

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047334.D
 Acq On : 04 Mar 2022 17:07
 Operator : SY/MD
 Sample : N1773-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY14

Quant Time: Mar 04 23:23:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 23:20:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.282	114	204513	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.427	117	199992	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	63833	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.935	69	55521	4.585	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.584	65	28880	4.711	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	4.742	46	174284	36.574	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.140%
24) Chloroform-d	5.079	84	109547	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	5.729	65	61450	4.083	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
32) Benzene-d6	5.742	84	220162	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.722	67	72412	4.128	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.915	98	206767	3.888	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.195	79	31236	4.052	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.655	63	167568	38.193	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.380%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	69701	3.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	91307	4.085	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	860	0.087	ug/L #	39
15) Methyl Acetate	2.970	43	2675	0.607	ug/L #	51
19) 1,1-Dichloroethane	3.880	63	8297	0.458	ug/L	95
21) 2-Butanone	4.825	43	8915	2.438	ug/L	91
22) cis-1,2-Dichloroethene	4.678	96	2933	0.247	ug/L	96
33) Benzene	5.790	78	26155	0.580	ug/L	100
34) Trichloroethene	6.568	95	3221	0.272	ug/L	93
35) Methylcyclohexane	6.722	83	17265	0.949	ug/L #	19
37) 1,2-Dichloropropane	6.722	63	7897	0.706	ug/L #	88
39) cis-1,3-Dichloropropene	7.584	75	1980	0.111	ug/L #	6
42) Toluene	7.983	91	61116	1.249	ug/L	98
47) Tetrachloroethene	8.562	164	13003	1.287	ug/L	97
49) Dibromochloromethane	8.565	129	11995	1.053	ug/L #	10
52) Ethylbenzene	9.574	91	6731	0.129	ug/L	99
53) m,p-Xylene	9.697	106	4810	0.231	ug/L	96
54) o-Xylene	10.105	106	2771	0.138	ug/L	93
61) 1,2,3-Trichloropropane	11.812	75	12183	1.286	ug/L #	68
71) Naphthalene	14.089	128	6207	0.150	ug/L	98

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Response via : Initial Calibration

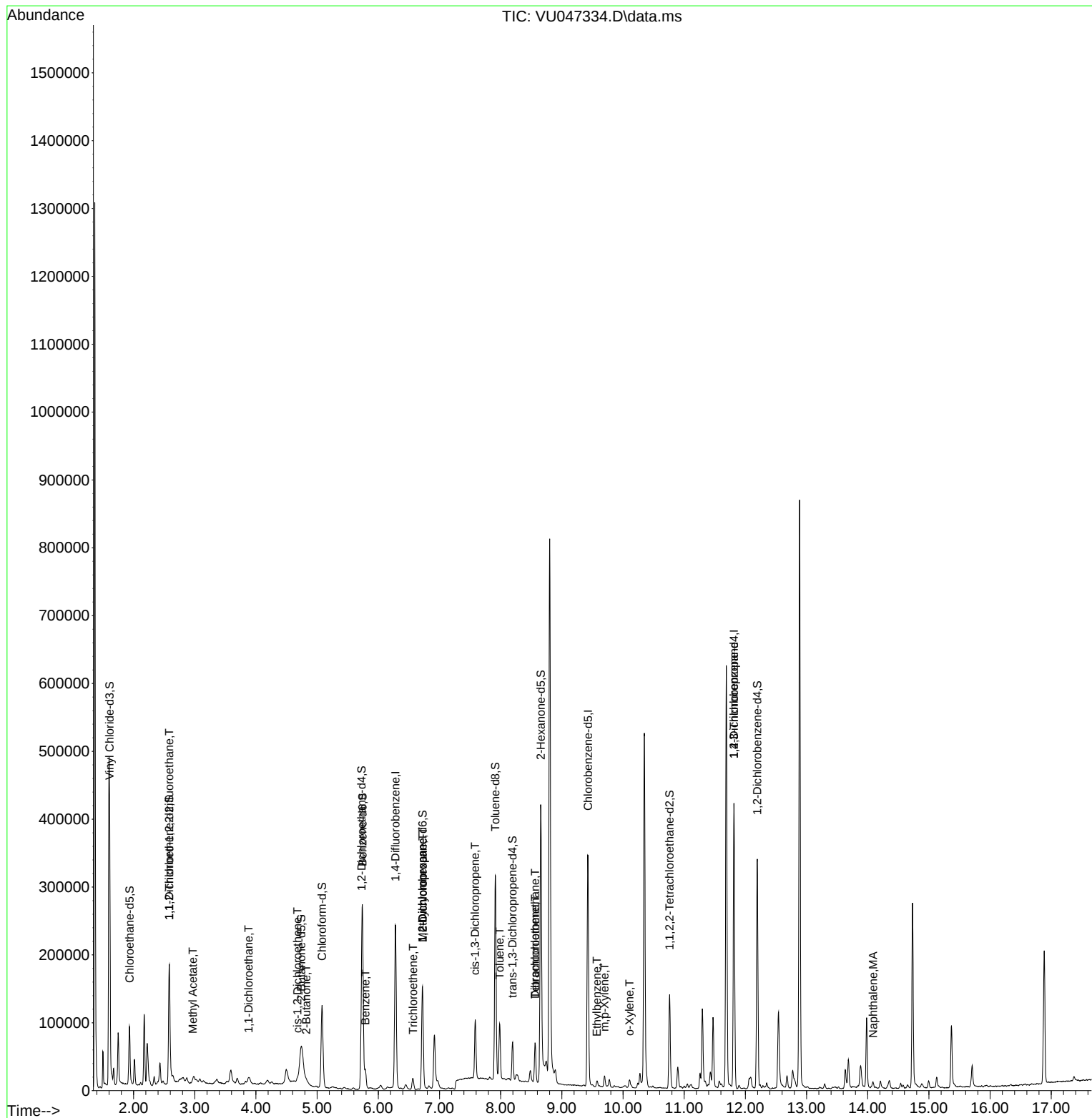
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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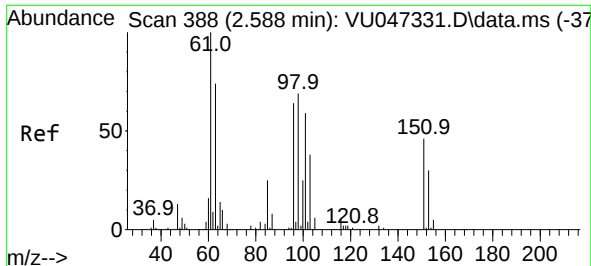
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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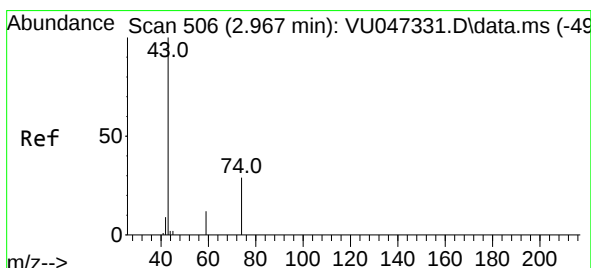
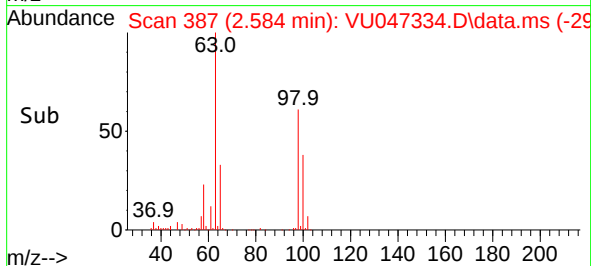
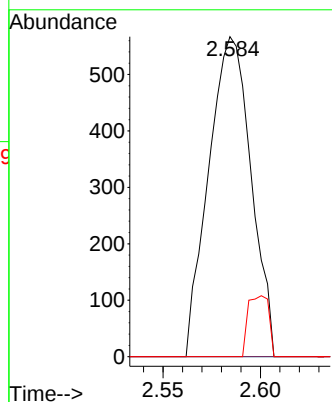
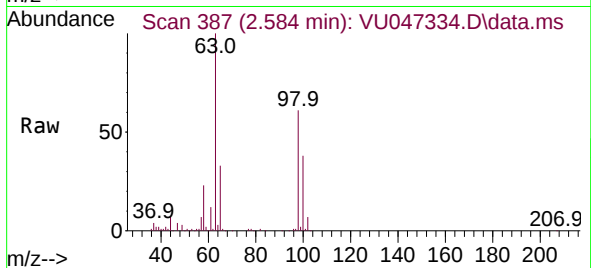




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.087 ug/L
RT: 2.584 min Scan# 388
Delta R.T. -0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

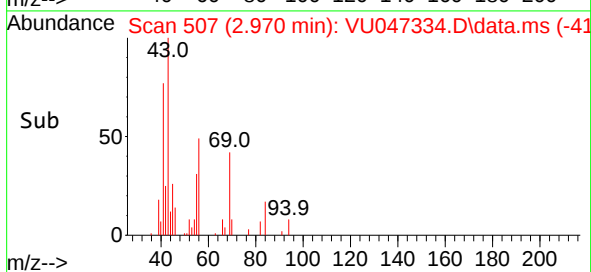
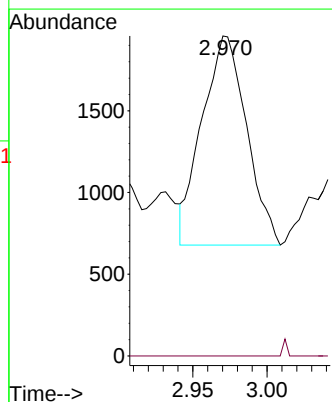
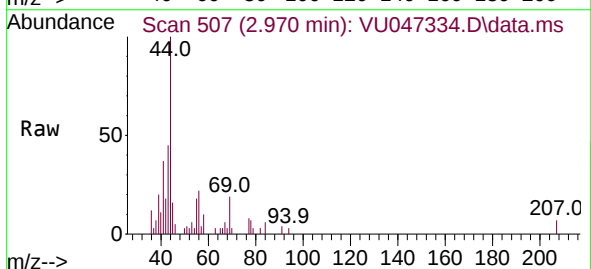
Instrument :
MSVOA_U
ClientSampleId :
BFY14

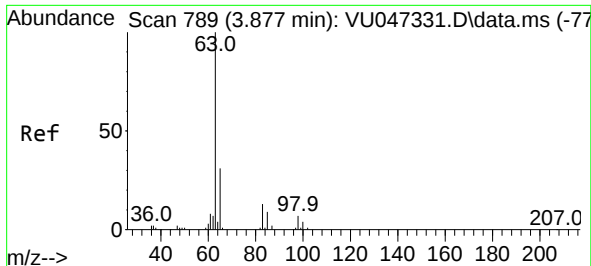
Tgt Ion:101 Resp: 860
Ion Ratio Lower Upper
101 100
85 68.5 34.6 51.8#
151 9.3 56.1 84.1#



#15
Methyl Acetate
Concen: 0.607 ug/L
RT: 2.970 min Scan# 507
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 43 Resp: 2675
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#

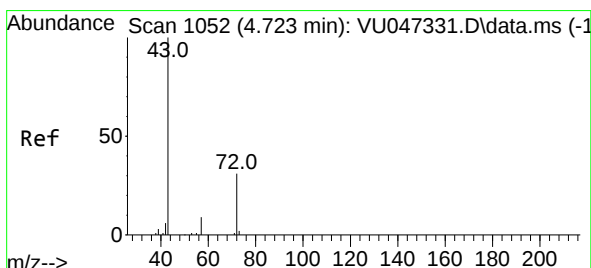
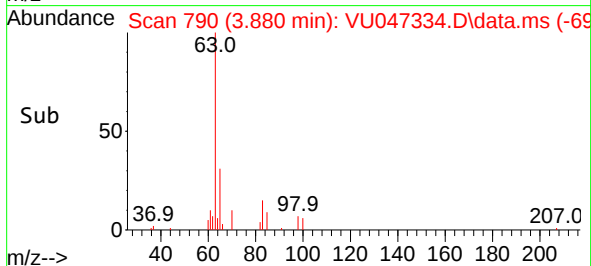
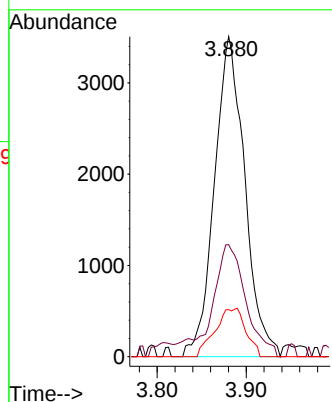
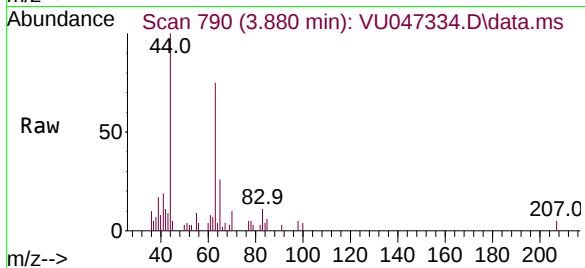




#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.880 min Scan# 791
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

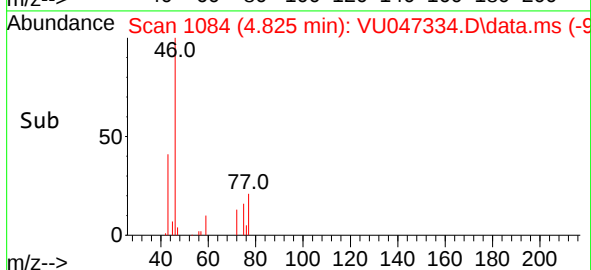
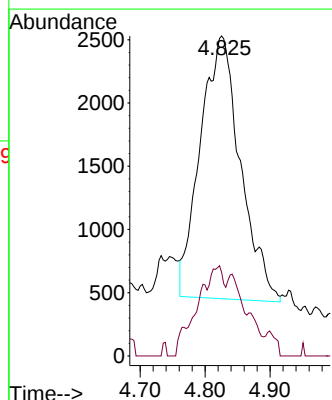
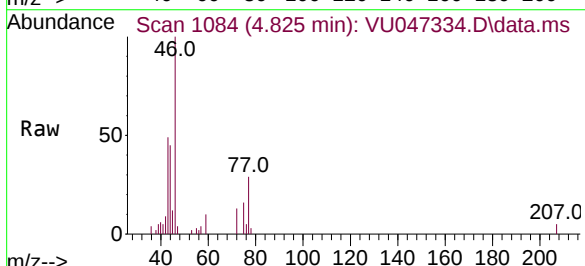
Instrument :
MSVOA_U
ClientSampleId :
BFY14

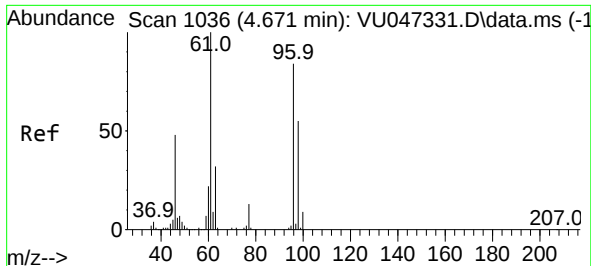
Tgt Ion: 63	Resp: 8297
Ion Ratio	Lower Upper
63 100	
65 35.0	22.3 41.5
83 14.7	9.6 17.8



#21
2-Butanone
Concen: 2.438 ug/L
RT: 4.825 min Scan# 1084
Delta R.T. 0.103 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 43	Resp: 8915		
Ion Ratio	Lower	Upper	
43 100			
72 23.3	14.1	42.3	





#22

cis-1,2-Dichloroethene

Concen: 0.247 ug/L

RT: 4.678 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

BFY14

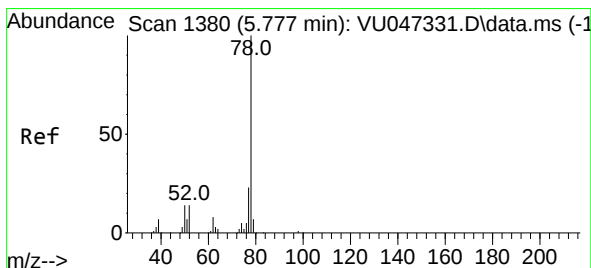
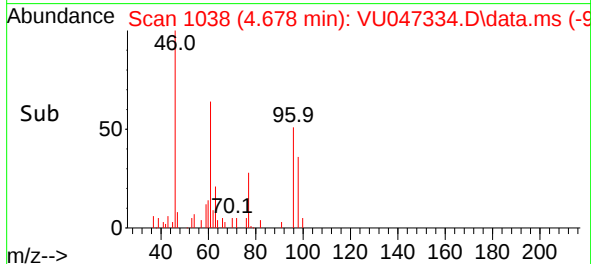
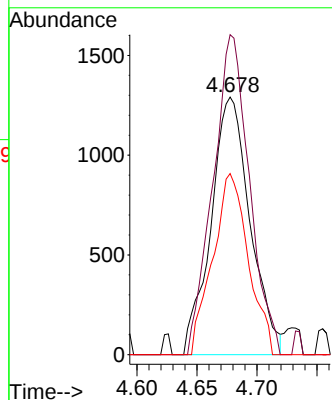
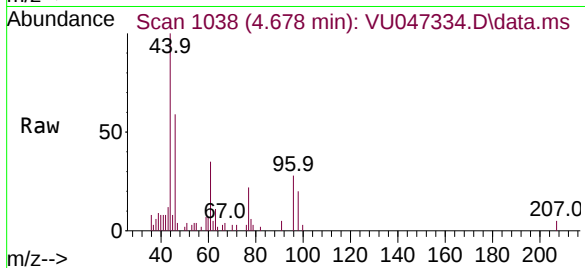
Tgt Ion: 96 Resp: 2933

Ion Ratio Lower Upper

96 100

61 124.2 88.5 164.3

98 70.3 44.4 82.5



#33

Benzene

Concen: 0.580 ug/L

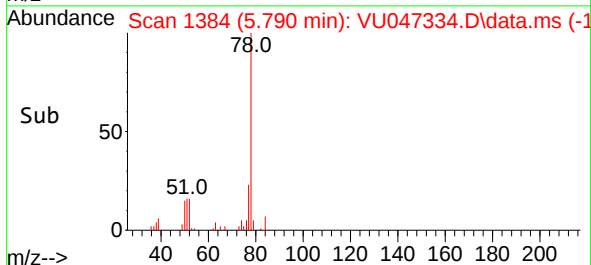
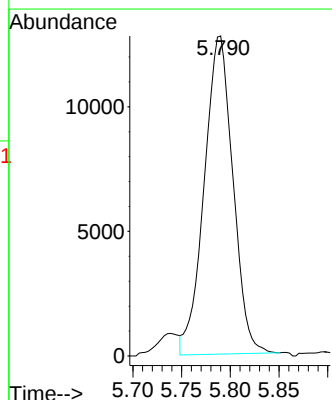
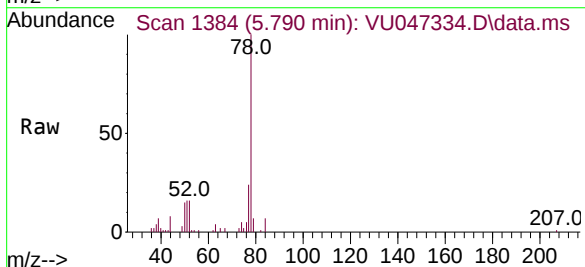
RT: 5.790 min Scan# 1384

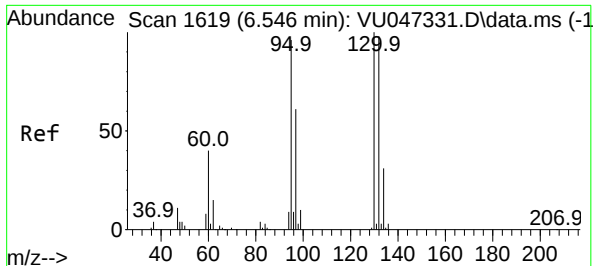
Delta R.T. 0.013 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Tgt Ion: 78 Resp: 26155



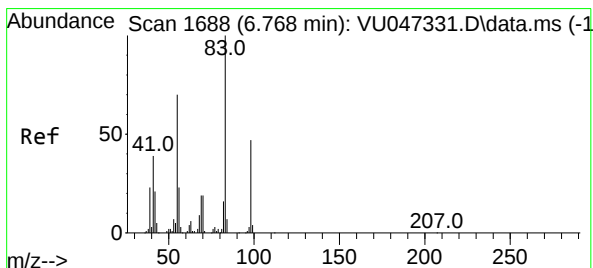
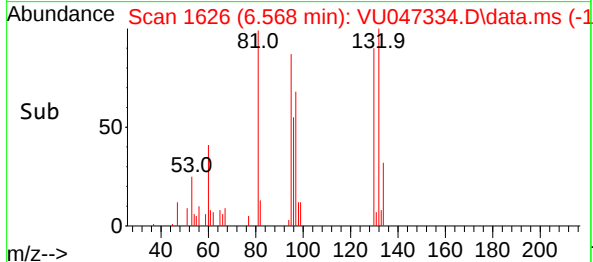
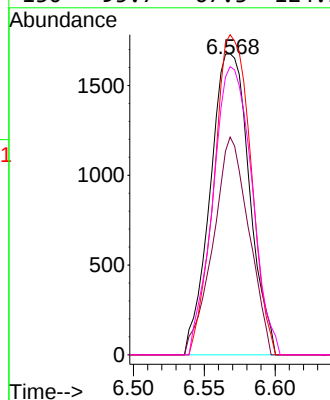
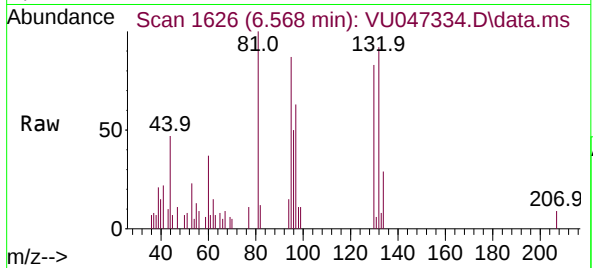


#34
Trichloroethene
Concen: 0.272 ug/L
RT: 6.568 min Scan# 1626
Delta R.T. 0.022 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
BFY14

Tgt Ion: 95 Resp: 3221

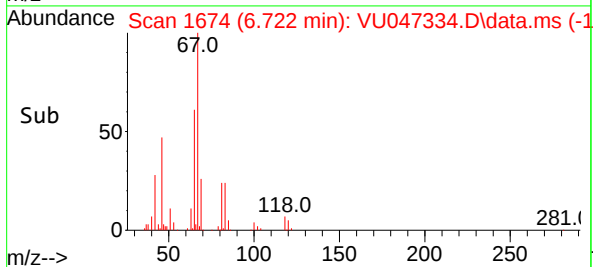
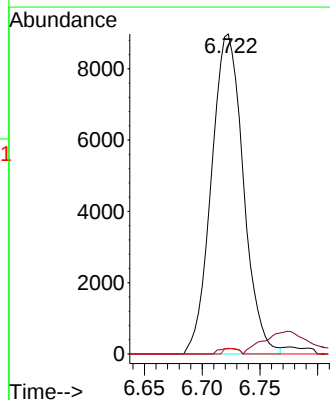
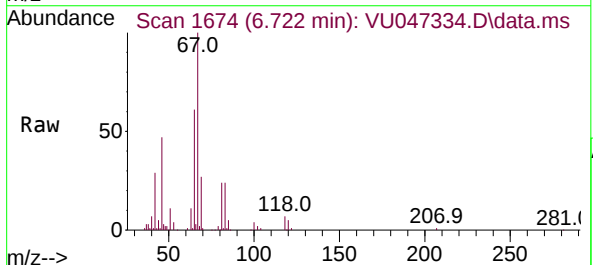
Ion	Ratio	Lower	Upper
95	100		
97	72.3	46.5	86.5
132	106.3	65.1	120.9
130	95.7	67.3	124.9

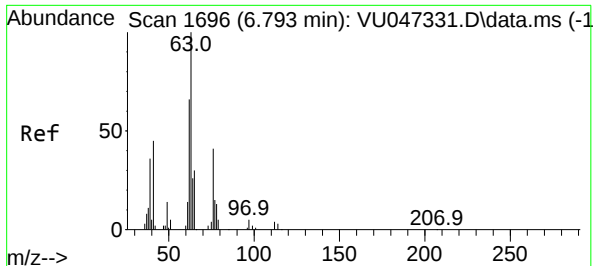


#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.722 min Scan# 1674
Delta R.T. -0.045 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 83 Resp: 17265

Ion	Ratio	Lower	Upper
83	100		
55	1.0	61.9	92.9#
98	0.8	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.706 ug/L

RT: 6.722 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

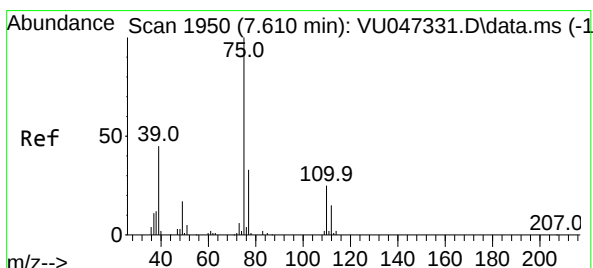
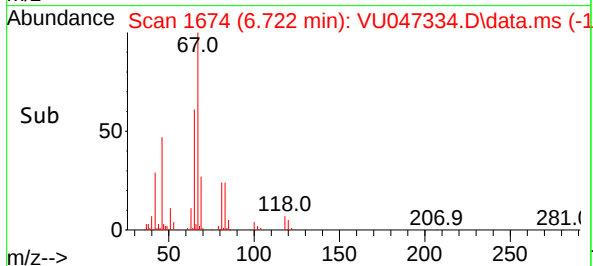
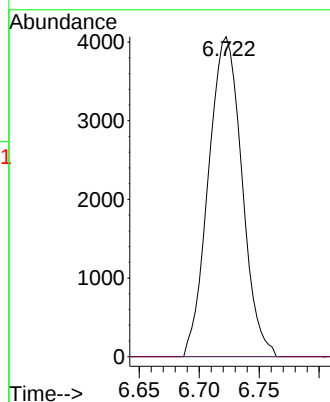
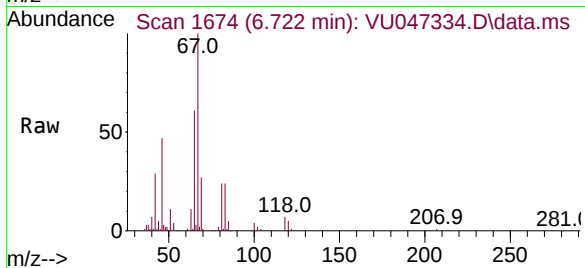
BFY14

Tgt Ion: 63 Resp: 7897

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 7.584 min Scan# 1942

Delta R.T. -0.026 min

Lab File: VU047334.D

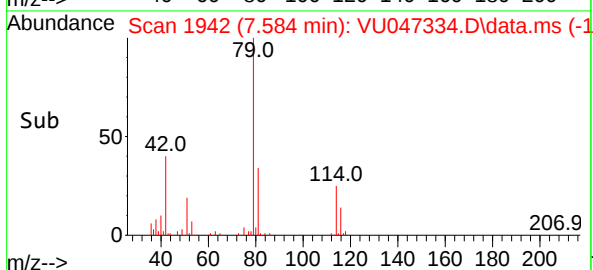
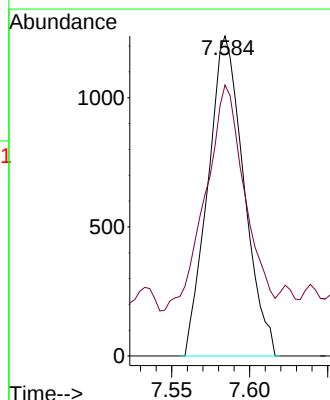
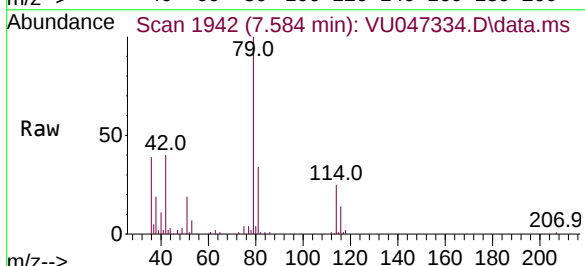
Acq: 04 Mar 2022 17:07

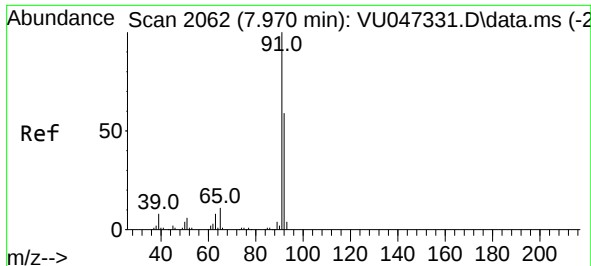
Tgt Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

77 84.7 22.5 41.9#





#42

Toluene

Concen: 1.249 ug/L

RT: 7.983 min Scan# 2062

Delta R.T. 0.013 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

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ClientSampleId :

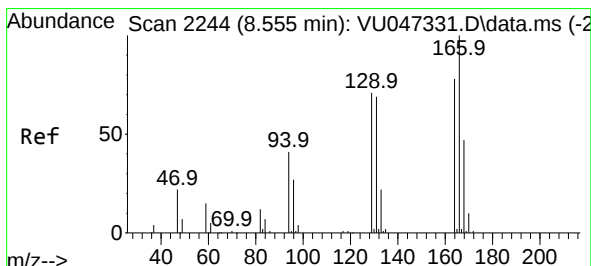
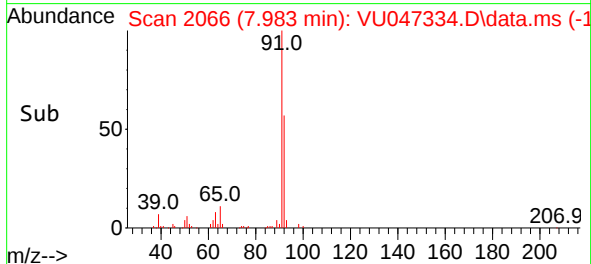
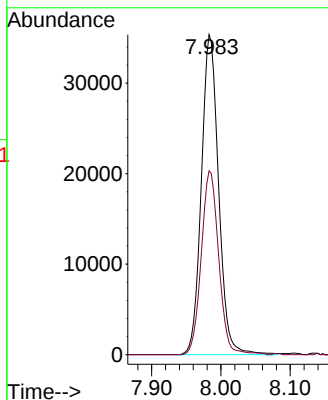
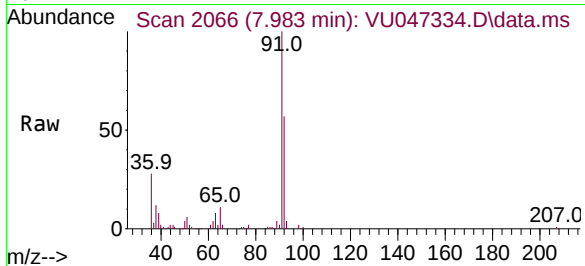
BFY14

Tgt Ion: 91 Resp: 61116

Ion Ratio Lower Upper

91 100

92 57.5 41.3 76.7



#47

Tetrachloroethene

Concen: 1.287 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.006 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Tgt Ion: 164 Resp: 13003

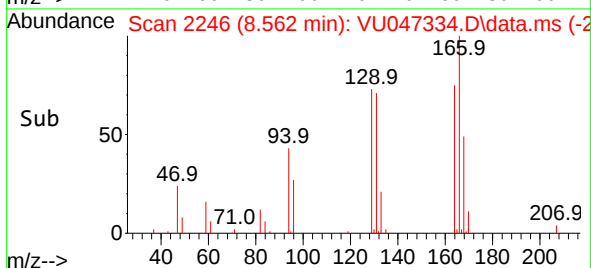
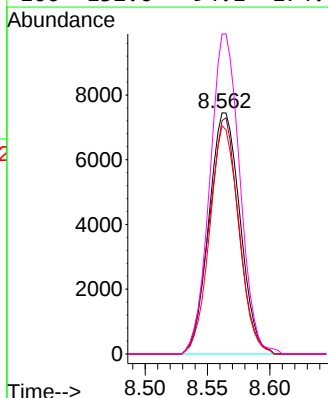
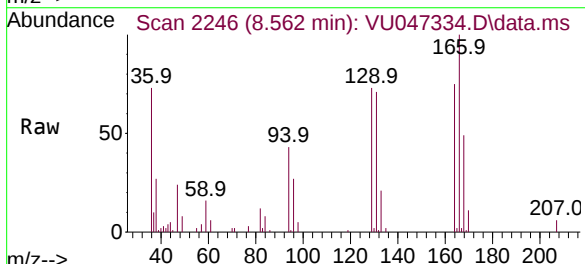
Ion Ratio Lower Upper

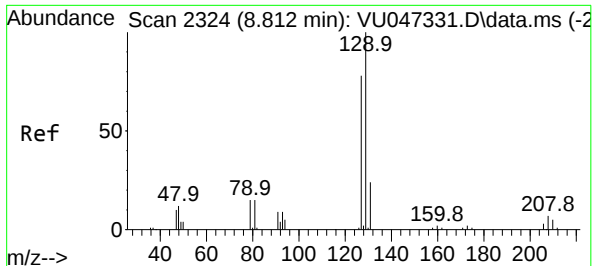
164 100

129 96.7 71.8 133.4

131 94.6 68.5 127.3

166 132.6 94.1 174.8





#49

Dibromochloromethane

Concen: 1.053 ug/L

RT: 8.565 min Scan# 21

Delta R.T. -0.248 min

Lab File: VU047334.D

Acq: 04 Mar 2022 17:07

Instrument :

MSVOA_U

ClientSampleId :

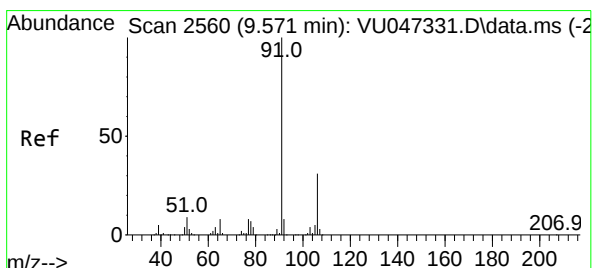
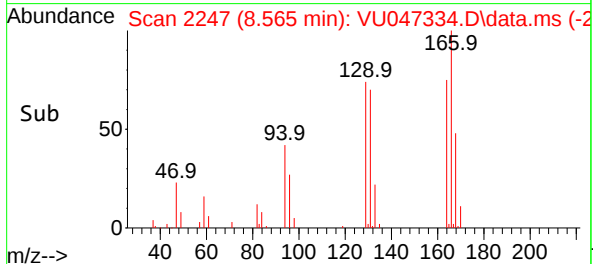
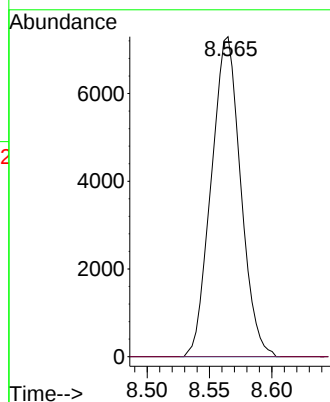
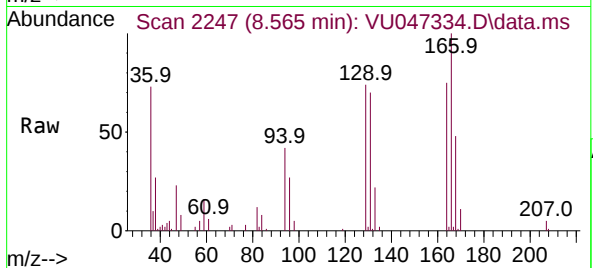
BFY14

Tgt Ion:129 Resp: 11995

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#52

Ethylbenzene

Concen: 0.129 ug/L

RT: 9.574 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU047334.D

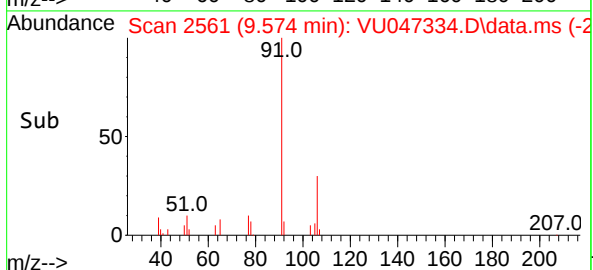
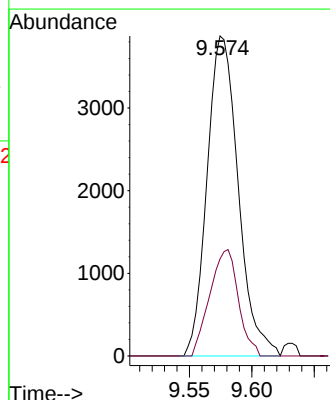
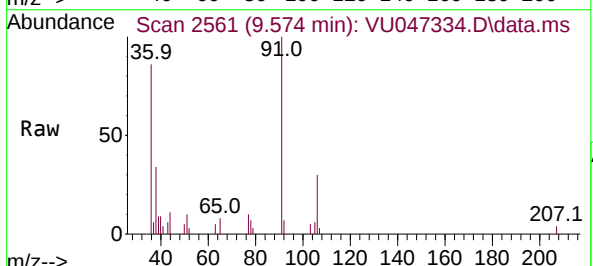
Acq: 04 Mar 2022 17:07

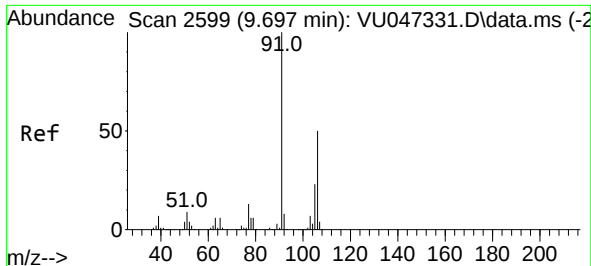
Tgt Ion: 91 Resp: 6731

Ion Ratio Lower Upper

91 100

106 30.4 21.5 39.9

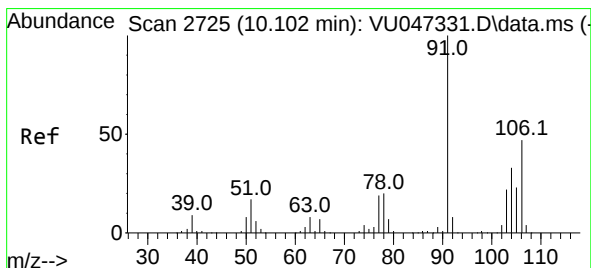
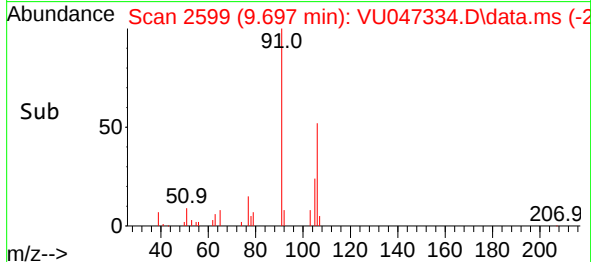
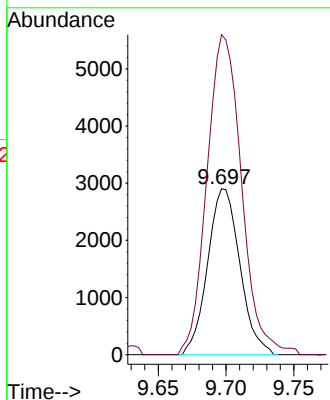
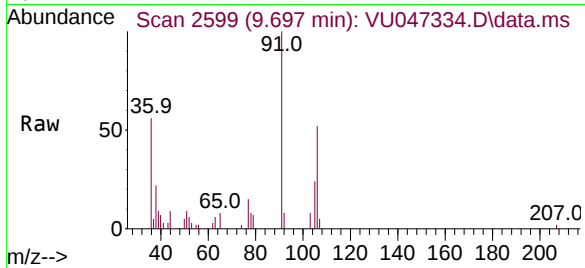




#53
m,p-Xylene
Concen: 0.231 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

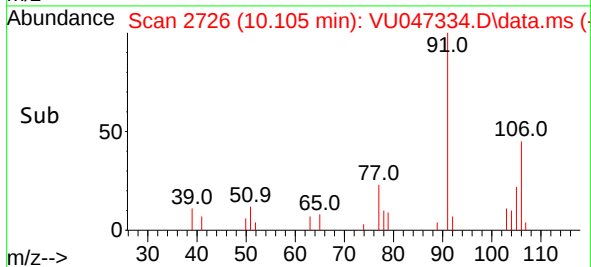
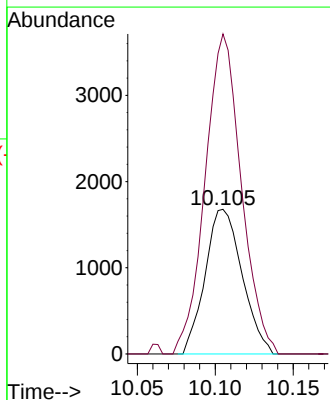
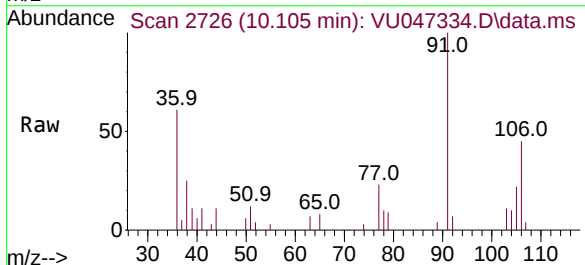
Instrument :
MSVOA_U
ClientSampleId :
BFY14

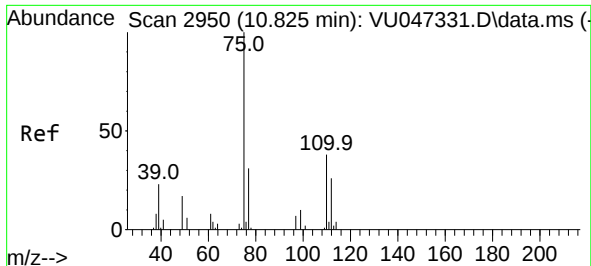
Tgt Ion:106 Resp: 4810
Ion Ratio Lower Upper
106 100
91 192.8 139.4 259.0



#54
o-Xylene
Concen: 0.138 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion:106 Resp: 2771
Ion Ratio Lower Upper
106 100
91 221.2 147.5 273.9

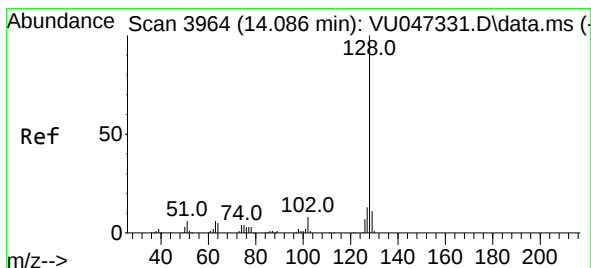
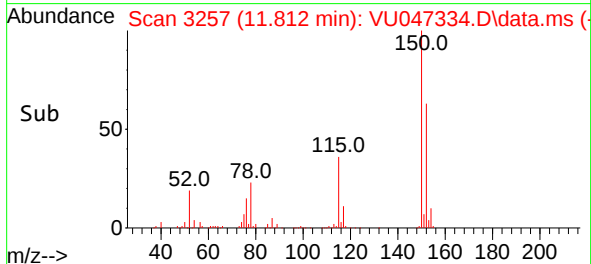
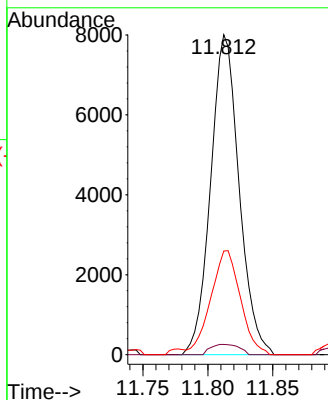
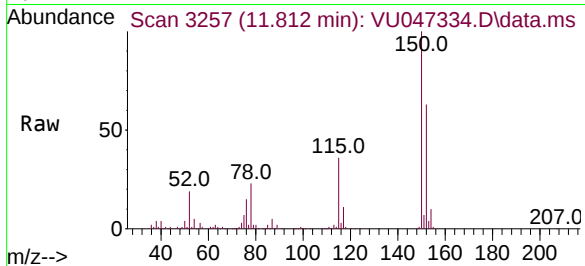




#61
1,2,3-Trichloropropane
Concen: 1.286 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
BFY14

Tgt Ion: 75 Resp: 12183
Ion Ratio Lower Upper
75 100
110 3.2 29.9 44.9#
77 33.9 25.5 38.3



#71
Naphthalene
Concen: 0.150 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU047334.D
Acq: 04 Mar 2022 17:07

Tgt Ion: 128 Resp: 6207
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 11.7 10.2 15.2

