

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040224\
 Data File : VU058335.D
 Acq On : 02 Apr 2024 13:30
 Operator : MD/SY
 Sample : P1929-02DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 03 02:03:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 03 01:56:26 2024
 Response via : Initial Calibration

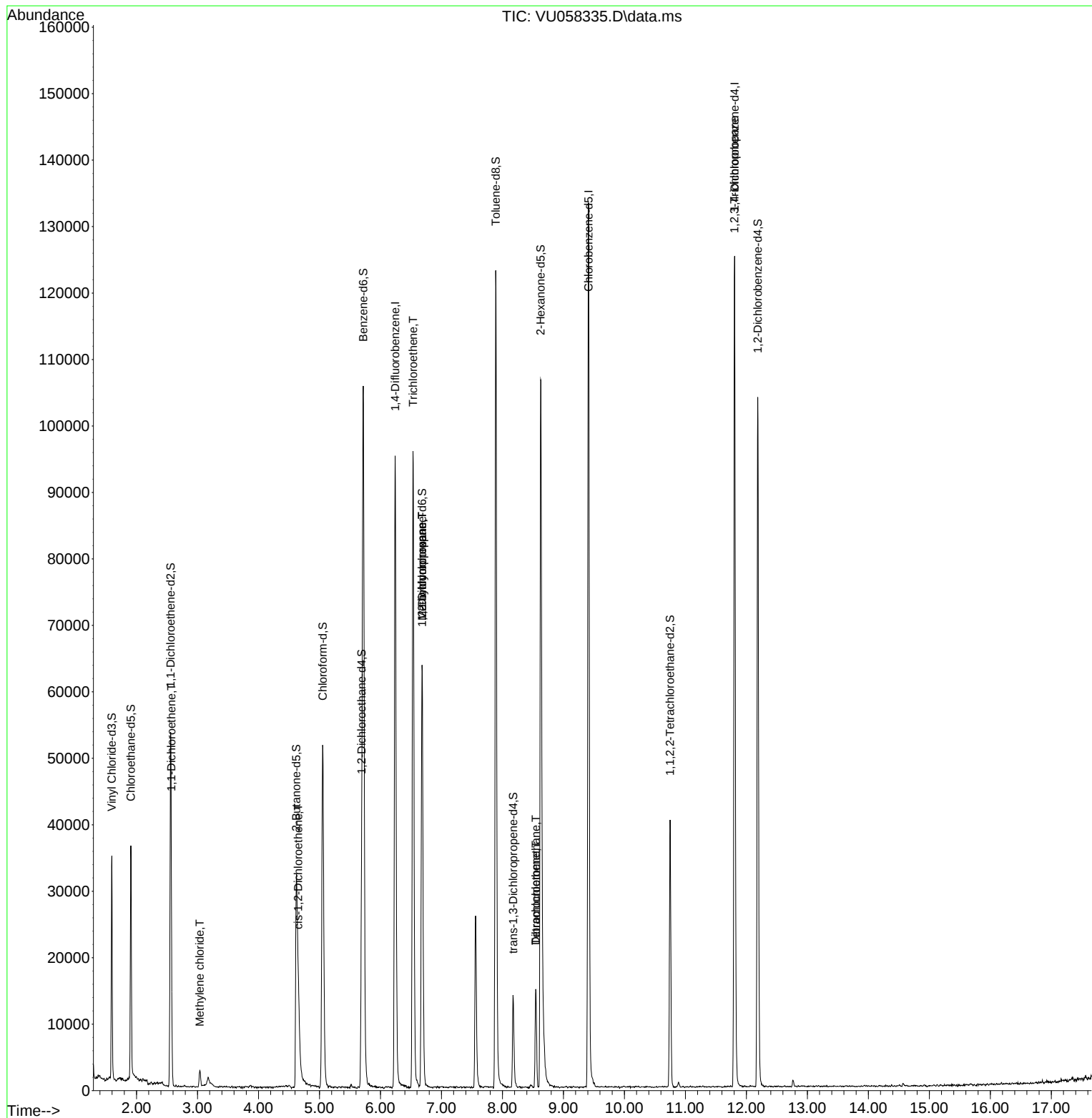
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	76308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	74182	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	33480	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22790	3.534	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.600%
7) Chloroethane-d5	1.907	69	23426	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.560	65	10180	3.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.000%
20) 2-Butanone-d5	4.621	46	53110	46.359	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.052	84	48651	4.220	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.692	65	24249	4.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.717	84	99305	4.122	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	6.682	67	31709	4.465	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.400%
41) Toluene-d8	7.891	98	83067	3.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.177	79	8793	3.865	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.627	63	38755	42.059	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.120%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20677	4.470	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	26997	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	793	0.207	ug/L #	1
16) Methylene chloride	3.036	84	1258	0.232	ug/L	81
22) cis-1,2-Dichloroethene	4.653	96	3160	0.640	ug/L	92
34) Trichloroethene	6.534	95	33238	6.548	ug/L	98
35) Methylcyclohexane	6.682	83	6442	0.910	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	3359	0.617	ug/L #	90
47) Tetrachloroethene	8.547	164	3172	0.933	ug/L	93
49) Dibromochloromethane	8.547	129	3279	0.874	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	4570	1.630	ug/L #	67

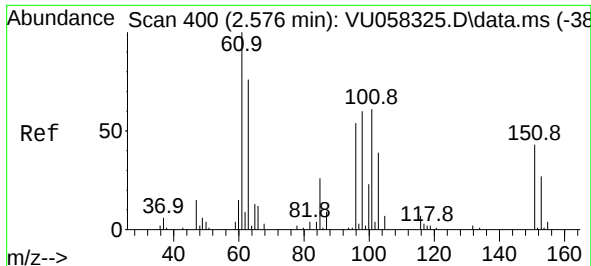
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.207 ug/L

RT: 2.570 min Scan# 30

Delta R.T. -0.006 min

Lab File: VU058335.D

Acq: 02 Apr 2024 13:30

Instrument :

MSVOA_U

ClientSampleId :

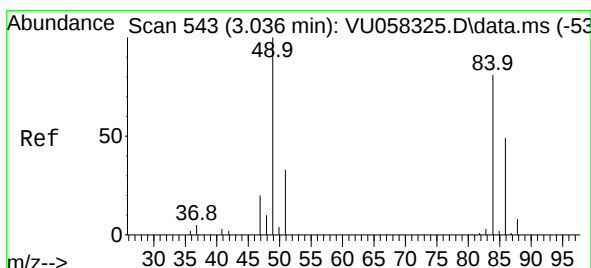
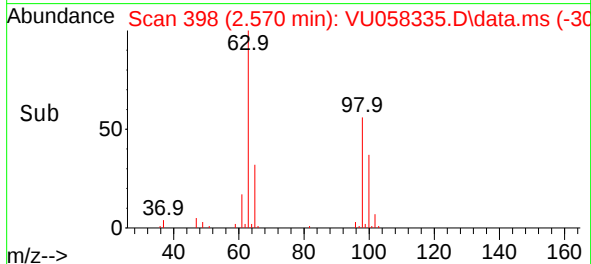
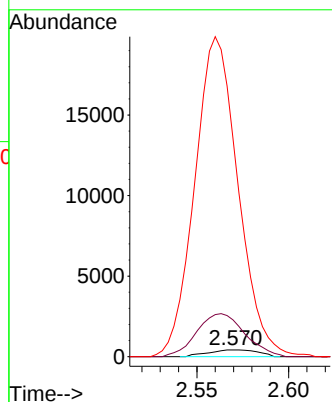
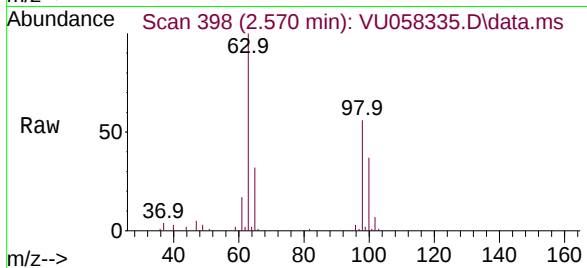
Tgt Ion: 96 Resp: 793

Ion Ratio Lower Upper

96 100

61 543.3 128.1 237.9#

63 3223.8 116.8 217.0#



#16

Methylene chloride

Concen: 0.232 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

Lab File: VU058335.D

Acq: 02 Apr 2024 13:30

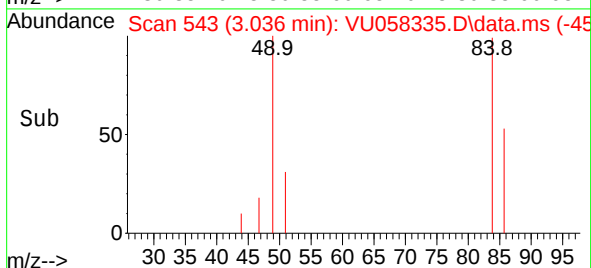
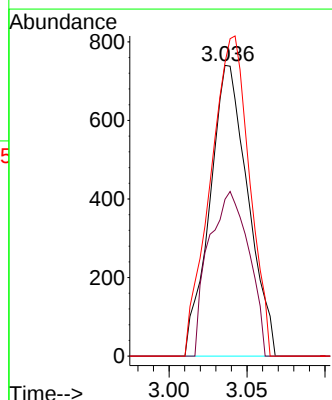
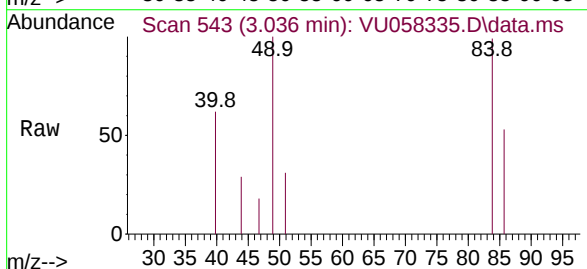
Tgt Ion: 84 Resp: 1258

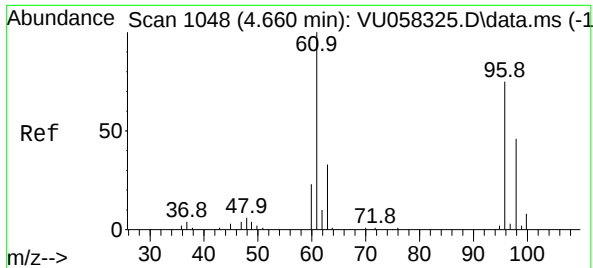
Ion Ratio Lower Upper

84 100

86 53.9 45.6 84.6

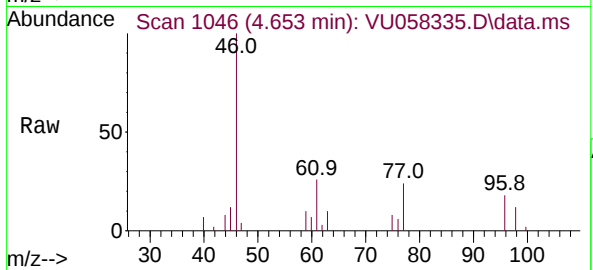
49 100.9 88.3 163.9



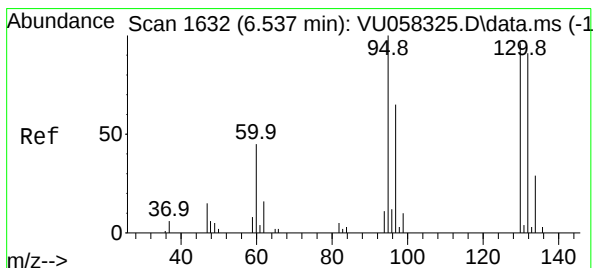
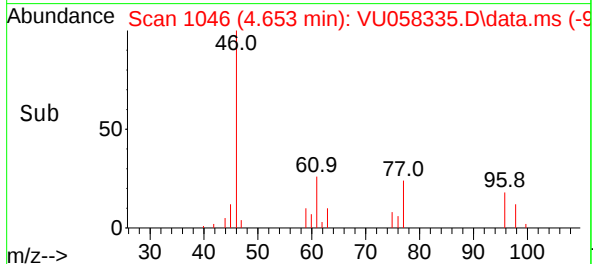
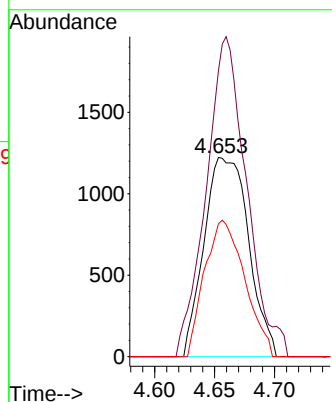


#22
cis-1,2-Dichloroethene
Concen: 0.640 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

Instrument :
MSVOA_U
ClientSampleId :

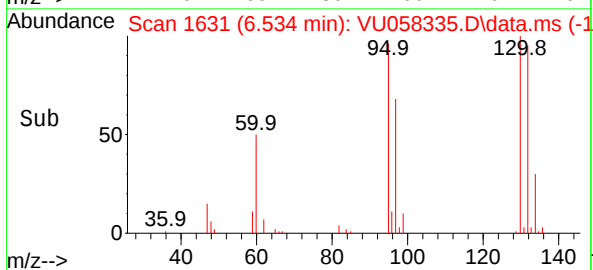
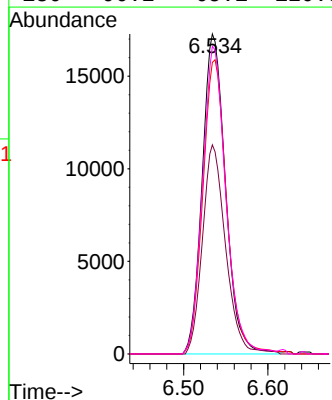
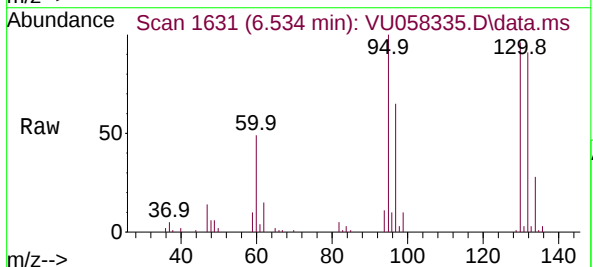


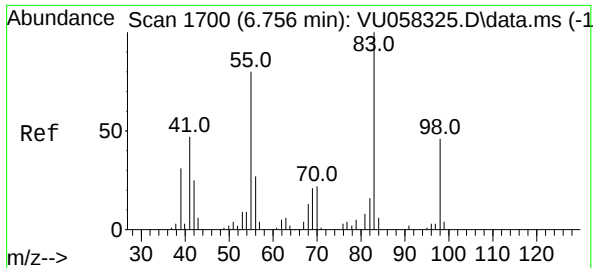
Tgt Ion: 96 Resp: 3160
Ion Ratio Lower Upper
96 100
61 143.5 92.8 172.4
98 66.7 43.2 80.2



#34
Trichloroethene
Concen: 6.548 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU058335.D
Acq: 02 Apr 2024 13:30

Tgt Ion: 95 Resp: 33238
Ion Ratio Lower Upper
95 100
97 65.4 47.7 88.7
132 91.1 63.6 118.2
130 96.2 65.1 120.9





#35

Methylcyclohexane

Concen: 0.910 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058335.D

Acq: 02 Apr 2024 13:30

Instrument :

MSVOA_U

ClientSampleId :

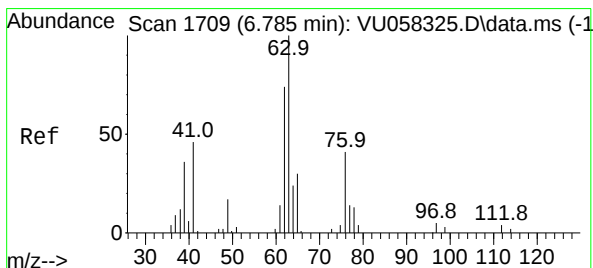
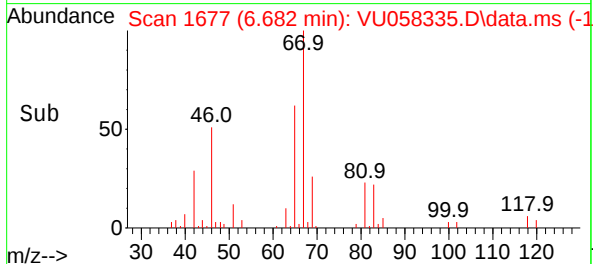
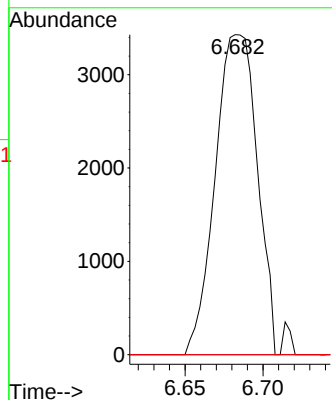
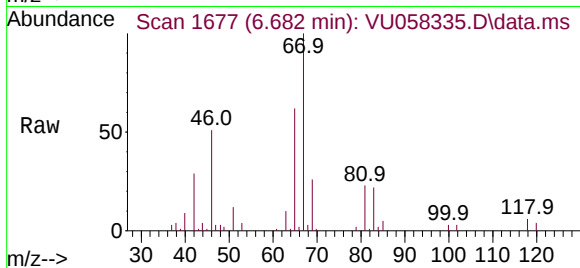
Tgt Ion: 83 Resp: 6442

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 37.3 55.9#



#37

1,2-Dichloropropane

Concen: 0.617 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU058335.D

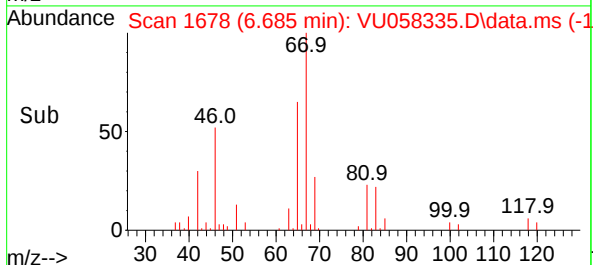
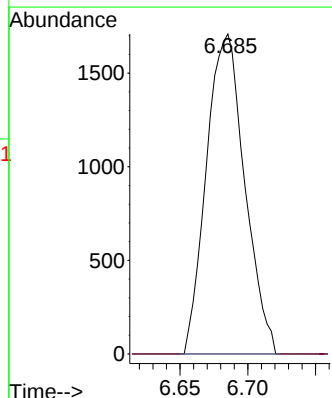
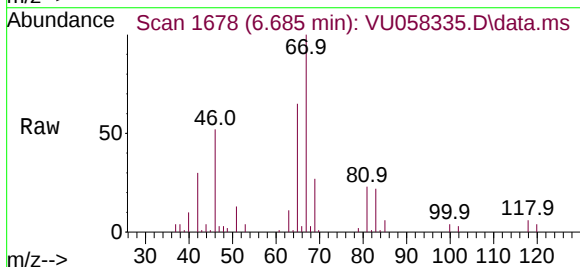
Acq: 02 Apr 2024 13:30

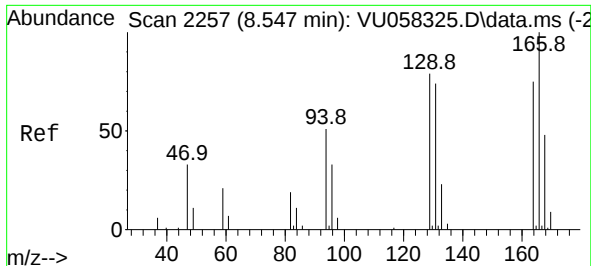
Tgt Ion: 63 Resp: 3359

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#





#47

Tetrachloroethene

Concen: 0.933 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

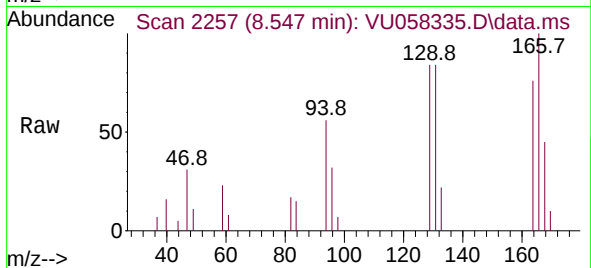
Lab File: VU058335.D

Acq: 02 Apr 2024 13:30

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 3172

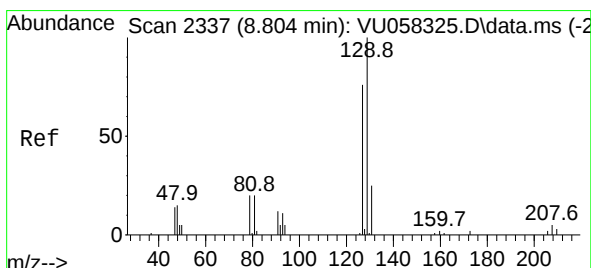
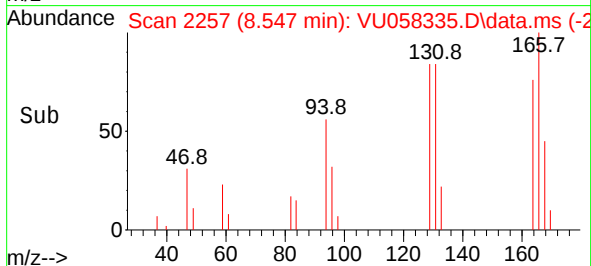
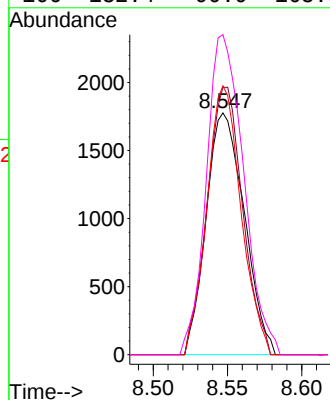
Ion Ratio Lower Upper

164 100

129 110.6 71.3 132.3

131 111.2 70.8 131.4

166 132.4 90.9 168.9



#49

Dibromochloromethane

Concen: 0.874 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU058335.D

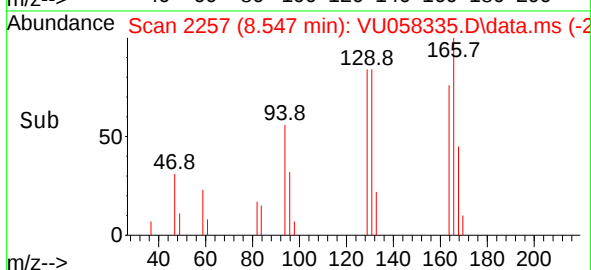
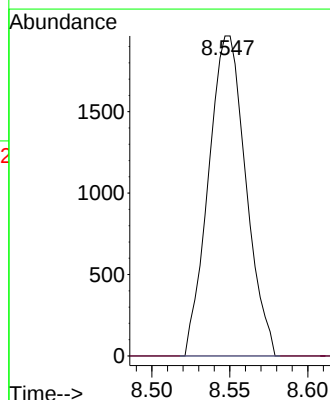
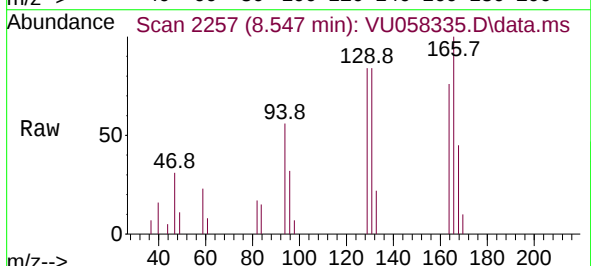
Acq: 02 Apr 2024 13:30

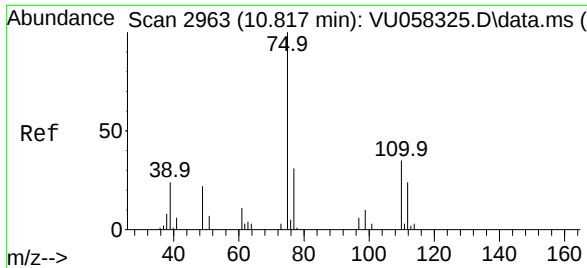
Tgt Ion:129 Resp: 3279

Ion Ratio Lower Upper

129 100

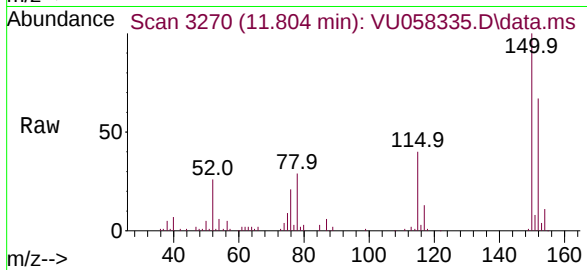
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.630 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU058335.D
 Acq: 02 Apr 2024 13:30

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4570
 Ion Ratio Lower Upper
 75 100
 110 0.0 28.1 42.1#
 77 32.3 25.1 37.7

