

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121522\
 Data File : VU052414.D
 Acq On : 15 Dec 2022 12:25
 Operator : JC/MD
 Sample : N6050-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 B0AA8

Quant Time: Dec 16 00:20:17 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)

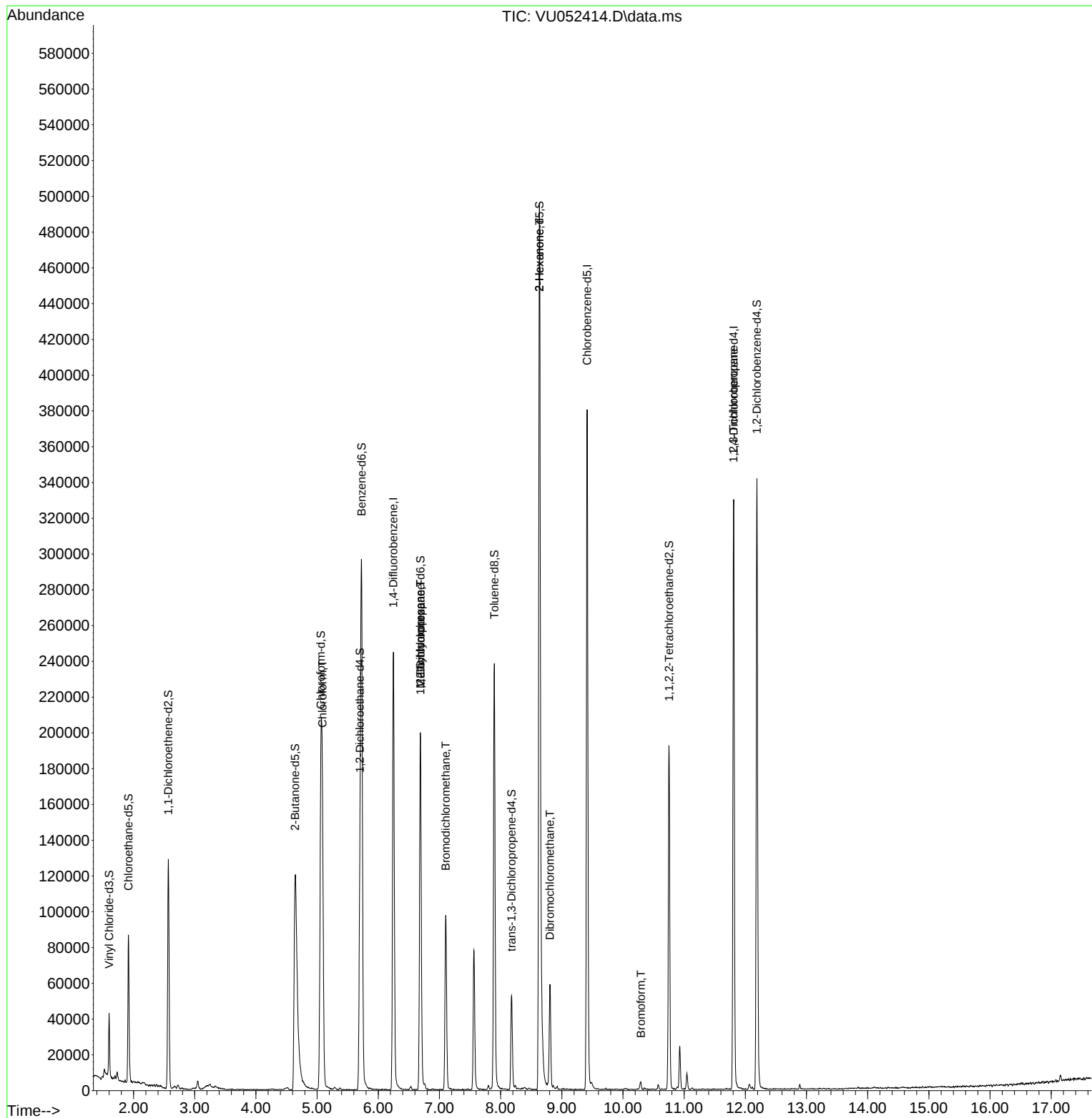
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	206609	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	218275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	25033	1.246	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	25.000%#
7) Chloroethane-d5	1.916	69	63813	4.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.569	65	24334	3.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.600%
20) 2-Butanone-d5	4.642	46	258403	70.935	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.860%#
24) Chloroform-d	5.060	84	159309	5.395	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.700	65	80653	5.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.726	84	296768	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.687	67	103255	5.149	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.000%
41) Toluene-d8	7.896	98	169337	2.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.800%#
43) trans-1,3-Dichloroprop...	8.179	79	29116	3.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.633	63	172086	55.564	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.120%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	100041	5.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	95265	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
25) Chloroform	5.086	83	130901	4.461	ug/L	95
35) Methylcyclohexane	6.687	83	23151	0.908	ug/L #	20
37) 1,2-Dichloropropane	6.691	63	9693	0.527	ug/L #	88
38) Bromodichloromethane	7.102	83	67540	3.012	ug/L	96
48) 2-Hexanone	8.633	43	22137	3.143	ug/L #	75
49) Dibromochloromethane	8.806	129	30205	1.951	ug/L	96
59) Bromoform	10.292	173	1762	0.225	ug/L #	92
61) 1,2,3-Trichloropropane	11.806	75	10616	0.977	ug/L #	70

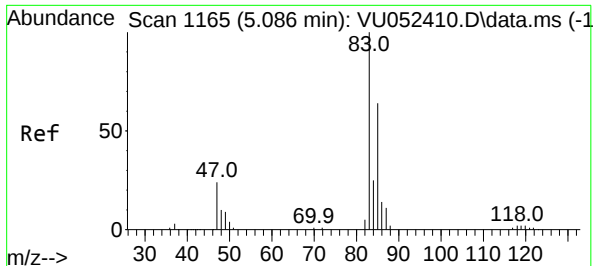
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#25

Chloroform

Concen: 4.461 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052414.D

Acq: 15 Dec 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

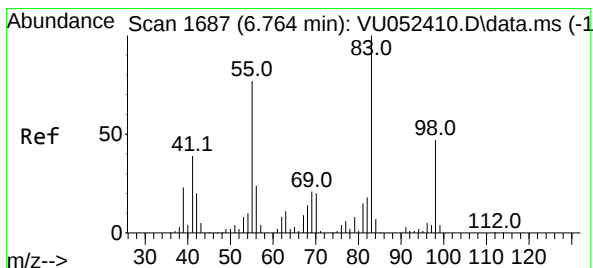
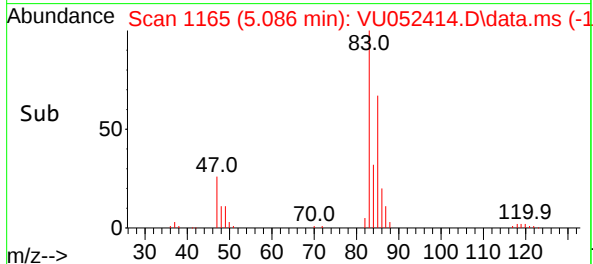
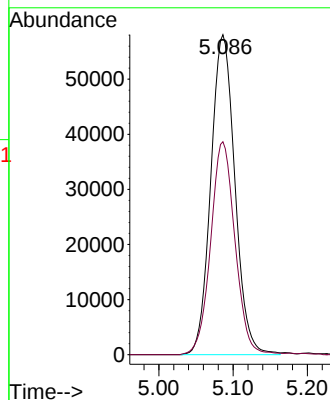
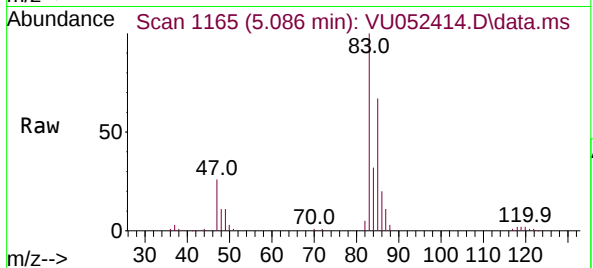
B0AA8

Tgt Ion: 83 Resp: 130901

Ion Ratio Lower Upper

83 100

85 66.5 43.8 81.4



#35

Methylcyclohexane

Concen: 0.908 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.077 min

Lab File: VU052414.D

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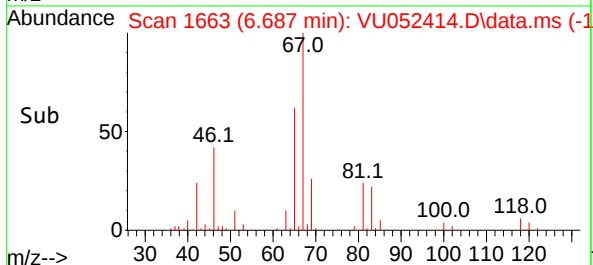
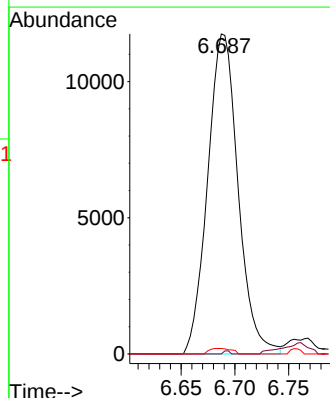
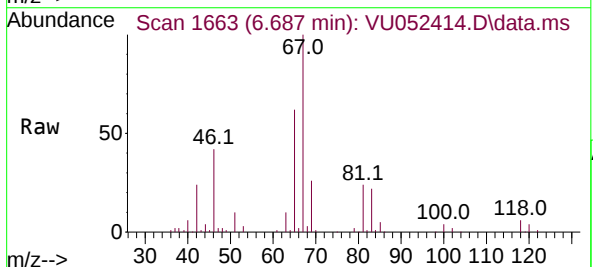
Tgt Ion: 83 Resp: 23151

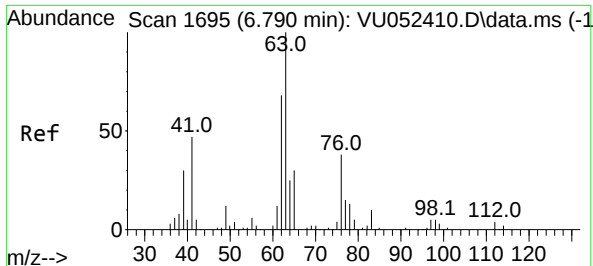
Ion Ratio Lower Upper

83 100

55 0.2 60.8 91.2#

98 1.3 35.1 52.7#





#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.691 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU052414.D

Acq: 15 Dec 2022 12:25

Instrument :

MSVOA_U

ClientSampleId :

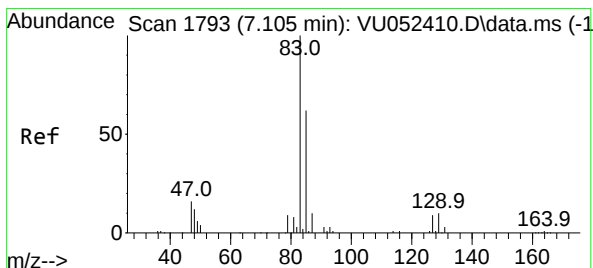
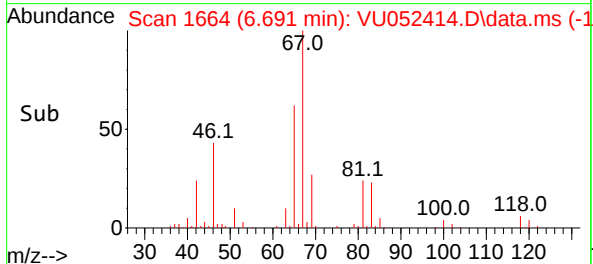
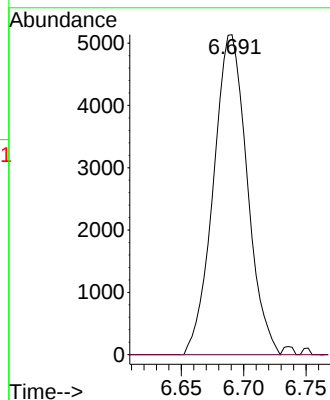
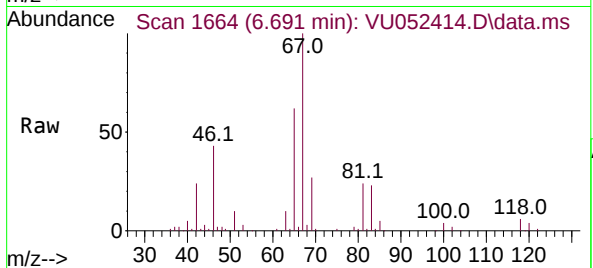
B0AA8

Tgt Ion: 63 Resp: 9693

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#38

Bromodichloromethane

Concen: 3.012 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU052414.D

Acq: 15 Dec 2022 12:25

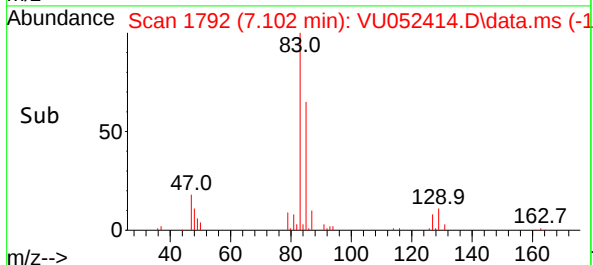
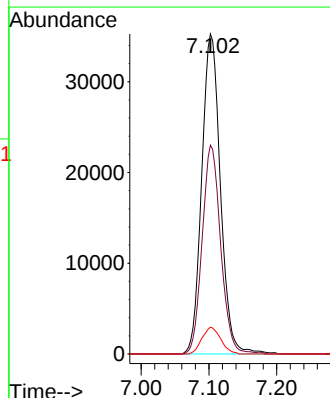
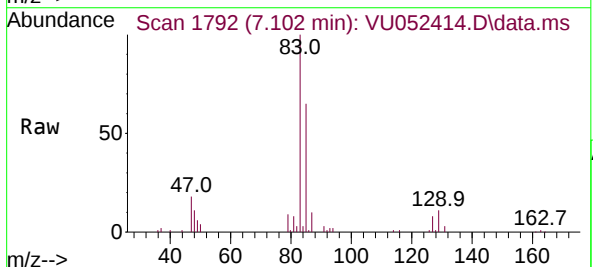
Tgt Ion: 83 Resp: 67540

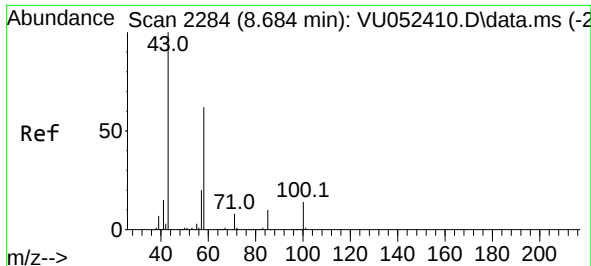
Ion Ratio Lower Upper

83 100

85 65.2 43.5 80.9

127 8.3 6.8 10.2

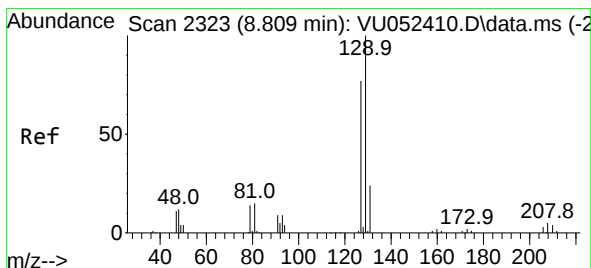
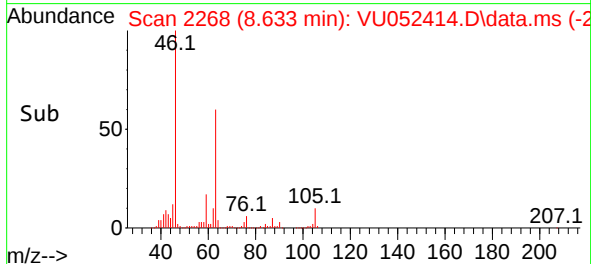
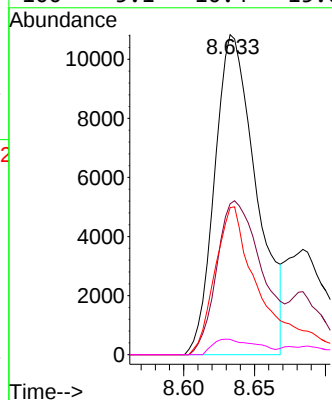
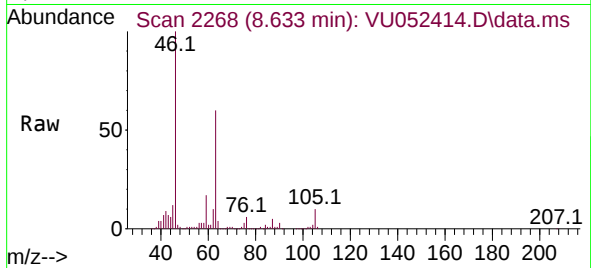




#48
2-Hexanone
Concen: 3.143 ug/L
RT: 8.633 min Scan# 21
Delta R.T. -0.051 min
Lab File: VU052414.D
Acq: 15 Dec 2022 12:25

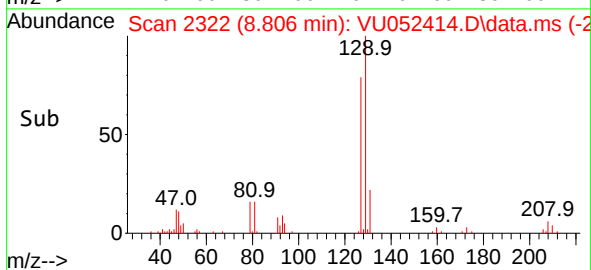
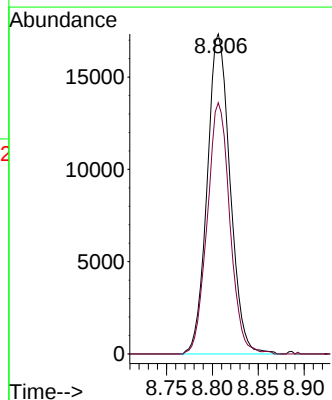
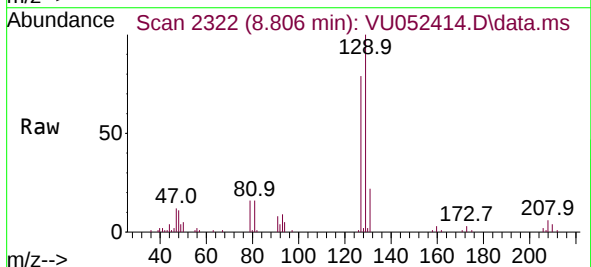
Instrument :
MSVOA_U
ClientSampleId :
B0AA8

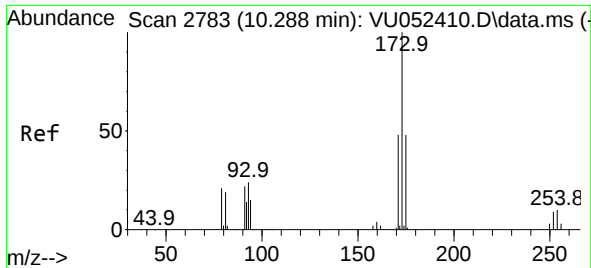
Tgt Ion: 43	Resp: 22137
Ion Ratio	Lower Upper
43 100	
58 52.9	49.4 74.0
57 52.3	16.3 24.5#
100 5.1	10.4 15.6#



#49
Dibromochloromethane
Concen: 1.951 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU052414.D
Acq: 15 Dec 2022 12:25

Tgt Ion:129	Resp: 30205		
Ion Ratio	Lower	Upper	
129 100			
127 78.5	52.8	98.2	

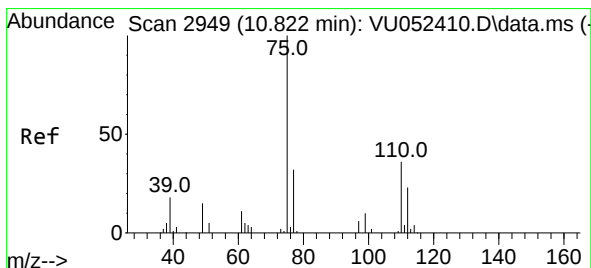
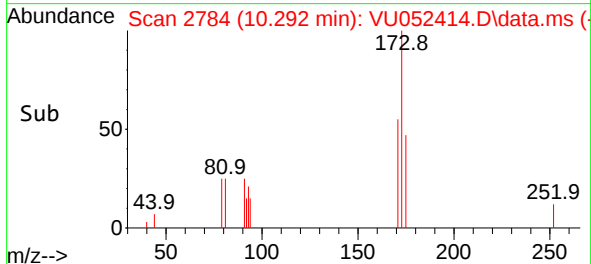
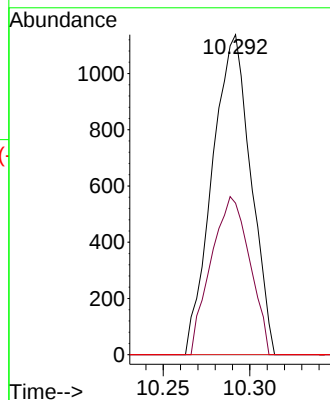
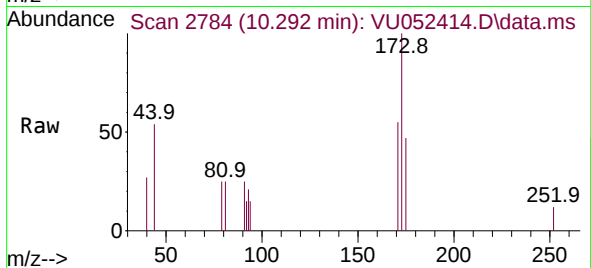




#59
Bromoform
Concen: 0.225 ug/L
RT: 10.292 min Scan# 21
Delta R.T. 0.004 min
Lab File: VU052414.D
Acq: 15 Dec 2022 12:25

Instrument :
MSVOA_U
ClientSampleId :
B0AA8

Tgt Ion:173 Resp: 1762
Ion Ratio Lower Upper
173 100
175 49.5 37.2 55.8
254 0.0 7.0 10.6#



#61
1,2,3-Trichloropropane
Concen: 0.977 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.984 min
Lab File: VU052414.D
Acq: 15 Dec 2022 12:25

Tgt Ion: 75 Resp: 10616
Ion Ratio Lower Upper
75 100
110 1.9 28.3 42.5#
77 33.2 26.2 39.2

