

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047415.D
 Acq On : 09 Mar 2022 19:32
 Operator : SY/MD
 Sample : N1840-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFY24

Quant Time: Mar 10 01:07:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.295	114	172206	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.427	117	161733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	86461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.617	65	48681	5.212	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%
7) Chloroethane-d5	1.941	69	36197	5.279	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.591	65	22591	5.476	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.600%
20) 2-Butanone-d5	4.742	46	97223	58.468	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.940%
24) Chloroform-d	5.096	84	70662	4.749	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.755	65	36512	4.846	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.774	84	152558	5.015	ug/L	0.04
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.732	67	45403	5.045	ug/L	0.04
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.919	98	146709	4.906	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.198	79	18243	4.774	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.658	63	90784	53.933	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.860%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39676	5.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	56640	5.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.600	101	1141	0.111	ug/L #	21
12) 1,1-Dichloroethene	2.604	96	160308	15.855	ug/L	87
15) Methyl Acetate	2.797	43	9494	2.352	ug/L #	50
19) 1,1-Dichloroethane	3.893	63	588005	31.939	ug/L	98
22) cis-1,2-Dichloroethene	4.684	96	935	0.078	ug/L	89
25) Chloroform	5.121	83	12223	0.613	ug/L	97
27) 1,2-Dichloroethane	5.848	62	13871	1.081	ug/L	99
29) 1,1,1-Trichloroethane	5.350	97	102828	6.154	ug/L	99
31) Carbon tetrachloride	5.350	117	14160	0.965	ug/L	96
34) Trichloroethene	6.581	95	61234	5.244	ug/L	97
35) Methylcyclohexane	6.732	83	10669	0.579	ug/L #	41
37) 1,2-Dichloropropane	6.835	63	1359	0.125	ug/L #	88
45) 1,1,2-Trichloroethane	8.420	97	1396	0.157	ug/L #	84
47) Tetrachloroethene	8.568	164	12459	1.258	ug/L	96
49) Dibromochloromethane	8.568	129	11533	1.065	ug/L #	12
61) 1,2,3-Trichloropropane	11.816	75	9024	1.127	ug/L #	66

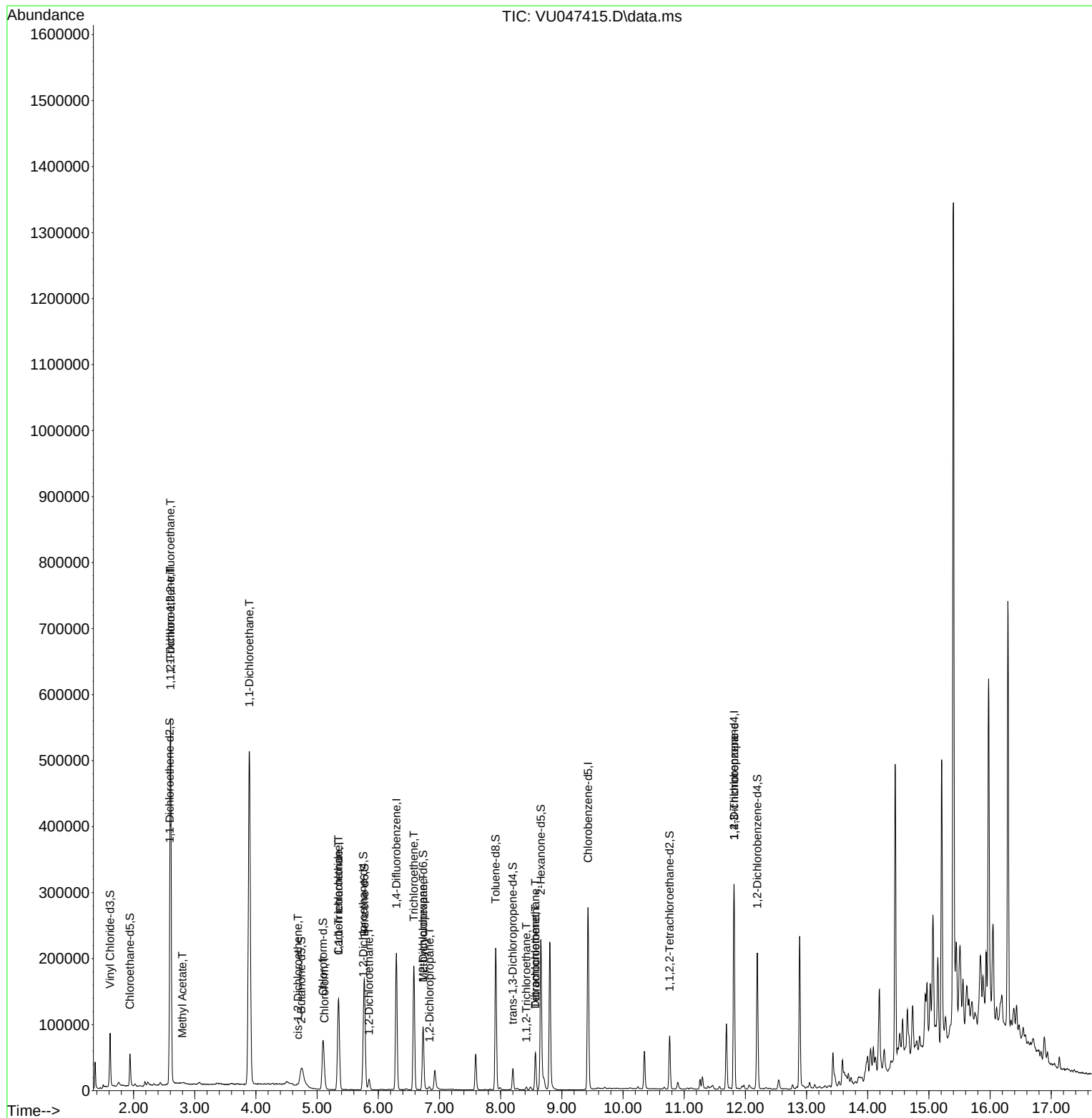
(#) = qualifier out of range (m) = manual integration (+) = signals summed

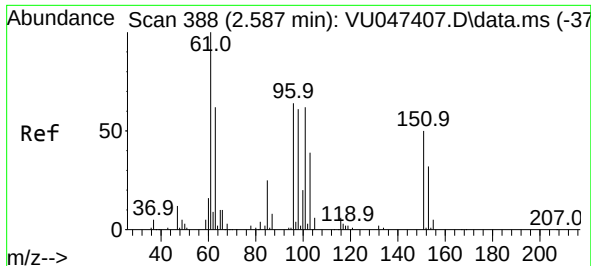
Instrument :
MSVOA_U
ClientSampleId :
BFY24

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
Data File : VU047415.D
Acq On : 09 Mar 2022 19:32
Operator : SY/MD
Sample : N1840-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFY24

Quant Time: Mar 10 01:07:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 10 00:51:00 2022
Response via : Initial Calibration

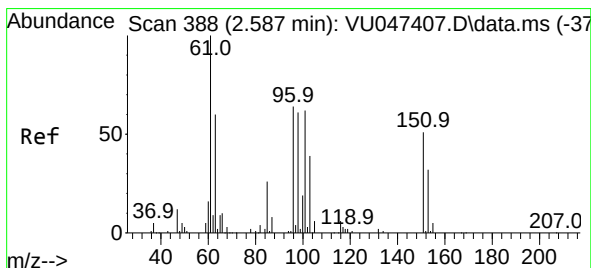
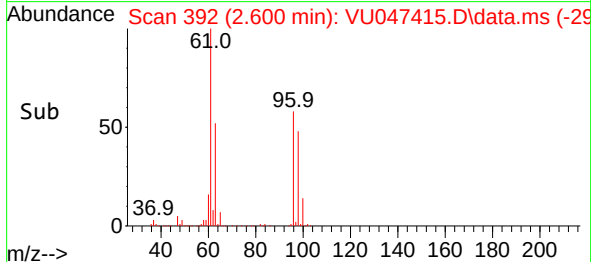
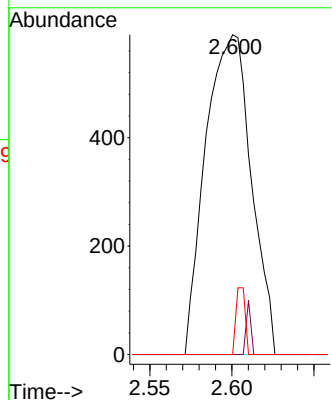
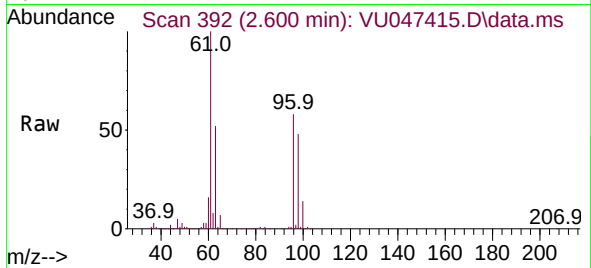




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.111 ug/L
 RT: 2.600 min Scan# 392
 Delta R.T. 0.013 min
 Lab File: VU047415.D
 Acq: 09 Mar 2022 19:32

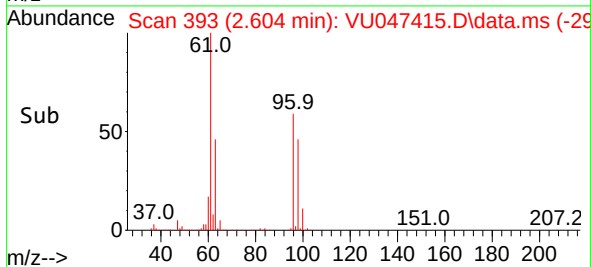
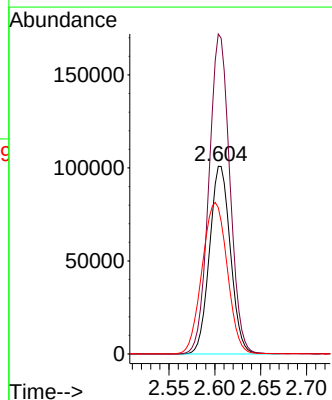
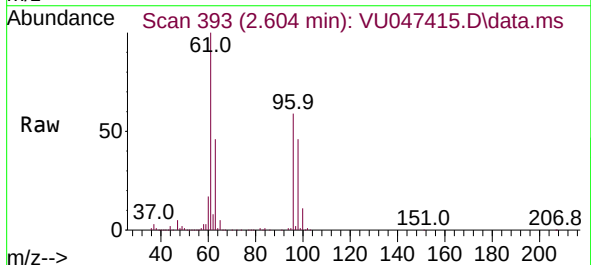
Instrument :
 MSVOA_U
 ClientSampleId :
 BFY24

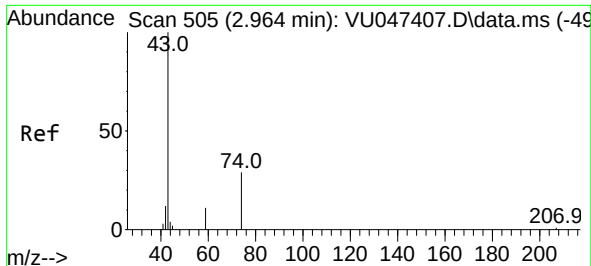
Tgt Ion:101 Resp: 1141
 Ion Ratio Lower Upper
 101 100
 85 1.7 33.8 50.6#
 151 4.1 64.8 97.2#



#12
 1,1-Dichloroethene
 Concen: 15.855 ug/L
 RT: 2.604 min Scan# 393
 Delta R.T. 0.016 min
 Lab File: VU047415.D
 Acq: 09 Mar 2022 19:32

Tgt Ion: 96 Resp: 160308
 Ion Ratio Lower Upper
 96 100
 61 170.5 108.8 202.0
 63 78.0 64.0 119.0

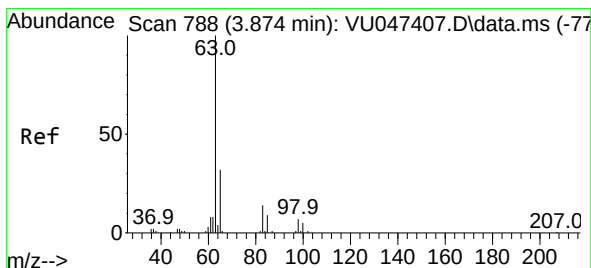
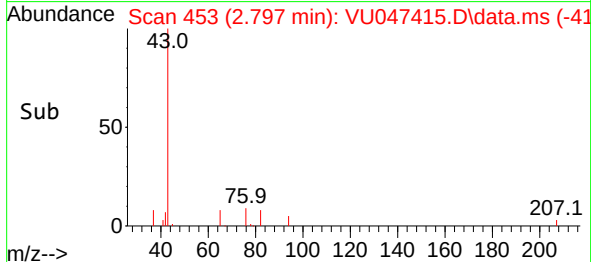
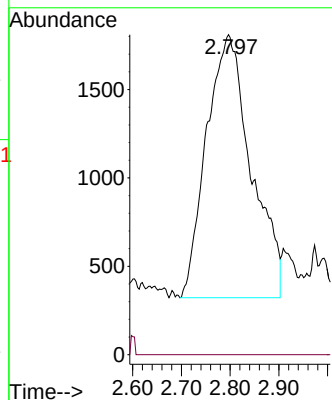
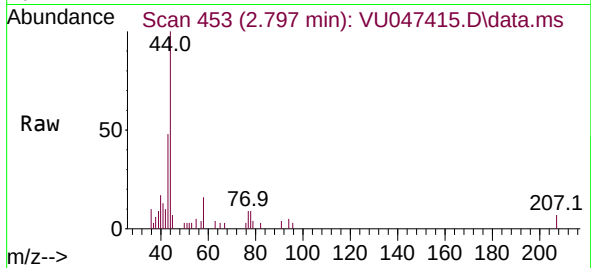




#15
Methyl Acetate
Concen: 2.352 ug/L
RT: 2.797 min Scan# 41
Delta R.T. -0.167 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

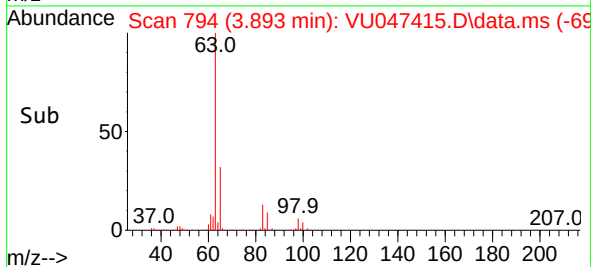
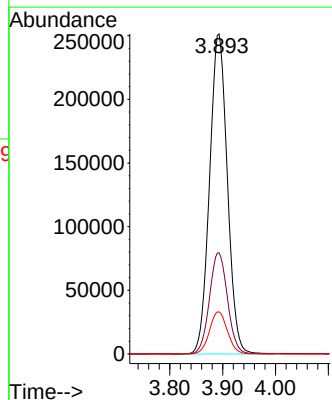
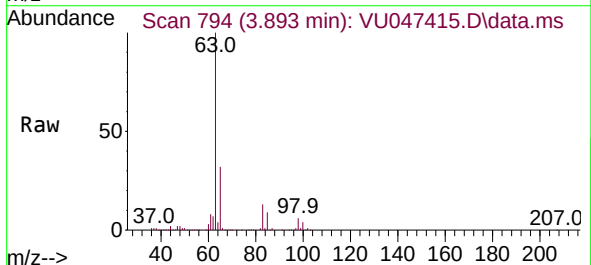
Instrument :
MSVOA_U
ClientSampleId :
BFY24

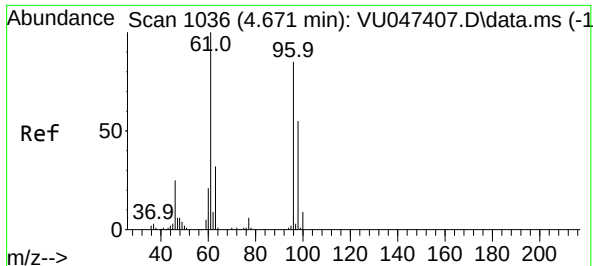
Tgt Ion: 43 Resp: 9494
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#19
1,1-Dichloroethane
Concen: 31.939 ug/L
RT: 3.893 min Scan# 794
Delta R.T. 0.019 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 63 Resp: 588005
Ion Ratio Lower Upper
63 100
65 31.6 22.8 42.4
83 13.1 9.9 18.3





#22

cis-1,2-Dichloroethene

Concen: 0.078 ug/L

RT: 4.684 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VU047415.D

Acq: 09 Mar 2022 19:32

Instrument :

MSVOA_U

ClientSampleId :

BFY24

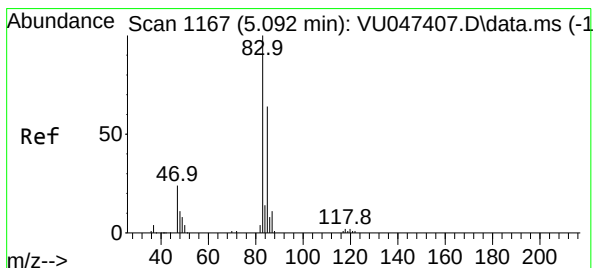
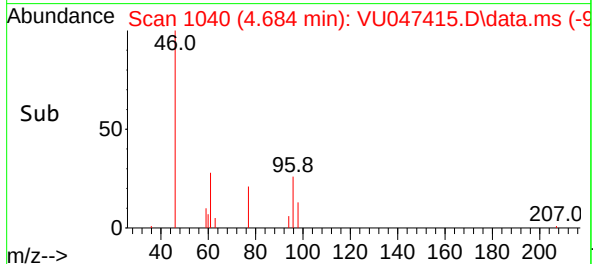
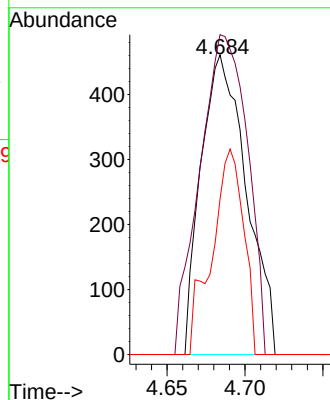
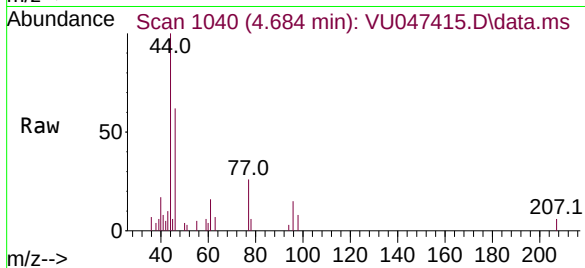
Tgt Ion: 96 Resp: 935

Ion Ratio Lower Upper

96 100

61 106.7 80.8 150.0

98 51.8 44.7 83.1



#25

Chloroform

Concen: 0.613 ug/L

RT: 5.121 min Scan# 1176

Delta R.T. 0.029 min

Lab File: VU047415.D

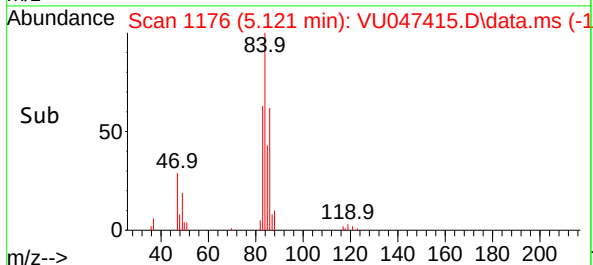
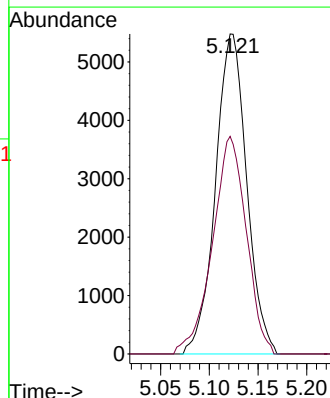
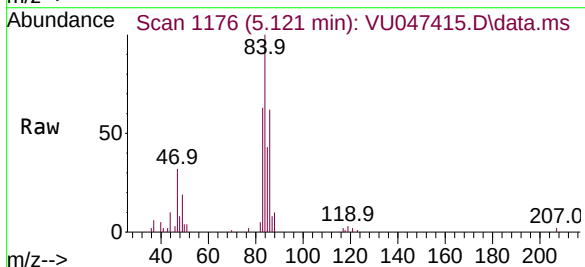
Acq: 09 Mar 2022 19:32

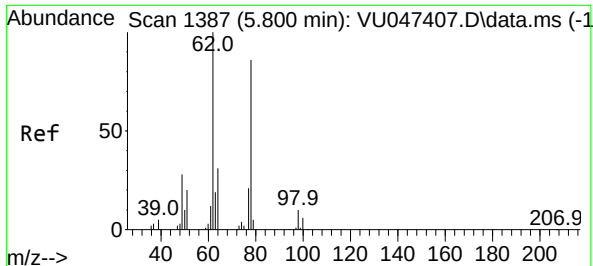
Tgt Ion: 83 Resp: 12223

Ion Ratio Lower Upper

83 100

85 68.0 46.2 85.8

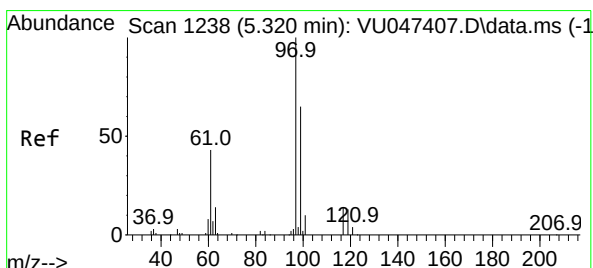
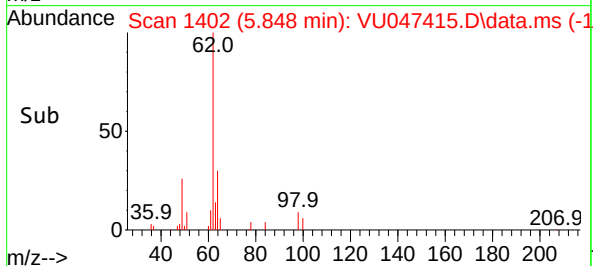
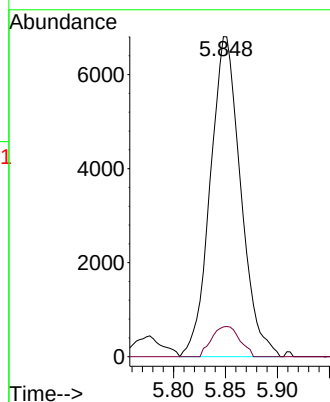
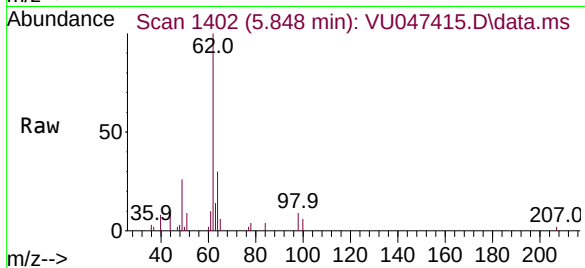




#27
1,2-Dichloroethane
Concen: 1.081 ug/L
RT: 5.848 min Scan# 1402
Delta R.T. 0.048 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

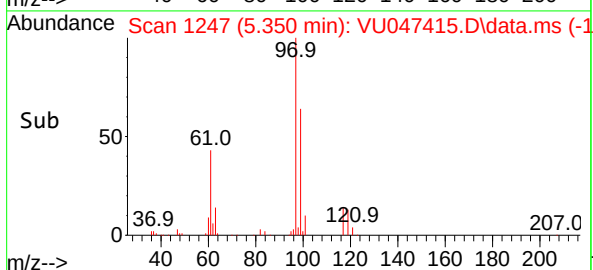
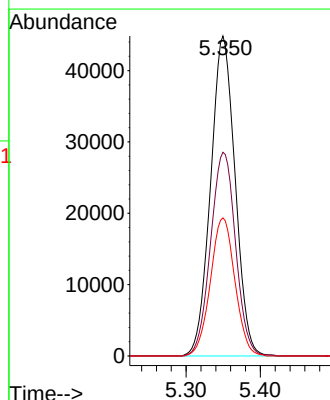
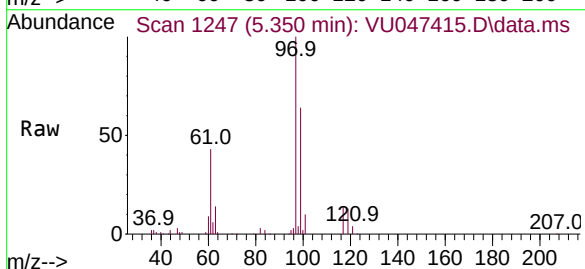
Instrument :
MSVOA_U
ClientSampleId :
BFY24

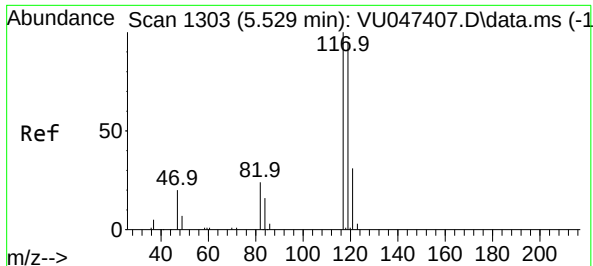
Tgt Ion: 62 Resp: 13871
Ion Ratio Lower Upper
62 100
98 9.3 7.8 11.8



#29
1,1,1-Trichloroethane
Concen: 6.154 ug/L
RT: 5.350 min Scan# 1247
Delta R.T. 0.029 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 97 Resp: 102828
Ion Ratio Lower Upper
97 100
99 65.0 52.1 78.1
61 43.1 33.8 50.6

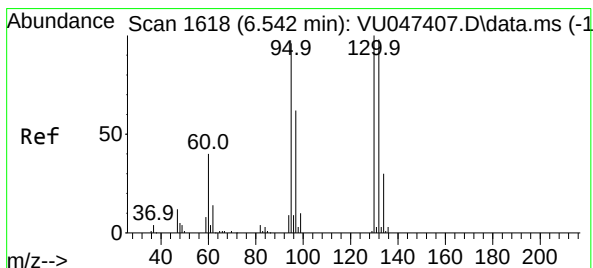
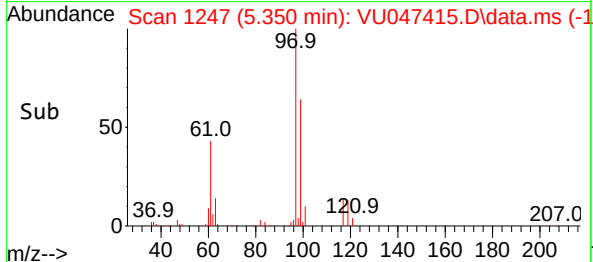
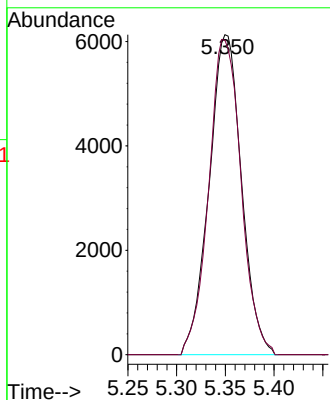
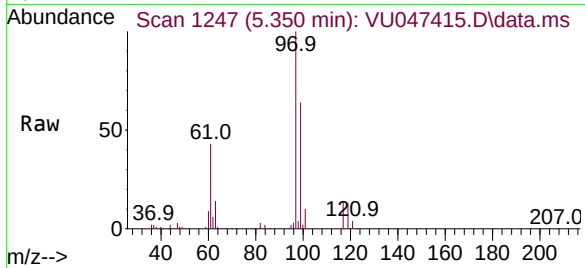




#31
Carbon tetrachloride
Concen: 0.965 ug/L
RT: 5.350 min Scan# 11
Delta R.T. -0.180 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

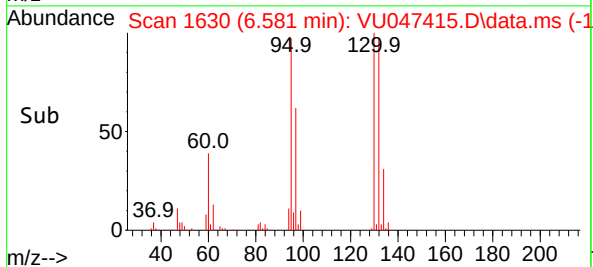
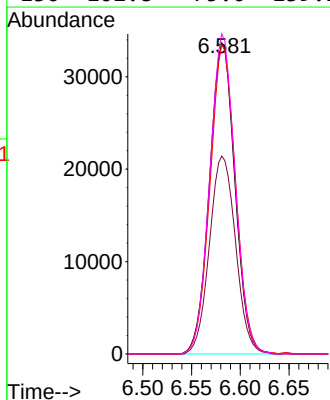
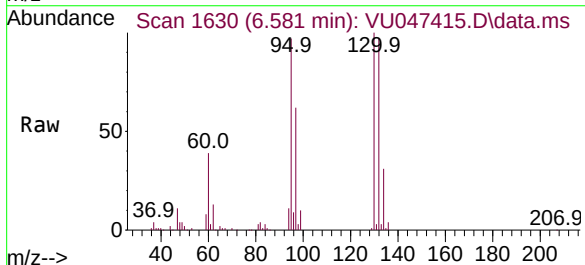
Instrument :
MSVOA_U
ClientSampleId :
BFY24

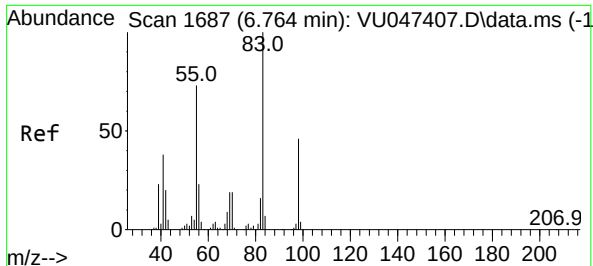
Tgt Ion:117 Resp: 14160
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.8



#34
Trichloroethene
Concen: 5.244 ug/L
RT: 6.581 min Scan# 1630
Delta R.T. 0.039 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 95 Resp: 61234
Ion Ratio Lower Upper
95 100
97 63.6 46.3 85.9
132 99.4 71.7 133.1
130 102.8 75.0 139.2

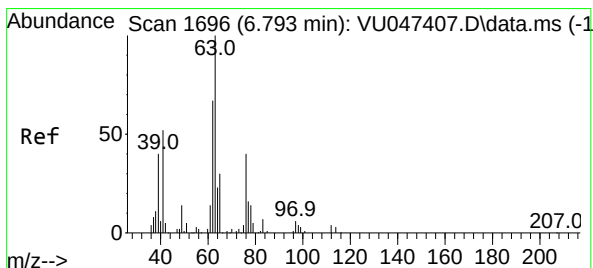
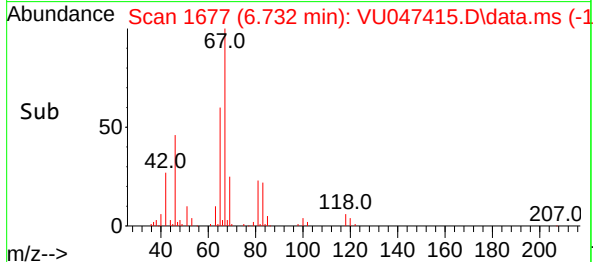
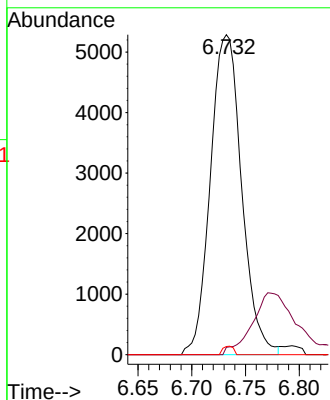
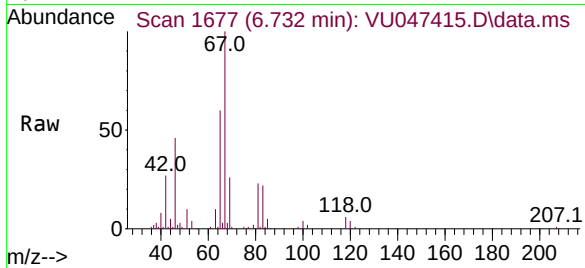




#35
Methylcyclohexane
Concen: 0.579 ug/L
RT: 6.732 min Scan# 1
Delta R.T. -0.032 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

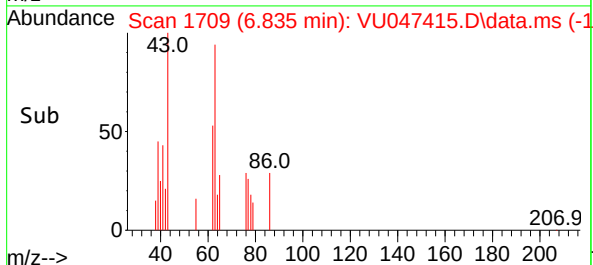
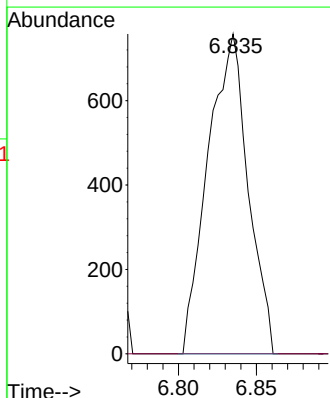
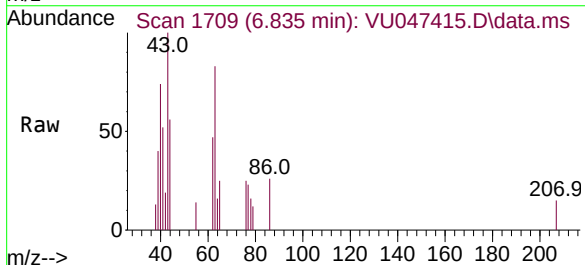
Instrument :
MSVOA_U
ClientSampleId :
BFY24

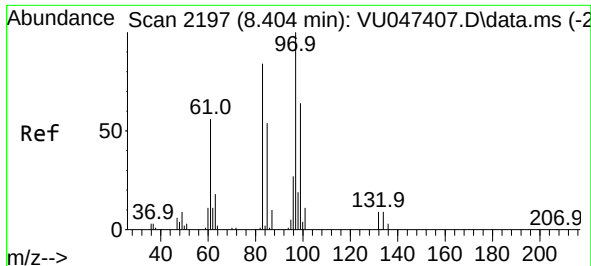
Tgt Ion: 83 Resp: 10669
Ion Ratio Lower Upper
83 100
55 28.8 57.8 86.8#
98 0.9 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.125 ug/L
RT: 6.835 min Scan# 1709
Delta R.T. 0.042 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 63 Resp: 1359
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#

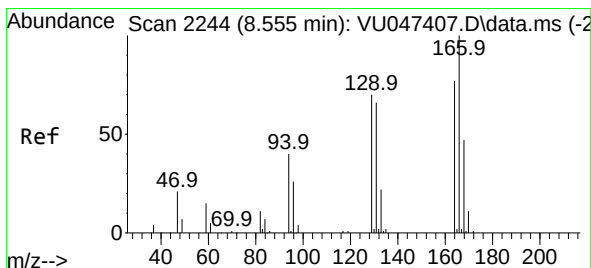
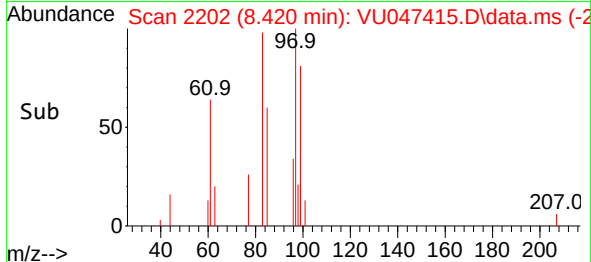
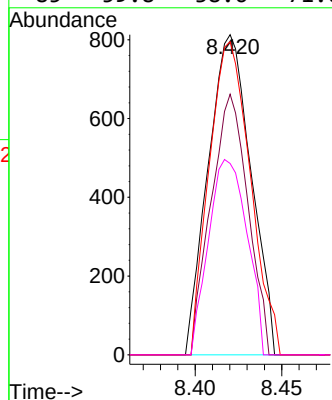
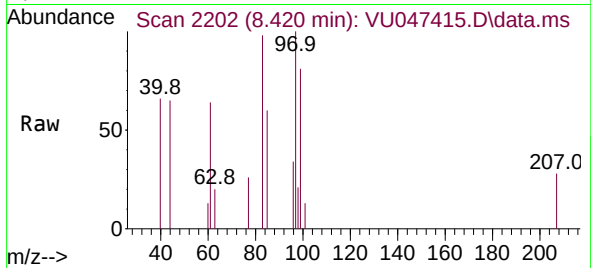




#45
1,1,2-Trichloroethane
Concen: 0.157 ug/L
RT: 8.420 min Scan# 2197
Delta R.T. 0.016 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

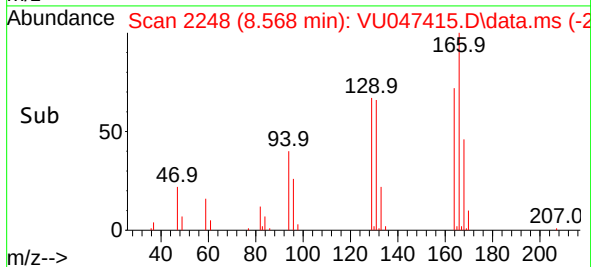
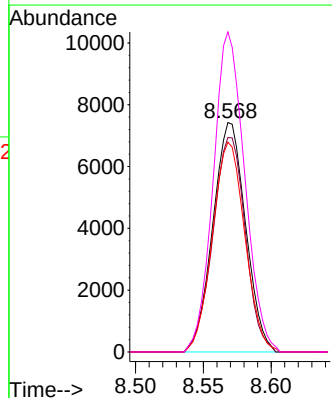
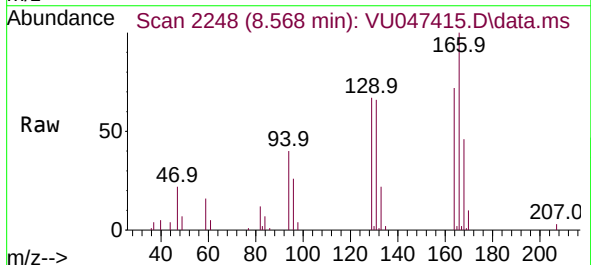
Instrument :
MSVOA_U
ClientSampleId :
BFY24

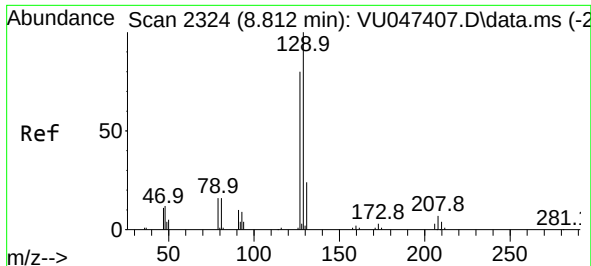
Tgt Ion:	97	Resp:	1396
Ion	Ratio	Lower	Upper
97	100		
99	81.4	43.3	80.5#
83	97.8	59.1	109.9
85	59.8	38.6	71.6



#47
Tetrachloroethene
Concen: 1.258 ug/L
RT: 8.568 min Scan# 2248
Delta R.T. 0.013 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion:	164	Resp:	12459
Ion	Ratio	Lower	Upper
164	100		
129	93.5	64.9	120.5
131	91.4	63.6	118.2
166	139.5	91.4	169.8

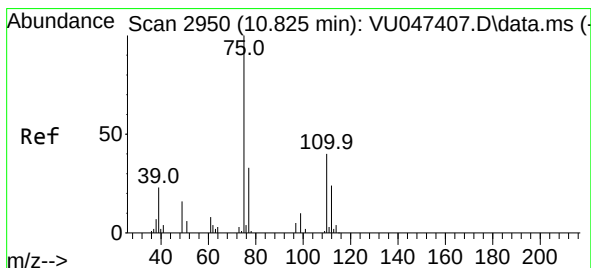
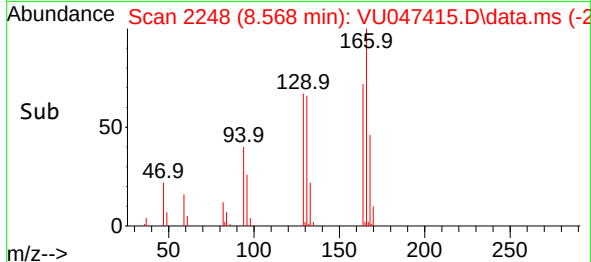
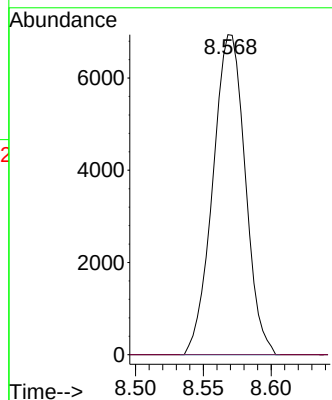
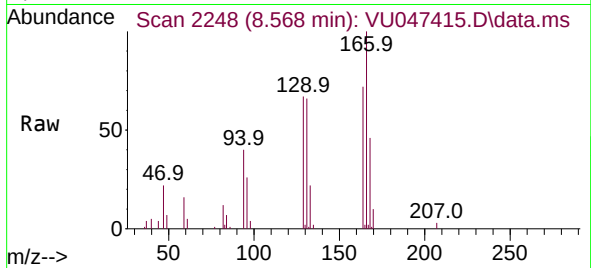




#49
Dibromochloromethane
Concen: 1.065 ug/L
RT: 8.568 min Scan# 211
Delta R.T. -0.244 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Instrument :
MSVOA_U
ClientSampleId :
BFY24

Tgt Ion:129 Resp: 11533
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#



#61
1,2,3-Trichloropropane
Concen: 1.127 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU047415.D
Acq: 09 Mar 2022 19:32

Tgt Ion: 75 Resp: 9024
Ion Ratio Lower Upper
75 100
110 2.6 31.0 46.4#
77 34.7 26.2 39.4

