

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112624\
 Data File : VU062043.D
 Acq On : 26 Nov 2024 14:14
 Operator : MD/SY
 Sample : P5017-01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 27 04:19:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

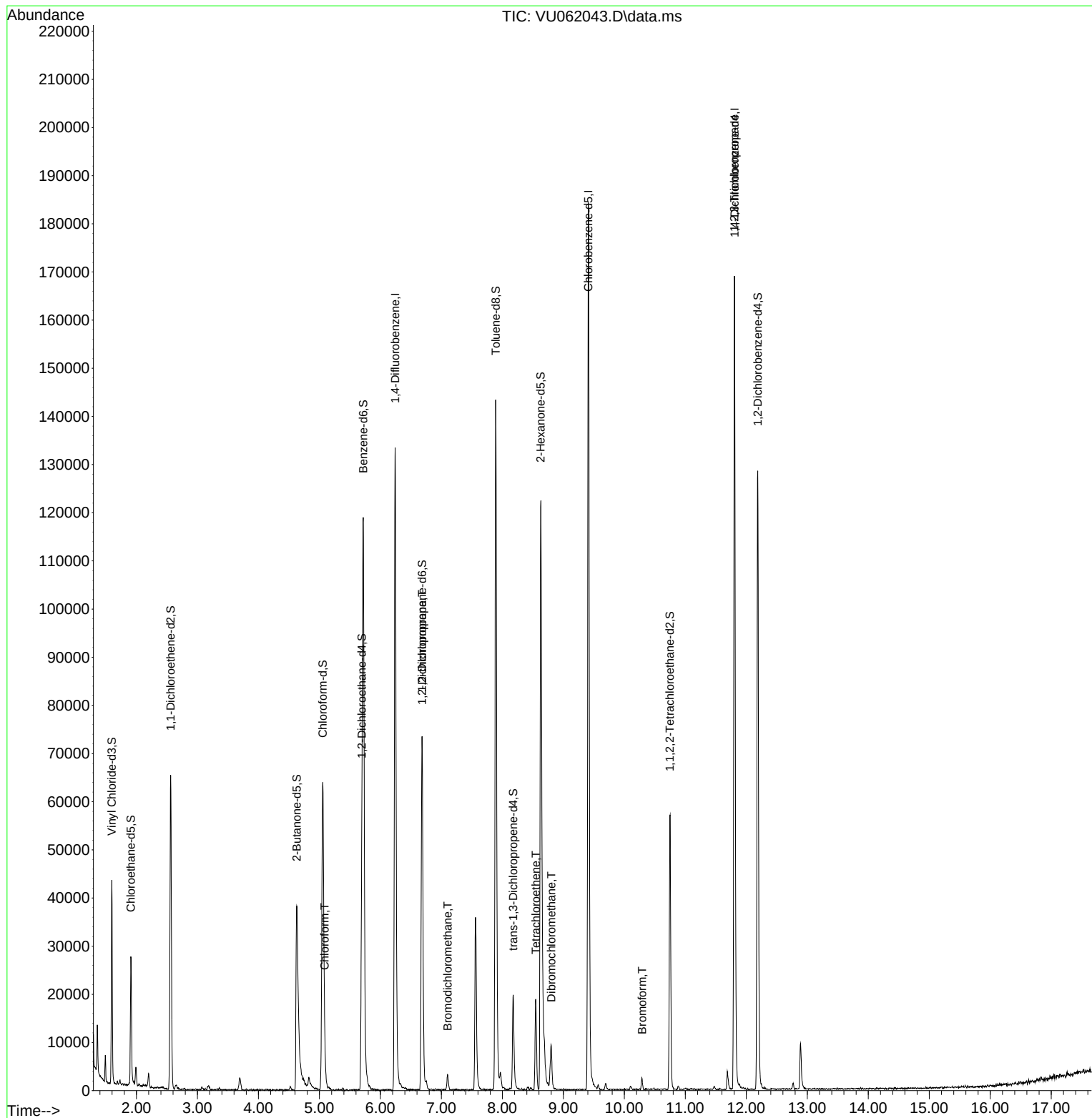
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	109670	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	106937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	47124	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	24570	4.567	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.908	69	19272	4.050	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.560	65	12130	5.644	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.800%
20) 2-Butanone-d5	4.628	46	62461	36.975	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.940%
24) Chloroform-d	5.055	84	61962	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	31846	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.718	84	116612	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
36) 1,2-Dichloropropane-d6	6.682	67	36390	5.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.891	98	102586	5.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
43) trans-1,3-Dichloroprop...	8.177	79	13597	5.188	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.800%
46) 2-Hexanone-d5	8.628	63	45356	37.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.820%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28055	3.966	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	36433	5.229	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
25) Chloroform	5.084	83	6242	0.394	ug/L	90
37) 1,2-Dichloropropane	6.685	63	4125	0.492	ug/L #	87
38) Bromodichloromethane	7.103	83	2502	0.246	ug/L #	90
47) Tetrachloroethene	8.547	164	4317	0.689	ug/L	98
49) Dibromochloromethane	8.801	129	3258	0.499	ug/L	87
59) Bromoform	10.290	173	1134	0.324	ug/L #	96
61) 1,2,3-Trichloropropane	11.804	75	5831	1.070	ug/L #	67

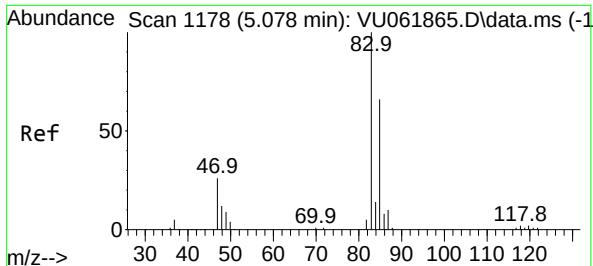
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.394 ug/L

RT: 5.084 min Scan# 1178

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

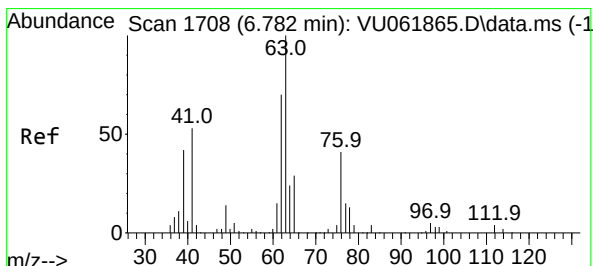
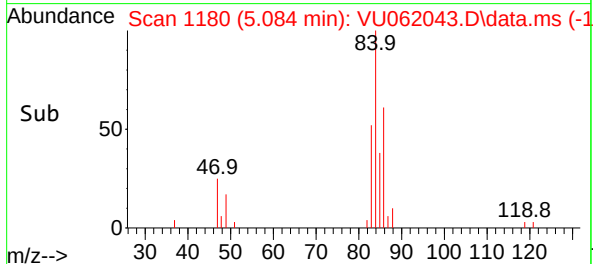
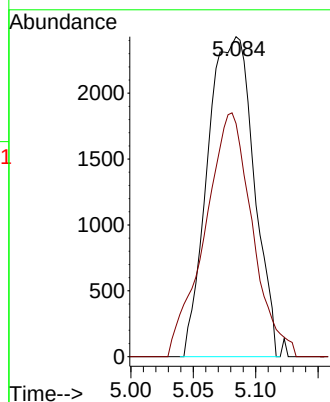
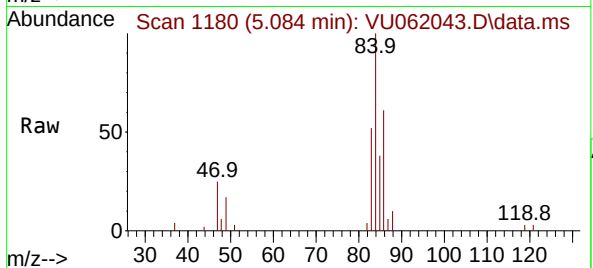
ClientSampleId :

Tgt Ion: 83 Resp: 6242

Ion Ratio Lower Upper

83 100

85 72.9 45.4 84.2



#37

1,2-Dichloropropane

Concen: 0.492 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU062043.D

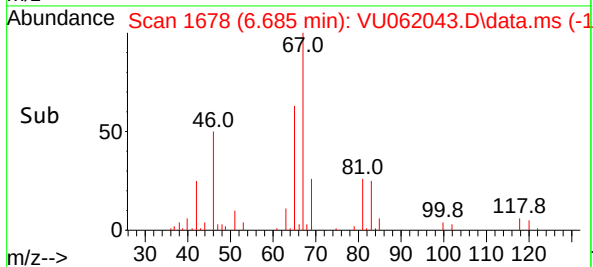
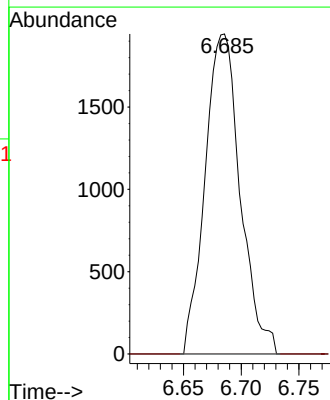
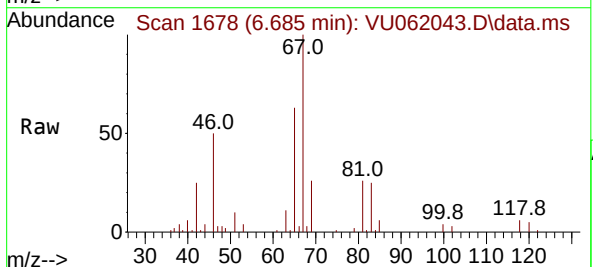
Acq: 26 Nov 2024 14:14

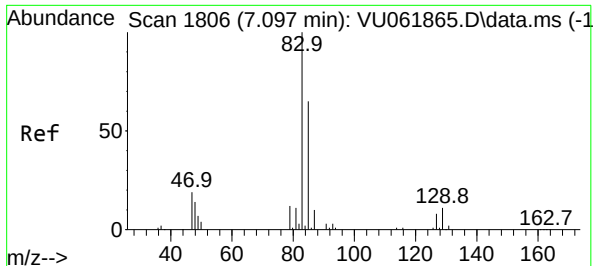
Tgt Ion: 63 Resp: 4125

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#38

Bromodichloromethane

Concen: 0.246 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU062043.D

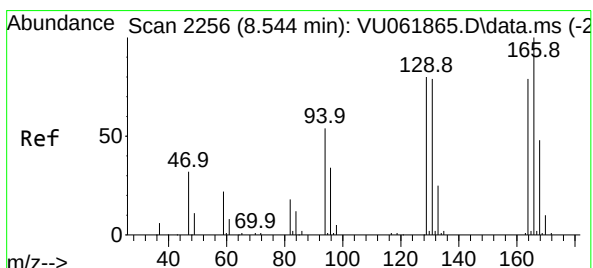
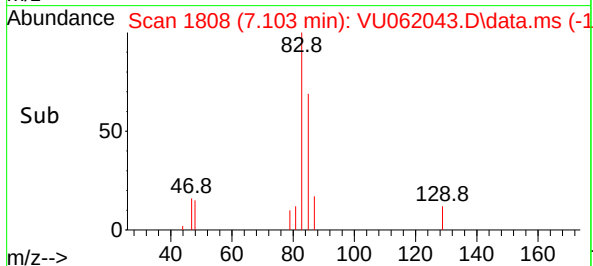
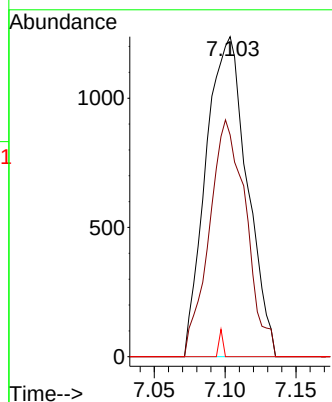
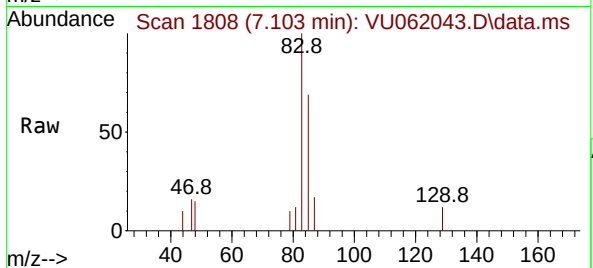
Acq: 26 Nov 2024 14:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	2502
Ion Ratio	Lower	Upper
83	100	
85	69.3	44.1 81.9
127	0.0	6.9 10.3#



#47

Tetrachloroethene

Concen: 0.689 ug/L

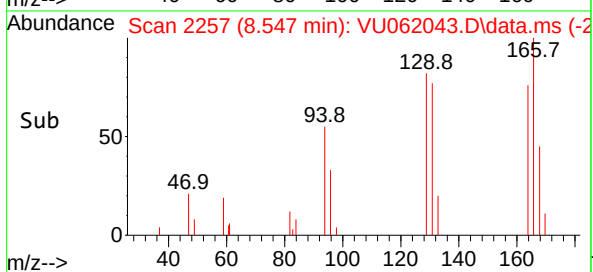
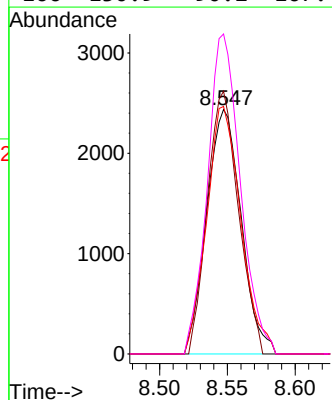
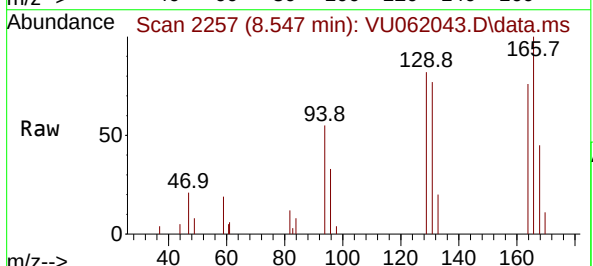
RT: 8.547 min Scan# 2257

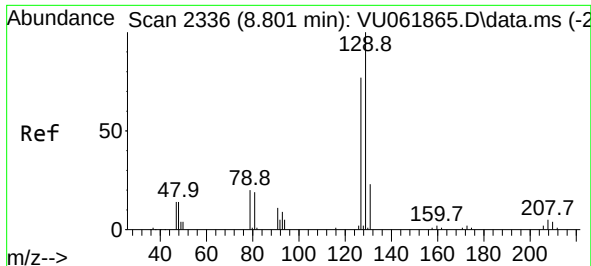
Delta R.T. 0.003 min

Lab File: VU062043.D

Acq: 26 Nov 2024 14:14

Tgt Ion: 164	Resp:	4317
Ion Ratio	Lower	Upper
164	100	
129	107.5	73.2 136.0
131	101.2	72.3 134.3
166	130.9	90.2 167.4

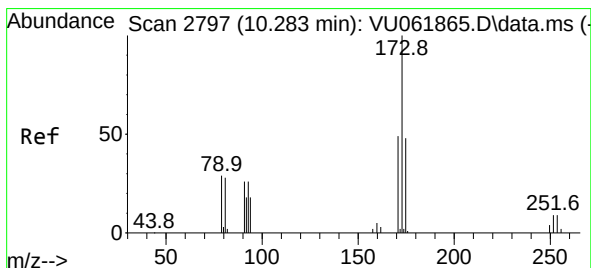
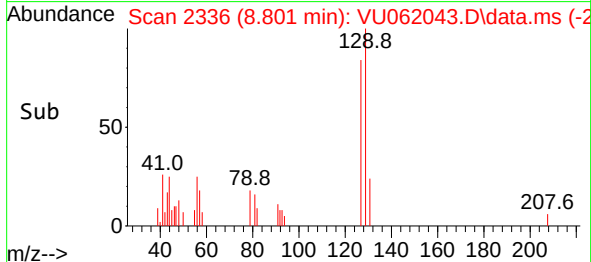
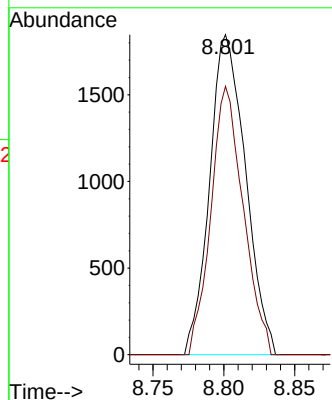
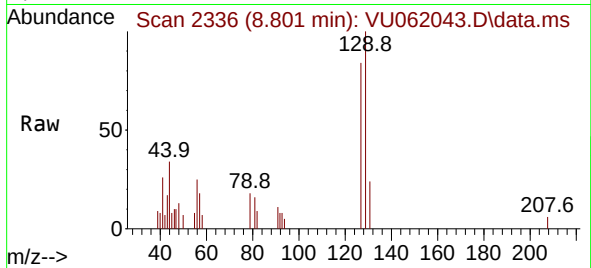




#49
Dibromochloromethane
Concen: 0.499 ug/L
RT: 8.801 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062043.D
Acq: 26 Nov 2024 14:14

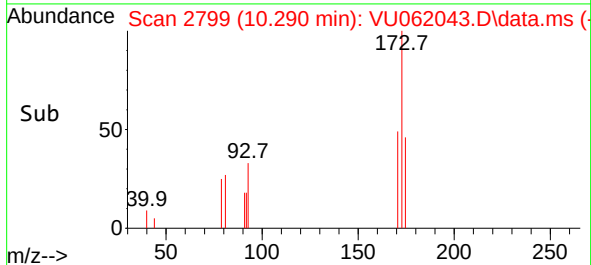
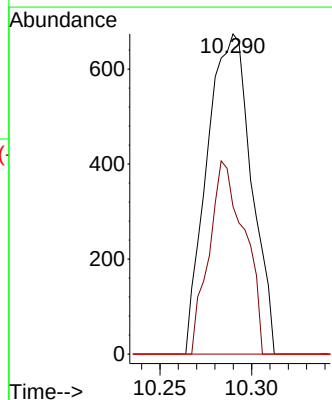
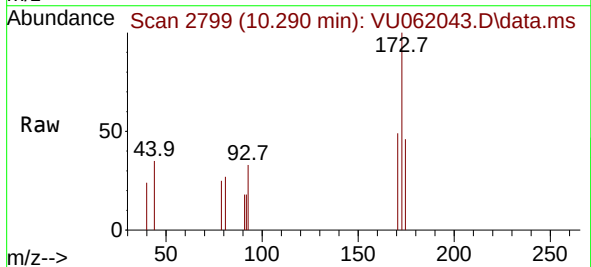
Instrument :
MSVOA_U
ClientSampleId :

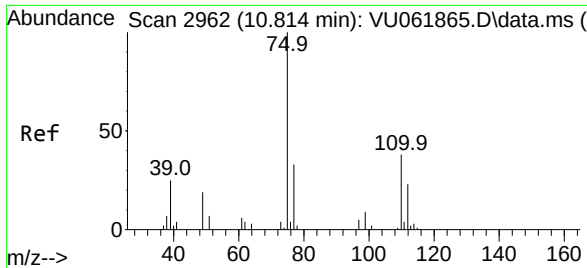
Tgt Ion:129 Resp: 3258
Ion Ratio Lower Upper
129 100
127 83.9 51.1 94.9



#59
Bromoform
Concen: 0.324 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.010 min
Lab File: VU062043.D
Acq: 26 Nov 2024 14:14

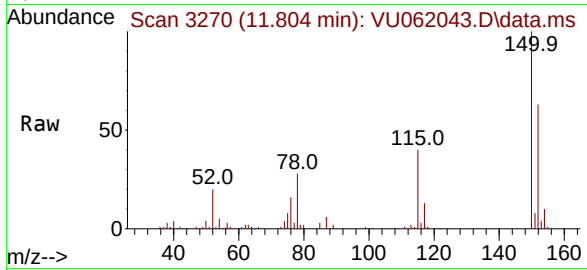
Tgt Ion:173 Resp: 1134
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 0.0 7.4 11.0#





#61
1,2,3-Trichloropropane
Concen: 1.070 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU062043.D
Acq: 26 Nov 2024 14:14

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.3	28.9	43.3#
77	31.7	26.5	39.7

