

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010822\
 Data File : VU046707.D
 Acq On : 08 Jan 2022 15:37
 Operator : SY/MD
 Sample : N1077-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW3

Quant Time: Jan 10 00:40:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

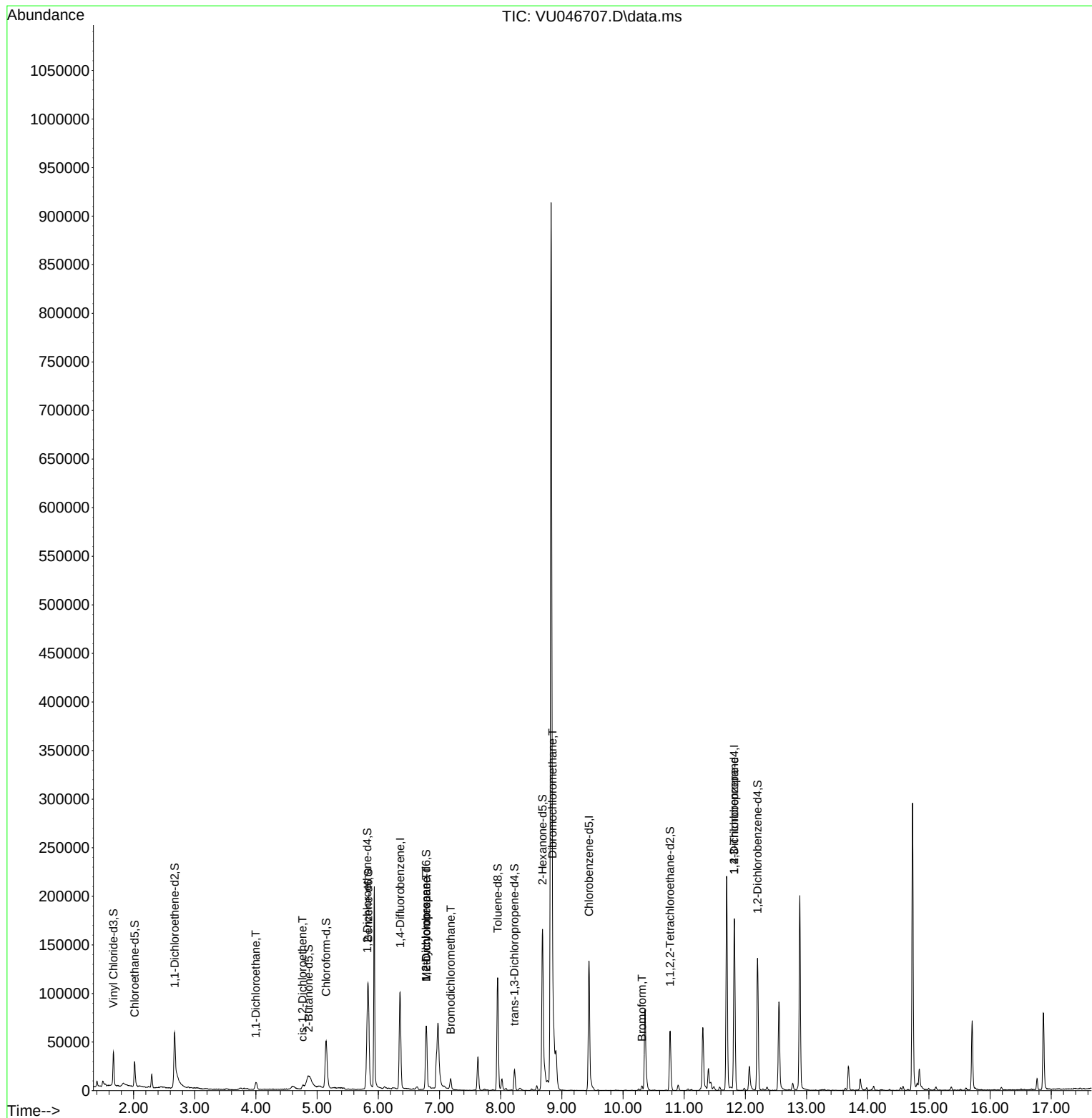
Internal Standards						
1) 1,4-Difluorobenzene	6.356	114	78950	5.000	ug/L	0.11
28) Chlorobenzene-d5	9.443	117	82486	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.819	152	48975	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.671	65	24997	4.020	ug/L	0.08
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.400%
7) Chloroethane-d5	2.015	69	20850	4.258	ug/L	0.10
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.671	65	9775	3.728	ug/L	0.11
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.600%
20) 2-Butanone-d5	4.861	46	26233	14.543	ug/L	0.21
Spiked Amount	50.000	Range	40 - 130	Recovery	=	29.080%#
24) Chloroform-d	5.147	84	43898	3.852	ug/L	0.09
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.822	65	29851	4.582	ug/L	0.12
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.835	84	97854	4.256	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
36) 1,2-Dichloropropane-d6	6.784	67	30887	4.470	ug/L	0.09
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.951	98	77361	3.707	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.224	79	12344	3.863	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.684	63	71337	38.022	ug/L	0.05
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.040%
56) 1,1,2,2-Tetrachloroeth...	10.771	84	32116	4.529	ug/L	0.01
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.198	152	36547	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						
19) 1,1-Dichloroethane	3.999	63	8275	0.606	ug/L	98
22) cis-1,2-Dichloroethene	4.761	96	1499	0.185	ug/L	93
35) Methylcyclohexane	6.784	83	7798	0.640	ug/L #	61
37) 1,2-Dichloropropane	6.784	63	3361	0.402	ug/L #	88
38) Bromodichloromethane	7.182	83	6452	0.558	ug/L	98
49) Dibromochloromethane	8.848	129	6305	0.758	ug/L	98
59) Bromoform	10.308	173	2467	0.436	ug/L #	94
61) 1,2,3-Trichloropropane	11.819	75	5704	0.701	ug/L #	63

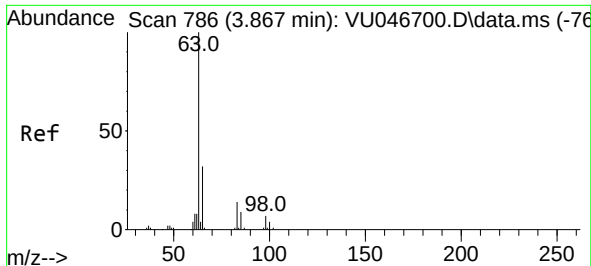
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample    : N1077-07  
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ALS Vial  : 10    Sample Multiplier: 1
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Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 10 00:25:50 2022
Response via : Initial Calibration

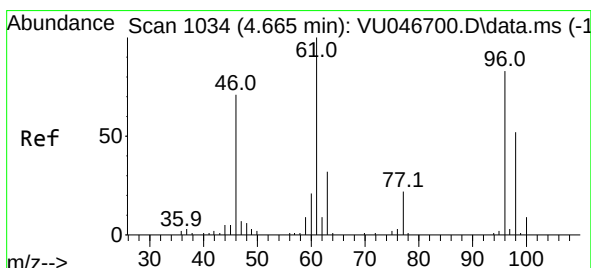
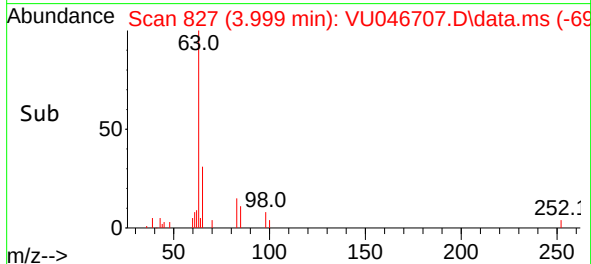
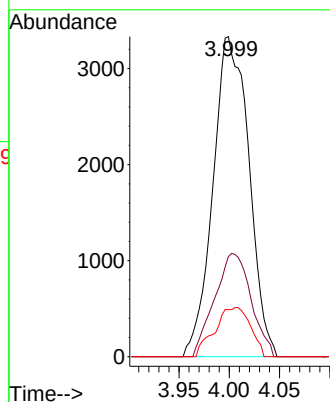
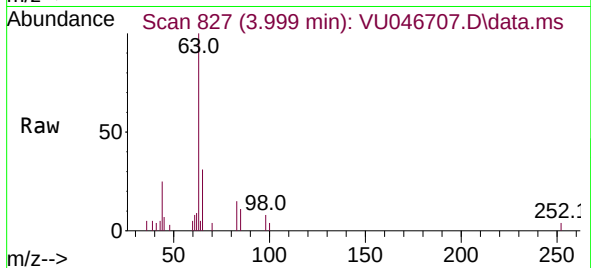




#19
1,1-Dichloroethane
Concen: 0.606 ug/L
RT: 3.999 min Scan# 81
Delta R.T. 0.132 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

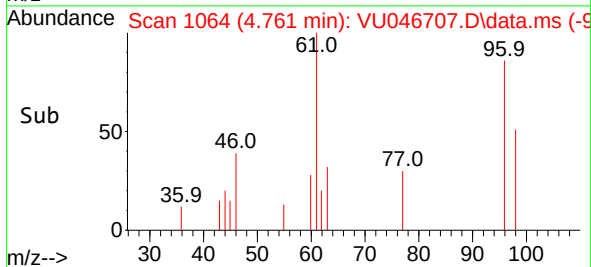
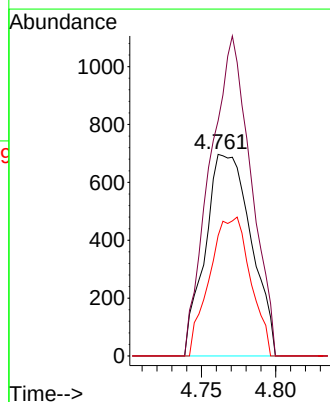
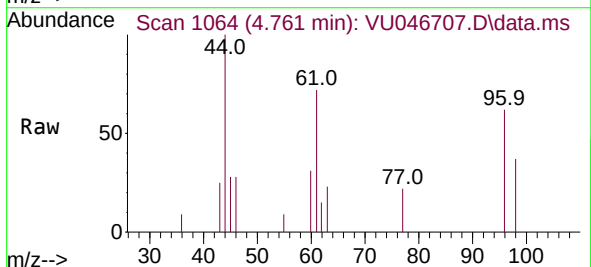
Instrument :
MSVOA_U
ClientSampleId :
BFXW3

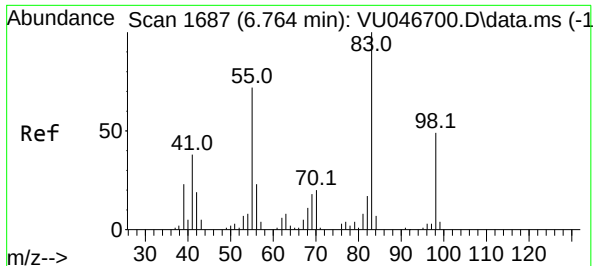
Tgt Ion: 63 Resp: 8275
Ion Ratio Lower Upper
63 100
65 31.3 22.3 41.5
83 14.7 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 0.185 ug/L
RT: 4.761 min Scan# 1064
Delta R.T. 0.096 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

Tgt Ion: 96 Resp: 1499
Ion Ratio Lower Upper
96 100
61 116.6 88.5 164.3
98 59.7 44.4 82.5





#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.784 min Scan# 1693

Delta R.T. 0.019 min

Lab File: VU046707.D

Acq: 08 Jan 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

BFXW3

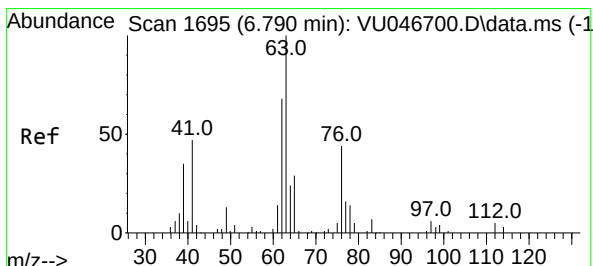
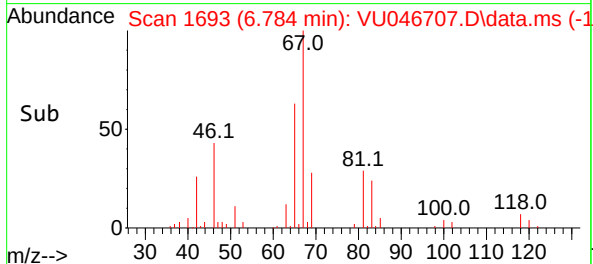
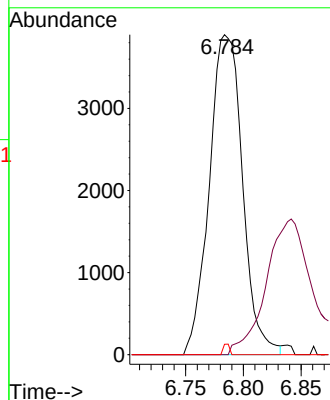
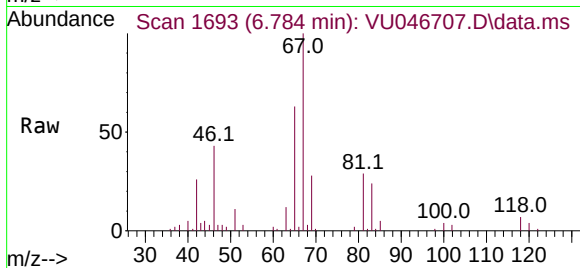
Tgt Ion: 83 Resp: 7798

Ion Ratio Lower Upper

83 100

55 60.9 61.9 92.9#

98 0.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.402 ug/L

RT: 6.784 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VU046707.D

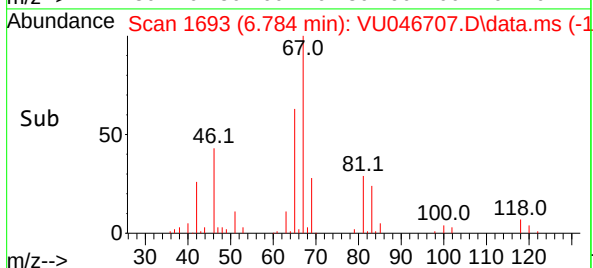
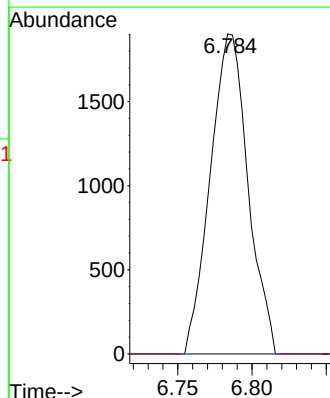
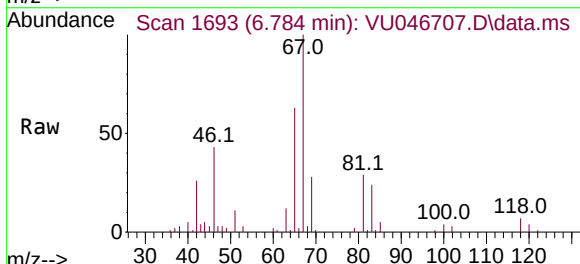
Acq: 08 Jan 2022 15:37

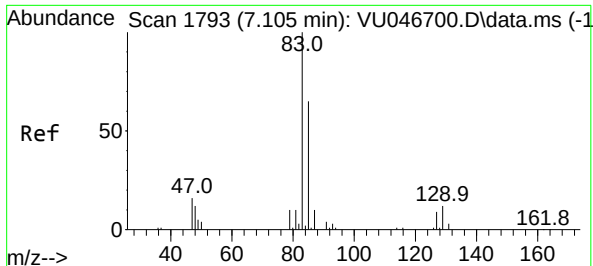
Tgt Ion: 63 Resp: 3361

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#

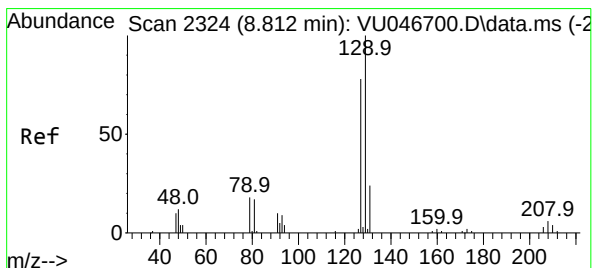
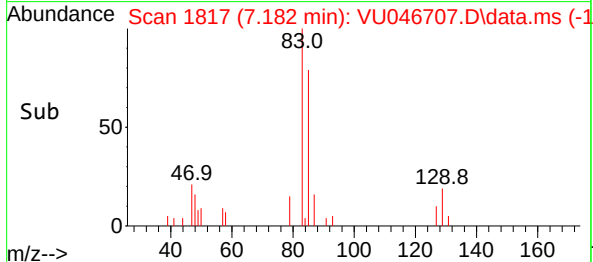
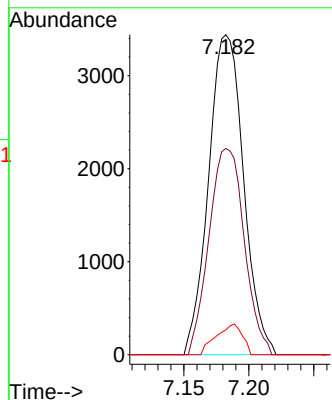
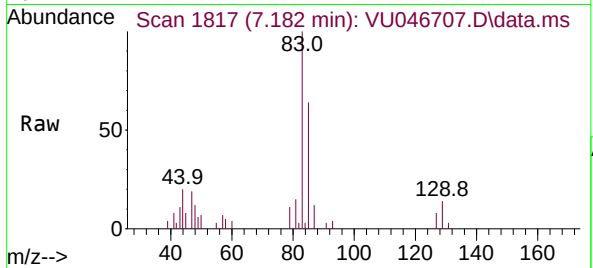




#38
Bromodichloromethane
Concen: 0.558 ug/L
RT: 7.182 min Scan# 11
Delta R.T. 0.077 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

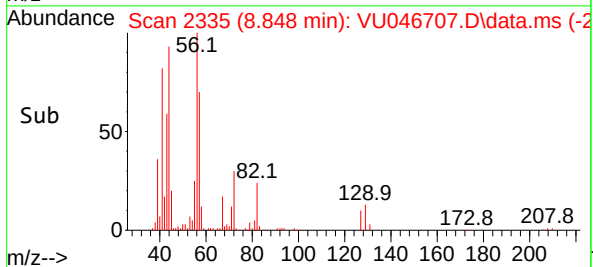
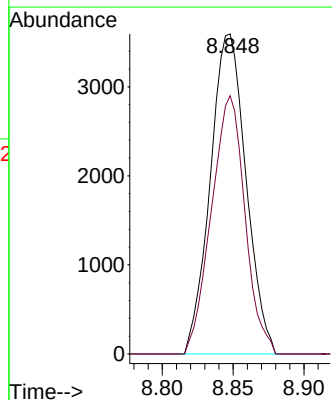
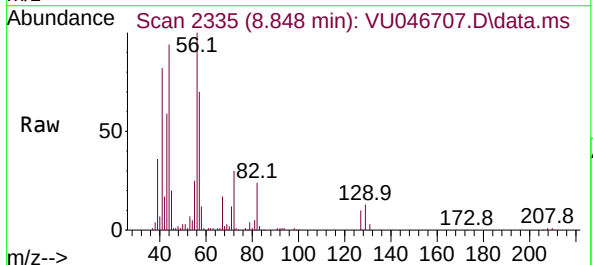
Instrument :
MSVOA_U
ClientSampleId :
BFXW3

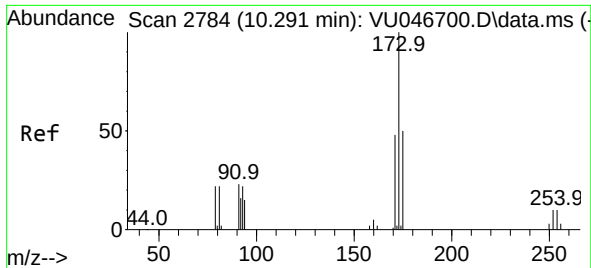
Tgt Ion: 83 Resp: 6452
Ion Ratio Lower Upper
83 100
85 64.4 44.0 81.8
127 7.8 6.3 9.5



#49
Dibromochloromethane
Concen: 0.758 ug/L
RT: 8.848 min Scan# 2335
Delta R.T. 0.035 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

Tgt Ion: 129 Resp: 6305
Ion Ratio Lower Upper
129 100
127 80.7 55.4 102.8

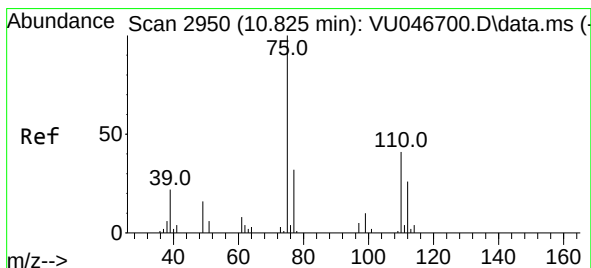
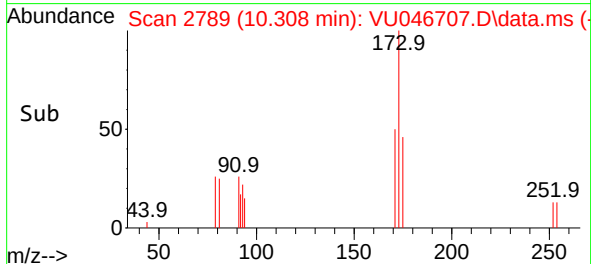
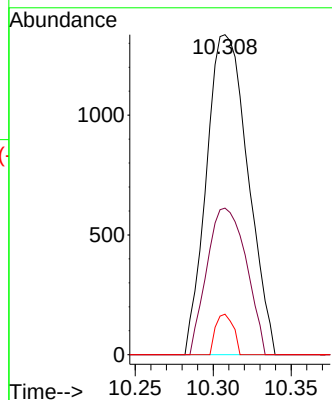
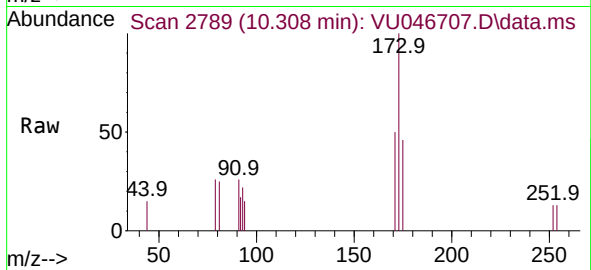




#59
Bromoform
Concen: 0.436 ug/L
RT: 10.308 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
BFXW3

Tgt Ion	Ratio	Lower	Upper
173	100		
175	43.3	37.8	56.6
254	5.4	7.3	10.9#



#61
1,2,3-Trichloropropane
Concen: 0.701 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.994 min
Lab File: VU046707.D
Acq: 08 Jan 2022 15:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.8	29.9	44.9#
77	37.7	25.5	38.3

