

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047335.D
 Acq On : 04 Mar 2022 17:31
 Operator : SY/MD
 Sample : N1773-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15

Quant Time: Mar 04 23:23:41 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	6.279	114	178012	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.423	117	170725	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95799	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.613	65	67161	5.316	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 106.400%	
7) Chloroethane-d5	1.938	69	57812	5.485	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.600%	
11) 1,1-Dichloroethene-d2	2.584	65	30504	5.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 114.400%	
20) 2-Butanone-d5	4.745	46	196143	47.288	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	= 94.580%	
24) Chloroform-d	5.086	84	116240	4.979	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	= 99.600%	
26) 1,2-Dichloroethane-d4	5.742	65	65548	5.003	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	= 100.000%	
32) Benzene-d6	5.761	84	234463	4.876	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	= 97.600%	
36) 1,2-Dichloropropane-d6	6.719	67	76734	5.124	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	= 102.400%	
41) Toluene-d8	7.912	98	215879	4.755	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	= 95.200%	
43) trans-1,3-Dichloroprop...	8.195	79	33437	5.081	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	= 101.600%	
46) 2-Hexanone-d5	8.655	63	183716	49.052	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	= 98.100%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	73610	4.825	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 96.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	93614	4.987	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	947	0.111	ug/L #	29
12) 1,1-Dichloroethene	2.597	96	16836	1.930	ug/L #	42
13) Acetone	2.780	43	12875	7.690	ug/L #	1
15) Methyl Acetate	2.780	43	12875	3.356	ug/L #	51
17) Methyl tert-butyl Ether	3.404	73	10247	0.439	ug/L #	88
19) 1,1-Dichloroethane	3.883	63	18812	1.192	ug/L	98
22) cis-1,2-Dichloroethene	4.687	96	52233	5.064	ug/L	96
29) 1,1,1-Trichloroethane	5.337	97	5516	0.385	ug/L	97
34) Trichloroethene	6.568	95	184420	18.211	ug/L	93
35) Methylcyclohexane	6.719	83	17988	1.158	ug/L #	55
37) 1,2-Dichloropropane	6.719	63	8279	0.866	ug/L #	88
39) cis-1,3-Dichloropropene	7.584	75	2177	0.143	ug/L #	8
45) 1,1,2-Trichloroethane	8.565	97	1041	0.126	ug/L #	6
47) Tetrachloroethene	8.562	164	119433	13.844	ug/L	90
49) Dibromochloromethane	8.562	129	109246	11.235	ug/L #	10
60) Isopropylbenzene	11.475	105	2789	0.065	ug/L #	47
61) 1,2,3-Trichloropropane	11.812	75	10097	1.269	ug/L #	65

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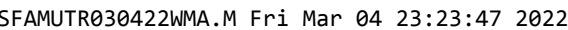
Instrument :
MSVOA_U
ClientSampleId :
BFY15

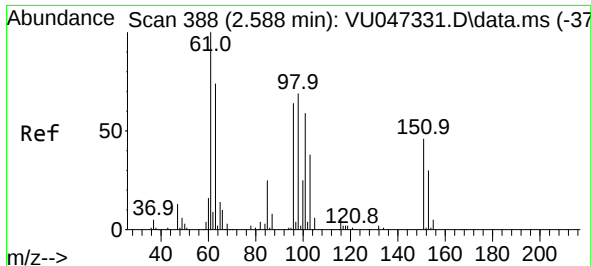
Quant Time: Mar 04 23:23:41 2022
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Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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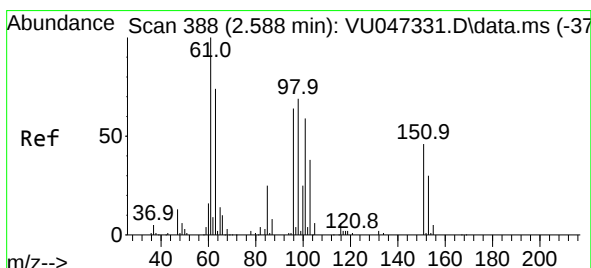
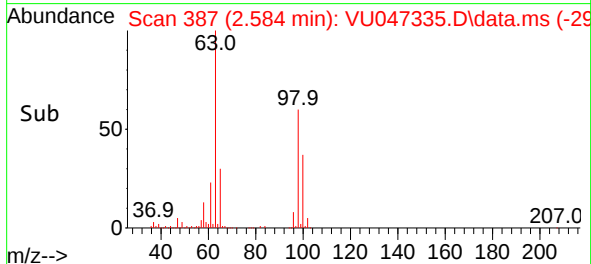
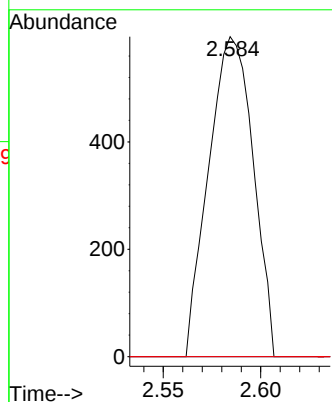
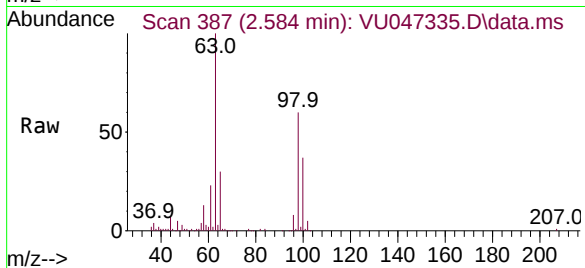




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.111 ug/L
RT: 2.584 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

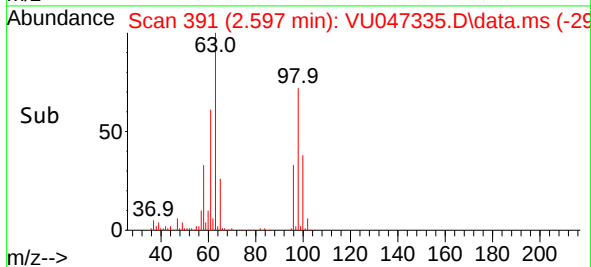
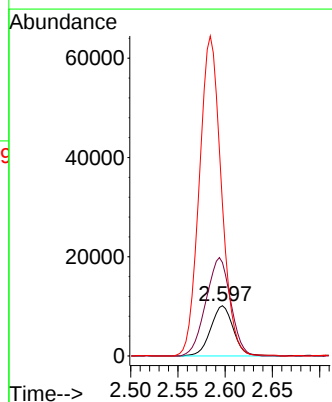
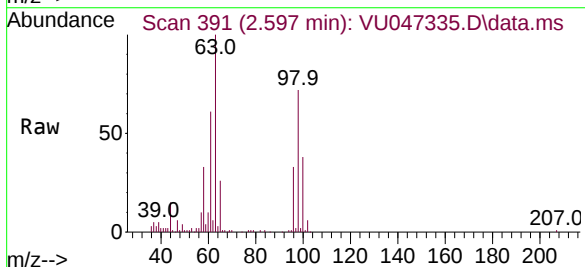
Instrument :
MSVOA_U
ClientSampleId :
BFY15

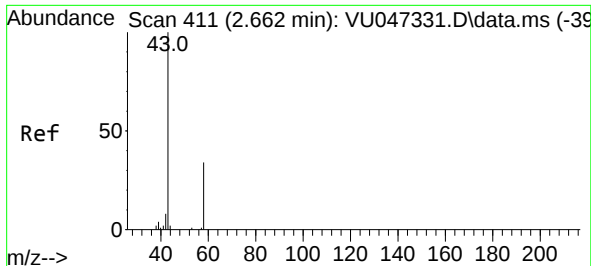
Tgt Ion:101 Resp: 947
Ion Ratio Lower Upper
101 100
85 12.7 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 1.930 ug/L
RT: 2.597 min Scan# 391
Delta R.T. 0.009 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

Tgt Ion: 96 Resp: 16836
Ion Ratio Lower Upper
96 100
61 186.0 124.7 231.5
63 302.5 105.2 195.4#

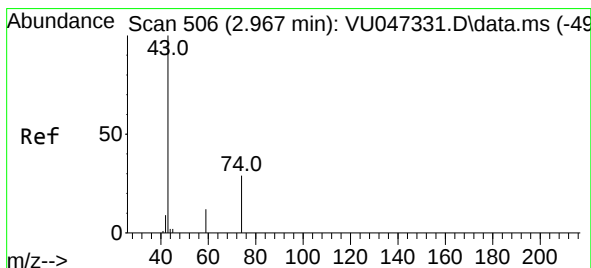
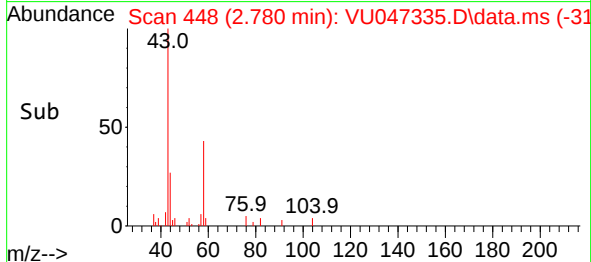
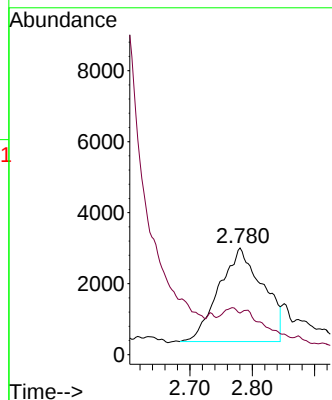
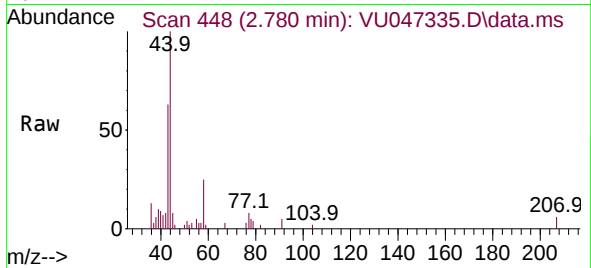




#13
Acetone
Concen: 7.690 ug/L
RT: 2.780 min Scan# 448
Delta R.T. 0.119 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

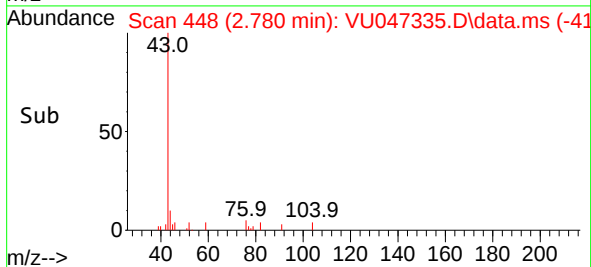
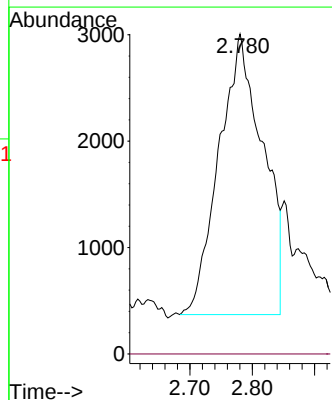
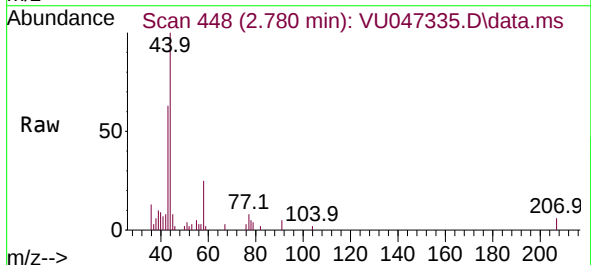
Instrument :
MSVOA_U
ClientSampleId :
BFY15

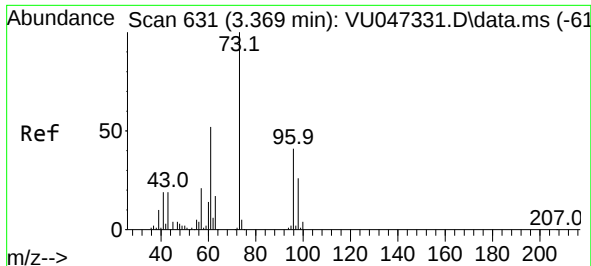
Tgt Ion: 43 Resp: 12875
Ion Ratio Lower Upper
43 100
58 298.4 0.0 71.6#



#15
Methyl Acetate
Concen: 3.356 ug/L
RT: 2.780 min Scan# 448
Delta R.T. -0.187 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

Tgt Ion: 43 Resp: 12875
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#17

Methyl tert-butyl Ether

Concen: 0.439 ug/L

RT: 3.404 min Scan# 64

Delta R.T. 0.035 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

BFY15

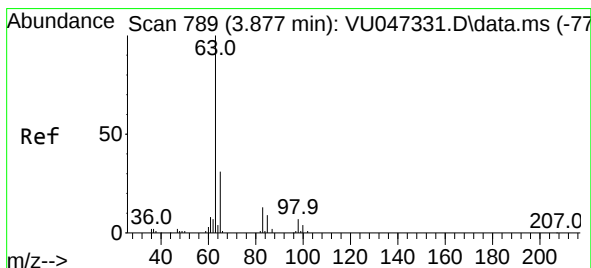
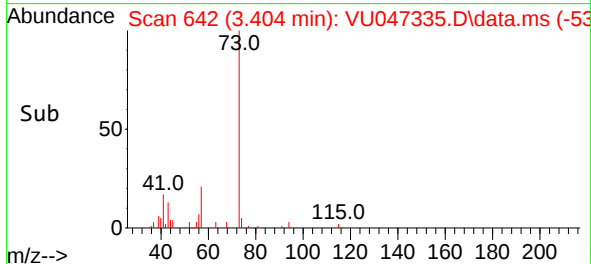
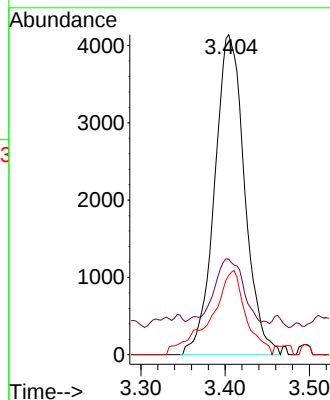
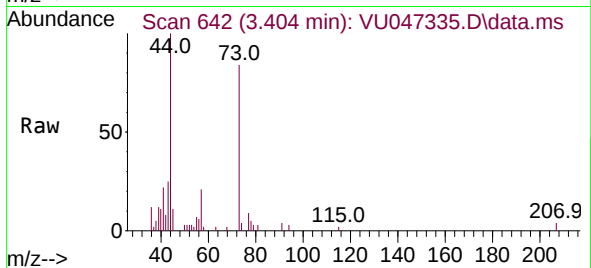
Tgt Ion: 73 Resp: 10247

Ion Ratio Lower Upper

73 100

43 19.6 14.8 22.2

57 30.8 17.4 26.0#



#19

1,1-Dichloroethane

Concen: 1.192 ug/L

RT: 3.883 min Scan# 791

Delta R.T. 0.006 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

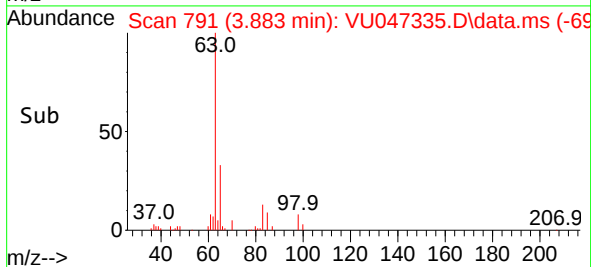
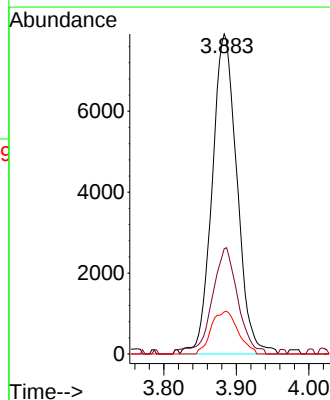
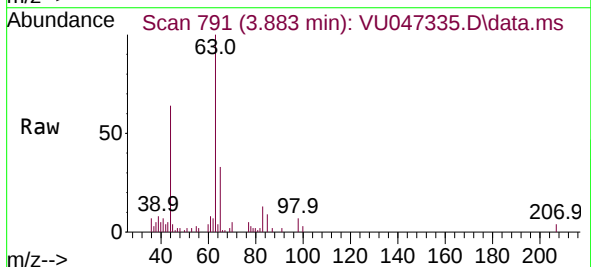
Tgt Ion: 63 Resp: 18812

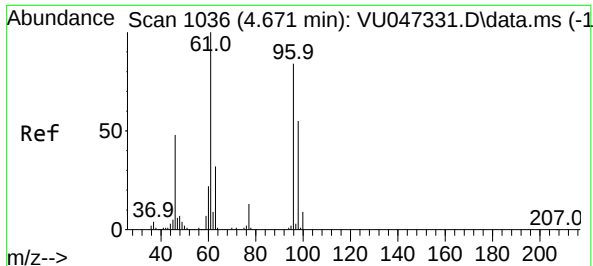
Ion Ratio Lower Upper

63 100

65 32.9 22.3 41.5

83 13.2 9.6 17.8

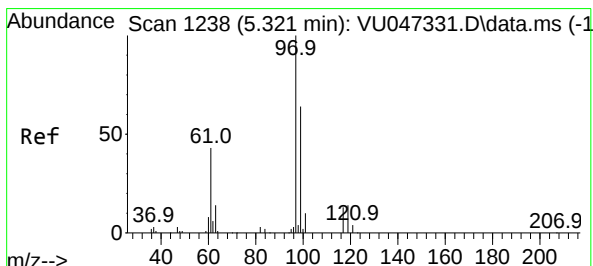
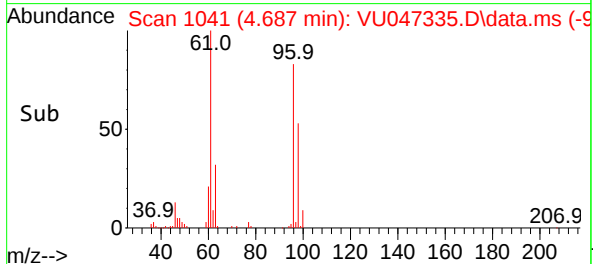
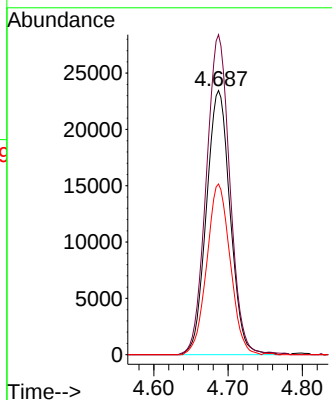
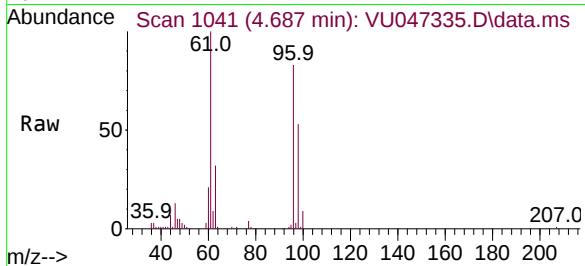




#22
 cis-1,2-Dichloroethene
 Concen: 5.064 ug/L
 RT: 4.687 min Scan# 1041
 Delta R.T. 0.016 min
 Lab File: VU047335.D
 Acq: 04 Mar 2022 17:31

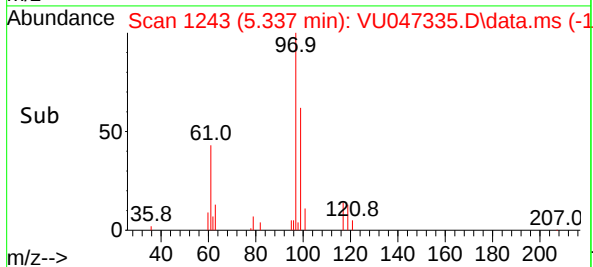
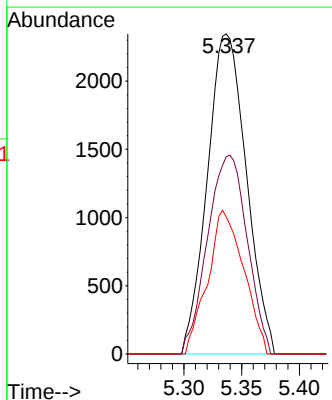
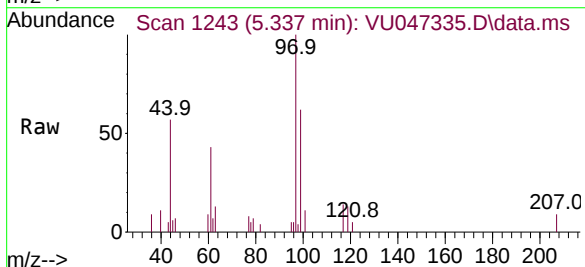
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15

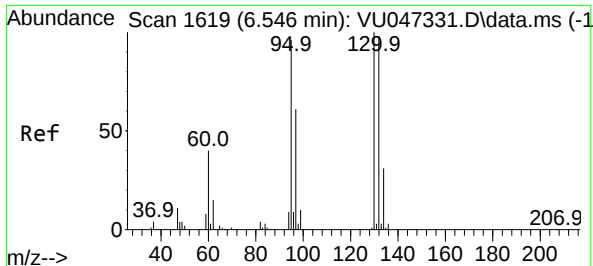
Tgt Ion: 96 Resp: 52233
 Ion Ratio Lower Upper
 96 100
 61 121.1 88.5 164.3
 98 64.6 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.385 ug/L
 RT: 5.337 min Scan# 1243
 Delta R.T. 0.016 min
 Lab File: VU047335.D
 Acq: 04 Mar 2022 17:31

Tgt Ion: 97 Resp: 5516
 Ion Ratio Lower Upper
 97 100
 99 63.1 51.3 76.9
 61 41.5 36.1 54.1





#34

Trichloroethene

Concen: 18.211 ug/L

RT: 6.568 min Scan# 1

Delta R.T. 0.022 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

BFY15

Tgt Ion: 95 Resp: 184420

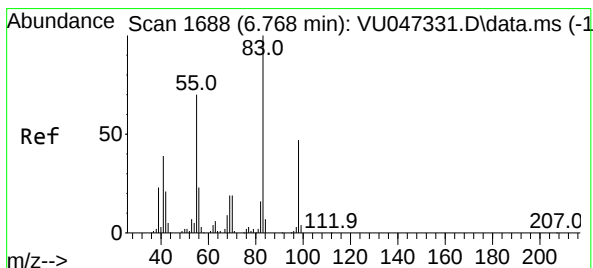
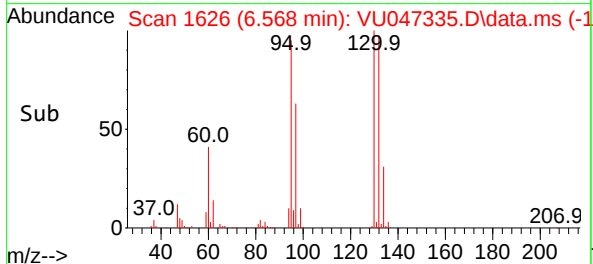
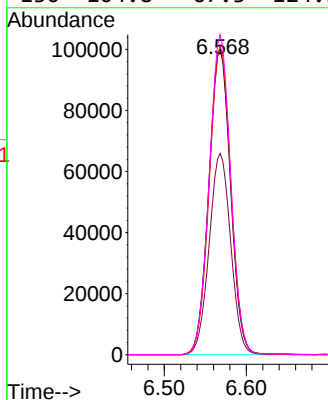
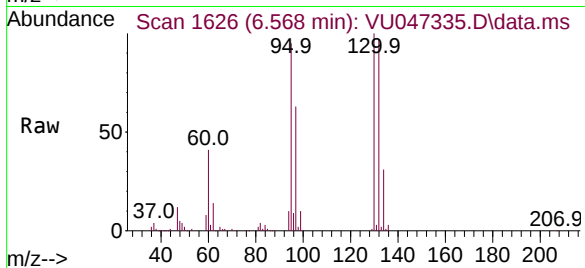
Ion Ratio Lower Upper

95 100

97 65.9 46.5 86.5

132 101.2 65.1 120.9

130 104.8 67.3 124.9



#35

Methylcyclohexane

Concen: 1.158 ug/L

RT: 6.719 min Scan# 1673

Delta R.T. -0.048 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

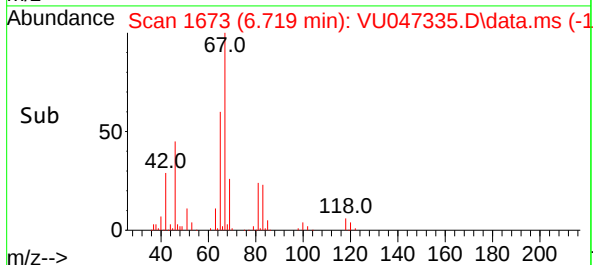
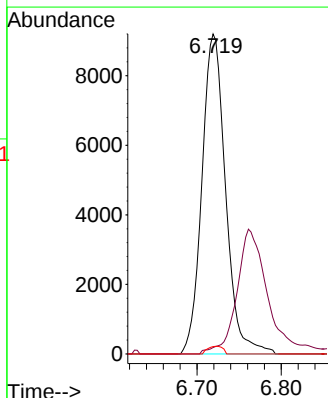
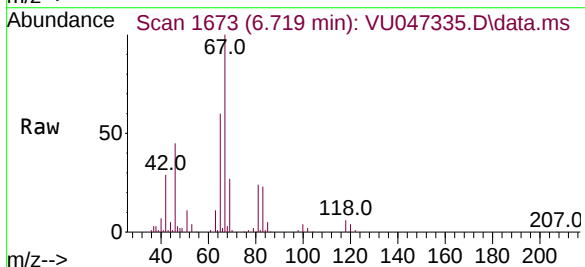
Tgt Ion: 83 Resp: 17988

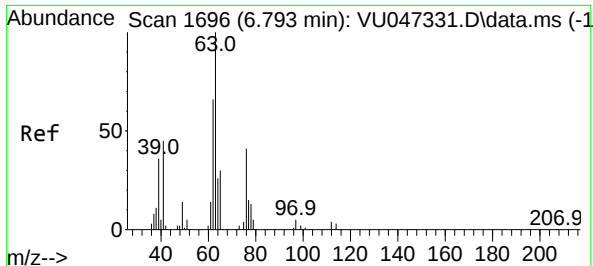
Ion Ratio Lower Upper

83 100

55 51.3 61.9 92.9#

98 1.5 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.866 ug/L

RT: 6.719 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

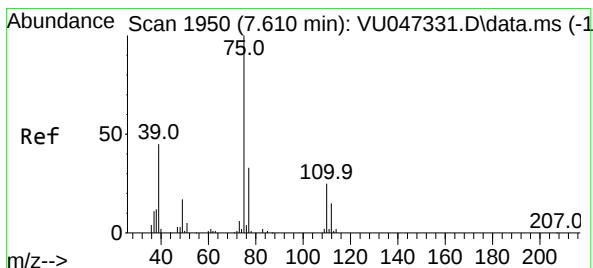
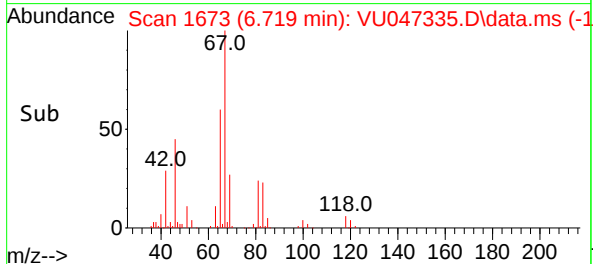
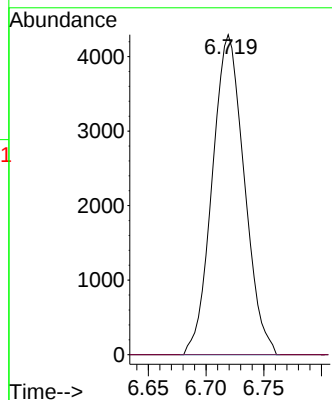
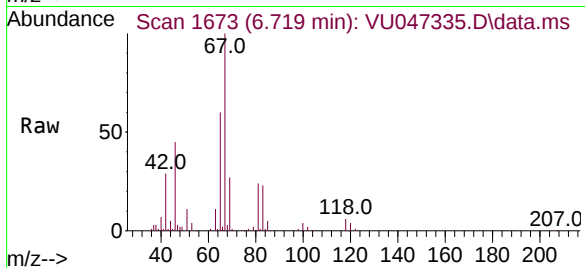
BFY15

Tgt Ion: 63 Resp: 8279

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.143 ug/L

RT: 7.584 min Scan# 1942

Delta R.T. -0.026 min

Lab File: VU047335.D

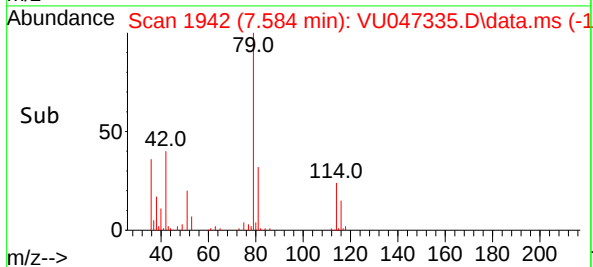
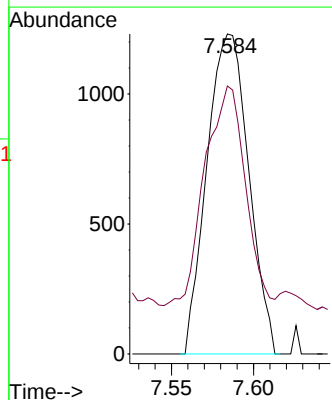
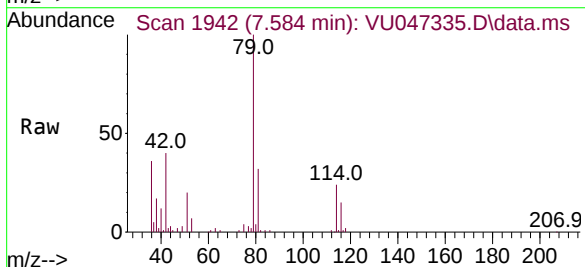
Acq: 04 Mar 2022 17:31

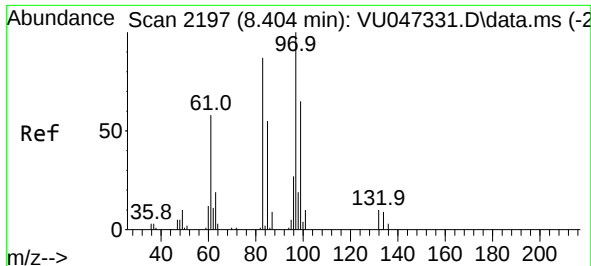
Tgt Ion: 75 Resp: 2177

Ion Ratio Lower Upper

75 100

77 83.8 22.5 41.9#

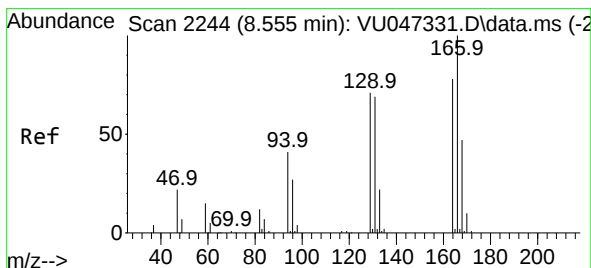
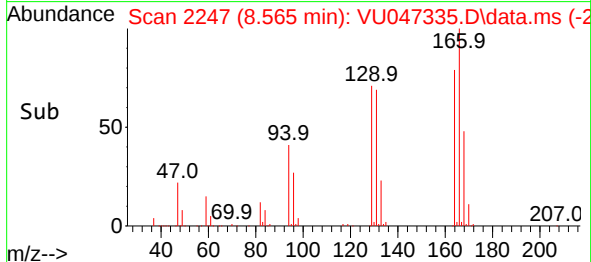
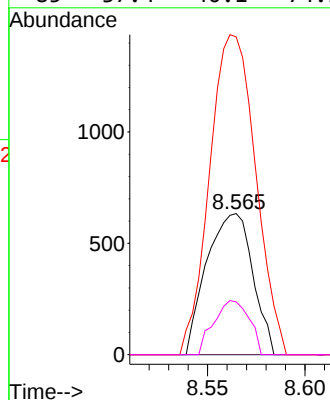
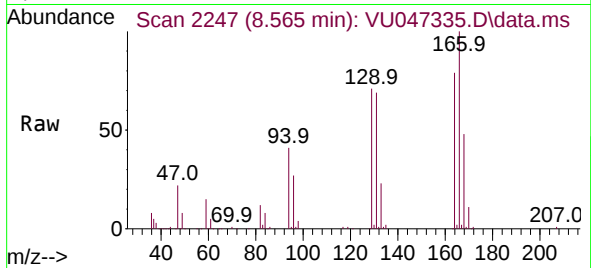




#45
1,1,2-Trichloroethane
Concen: 0.126 ug/L
RT: 8.565 min Scan# 2197
Delta R.T. 0.161 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

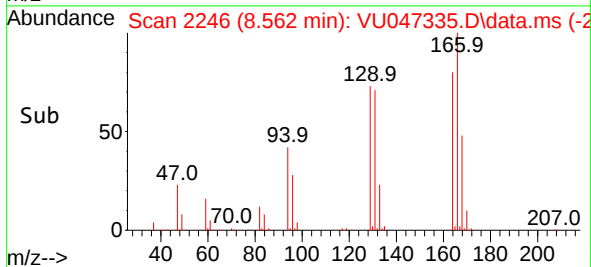
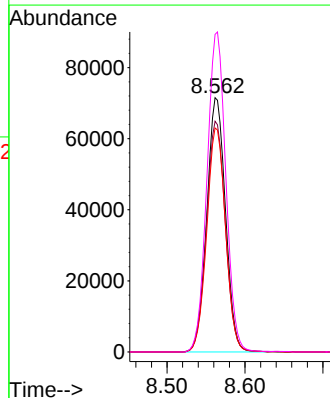
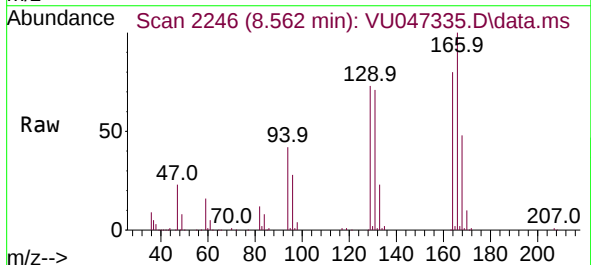
Instrument :
MSVOA_U
ClientSampleId :
BFY15

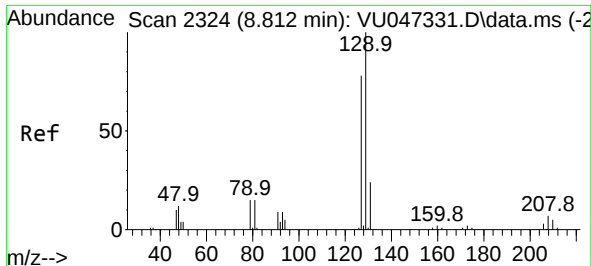
Tgt Ion: 97	Resp:	1041
Ion Ratio	Lower	Upper
97	100	
99	0.0	42.3 78.5#
83	225.1	62.0 115.2#
85	37.4	40.1 74.5#



#47
Tetrachloroethene
Concen: 13.844 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.006 min
Lab File: VU047335.D
Acq: 04 Mar 2022 17:31

Tgt Ion: 164	Resp:	119433
Ion Ratio	Lower	Upper
164	100	
129	90.7	71.8 133.4
131	88.1	68.5 127.3
166	124.9	94.1 174.8





#49

Dibromochloromethane

Concen: 11.235 ug/L

RT: 8.562 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

Instrument :

MSVOA_U

ClientSampleId :

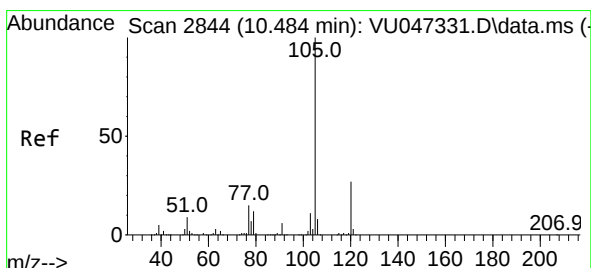
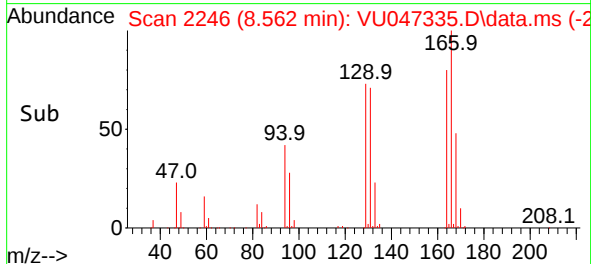
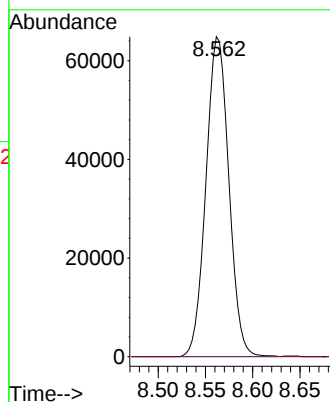
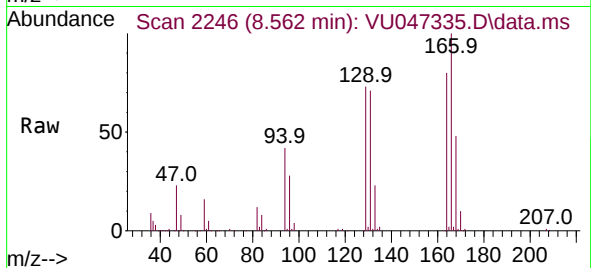
BFY15

Tgt Ion:129 Resp: 109246

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#60

Isopropylbenzene

Concen: 0.065 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.990 min

Lab File: VU047335.D

Acq: 04 Mar 2022 17:31

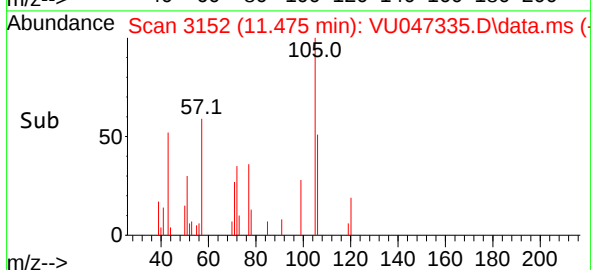
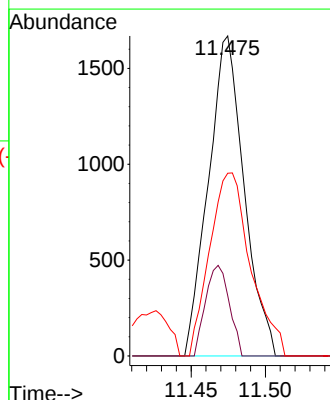
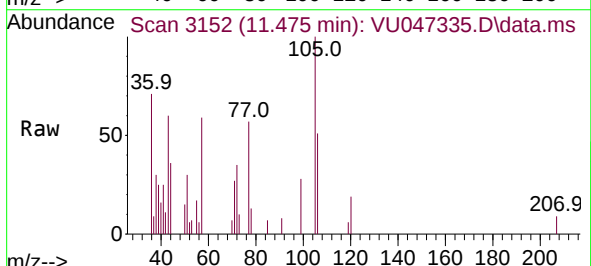
Tgt Ion:105 Resp: 2789

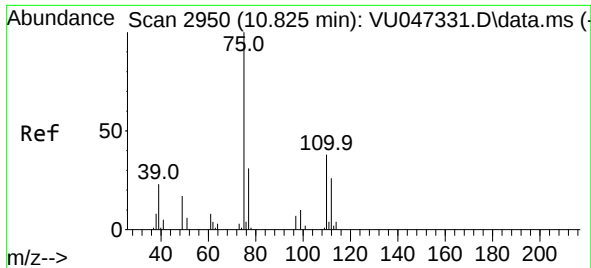
Ion Ratio Lower Upper

105 100

120 18.9 20.7 31.1#

77 65.6 12.6 19.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.269 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047335.D
 Acq: 04 Mar 2022 17:31

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY15

Tgt Ion: 75 Resp: 10097
 Ion Ratio Lower Upper
 75 100
 110 2.2 29.9 44.9#
 77 36.1 25.5 38.3

