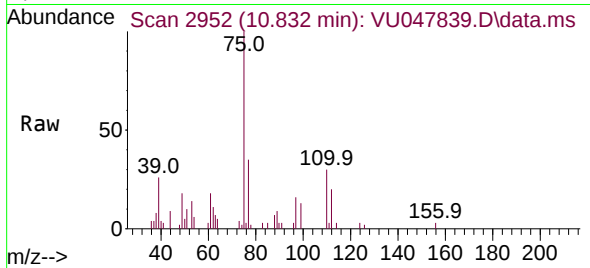




#71
1,2,3-Trichloropropane
Concen: 1.287 ug/l
RT: 10.832 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

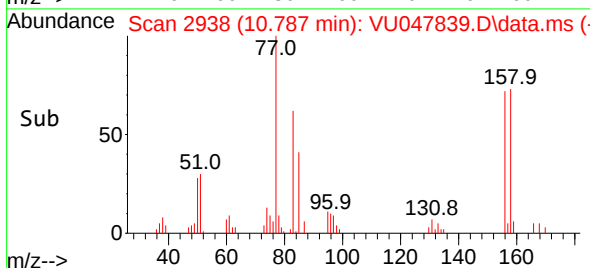
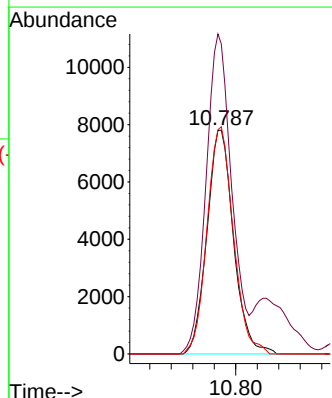
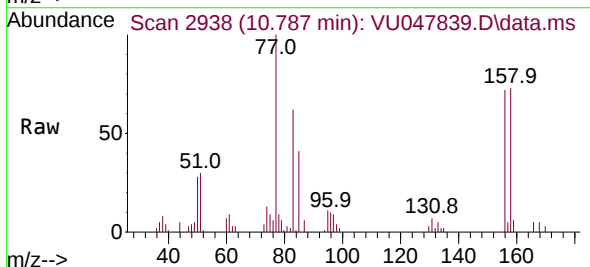
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

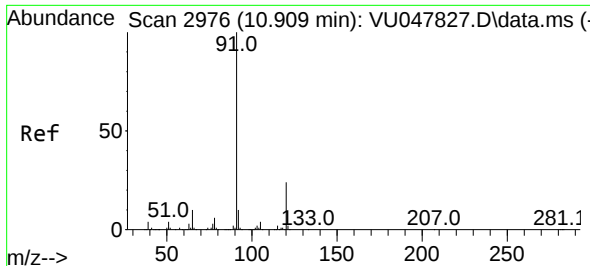
Tgt Ion: 75	Resp: 13006
Ion Ratio	Lower Upper
75 100	
77 32.1	0.0 92.6
110 24.1	0.0 68.2
97 13.5	0.0 36.8



#72
Bromobenzene
Concen: 0.812 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 156	Resp: 13374
Ion Ratio	Lower Upper
156 100	
77 138.0	0.0 273.4
158 100.6	0.0 193.6

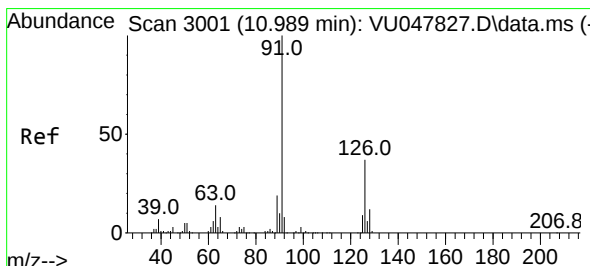
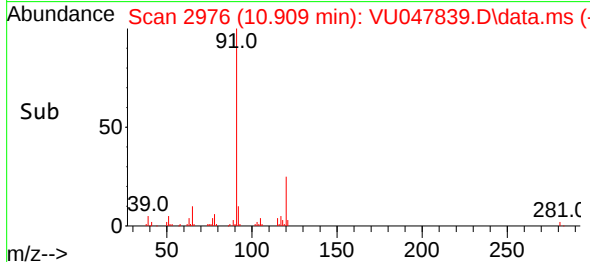
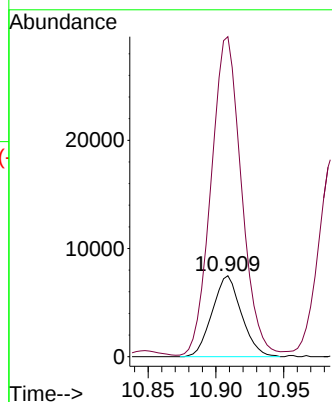
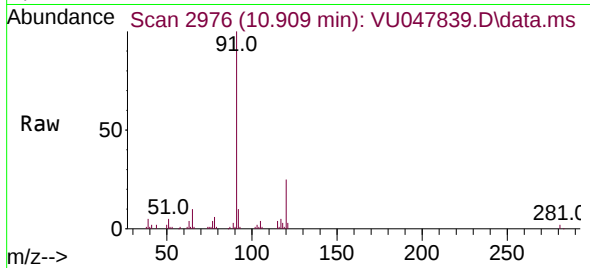




#73
n-propylbenzene
Concen: 0.715 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

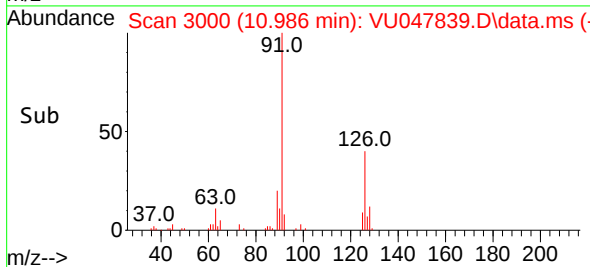
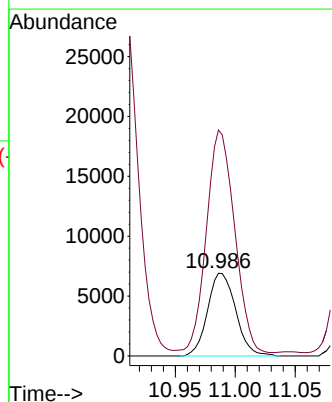
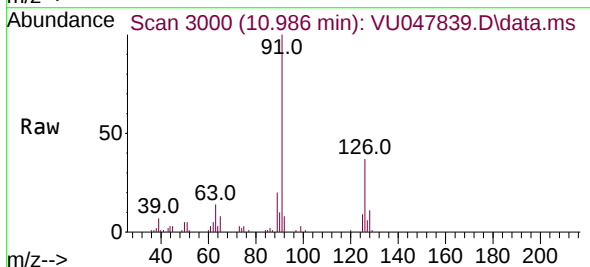
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

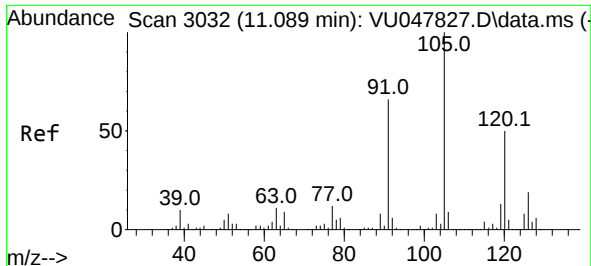
Tgt Ion:120 Resp: 11202
Ion Ratio Lower Upper
120 100
91 408.8 333.7 500.5



#74
2-Chlorotoluene
Concen: 0.759 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:126 Resp: 11240
Ion Ratio Lower Upper
126 100
91 271.5 0.0 554.6

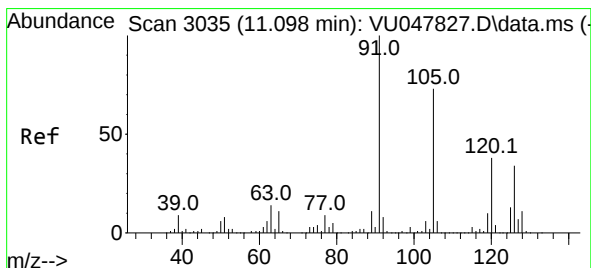
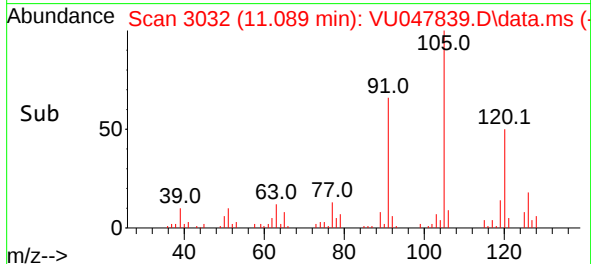
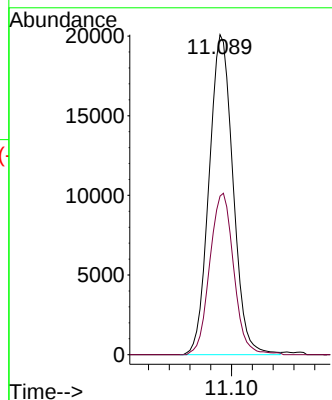
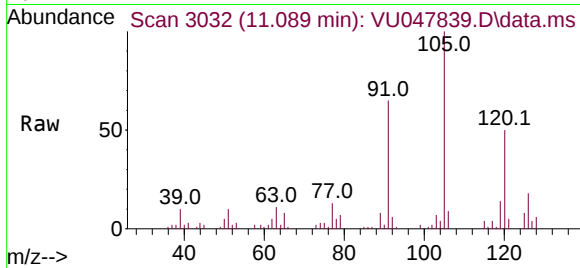




#75
1,3,5-Trimethylbenzene
Concen: 0.691 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

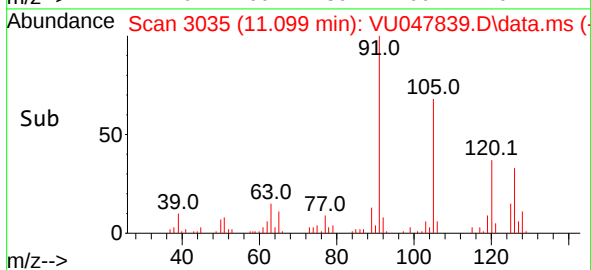
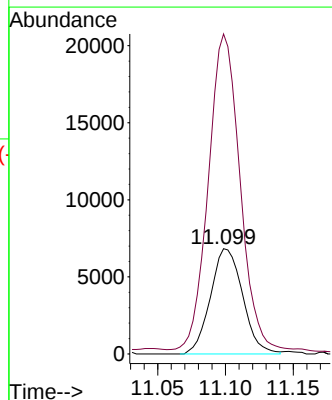
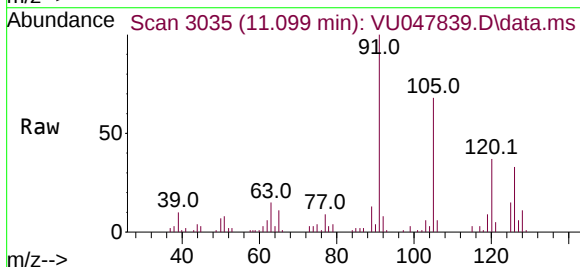
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

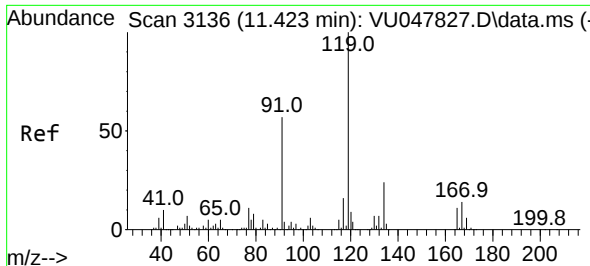
Tgt Ion:105 Resp: 32157
Ion Ratio Lower Upper
105 100
120 50.5 40.6 61.0



#76
4-Chlorotoluene
Concen: 0.721 ug/l
RT: 11.099 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:126 Resp: 11285
Ion Ratio Lower Upper
126 100
91 309.1 0.0 616.4

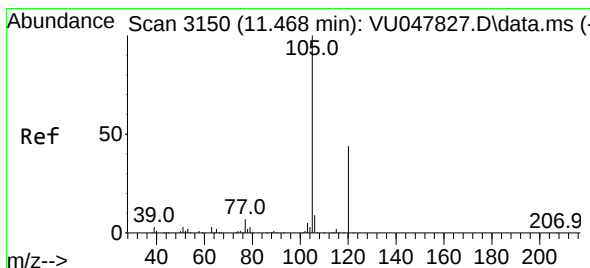
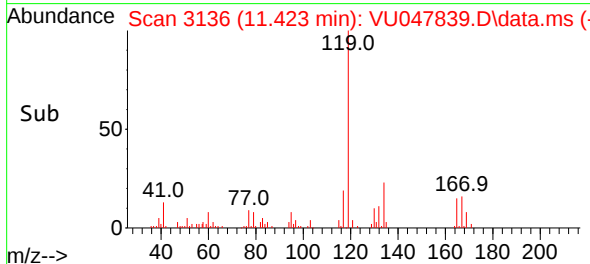
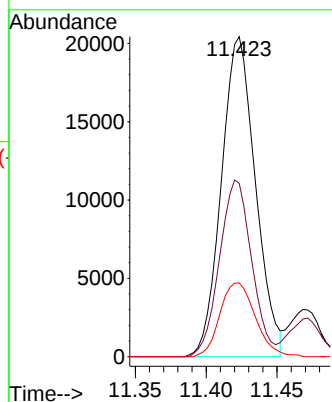
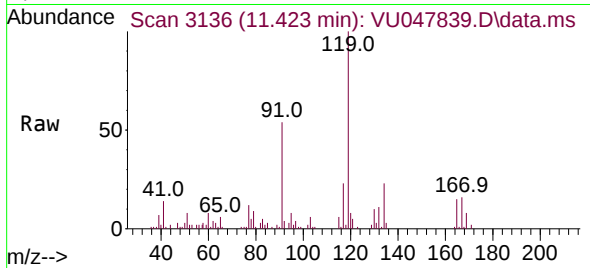




#77
tert-Butylbenzene
Concen: 0.725 ug/l
RT: 11.423 min Scan# 3136
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

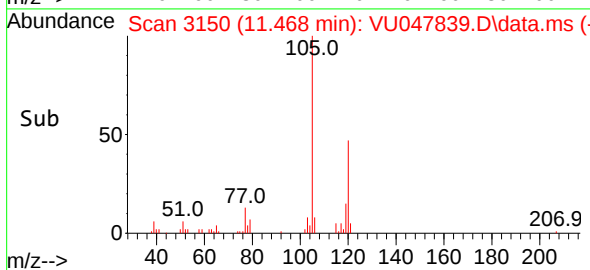
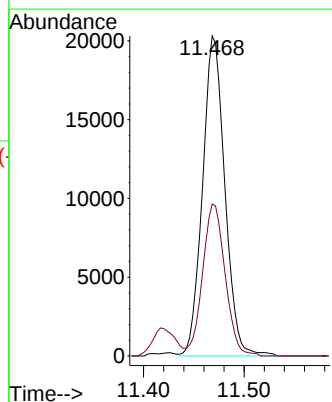
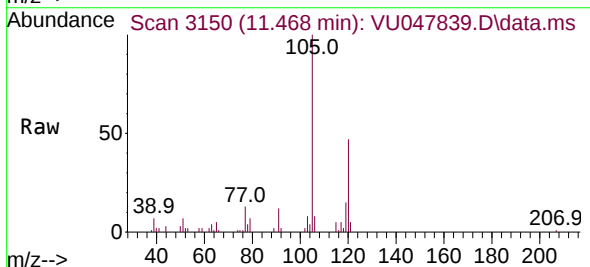
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

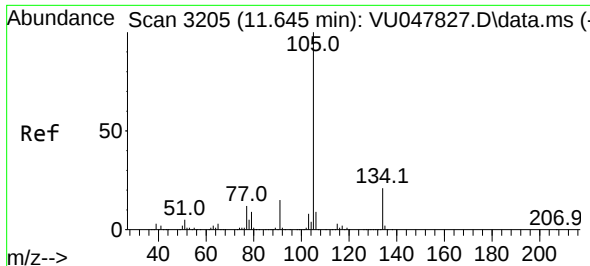
Tgt Ion:119 Resp: 34226
Ion Ratio Lower Upper
119 100
91 52.2 27.3 81.9
134 24.0 19.0 28.4



#78
1,2,4-Trimethylbenzene
Concen: 0.656 ug/l
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:105 Resp: 31329
Ion Ratio Lower Upper
105 100
120 48.1 23.8 71.5

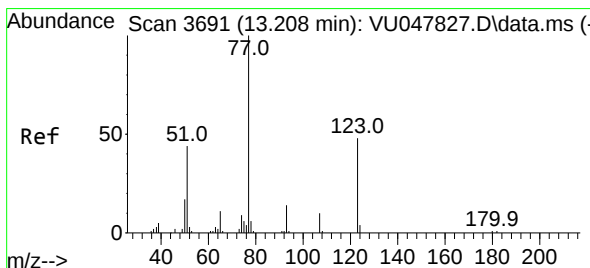
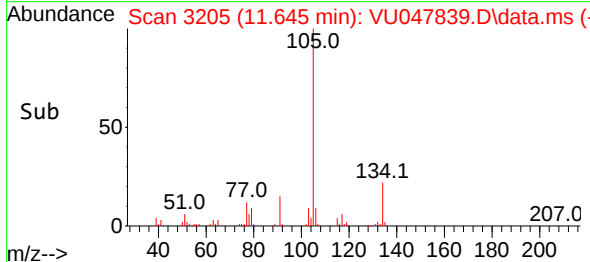
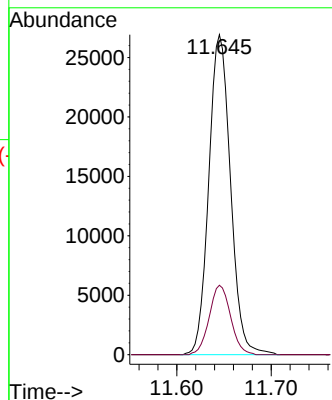
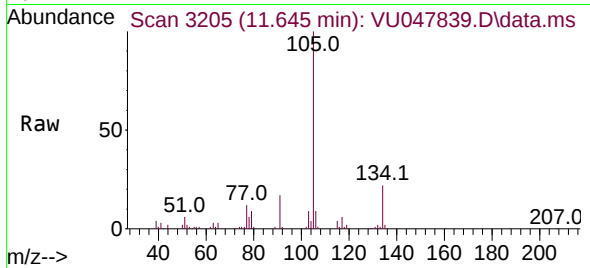




#79
 sec-Butylbenzene
 Concen: 0.695 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

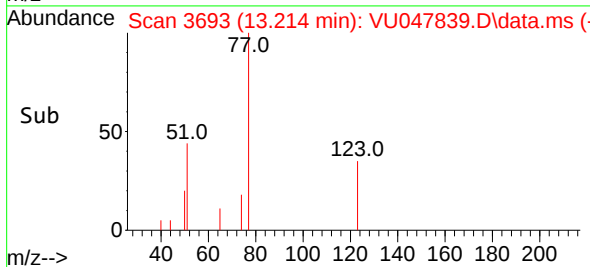
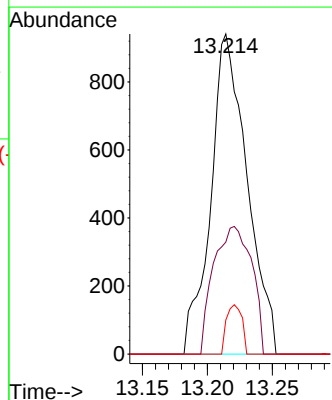
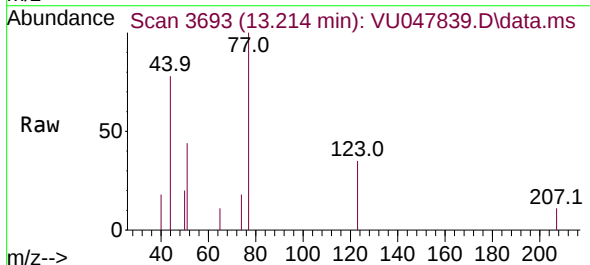
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.8ppb

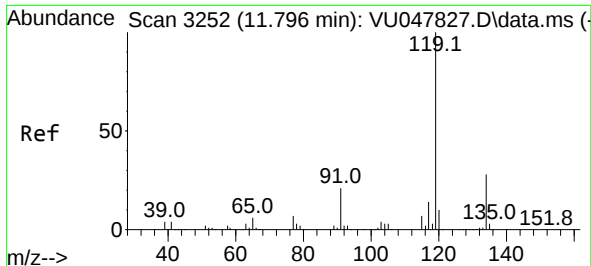
Tgt Ion:105 Resp: 42938
 Ion Ratio Lower Upper
 105 100
 134 21.3 16.7 25.1



#80
 Nitrobenzene
 Concen: 3.638 ug/l
 RT: 13.214 min Scan# 3693
 Delta R.T. 0.007 min
 Lab File: VU047839.D
 Acq: 06 Apr 2022 19:49

Tgt Ion: 77 Resp: 1832
 Ion Ratio Lower Upper
 77 100
 123 41.6 20.6 73.0
 65 6.5 10.4 13.2#

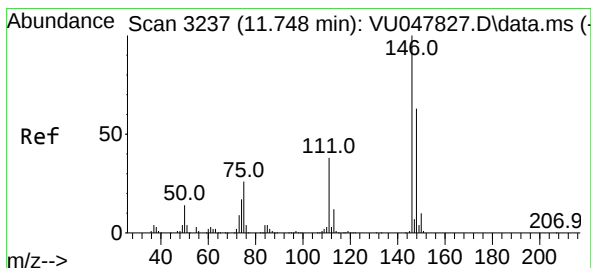
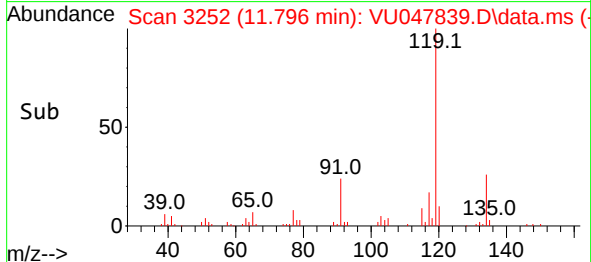
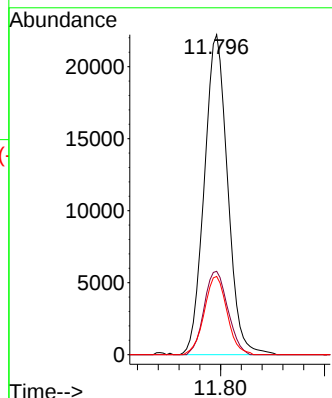
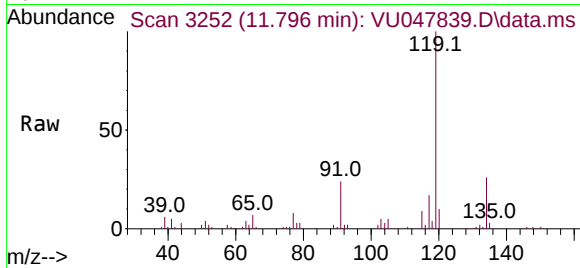




#81
p-Isopropyltoluene
Concen: 0.668 ug/l
RT: 11.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

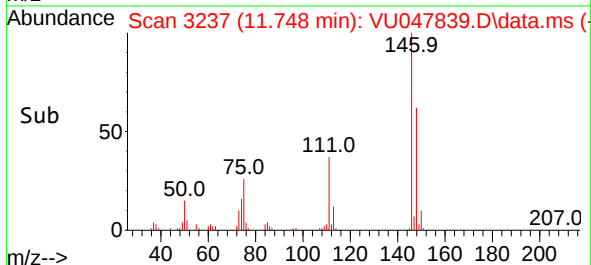
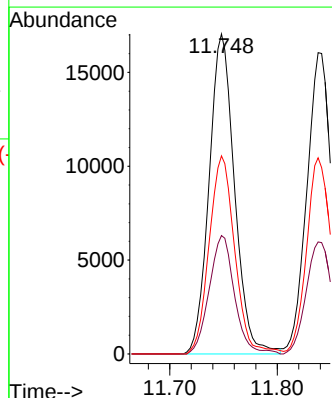
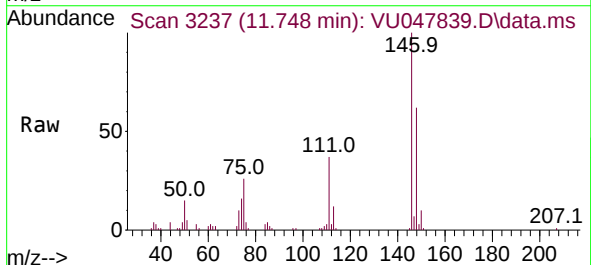
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

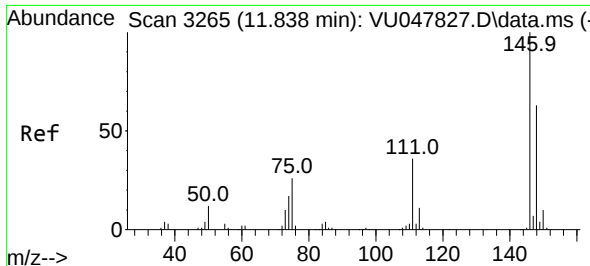
Tgt Ion:119 Resp: 34567
Ion Ratio Lower Upper
119 100
134 26.4 21.8 32.8
91 24.0 17.4 26.2



#82
1,3-Dichlorobenzene
Concen: 0.847 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:146 Resp: 27992
Ion Ratio Lower Upper
146 100
111 36.7 30.2 45.2
148 62.4 50.6 76.0

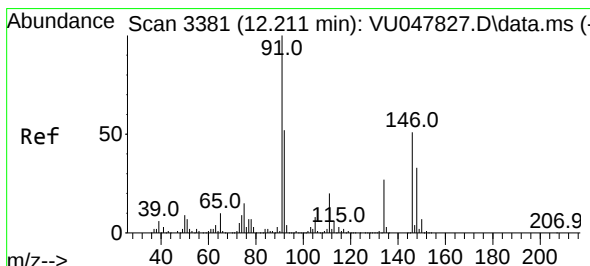
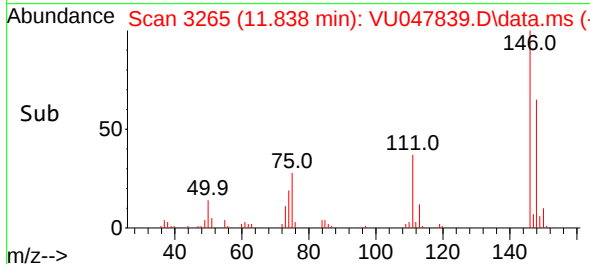
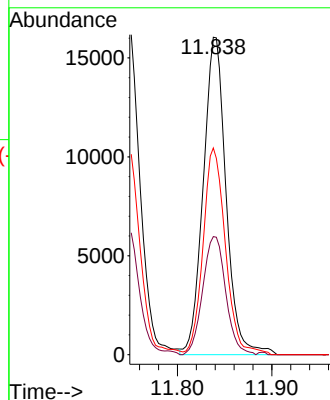
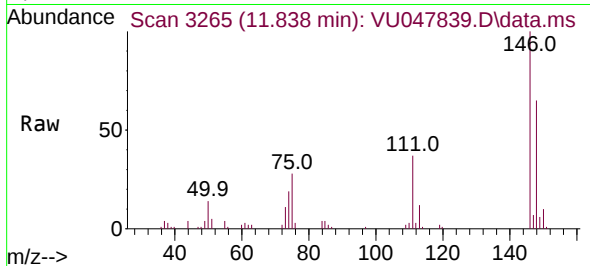




#83
1,4-Dichlorobenzene
Concen: 0.816 ug/l
RT: 11.838 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

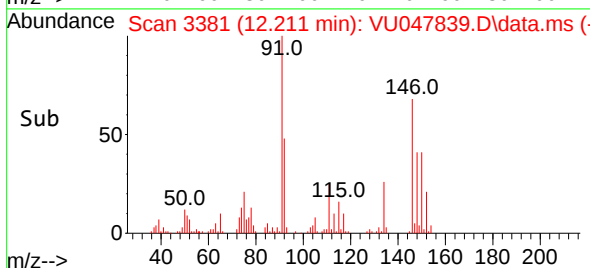
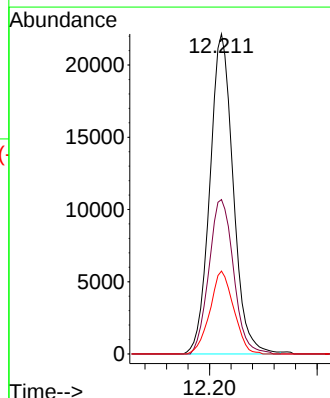
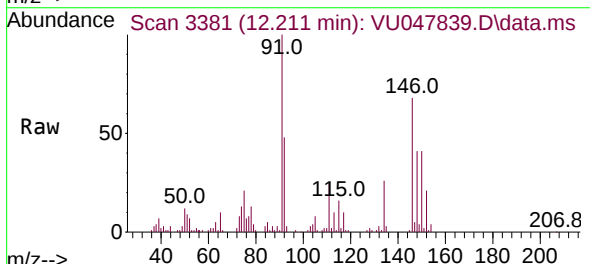
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

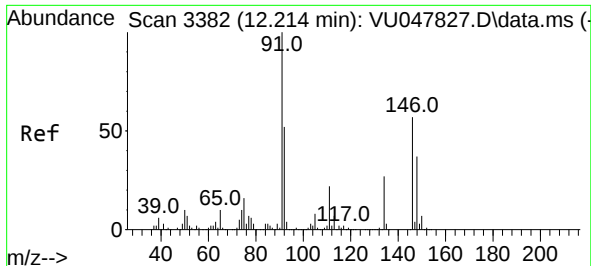
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	28.7	43.1
148	63.8	50.8	76.2



#84
n-Butylbenzene
Concen: 0.676 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.9	41.8	62.6
134	26.4	21.4	32.2

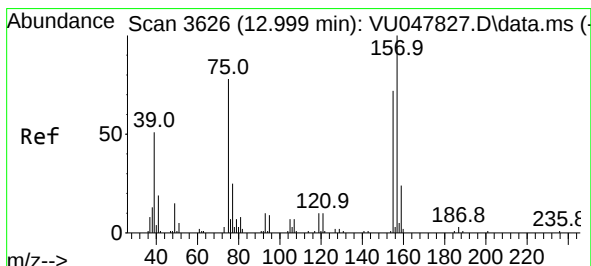
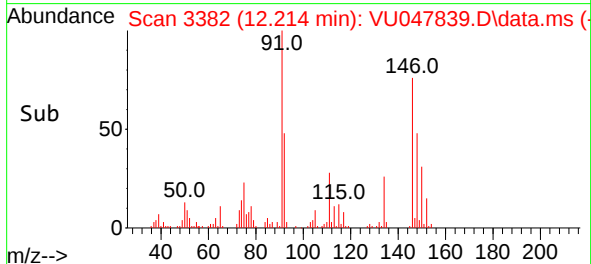
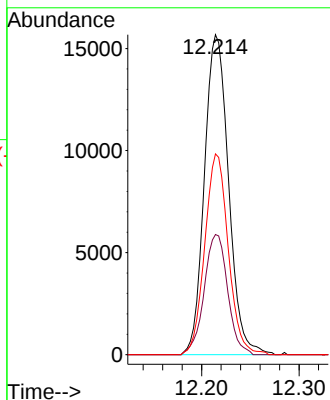
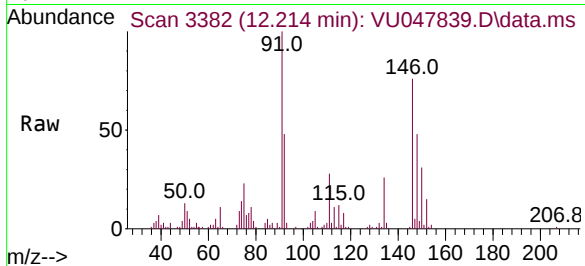




#85
1,2-Dichlorobenzene
Concen: 0.862 ug/l
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

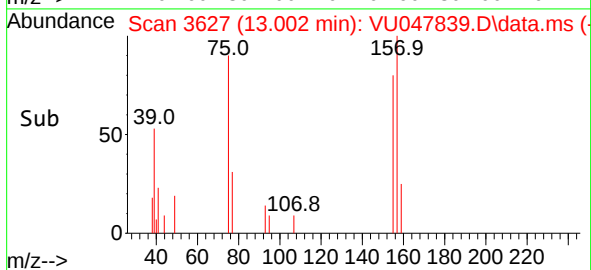
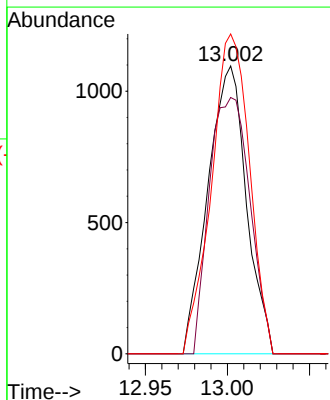
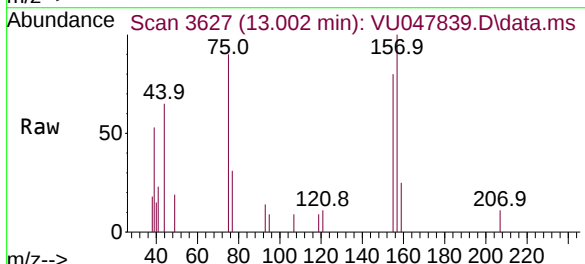
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

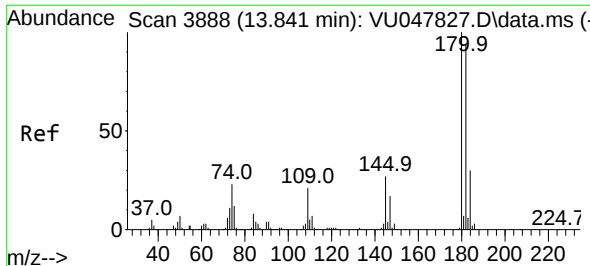
Tgt Ion:146 Resp: 27052
Ion Ratio Lower Upper
146 100
111 36.5 19.4 58.2
148 61.0 32.3 96.8



#86
1,2-Dibromo-3-Chloropropane
Concen: 0.846 ug/l
RT: 13.002 min Scan# 3627
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion: 75 Resp: 1791
Ion Ratio Lower Upper
75 100
155 93.9 76.2 114.2
157 110.1 99.1 148.7

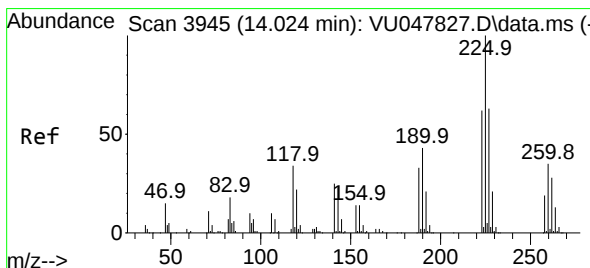
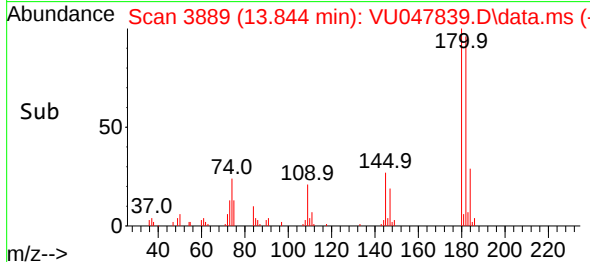
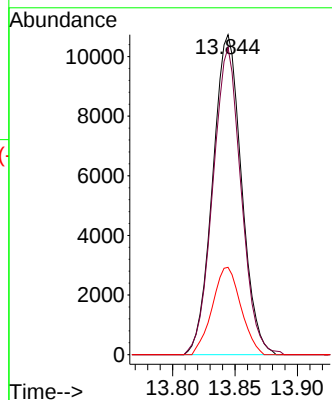
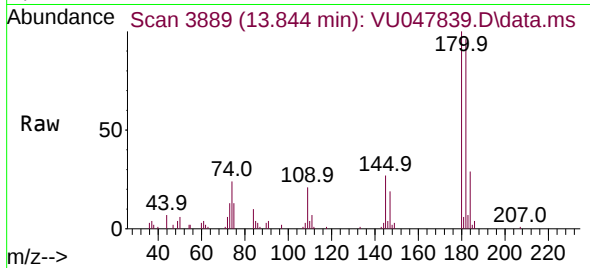




#87
1,2,4-Trichlorobenzene
Concen: 0.757 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

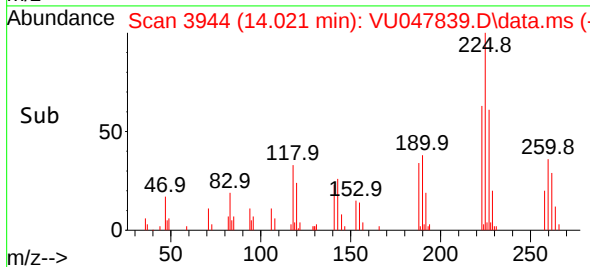
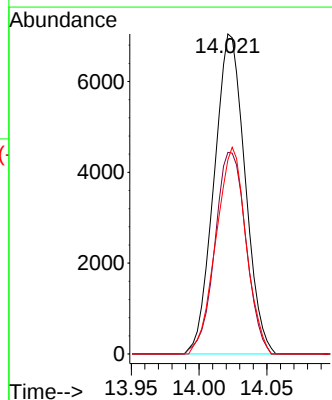
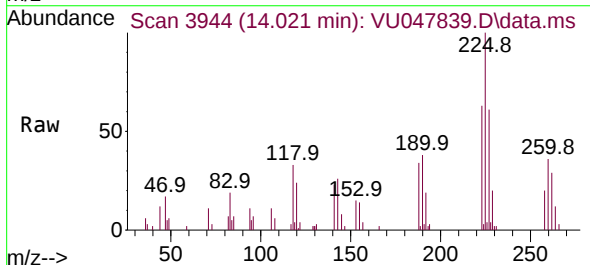
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

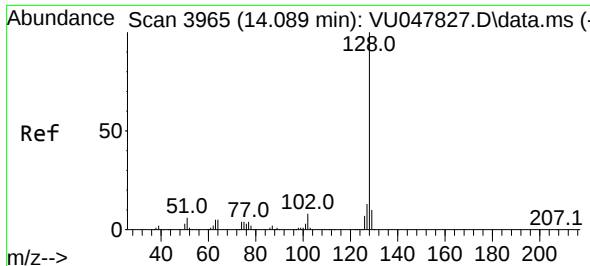
Tgt Ion:180 Resp: 17264
Ion Ratio Lower Upper
180 100
182 94.1 75.8 113.6
145 27.1 21.7 32.5



#88
Hexachlorobutadiene
Concen: 0.826 ug/l
RT: 14.021 min Scan# 3944
Delta R.T. -0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:225 Resp: 11178
Ion Ratio Lower Upper
225 100
223 63.3 50.0 75.0
227 62.7 51.0 76.6

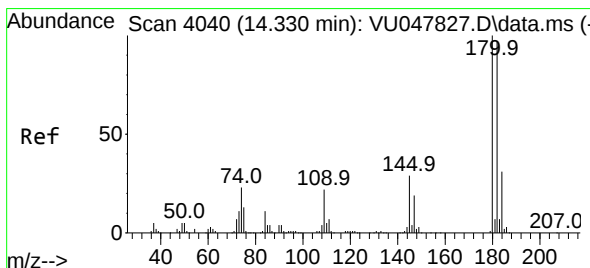
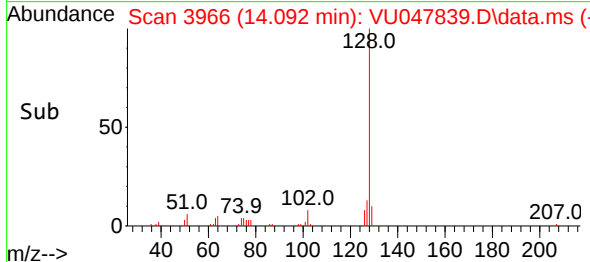
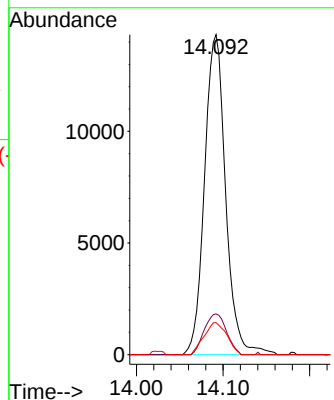
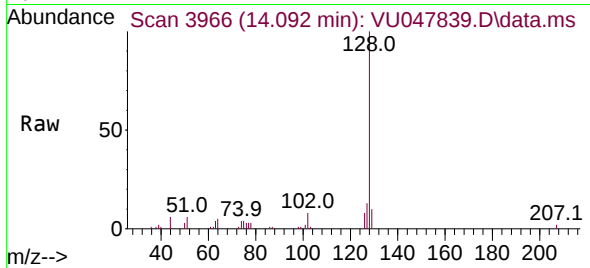




#89
Naphthalene
Concen: 0.651 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.8ppb

Tgt Ion:128	Resp:	24226
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.2 15.4
129	10.9	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.739 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047839.D
Acq: 06 Apr 2022 19:49

Tgt Ion:180	Resp:	15626
Ion Ratio	Lower	Upper
180	100	
182	98.1	77.2 115.8
145	27.6	23.3 34.9

