

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
 Data File : VU058832.D
 Acq On : 06 May 2024 14:12
 Operator : MD/SY
 Sample : P2392-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 07 01:11:09 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)

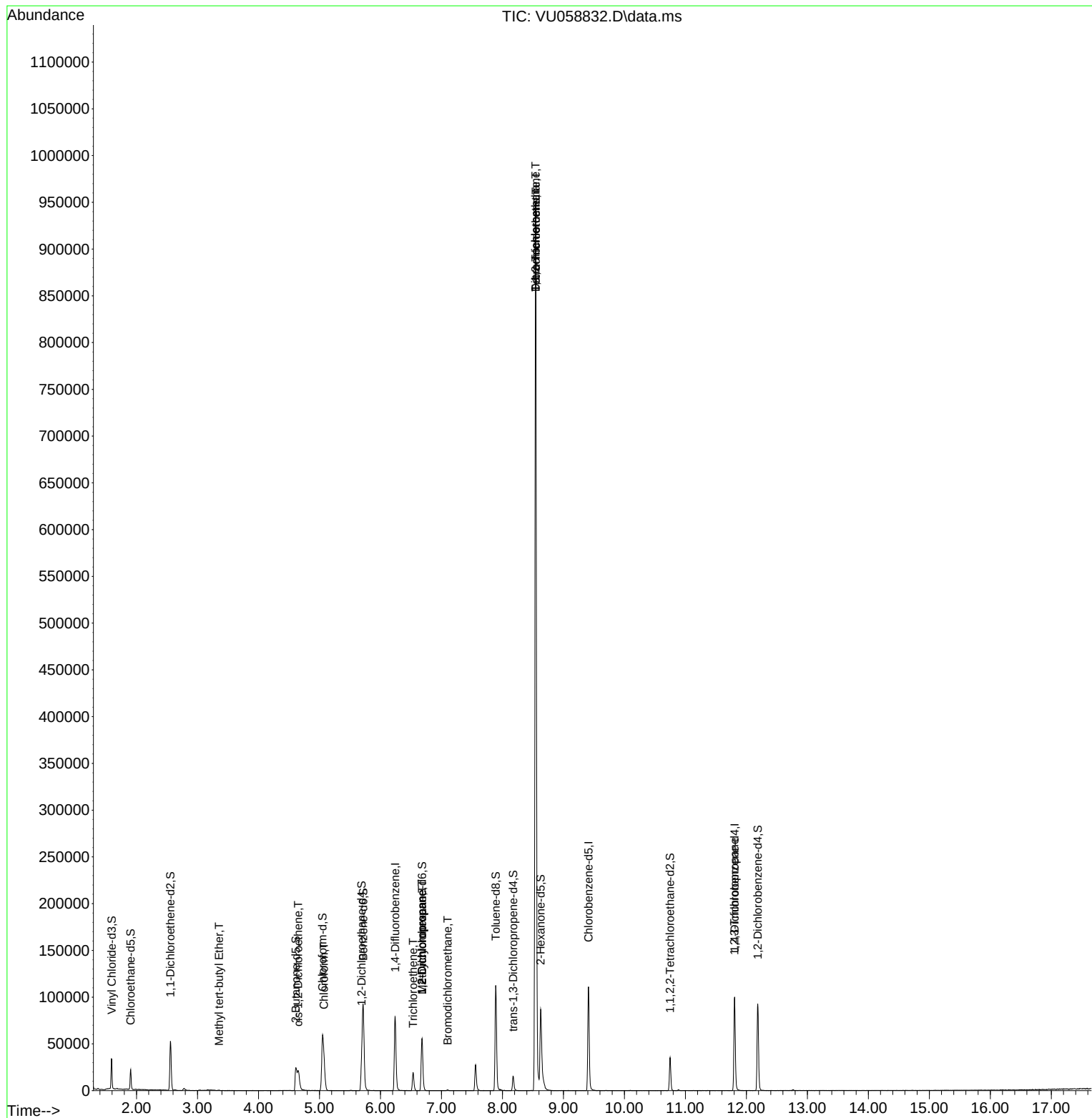
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63885	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21265	4.232	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.904	69	13737	3.628	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.557	65	10310	4.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.612	46	38749	43.889	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.780%
24) Chloroform-d	5.049	84	51320	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.692	65	25362	5.094	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.718	84	85216	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
36) 1,2-Dichloropropane-d6	6.682	67	23677	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.891	98	74790	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.177	79	9954	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.627	63	28644	46.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	16366	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	24654	5.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
17) Methyl tert-butyl Ether	3.354	73	1019	0.097	ug/L #	56
22) cis-1,2-Dichloroethene	4.653	96	8393	1.639	ug/L	93
25) Chloroform	5.075	83	21758	2.121	ug/L	98
34) Trichloroethene	6.534	95	6432	1.124	ug/L	94
35) Methylcyclohexane	6.682	83	6381	0.734	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	3206	0.584	ug/L #	89
38) Bromodichloromethane	7.103	83	1033	0.152	ug/L #	86
45) 1,1,2-Trichloroethane	8.544	97	2163	0.685	ug/L #	40
47) Tetrachloroethene	8.547	164	201082	50.084	ug/L	98
49) Dibromochloromethane	8.544	129	195858	52.923	ug/L #	13
61) 1,2,3-Trichloropropane	11.804	75	3084	1.256	ug/L #	64

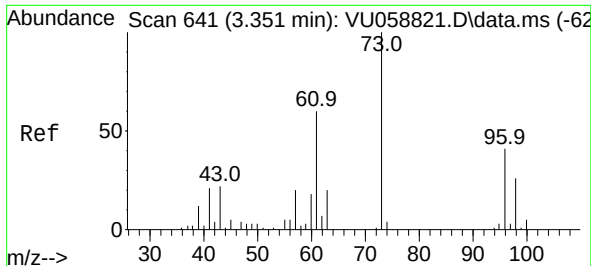
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050624\
Data File : VU058832.D
Acq On : 06 May 2024 14:12
Operator : MD/SY
Sample : P2392-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

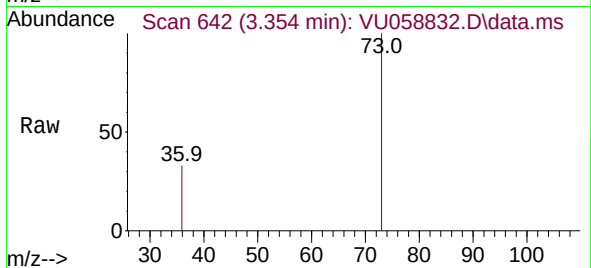
Quant Time: May 07 01:11:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 07 01:07:14 2024
Response via : Initial Calibration



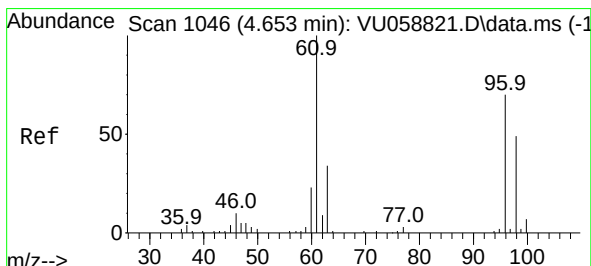
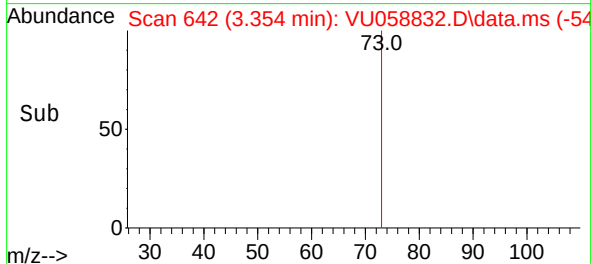
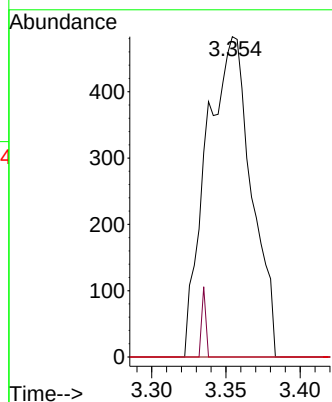


#17
Methyl tert-butyl Ether
Concen: 0.097 ug/L
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU058832.D
Acq: 06 May 2024 14:12

Instrument :
MSVOA_U
ClientSampleId :

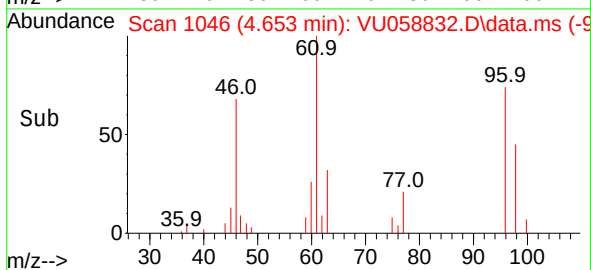
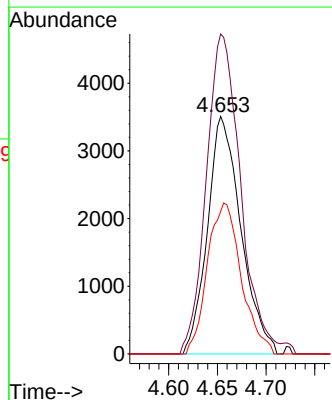
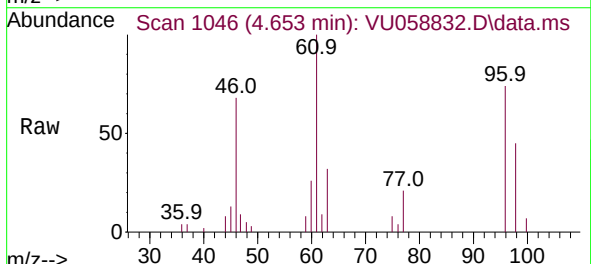


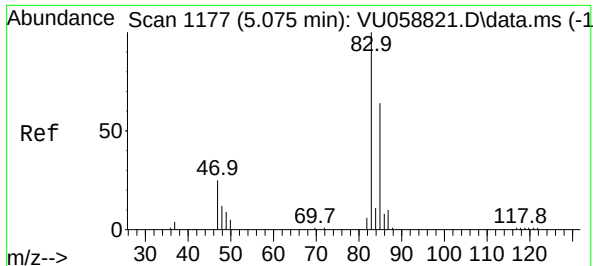
Tgt Ion: 73 Resp: 1019
Ion Ratio Lower Upper
73 100
43 2.0 17.7 26.5#
57 0.0 17.0 25.4#



#22
cis-1,2-Dichloroethene
Concen: 1.639 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058832.D
Acq: 06 May 2024 14:12

Tgt Ion: 96 Resp: 8393
Ion Ratio Lower Upper
96 100
61 134.7 100.4 186.4
98 60.0 45.1 83.7





#25

Chloroform

Concen: 2.121 ug/L

RT: 5.075 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU058832.D

Acq: 06 May 2024 14:12

Instrument :

MSVOA_U

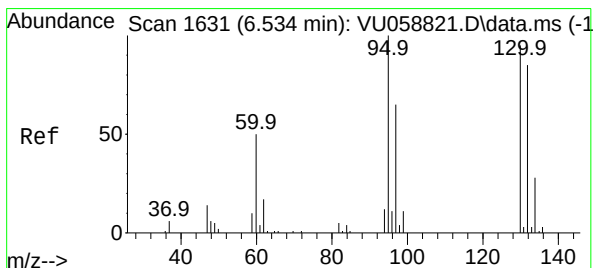
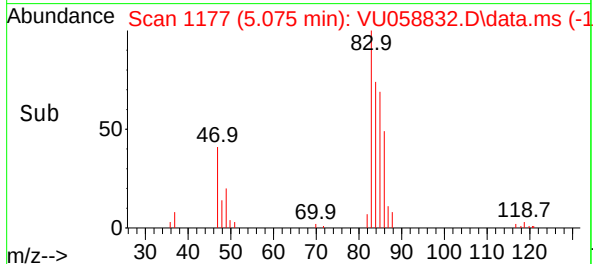
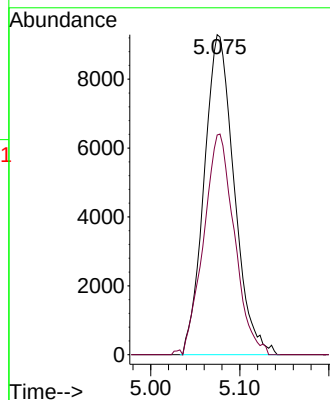
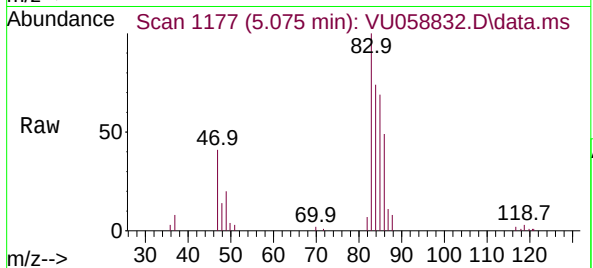
ClientSampleId :

Tgt Ion: 83 Resp: 21758

Ion Ratio Lower Upper

83 100

85 68.6 47.0 87.4



#34

Trichloroethene

Concen: 1.124 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VU058832.D

Acq: 06 May 2024 14:12

Tgt Ion: 95 Resp: 6432

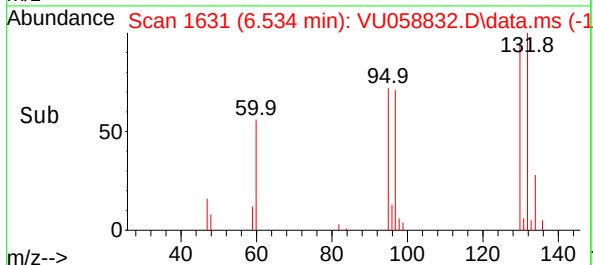
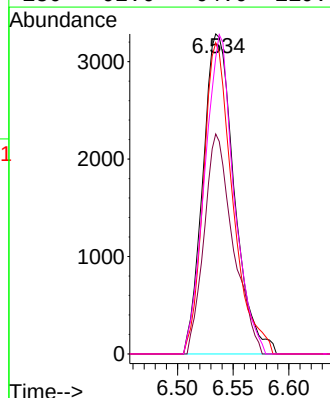
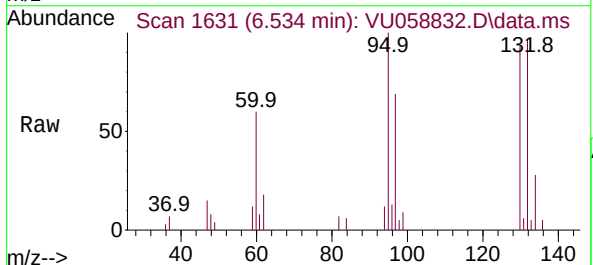
Ion Ratio Lower Upper

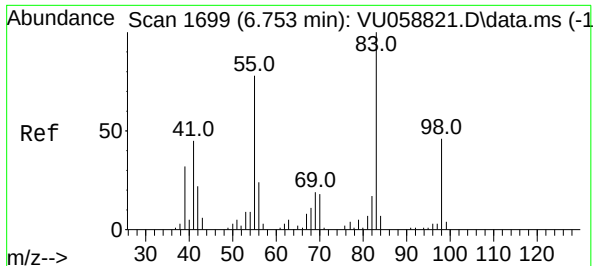
95 100

97 68.7 44.4 82.4

132 97.3 61.6 114.4

130 92.6 64.0 119.0

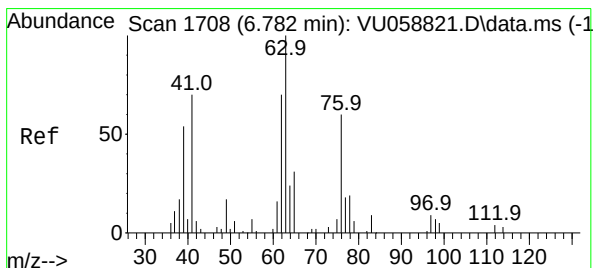
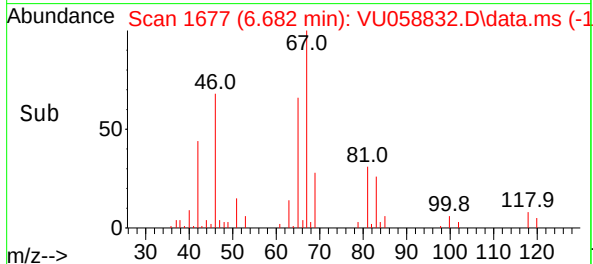
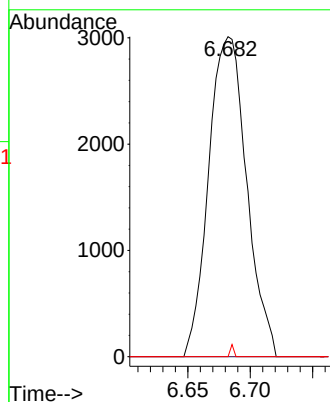
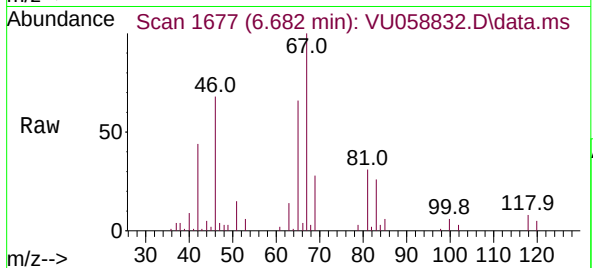




#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058832.D
Acq: 06 May 2024 14:12

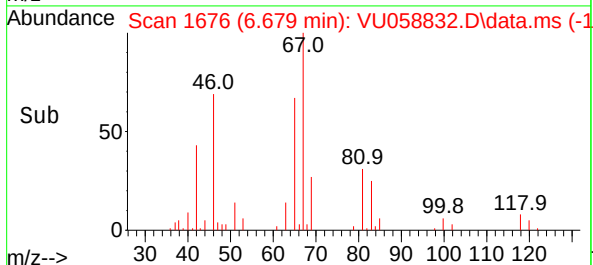
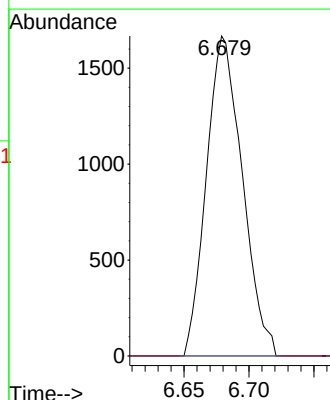
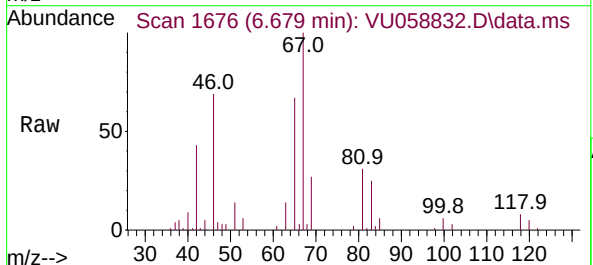
Instrument :
MSVOA_U
ClientSampleId :

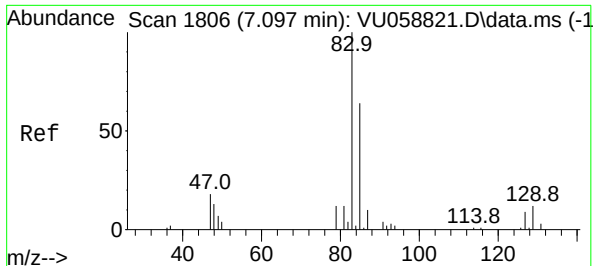
Tgt Ion: 83 Resp: 6381
Ion Ratio Lower Upper
83 100
55 0.0 66.6 100.0#
98 0.3 35.4 53.2#



#37
1,2-Dichloropropane
Concen: 0.584 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.103 min
Lab File: VU058832.D
Acq: 06 May 2024 14:12

Tgt Ion: 63 Resp: 3206
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#





#38

Bromodichloromethane

Concen: 0.152 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VU058832.D

Acq: 06 May 2024 14:12

Instrument :

MSVOA_U

ClientSampleId :

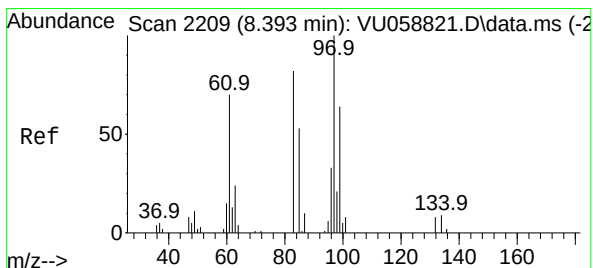
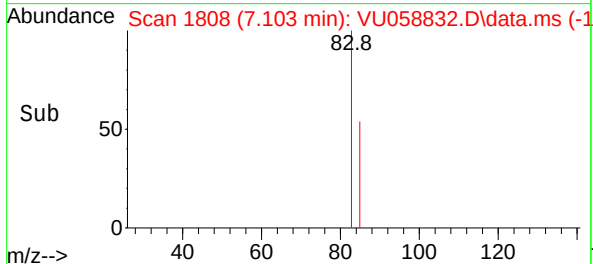
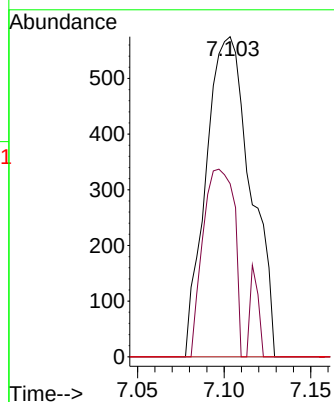
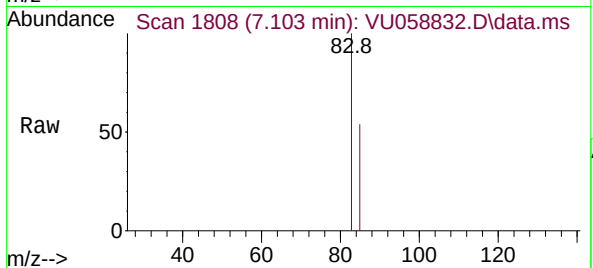
Tgt Ion: 83 Resp: 1033

Ion Ratio Lower Upper

83 100

85 54.1 45.2 84.0

127 0.0 6.3 9.5#



#45

1,1,2-Trichloroethane

Concen: 0.685 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. 0.151 min

Lab File: VU058832.D

Acq: 06 May 2024 14:12

Tgt Ion: 97 Resp: 2163

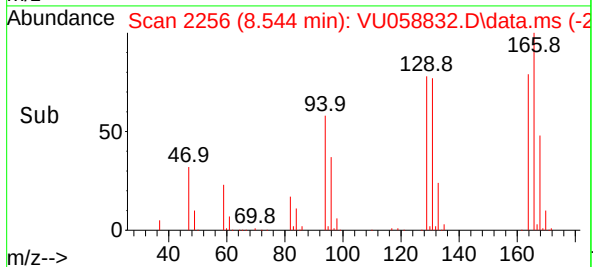
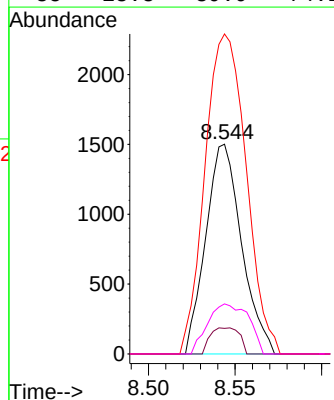
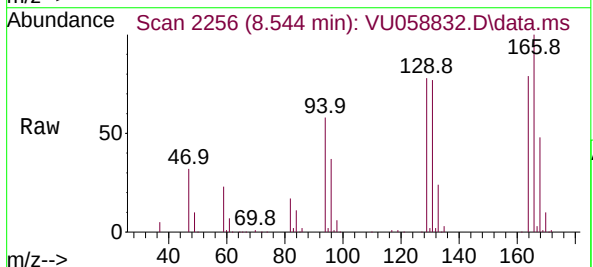
Ion Ratio Lower Upper

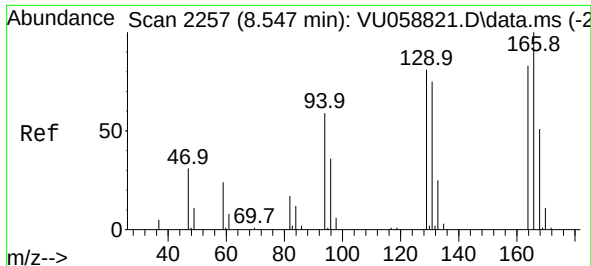
97 100

99 12.2 43.7 81.1#

83 152.5 62.9 116.9#

85 23.8 39.9 74.1#





#47

Tetrachloroethene

Concen: 50.084 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

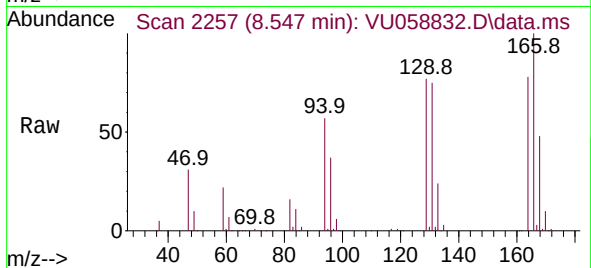
Lab File: VU058832.D

Acq: 06 May 2024 14:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 201082

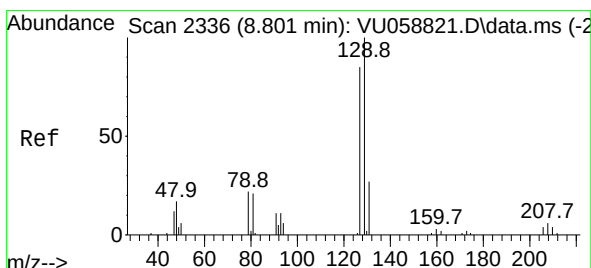
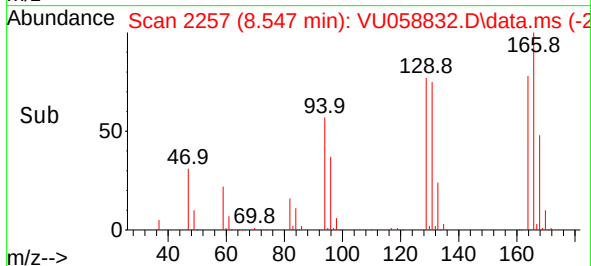
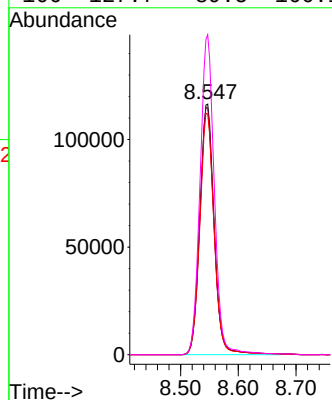
Ion Ratio Lower Upper

164 100

129 98.4 71.5 132.9

131 96.0 65.0 120.6

166 127.7 89.5 166.1



#49

Dibromochloromethane

Concen: 52.923 ug/L

RT: 8.544 min Scan# 2256

Delta R.T. -0.257 min

Lab File: VU058832.D

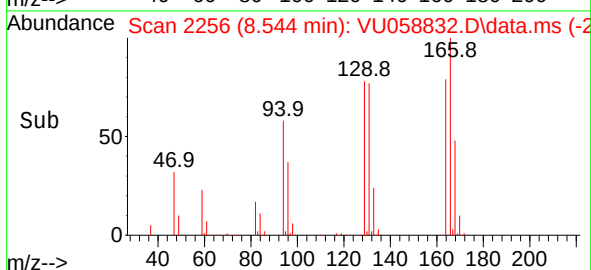
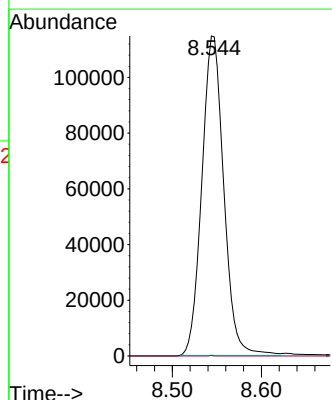
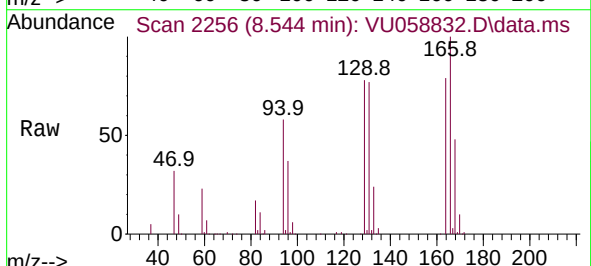
Acq: 06 May 2024 14:12

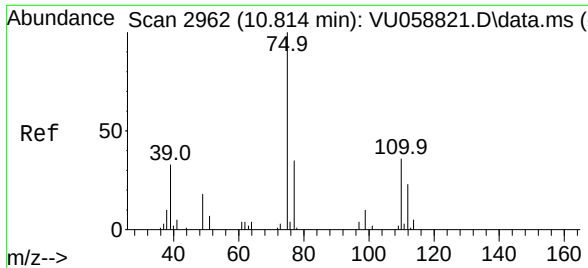
Tgt Ion:129 Resp: 195858

Ion Ratio Lower Upper

129 100

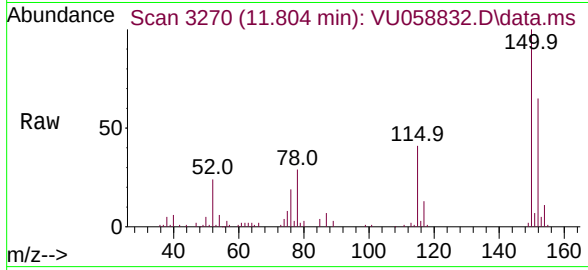
127 0.2 51.0 94.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.256 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU058832.D
 Acq: 06 May 2024 14:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	3084
Ion	Ratio	Lower	Upper
75	100		
110	0.0	28.6	43.0#
77	36.4	25.4	38.2

