

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
 Data File : VU047835.D
 Acq On : 06 Apr 2022 17:58
 Operator : SY/MD
 Sample : MDL02 0.25ppb
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

Quant Time: Apr 07 06:49:36 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	45276	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	14048	0.858	ug/l	0.00
Spiked Amount 1.000			Recovery	=	86.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	19296	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	4030	0.250	ug/l	86
3) Chloromethane	1.526	50	4916	0.272	ug/l	98
4) Vinyl Chloride	1.607	62	3894	0.244	ug/l	94
5) Bromomethane	1.861	94	2566	0.254	ug/l	99
6) Chloroethane	1.938	64	2469	0.249	ug/l	98
7) Trichlorofluoromethane	2.144	101	5536	0.259	ug/l	85
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	2949	0.239	ug/l	94
9) 1,1-Dichloroethene	2.584	96	3059	0.250	ug/l	91
10) Iodomethane	2.729	142	1720	0.205	ug/l	89
11) Allyl Chloride	2.925	41	4727	0.282	ug/l	98
12) Acrylonitrile	3.317	53	1225	0.398	ug/l	94
13) Acetone	2.636	43	2730	1.116	ug/l	94
14) Carbon Disulfide	2.800	76	10033	0.259	ug/l	100
15) Methylene Chloride	3.051	84	7244	0.372	ug/l	96
16) trans-1,2-Dichloroethene	3.356	96	3484	0.260	ug/l	98
17) 1,1-Dichloroethane	3.874	63	5379	0.244	ug/l	93
18) 2-Butanone	4.735	43	2231	0.684	ug/l	81
19) Cyclohexane	5.388	56	3137	0.188	ug/l	96
20) Methylcyclohexane	6.761	83	3865	0.208	ug/l	93
21) 2,2-Dichloropropane	4.668	77	4389	0.243	ug/l	91
22) cis-1,2-Dichloroethene	4.671	96	2987	0.216	ug/l	86
23) Diethyl Ether	2.382	59	2152	0.236	ug/l	# 86
24) tert-Butyl Alcohol	3.250	59	176	0.173	ug/l	# 72
25) Methyl tert-Butyl Ether	3.372	73	7888	0.259	ug/l	# 81
26) Bromochloromethane	4.980	128	1658	0.241	ug/l	92
27) Chloroform	5.095	83	6052	0.259	ug/l	98
28) 1,1,1-Trichloroethane	5.321	97	4780	0.242	ug/l	96
29) 1,1-Dichloropropene	5.526	75	3786	0.226	ug/l	98
30) Carbon Tetrachloride	5.530	117	4143	0.241	ug/l	97
31) Isopropyl Ether	4.002	45	6668	0.219	ug/l	93
32) Ethyl-t-butyl ether	4.513	59	6755	0.229	ug/l	96
33) Tert-Amyl methyl ether	5.951	73	5832	0.218	ug/l	95
34) Propionitrile	4.819	54	54	0.051	ug/l	# 38
35) Benzene	5.780	78	11630	0.233	ug/l	95
36) 1,2-Dichloroethane	5.803	62	3548	0.241	ug/l	97
37) Trichloroethene	6.546	130	3329	0.230	ug/l	86
38) 1,2-Dichloropropane	6.796	63	3050	0.240	ug/l	# 80
39) Methacrylonitrile	4.983	41	326	0.087	ug/l	# 20
40) Methyl acrylate	4.870	55	1026	0.168	ug/l	# 72
41) Tetrahydrofuran	5.076	42	843	0.400	ug/l	# 84
42) 1-Chlorobutane	5.468	56	4828	0.224	ug/l	93
43) Dibromomethane	6.922	93	1818	0.249	ug/l	96
44) Bromodichloromethane	7.111	83	4335	0.257	ug/l	100

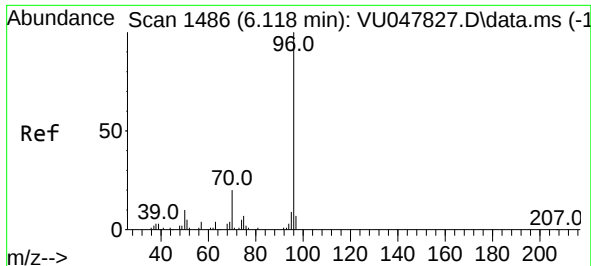
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040622\
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 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Apr 07 06:48:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	8476	1.132	ug/l	92
46) t-1,4-Dichloro-2-butene	10.828	75	3717	1.051	ug/l #	51
47) Methyl methacrylate	6.973	69	2283	0.390	ug/l	93
48) Ethyl methacrylate	8.343	69	2366	0.219	ug/l	84
49) Toluene	7.973	92	6416	0.211	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	3382	0.227	ug/l #	81
51) cis-1,3-Dichloropropene	7.610	75	3768	0.220	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	2450	0.238	ug/l	95
53) 1,3-Dichloropropane	8.581	76	4142	0.245	ug/l	98
54) 2-Hexanone	8.697	43	6547	1.216	ug/l	88
55) Dibromochloromethane	8.809	129	2930	0.238	ug/l	98
56) 1,2-Dibromoethane	8.931	107	2515	0.255	ug/l	94
58) Tetrachloroethene	8.555	164	3177	0.244	ug/l	88
59) Chlorobenzene	9.452	112	8035	0.224	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	3088	0.243	ug/l	97
61) Pentachloroethane	11.433	117	2465	0.233	ug/l	94
62) Hexachloroethane	12.478	117	2058	0.213	ug/l #	3
63) Ethyl Benzene	9.574	91	10774	0.195	ug/l	99
64) m/p-Xylenes	9.697	106	7238	0.329	ug/l	96
65) o-Xylene	10.102	106	3701	0.176	ug/l	100
66) Styrene	10.118	104	6099	0.172	ug/l	98
67) Bromoform	10.295	173	1920	0.246	ug/l #	95
69) Isopropylbenzene	10.484	105	9845	0.179	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	3375	0.253	ug/l #	96
71) 1,2,3-Trichloropropane	10.828	75	3717	0.367	ug/l	65
72) Bromobenzene	10.783	156	3296	0.200	ug/l	89
73) n-propylbenzene	10.909	120	2771	0.177	ug/l	100
74) 2-Chlorotoluene	10.986	126	2750	0.185	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	7744	0.166	ug/l	97
76) 4-Chlorotoluene	11.102	126	2903	0.185	ug/l	90
77) tert-Butylbenzene	11.423	119	8494	0.180	ug/l	94
78) 1,2,4-Trimethylbenzene	11.468	105	7720	0.161	ug/l	97
79) sec-Butylbenzene	11.645	105	9771	0.158	ug/l	96
80) Nitrobenzene	13.217	77	300	0.595	ug/l #	46
81) p-Isopropyltoluene	11.796	119	8299	0.160	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	7327	0.221	ug/l	95
83) 1,4-Dichlorobenzene	11.841	146	6984	0.211	ug/l	99
84) n-Butylbenzene	12.211	91	8777	0.178	ug/l	94
85) 1,2-Dichlorobenzene	12.214	146	7373	0.235	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.999	75	449	0.212	ug/l	89
87) 1,2,4-Trichlorobenzene	13.844	180	5651	0.247	ug/l	96
88) Hexachlorobutadiene	14.024	225	3361	0.248	ug/l	95
89) Naphthalene	14.092	128	8240	0.221	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	4934	0.233	ug/l	98

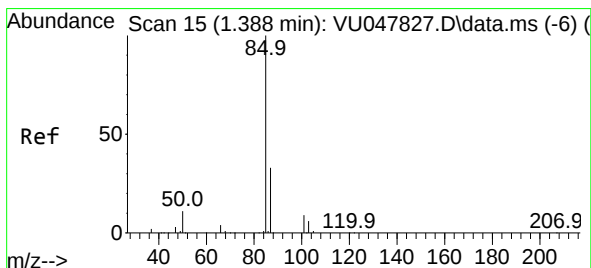
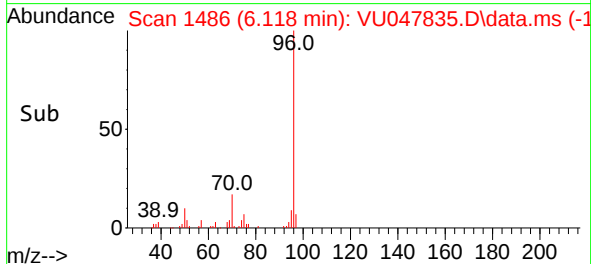
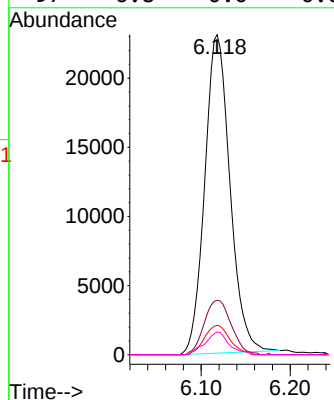
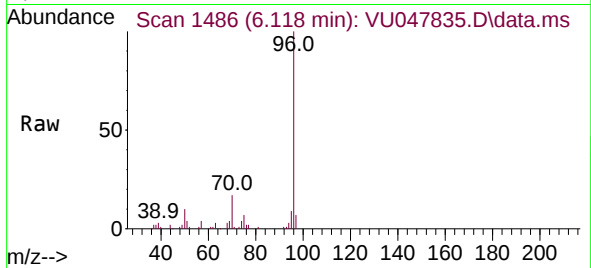
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#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.118 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU047835.D
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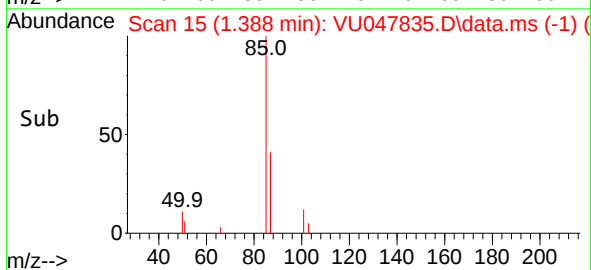
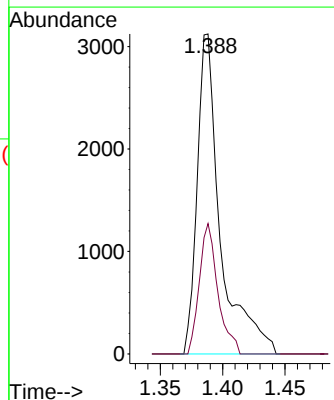
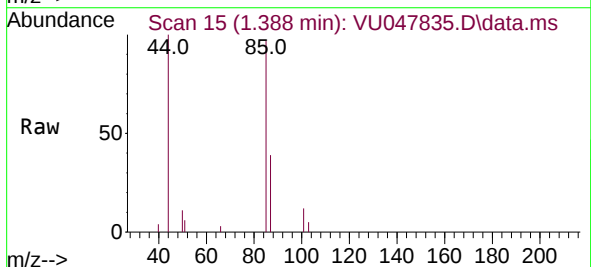
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

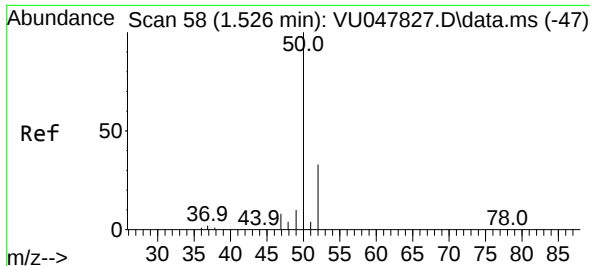
Tgt Ion:	96	Resp:	45276
Ion	Ratio	Lower	Upper
96	100		
70	18.3	15.4	23.0
95	9.2	7.6	11.4
97	6.8	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 0.250 ug/l
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:	85	Resp:	4030
Ion	Ratio	Lower	Upper
85	100		
87	40.8	16.4	49.4

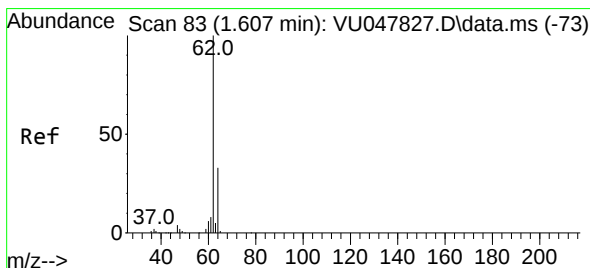
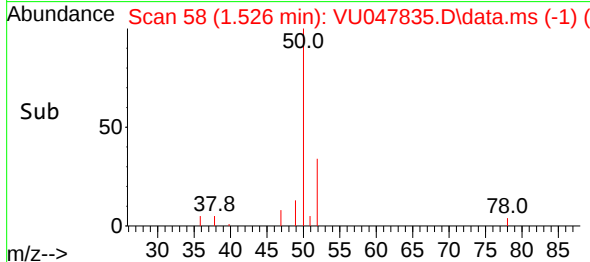
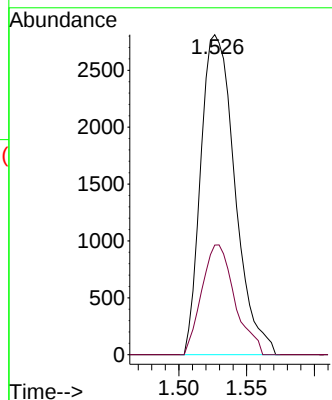
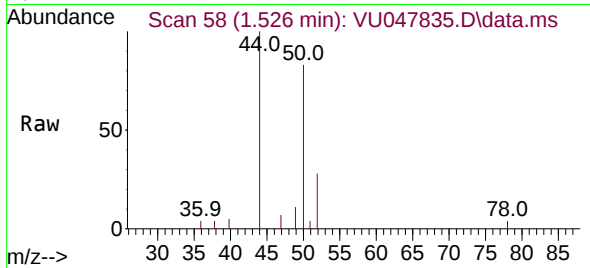




#3
Chloromethane
Concen: 0.272 ug/l
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

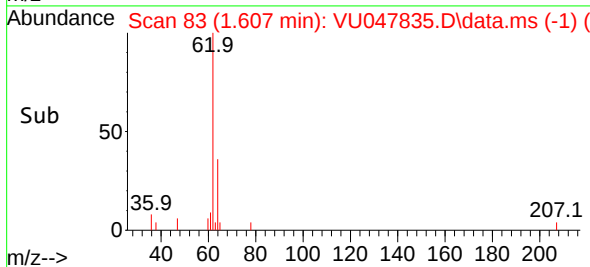
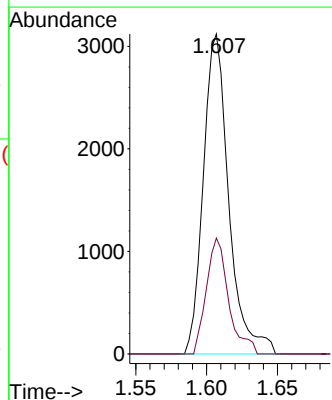
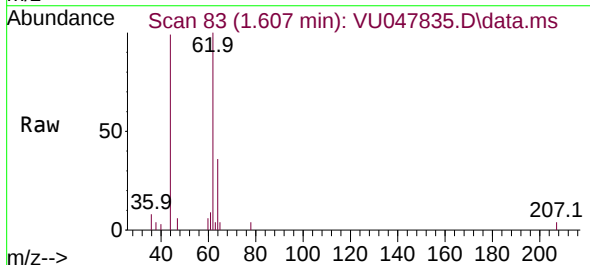
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

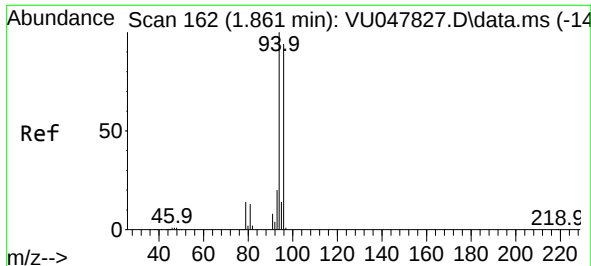
Tgt Ion: 50 Resp: 4916
Ion Ratio Lower Upper
50 100
52 34.3 26.7 40.1



#4
Vinyl Chloride
Concen: 0.244 ug/l
RT: 1.607 min Scan# 83
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 62 Resp: 3894
Ion Ratio Lower Upper
62 100
64 36.2 26.4 39.6

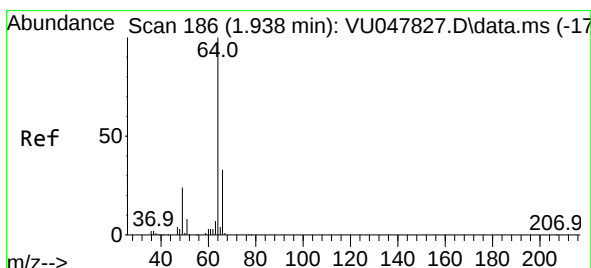
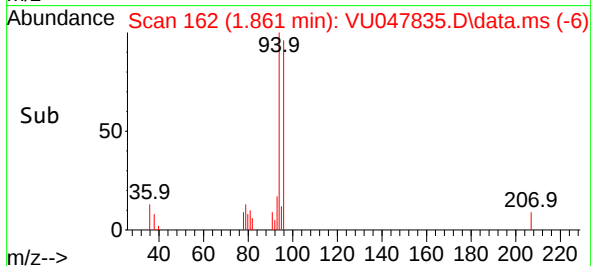
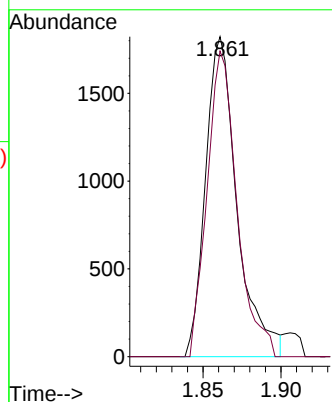
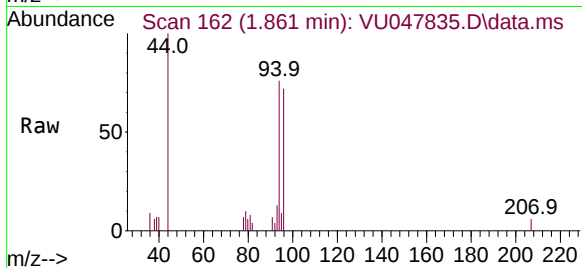




#5
Bromomethane
Concen: 0.254 ug/l
RT: 1.861 min Scan# 162
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

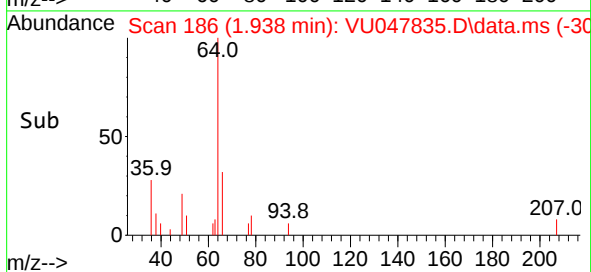
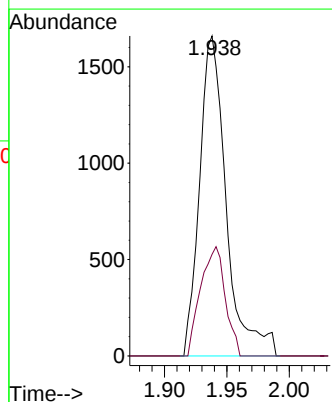
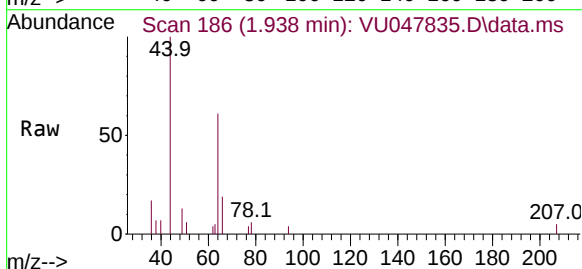
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

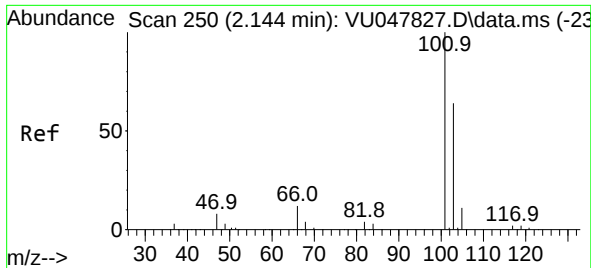
Tgt Ion: 94 Resp: 2566
Ion Ratio Lower Upper
94 100
96 95.5 75.3 112.9



#6
Chloroethane
Concen: 0.249 ug/l
RT: 1.938 min Scan# 186
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

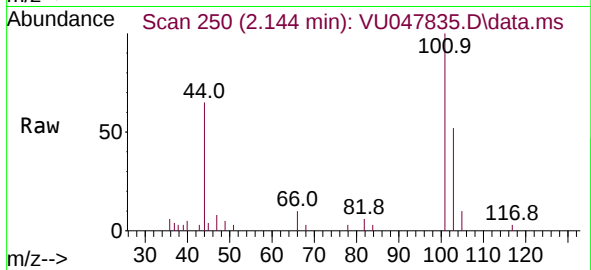
Tgt Ion: 64 Resp: 2469
Ion Ratio Lower Upper
64 100
66 31.7 26.2 39.2



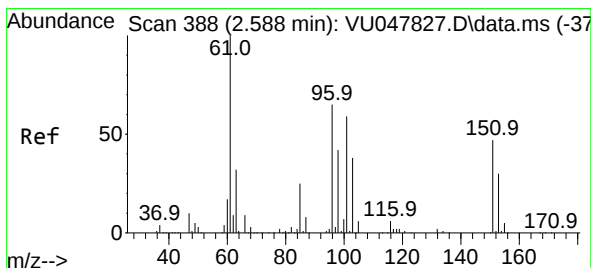
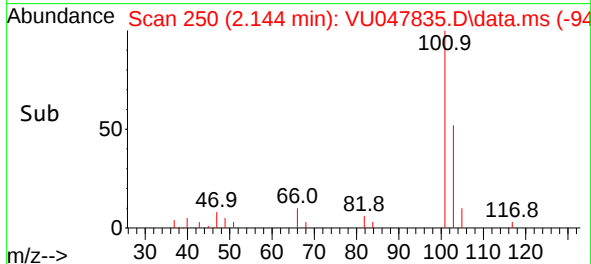
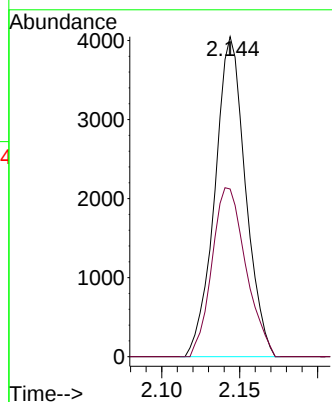


#7
 Trichlorofluoromethane
 Concen: 0.259 ug/l
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

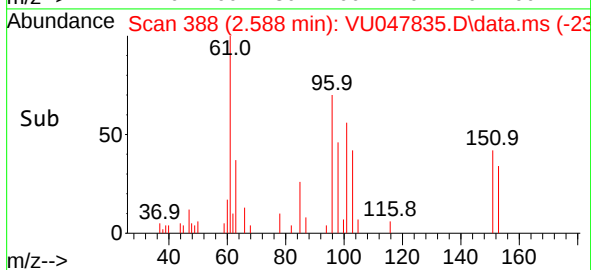
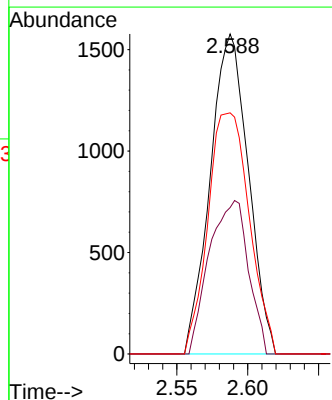
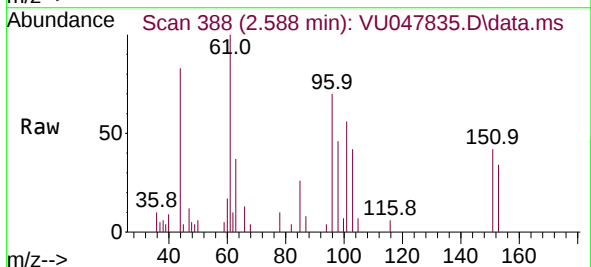


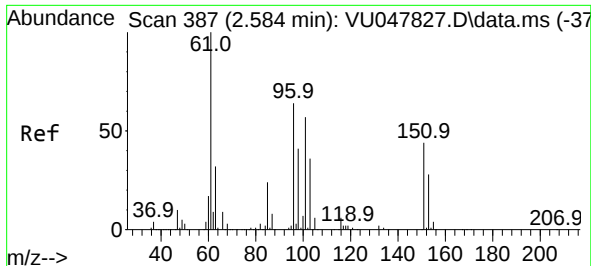
Tgt Ion:101 Resp: 5536
 Ion Ratio Lower Upper
 101 100
 103 52.4 51.3 76.9



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.239 ug/l
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion:101 Resp: 2949
 Ion Ratio Lower Upper
 101 100
 85 49.4 33.4 50.2
 151 81.9 63.8 95.8

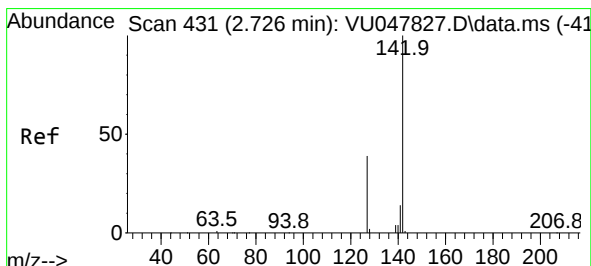
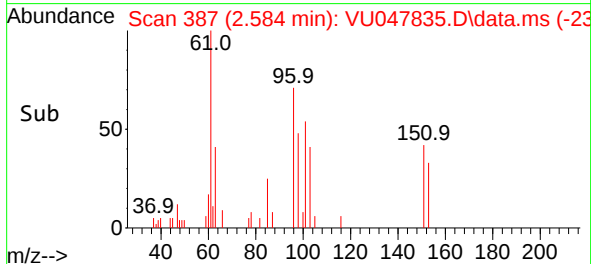
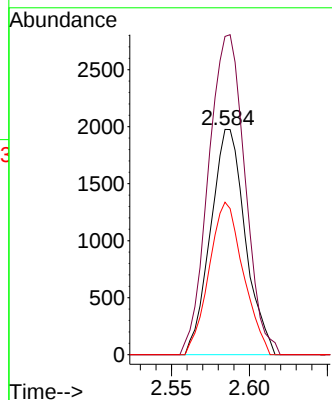
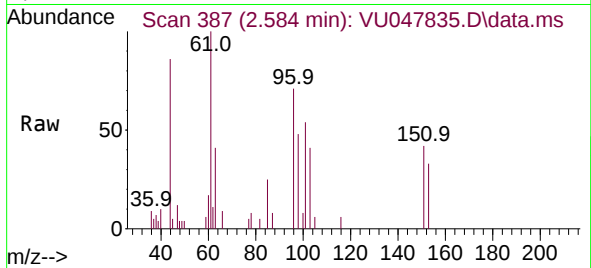




#9
1,1-Dichloroethene
Concen: 0.250 ug/l
RT: 2.584 min Scan# 387
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

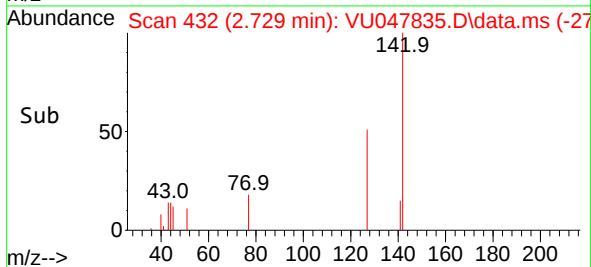
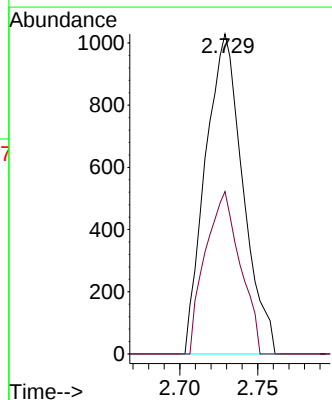
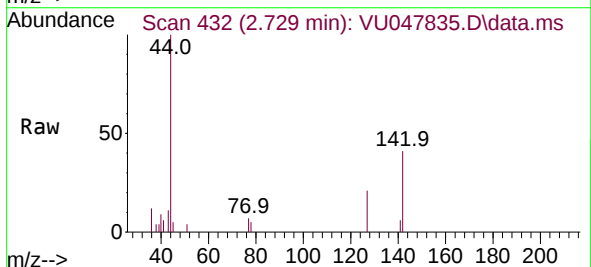
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

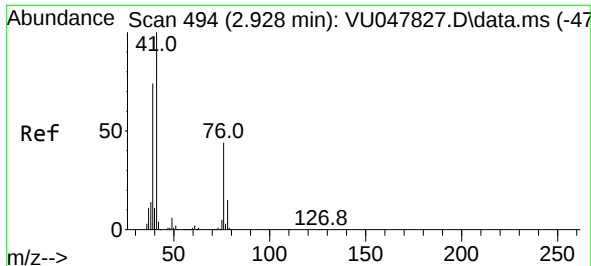
Tgt Ion: 96 Resp: 3059
Ion Ratio Lower Upper
96 100
61 141.2 0.0 466.5
98 67.7 0.0 128.0



#10
Iodomethane
Concen: 0.205 ug/l
RT: 2.729 min Scan# 432
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 142 Resp: 1720
Ion Ratio Lower Upper
142 100
127 47.2 32.1 48.1

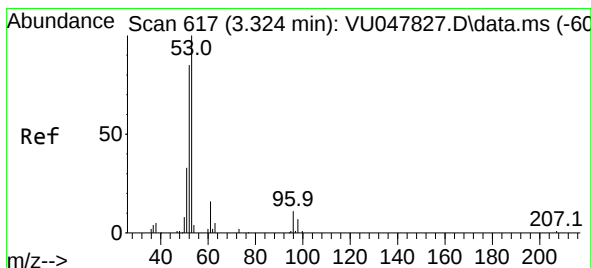
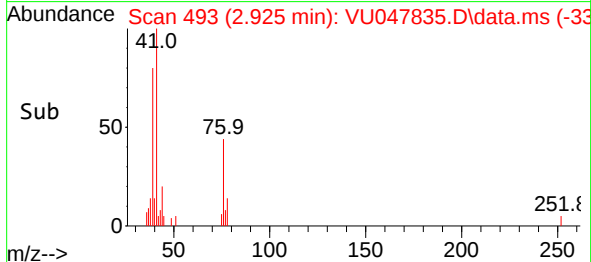
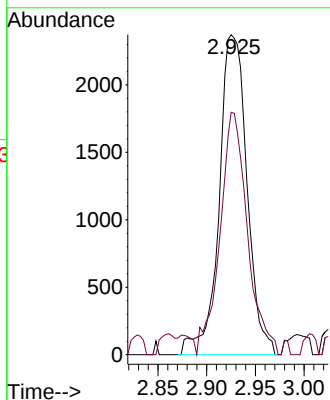
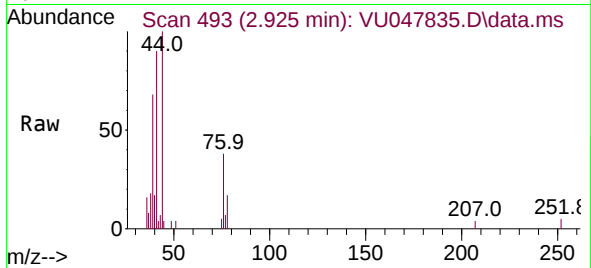




#11
 Allyl Chloride
 Concen: 0.282 ug/l
 RT: 2.925 min Scan# 494
 Delta R.T. -0.003 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

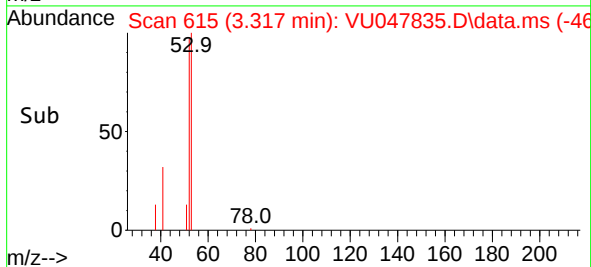
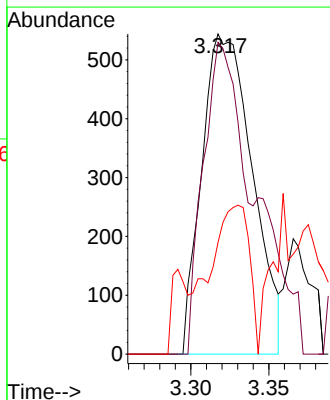
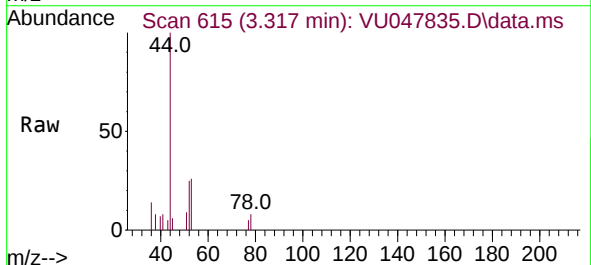
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

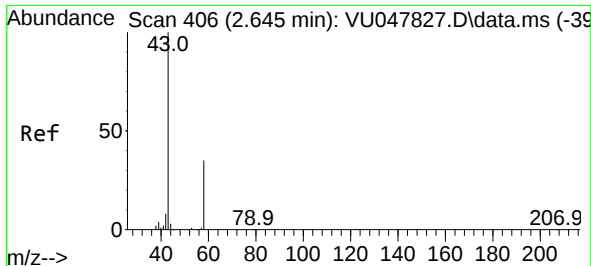
Tgt Ion: 41 Resp: 4727
 Ion Ratio Lower Upper
 41 100
 39 74.4 58.3 87.5



#12
 Acrylonitrile
 Concen: 0.398 ug/l
 RT: 3.317 min Scan# 615
 Delta R.T. -0.006 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion: 53 Resp: 1225
 Ion Ratio Lower Upper
 53 100
 52 75.2 65.5 98.3
 51 35.4 29.6 44.4





#13

Acetone

Concen: 1.116 ug/l

RT: 2.636 min Scan# 403

Delta R.T. -0.010 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

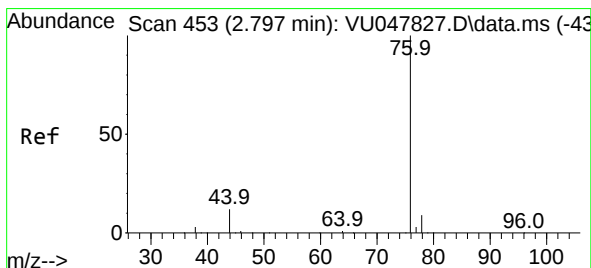
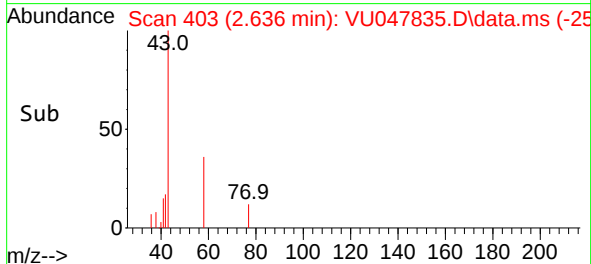
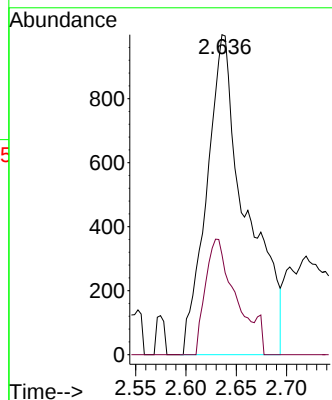
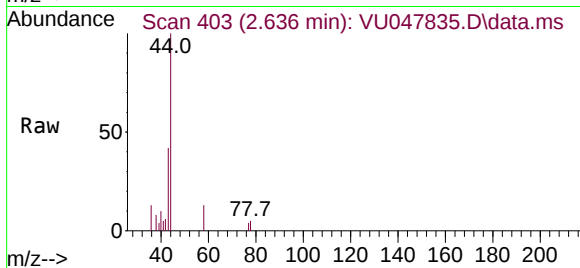
MDL02 0.25ppb

Tgt Ion: 43 Resp: 2730

Ion Ratio Lower Upper

43 100

58 31.3 28.0 42.0



#14

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU047835.D

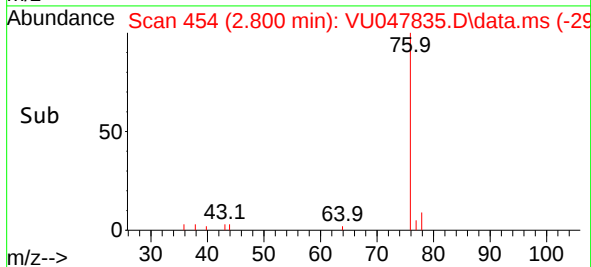
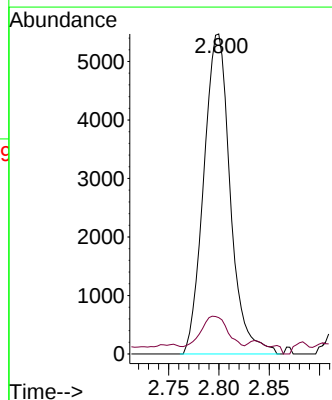
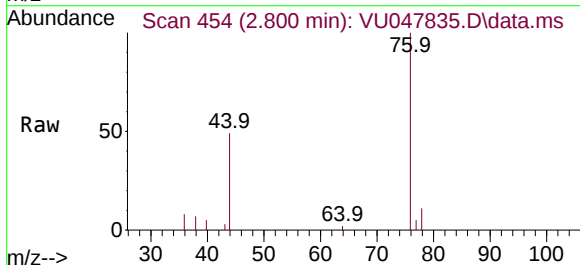
Acq: 06 Apr 2022 17:58

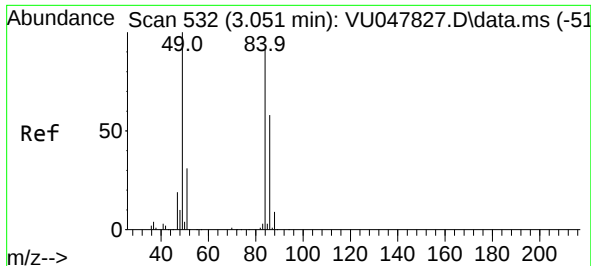
Tgt Ion: 76 Resp: 10033

Ion Ratio Lower Upper

76 100

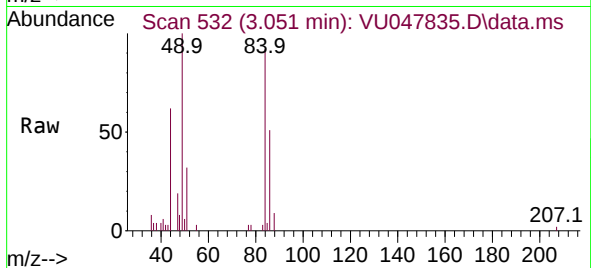
78 9.1 7.2 10.8



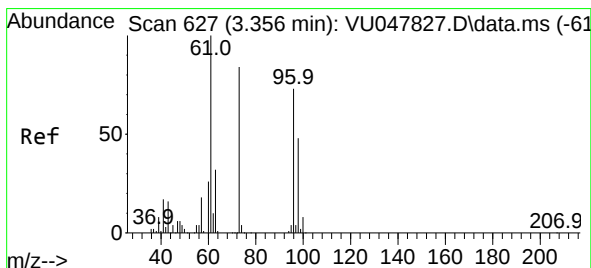
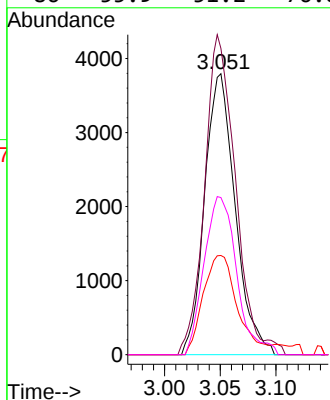
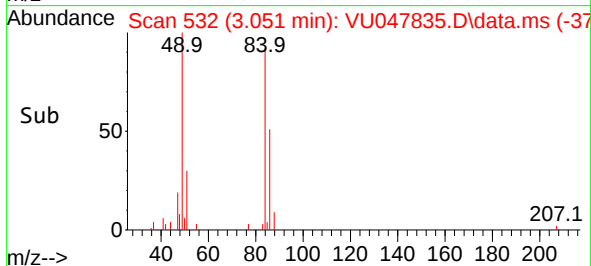


#15
Methylene Chloride
Concen: 0.372 ug/l
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

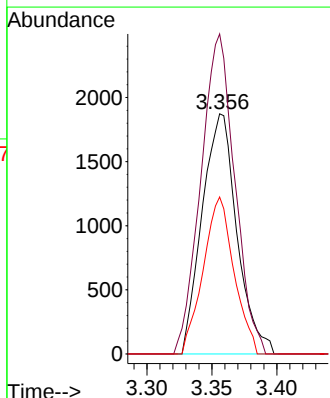
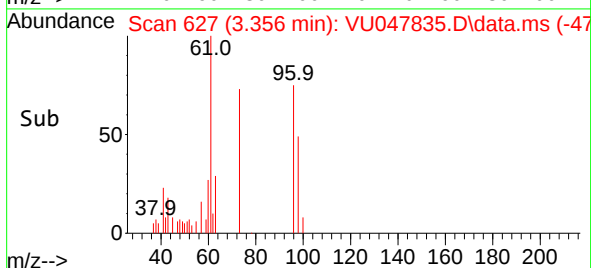
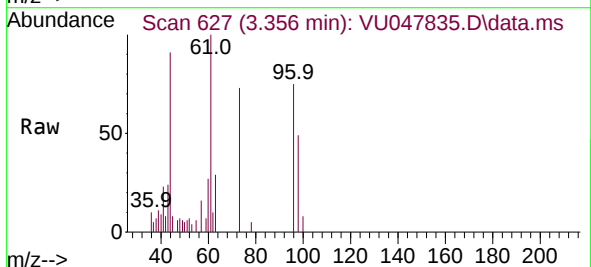


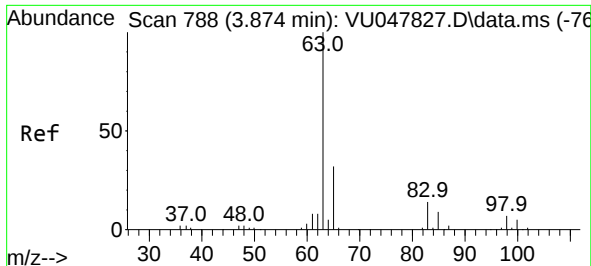
Tgt Ion:	84	Resp:	7244
Ion	Ratio	Lower	Upper
84	100		
49	109.0	88.4	132.6
51	35.3	0.0	69.8
86	55.9	51.2	76.8



#16
trans-1,2-Dichloroethene
Concen: 0.260 ug/l
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:	96	Resp:	3484
Ion	Ratio	Lower	Upper
96	100		
61	133.3	109.2	163.8
98	65.3	52.0	78.0

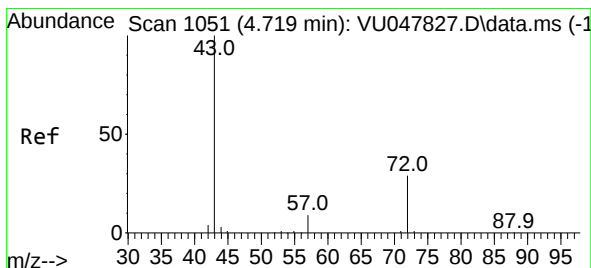
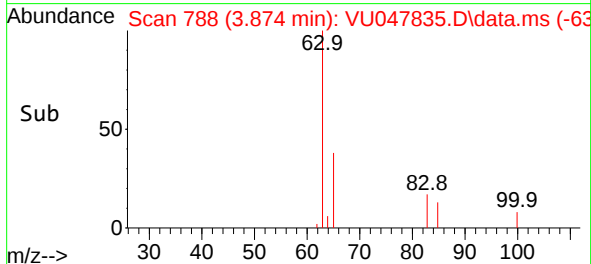
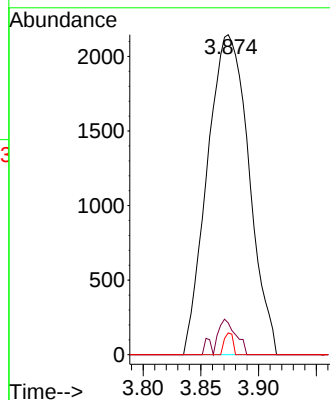
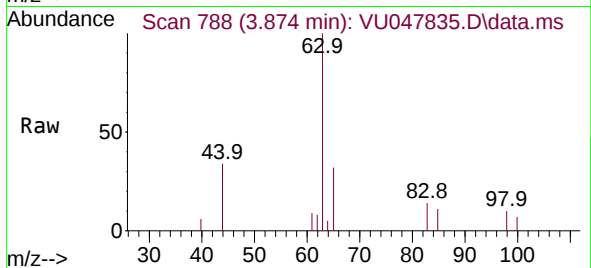




#17
1,1-Dichloroethane
Concen: 0.244 ug/l
RT: 3.874 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

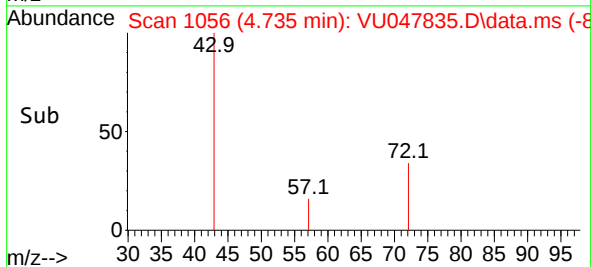
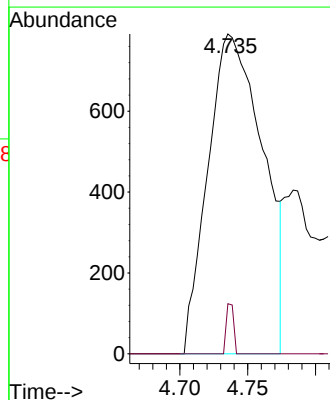
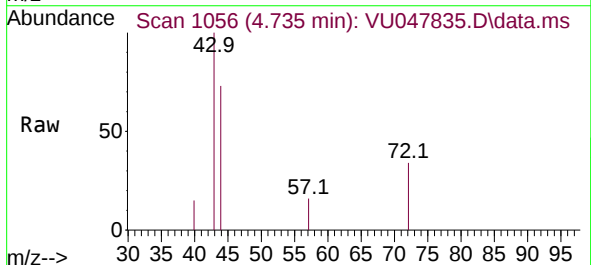
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

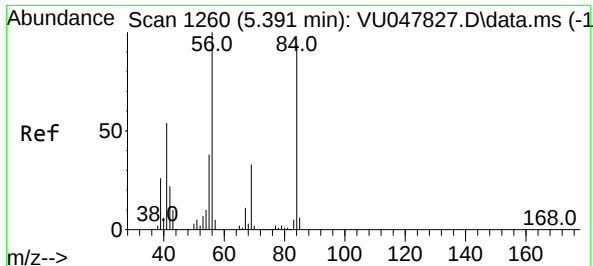
Tgt Ion: 63 Resp: 5379
Ion Ratio Lower Upper
63 100
98 10.0 3.6 10.8
100 6.8 2.4 7.2



#18
2-Butanone
Concen: 0.684 ug/l
RT: 4.735 min Scan# 1056
Delta R.T. 0.016 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 43 Resp: 2231
Ion Ratio Lower Upper
43 100
57 15.7 0.0 17.4





#19

Cyclohexane

Concen: 0.188 ug/l

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU047835.D

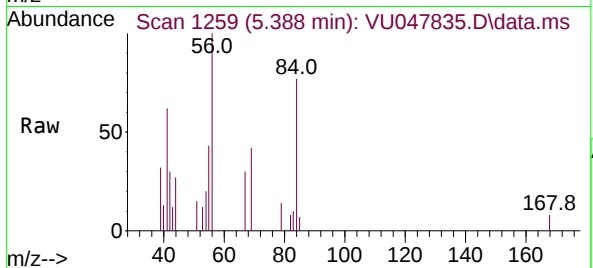
Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb



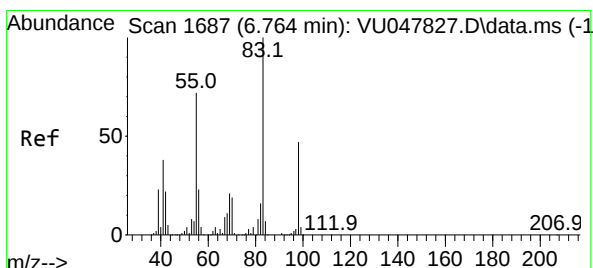
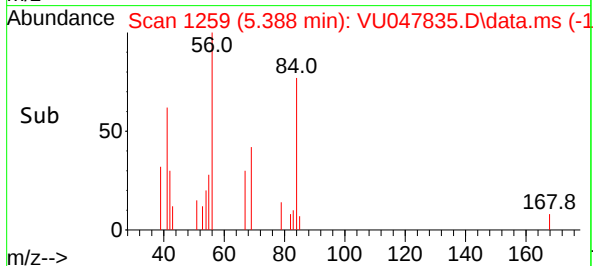
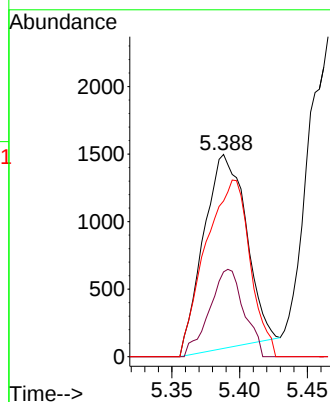
Tgt Ion: 56 Resp: 3137

Ion Ratio Lower Upper

56 100

69 36.5 25.4 38.0

84 94.7 74.0 111.0



#20

Methylcyclohexane

Concen: 0.208 ug/l

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

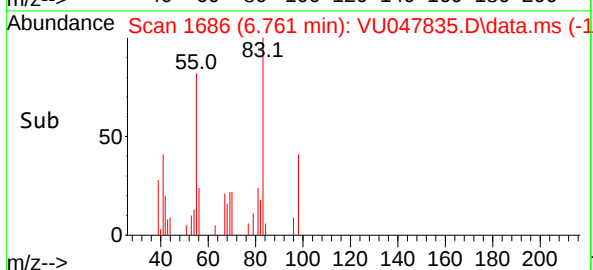
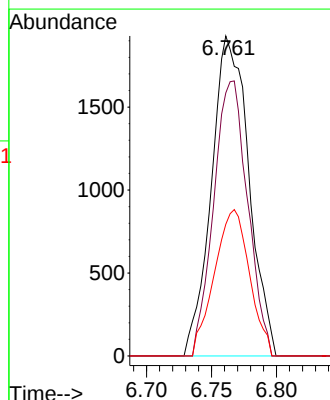
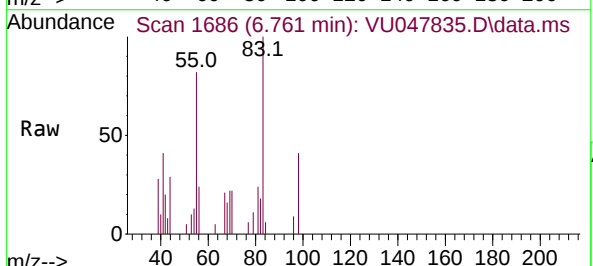
Tgt Ion: 83 Resp: 3865

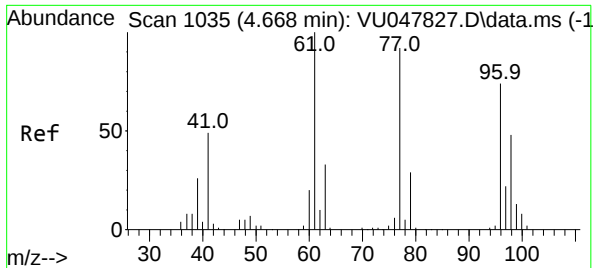
Ion Ratio Lower Upper

83 100

55 78.0 58.0 87.0

98 43.0 37.9 56.9

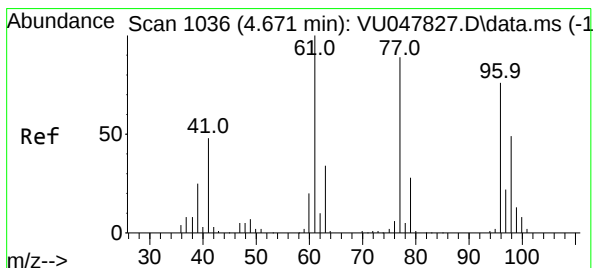
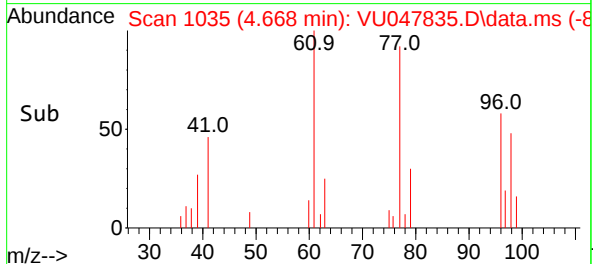
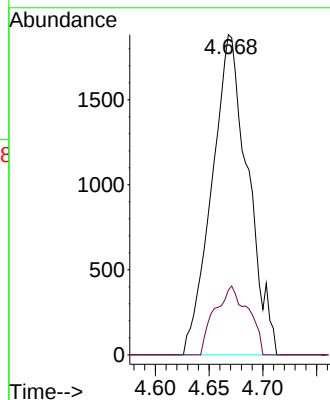
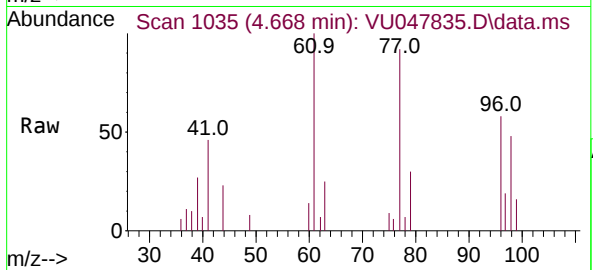




#21
2,2-Dichloropropane
Concen: 0.243 ug/l
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

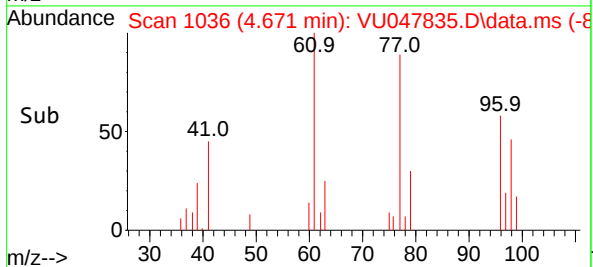
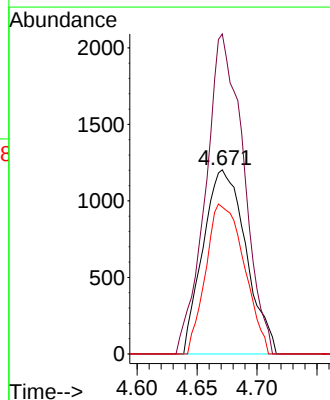
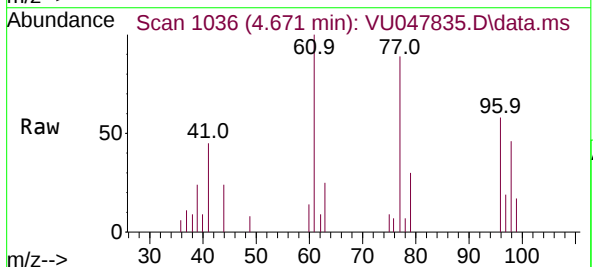
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

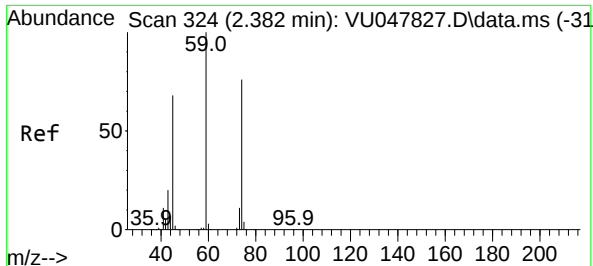
Tgt Ion: 77 Resp: 4389
Ion Ratio Lower Upper
77 100
97 19.8 19.3 28.9



#22
cis-1,2-Dichloroethene
Concen: 0.216 ug/l
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 96 Resp: 2987
Ion Ratio Lower Upper
96 100
61 153.9 0.0 337.8
98 72.9 32.5 97.5

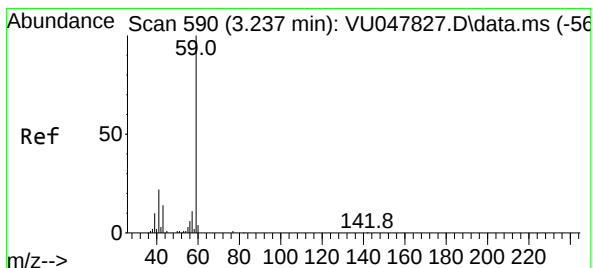
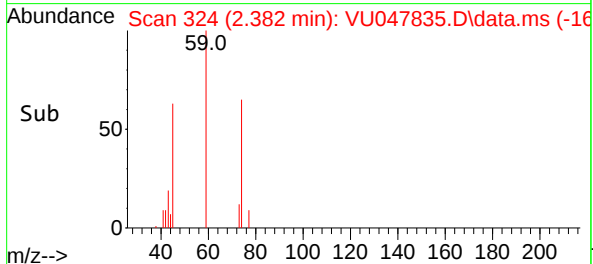
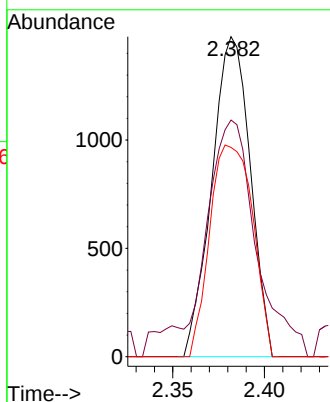
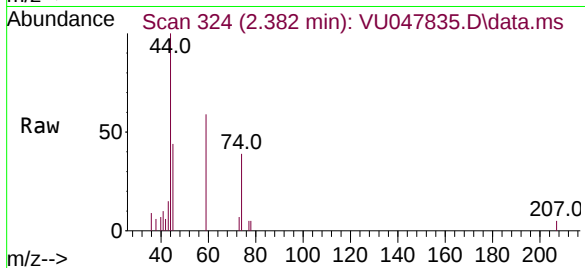




#23
Diethyl Ether
Concen: 0.236 ug/l
RT: 2.382 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

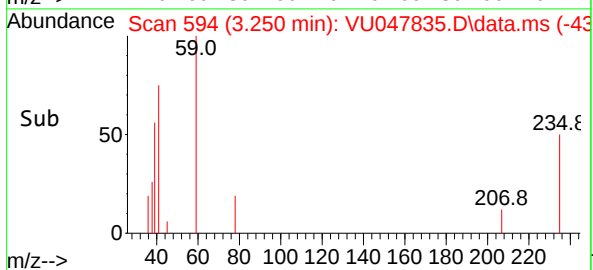
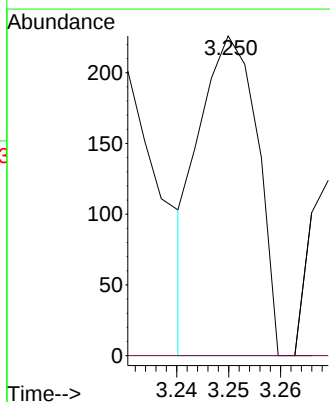
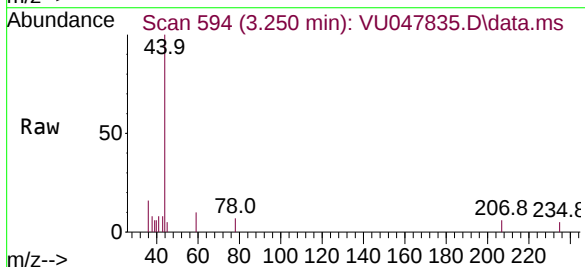
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

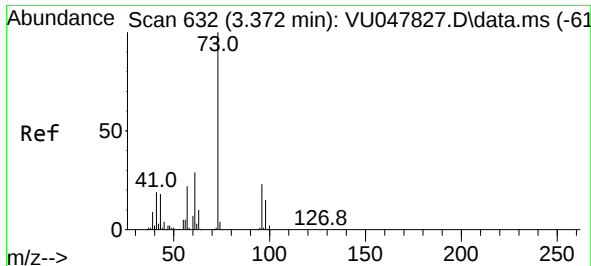
Tgt Ion: 59 Resp: 2152
Ion Ratio Lower Upper
59 100
45 92.4 55.8 83.6#
74 74.0 60.6 91.0



#24
tert-Butyl Alcohol
Concen: 0.173 ug/l
RT: 3.250 min Scan# 594
Delta R.T. 0.013 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 59 Resp: 176
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

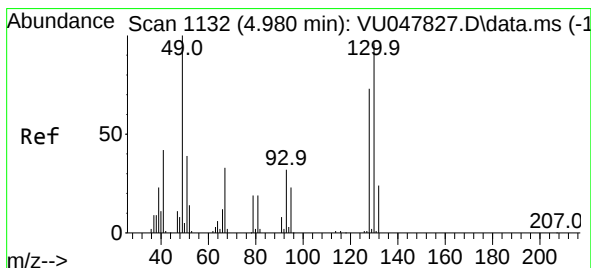
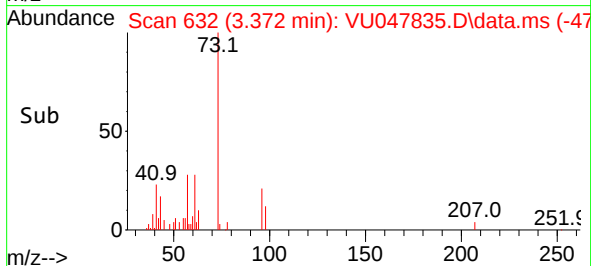
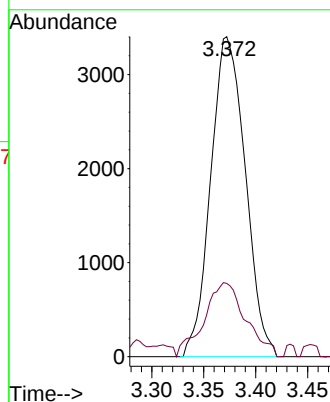
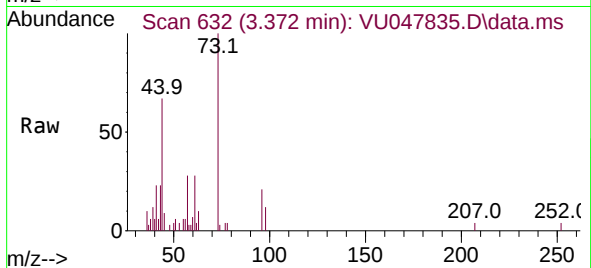




#25
Methyl tert-Butyl Ether
Concen: 0.259 ug/l
RT: 3.372 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

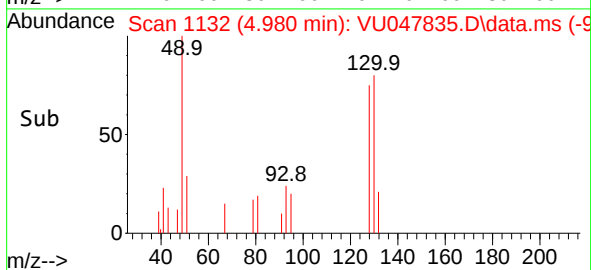
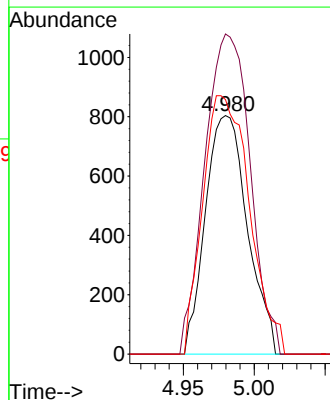
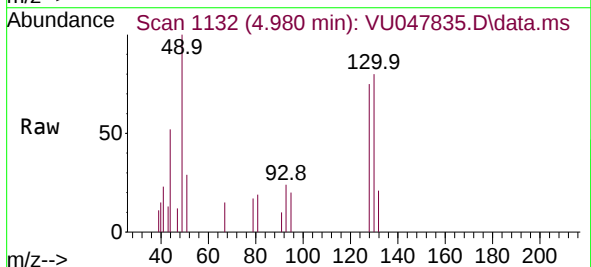
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

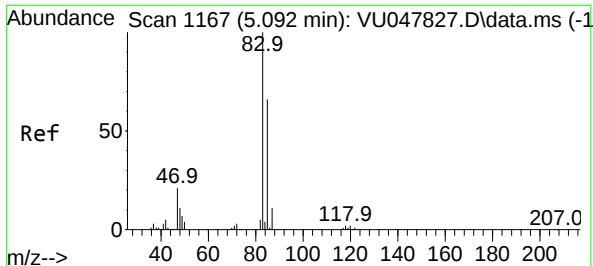
Tgt Ion: 73 Resp: 7888
Ion Ratio Lower Upper
73 100
43 27.8 15.2 22.8#



#26
Bromochloromethane
Concen: 0.241 ug/l
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 128 Resp: 1658
Ion Ratio Lower Upper
128 100
49 145.1 0.0 268.4
130 120.7 102.9 154.3





#27

Chloroform

Concen: 0.259 ug/l

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

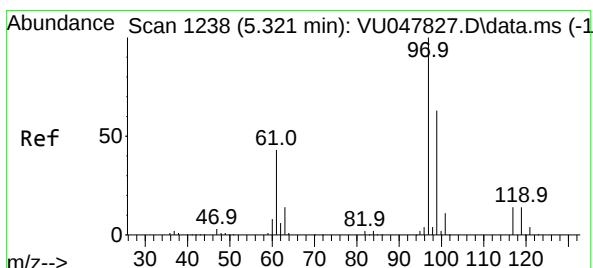
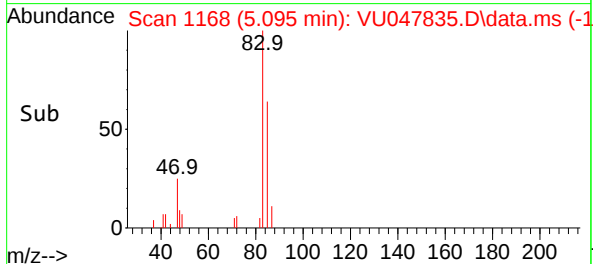
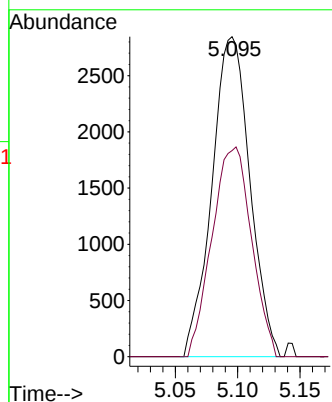
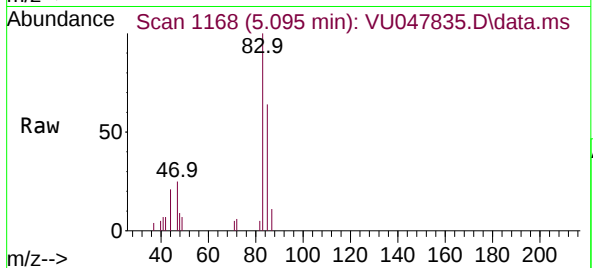
MDL02 0.25ppb

Tgt Ion: 83 Resp: 6052

Ion Ratio Lower Upper

83 100

85 64.4 0.0 131.6



#28

1,1,1-Trichloroethane

Concen: 0.242 ug/l

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

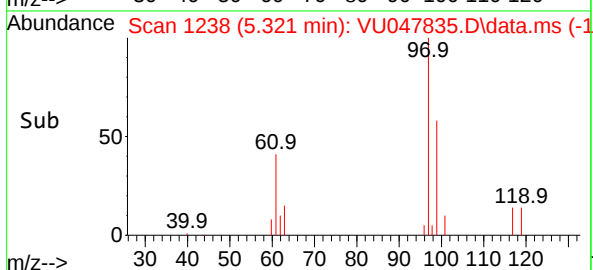
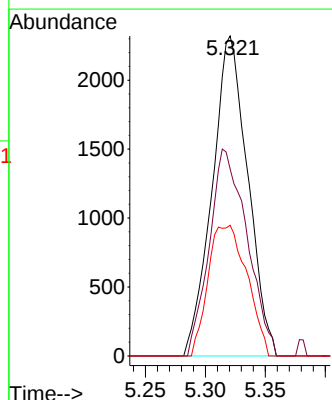
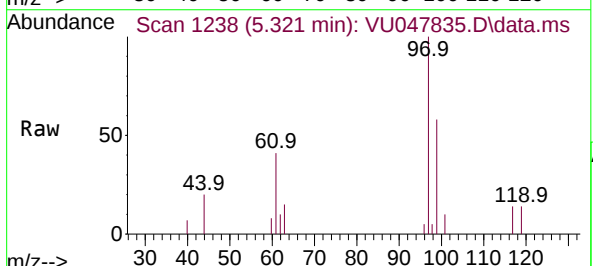
Tgt Ion: 97 Resp: 4780

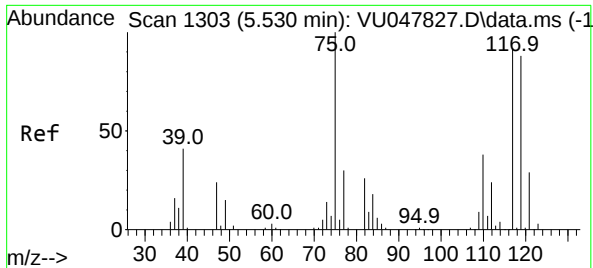
Ion Ratio Lower Upper

97 100

99 68.6 31.9 95.5

61 44.7 21.8 65.4





#29

1,1-Dichloropropene

Concen: 0.226 ug/l

RT: 5.526 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb

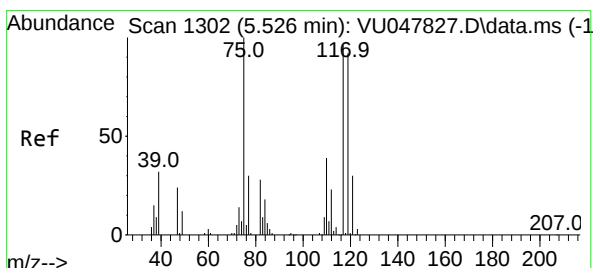
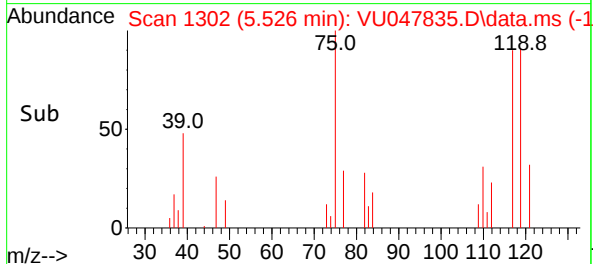
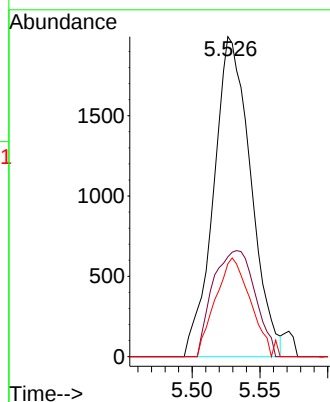
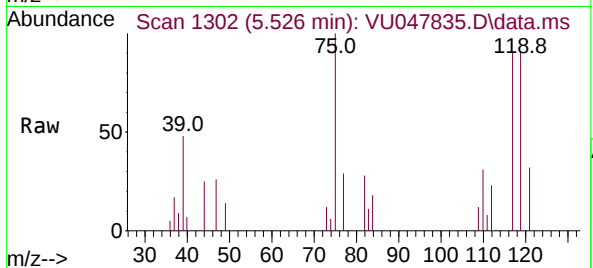
Tgt Ion: 75 Resp: 3786

Ion Ratio Lower Upper

75 100

110 37.8 19.1 57.5

77 29.3 24.7 37.1



#30

Carbon Tetrachloride

Concen: 0.241 ug/l

RT: 5.530 min Scan# 1303

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

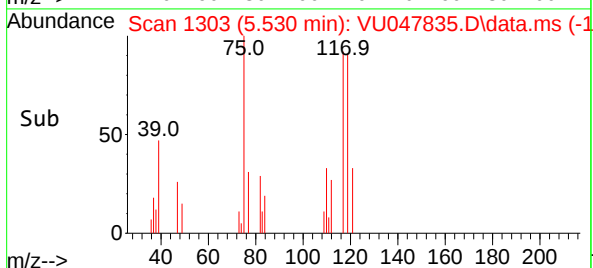
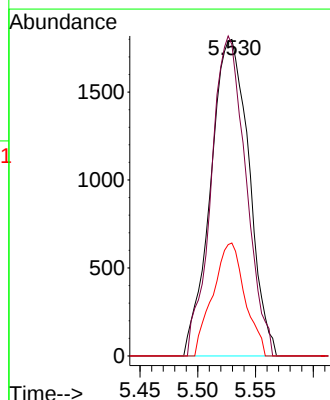
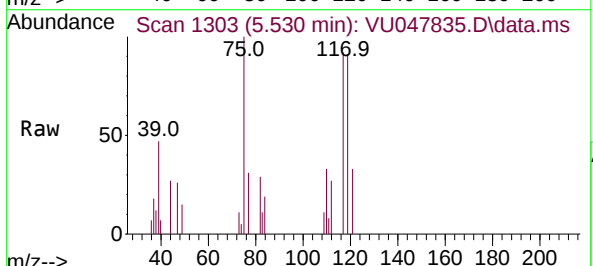
Tgt Ion: 117 Resp: 4143

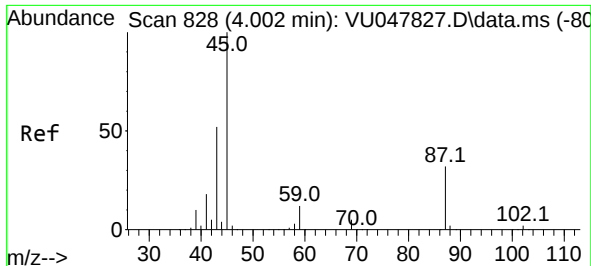
Ion Ratio Lower Upper

117 100

119 98.4 77.2 115.8

121 35.7 25.0 37.6

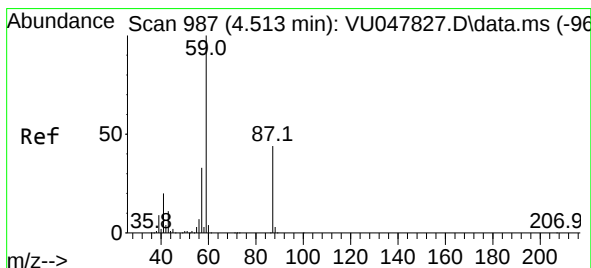
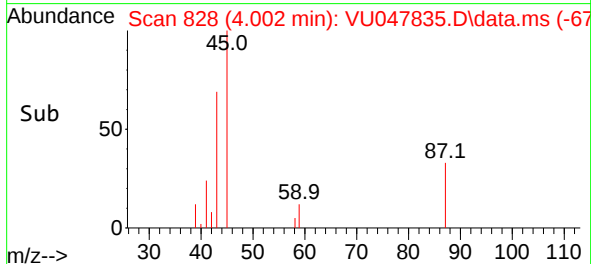
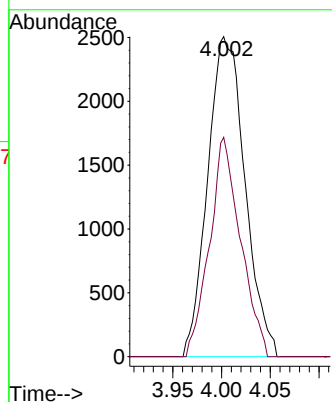
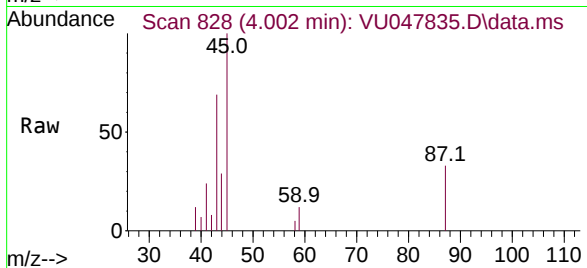




#31
Isopropyl Ether
Concen: 0.219 ug/l
RT: 4.002 min Scan# 81
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

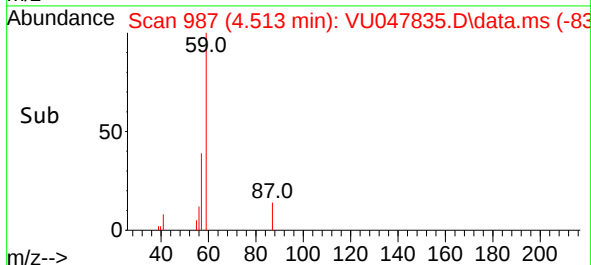
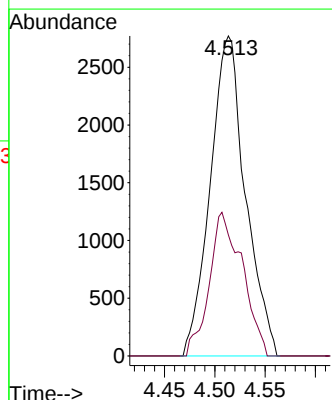
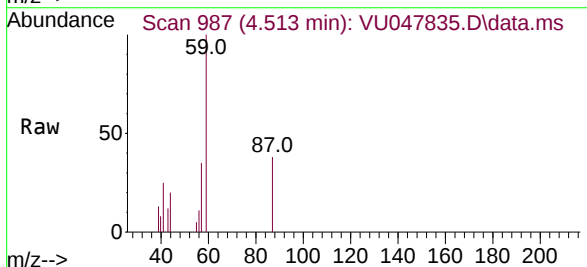
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

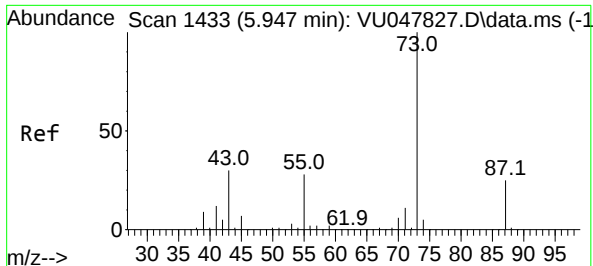
Tgt Ion: 45 Resp: 6668
Ion Ratio Lower Upper
45 100
43 56.9 26.1 78.2



#32
Ethyl-t-butyl ether
Concen: 0.229 ug/l
RT: 4.513 min Scan# 987
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 59 Resp: 6755
Ion Ratio Lower Upper
59 100
87 42.2 35.7 53.5





#33

Tert-Amyl methyl ether

Concen: 0.218 ug/l

RT: 5.951 min Scan# 1433

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

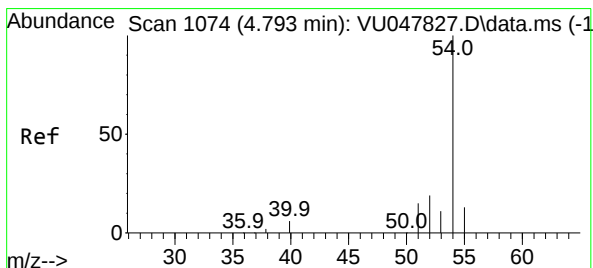
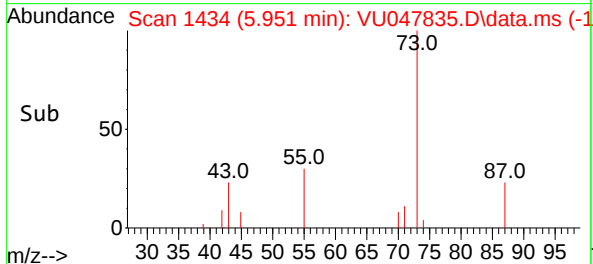
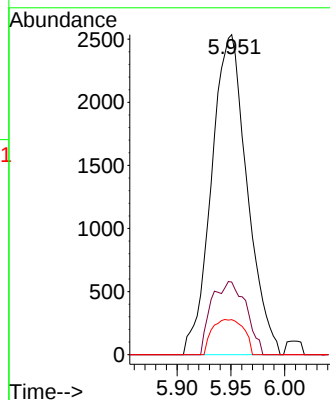
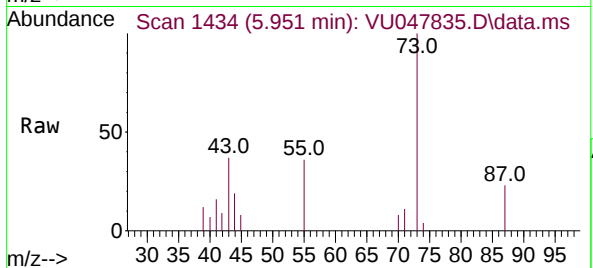
Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb

Tgt Ion: 73	Resp: 5832
Ion Ratio	Lower Upper
73 100	
87 22.2	19.9 29.9
71 9.8	9.2 13.8



#34

Propionitrile

Concen: 0.051 ug/l

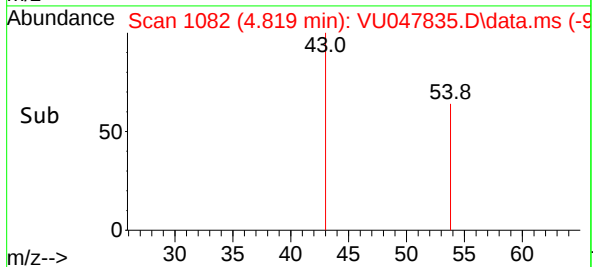
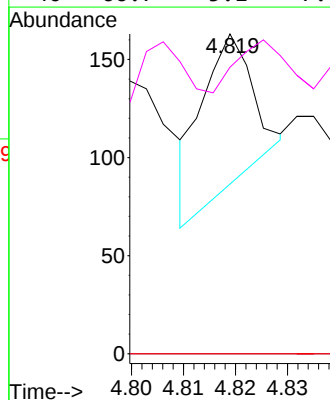
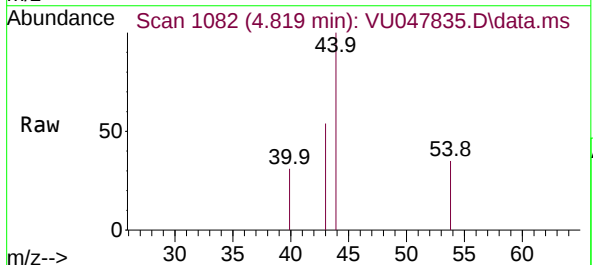
RT: 4.819 min Scan# 1082

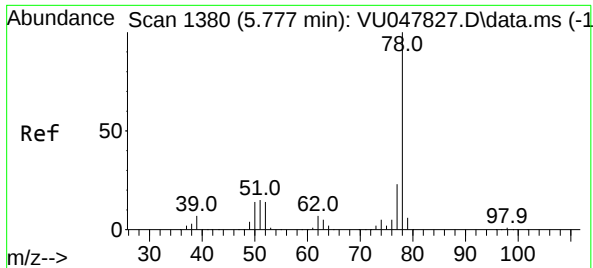
Delta R.T. 0.026 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Tgt Ion: 54	Resp: 54
Ion Ratio	Lower Upper
54 100	
52 0.0	16.2 24.4#
55 0.0	11.0 16.6#
40 66.7	5.1 7.7#





#35

Benzene

Concen: 0.233 ug/l

RT: 5.780 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

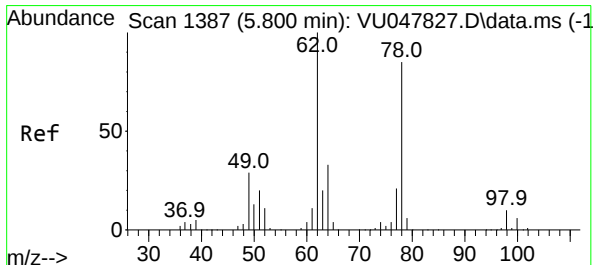
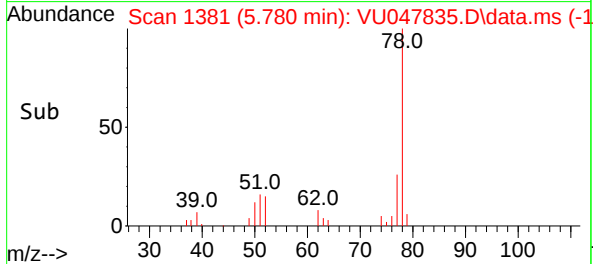
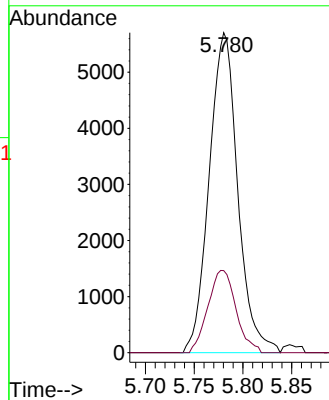
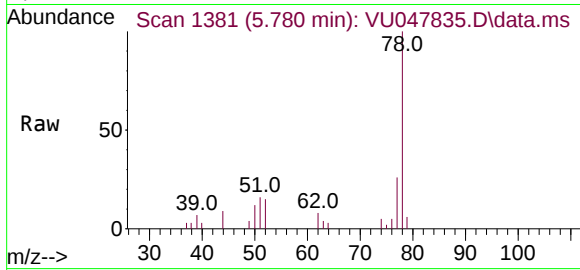
MDL02 0.25ppb

Tgt Ion: 78 Resp: 11630

Ion Ratio Lower Upper

78 100

77 25.6 18.7 28.1



#36

1,2-Dichloroethane

Concen: 0.241 ug/l

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU047835.D

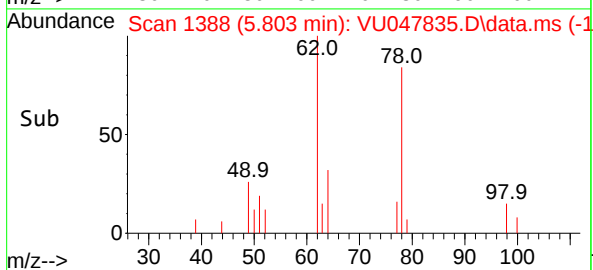
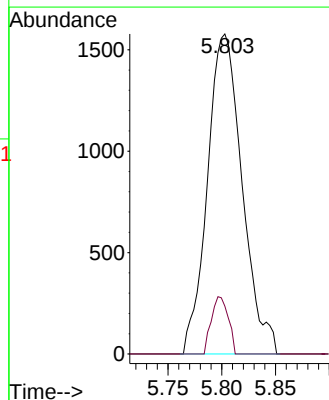
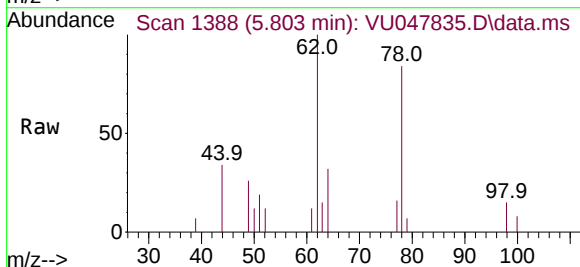
Acq: 06 Apr 2022 17:58

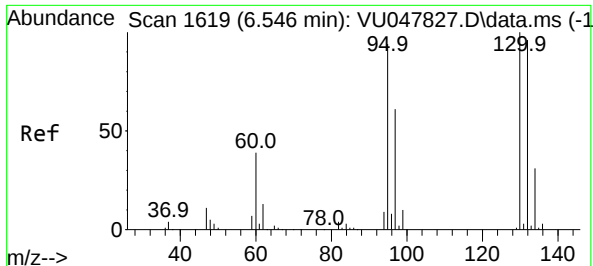
Tgt Ion: 62 Resp: 3548

Ion Ratio Lower Upper

62 100

98 8.7 7.7 11.5

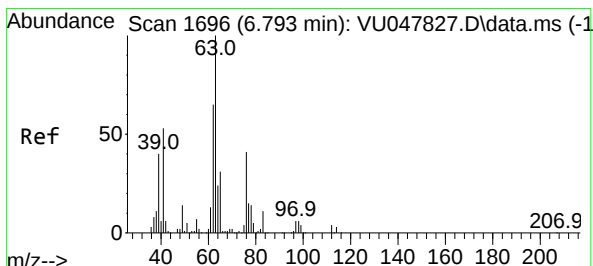
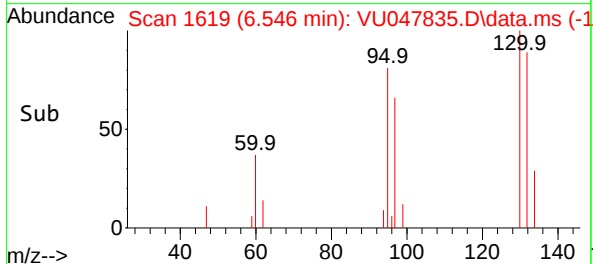
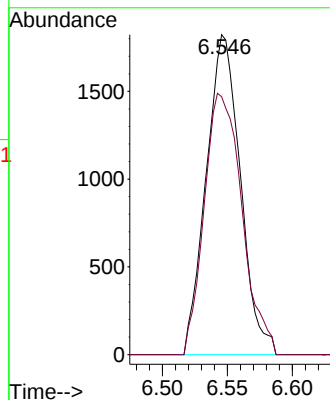
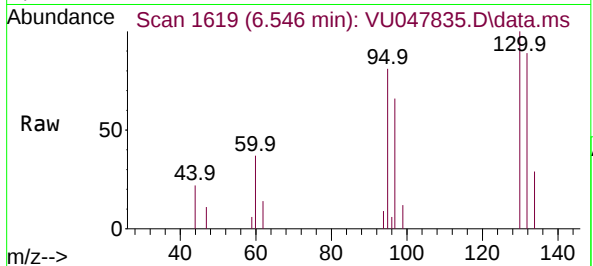




#37
Trichloroethene
Concen: 0.230 ug/l
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

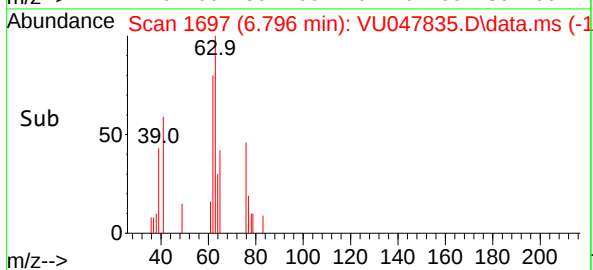
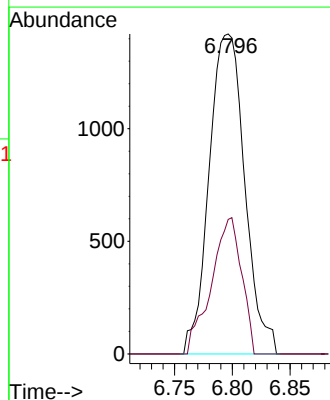
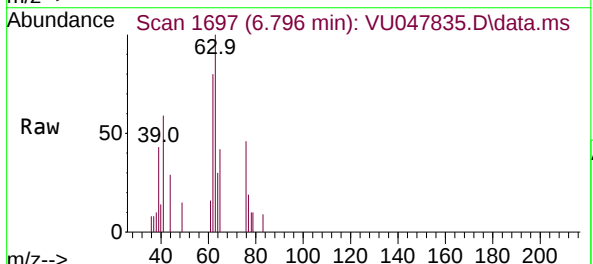
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

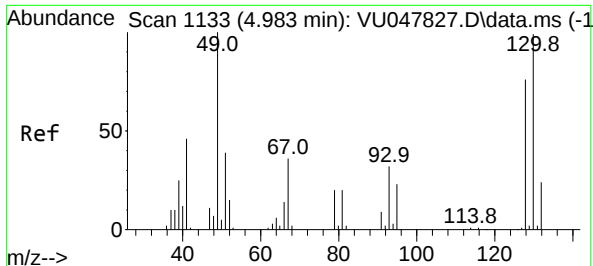
Tgt Ion:130 Resp: 3329
Ion Ratio Lower Upper
130 100
95 80.6 75.4 113.2



#38
1,2-Dichloropropane
Concen: 0.240 ug/l
RT: 6.796 min Scan# 1697
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 63 Resp: 3050
Ion Ratio Lower Upper
63 100
65 42.0 24.9 37.3#





#39

Methacrylonitrile

Concen: 0.087 ug/l

RT: 4.983 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VU047835.D

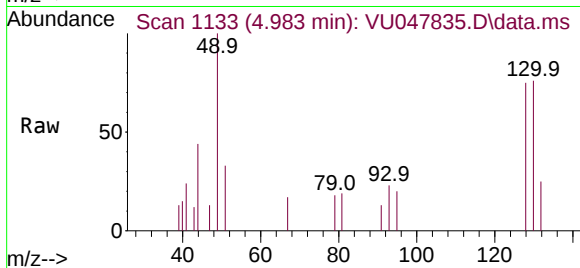
Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb



Tgt Ion: 41 Resp: 326

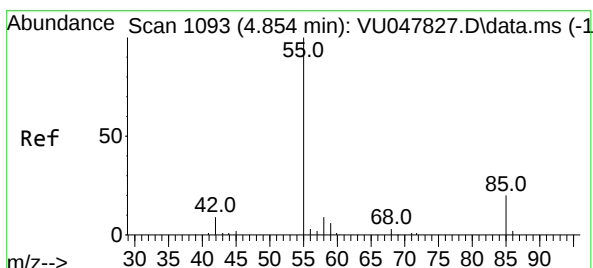
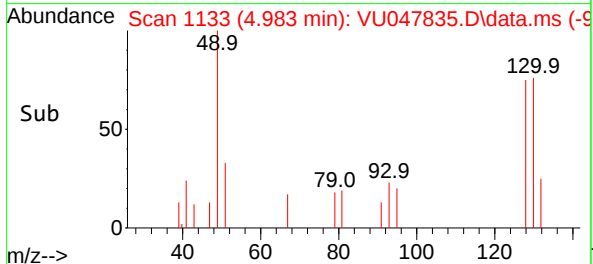
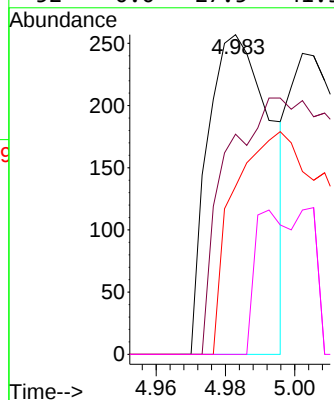
Ion Ratio Lower Upper

41 100

67 0.0 65.3 97.9#

39 0.0 43.6 65.4#

52 0.0 27.5 41.3#



#40

Methyl acrylate

Concen: 0.168 ug/l

RT: 4.870 min Scan# 1098

Delta R.T. 0.016 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Tgt Ion: 55 Resp: 1026

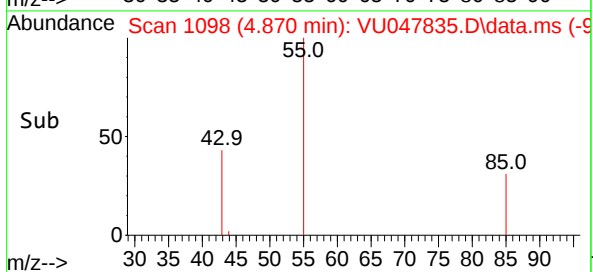
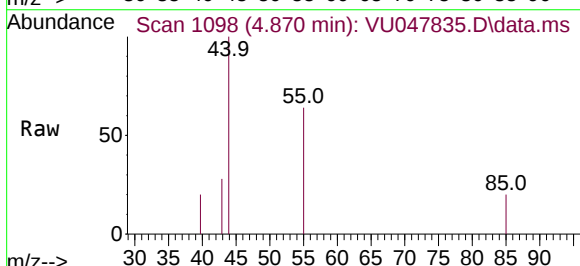
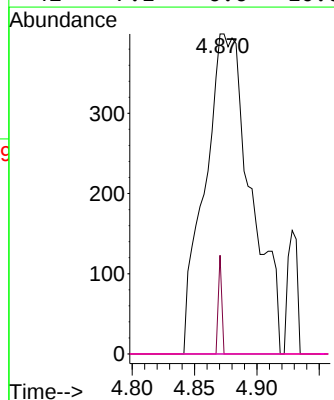
Ion Ratio Lower Upper

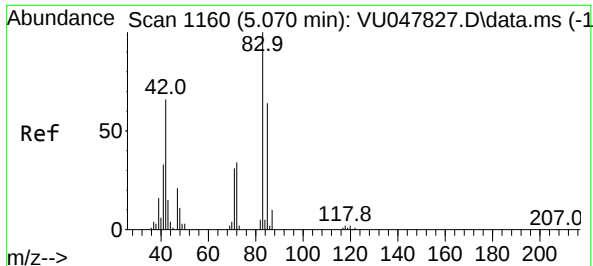
55 100

85 0.0 14.6 21.8#

58 0.0 6.7 10.1#

42 7.1 6.6 10.0

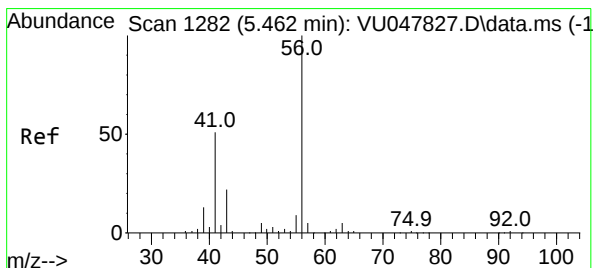
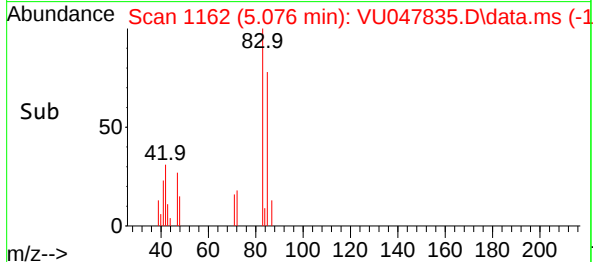
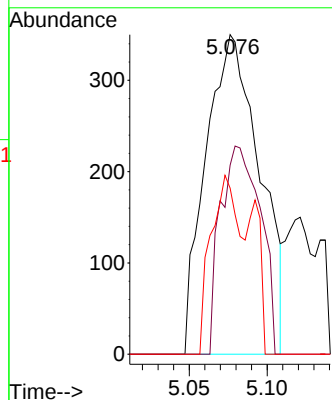
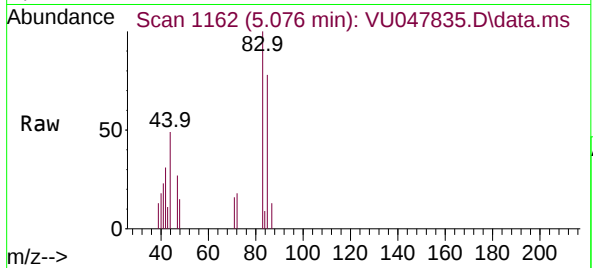




#41
Tetrahydrofuran
Concen: 0.400 ug/l
RT: 5.076 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

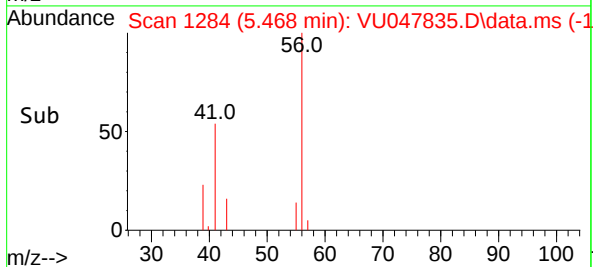
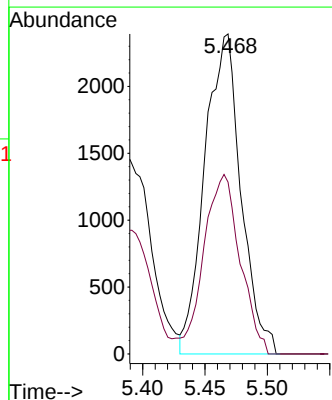
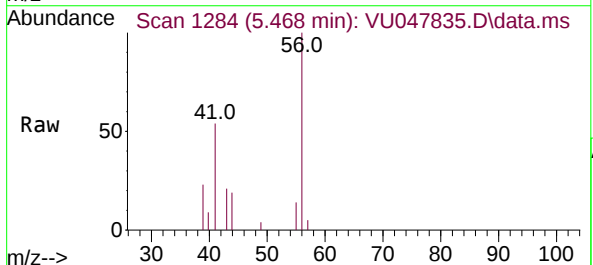
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

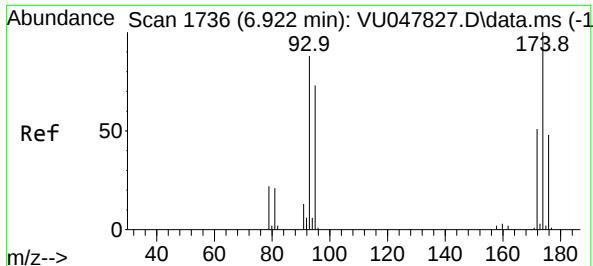
Tgt Ion: 42 Resp: 843
Ion Ratio Lower Upper
42 100
72 48.3 43.8 65.8
71 30.4 37.4 56.0



#42
1-Chlorobutane
Concen: 0.224 ug/l
RT: 5.468 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 56 Resp: 4828
Ion Ratio Lower Upper
56 100
41 56.0 25.6 76.6

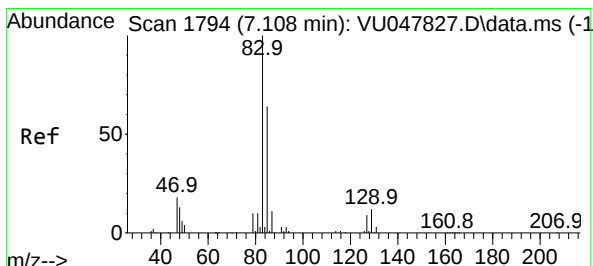
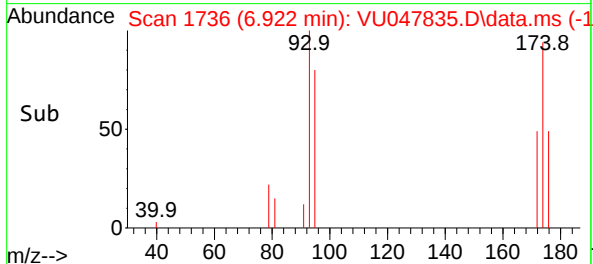
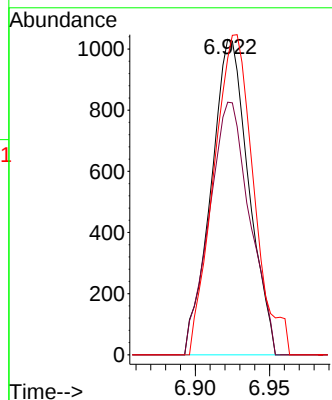
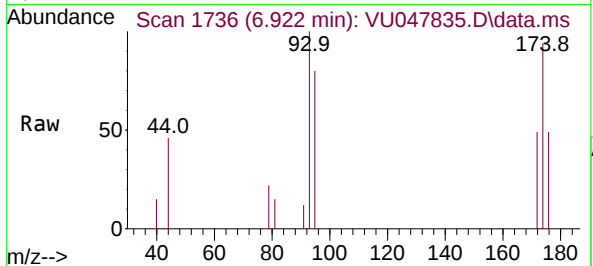




#43
Dibromomethane
Concen: 0.249 ug/l
RT: 6.922 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

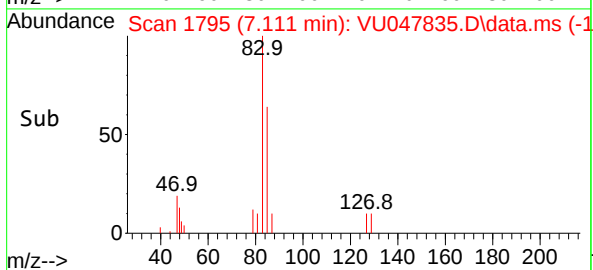
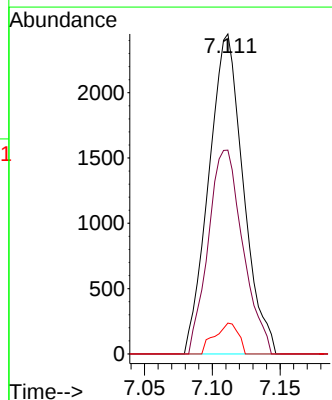
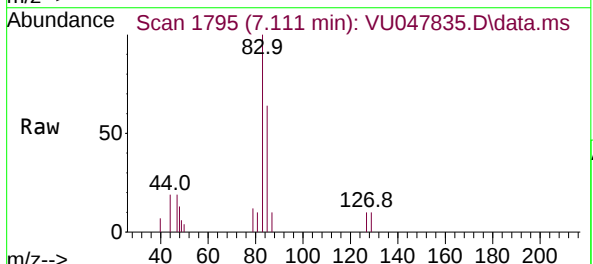
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

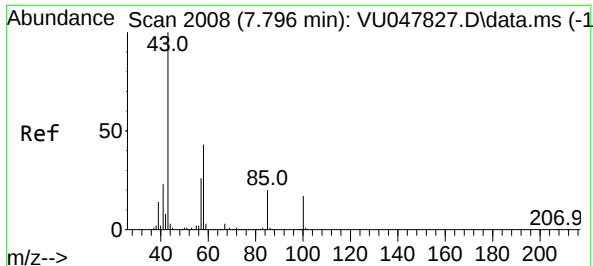
Tgt Ion:	93	Resp:	1818
Ion	Ratio	Lower	Upper
93	100		
95	86.1	67.0	100.4
174	107.8	89.8	134.8



#44
Bromodichloromethane
Concen: 0.257 ug/l
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:	83	Resp:	4335
Ion	Ratio	Lower	Upper
83	100		
85	63.7	50.8	76.2
127	9.6	7.4	11.2





#45

4-Methyl-2-Pentanone

Concen: 1.132 ug/l

RT: 7.803 min Scan# 2008

Delta R.T. 0.006 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb

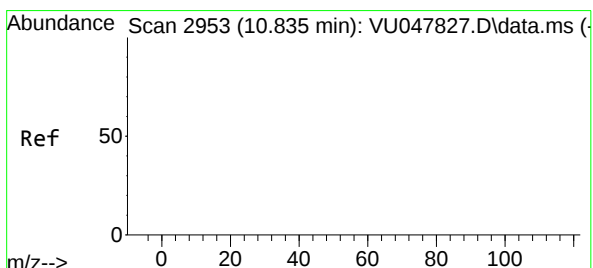
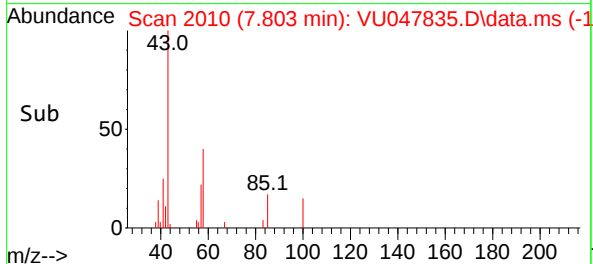
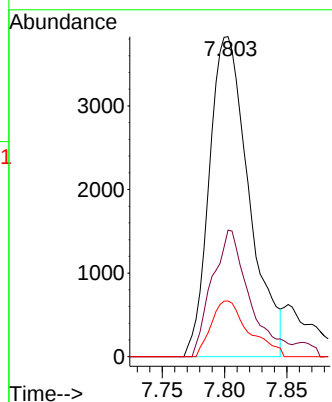
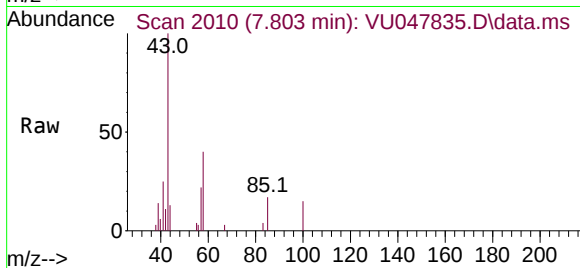
Tgt Ion: 43 Resp: 8476

Ion Ratio Lower Upper

43 100

58 37.7 21.1 63.4

85 16.5 16.2 24.2



#46

t-1,4-Dichloro-2-butene

Concen: 1.051 ug/l

RT: 10.828 min Scan# 2951

Delta R.T. -0.006 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Tgt Ion: 75 Resp: 3717

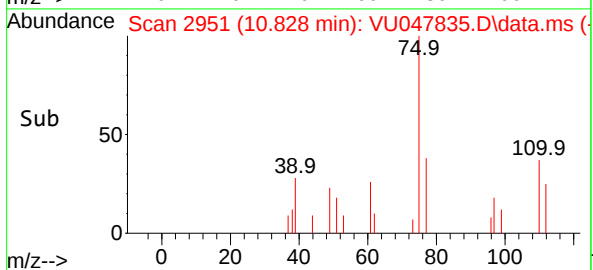
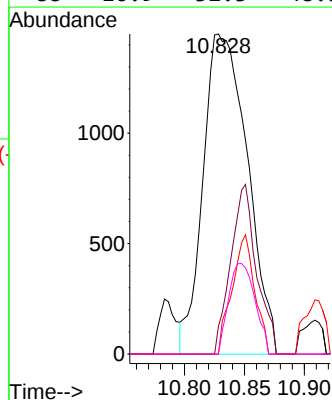
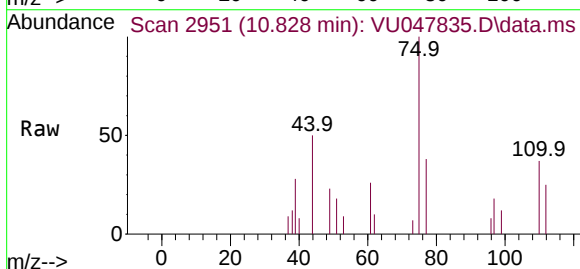
Ion Ratio Lower Upper

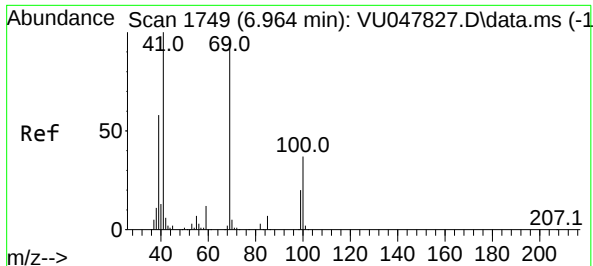
75 100

53 30.9 63.4 95.2#

89 19.1 43.6 65.4#

88 16.9 32.3 48.5#





#47

Methyl methacrylate

Concen: 0.390 ug/l

RT: 6.973 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb

Tgt Ion: 69 Resp: 2283

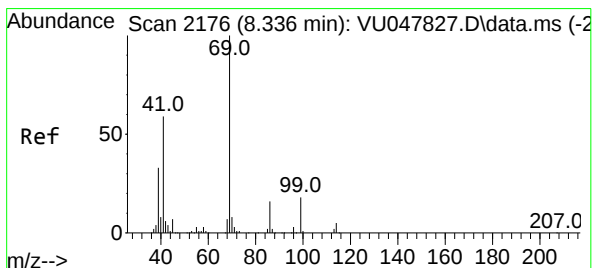
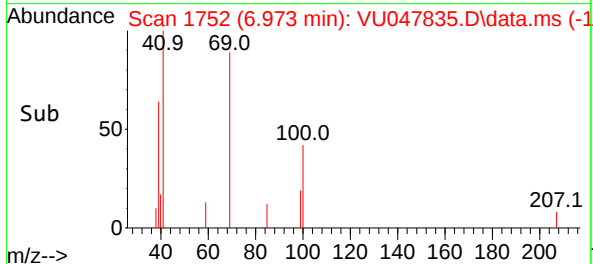
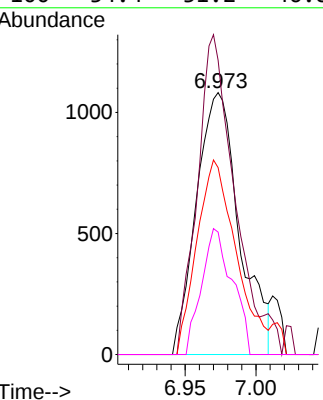
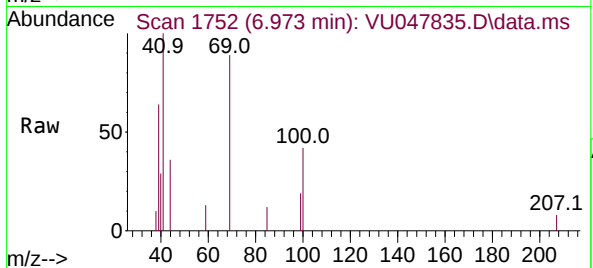
Ion Ratio Lower Upper

69 100

41 106.7 0.0 205.0

39 68.2 47.9 71.9

100 34.4 31.2 46.8



#48

Ethyl methacrylate

Concen: 0.219 ug/l

RT: 8.343 min Scan# 2178

Delta R.T. 0.006 min

Lab File: VU047835.D

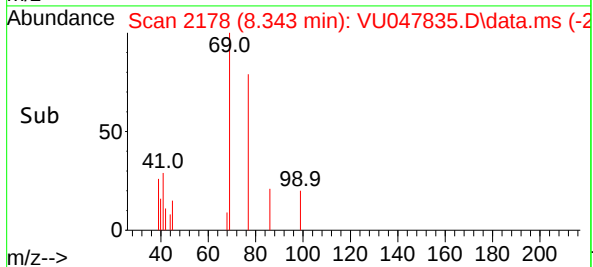
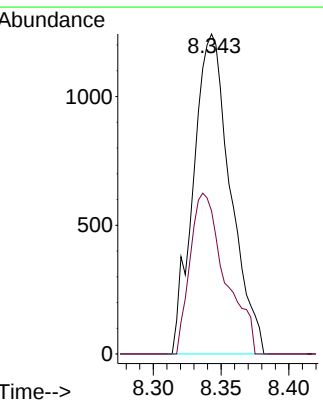
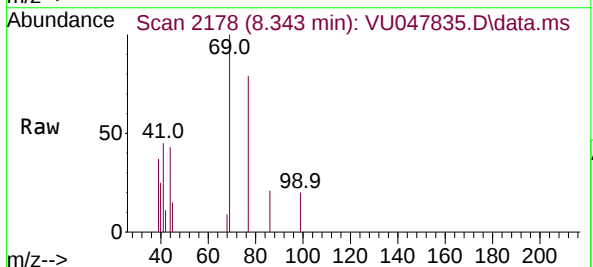
Acq: 06 Apr 2022 17:58

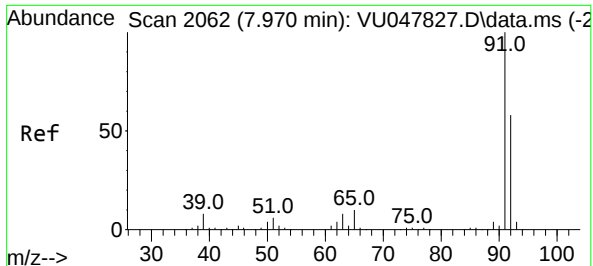
Tgt Ion: 69 Resp: 2366

Ion Ratio Lower Upper

69 100

41 47.7 29.8 89.4





#49

Toluene

Concen: 0.211 ug/l

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

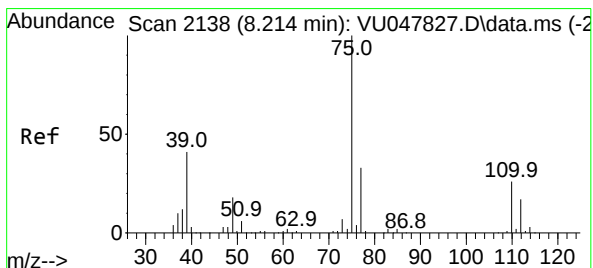
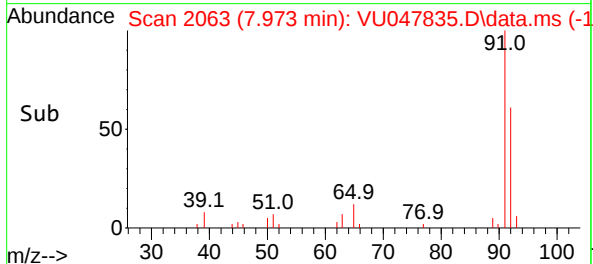
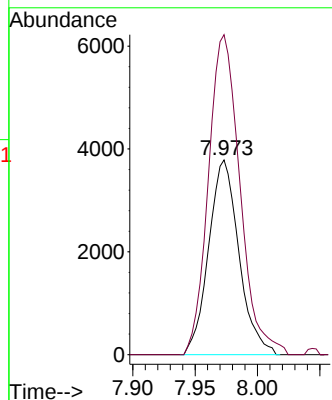
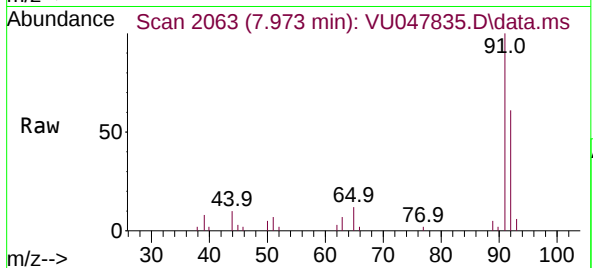
MDL02 0.25ppb

Tgt Ion: 92 Resp: 6416

Ion Ratio Lower Upper

92 100

91 171.1 137.4 206.0



#50

t-1,3-Dichloropropene

Concen: 0.227 ug/l

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU047835.D

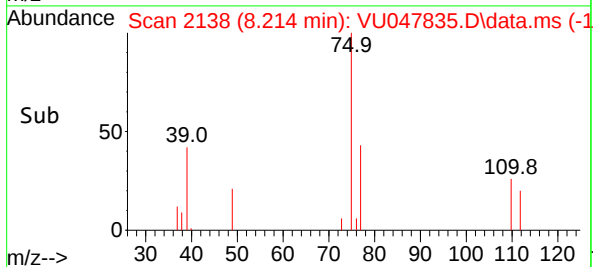
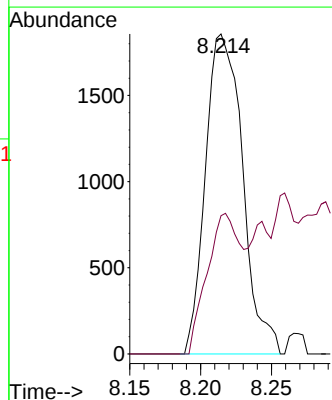
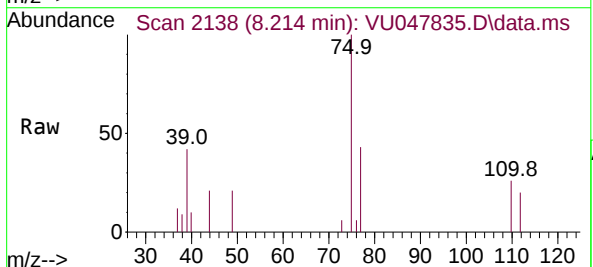
Acq: 06 Apr 2022 17:58

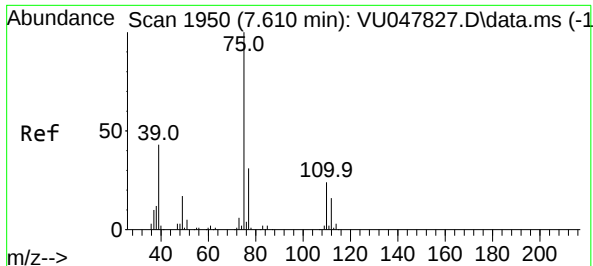
Tgt Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

77 43.2 26.0 39.0#

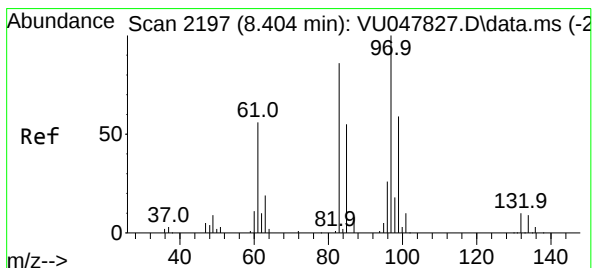
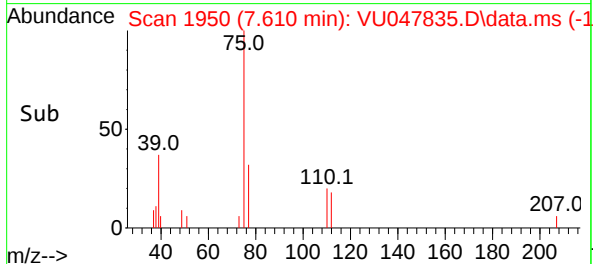
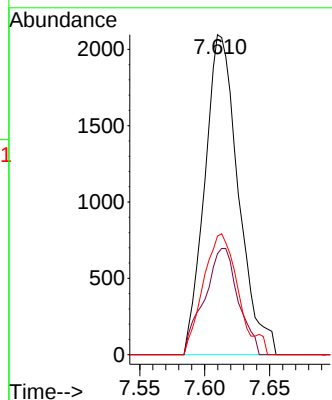
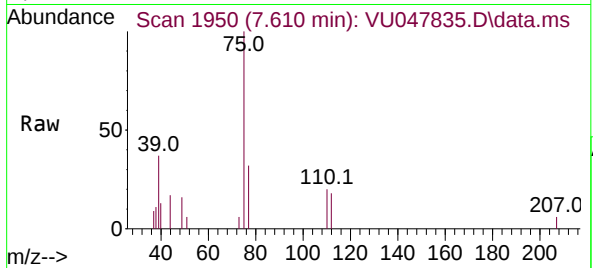




#51
 cis-1,3-Dichloropropene
 Concen: 0.220 ug/l
 RT: 7.610 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

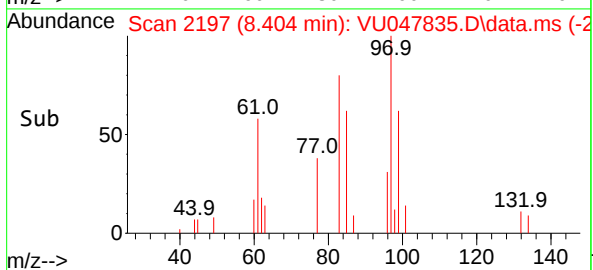
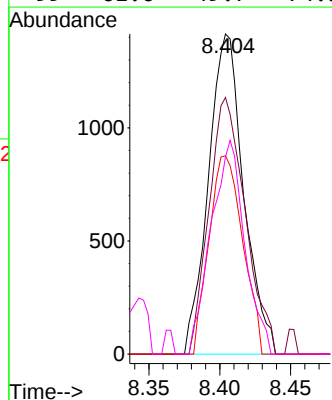
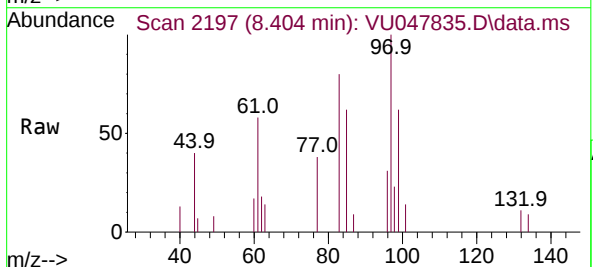
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

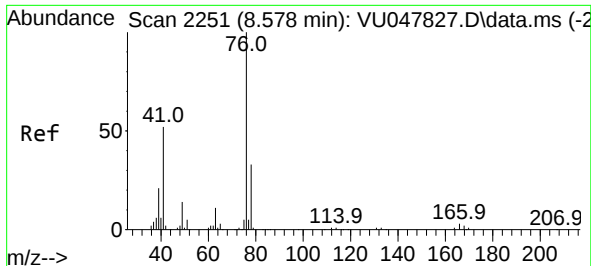
Tgt Ion:	75	Resp:	3768
Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.1	37.7
39	37.1	34.2	51.4



#52
 1,1,2-Trichloroethane
 Concen: 0.238 ug/l
 RT: 8.404 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion:	97	Resp:	2450
Ion	Ratio	Lower	Upper
97	100		
83	80.1	68.8	103.2
85	62.0	44.2	66.4
99	61.6	49.7	74.5





#53

1,3-Dichloropropane

Concen: 0.245 ug/l

RT: 8.581 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

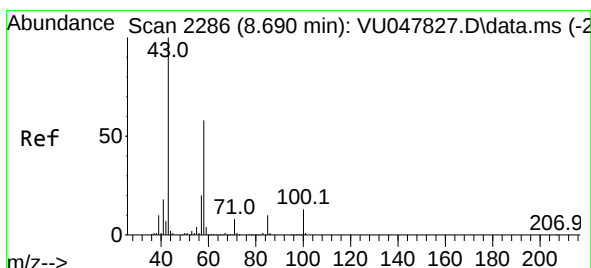
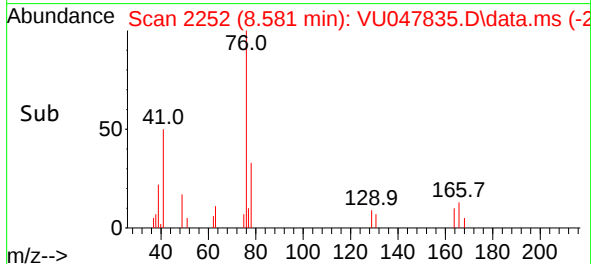
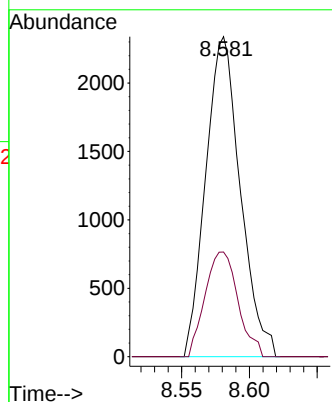
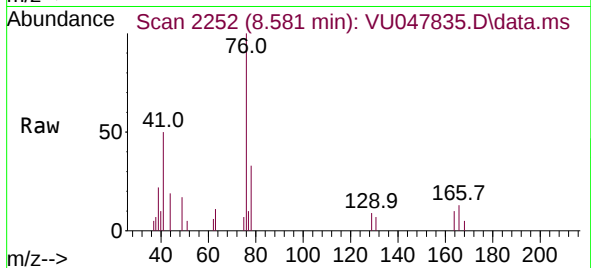
MDL02 0.25ppb

Tgt Ion: 76 Resp: 4142

Ion Ratio Lower Upper

76 100

78 31.2 26.1 39.1



#54

2-Hexanone

Concen: 1.216 ug/l

RT: 8.697 min Scan# 2288

Delta R.T. 0.006 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

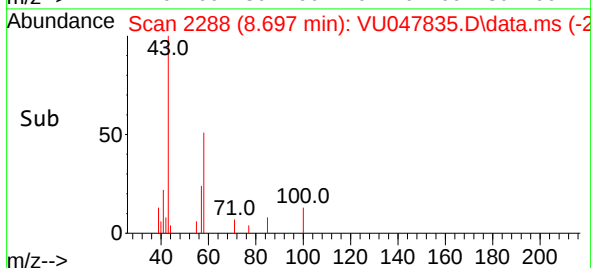
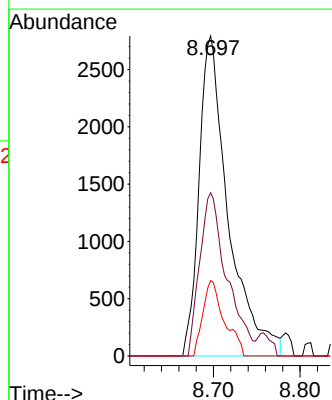
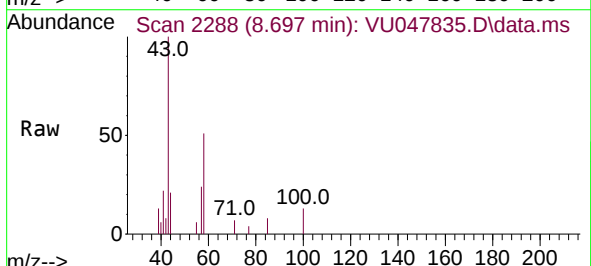
Tgt Ion: 43 Resp: 6547

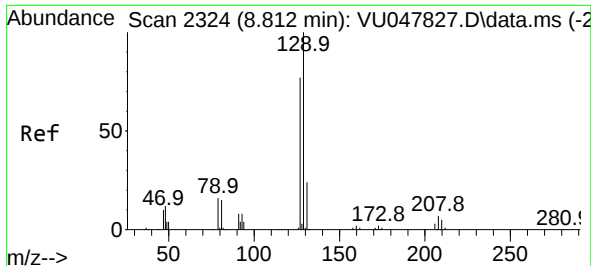
Ion Ratio Lower Upper

43 100

58 47.7 37.9 77.9

57 17.2 0.0 39.5





#55

Dibromochloromethane

Concen: 0.238 ug/l

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

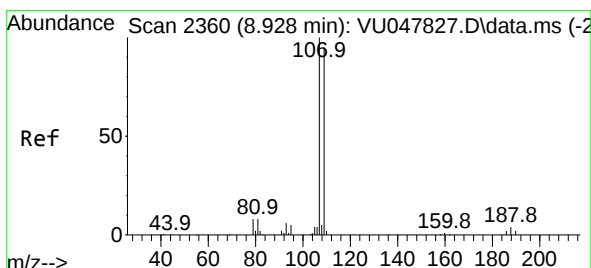
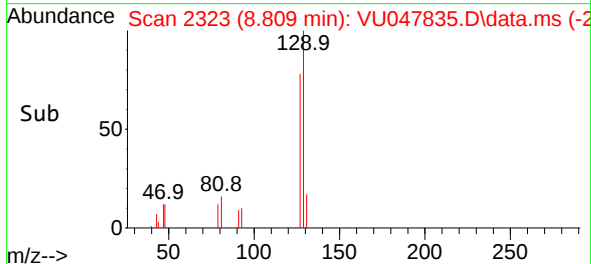
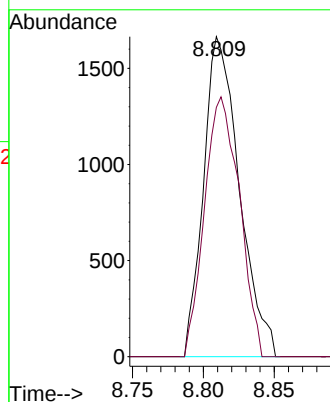
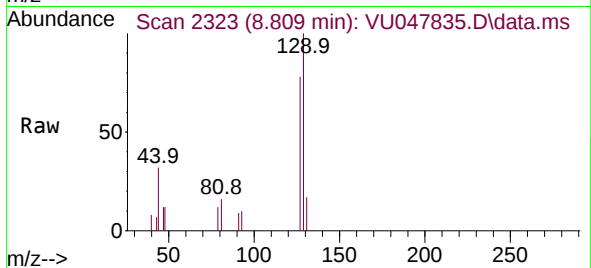
MDL02 0.25ppb

Tgt Ion:129 Resp: 2930

Ion Ratio Lower Upper

129 100

127 79.1 61.8 92.8



#56

1,2-Dibromoethane

Concen: 0.255 ug/l

RT: 8.931 min Scan# 2361

Delta R.T. 0.003 min

Lab File: VU047835.D

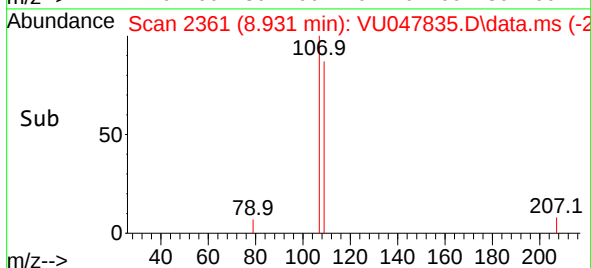
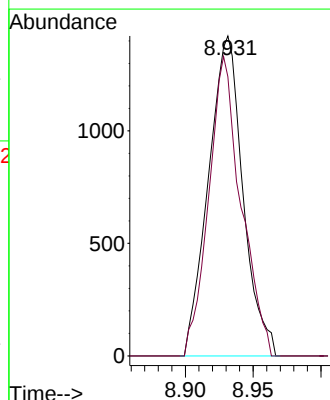
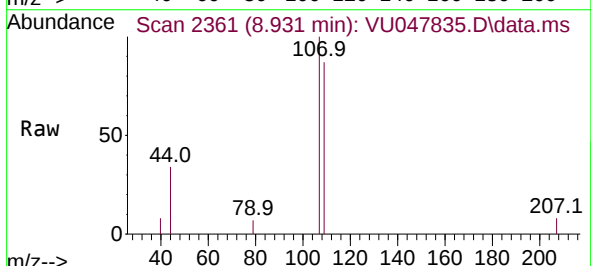
Acq: 06 Apr 2022 17:58

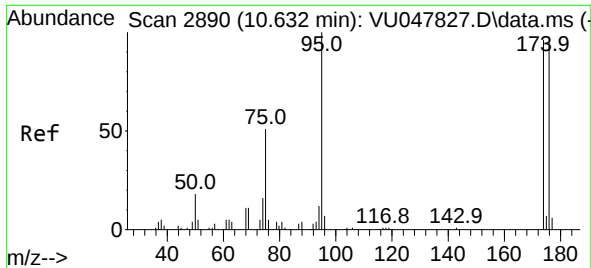
Tgt Ion:107 Resp: 2515

Ion Ratio Lower Upper

107 100

109 87.8 0.0 186.8

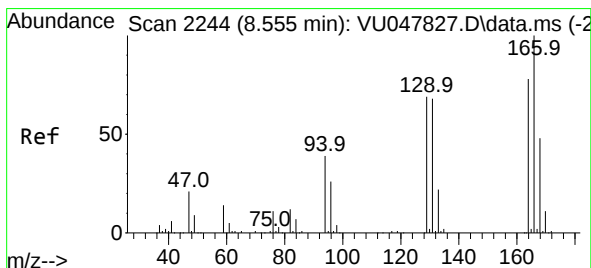
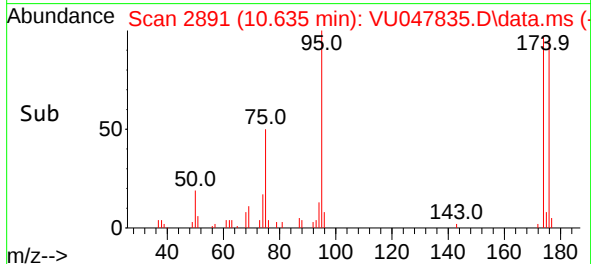
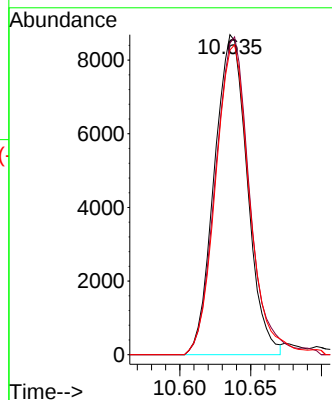
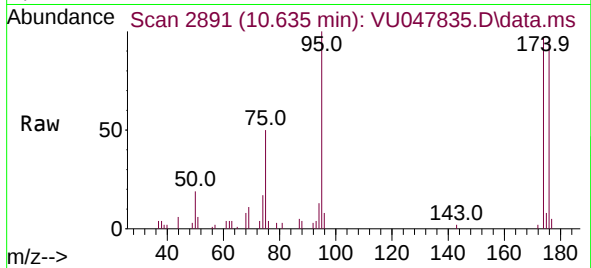




#57
4-Bromofluorobenzene
Concen: 0.858 ug/l
RT: 10.635 min Scan# 2891
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

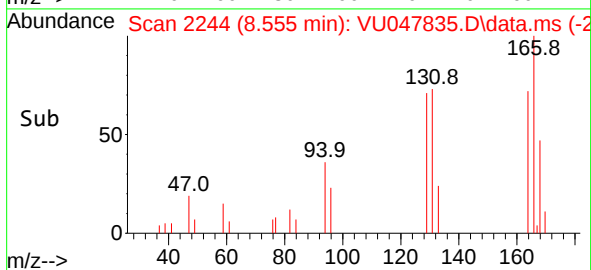
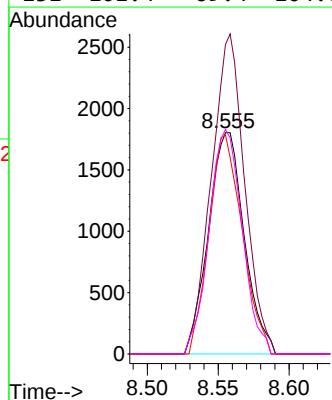
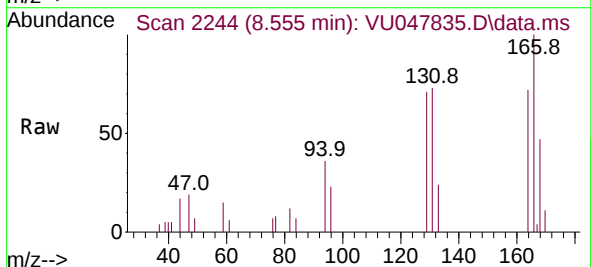
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

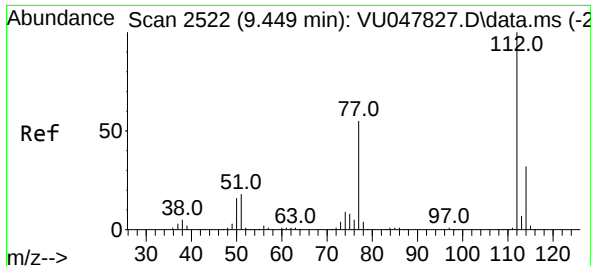
Tgt Ion: 95 Resp: 14048
Ion Ratio Lower Upper
95 100
174 103.4 76.9 115.3
176 100.1 76.4 114.6



#58
Tetrachloroethene
Concen: 0.244 ug/l
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 164 Resp: 3177
Ion Ratio Lower Upper
164 100
166 139.8 102.6 154.0
129 98.9 71.1 106.7
131 101.4 69.4 104.0





#59

Chlorobenzene

Concen: 0.224 ug/l

RT: 9.452 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

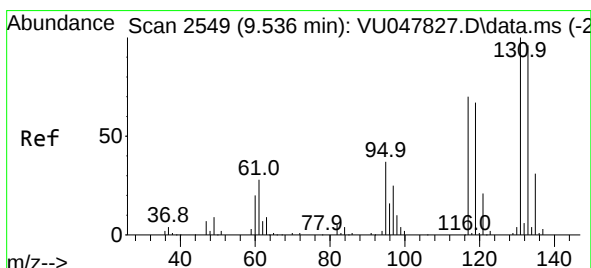
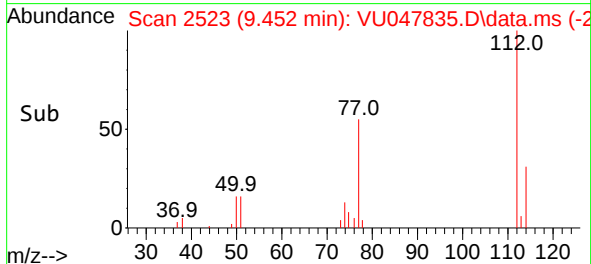
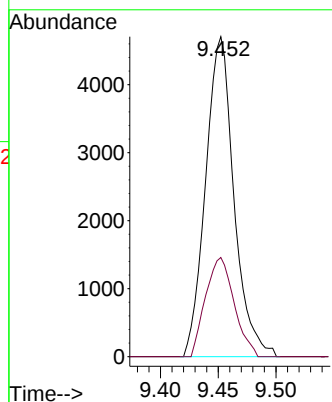
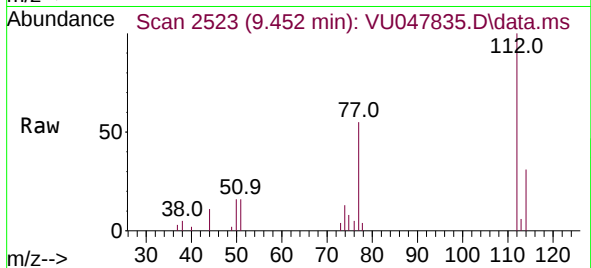
MDL02 0.25ppb

Tgt Ion:112 Resp: 8035

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



#60

1,1,1,2-Tetrachloroethane

Concen: 0.243 ug/l

RT: 9.536 min Scan# 2549

Delta R.T. 0.000 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

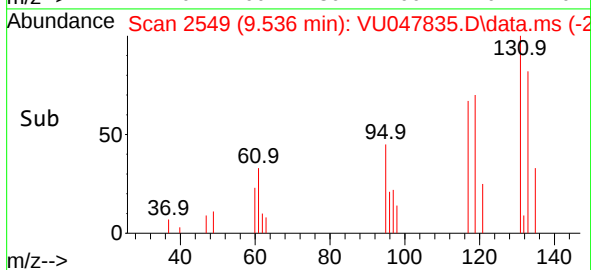
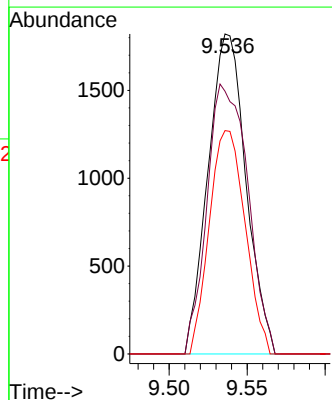
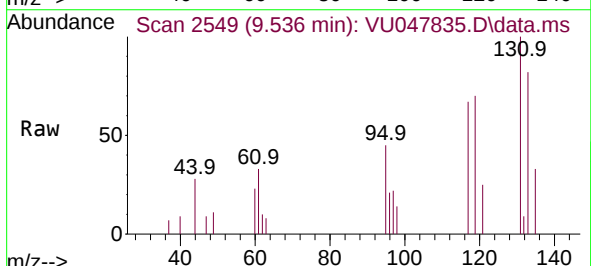
Tgt Ion:131 Resp: 3088

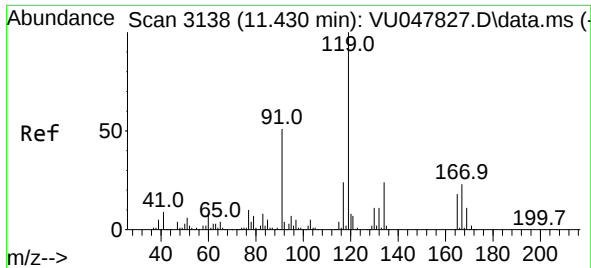
Ion Ratio Lower Upper

131 100

133 90.8 76.6 115.0

119 65.9 53.1 79.7

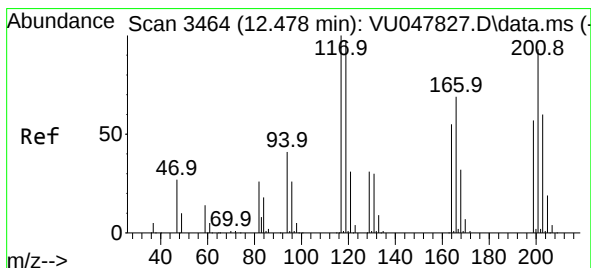
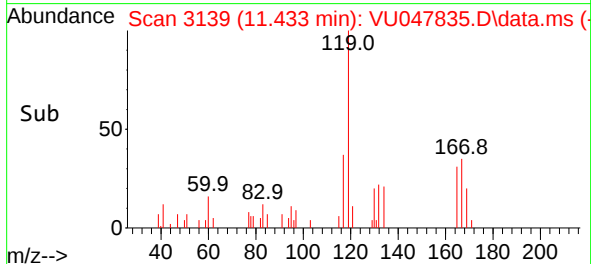
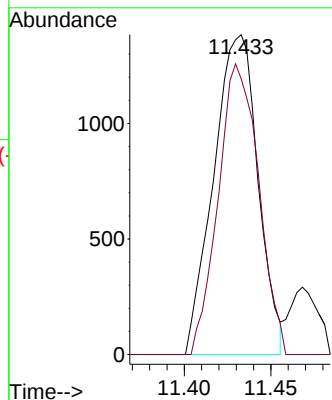
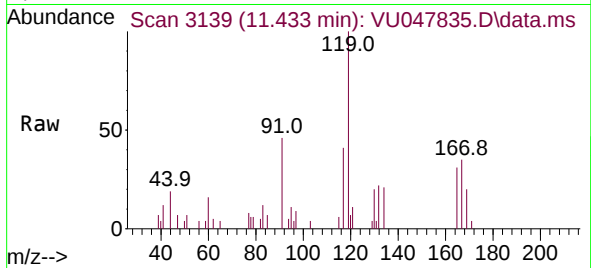




#61
 Pentachloroethane
 Concen: 0.233 ug/l
 RT: 11.433 min Scan# 3138
 Delta R.T. 0.003 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

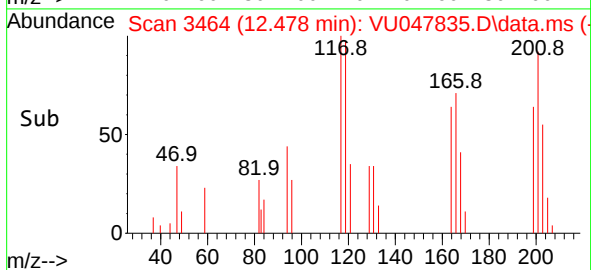
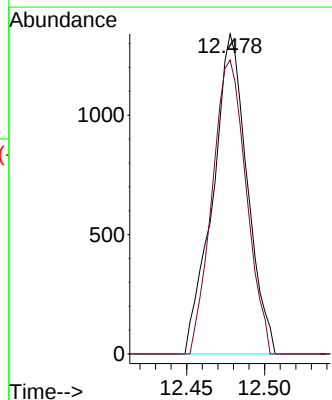
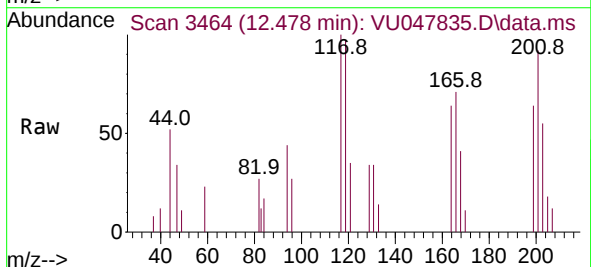
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

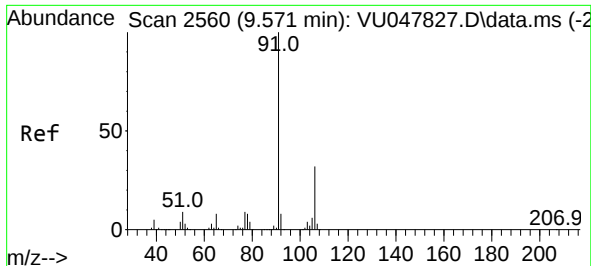
Tgt Ion:117 Resp: 2465
 Ion Ratio Lower Upper
 117 100
 167 83.0 71.0 106.4



#62
 Hexachloroethane
 Concen: 0.213 ug/l
 RT: 12.478 min Scan# 3464
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion:117 Resp: 2058
 Ion Ratio Lower Upper
 117 100
 201 0.0 74.8 112.2#

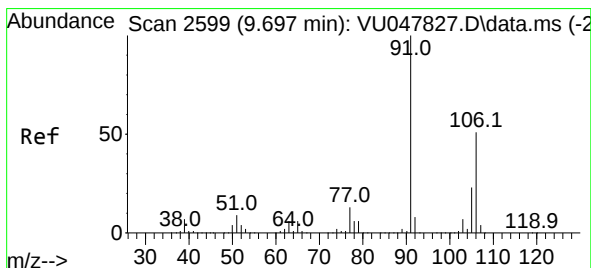
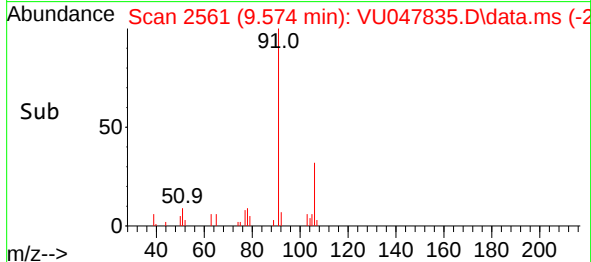
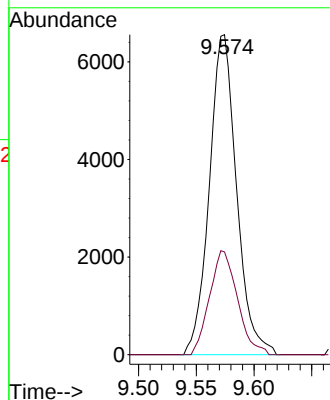
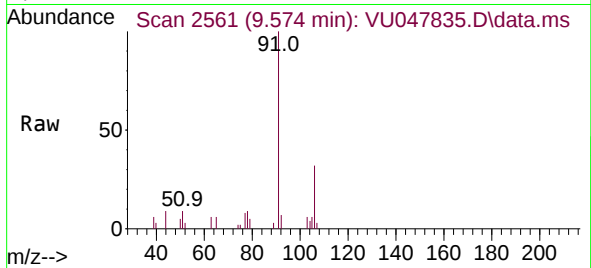




#63
Ethyl Benzene
Concen: 0.195 ug/l
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

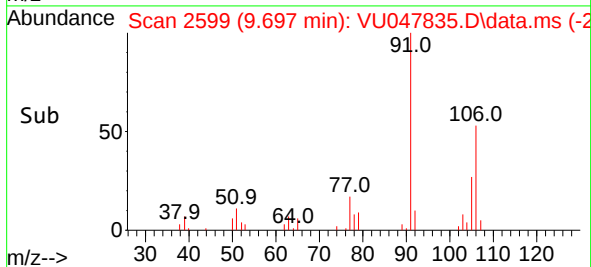
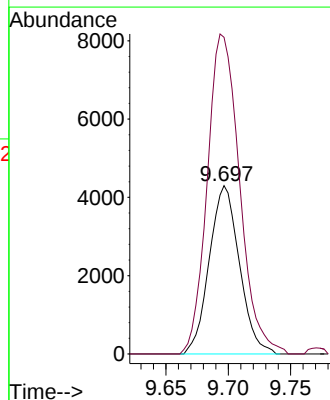
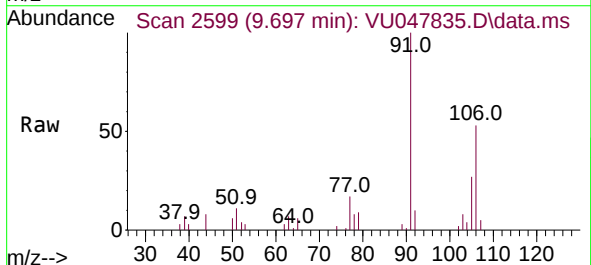
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

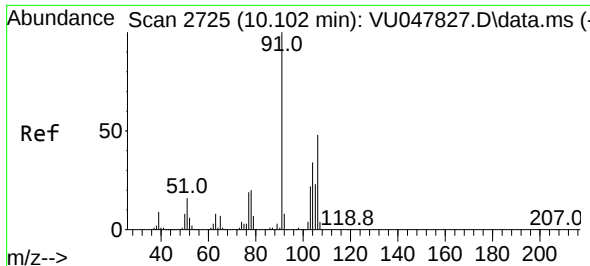
Tgt Ion: 91 Resp: 10774
Ion Ratio Lower Upper
91 100
106 32.1 25.4 38.0



#64
m/p-Xylenes
Concen: 0.329 ug/l
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 106 Resp: 7238
Ion Ratio Lower Upper
106 100
91 204.0 158.2 237.4

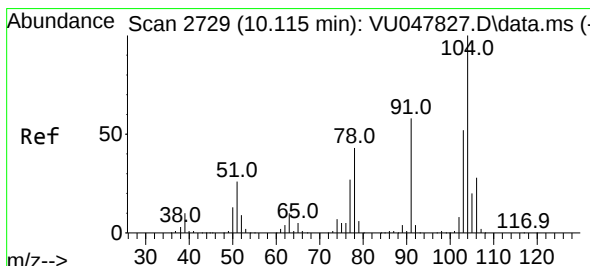
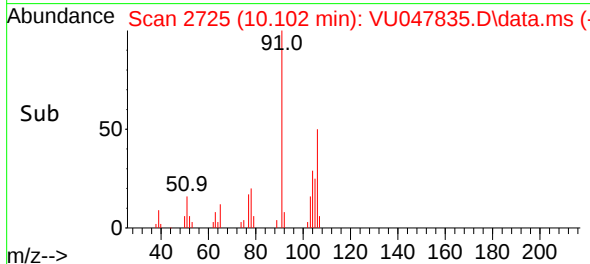
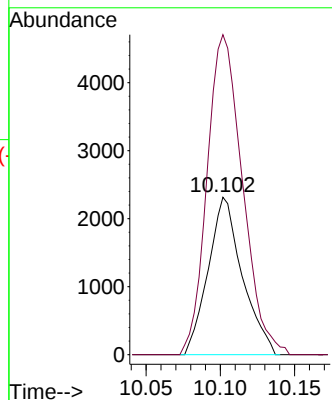
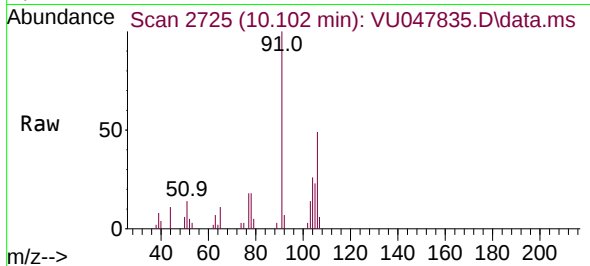




#65
o-Xylene
Concen: 0.176 ug/l
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

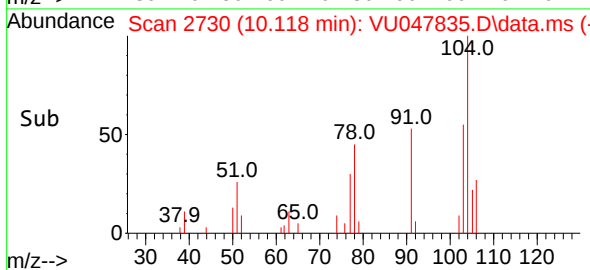
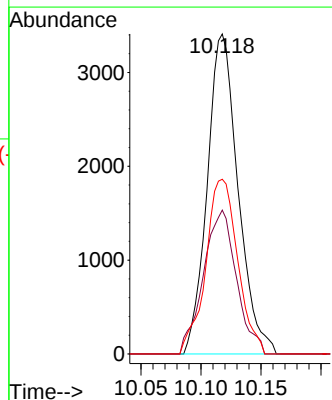
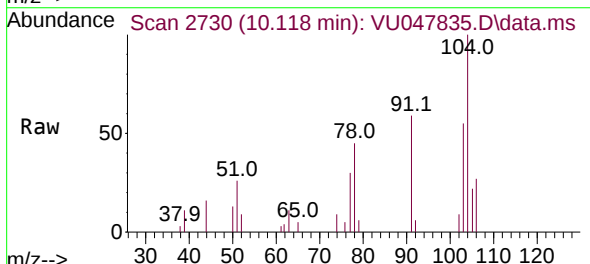
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

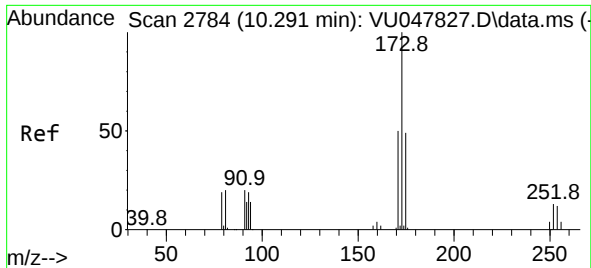
Tgt Ion:106 Resp: 3701
Ion Ratio Lower Upper
106 100
91 210.9 105.4 316.2



#66
Styrene
Concen: 0.172 ug/l
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:104 Resp: 6099
Ion Ratio Lower Upper
104 100
78 48.2 37.1 55.7
103 56.6 44.1 66.1

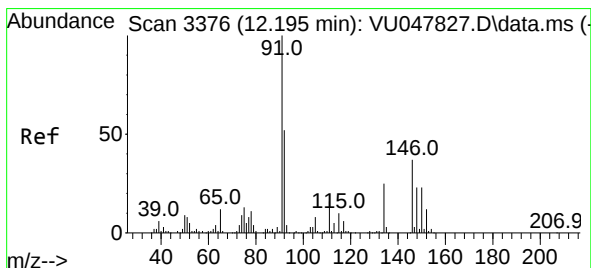
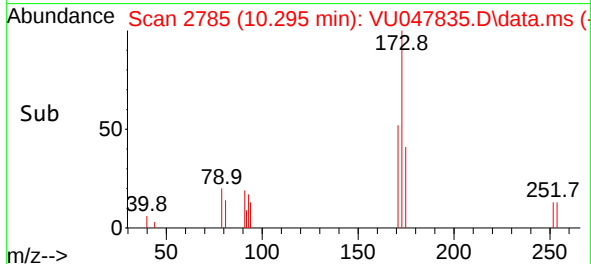
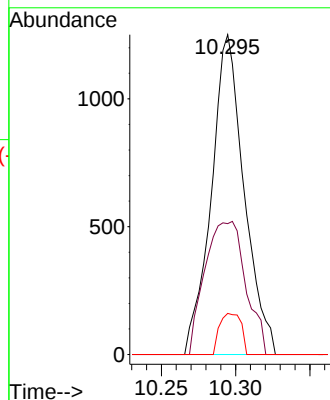
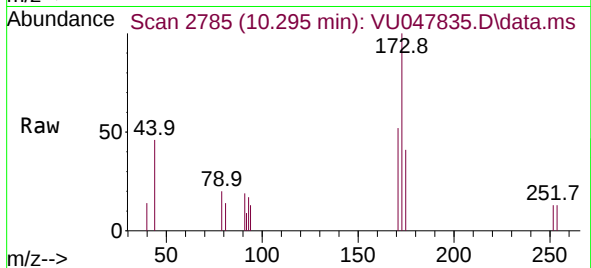




#67
Bromoform
Concen: 0.246 ug/l
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

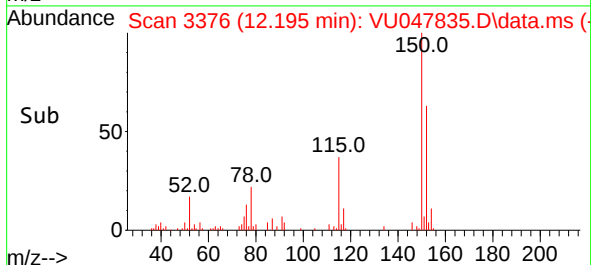
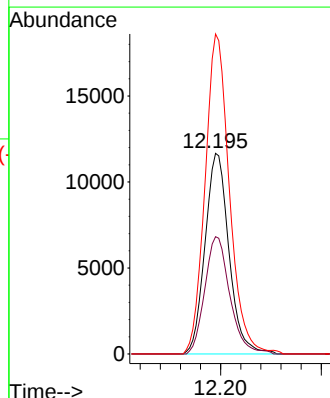
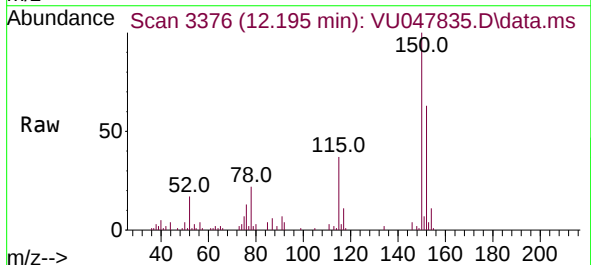
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

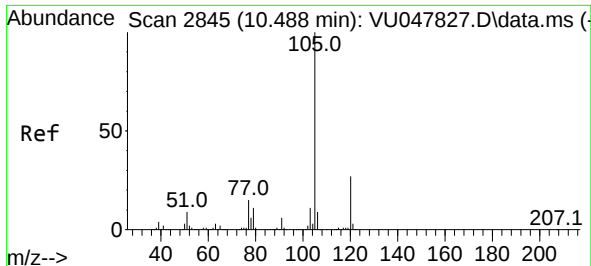
Tgt Ion:173 Resp: 1920
Ion Ratio Lower Upper
173 100
175 51.8 39.0 58.4
254 8.4 9.4 14.2#



#68
1,2-Dichlorobenzene-d4
Concen: 0.977 ug/l
RT: 12.195 min Scan# 3376
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:152 Resp: 19296
Ion Ratio Lower Upper
152 100
115 61.0 0.0 255.8
150 162.1 0.0 659.8

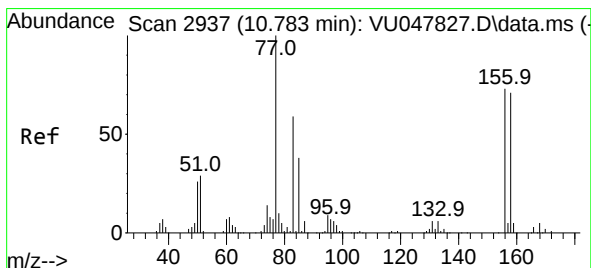
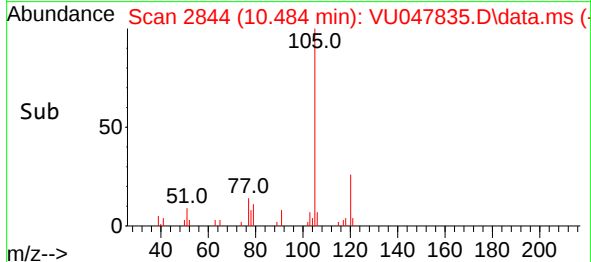
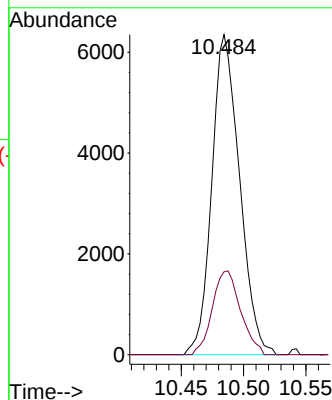
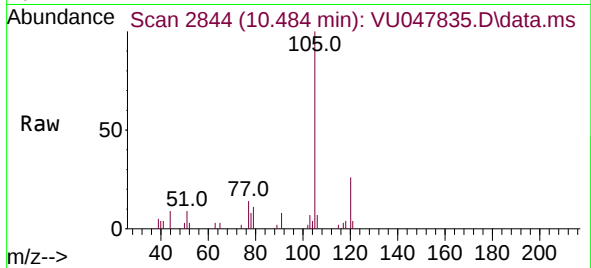




#69
Isopropylbenzene
Concen: 0.179 ug/l
RT: 10.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

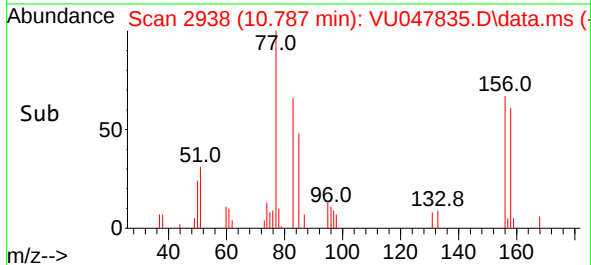
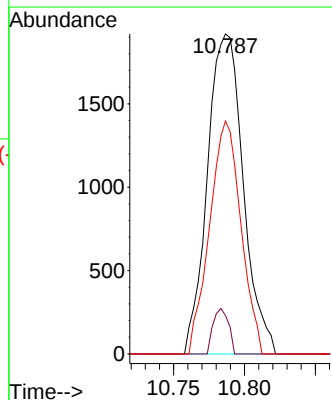
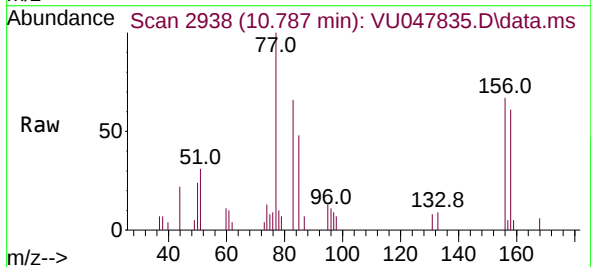
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

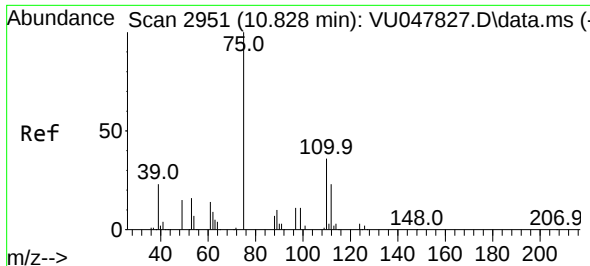
Tgt Ion:105 Resp: 9845
Ion Ratio Lower Upper
105 100
120 26.6 13.6 40.8



#70
1,1,2,2-Tetrachloroethane
Concen: 0.253 ug/l
RT: 10.787 min Scan# 2938
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 83 Resp: 3375
Ion Ratio Lower Upper
83 100
131 6.0 8.2 12.4#
85 63.5 52.6 79.0

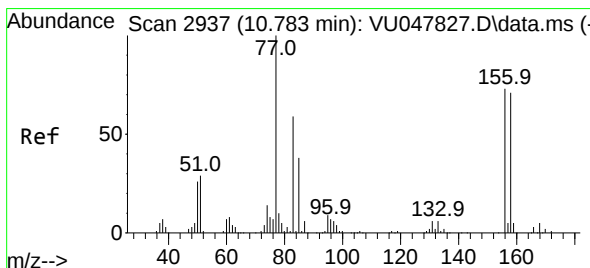
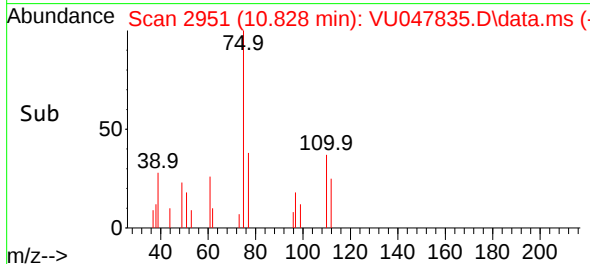
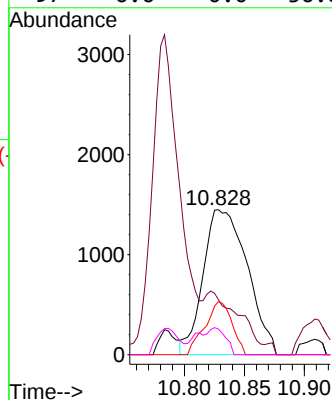
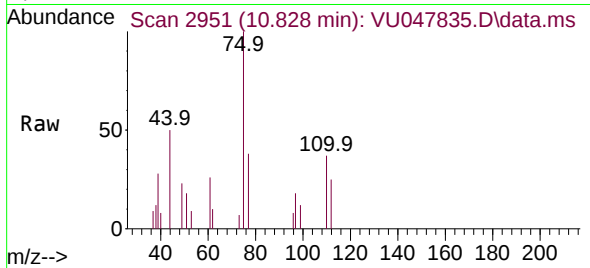




#71
1,2,3-Trichloropropane
Concen: 0.367 ug/l
RT: 10.828 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

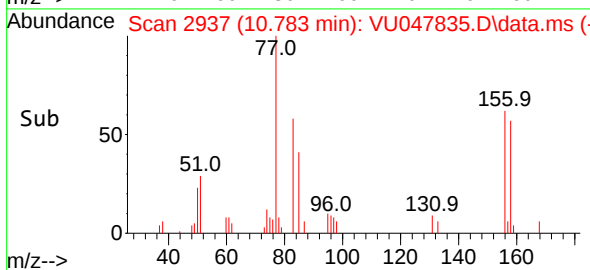
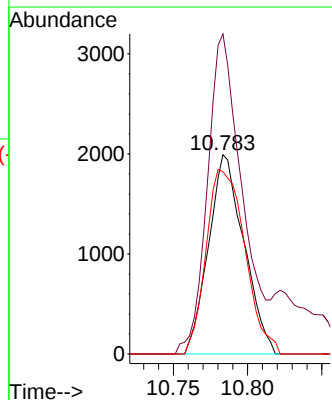
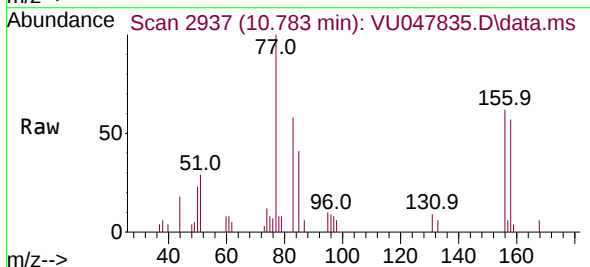
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

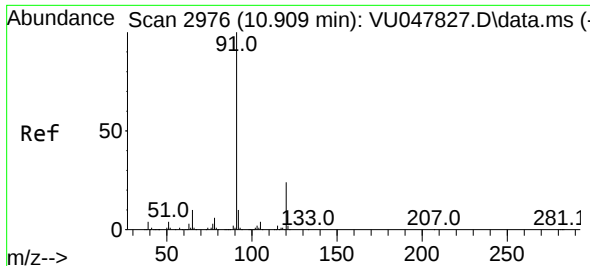
Tgt Ion: 75	Resp:	3717	
Ion	Ratio	Lower	Upper
75	100		
77	13.1	0.0	92.6
110	22.3	0.0	68.2
97	6.6	0.0	36.8



#72
Bromobenzene
Concen: 0.200 ug/l
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:156	Resp:	3296	
Ion	Ratio	Lower	Upper
156	100		
77	155.6	0.0	273.4
158	101.5	0.0	193.6

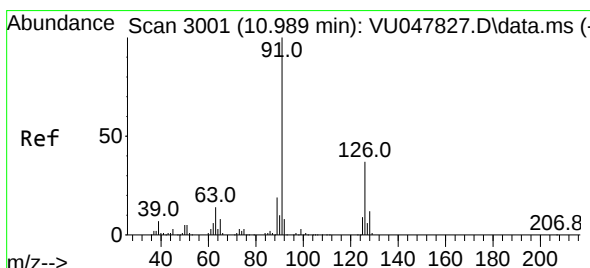
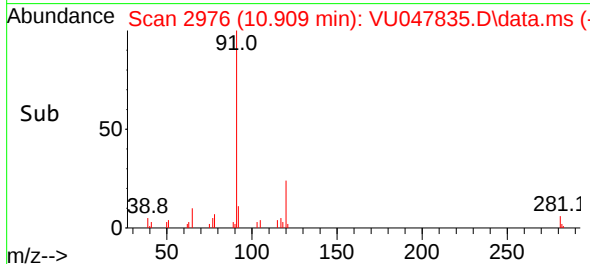
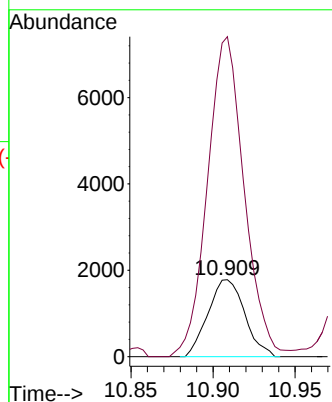
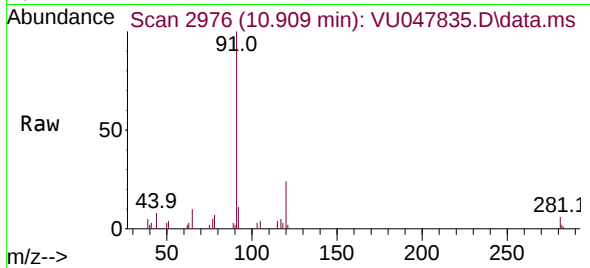




#73
n-propylbenzene
Concen: 0.177 ug/l
RT: 10.909 min Scan# 2976
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

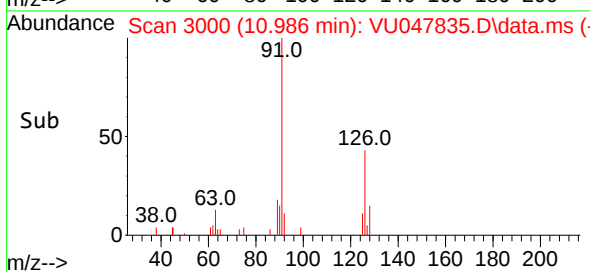
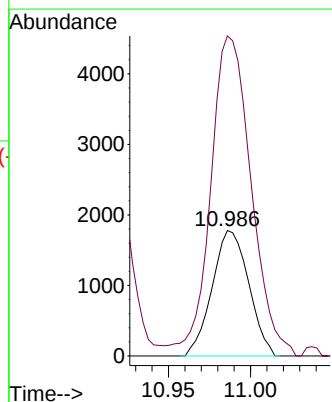
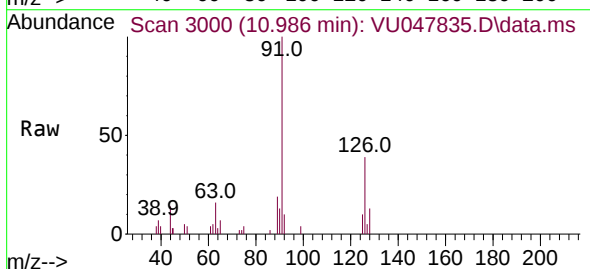
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

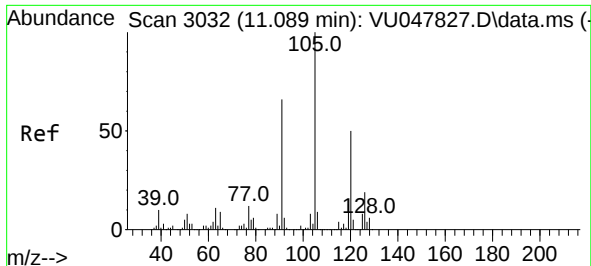
Tgt Ion:120 Resp: 2771
Ion Ratio Lower Upper
120 100
91 416.3 333.7 500.5



#74
2-Chlorotoluene
Concen: 0.185 ug/l
RT: 10.986 min Scan# 3000
Delta R.T. -0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:126 Resp: 2750
Ion Ratio Lower Upper
126 100
91 282.4 0.0 554.6

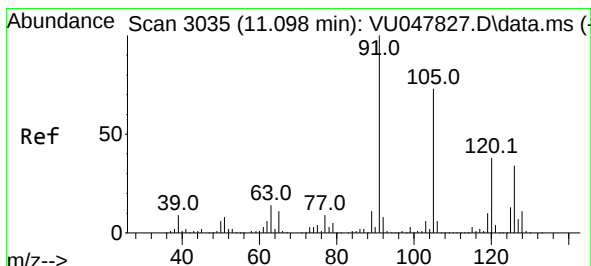
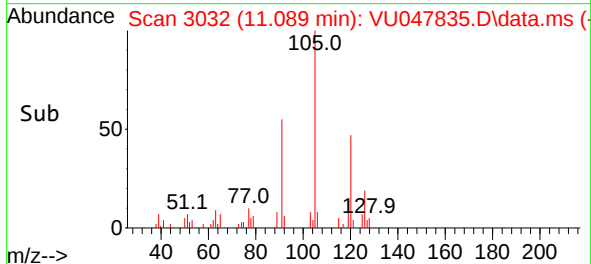
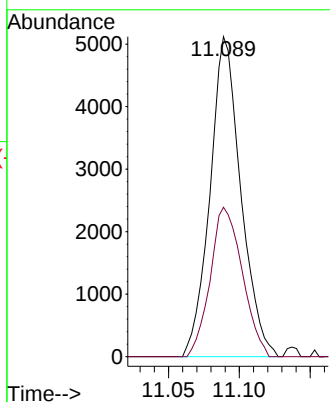
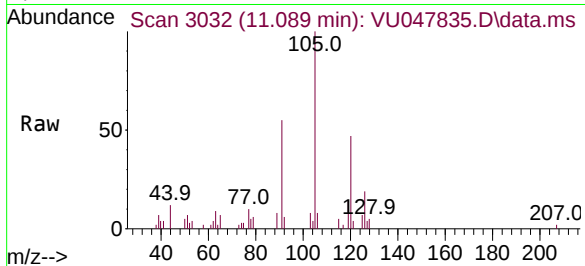




#75
1,3,5-Trimethylbenzene
Concen: 0.166 ug/l
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

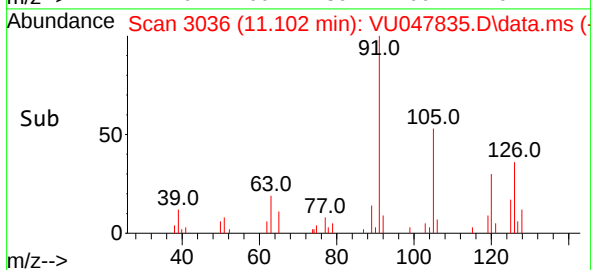
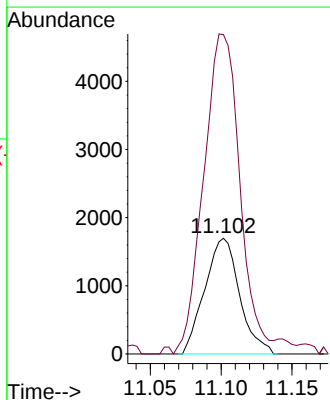
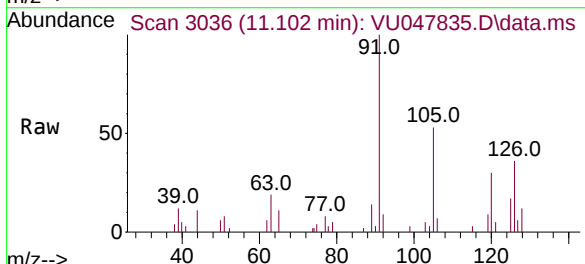
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

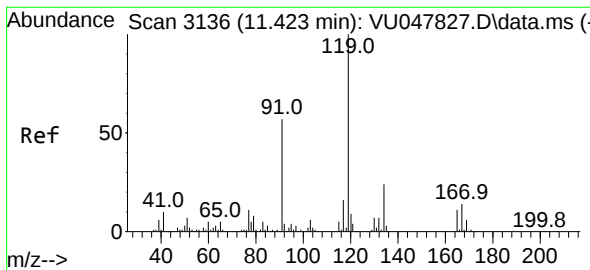
Tgt Ion:105 Resp: 7744
Ion Ratio Lower Upper
105 100
120 48.4 40.6 61.0



#76
4-Chlorotoluene
Concen: 0.185 ug/l
RT: 11.102 min Scan# 3036
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:126 Resp: 2903
Ion Ratio Lower Upper
126 100
91 287.7 0.0 616.4





#77

tert-Butylbenzene

Concen: 0.180 ug/l

RT: 11.423 min Scan# 3136

Delta R.T. 0.000 min

Lab File: VU047835.D

Acq: 06 Apr 2022 17:58

Instrument :

MSVOA_U

ClientSampleId :

MDL02 0.25ppb

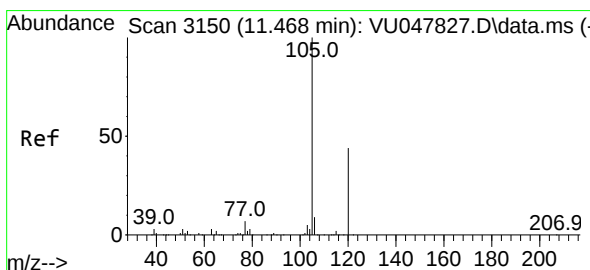
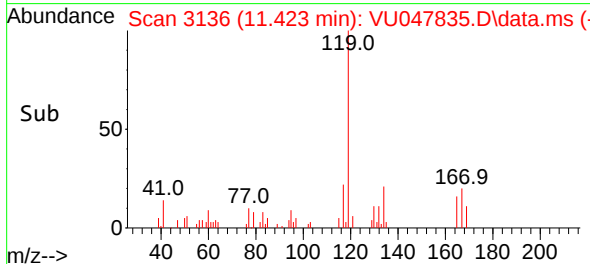
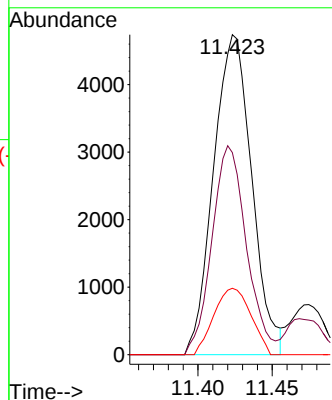
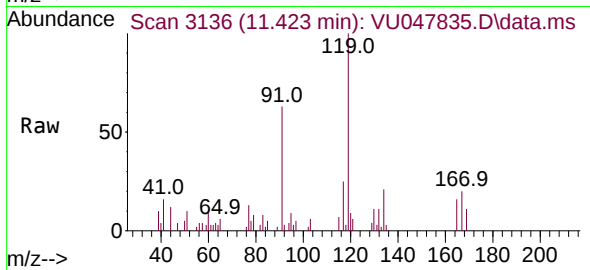
Tgt Ion:119 Resp: 8494

Ion Ratio Lower Upper

119 100

91 59.0 27.3 81.9

134 20.1 19.0 28.4



#78

1,2,4-Trimethylbenzene

Concen: 0.161 ug/l

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU047835.D

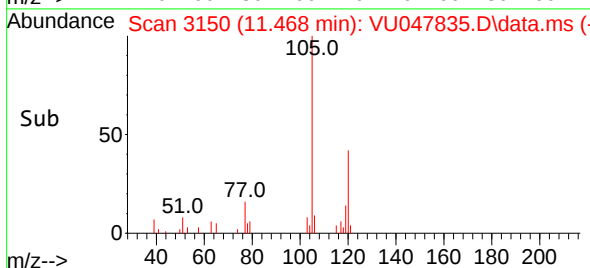
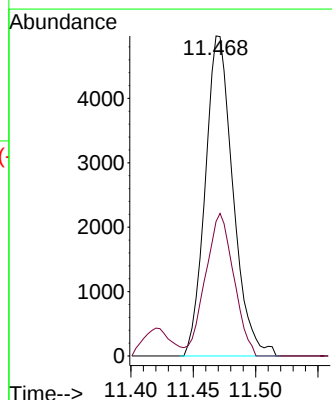
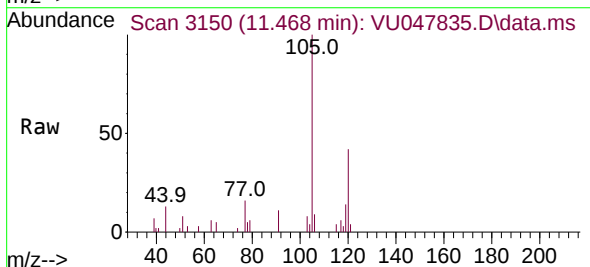
Acq: 06 Apr 2022 17:58

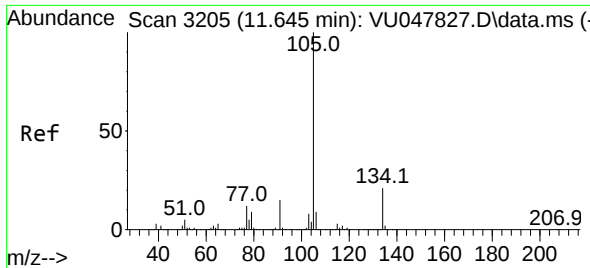
Tgt Ion:105 Resp: 7720

Ion Ratio Lower Upper

105 100

120 45.3 23.8 71.5

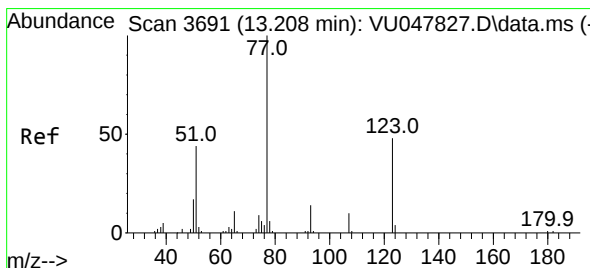
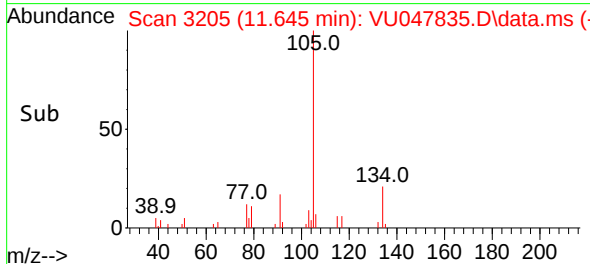
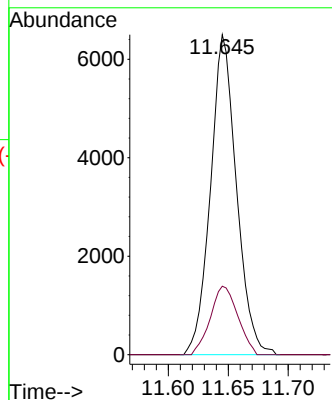
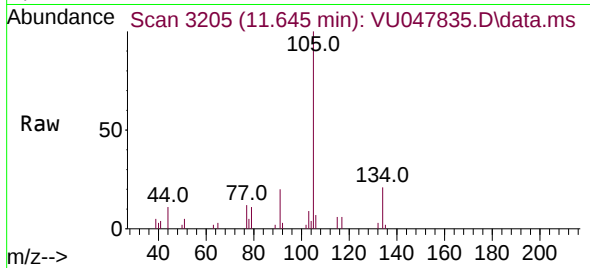




#79
 sec-Butylbenzene
 Concen: 0.158 ug/l
 RT: 11.645 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

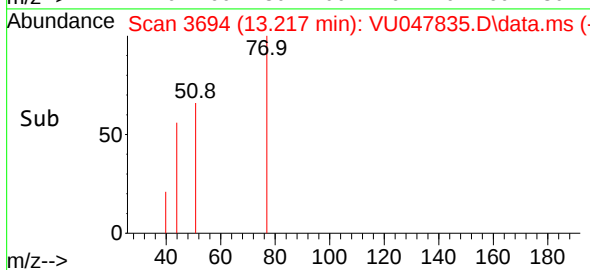
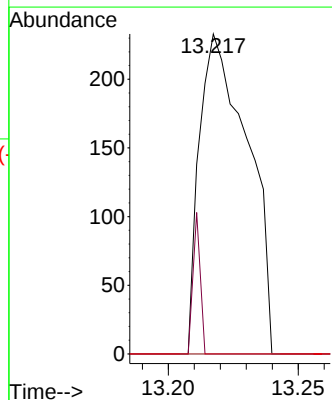
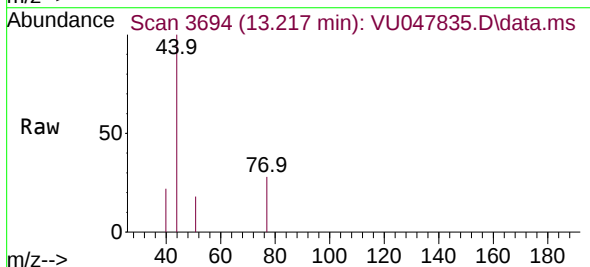
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

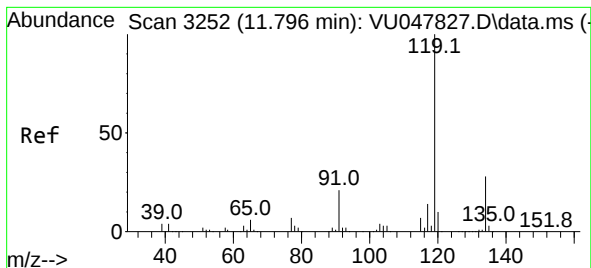
Tgt Ion:105 Resp: 9771
 Ion Ratio Lower Upper
 105 100
 134 22.6 16.7 25.1



#80
 Nitrobenzene
 Concen: 0.595 ug/l
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.010 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion: 77 Resp: 300
 Ion Ratio Lower Upper
 77 100
 123 6.7 20.6 73.0#
 65 0.0 10.4 13.2#

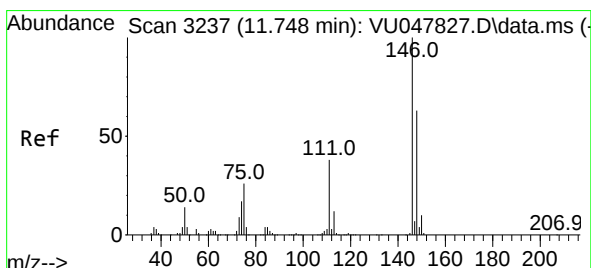
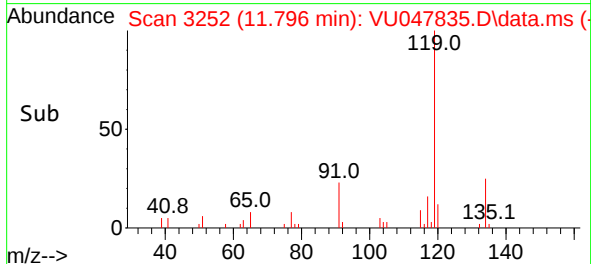
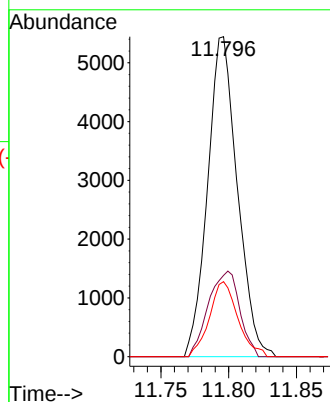
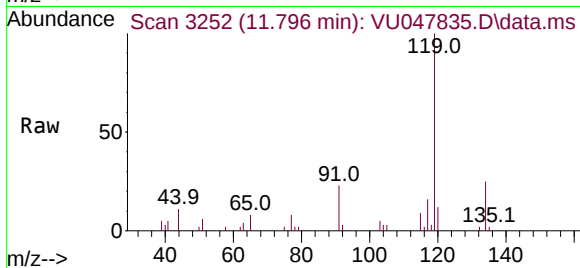




#81
p-Isopropyltoluene
Concen: 0.160 ug/l
RT: 11.796 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

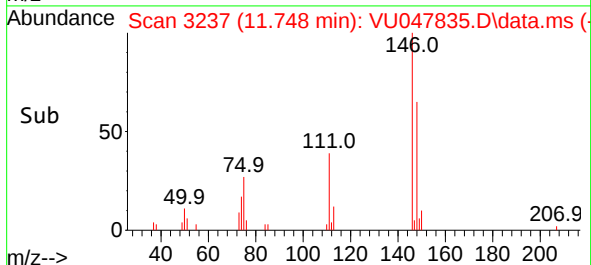
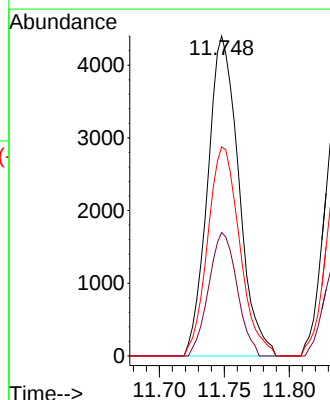
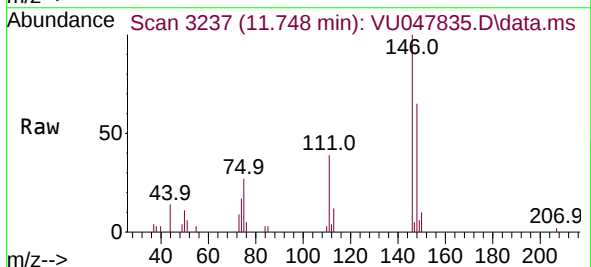
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

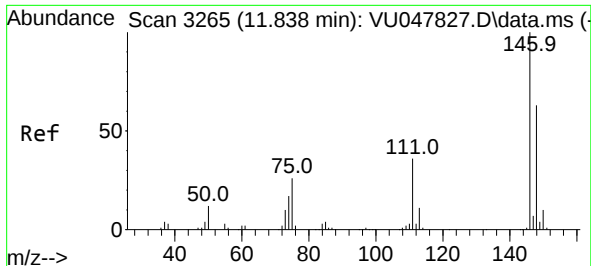
Tgt Ion:119 Resp: 8299
Ion Ratio Lower Upper
119 100
134 28.1 21.8 32.8
91 22.4 17.4 26.2



#82
1,3-Dichlorobenzene
Concen: 0.221 ug/l
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:146 Resp: 7327
Ion Ratio Lower Upper
146 100
111 35.2 30.2 45.2
148 67.2 50.6 76.0

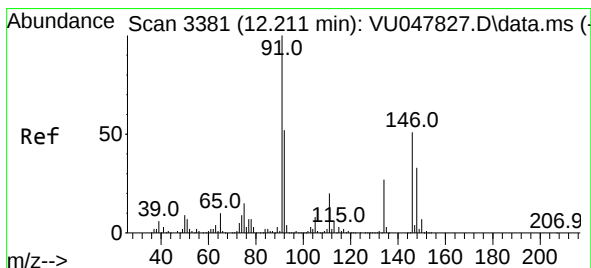
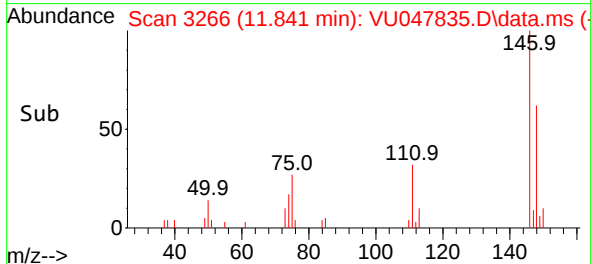
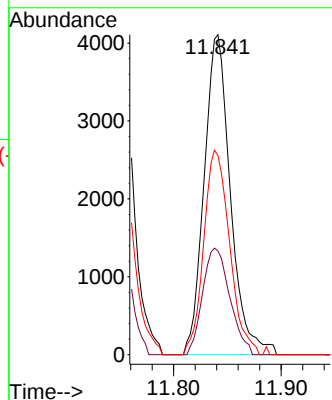
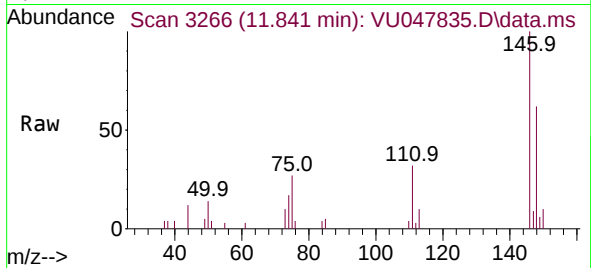




#83
1,4-Dichlorobenzene
Concen: 0.211 ug/l
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

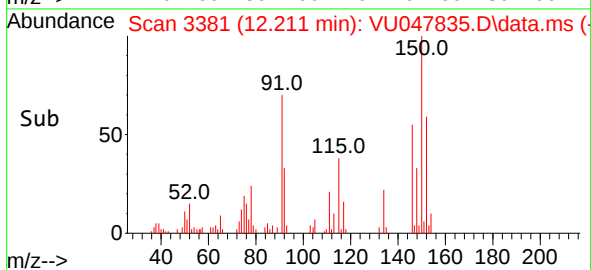
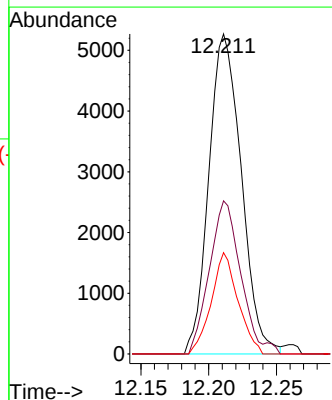
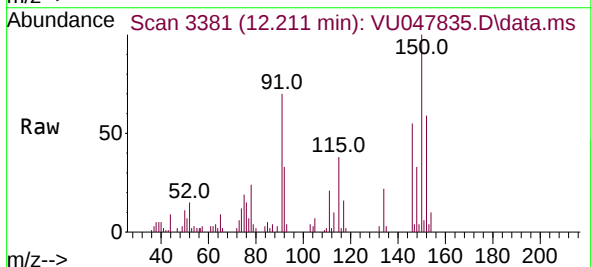
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

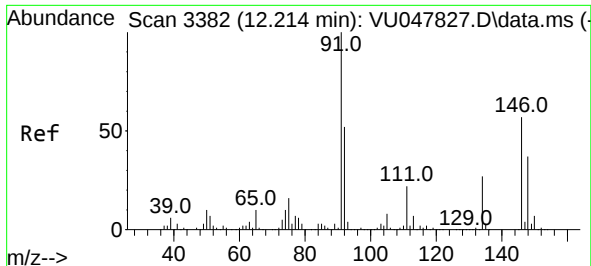
Tgt Ion:146 Resp: 6984
Ion Ratio Lower Upper
146 100
111 34.4 28.7 43.1
148 63.0 50.8 76.2



#84
n-Butylbenzene
Concen: 0.178 ug/l
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion: 91 Resp: 8777
Ion Ratio Lower Upper
91 100
92 46.3 41.8 62.6
134 26.1 21.4 32.2

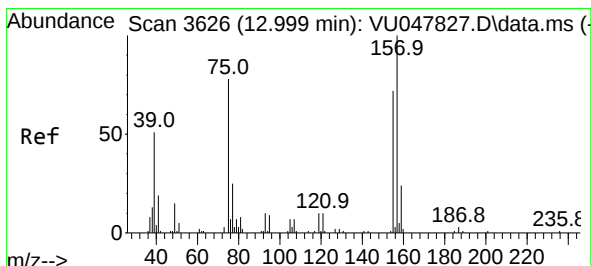
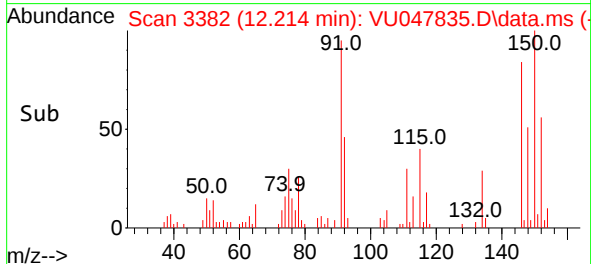
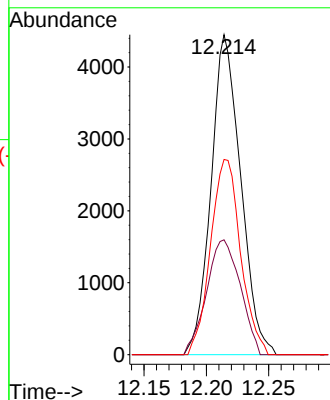
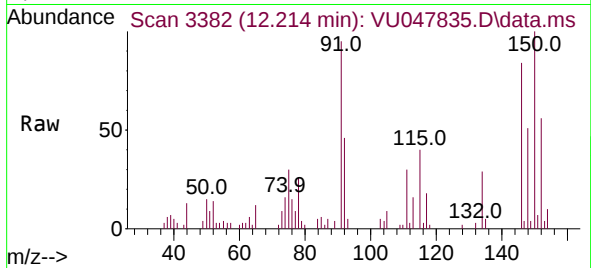




#85
 1,2-Dichlorobenzene
 Concen: 0.235 ug/l
 RT: 12.214 min Scan# 3382
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

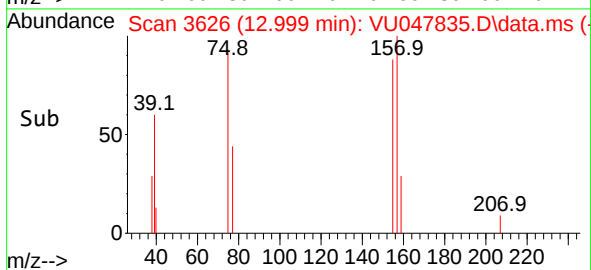
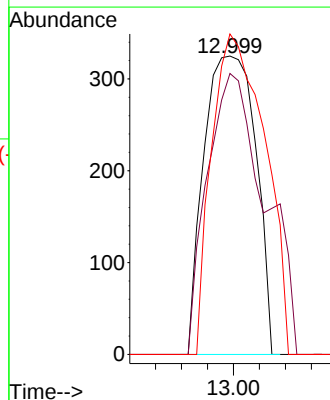
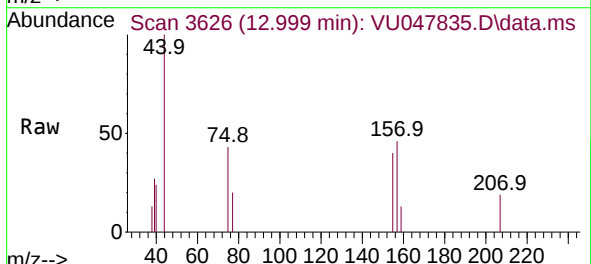
Instrument :
 MSVOA_U
 ClientSampleId :
 MDL02 0.25ppb

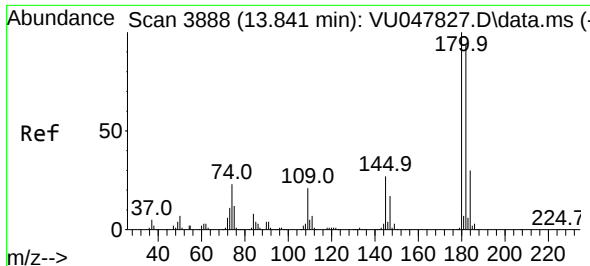
Tgt Ion:146	Resp:	7373
Ion	Ratio	Lower Upper
146	100	
111	40.7	19.4 58.2
148	61.9	32.3 96.8



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 0.212 ug/l
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.000 min
 Lab File: VU047835.D
 Acq: 06 Apr 2022 17:58

Tgt Ion: 75	Resp:	449
Ion	Ratio	Lower Upper
75	100	
155	104.9	76.2 114.2
157	110.2	99.1 148.7

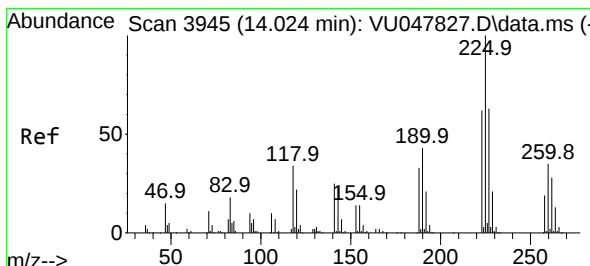
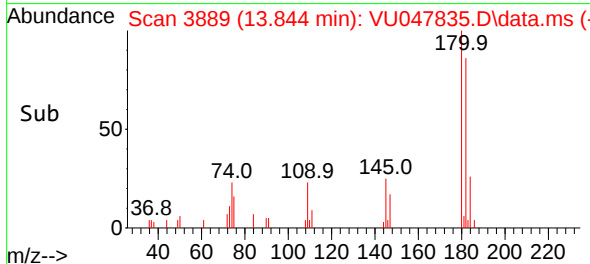
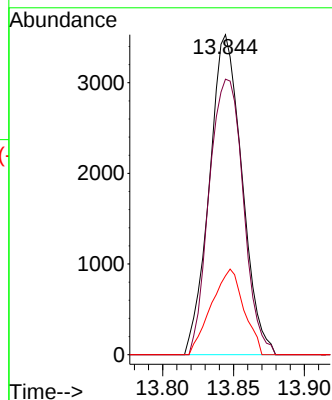
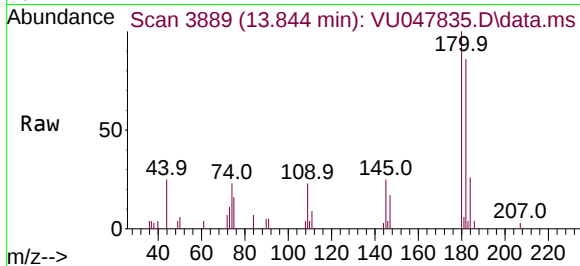




#87
1,2,4-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

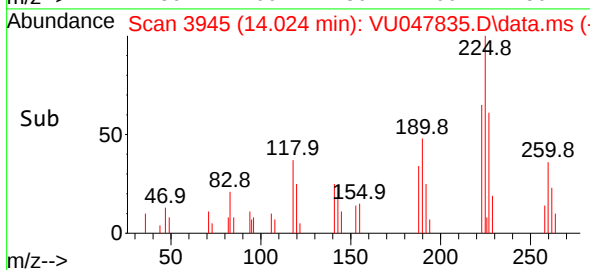
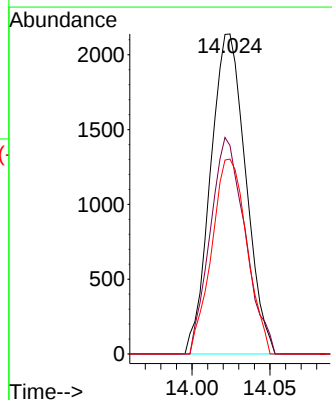
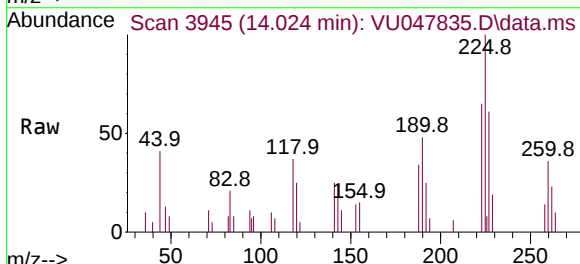
Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

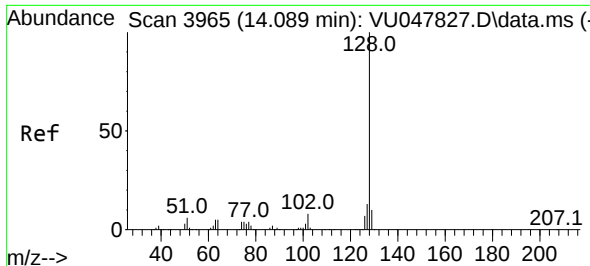
Tgt Ion:180 Resp: 5651
Ion Ratio Lower Upper
180 100
182 89.8 75.8 113.6
145 26.7 21.7 32.5



#88
Hexachlorobutadiene
Concen: 0.248 ug/l
RT: 14.024 min Scan# 3945
Delta R.T. 0.000 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:225 Resp: 3361
Ion Ratio Lower Upper
225 100
223 67.2 50.0 75.0
227 60.8 51.0 76.6

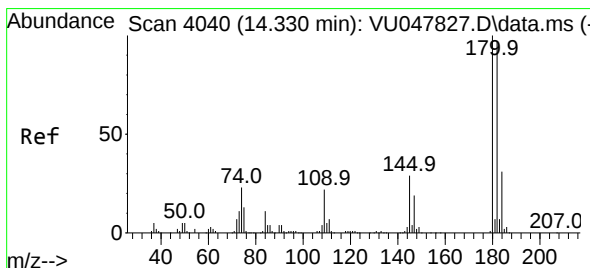
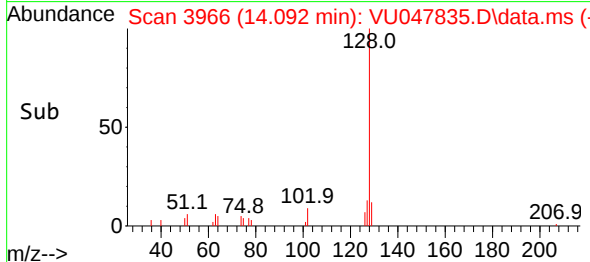
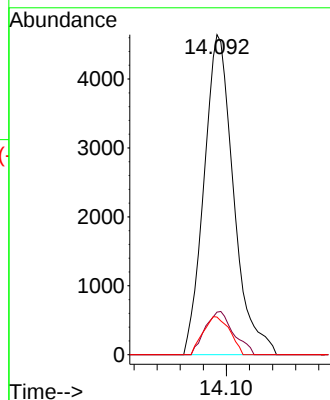
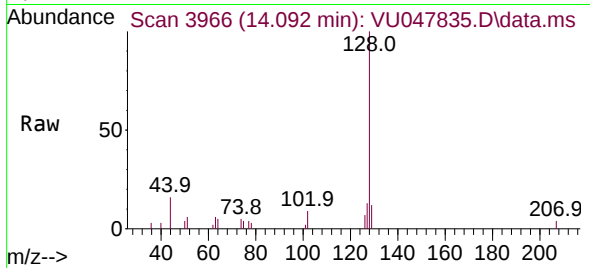




#89
Naphthalene
Concen: 0.221 ug/l
RT: 14.092 min Scan# 3966
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Instrument :
MSVOA_U
ClientSampleId :
MDL02 0.25ppb

Tgt Ion:128	Resp:	8240
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.2 15.4
129	10.7	8.6 12.8



#90
1,2,3-Trichlorobenzene
Concen: 0.233 ug/l
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU047835.D
Acq: 06 Apr 2022 17:58

Tgt Ion:180	Resp:	4934
Ion Ratio	Lower	Upper
180	100	
182	94.7	77.2 115.8
145	29.9	23.3 34.9

