

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031422\
 Data File : VU047540.D
 Acq On : 14 Mar 2022 17:19
 Operator : SY/MD
 Sample : VU0314WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK079

Quant Time: Mar 15 05:39:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR031422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 15 05:33:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	151056	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	148615	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	75989	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	45015	4.557	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.919	69	41926	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.571	65	20759	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.645	46	146424	51.513	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.020%
24) Chloroform-d	5.070	84	99307	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.706	65	55458	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.729	84	198385	4.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
36) 1,2-Dichloropropane-d6	6.693	67	64915	4.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.400%
41) Toluene-d8	7.899	98	177017	4.364	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	8.182	79	25962	4.539	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.639	63	145360	49.026	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	62815	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	76292	4.805	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	186	0.020	ug/L #	42
5) Vinyl chloride	1.604	62	278	0.030	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	553	0.071	ug/L #	18
12) 1,1-Dichloroethene	2.578	96	569	0.076	ug/L #	1
13) Acetone	2.652	43	171	0.154	ug/L #	40
14) Carbon disulfide	2.803	76	767	0.034	ug/L #	74
16) Methylene chloride	3.051	84	7471	0.673	ug/L	95
21) 2-Butanone	4.729	43	266	0.126	ug/L #	45
25) Chloroform	5.099	83	298	0.019	ug/L #	59
27) 1,2-Dichloroethane	5.796	62	111	0.011	ug/L #	74
33) Benzene	5.787	78	318	0.009	ug/L	100
35) Methylcyclohexane	6.693	83	14862	1.161	ug/L #	20
37) 1,2-Dichloropropane	6.693	63	6959	0.809	ug/L #	87
38) Bromodichloromethane	7.111	83	130	0.011	ug/L #	25
39) cis-1,3-Dichloropropene	7.568	75	1643	0.123	ug/L #	65
40) 4-Methyl-2-pentanone	7.800	43	2685	0.448	ug/L #	88
42) Toluene	7.973	91	613	0.017	ug/L	79
44) trans-1,3-Dichloropropene	8.182	75	1142	0.096	ug/L #	81
45) 1,1,2-Trichloroethane	8.407	97	42	0.006	ug/L #	14

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

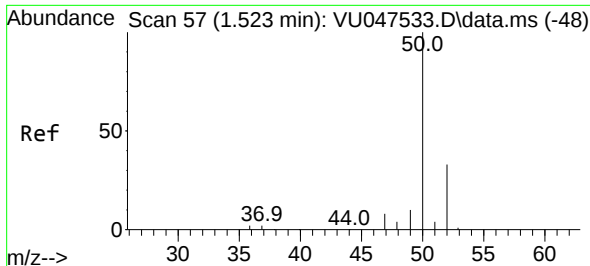
47) Tetrachloroethene	8.555	164	20	0.003	ug/L #	40
48) 2-Hexanone	8.687	43	6074	1.331	ug/L #	96
49) Dibromochloromethane	8.806	129	63	0.007	ug/L #	11
51) Chlorobenzene	9.449	112	688	0.028	ug/L	86
52) Ethylbenzene	9.574	91	862	0.022	ug/L	98
53) m,p-Xylene	9.693	106	275	0.018	ug/L	79
54) o-Xylene	10.098	106	254	0.017	ug/L	73
55) Styrene	10.118	104	599	0.024	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.777	83	469	0.047	ug/L #	54
60) Isopropylbenzene	11.468	105	1169	0.034	ug/L #	66
61) 1,2,3-Trichloropropane	11.745	75	297	0.047	ug/L #	39
62) 1,3,5-Trimethylbenzene	11.092	105	821	0.037	ug/L	93
63) 1,2,4-Trimethylbenzene	11.468	105	1169	0.041	ug/L	95
64) 1,3-Dichlorobenzene	11.748	146	1065	0.056	ug/L	87
65) 1,4-Dichlorobenzene	11.835	146	1256	0.064	ug/L #	91
67) 1,2-Dichlorobenzene	12.211	146	1146	0.061	ug/L #	71
68) 1,2-Dibromo-3-chloropr...	13.221	75	177	0.116	ug/L #	1
69) 1,3,5-Trichlorobenzene	13.841	180	2427	0.150	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	2427	0.170	ug/L	99
71) Naphthalene	14.089	128	7807	0.295	ug/L	97
72) 1,2,3-Trichlorobenzene	14.330	180	2771	0.203	ug/L	98

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

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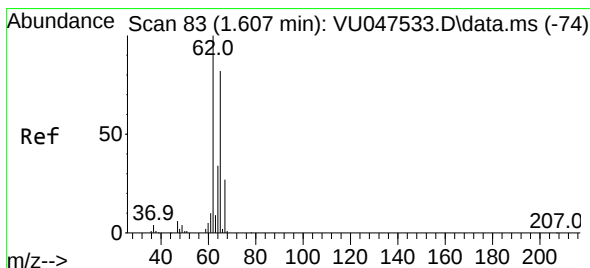
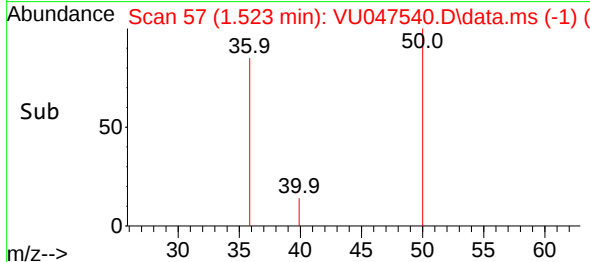
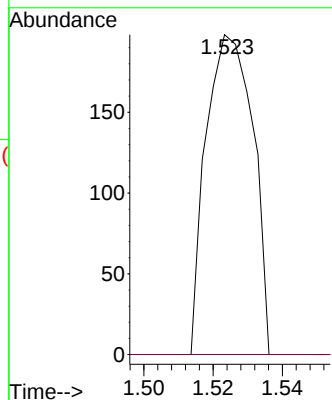
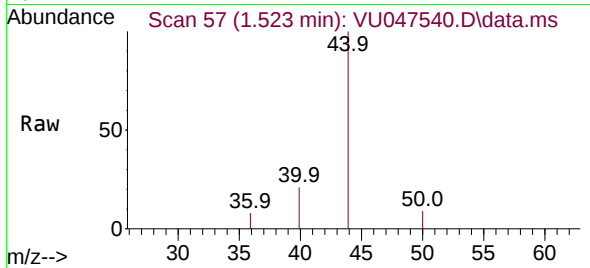




#3
Chloromethane
Concen: 0.020 ug/L
RT: 1.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

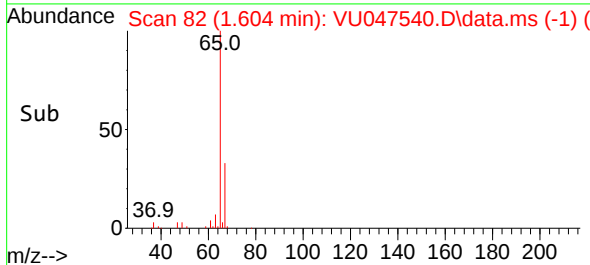
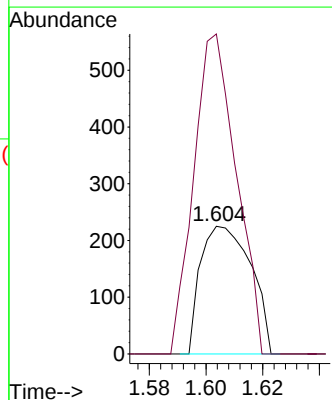
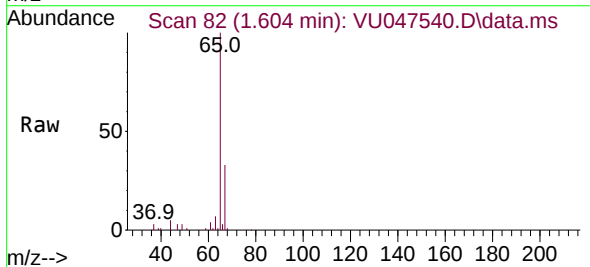
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

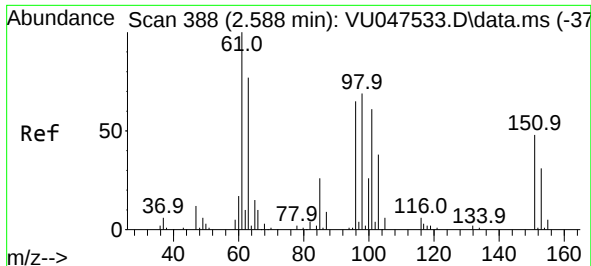
Tgt Ion: 50 Resp: 186
Ion Ratio Lower Upper
50 100
52 0.0 23.2 43.0#



#5
Vinyl chloride
Concen: 0.030 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 62 Resp: 278
Ion Ratio Lower Upper
62 100
64 250.7 23.5 43.7#

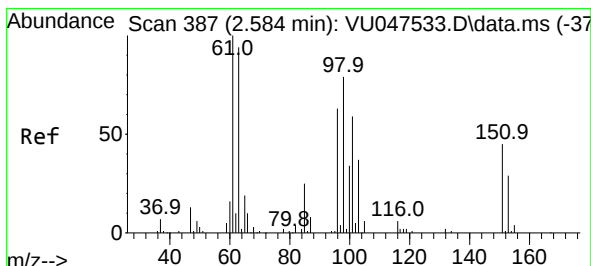
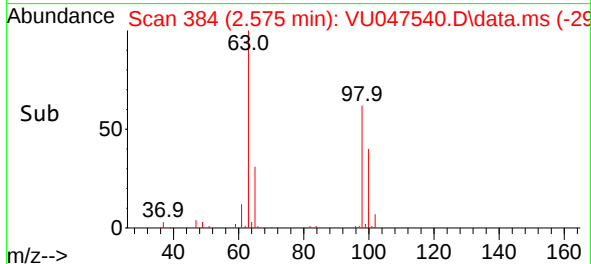
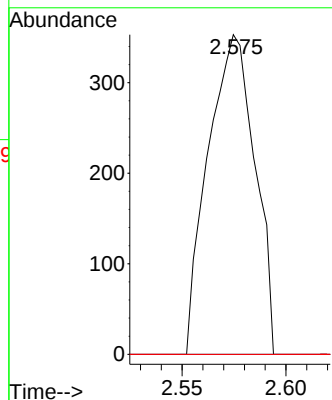
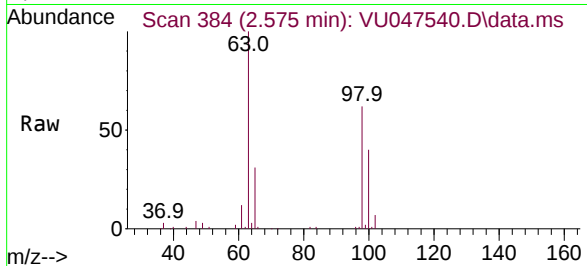




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

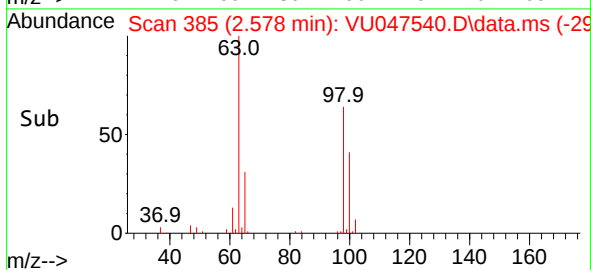
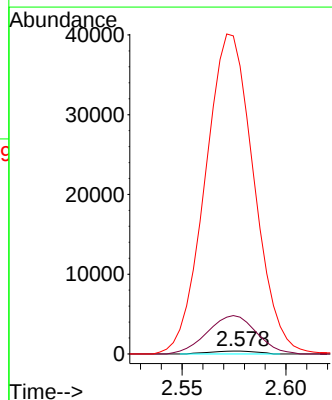
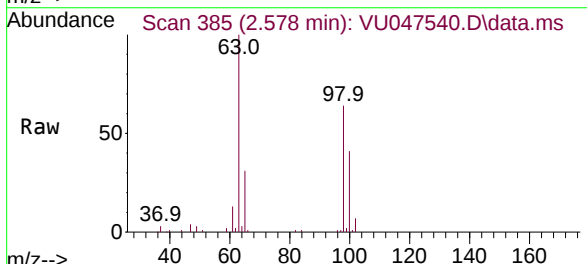
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

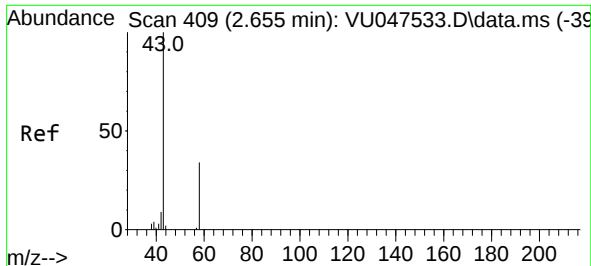
Tgt Ion:101 Resp: 553
Ion Ratio Lower Upper
101 100
85 0.0 34.0 51.0#
151 0.0 63.8 95.6#



#12
1,1-Dichloroethene
Concen: 0.076 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.006 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 96 Resp: 569
Ion Ratio Lower Upper
96 100
61 1269.0 111.4 207.0#
63 9918.7 106.6 198.0#





#13

Acetone

Concen: 0.154 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

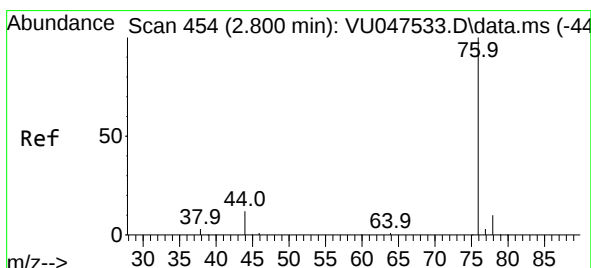
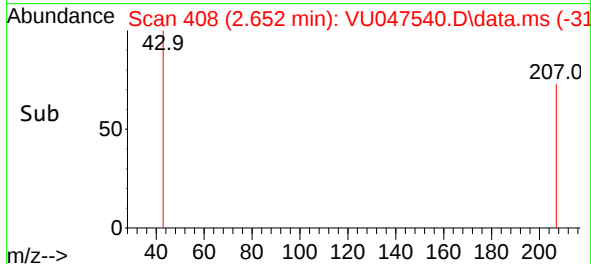
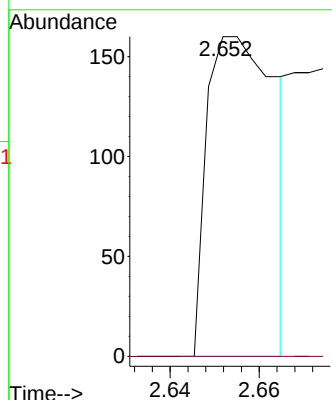
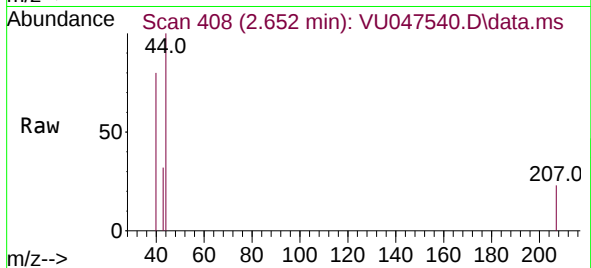
VBLK079

Tgt Ion: 43 Resp: 171

Ion Ratio Lower Upper

43 100

58 0.0 0.0 69.4



#14

Carbon disulfide

Concen: 0.034 ug/L

RT: 2.803 min Scan# 455

Delta R.T. 0.003 min

Lab File: VU047540.D

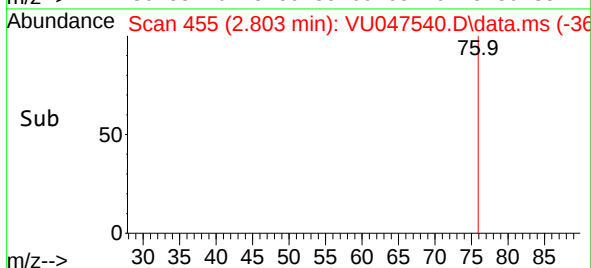
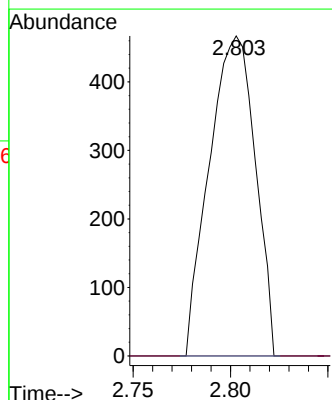
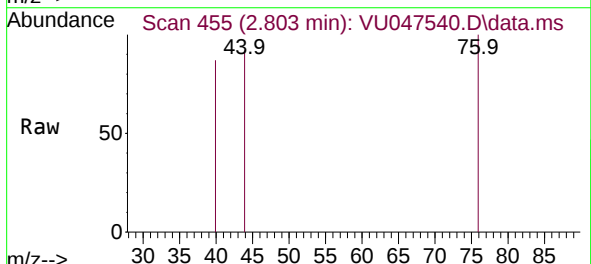
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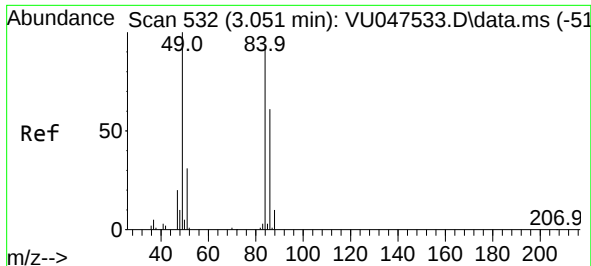
Tgt Ion: 76 Resp: 767

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#

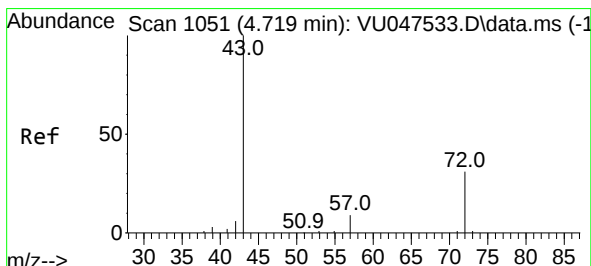
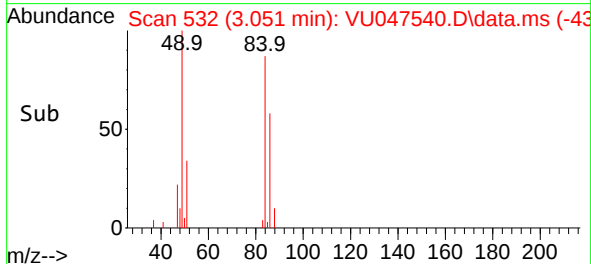
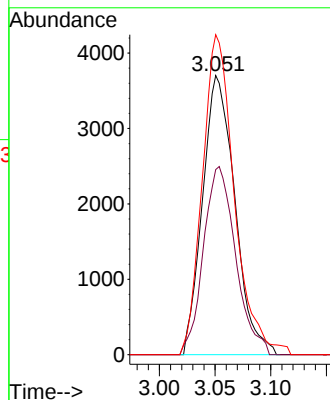
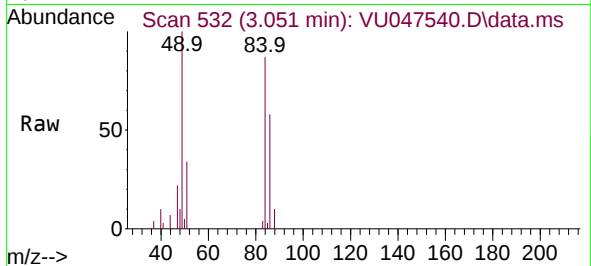




#16
Methylene chloride
Concen: 0.673 ug/L
RT: 3.051 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

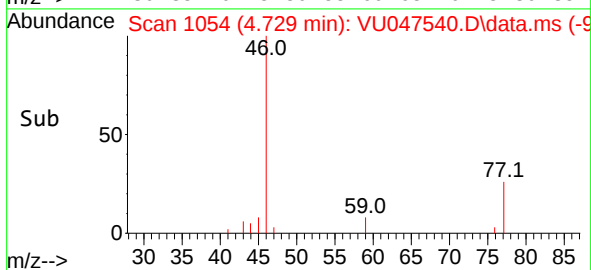
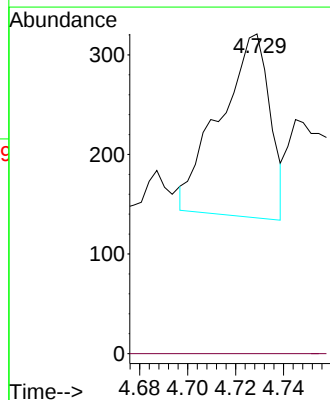
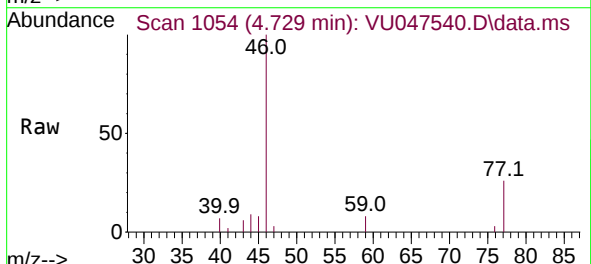
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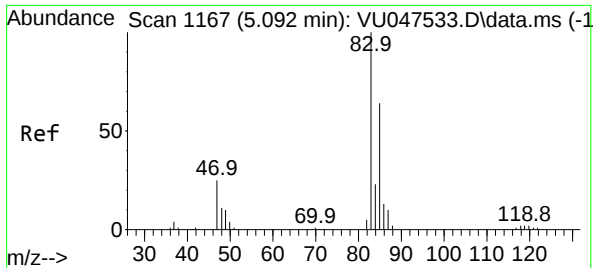
Tgt Ion: 84 Resp: 7471
Ion Ratio Lower Upper
84 100
86 66.3 45.4 84.4
49 114.6 75.0 139.4



#21
2-Butanone
Concen: 0.126 ug/L
RT: 4.729 min Scan# 1054
Delta R.T. 0.010 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 43 Resp: 266
Ion Ratio Lower Upper
43 100
72 0.0 14.9 44.7#

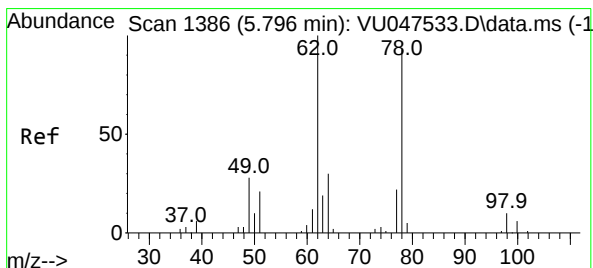
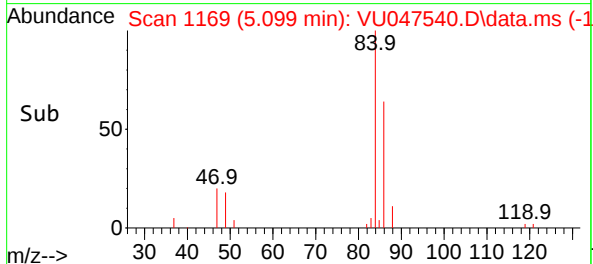
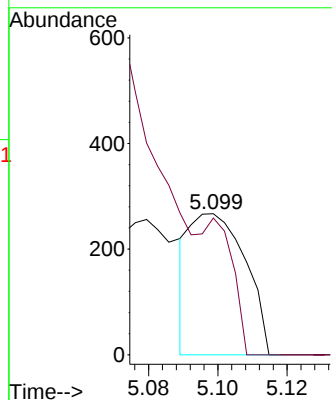
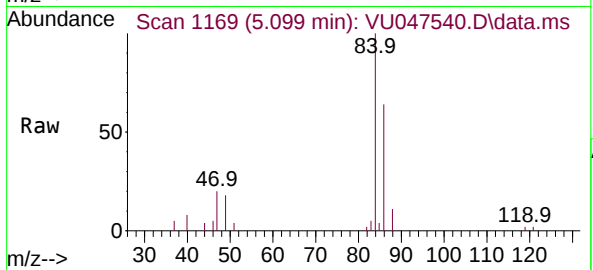




#25
Chloroform
Concen: 0.019 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

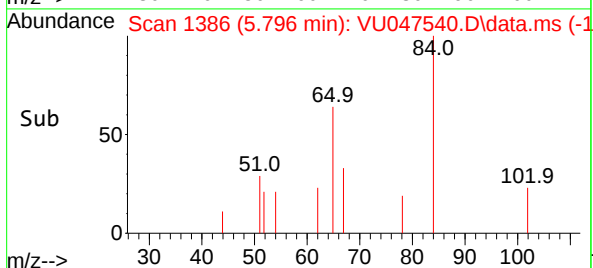
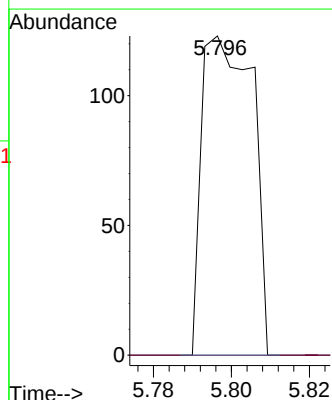
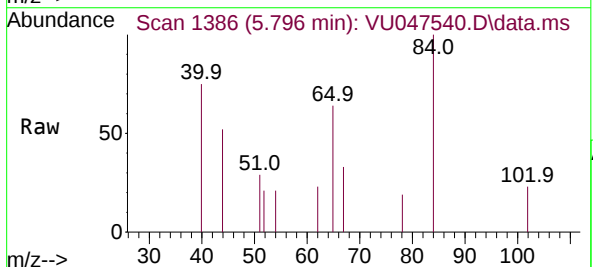
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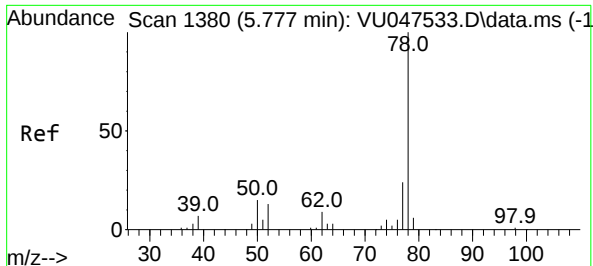
Tgt Ion: 83 Resp: 298
Ion Ratio Lower Upper
83 100
85 97.0 45.2 84.0#



#27
1,2-Dichloroethane
Concen: 0.011 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 62 Resp: 111
Ion Ratio Lower Upper
62 100
98 0.0 7.7 11.5#





#33

Benzene

Concen: 0.009 ug/L

RT: 5.787 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

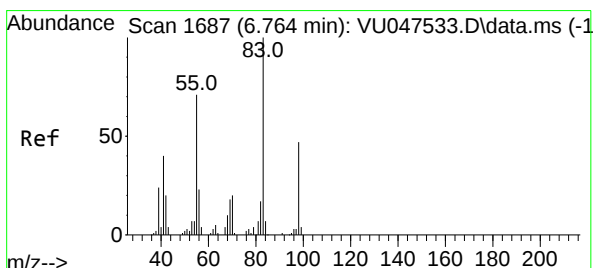
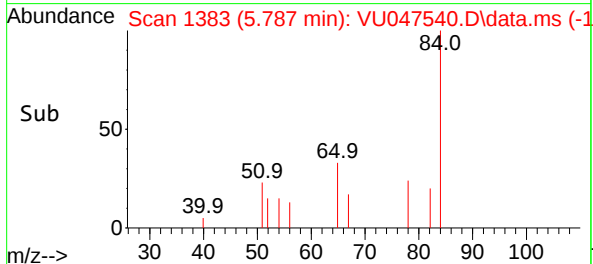
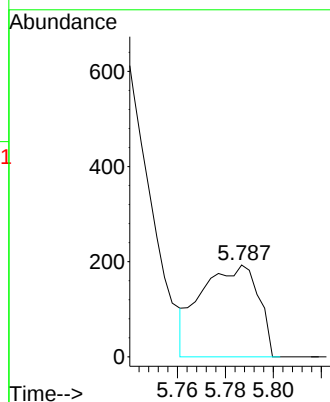
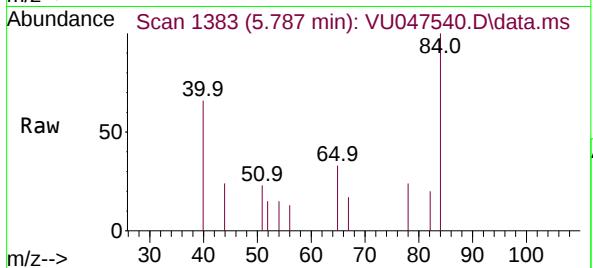
Instrument :

MSVOA_U

ClientSampleId :

VBLK079

Tgt Ion: 78 Resp: 318



#35

Methylcyclohexane

Concen: 1.161 ug/L

RT: 6.693 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

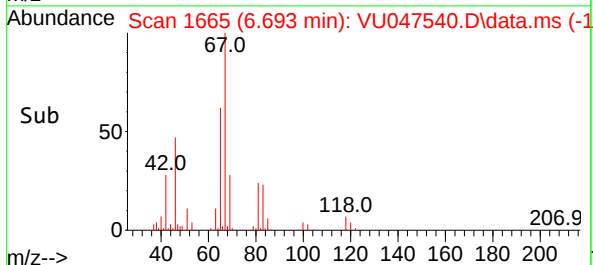
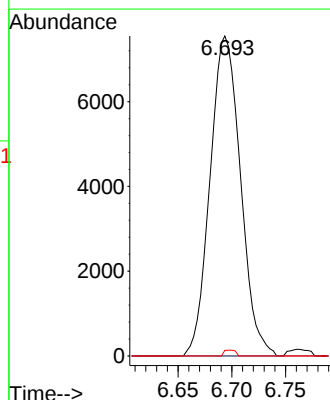
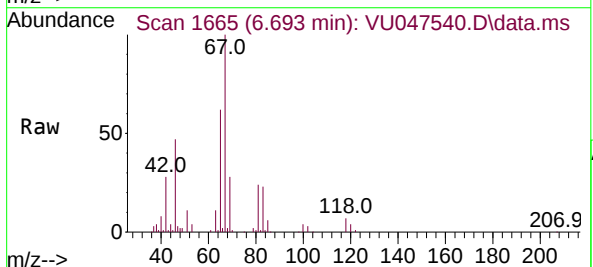
Tgt Ion: 83 Resp: 14862

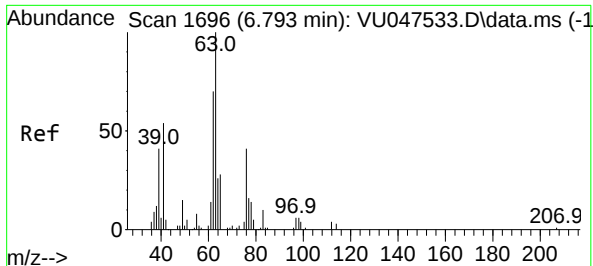
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.7 37.5 56.3#

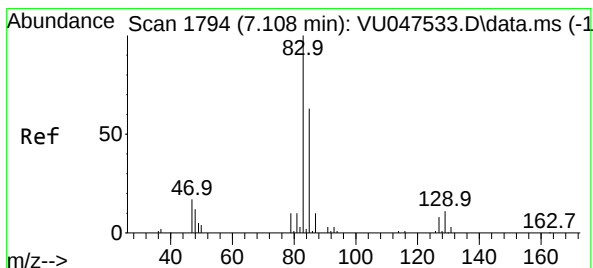
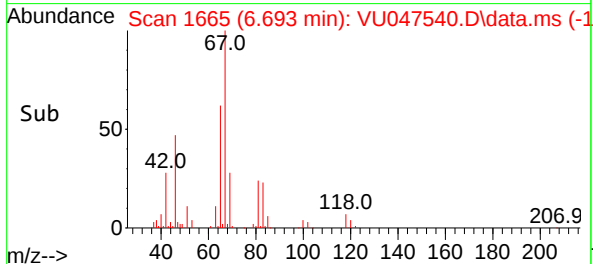
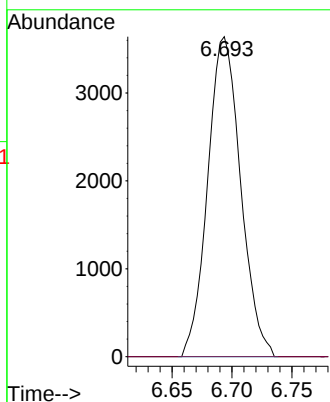
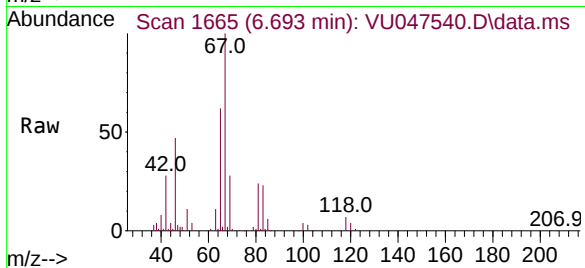




#37
1,2-Dichloropropane
Concen: 0.809 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

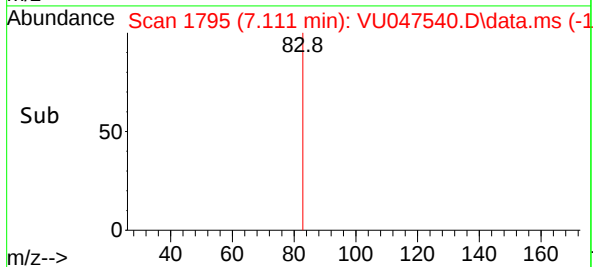
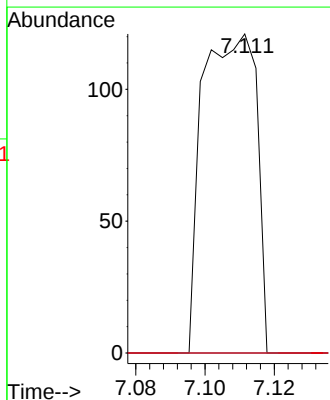
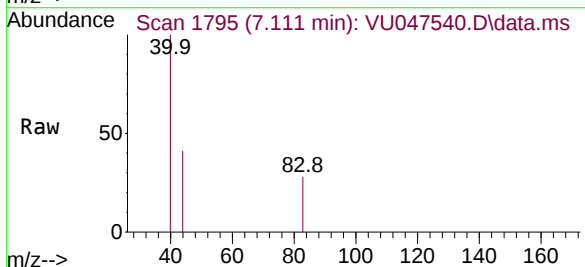
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

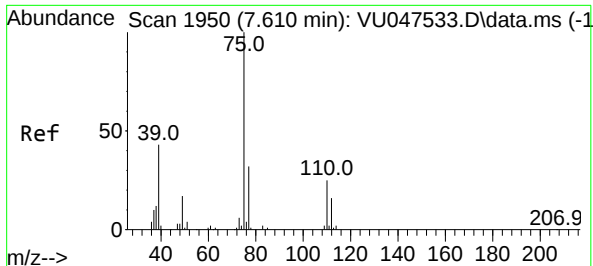
Tgt Ion: 63 Resp: 6959
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 0.011 ug/L
RT: 7.111 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 83 Resp: 130
Ion Ratio Lower Upper
83 100
85 0.0 44.2 82.0#
127 0.0 6.4 9.6#

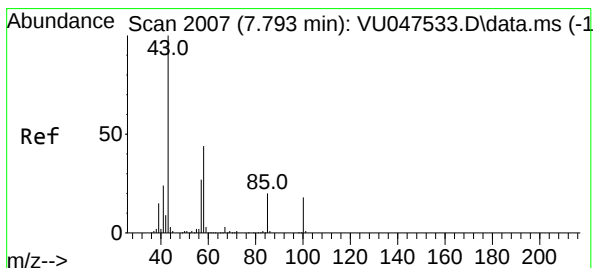
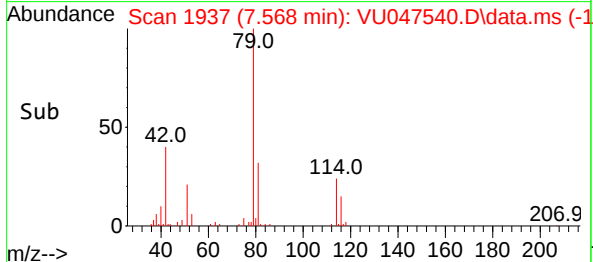
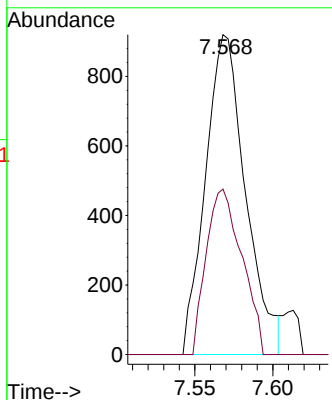
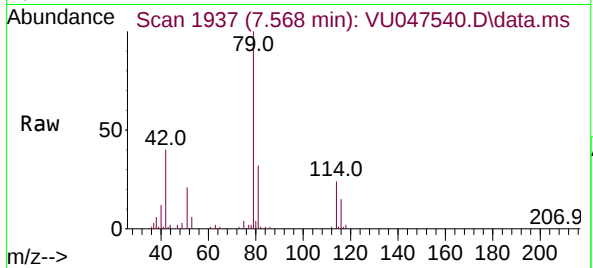




#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.568 min Scan# 1950
 Delta R.T. -0.042 min
 Lab File: VU047540.D
 Acq: 14 Mar 2022 17:19

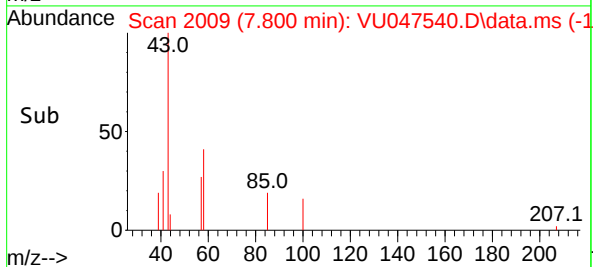
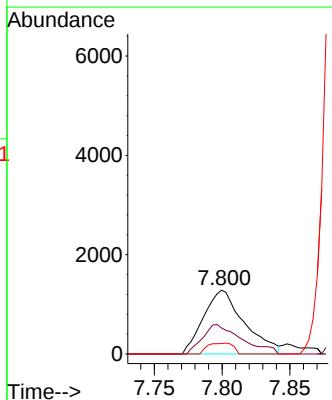
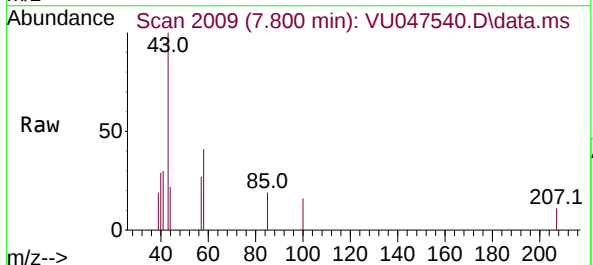
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK079

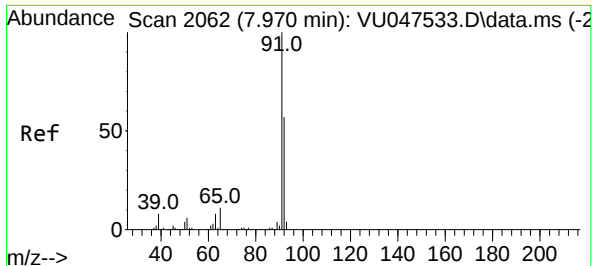
Tgt Ion: 75 Resp: 1643
 Ion Ratio Lower Upper
 75 100
 77 51.7 22.6 42.0#



#40
 4-Methyl-2-pentanone
 Concen: 0.448 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VU047540.D
 Acq: 14 Mar 2022 17:19

Tgt Ion: 43 Resp: 2685
 Ion Ratio Lower Upper
 43 100
 58 44.2 34.5 51.7
 100 0.0 13.8 20.6#





#42

Toluene

Concen: 0.017 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

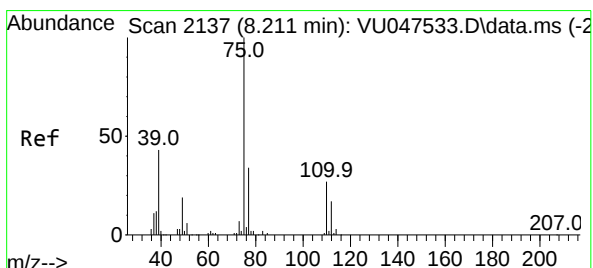
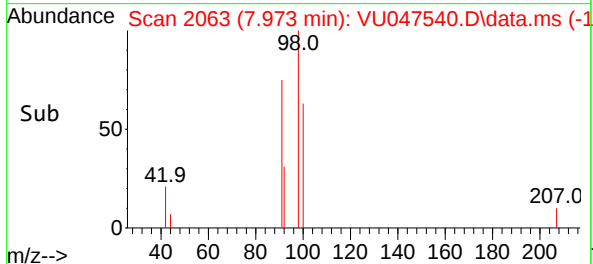
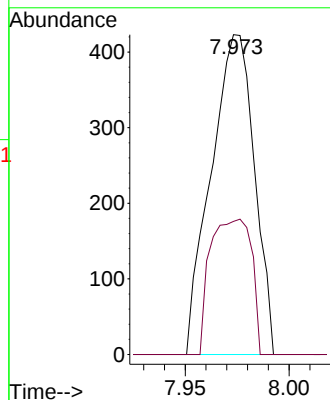
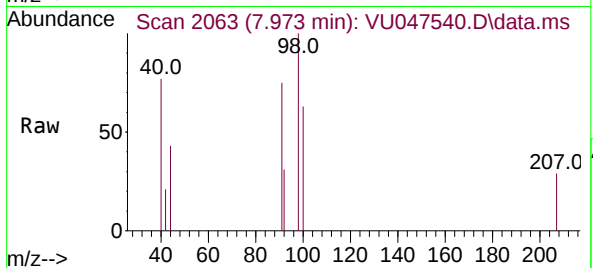
VBLK079

Tgt Ion: 91 Resp: 613

Ion Ratio Lower Upper

91 100

92 41.6 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.096 ug/L

RT: 8.182 min Scan# 2128

Delta R.T. -0.029 min

Lab File: VU047540.D

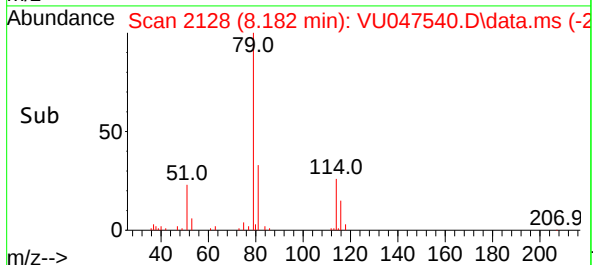
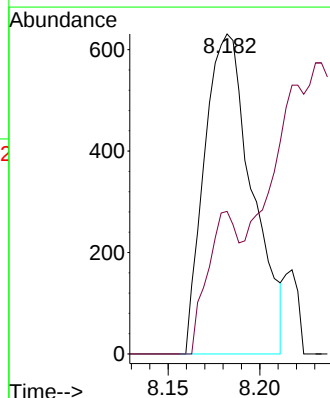
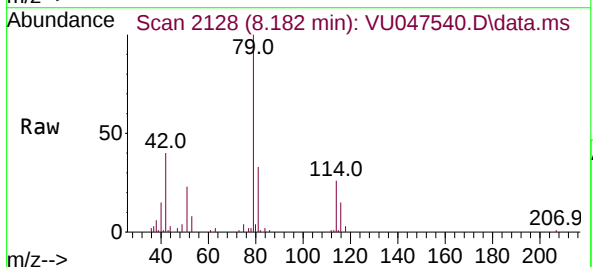
Acq: 14 Mar 2022 17:19

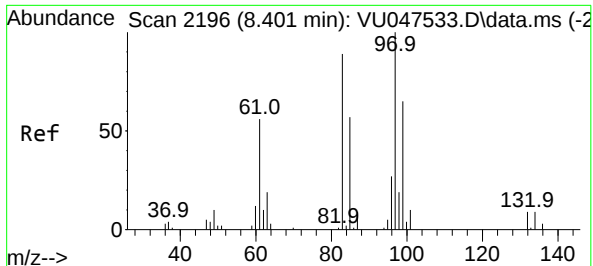
Tgt Ion: 75 Resp: 1142

Ion Ratio Lower Upper

75 100

77 44.5 23.4 43.6#

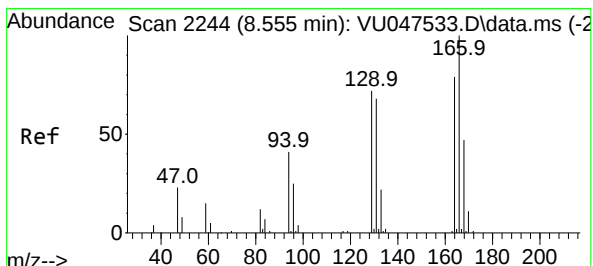
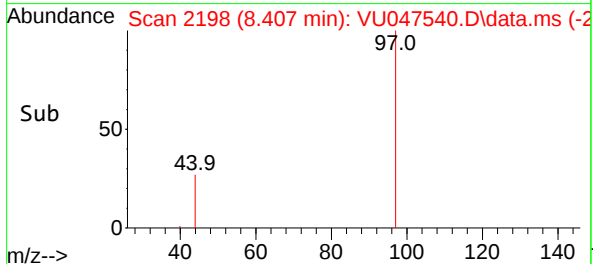
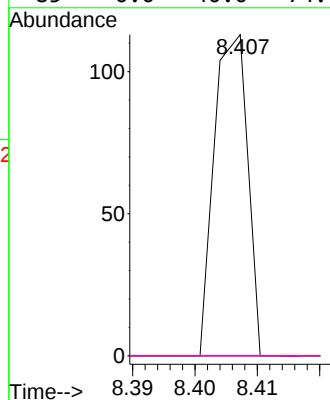
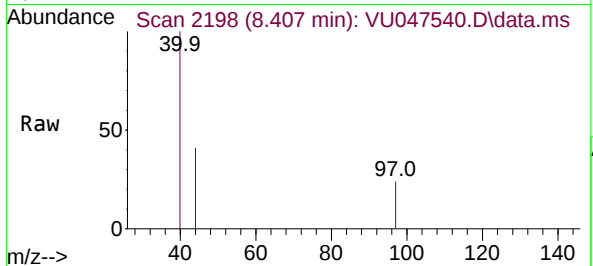




#45
1,1,2-Trichloroethane
Concen: 0.006 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.006 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

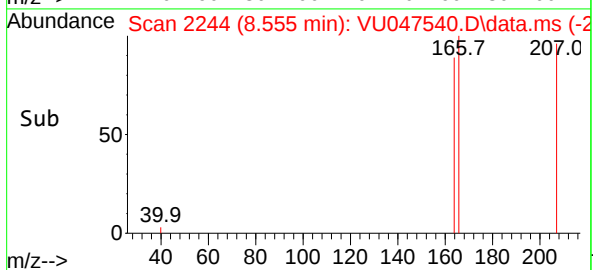
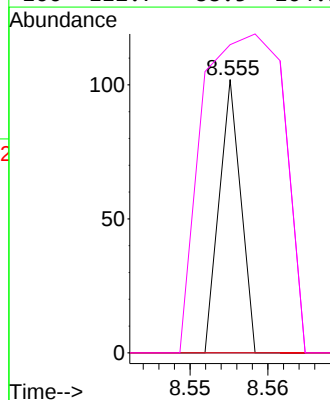
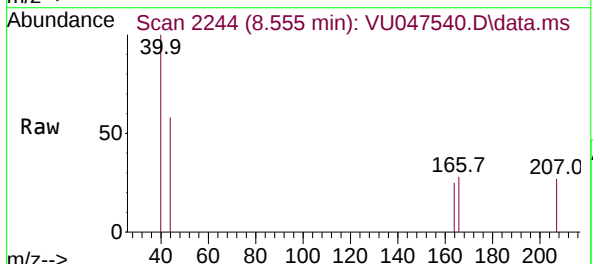
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

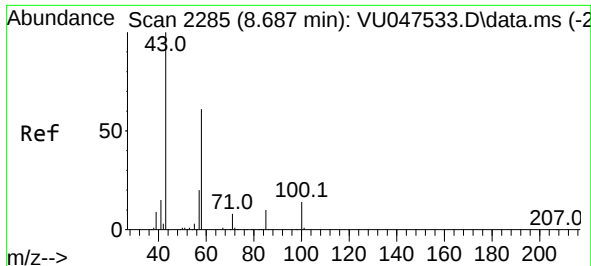
Tgt Ion: 97	Resp:	42	
Ion	Ratio	Lower	Upper
97	100		
99	0.0	45.3	84.1#
83	0.0	62.2	115.6#
85	0.0	40.0	74.4#



#47
Tetrachloroethene
Concen: 0.003 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt	Ion:164	Resp:	20
Ion	Ratio	Lower	Upper
164	100		
129	0.0	63.5	117.9#
131	0.0	60.5	112.5#
166	112.7	88.5	164.3

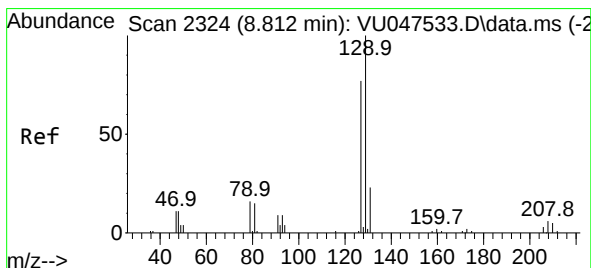
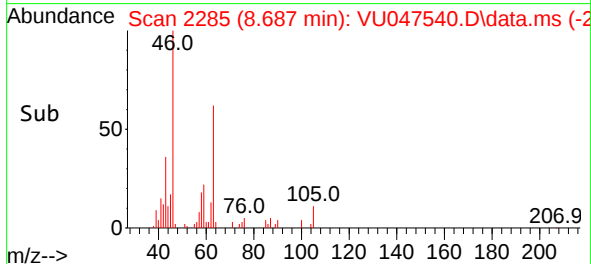
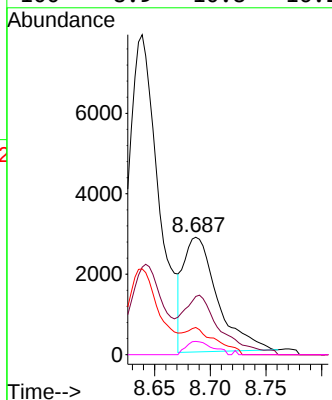
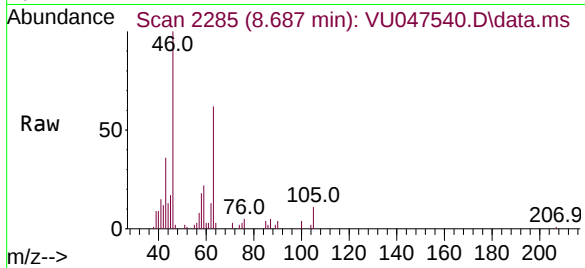




#48
2-Hexanone
Concen: 1.331 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

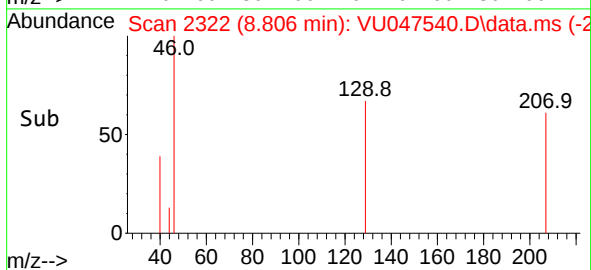
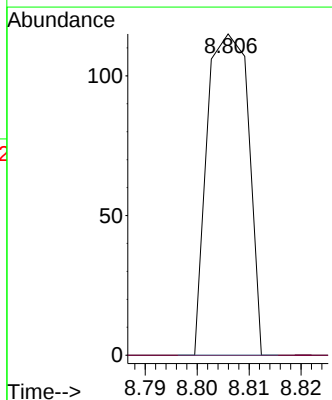
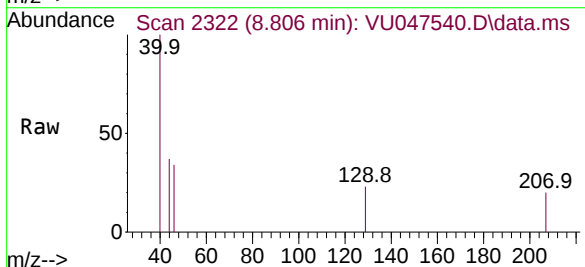
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

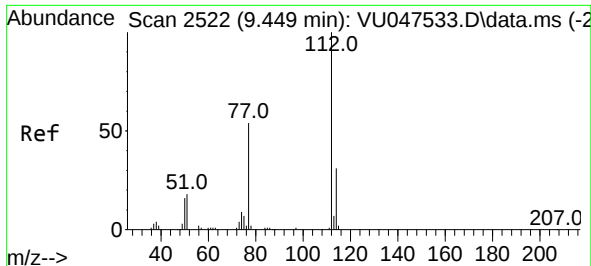
Tgt Ion: 43	Resp: 6074
Ion Ratio	Lower Upper
43 100	
58 57.3	47.5 71.3
57 20.6	16.0 24.0
100 8.9	10.8 16.2#



#49
Dibromochloromethane
Concen: 0.007 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.006 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion:129	Resp: 63		
Ion Ratio	Lower	Upper	
129 100			
127 0.0	53.6	99.6#	

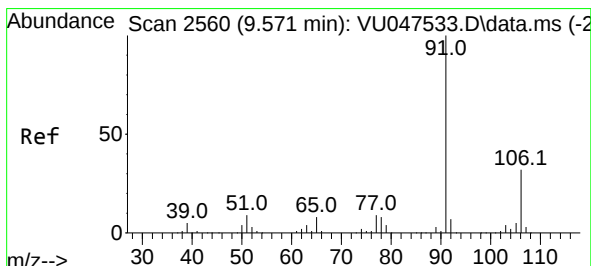
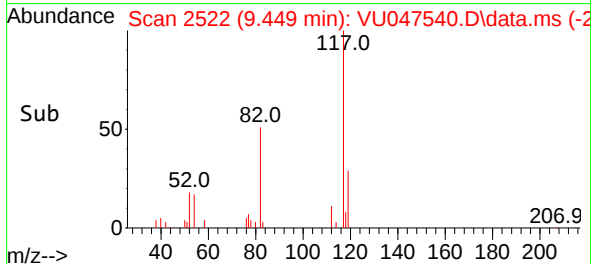
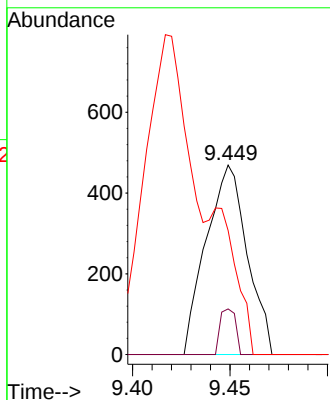
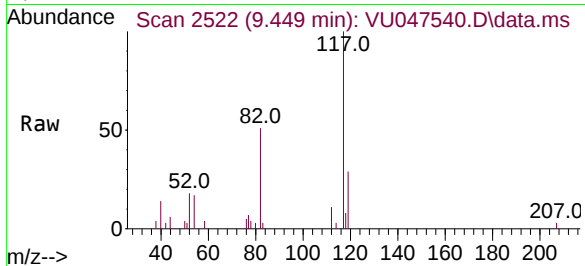




#51
Chlorobenzene
Concen: 0.028 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

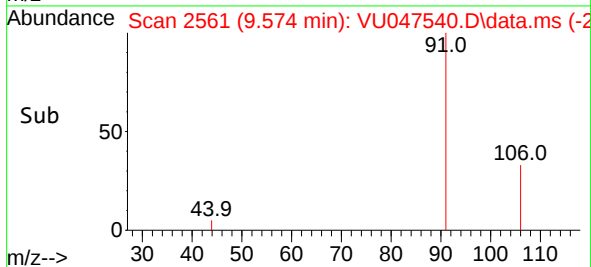
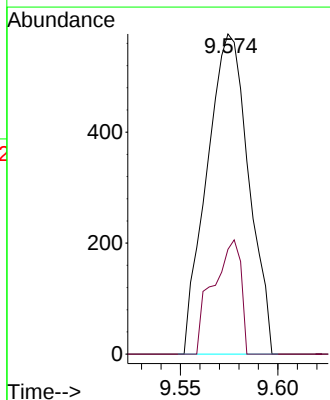
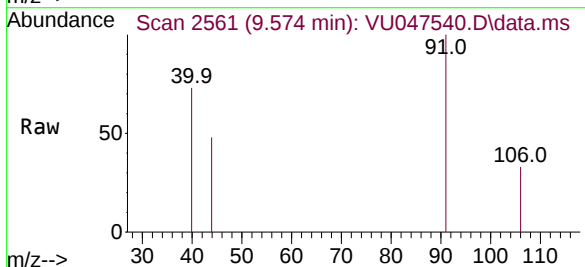
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

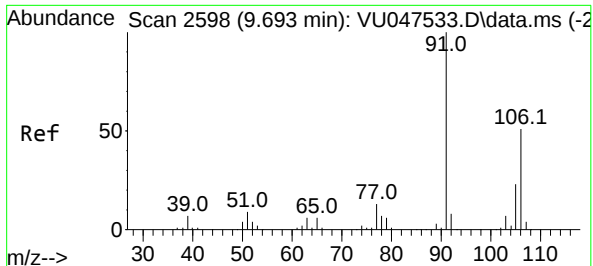
Tgt Ion:	112	Resp:	688
Ion	Ratio	Lower	Upper
112	100		
114	24.1	22.0	40.8
77	65.5	43.7	65.5



#52
Ethylbenzene
Concen: 0.022 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion:	91	Resp:	862
Ion	Ratio	Lower	Upper
91	100		
106	32.8	22.2	41.2

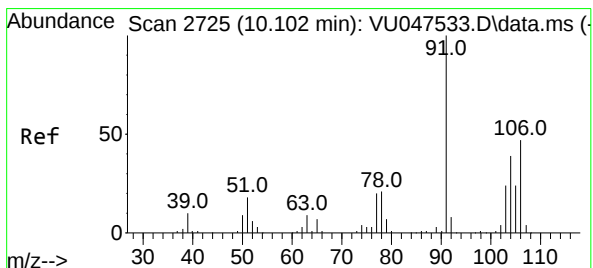
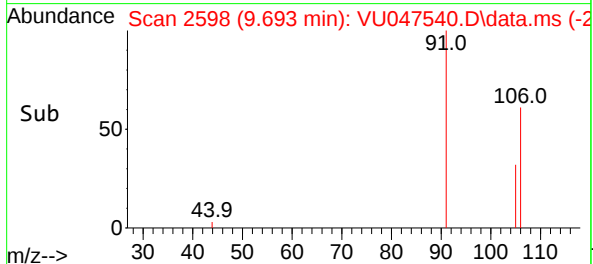
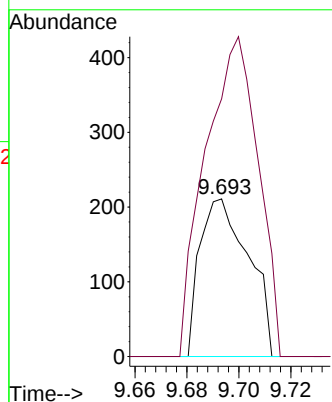
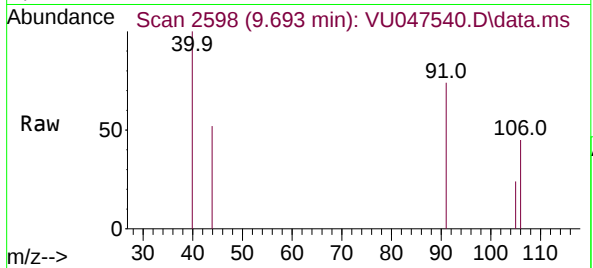




#53
m,p-Xylene
Concen: 0.018 ug/L
RT: 9.693 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

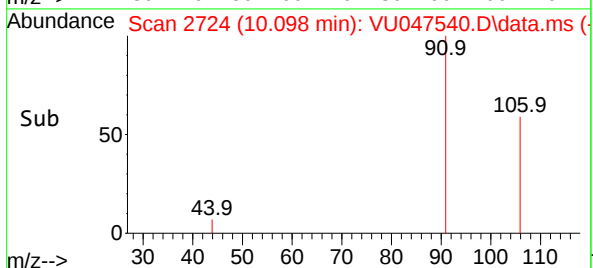
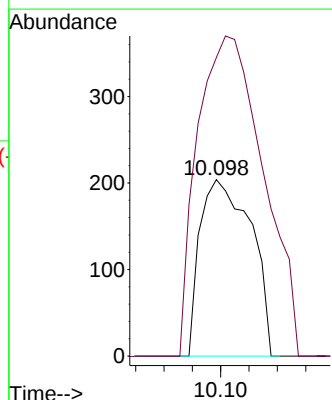
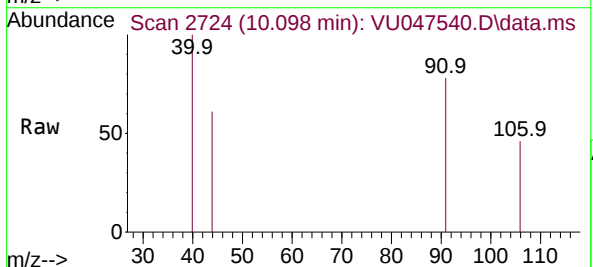
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

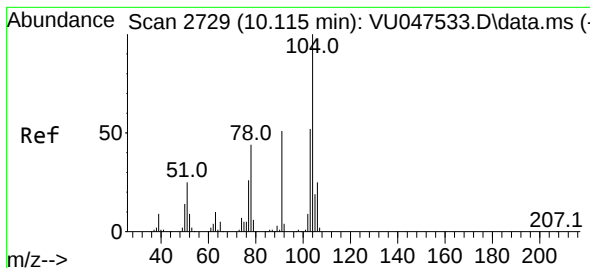
Tgt Ion:106 Resp: 275
Ion Ratio Lower Upper
106 100
91 163.5 136.6 253.8



#54
o-Xylene
Concen: 0.017 ug/L
RT: 10.098 min Scan# 2724
Delta R.T. -0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion:106 Resp: 254
Ion Ratio Lower Upper
106 100
91 169.1 148.5 275.9





#55

Styrene

Concen: 0.024 ug/L

RT: 10.118 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

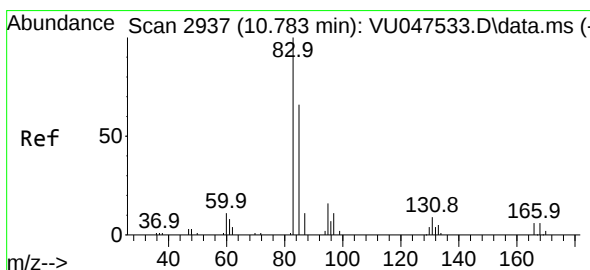
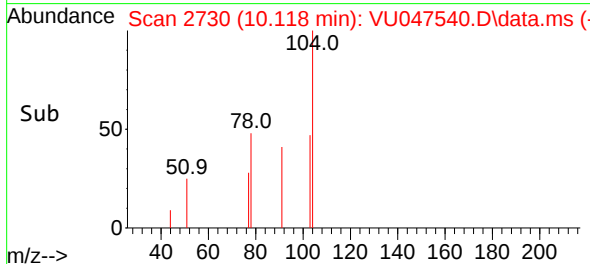
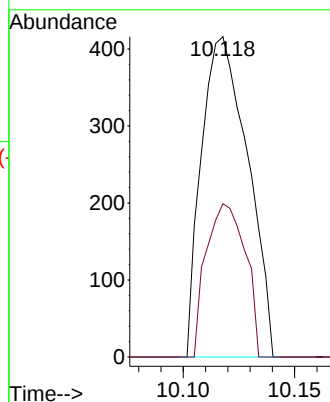
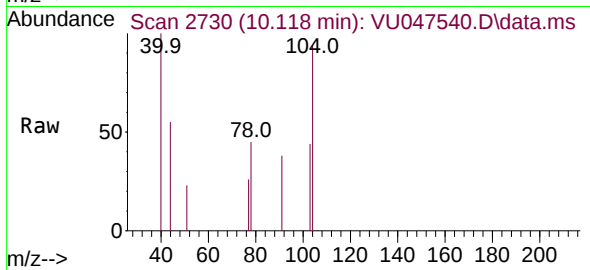
VBLK079

Tgt Ion:104 Resp: 599

Ion Ratio Lower Upper

104 100

78 47.8 31.0 57.6



#57

1,1,2,2-Tetrachloroethane

Concen: 0.047 ug/L

RT: 10.777 min Scan# 2935

Delta R.T. -0.006 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

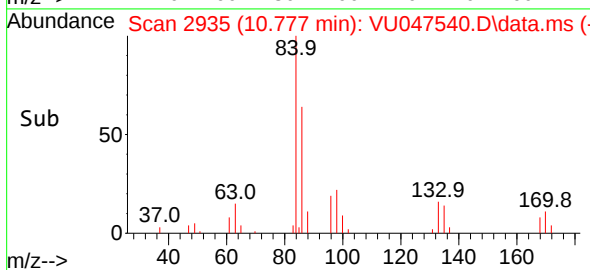
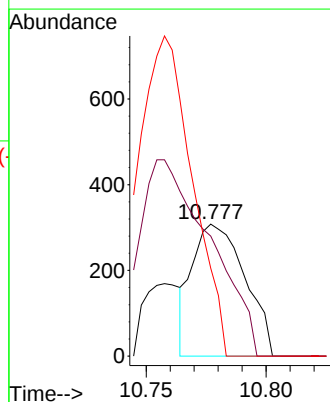
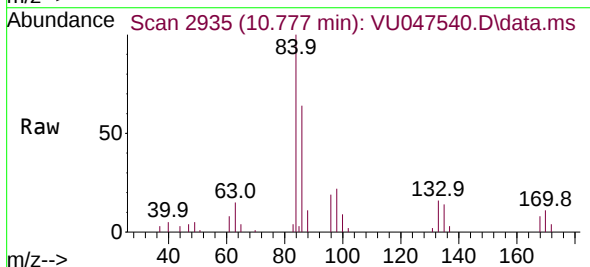
Tgt Ion: 83 Resp: 469

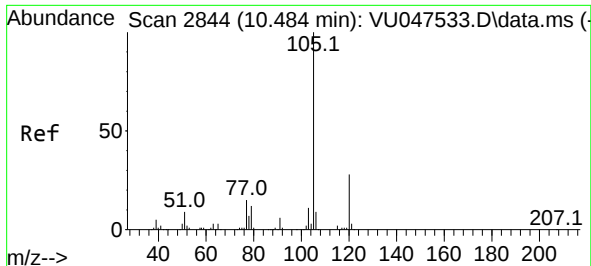
Ion Ratio Lower Upper

83 100

85 90.9 46.7 86.7#

131 66.6 8.0 12.0#

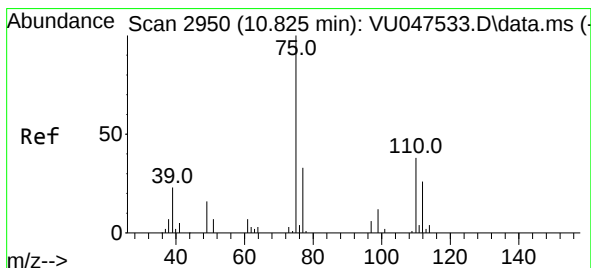
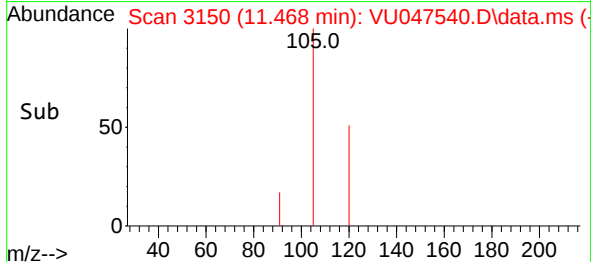
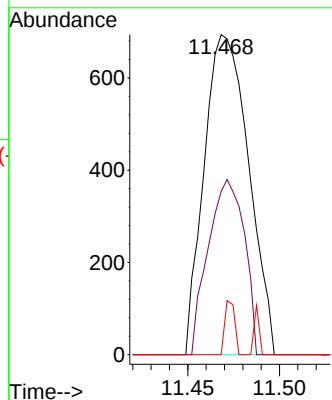
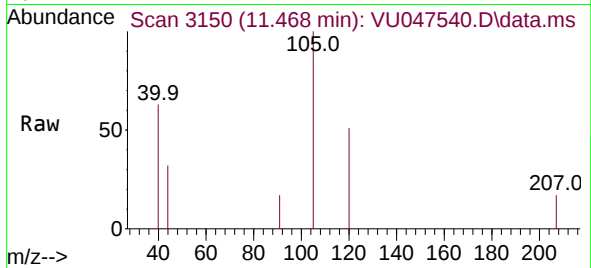




#60
Isopropylbenzene
Concen: 0.034 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.984 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

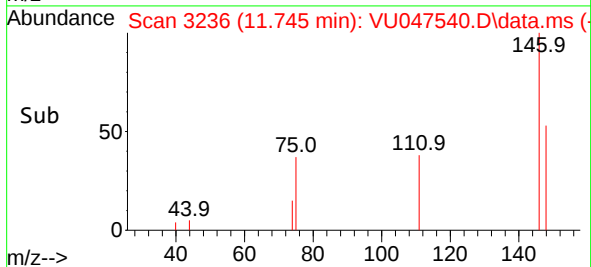
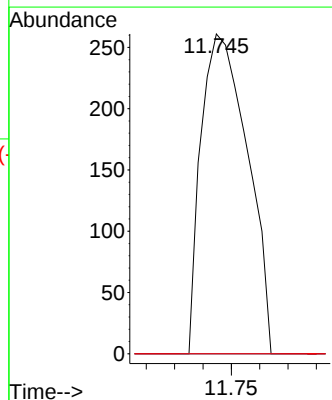
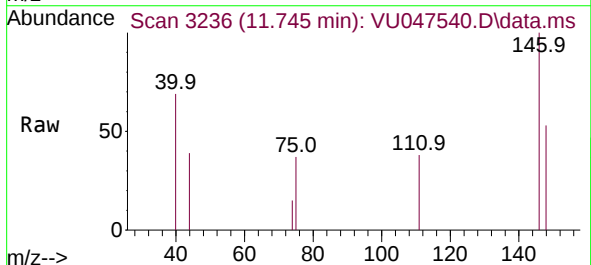
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

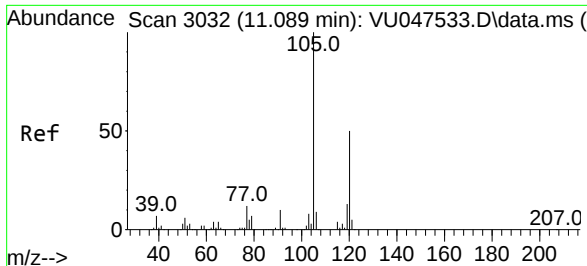
Tgt Ion:105 Resp: 1169
Ion Ratio Lower Upper
105 100
120 44.5 22.2 33.4#
77 0.0 12.2 18.4#



#61
1,2,3-Trichloropropane
Concen: 0.047 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.920 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
110 0.0 30.2 45.4#
77 0.0 26.6 39.8#

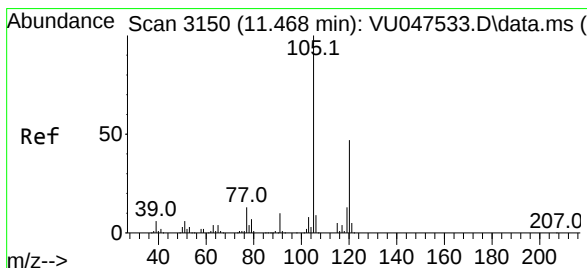
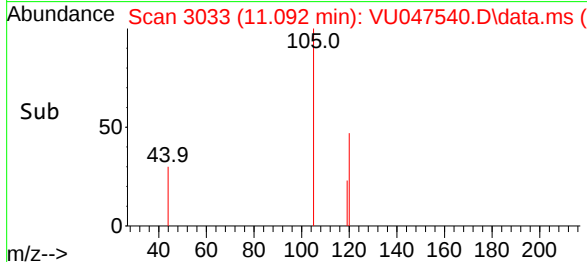
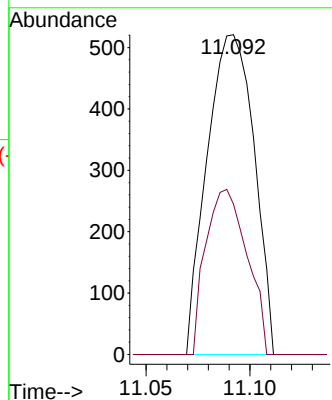
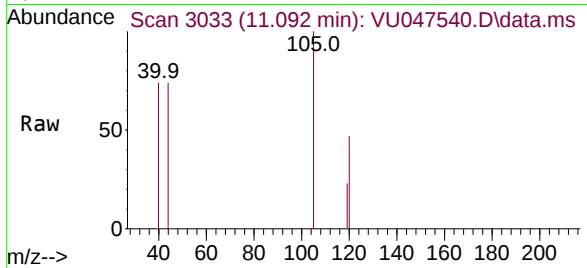




#62
1,3,5-Trimethylbenzene
Concen: 0.037 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. 0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

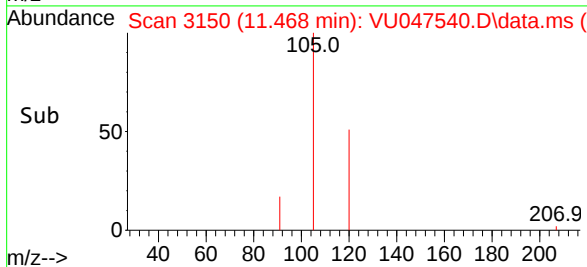
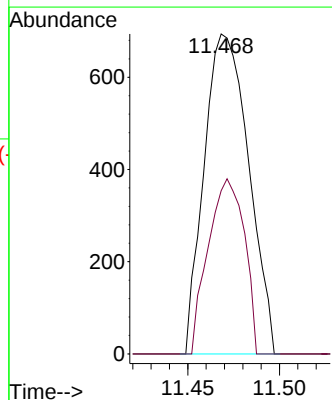
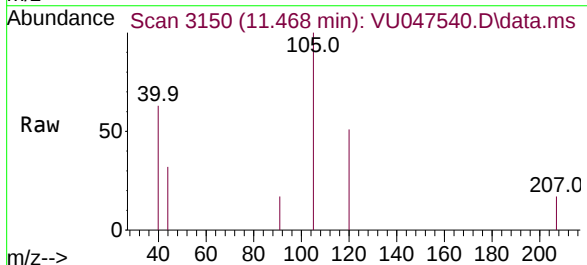
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

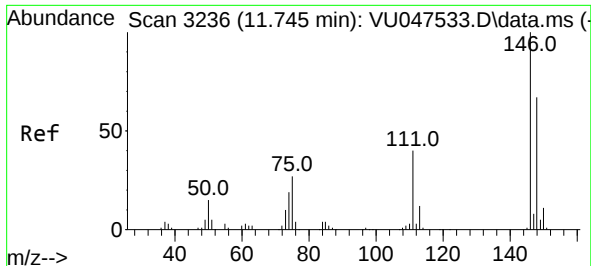
Tgt Ion:105 Resp: 821
Ion Ratio Lower Upper
105 100
120 45.4 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 0.041 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion:105 Resp: 1169
Ion Ratio Lower Upper
105 100
120 44.5 38.2 57.4

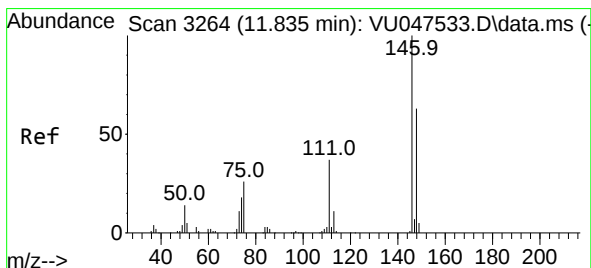
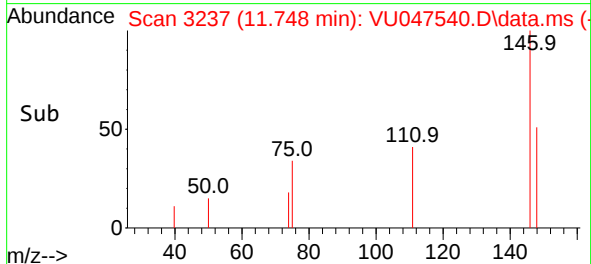
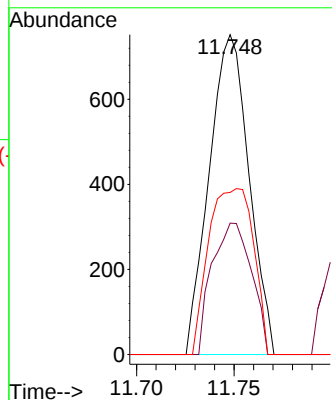
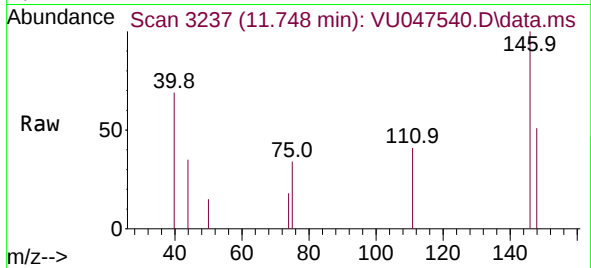




#64
1,3-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

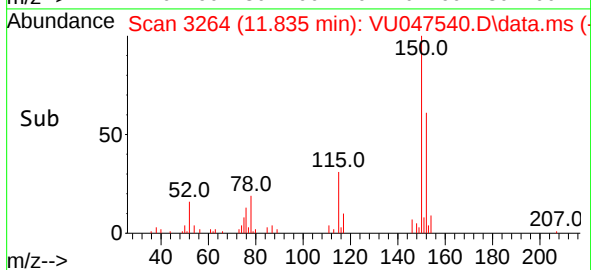
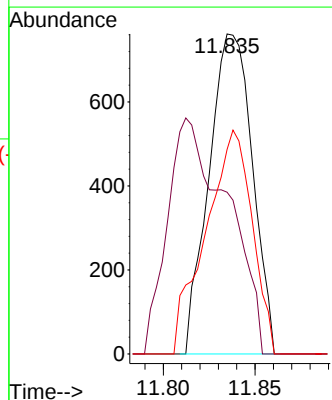
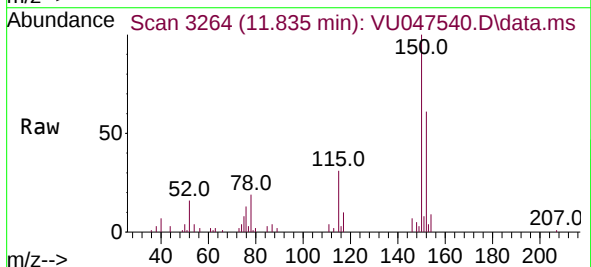
Instrument :
MSVOA_U
ClientSampleId :
VBLK079

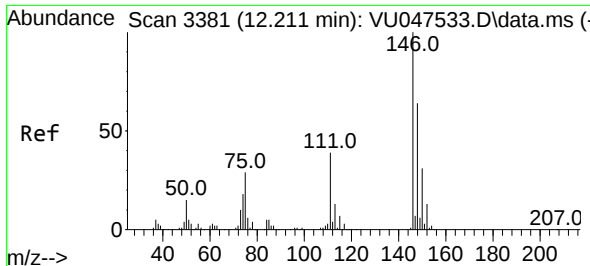
Tgt Ion:146 Resp: 1065
Ion Ratio Lower Upper
146 100
111 41.1 27.7 51.5
148 50.7 46.5 86.5



#65
1,4-Dichlorobenzene
Concen: 0.064 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU047540.D
Acq: 14 Mar 2022 17:19

Tgt Ion:146 Resp: 1256
Ion Ratio Lower Upper
146 100
111 50.5 26.2 48.8#
148 63.9 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 0.061 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK079

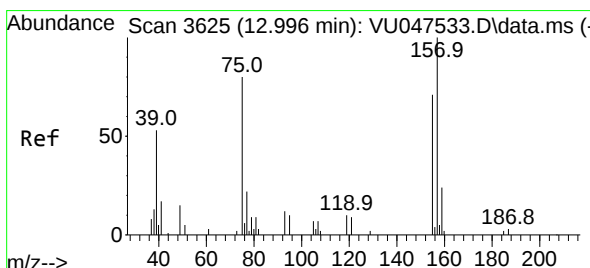
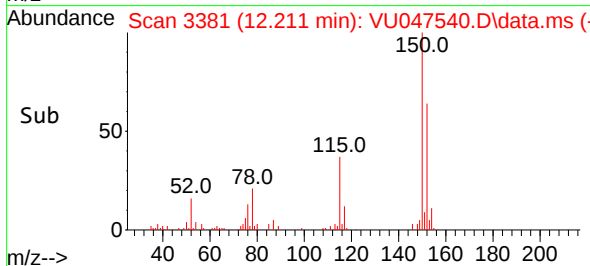
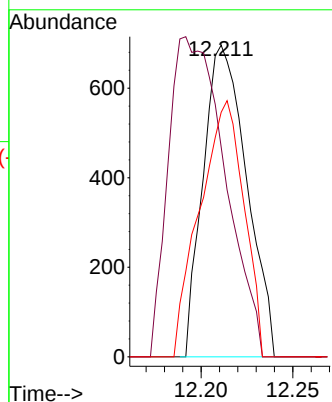
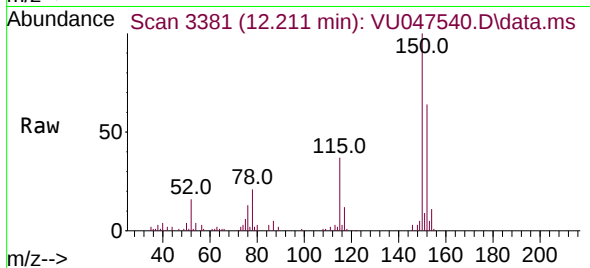
Tgt Ion:146 Resp: 1146

Ion Ratio Lower Upper

146 100

111 67.4 31.4 47.0#

148 78.4 50.9 76.3#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.116 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. 0.225 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

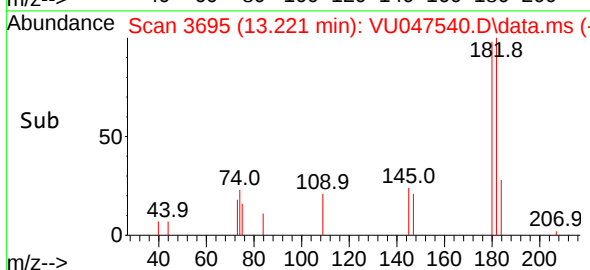
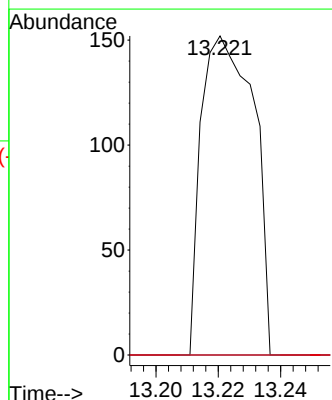
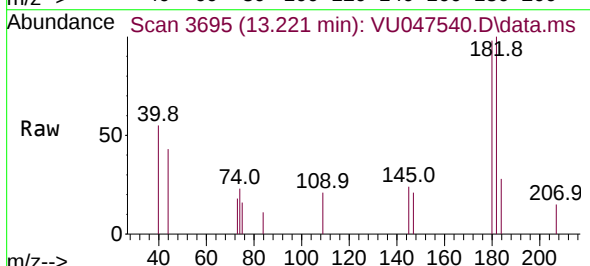
Tgt Ion: 75 Resp: 177

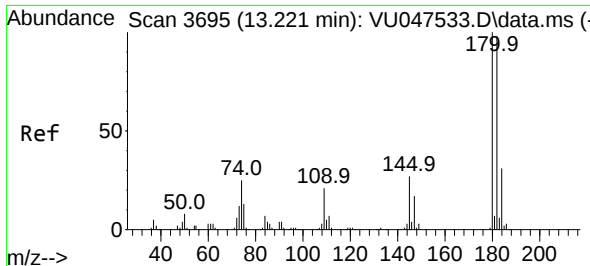
Ion Ratio Lower Upper

75 100

155 0.0 70.8 106.2#

157 0.0 99.4 149.2#

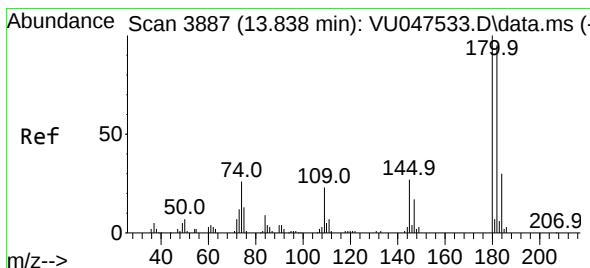
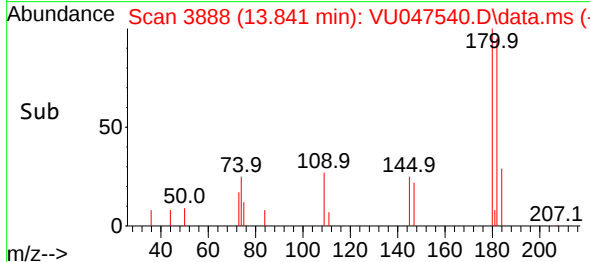
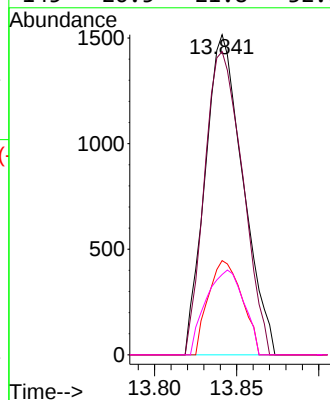
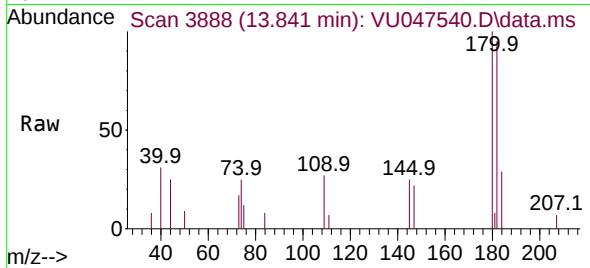




#69
 1,3,5-Trichlorobenzene
 Concen: 0.150 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.621 min
 Lab File: VU047540.D
 Acq: 14 Mar 2022 17:19

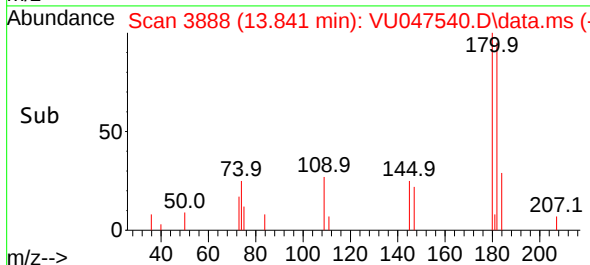
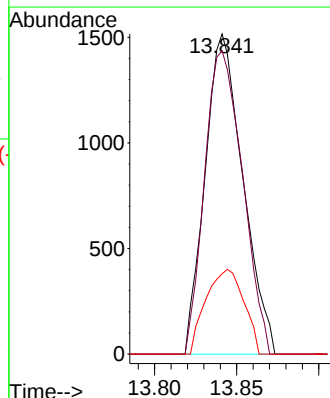
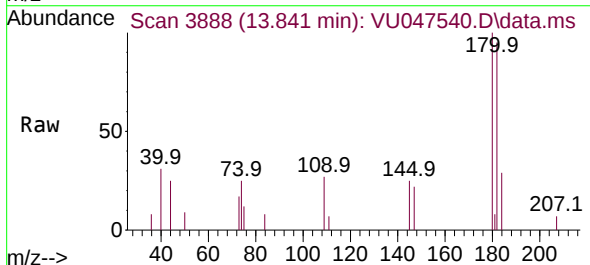
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK079

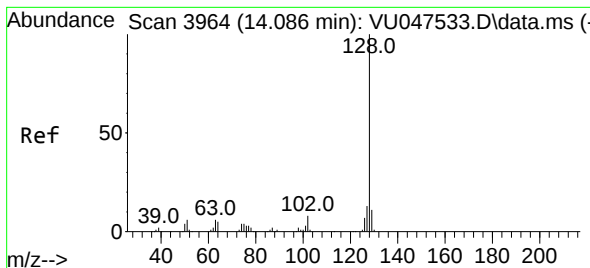
Tgt Ion:	180	Resp:	2427
Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.3	115.9
184	26.1	24.3	36.5
145	26.5	21.8	32.6



#70
 1,2,4-trichlorobenzene
 Concen: 0.170 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047540.D
 Acq: 14 Mar 2022 17:19

Tgt Ion:	180	Resp:	2427
Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.6	114.8
145	26.5	22.5	33.7





#71

Naphthalene

Concen: 0.295 ug/L

RT: 14.089 min Scan# 3964

Delta R.T. 0.003 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Instrument :

MSVOA_U

ClientSampleId :

VBLK079

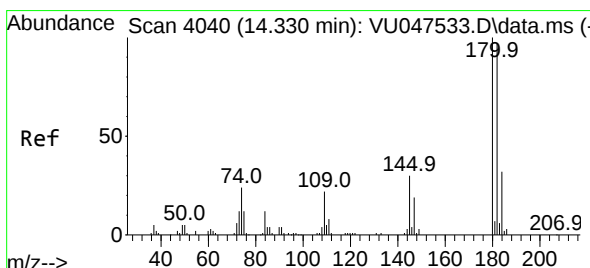
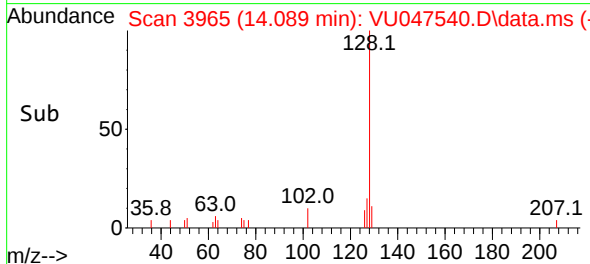
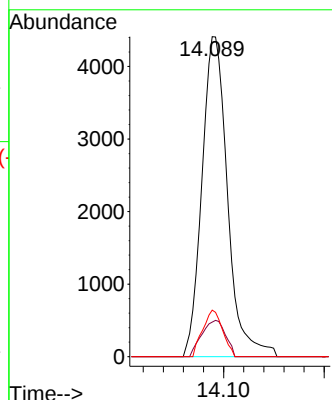
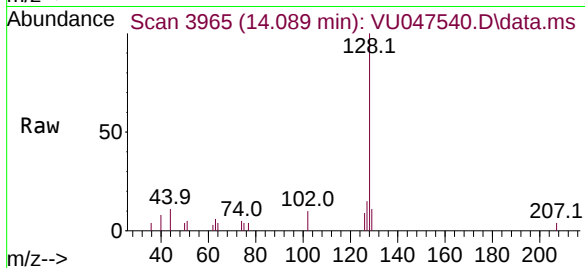
Tgt Ion:128 Resp: 7807

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 11.3 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 0.203 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VU047540.D

Acq: 14 Mar 2022 17:19

Tgt Ion:180 Resp: 2771

Ion Ratio Lower Upper

180 100

182 96.1 77.8 116.8

145 27.5 23.7 35.5

