

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
 Data File : VU047359.D
 Acq On : 07 Mar 2022 11:59
 Operator : SY/MD
 Sample : N1773-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17

Quant Time: Mar 07 13:10:34 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	6.253	114	199845	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	186218	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	101289	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	58182	4.102	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.000%
7) Chloroethane-d5	1.919	69	55118	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.571	65	25434	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.642	46	183311	39.366	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.740%
24) Chloroform-d	5.070	84	124442	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.706	65	69356	4.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.732	84	249221	4.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.694	67	79404	4.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.902	98	224620	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.182	79	33413	4.655	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.636	63	193203	47.293	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	75792	4.554	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	99694	5.023	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	7306	0.551	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	1162	0.121	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	162914	16.632	ug/L #	66
17) Methyl tert-butyl Ether	3.369	73	50502	1.925	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	3843	0.361	ug/L	90
19) 1,1-Dichloroethane	3.877	63	64399	3.636	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	541095	46.724	ug/L	95
25) Chloroform	5.096	83	23131	1.194	ug/L	98
27) 1,2-Dichloroethane	5.800	62	2084	0.160	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	75551	4.831	ug/L	97
31) Carbon tetrachloride	5.324	117	10631	0.787	ug/L	97
33) Benzene	5.780	78	4020	0.096	ug/L	100
34) Trichloroethene	6.546	95	3757537	340.178	ug/L	95
35) Methylcyclohexane	6.694	83	18796	1.110	ug/L #	27
37) 1,2-Dichloropropane	6.694	63	8343	0.800	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	2342	0.142	ug/L #	62
47) Tetrachloroethene	8.558	164	1526088	162.182	ug/L	93
49) Dibromochloromethane	8.555	129	1421585	134.031	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	11135	1.324	ug/L #	68

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030722\
Data File : VU047359.D
Acq On : 07 Mar 2022 11:59
Operator : SY/MD
Sample : N1773-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

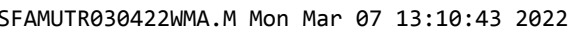
Instrument :
MSVOA_U
ClientSampleId :
BFY17

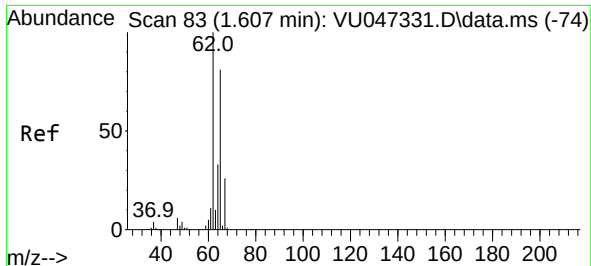
Quant Time: Mar 07 13:10:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Mar 04 23:20:39 2022
Response via : Initial Calibration

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

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

Quant Time: Mar 07 13:10:34 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

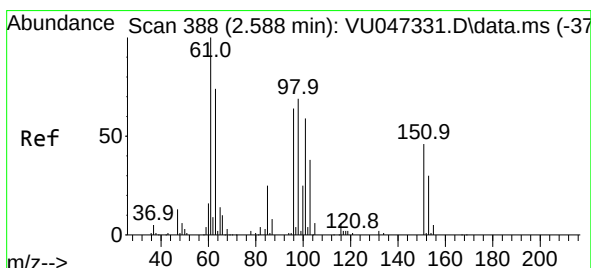
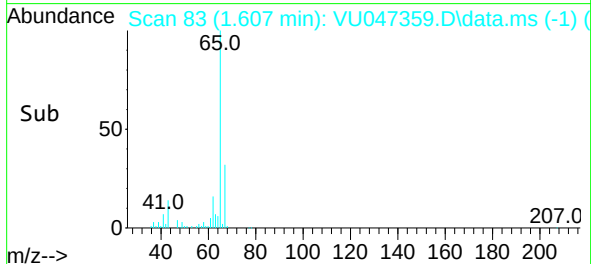
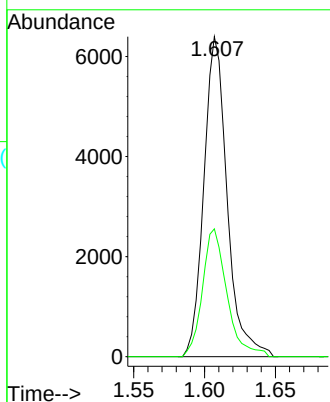
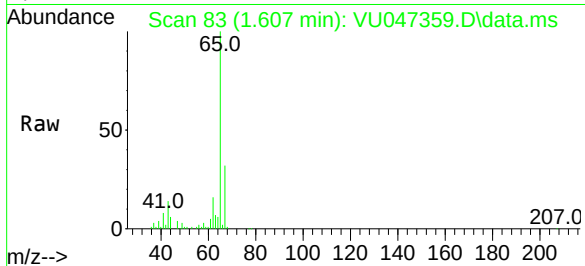




#5
 Vinyl chloride
 Concen: 0.551 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

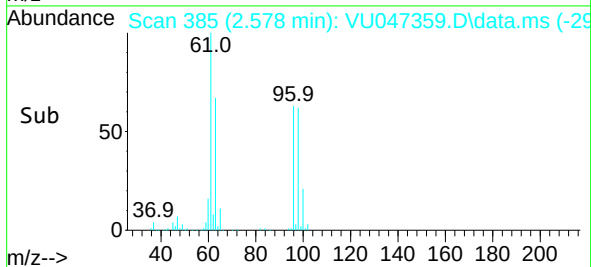
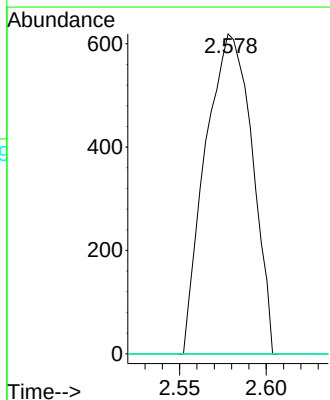
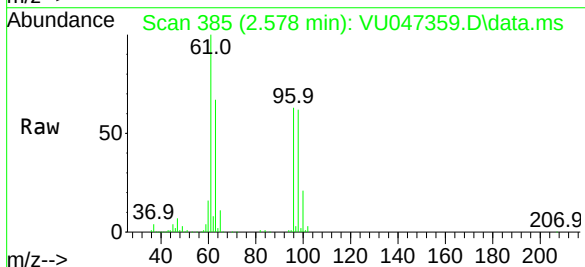
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17

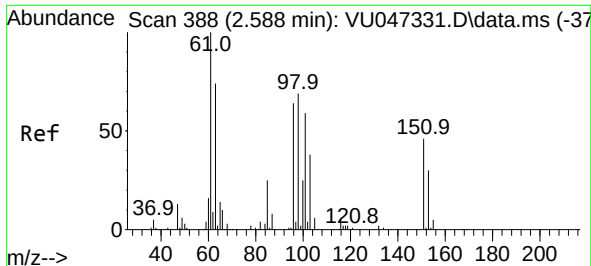
Tgt Ion: 62 Resp: 7306
 Ion Ratio Lower Upper
 62 100
 64 40.0 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.121 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.010 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

Tgt Ion: 101 Resp: 1162
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 16.632 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

BFY17

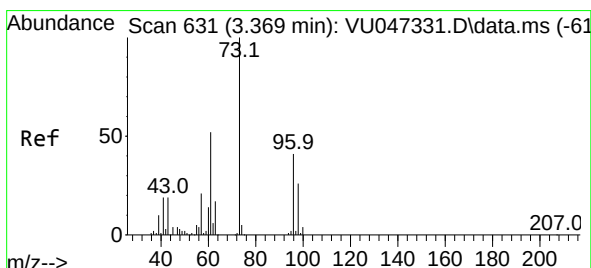
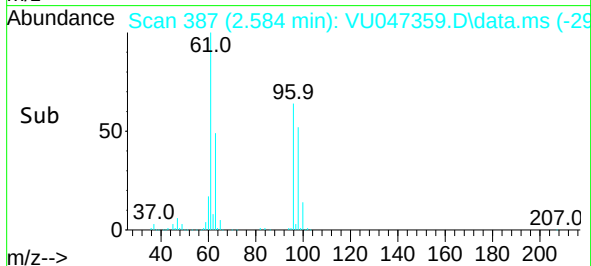
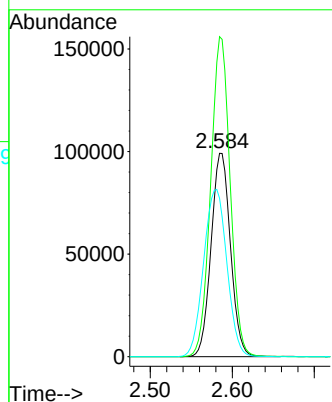
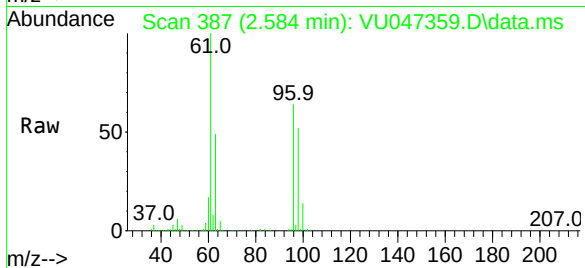
Tgt Ion: 96 Resp: 162914

Ion Ratio Lower Upper

96 100

61 157.3 124.7 231.5

63 77.8 105.2 195.4#



#17

Methyl tert-butyl Ether

Concen: 1.925 ug/L

RT: 3.369 min Scan# 631

Delta R.T. -0.000 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

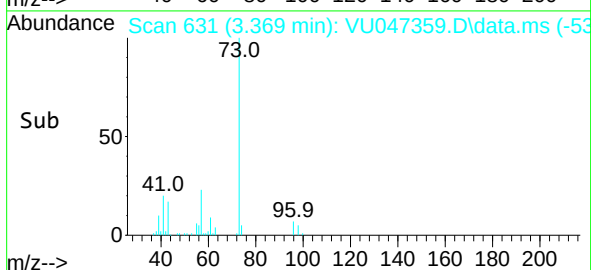
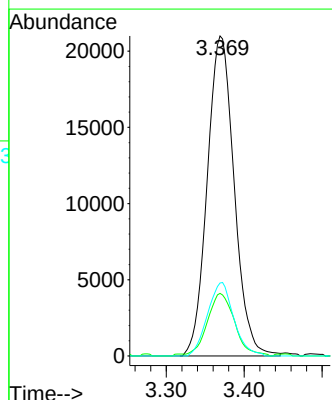
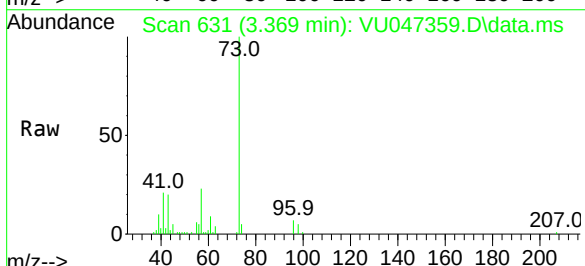
Tgt Ion: 73 Resp: 50502

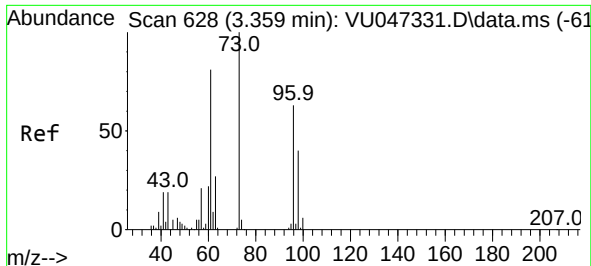
Ion Ratio Lower Upper

73 100

43 19.7 14.8 22.2

57 22.3 17.4 26.0

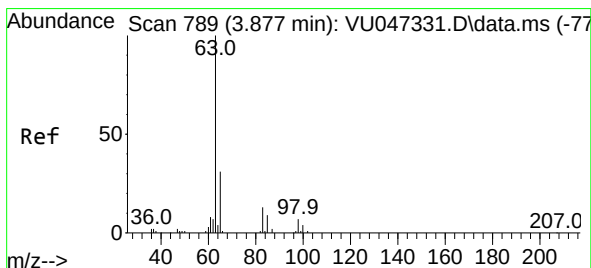
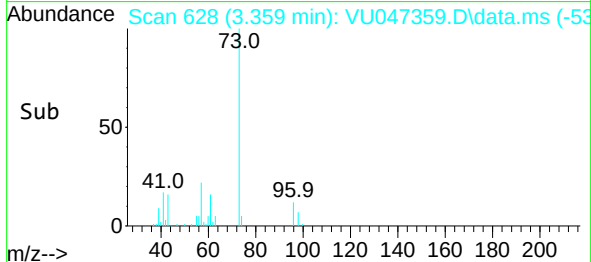
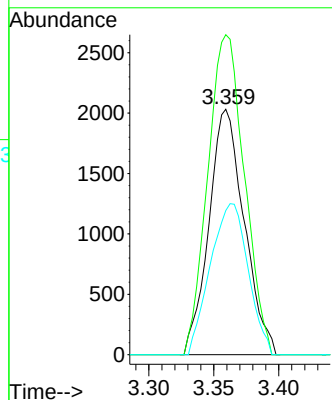
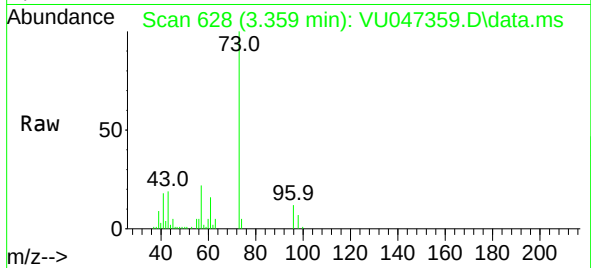




#18
trans-1,2-Dichloroethene
Concen: 0.361 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

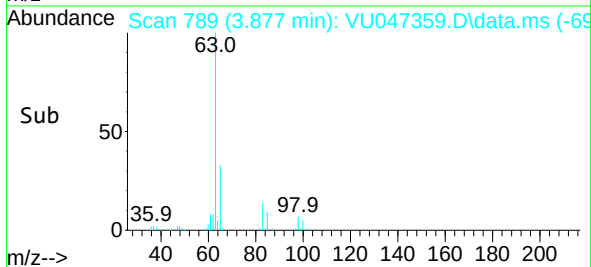
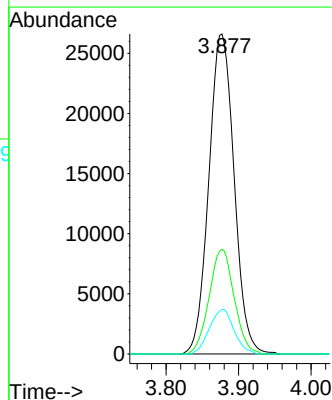
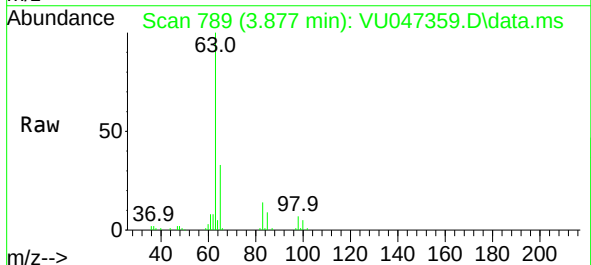
Instrument :
MSVOA_U
ClientSampleId :
BFY17

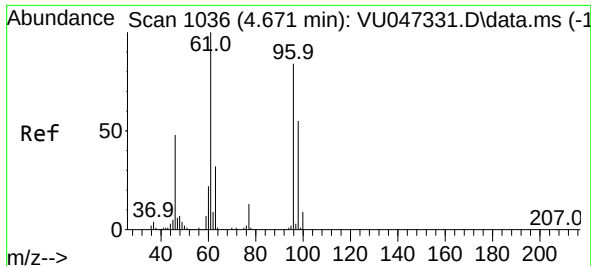
Tgt Ion: 96 Resp: 3843
Ion Ratio Lower Upper
96 100
61 130.4 100.8 187.2
98 58.8 45.1 83.7



#19
1,1-Dichloroethane
Concen: 3.636 ug/L
RT: 3.877 min Scan# 789
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 63 Resp: 64399
Ion Ratio Lower Upper
63 100
65 32.7 22.3 41.5
83 13.9 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 46.724 ug/L

RT: 4.671 min Scan# 110

Delta R.T. -0.000 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

BFY17

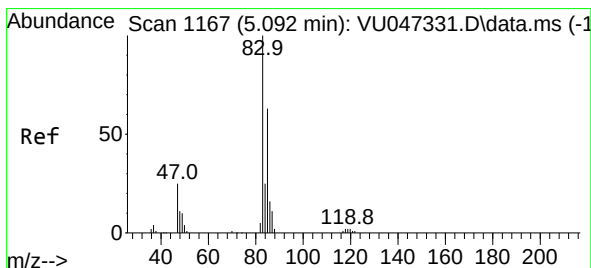
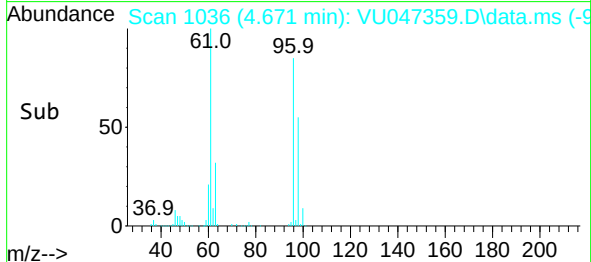
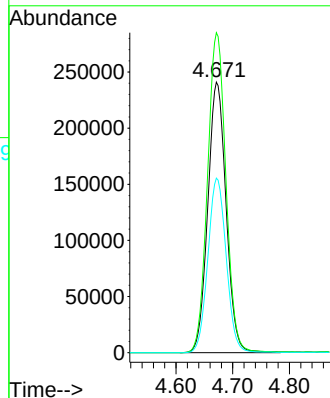
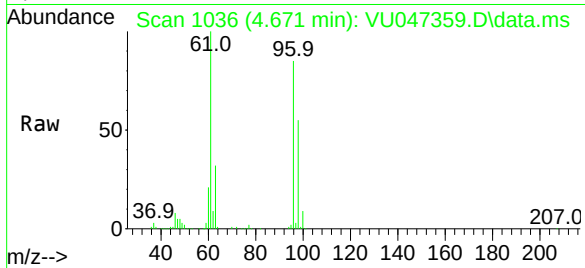
Tgt Ion: 96 Resp: 541095

Ion Ratio Lower Upper

96 100

61 118.3 88.5 164.3

98 64.5 44.4 82.5



#25

Chloroform

Concen: 1.194 ug/L

RT: 5.096 min Scan# 1168

Delta R.T. 0.003 min

Lab File: VU047359.D

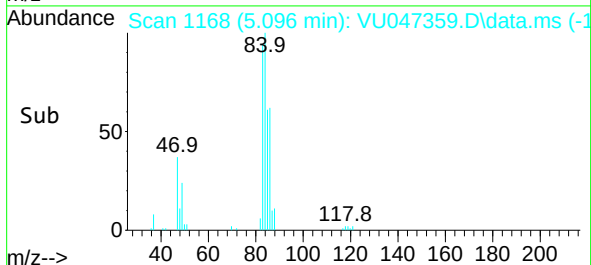
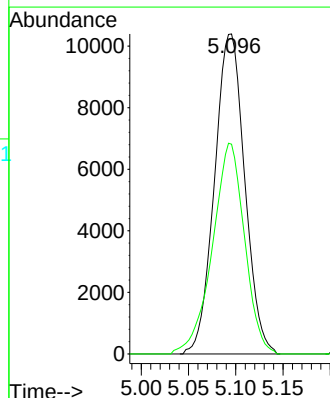
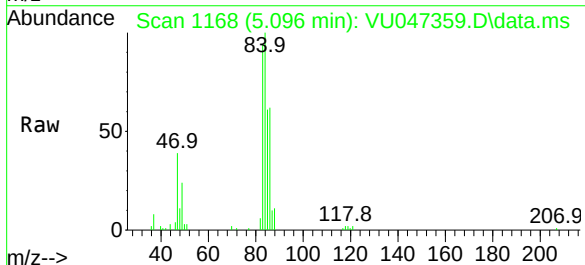
Acq: 07 Mar 2022 11:59

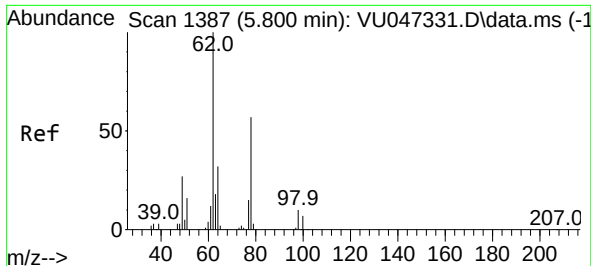
Tgt Ion: 83 Resp: 23131

Ion Ratio Lower Upper

83 100

85 65.5 46.9 87.1

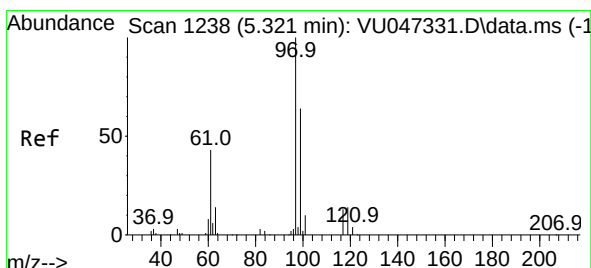
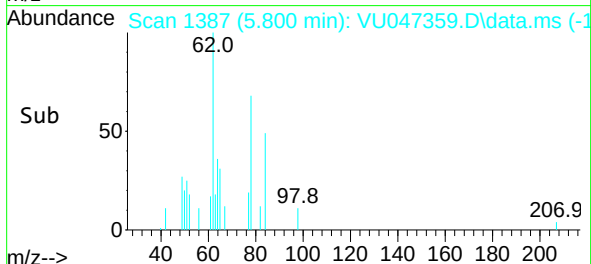
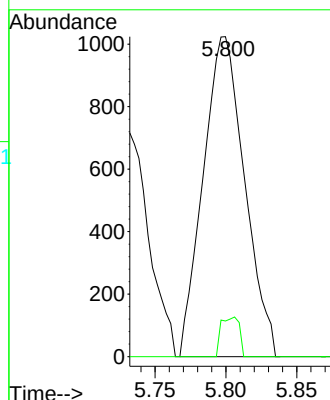
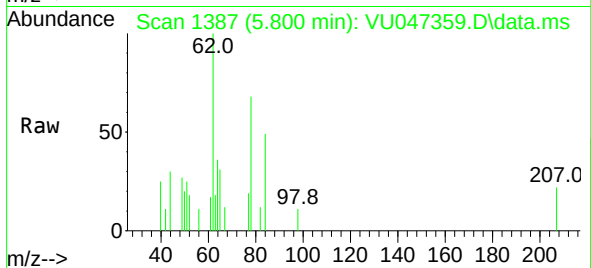




#27
1,2-Dichloroethane
Concen: 0.160 ug/L
RT: 5.800 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

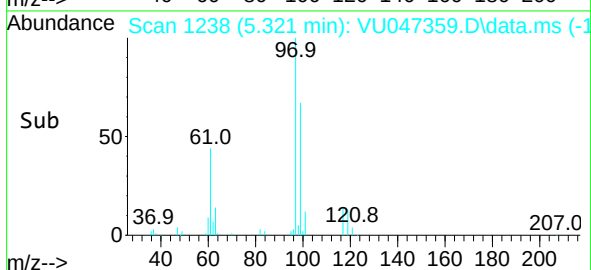
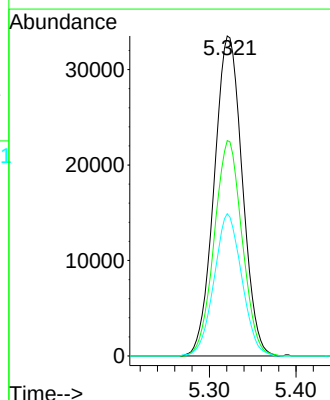
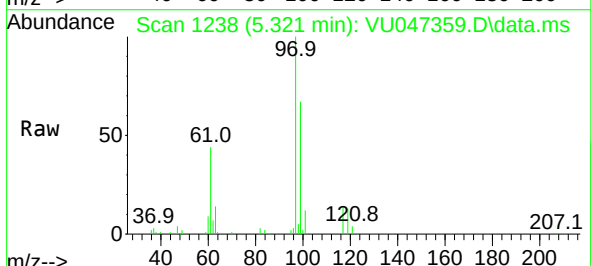
Instrument :
MSVOA_U
ClientSampleId :
BFY17

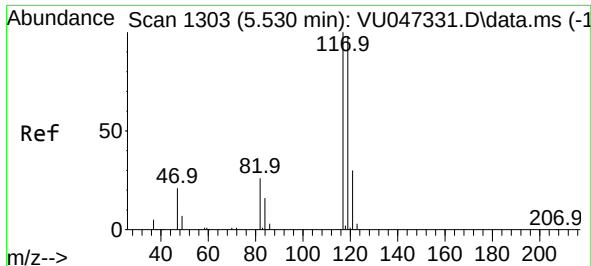
Tgt Ion: 62 Resp: 2084
Ion Ratio Lower Upper
62 100
98 11.1 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 4.831 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 97 Resp: 75551
Ion Ratio Lower Upper
97 100
99 66.8 51.3 76.9
61 43.7 36.1 54.1

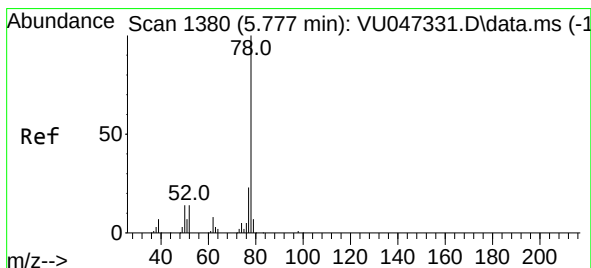
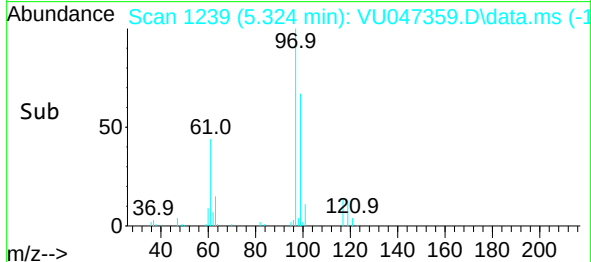
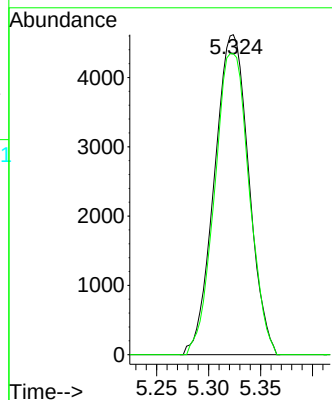
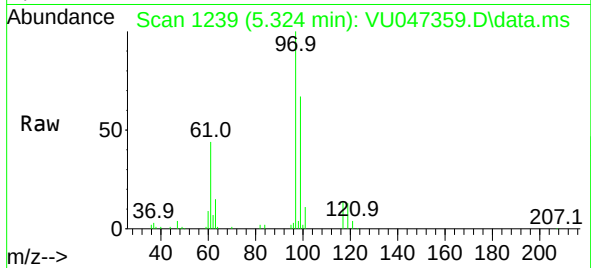




#31
Carbon tetrachloride
Concen: 0.787 ug/L
RT: 5.324 min Scan# 11
Delta R.T. -0.206 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

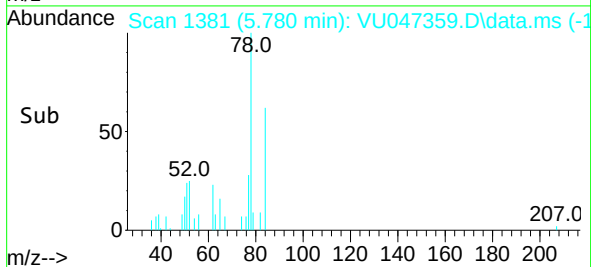
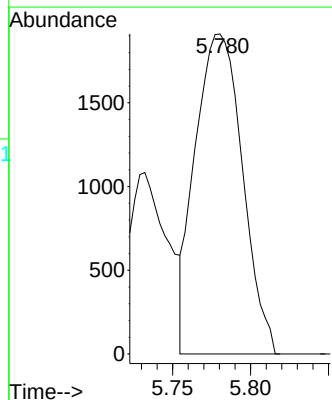
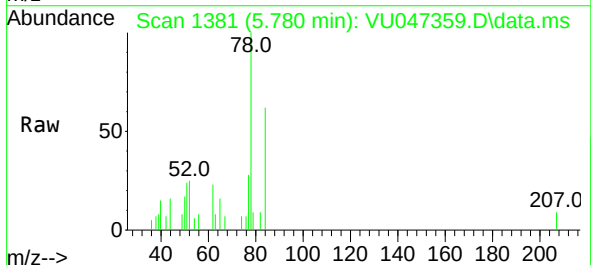
Instrument :
MSVOA_U
ClientSampleId :
BFY17

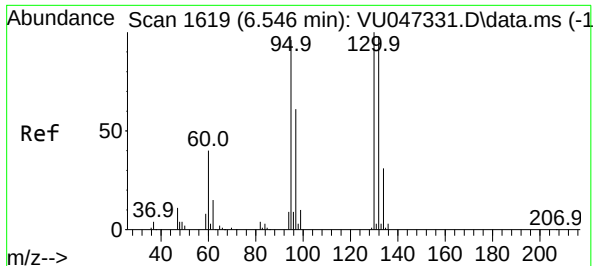
Tgt Ion:117 Resp: 10631
Ion Ratio Lower Upper
117 100
119 94.4 77.5 116.3



#33
Benzene
Concen: 0.096 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. 0.003 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 78 Resp: 4020



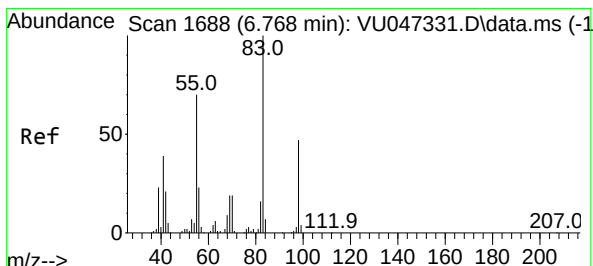
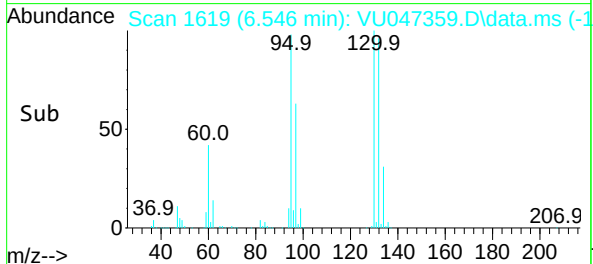
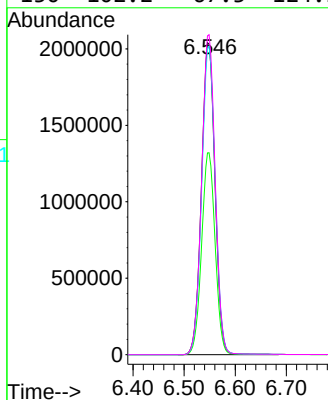
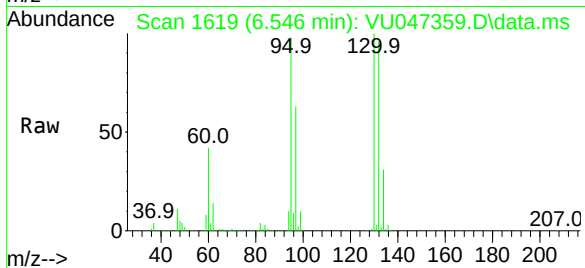


#34
Trichloroethene
Concen: 340.178 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Instrument :
MSVOA_U
ClientSampleId :
BFY17

Tgt Ion: 95 Resp: 3757537

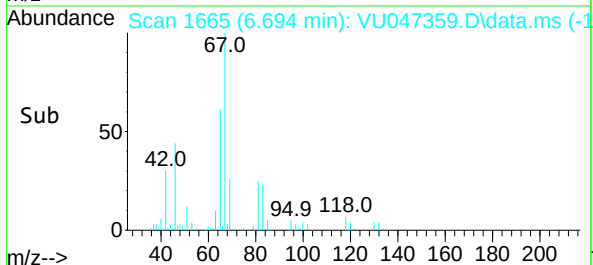
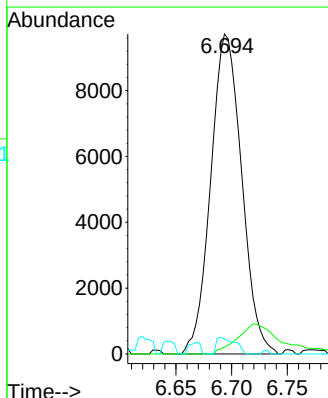
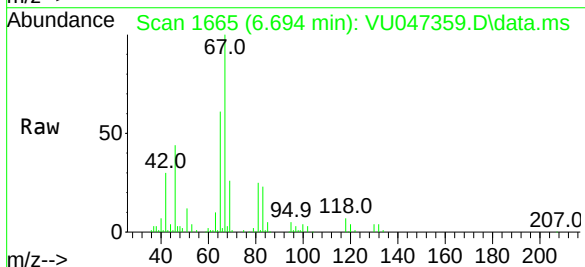
Ion	Ratio	Lower	Upper
95	100		
97	64.7	46.5	86.5
132	98.0	65.1	120.9
130	102.2	67.3	124.9

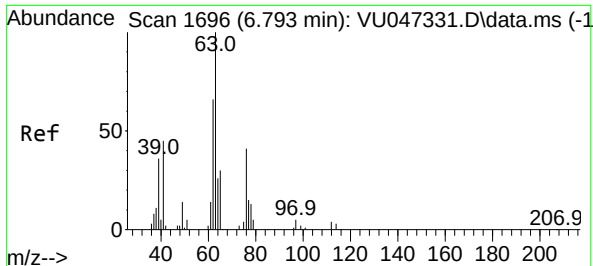


#35
Methylcyclohexane
Concen: 1.110 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

Tgt Ion: 83 Resp: 18796

Ion	Ratio	Lower	Upper
83	100		
55	13.4	61.9	92.9#
98	0.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.800 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047359.D

Acq: 07 Mar 2022 11:59

Instrument :

MSVOA_U

ClientSampleId :

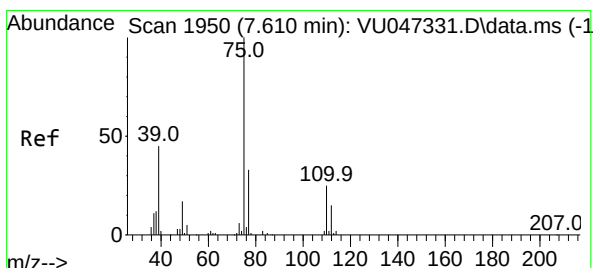
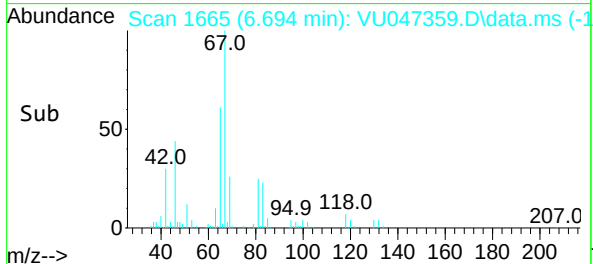
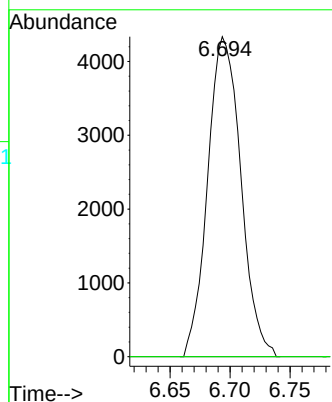
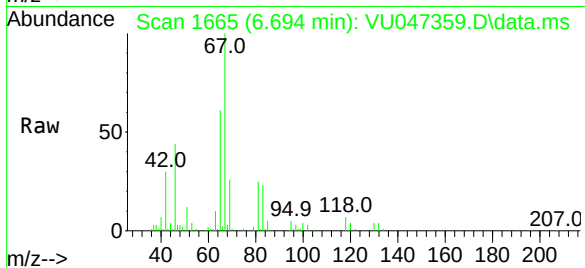
BFY17

Tgt Ion: 63 Resp: 8343

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.142 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047359.D

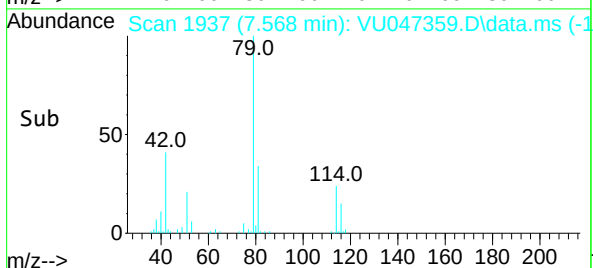
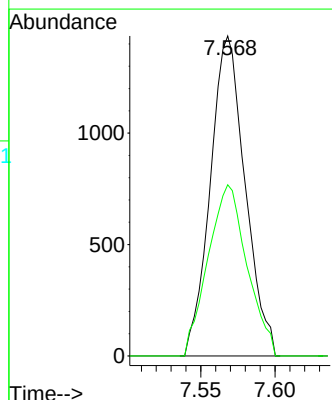
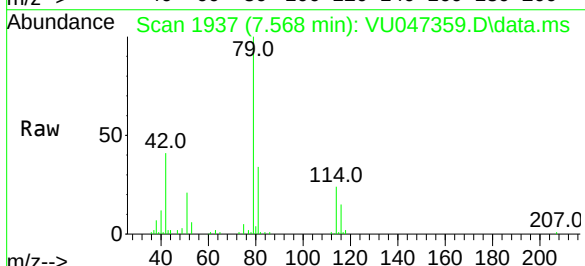
Acq: 07 Mar 2022 11:59

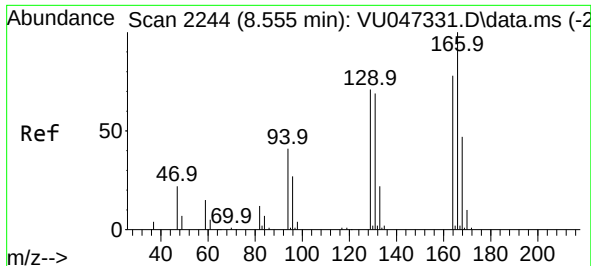
Tgt Ion: 75 Resp: 2342

Ion Ratio Lower Upper

75 100

77 53.5 22.5 41.9#

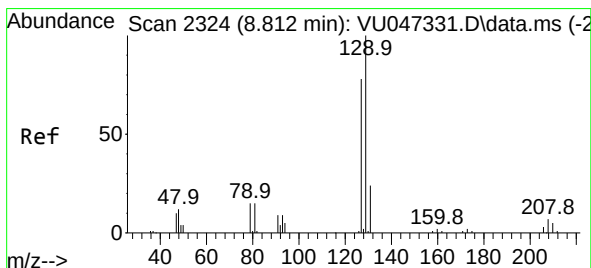
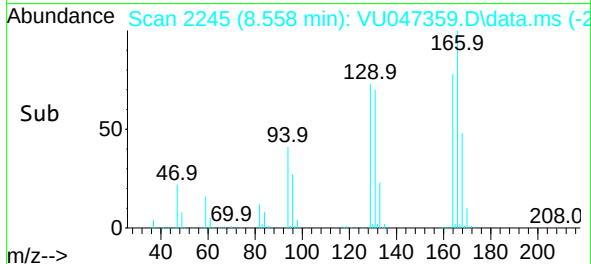
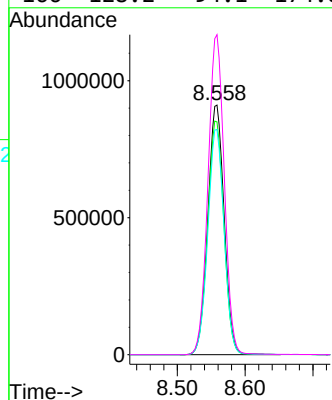
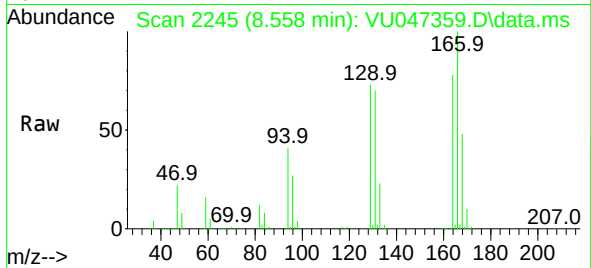




#47
Tetrachloroethene
Concen: 162.182 ug/L
RT: 8.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

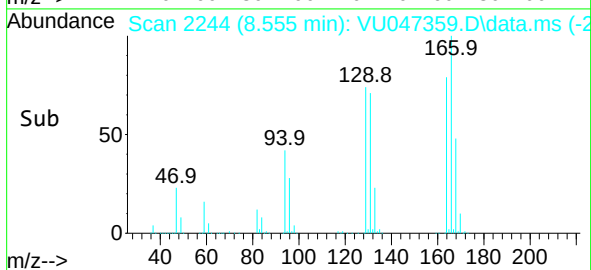
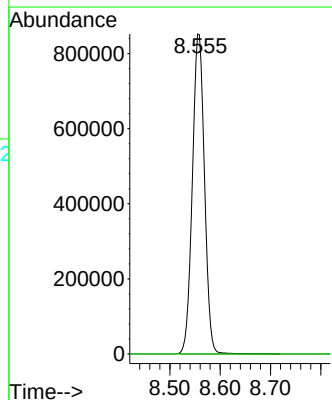
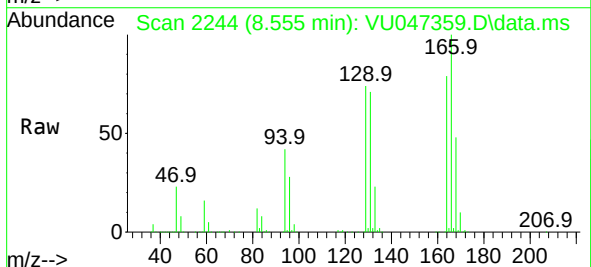
Instrument :
MSVOA_U
ClientSampleId :
BFY17

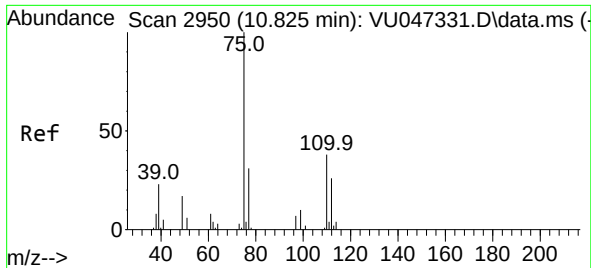
Tgt Ion:164 Resp: 1526088
Ion Ratio Lower Upper
164 100
129 93.3 71.8 133.4
131 90.2 68.5 127.3
166 128.2 94.1 174.8



#49
Dibromochloromethane
Concen: 134.031 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU047359.D
Acq: 07 Mar 2022 11:59

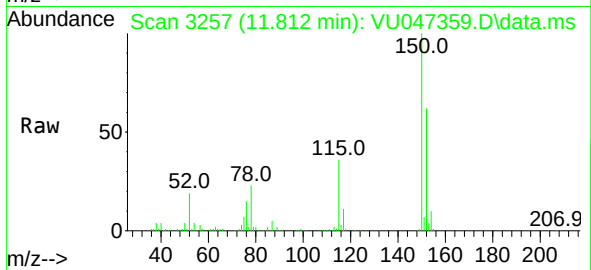
Tgt Ion:129 Resp: 1421585
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.324 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047359.D
 Acq: 07 Mar 2022 11:59

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY17



Tgt Ion:	75	Resp:	11135
Ion	Ratio	Lower	Upper
75	100		
110	2.5	29.9	44.9#
77	33.0	25.5	38.3

