

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057043.D
 Acq On : 19 Dec 2023 14:45
 Operator : MD/SY
 Sample : 05830-03 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 20 04:57:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

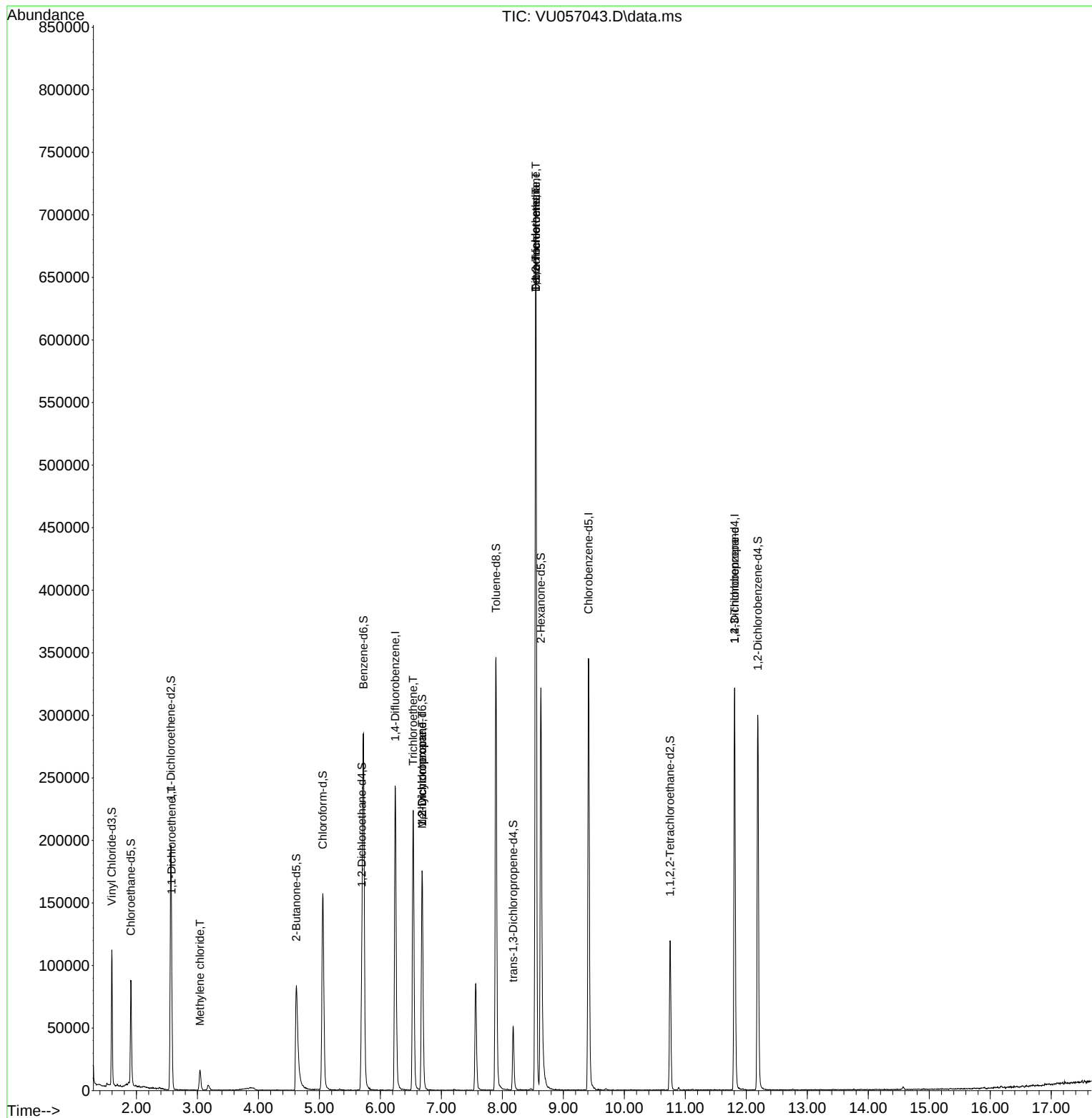
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	196321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	203210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84148	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	76203	4.528	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	90.600%	
7) Chloroethane-d5	1.907	69	59525	4.727	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.600%	
11) 1,1-Dichloroethene-d2	2.563	65	32505	4.515	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.200%	
20) 2-Butanone-d5	4.621	46	138431	41.655	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.300%	
24) Chloroform-d	5.055	84	151163	4.744	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.695	65	70985	4.707	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.721	84	278205	4.414	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.682	67	86114	4.365	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.894	98	236401	4.196	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	8.177	79	31871	4.166	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.631	63	110914	38.438	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.880%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	61244	4.291	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	80134	4.844	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.576	96	15914	0.998	ug/L #	3
16) Methylene chloride	3.039	84	8271	0.476	ug/L	90
34) Trichloroethene	6.538	95	82639	4.218	ug/L	97
35) Methylcyclohexane	6.685	83	19299	0.668	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	8854	0.485	ug/L #	88
45) 1,1,2-Trichloroethane	8.547	97	1589	0.129	ug/L #	1
47) Tetrachloroethene	8.547	164	150792	10.999	ug/L	100
49) Dibromochloromethane	8.547	129	154507	10.884	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	10214	1.130	ug/L #	72

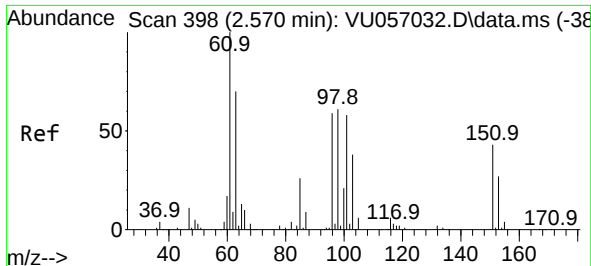
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 04:54:16 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.998 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

Instrument :

MSVOA_U

ClientSampleId :

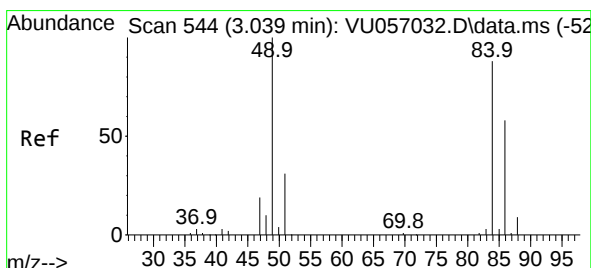
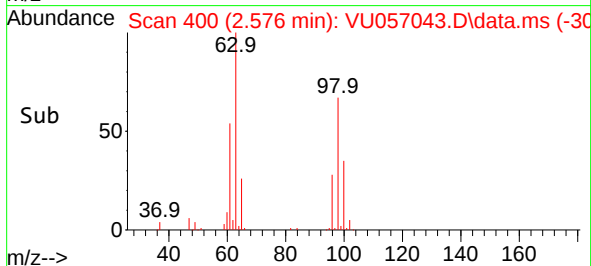
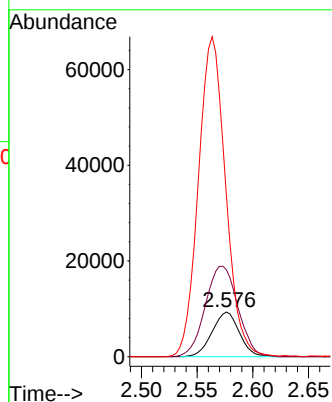
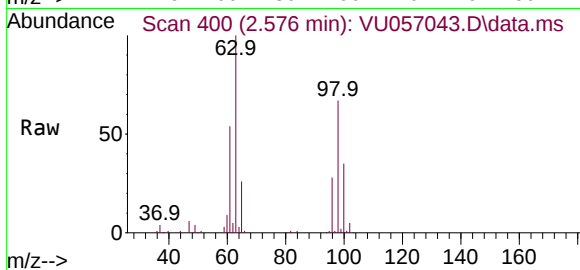
Tgt Ion: 96 Resp: 15914

Ion Ratio Lower Upper

96 100

61 194.5 119.0 221.0

63 359.7 88.7 164.7#



#16

Methylene chloride

Concen: 0.476 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

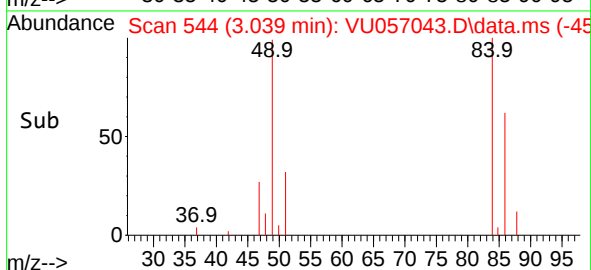
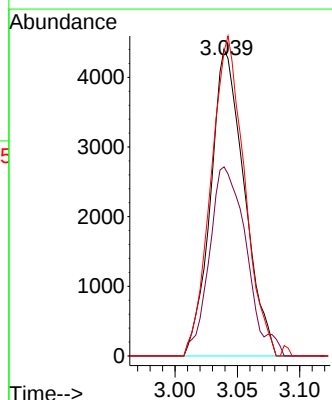
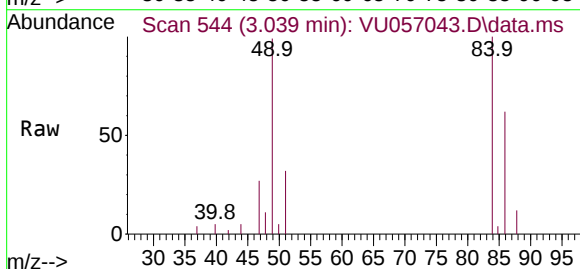
Tgt Ion: 84 Resp: 8271

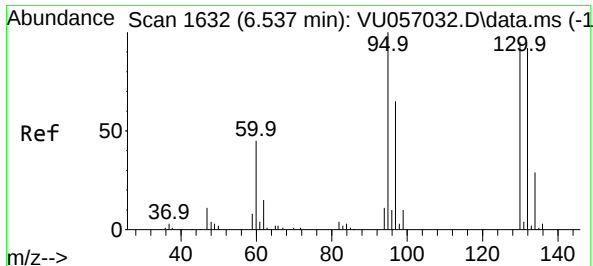
Ion Ratio Lower Upper

84 100

86 61.6 43.6 81.0

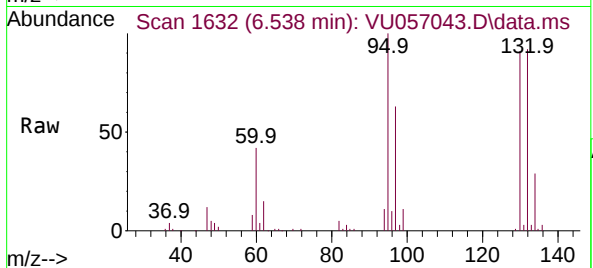
49 99.1 80.6 149.6



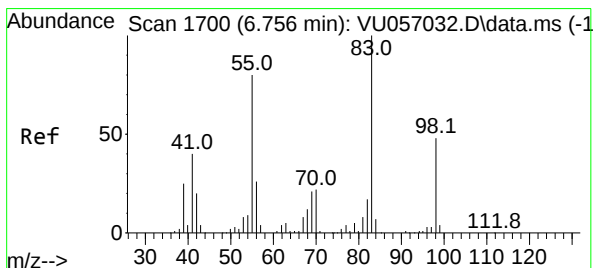
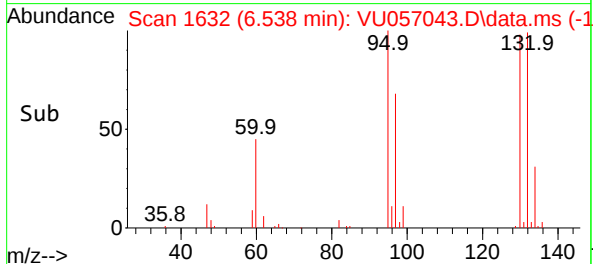
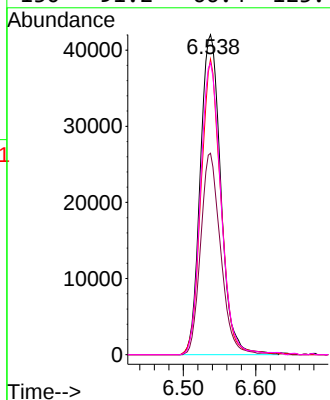


#34
Trichloroethene
Concen: 4.218 ug/L
RT: 6.538 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VU057043.D
Acq: 19 Dec 2023 14:45

Instrument :
MSVOA_U
ClientSampleId :

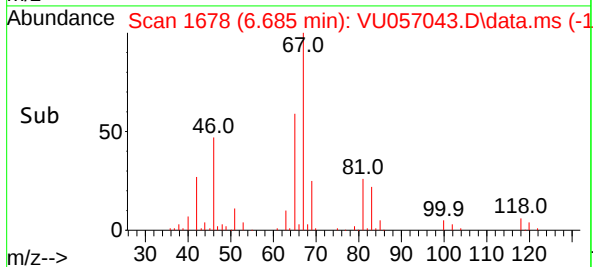
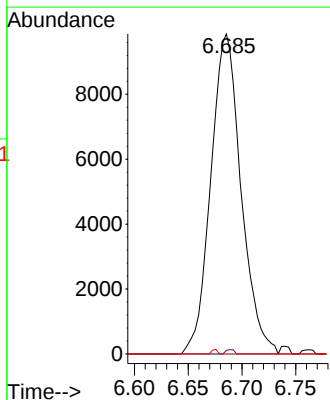
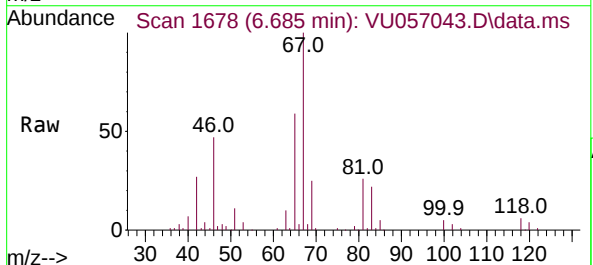


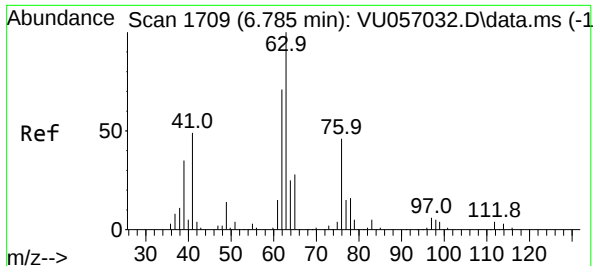
Tgt Ion:	95	Resp:	82639
Ion	Ratio	Lower	Upper
95	100		
97	62.9	46.1	85.5
132	92.3	63.6	118.0
130	91.2	66.4	123.4



#35
Methylcyclohexane
Concen: 0.668 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057043.D
Acq: 19 Dec 2023 14:45

Tgt Ion:	83	Resp:	19299
Ion	Ratio	Lower	Upper
83	100		
55	0.4	64.6	97.0#
98	3.2	36.1	54.1#





#37

1,2-Dichloropropane

Concen: 0.485 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

Instrument :

MSVOA_U

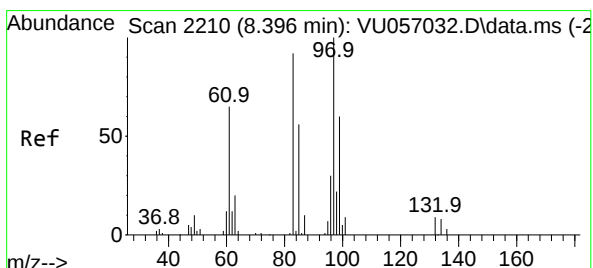
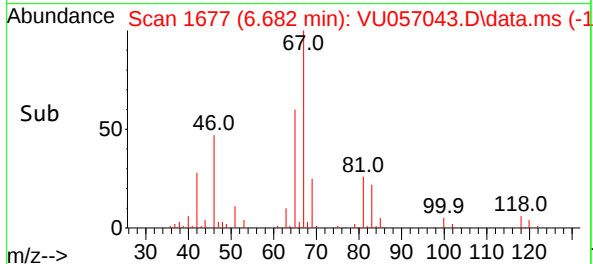
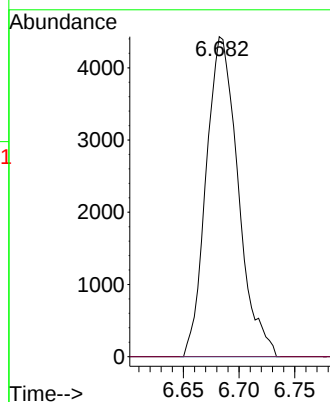
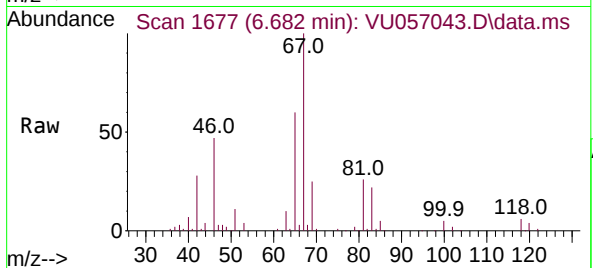
ClientSampleId :

Tgt Ion: 63 Resp: 8854

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#45

1,1,2-Trichloroethane

Concen: 0.129 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.151 min

Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

Tgt Ion: 97 Resp: 1589

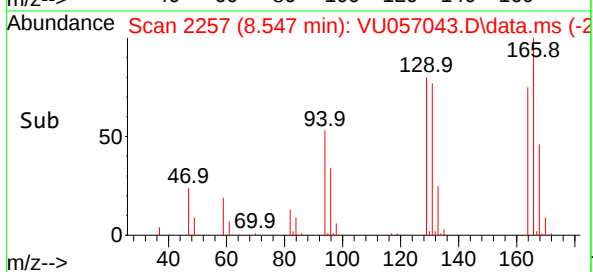
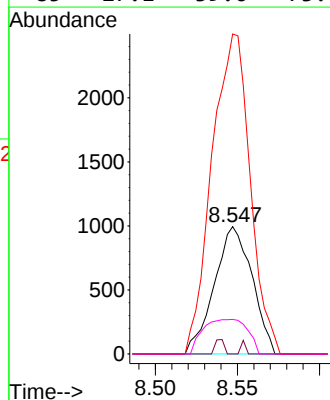
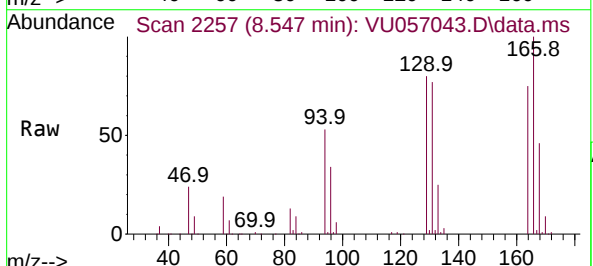
Ion Ratio Lower Upper

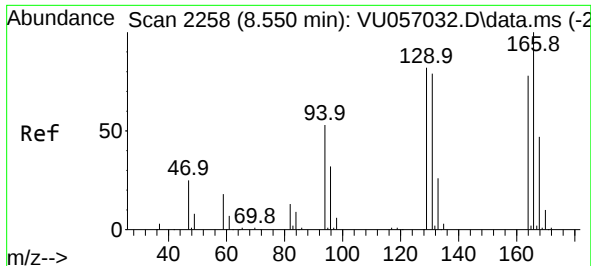
97 100

99 0.0 41.9 77.9#

83 251.2 59.1 109.7#

85 27.1 39.6 73.6#





#47

Tetrachloroethene

Concen: 10.999 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

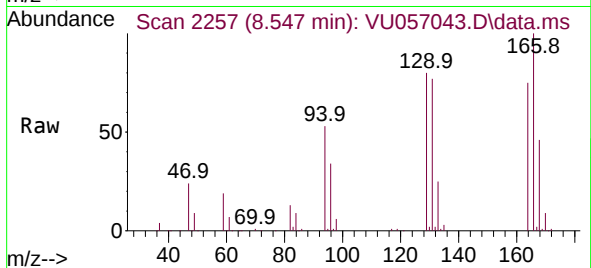
Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 150792

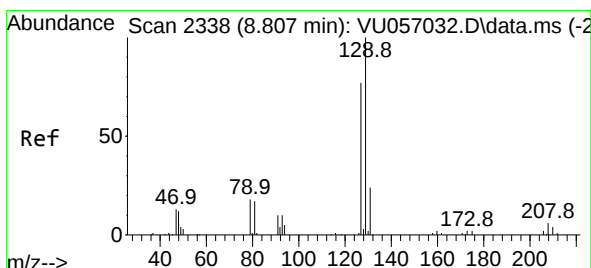
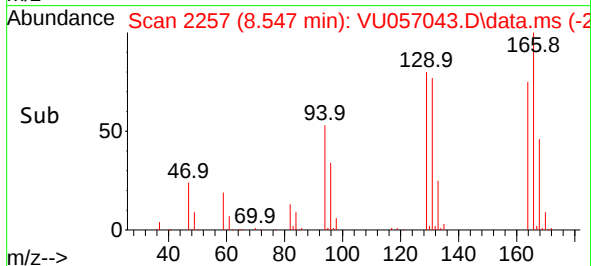
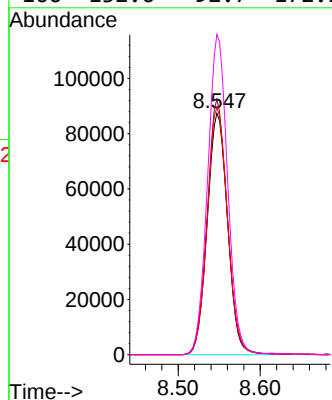
Ion Ratio Lower Upper

164 100

129 105.9 73.4 136.4

131 102.5 71.5 132.9

166 132.6 92.7 172.1



#49

Dibromochloromethane

Concen: 10.884 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.260 min

Lab File: VU057043.D

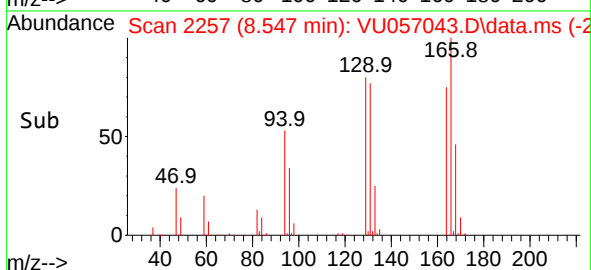
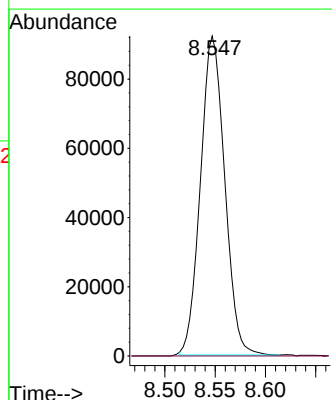
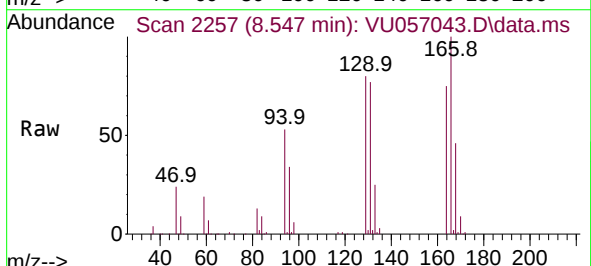
Acq: 19 Dec 2023 14:45

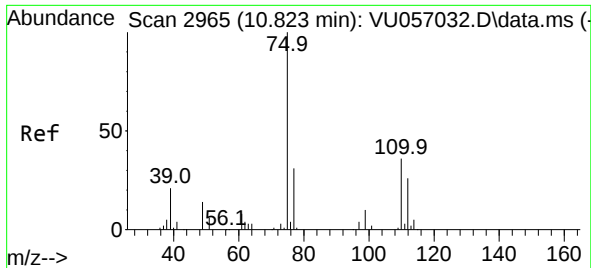
Tgt Ion:129 Resp: 154507

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#





#61

1,2,3-Trichloropropane

Concen: 1.130 ug/L

RT: 11.807 min Scan# 31

Delta R.T. 0.984 min

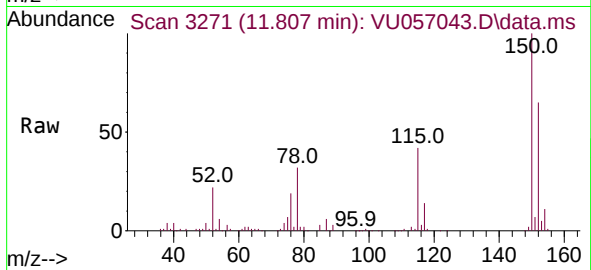
Lab File: VU057043.D

Acq: 19 Dec 2023 14:45

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 10214

Ion Ratio Lower Upper

75 100

110 3.5 28.4 42.6#

77 32.9 26.3 39.5

