

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045834.D
 Acq On : 17 Nov 2021 12:49
 Operator : SY/MD
 Sample : M4686-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

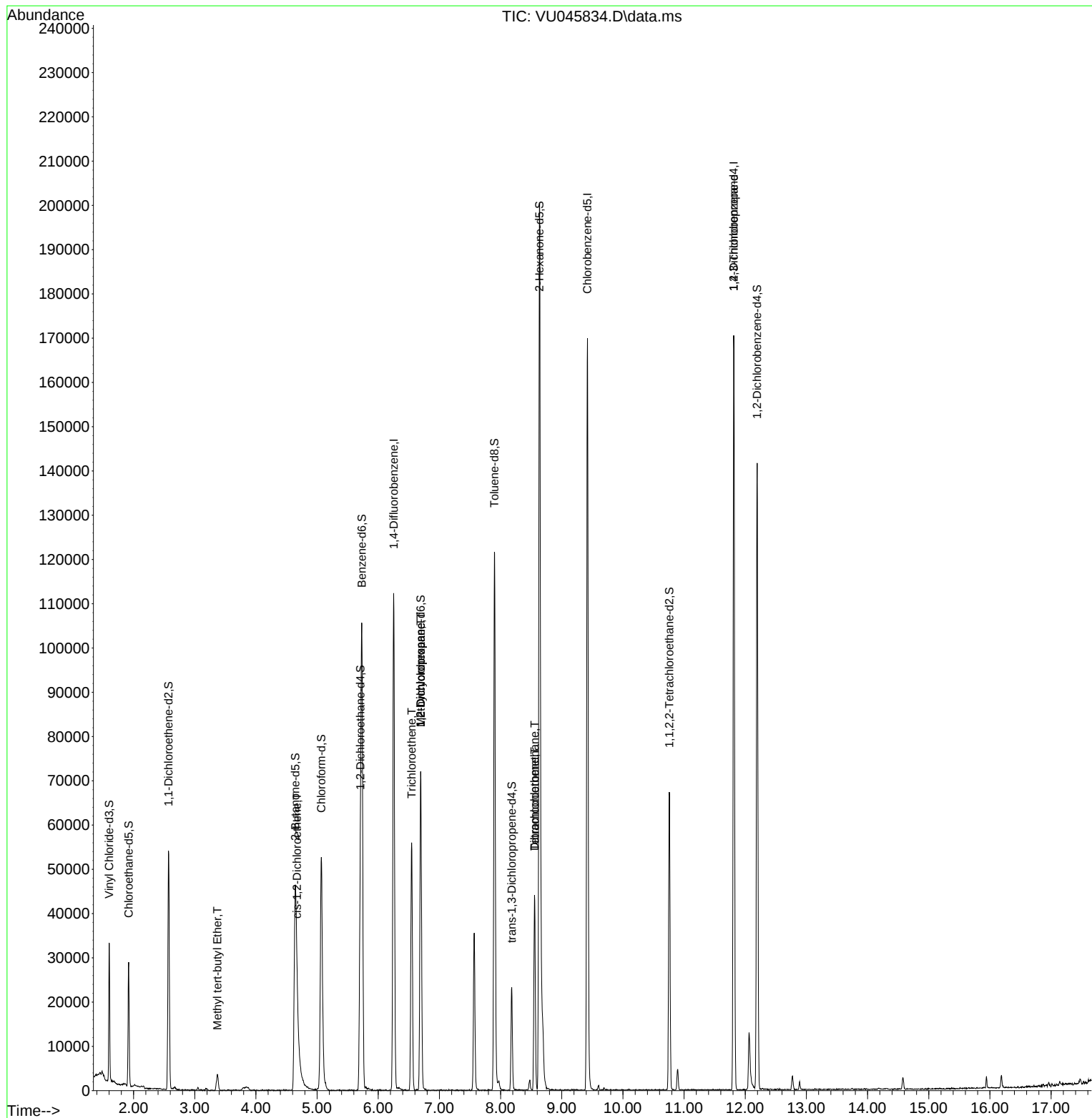
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89833	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	21659	3.043	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.919	69	20531	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.571	65	10535	3.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.600%
20) 2-Butanone-d5	4.645	46	104453	54.763	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.520%
24) Chloroform-d	5.070	84	47522	4.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.706	65	31975	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.732	84	99095	3.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.200%
36) 1,2-Dichloropropane-d6	6.694	67	34030	4.094	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.800%
41) Toluene-d8	7.899	98	83100	3.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	8.182	79	13504	4.002	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.000%
46) 2-Hexanone-d5	8.636	63	72825	47.955	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.920%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33450	4.764	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35928	4.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.369	73	4130	0.285	ug/L #	95
22) cis-1,2-Dichloroethene	4.671	96	911	0.141	ug/L	89
34) Trichloroethene	6.546	95	19418	2.820	ug/L	98
35) Methylcyclohexane	6.694	83	7860	0.743	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3609	0.513	ug/L #	88
47) Tetrachloroethene	8.555	164	9797	2.032	ug/L	94
49) Dibromochloromethane	8.555	129	9455	1.590	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5413	1.174	ug/L #	64

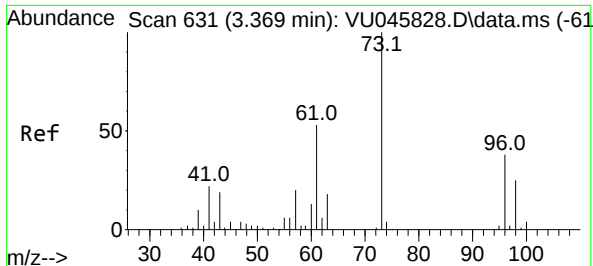
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 0.285 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045834.D

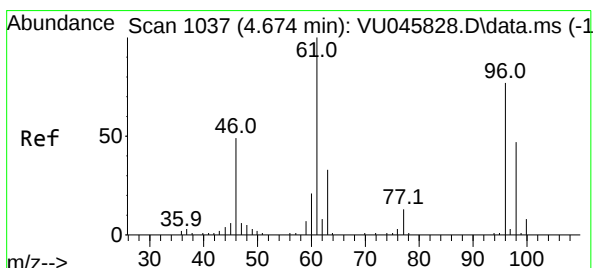
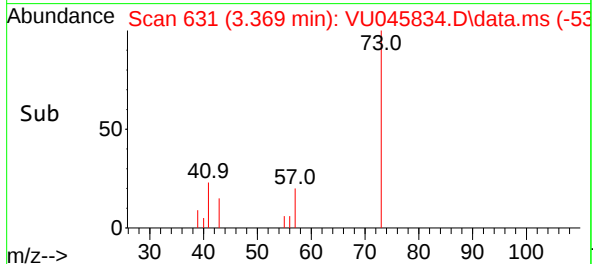
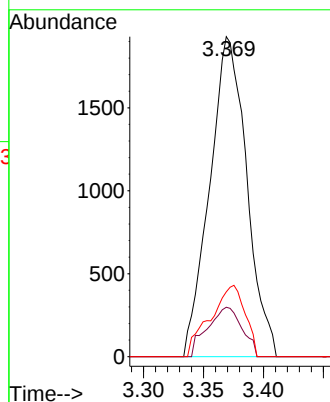
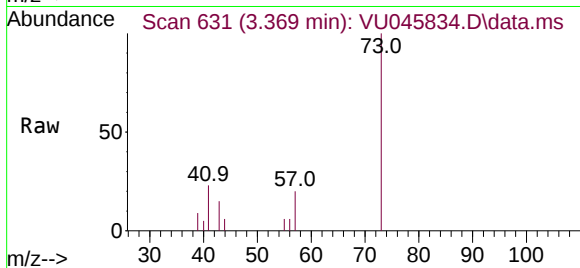
Acq: 17 Nov 2021 12:49

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 73	Resp:	4130
Ion	Ratio	Lower Upper
73	100	
43	14.5	14.8 22.2#
57	21.1	17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 0.141 ug/L

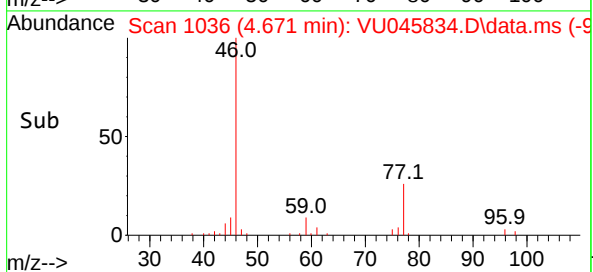
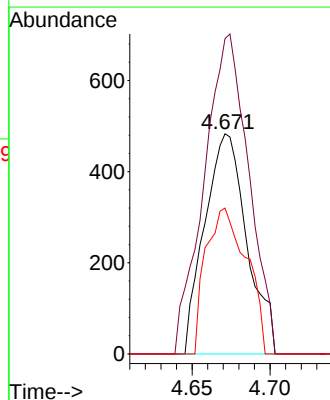
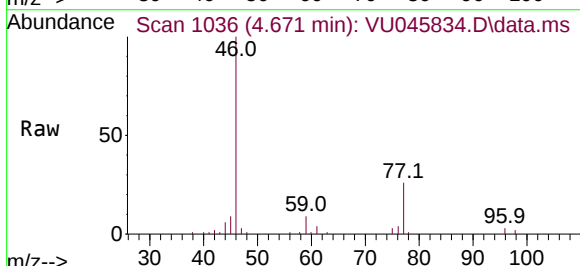
RT: 4.671 min Scan# 1036

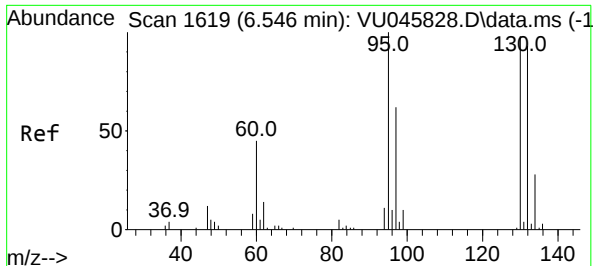
Delta R.T. -0.003 min

Lab File: VU045834.D

Acq: 17 Nov 2021 12:49

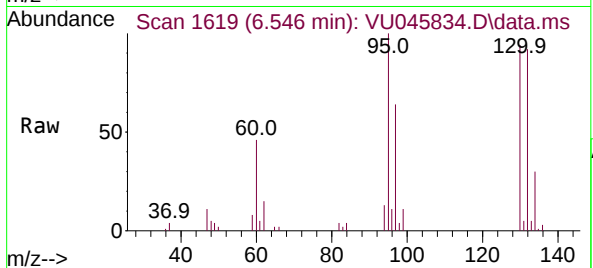
Tgt Ion: 96	Resp:	911
Ion	Ratio	Lower Upper
96	100	
61	143.3	88.5 164.3
98	66.3	44.4 82.5





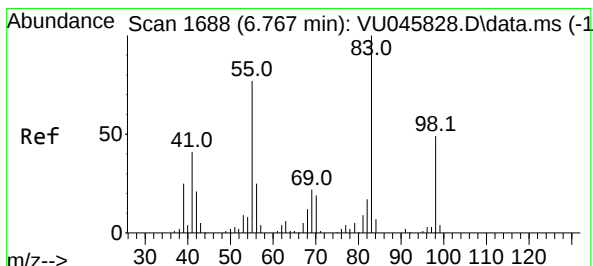
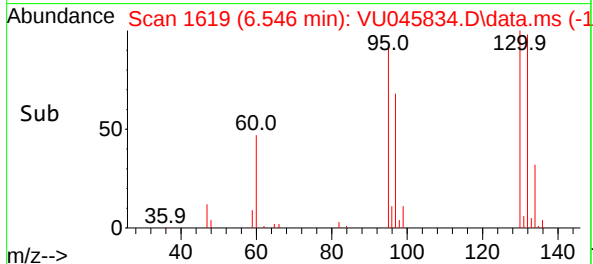
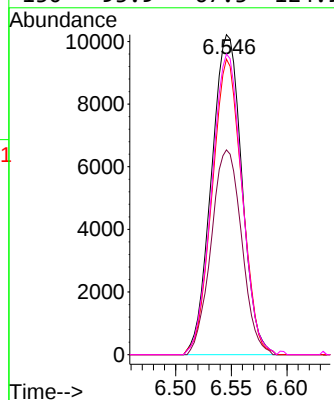
#34
Trichloroethene
Concen: 2.820 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045834.D
Acq: 17 Nov 2021 12:49

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 19418

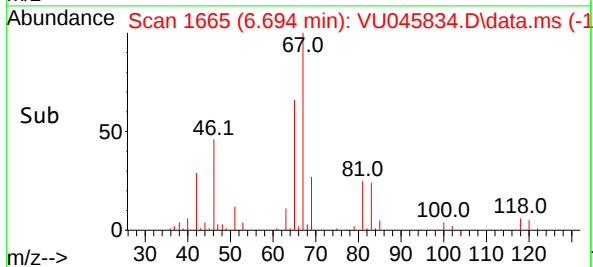
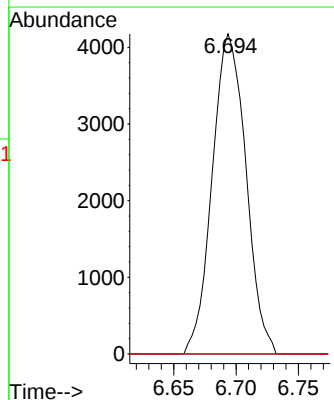
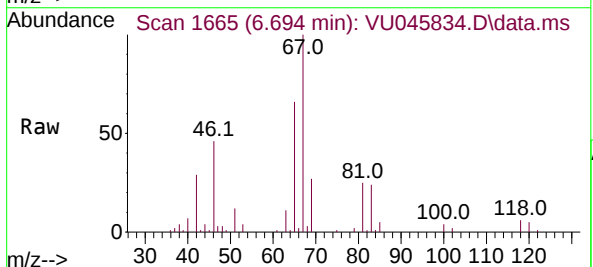
Ion	Ratio	Lower	Upper
95	100		
97	64.0	46.5	86.5
132	92.4	65.1	120.9
130	93.9	67.3	124.9

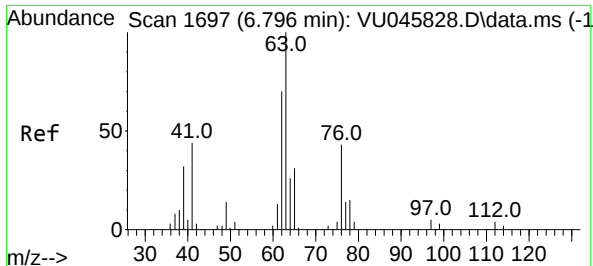


#35
Methylcyclohexane
Concen: 0.743 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045834.D
Acq: 17 Nov 2021 12:49

Tgt Ion: 83 Resp: 7860

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.0	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045834.D

Acq: 17 Nov 2021 12:49

Instrument :

MSVOA_U

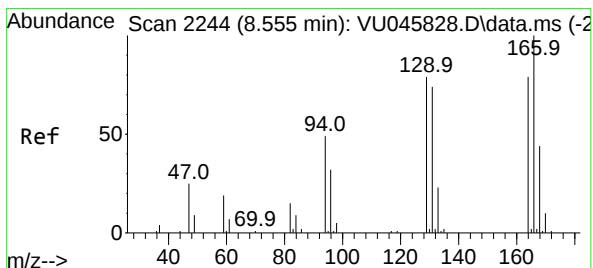
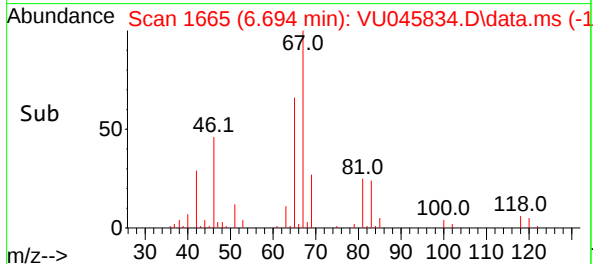
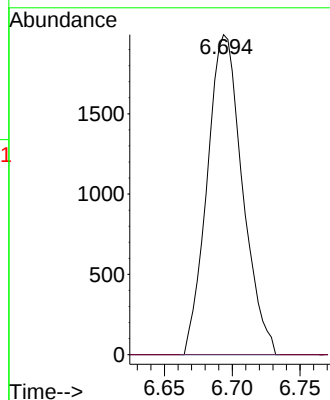
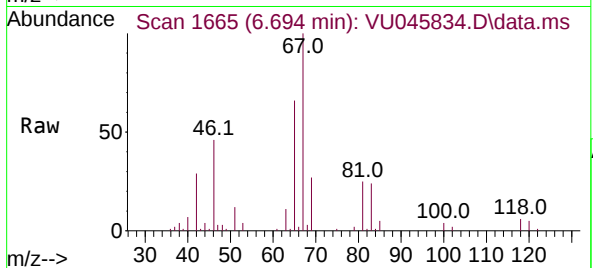
ClientSampleId :

Tgt Ion: 63 Resp: 3609

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 2.032 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045834.D

Acq: 17 Nov 2021 12:49

Tgt Ion: 164 Resp: 9797

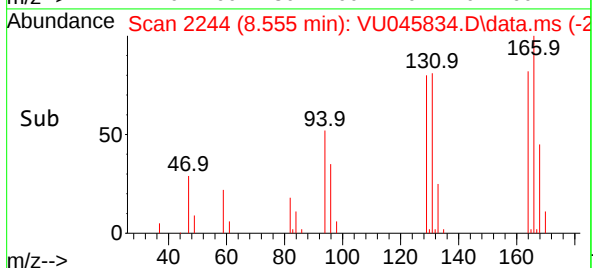
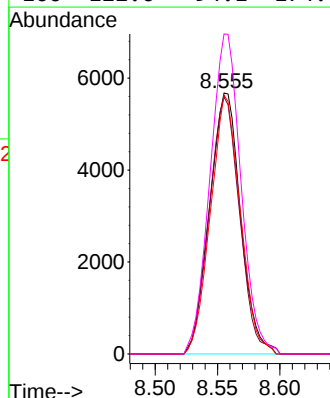
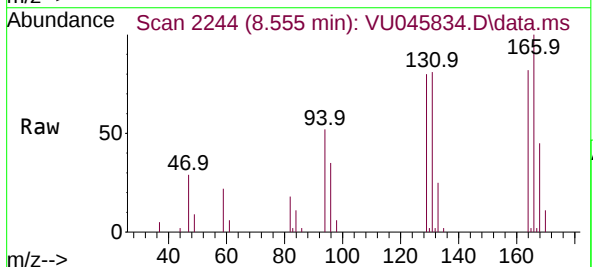
Ion Ratio Lower Upper

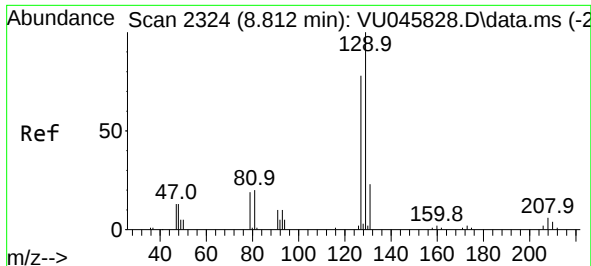
164 100

129 98.5 71.8 133.4

131 99.1 68.5 127.3

166 122.6 94.1 174.8





#49

Dibromochloromethane

Concen: 1.590 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045834.D

Acq: 17 Nov 2021 12:49

Instrument :

MSVOA_U

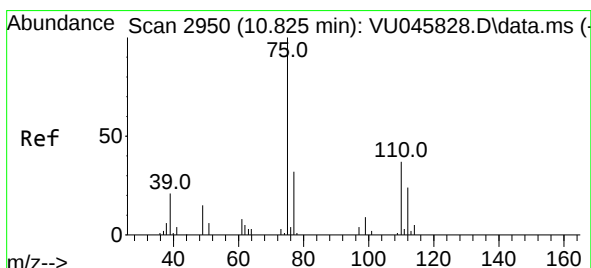
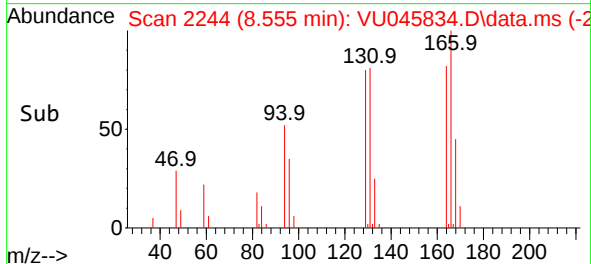
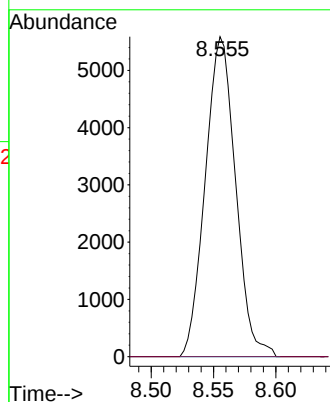
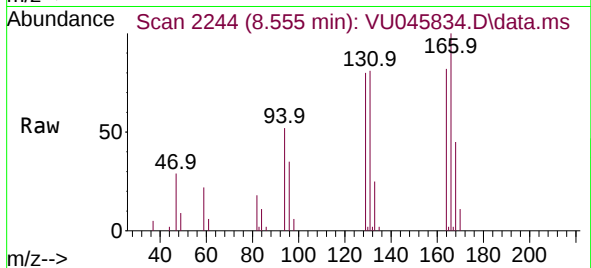
ClientSampleId :

Tgt Ion:129 Resp: 9455

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.174 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045834.D

Acq: 17 Nov 2021 12:49

Tgt Ion: 75 Resp: 5413

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 34.3 25.5 38.3

