

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120922\
 Data File : VU052335.D
 Acq On : 10 Dec 2022 04:46
 Operator : JC/MD
 Sample : N5930-14
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA1

Quant Time: Dec 10 05:38:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 08 04:19:43 2022
 Response via : Initial Calibration

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

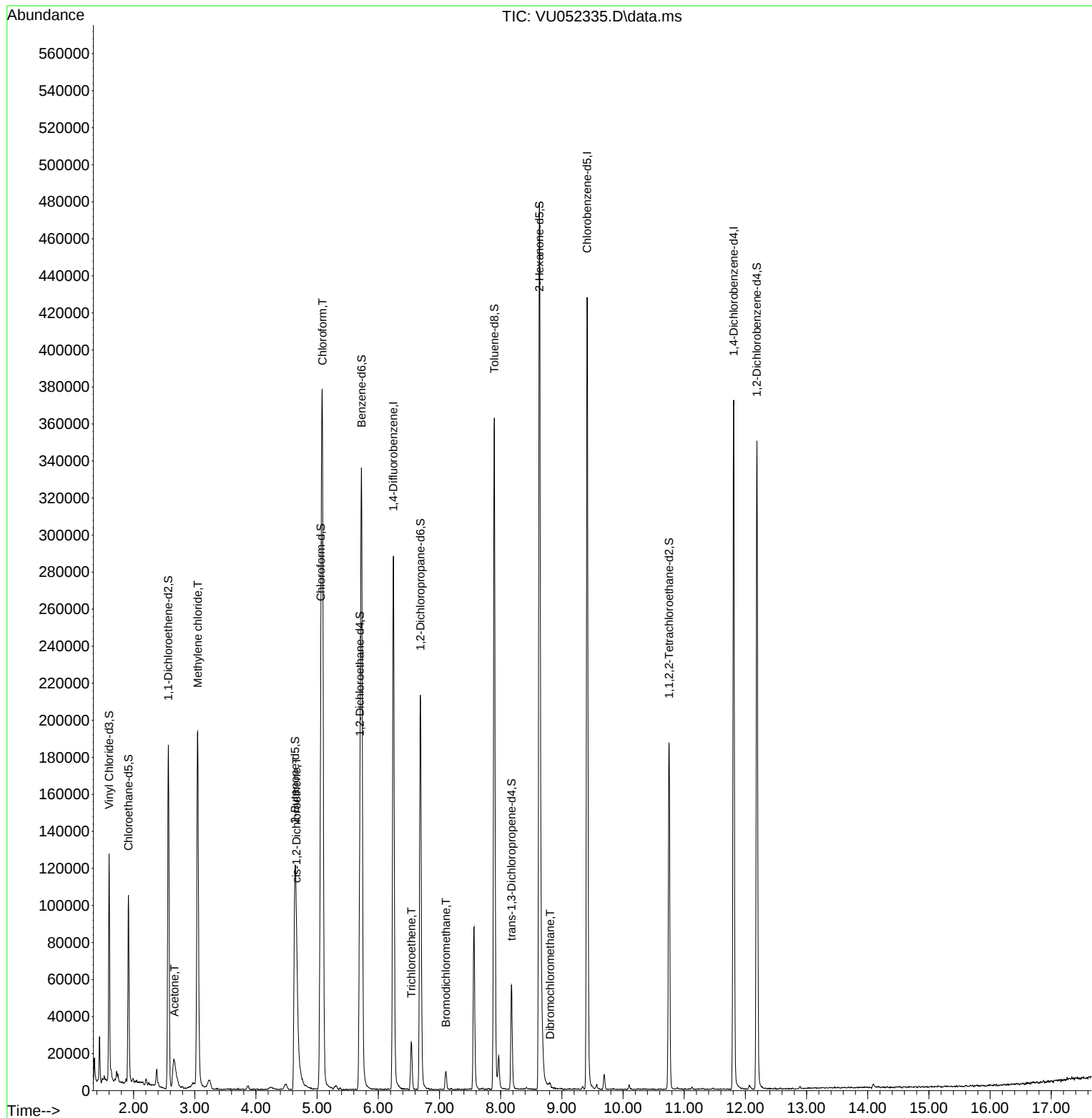
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	240329	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	249748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	103306	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	88843	3.800	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.916	69	77211	4.252	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.568	65	35288	4.211	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.639	46	247551	58.421	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.840%
24) Chloroform-d	5.060	84	172018	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.700	65	85941	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.726	84	332933	4.490	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.687	67	110474	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.896	98	257723	3.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.800%
43) trans-1,3-Dichloroprop...	8.176	79	33367	3.990	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.632	63	164531	46.430	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.860%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	97602	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	98811	4.996	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
13) Acetone	2.668	43	38310	13.314	ug/L	98
16) Methylene chloride	3.047	84	103247	4.377	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	7132	0.364	ug/L	92
25) Chloroform	5.086	83	307440	9.008	ug/L	95
34) Trichloroethene	6.539	95	9124	0.450	ug/L	97
38) Bromodichloromethane	7.105	83	7008	0.273	ug/L #	93
49) Dibromochloromethane	8.809	129	1078	0.061	ug/L	95

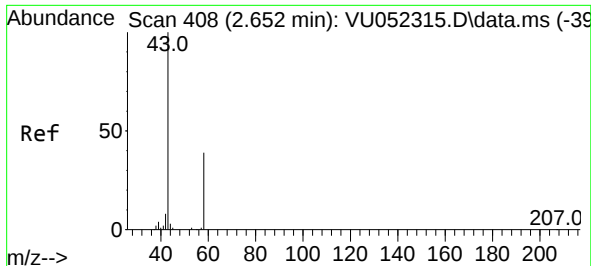
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.314 ug/L

RT: 2.668 min Scan# 413

Delta R.T. 0.023 min

Lab File: VU052335.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_U

ClientSampleId :

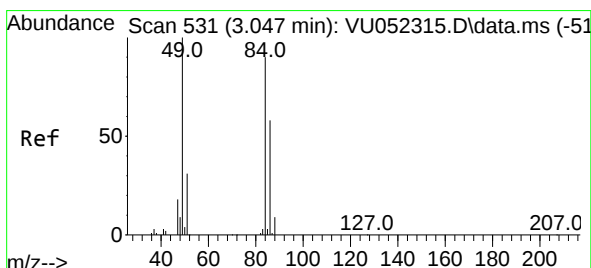
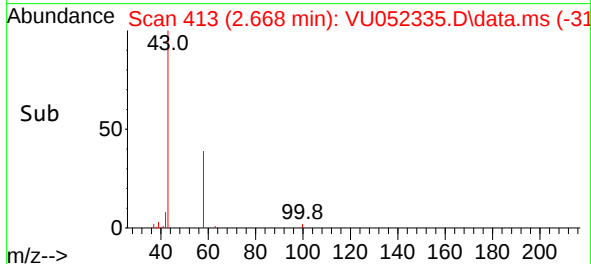
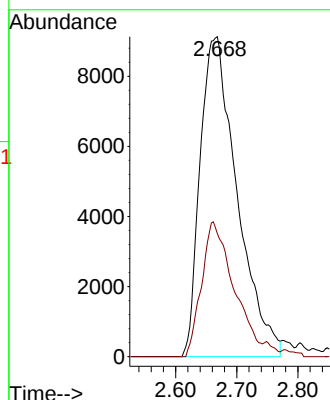
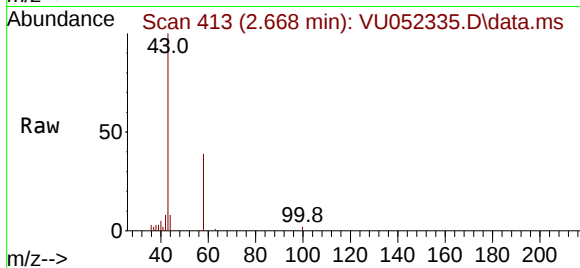
EXZA1

Tgt Ion: 43 Resp: 38310

Ion Ratio Lower Upper

43 100

58 36.8 0.0 76.0



#16

Methylene chloride

Concen: 4.377 ug/L

RT: 3.047 min Scan# 531

Delta R.T. 0.000 min

Lab File: VU052335.D

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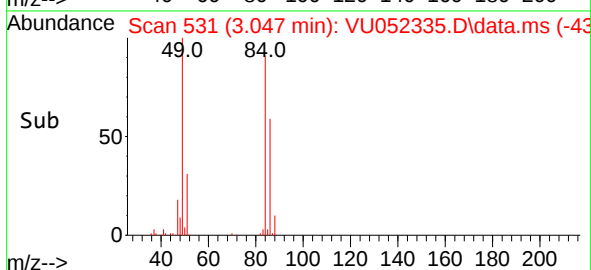
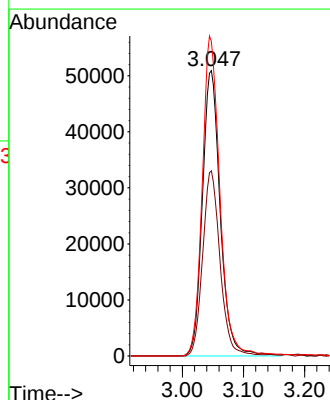
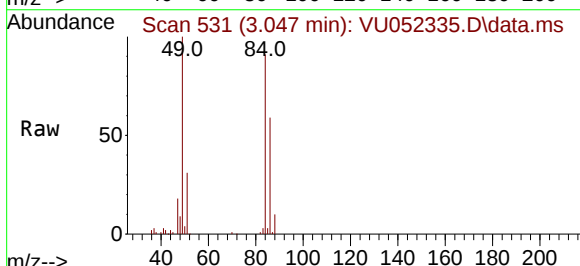
Tgt Ion: 84 Resp: 103247

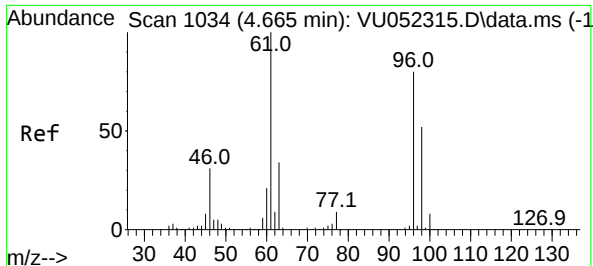
Ion Ratio Lower Upper

84 100

86 64.9 43.8 81.4

49 110.2 75.9 141.1





#22

cis-1,2-Dichloroethene

Concen: 0.364 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU052335.D

Acq: 10 Dec 2022 04:46

Instrument :

MSVOA_U

ClientSampleId :

EXZA1

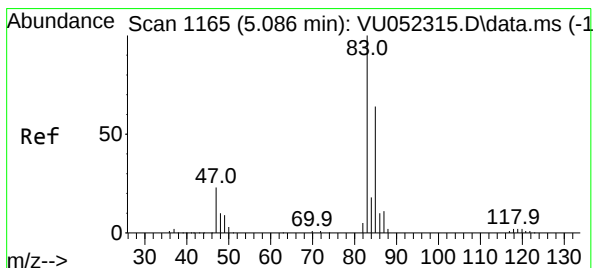
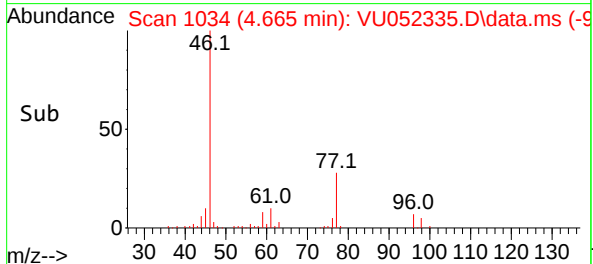
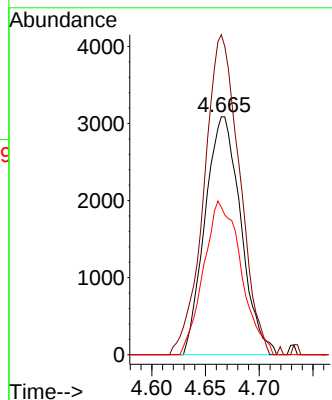
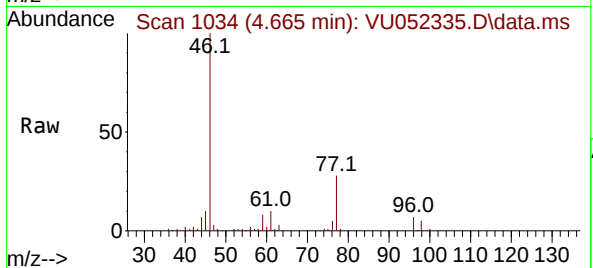
Tgt Ion: 96 Resp: 7132

Ion Ratio Lower Upper

96 100

61 134.5 85.1 158.1

98 61.9 42.8 79.6



#25

Chloroform

Concen: 9.008 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU052335.D

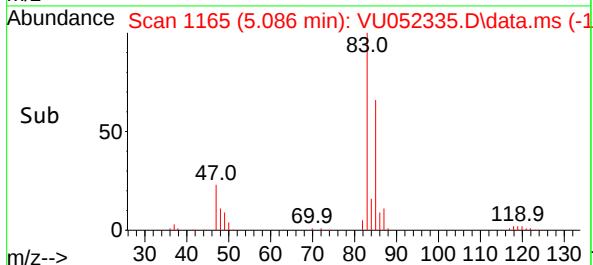
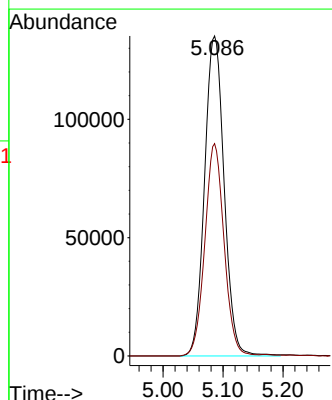
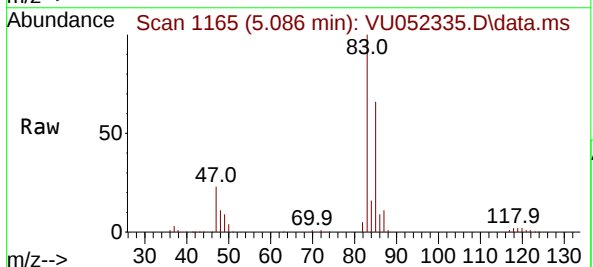
Acq: 10 Dec 2022 04:46

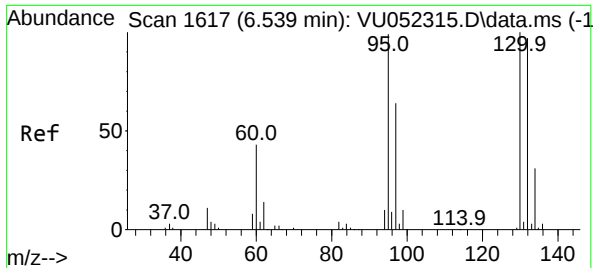
Tgt Ion: 83 Resp: 307440

Ion Ratio Lower Upper

83 100

85 66.4 43.8 81.4

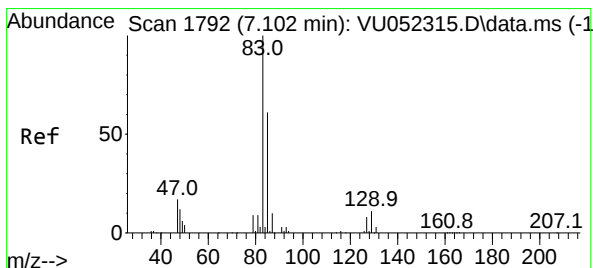
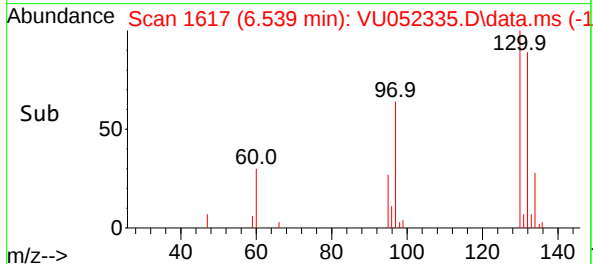
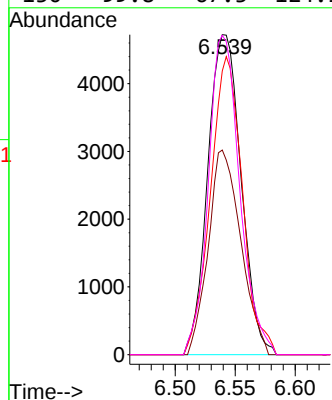
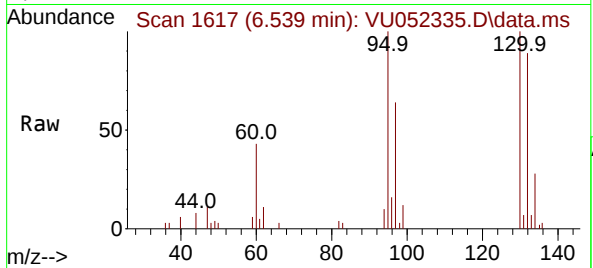




#34
Trichloroethene
Concen: 0.450 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU052335.D
Acq: 10 Dec 2022 04:46

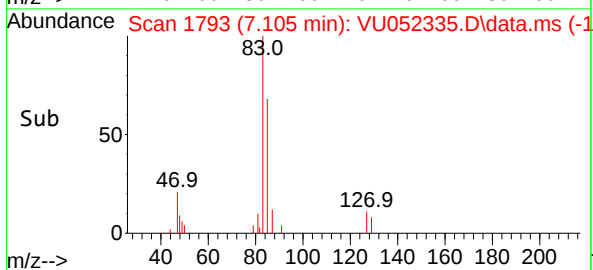
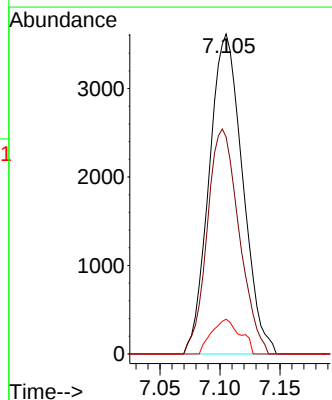
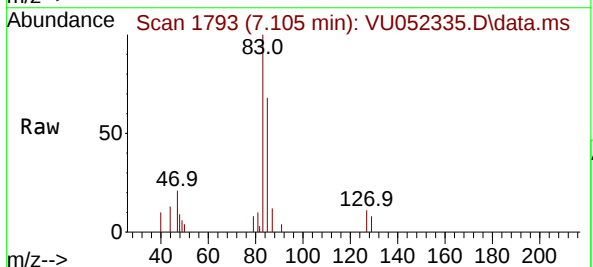
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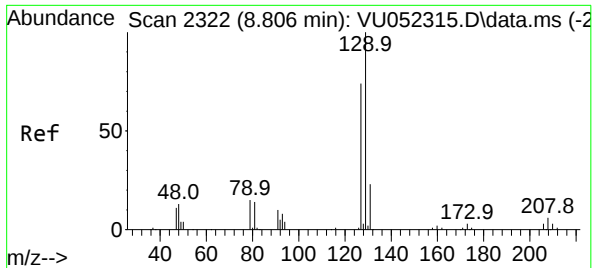
Tgt Ion: 95 Resp: 9124
Ion Ratio Lower Upper
95 100
97 64.0 43.7 81.1
132 88.7 64.3 119.3
130 99.8 67.3 124.9



#38
Bromodichloromethane
Concen: 0.273 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.003 min
Lab File: VU052335.D
Acq: 10 Dec 2022 04:46

Tgt Ion: 83 Resp: 7008
Ion Ratio Lower Upper
83 100
85 67.8 43.5 80.9
127 10.8 6.8 10.2#





#49
 Dibromochloromethane
 Concen: 0.061 ug/L
 RT: 8.809 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052335.D
 Acq: 10 Dec 2022 04:46

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZA1

Tgt Ion:129 Resp: 1078
 Ion Ratio Lower Upper
 129 100
 127 79.8 52.8 98.2

