

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121522\
 Data File : VU052420.D
 Acq On : 15 Dec 2022 16:51
 Operator : JC/MD
 Sample : N6034-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPM7

Quant Time: Dec 16 00:21:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 16 00:19:11 2022
 Response via : Initial Calibration

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

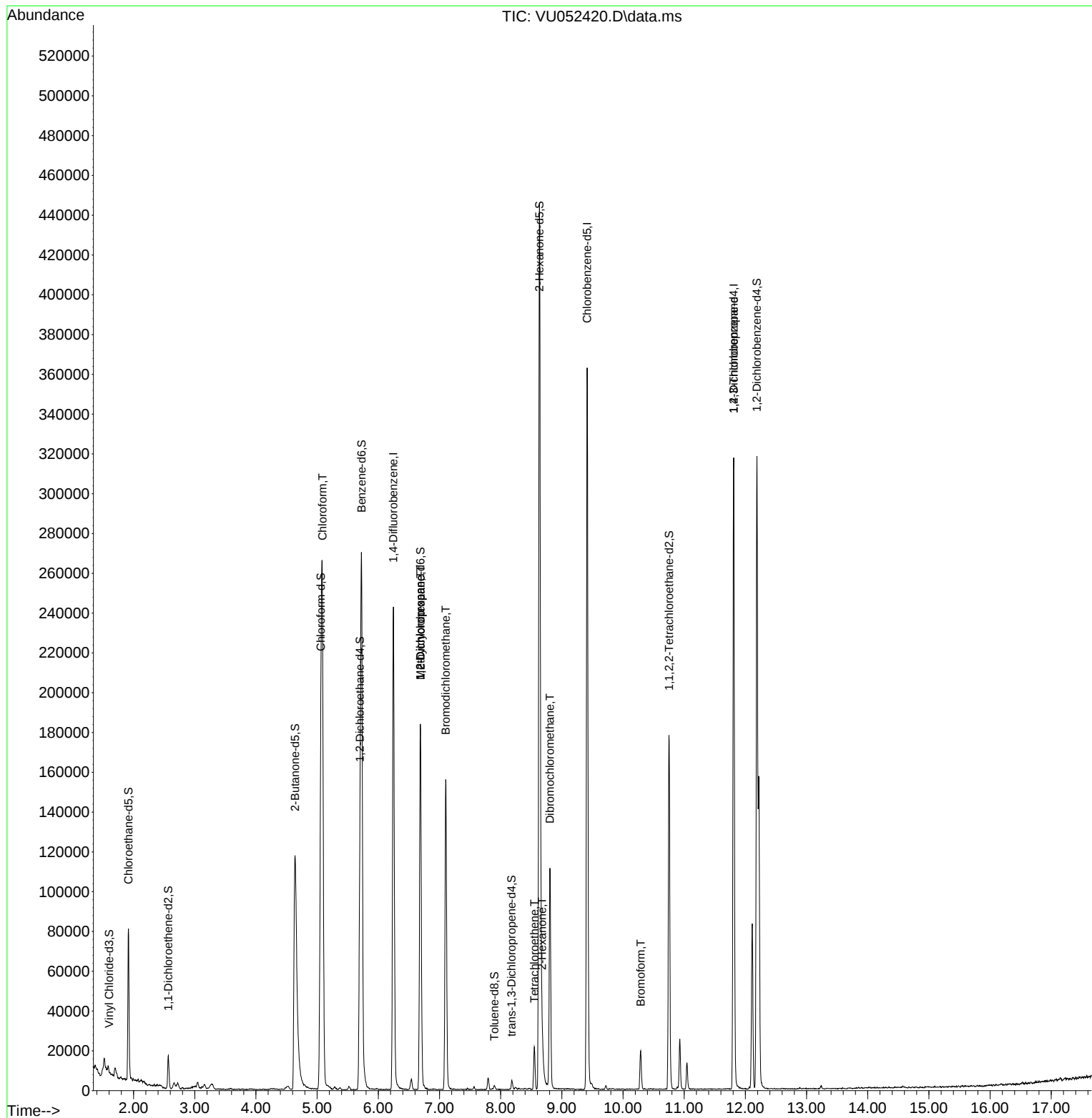
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	199479	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	212733	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	89414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41	0.002	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.916	69	59221	3.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.568	65	3198	0.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	9.200%#
20) 2-Butanone-d5	4.639	46	238735	67.878	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.760%#
24) Chloroform-d	5.060	84	150515	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.700	65	76353	5.302	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.726	84	265727	4.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
36) 1,2-Dichloropropane-d6	6.687	67	92978	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.896	98	1861	0.033	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.600%#
43) trans-1,3-Dichloroprop...	8.179	79	594	0.083	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	1.600%#
46) 2-Hexanone-d5	8.632	63	147803	48.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.940%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	92557	5.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	86916	5.077	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.600%
Target Compounds						Qvalue
25) Chloroform	5.086	83	207276	7.317	ug/L	98
35) Methylcyclohexane	6.687	83	21104	0.850	ug/L #	19
37) 1,2-Dichloropropane	6.687	63	9274	0.517	ug/L #	88
38) Bromodichloromethane	7.102	83	105660	4.835	ug/L	99
47) Tetrachloroethene	8.552	164	4929	0.372	ug/L	91
48) 2-Hexanone	8.677	43	6758	0.984	ug/L #	41
49) Dibromochloromethane	8.806	129	58236	3.860	ug/L	99
59) Bromoform	10.288	173	9430	1.280	ug/L	98
61) 1,2,3-Trichloropropane	11.809	75	10986	1.074	ug/L #	67

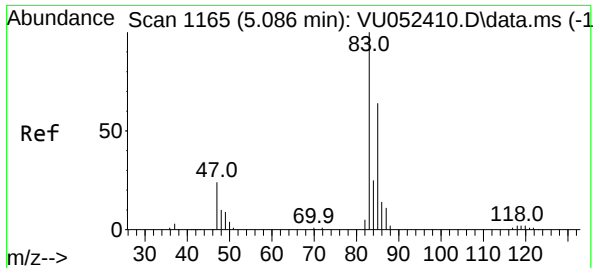
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 7.317 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052420.D

Acq: 15 Dec 2022 16:51

Instrument :

MSVOA_U

ClientSampleId :

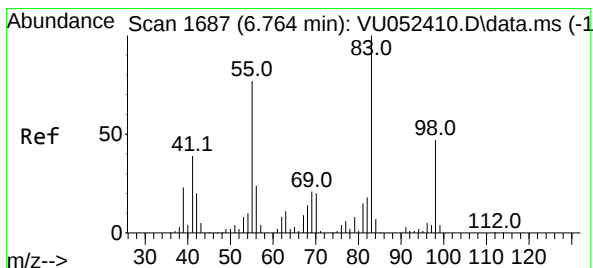
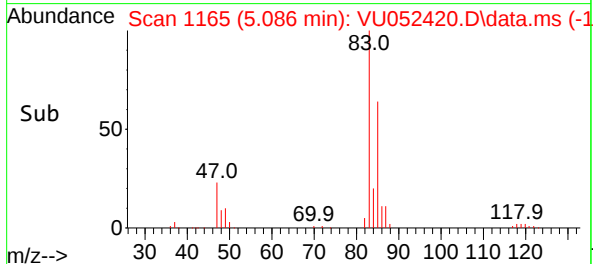
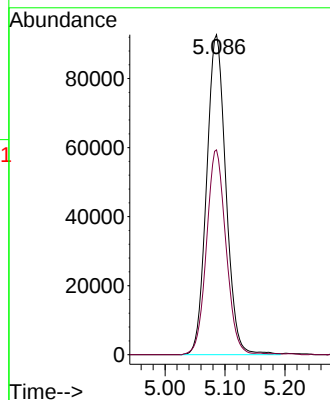
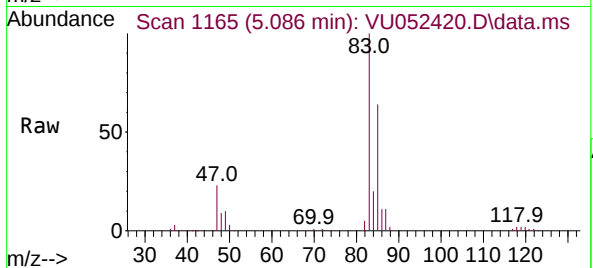
BGPM7

Tgt Ion: 83 Resp: 207276

Ion Ratio Lower Upper

83 100

85 64.0 43.8 81.4



#35

Methylcyclohexane

Concen: 0.850 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.077 min

Lab File: VU052420.D

Acq: 15 Dec 2022 16:51

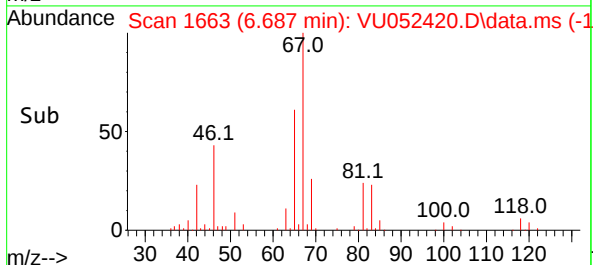
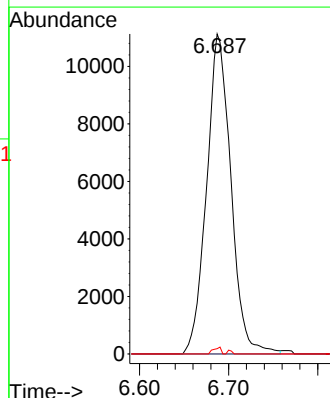
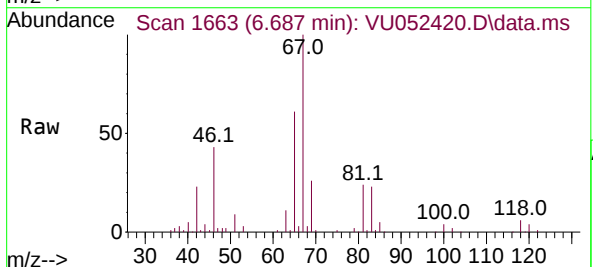
Tgt Ion: 83 Resp: 21104

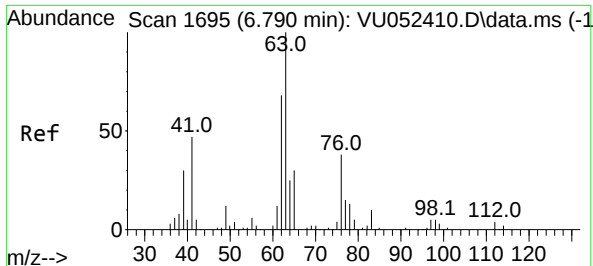
Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 0.7 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.517 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU052420.D

Acq: 15 Dec 2022 16:51

Instrument :

MSVOA_U

ClientSampleId :

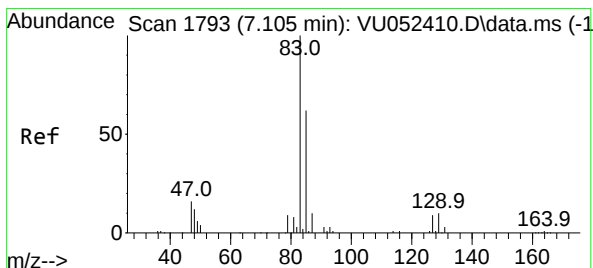
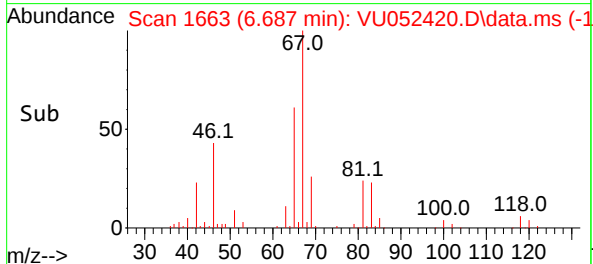
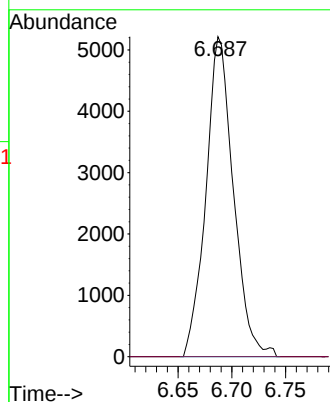
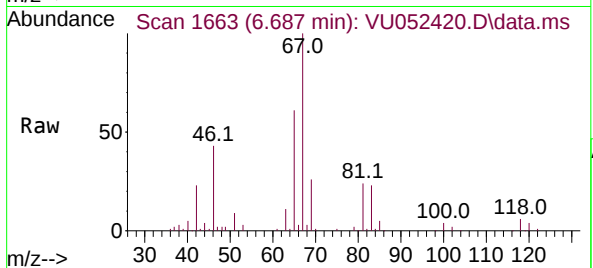
BGPM7

Tgt Ion: 63 Resp: 9274

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 4.835 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU052420.D

Acq: 15 Dec 2022 16:51

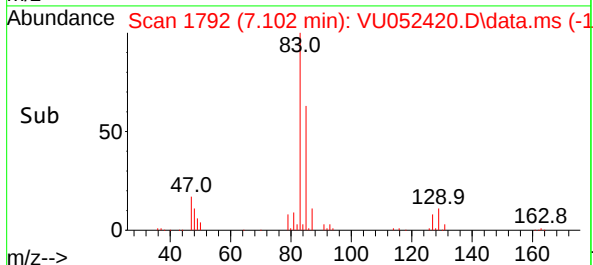
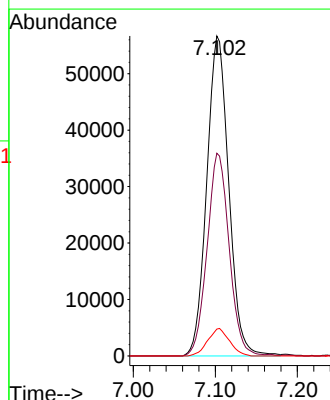
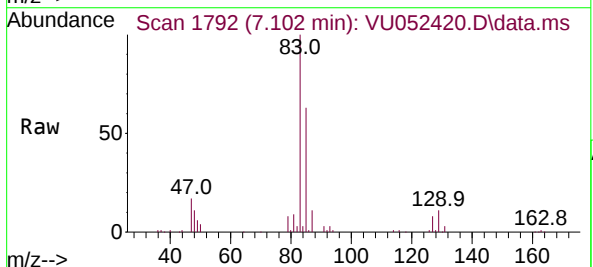
Tgt Ion: 83 Resp: 105660

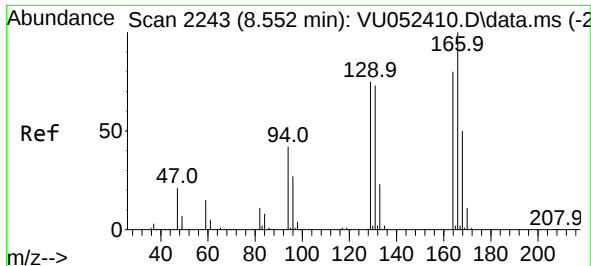
Ion Ratio Lower Upper

83 100

85 63.3 43.5 80.9

127 8.4 6.8 10.2



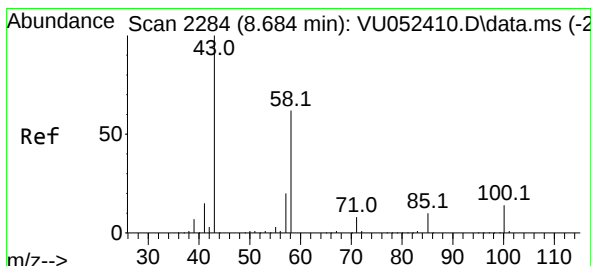
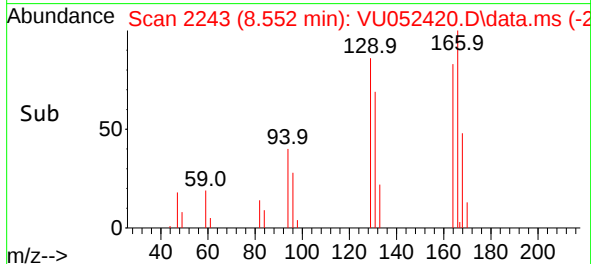
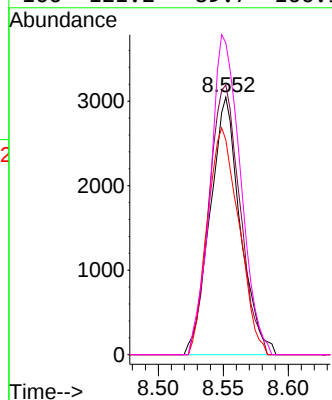
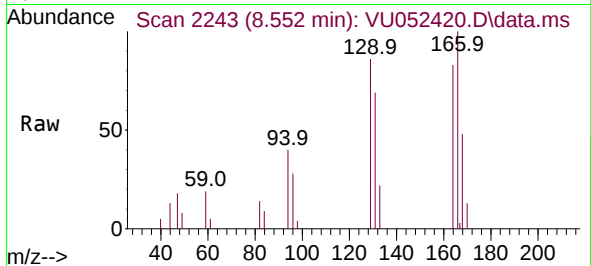


#47
Tetrachloroethene
Concen: 0.372 ug/L
RT: 8.552 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU052420.D
Acq: 15 Dec 2022 16:51

Instrument :
MSVOA_U
ClientSampleId :
BGPM7

Tgt Ion:164 Resp: 4929

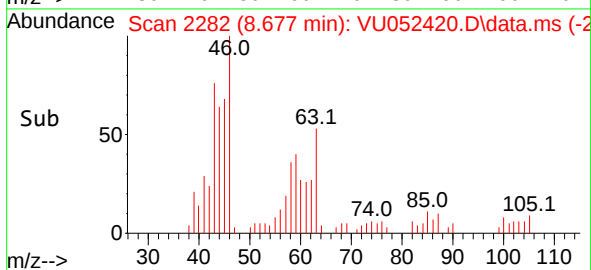
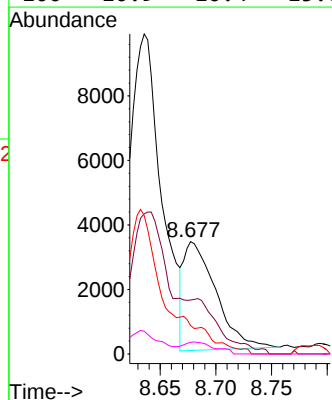
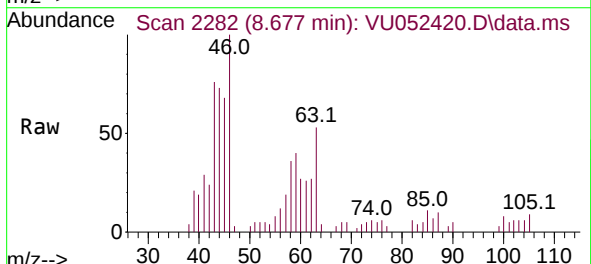
Ion	Ratio	Lower	Upper
164	100		
129	104.8	67.4	125.2
131	83.6	67.1	124.7
166	121.2	89.7	166.5

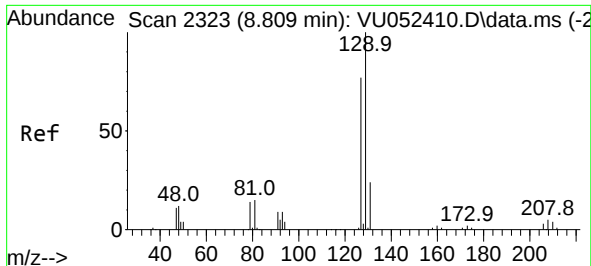


#48
2-Hexanone
Concen: 0.984 ug/L
RT: 8.677 min Scan# 2282
Delta R.T. -0.006 min
Lab File: VU052420.D
Acq: 15 Dec 2022 16:51

Tgt Ion: 43 Resp: 6758

Ion	Ratio	Lower	Upper
43	100		
58	0.0	49.4	74.0#
57	6.3	16.3	24.5#
100	10.9	10.4	15.6

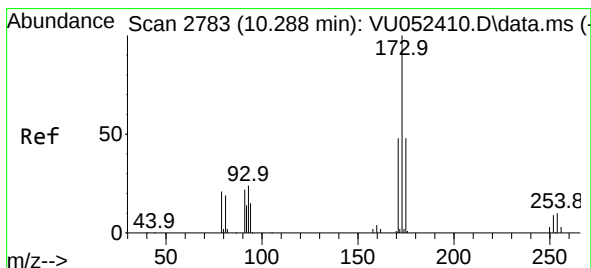
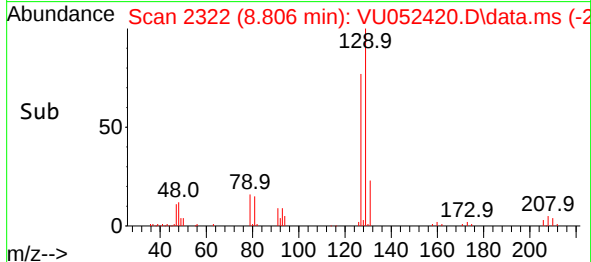
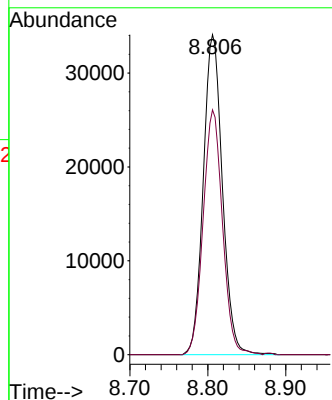
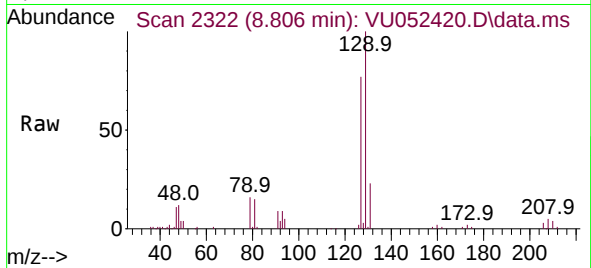




#49
Dibromochloromethane
Concen: 3.860 ug/L
RT: 8.806 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052420.D
Acq: 15 Dec 2022 16:51

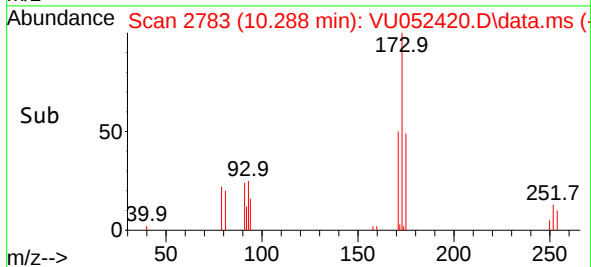
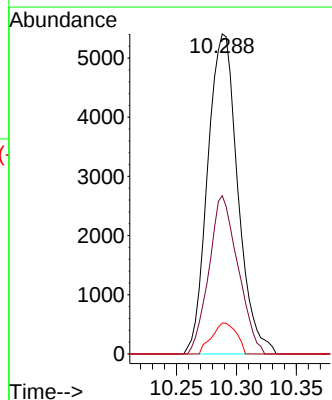
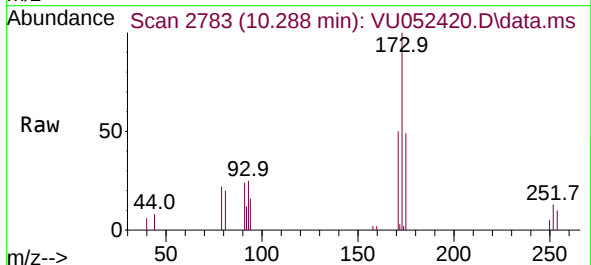
Instrument :
MSVOA_U
ClientSampleId :
BGPM7

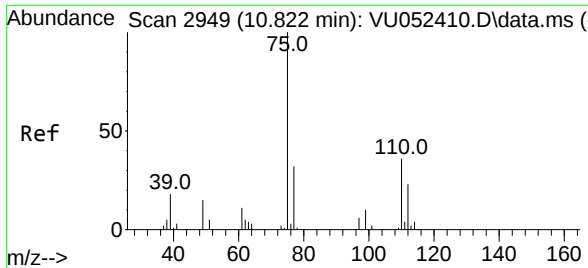
Tgt Ion:129 Resp: 58236
Ion Ratio Lower Upper
129 100
127 76.5 52.8 98.2



#59
Bromoform
Concen: 1.280 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU052420.D
Acq: 15 Dec 2022 16:51

Tgt Ion:173 Resp: 9430
Ion Ratio Lower Upper
173 100
175 47.6 37.2 55.8
254 7.9 7.0 10.6





#61
 1,2,3-Trichloropropane
 Concen: 1.074 ug/L
 RT: 11.809 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052420.D
 Acq: 15 Dec 2022 16:51

Instrument :
 MSVOA_U
 ClientSampleId :
 BGPM7

Tgt Ion:	75	Resp:	10986
Ion	Ratio	Lower	Upper
75	100		
110	1.2	28.3	42.5#
77	30.2	26.2	39.2

