

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058827.D
 Acq On : 06 May 2024 12:14
 Operator : MD/SY
 Sample : P2392-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:09:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 07 01:07:14 2024
 Response via : Initial Calibration

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

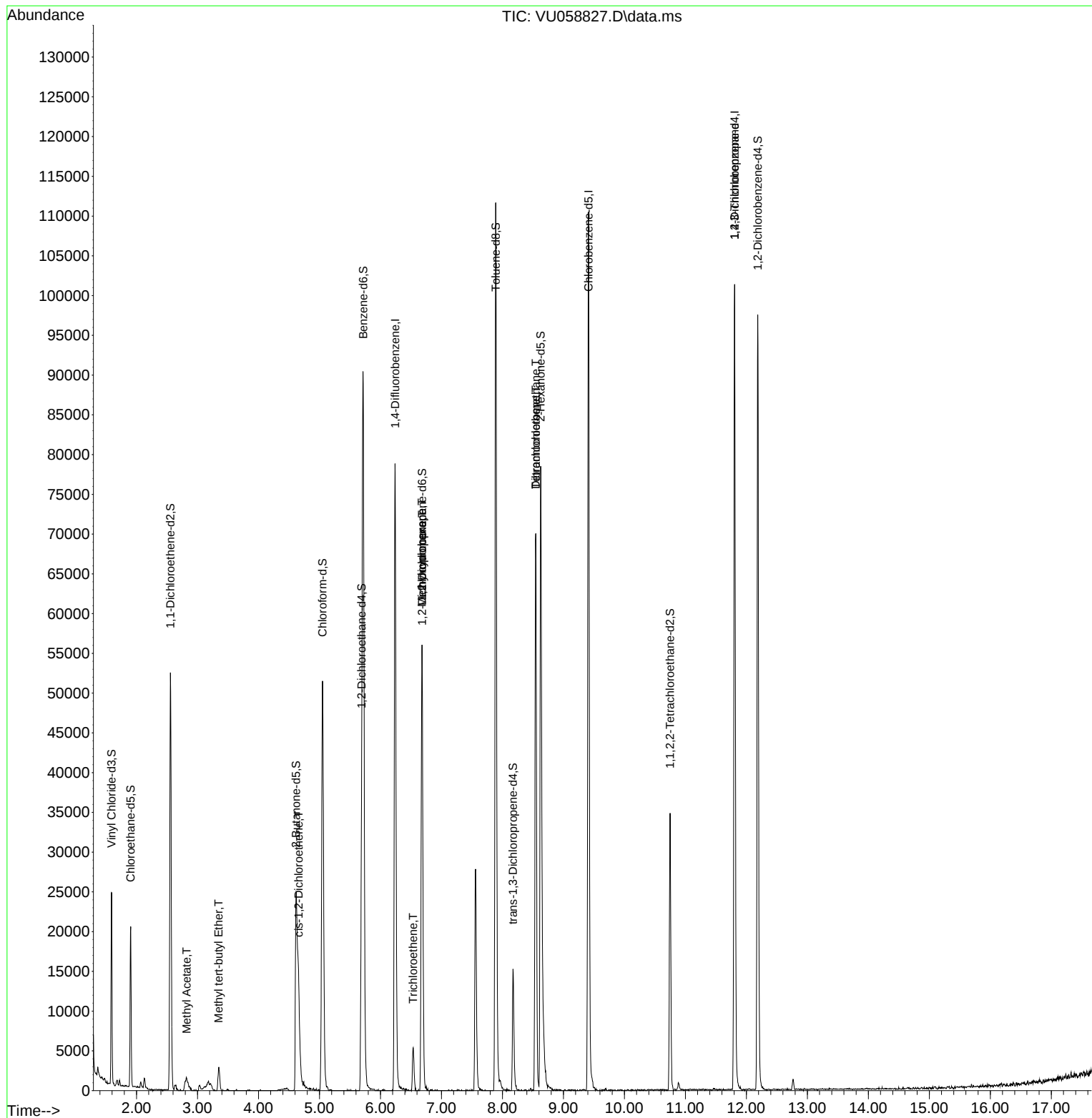
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62469	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	61014	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	27433	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	15798	3.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	64.400%
7) Chloroethane-d5	1.904	69	13212	3.568	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.557	65	10367	4.191	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.800%
20) 2-Butanone-d5	4.618	46	38492	44.587	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.180%
24) Chloroform-d	5.049	84	48796	4.858	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.692	65	25653	5.269	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	84930	4.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.682	67	24007	4.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.891	98	74538	4.288	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	9811	4.652	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.000%
46) 2-Hexanone-d5	8.627	63	26984	43.179	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.360%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16021	4.541	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	26096	5.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.824	43	491	0.343	ug/L #	53
17) Methyl tert-butyl Ether	3.348	73	3355	0.326	ug/L	93
22) cis-1,2-Dichloroethene	4.660	96	4618	0.923	ug/L	81
34) Trichloroethene	6.537	95	2183	0.380	ug/L	96
35) Methylcyclohexane	6.679	83	6436	0.737	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	3156	0.572	ug/L #	89
47) Tetrachloroethene	8.547	164	15417	3.824	ug/L	95
49) Dibromochloromethane	8.547	129	15433	4.153	ug/L #	13
61) 1,2,3-Trichloropropane	11.807	75	3327	1.332	ug/L #	67

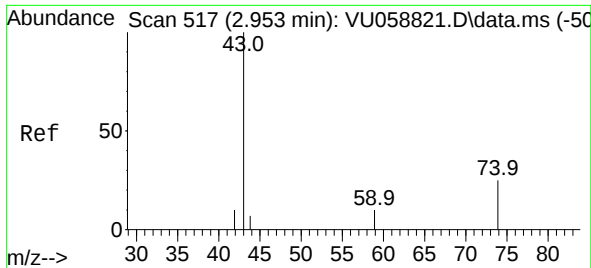
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 01:07:14 2024
Response via : Initial Calibration





#15

Methyl Acetate

Concen: 0.343 ug/L

RT: 2.824 min Scan# 41

Delta R.T. -0.129 min

Lab File: VU058827.D

Acq: 06 May 2024 12:14

Instrument :

MSVOA_U

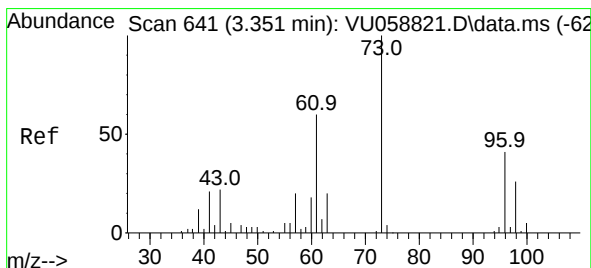
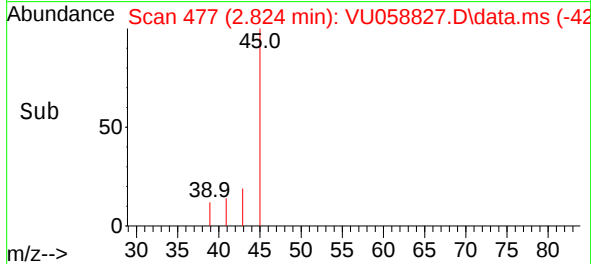
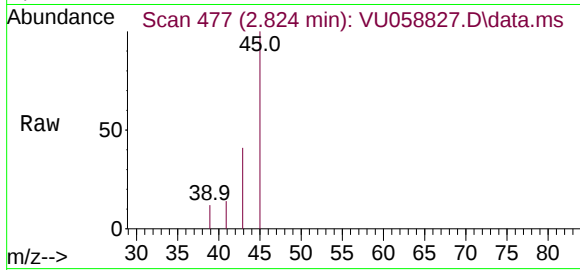
ClientSampleId :

Tgt Ion: 43 Resp: 491

Ion Ratio Lower Upper

43 100

74 0.0 18.2 27.4#



#17

Methyl tert-butyl Ether

Concen: 0.326 ug/L

RT: 3.348 min Scan# 640

Delta R.T. -0.003 min

Lab File: VU058827.D

Acq: 06 May 2024 12:14

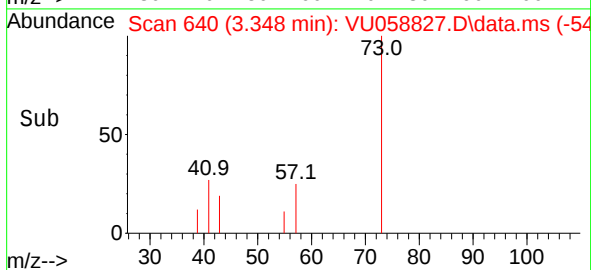
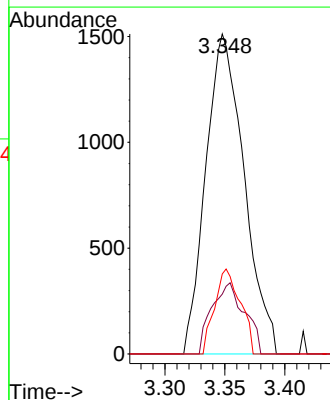
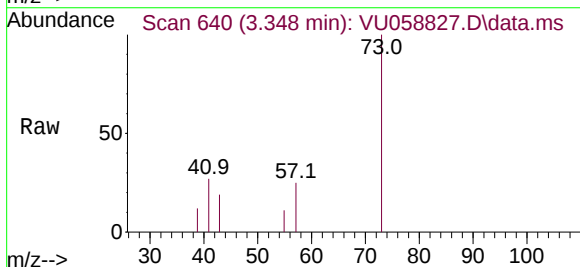
Tgt Ion: 73 Resp: 3355

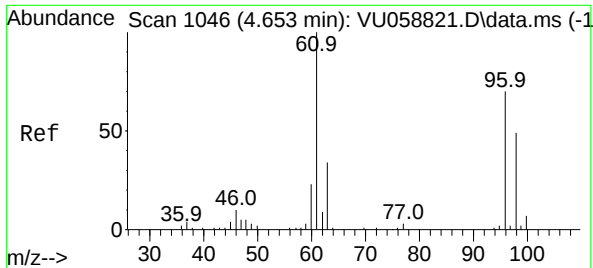
Ion Ratio Lower Upper

73 100

43 19.1 17.7 26.5

57 17.8 17.0 25.4





#22

cis-1,2-Dichloroethene

Concen: 0.923 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU058827.D

Acq: 06 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

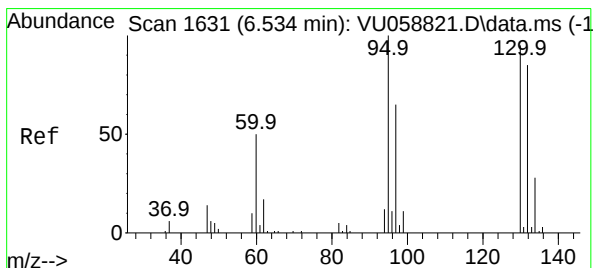
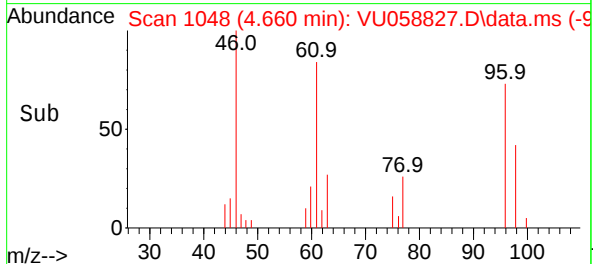
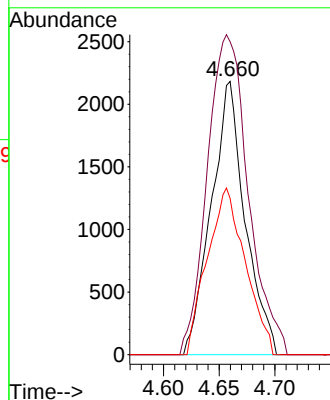
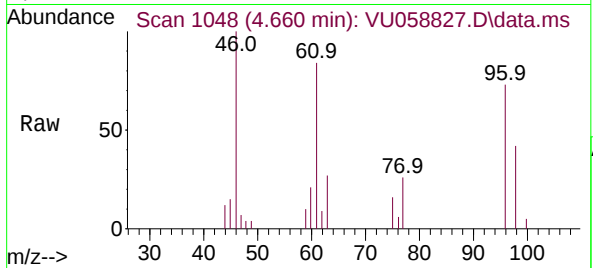
Tgt Ion: 96 Resp: 4618

Ion Ratio Lower Upper

96 100

61 114.5 100.4 186.4

98 57.2 45.1 83.7



#34

Trichloroethene

Concen: 0.380 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.003 min

Lab File: VU058827.D

Acq: 06 May 2024 12:14

Tgt Ion: 95 Resp: 2183

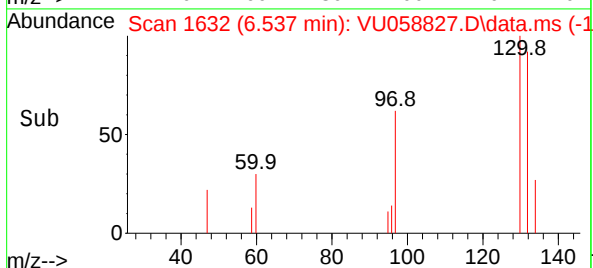
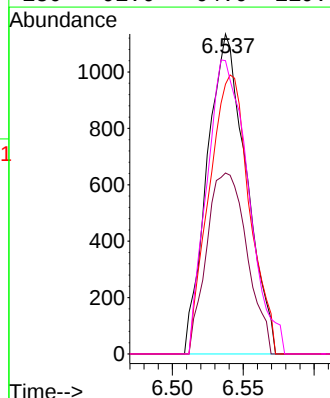
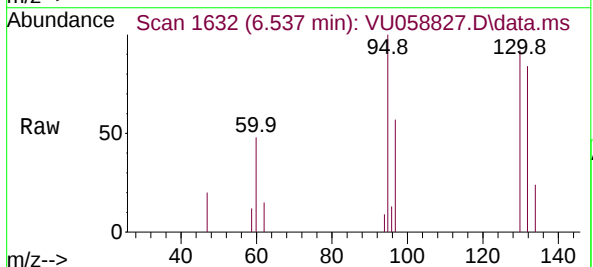
Ion Ratio Lower Upper

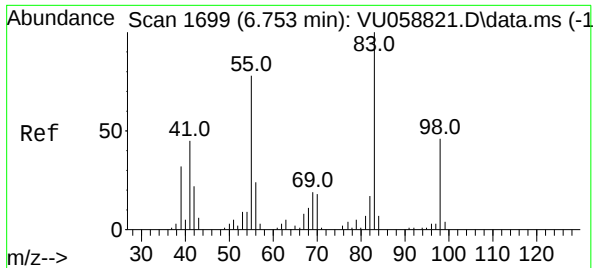
95 100

97 56.6 44.4 82.4

132 84.3 61.6 114.4

130 91.6 64.0 119.0





#35

Methylcyclohexane

Concen: 0.737 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058827.D

Acq: 06 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :

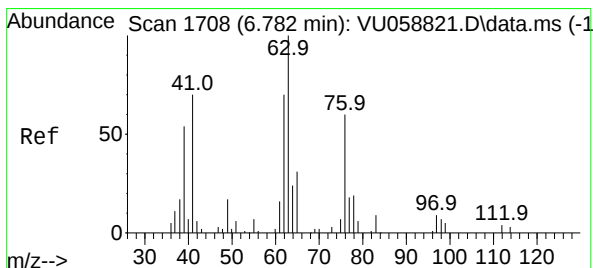
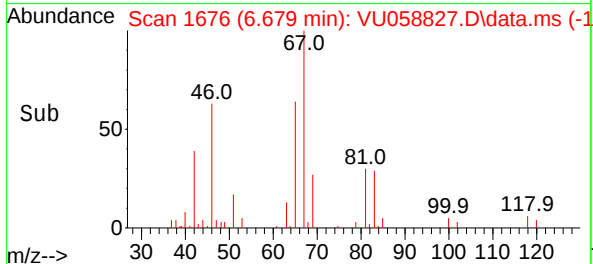
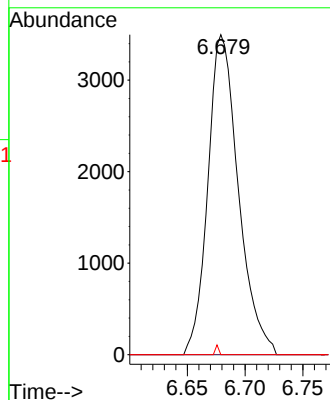
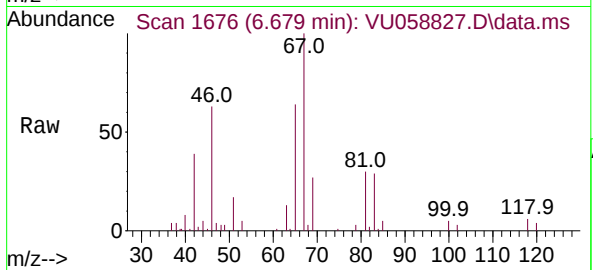
Tgt Ion: 83 Resp: 6436

Ion Ratio Lower Upper

83 100

55 0.0 66.6 100.0#

98 0.3 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 0.572 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU058827.D

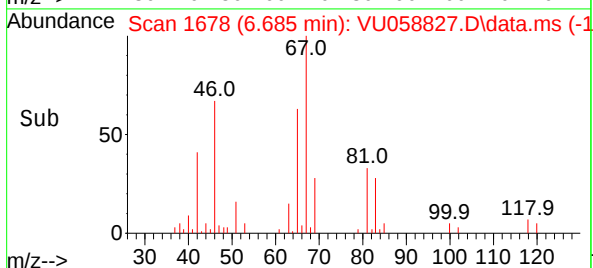
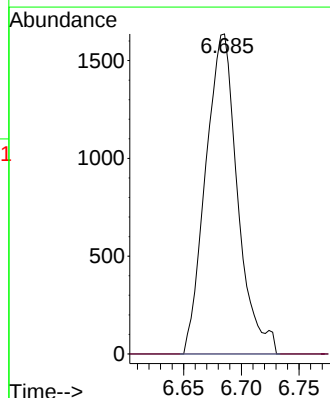
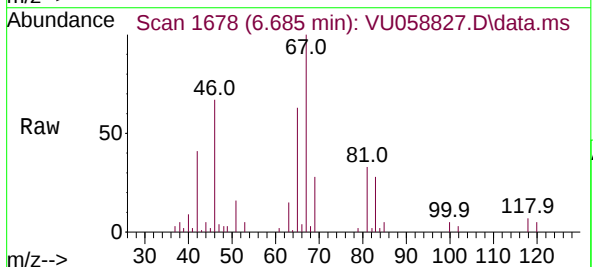
Acq: 06 May 2024 12:14

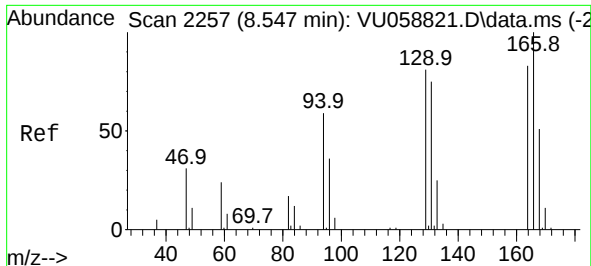
Tgt Ion: 63 Resp: 3156

Ion Ratio Lower Upper

63 100

112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 3.824 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

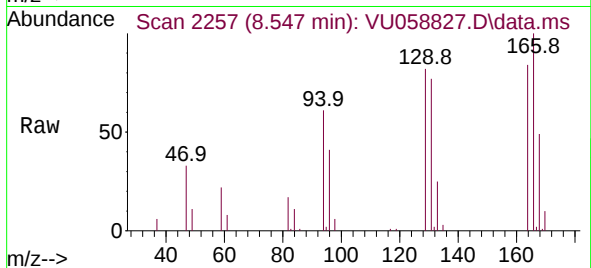
Lab File: VU058827.D

Acq: 06 May 2024 12:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 15417

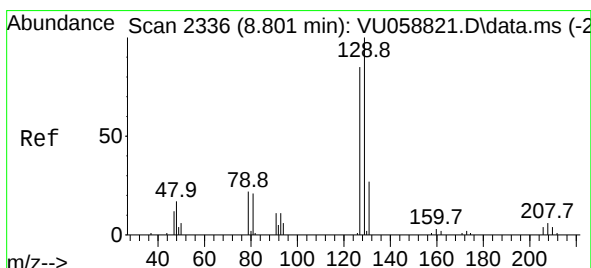
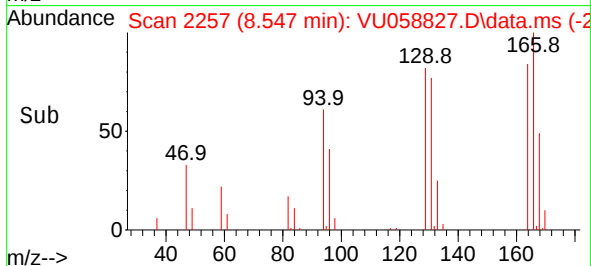
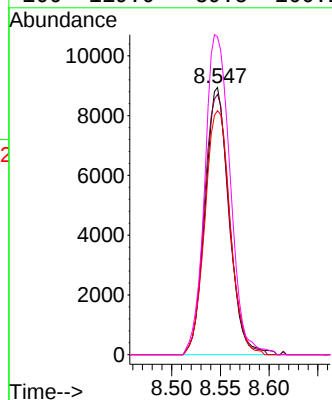
Ion Ratio Lower Upper

164 100

129 97.4 71.5 132.9

131 91.4 65.0 120.6

166 119.0 89.5 166.1



#49

Dibromochloromethane

Concen: 4.153 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.254 min

Lab File: VU058827.D

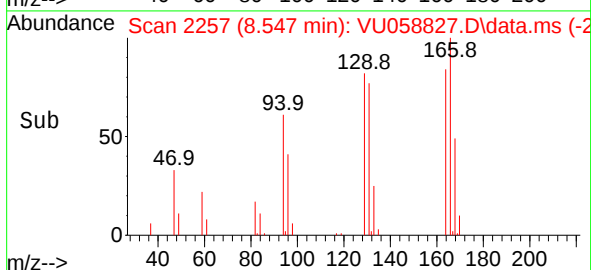
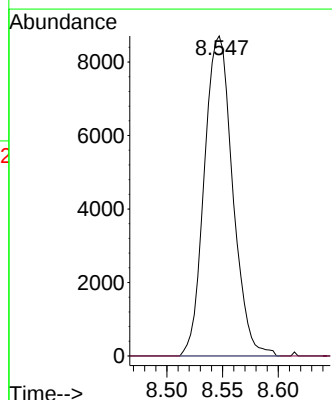
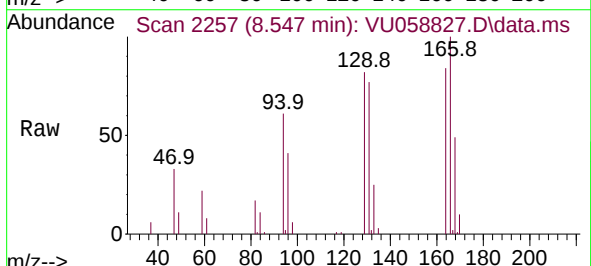
Acq: 06 May 2024 12:14

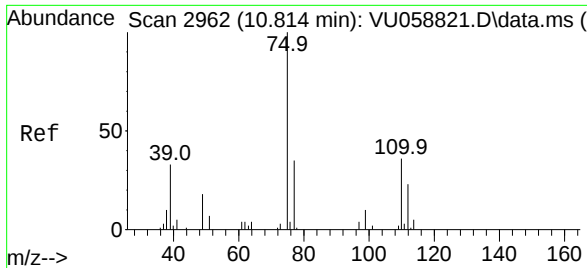
Tgt Ion:129 Resp: 15433

Ion Ratio Lower Upper

129 100

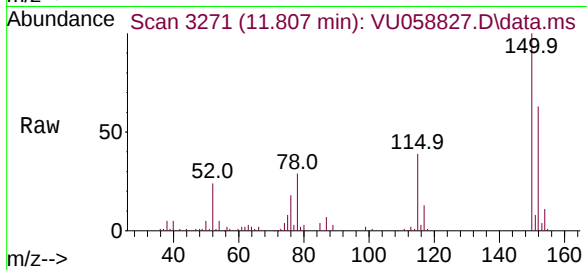
127 0.0 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.332 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.993 min
 Lab File: VU058827.D
 Acq: 06 May 2024 12:14

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3327
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	32.8	25.4	38.2

