

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045861.D
 Acq On : 18 Nov 2021 11:55
 Operator : SY/MD
 Sample : M4686-14DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:52:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 00:50:55 2021
 Response via : Initial Calibration

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

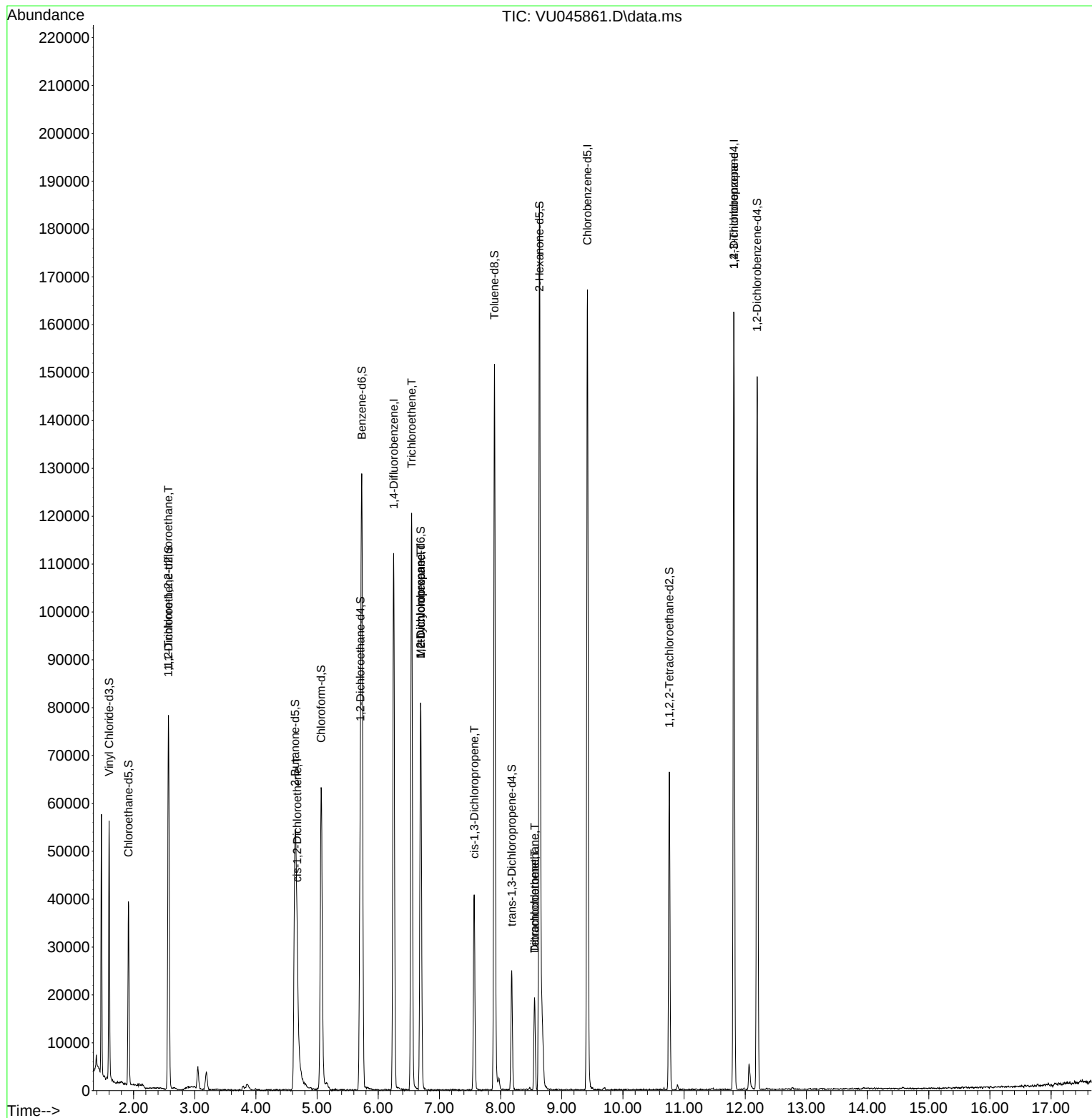
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89580	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	93553	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	42651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36581	5.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.916	69	27708	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.572	65	15102	5.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.642	46	96951	50.974	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.940%
24) Chloroform-d	5.067	84	58287	4.929	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.706	65	34212	4.931	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.732	84	121296	4.708	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.694	67	38518	4.744	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.899	98	100785	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	8.182	79	14301	4.339	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.636	63	64027	43.157	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.320%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32539	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	38196	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	455	0.077	ug/L #	21
22) cis-1,2-Dichloroethene	4.674	96	5094	0.790	ug/L	93
34) Trichloroethene	6.546	95	41733	6.203	ug/L	97
35) Methylcyclohexane	6.694	83	9317	0.902	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	4049	0.589	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	943	0.097	ug/L #	55
47) Tetrachloroethene	8.555	164	4256	0.904	ug/L	99
49) Dibromochloromethane	8.555	129	4319	0.743	ug/L #	10
61) 1,2,3-Trichloropropane	11.816	75	5414	1.223	ug/L #	66

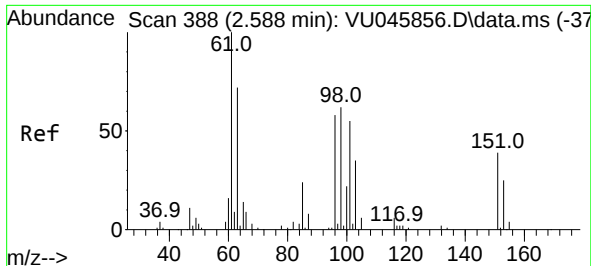
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 19 00:50:55 2021
Response via : Initial Calibration

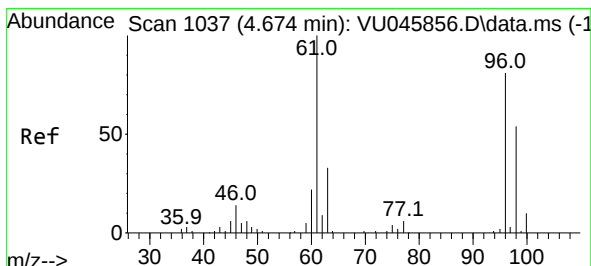
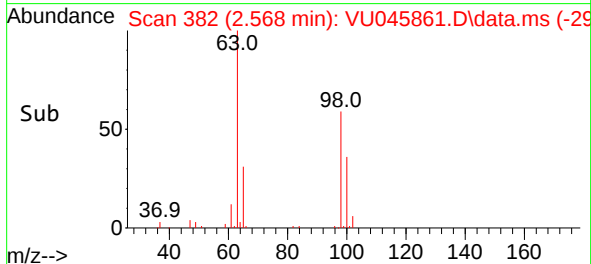
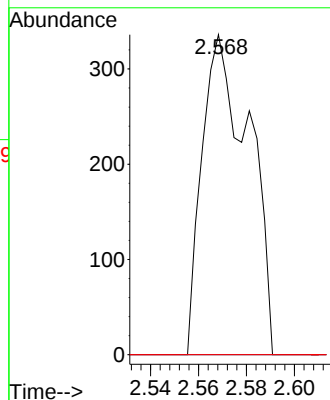
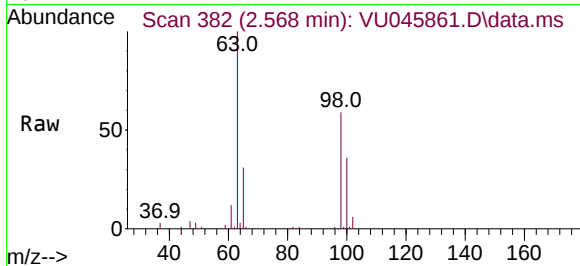




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.077 ug/L
RT: 2.568 min Scan# 388
Delta R.T. -0.019 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

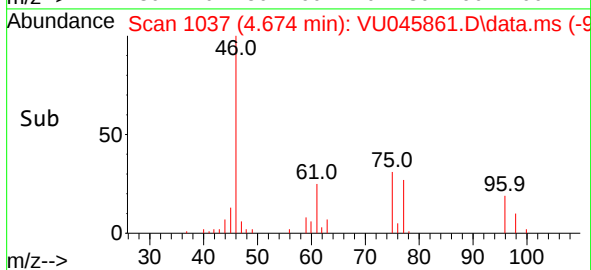
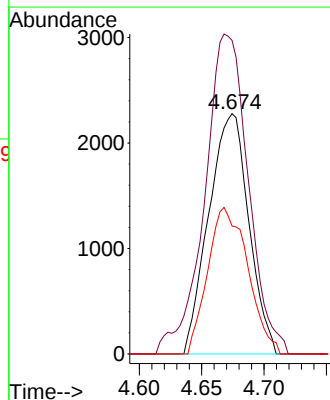
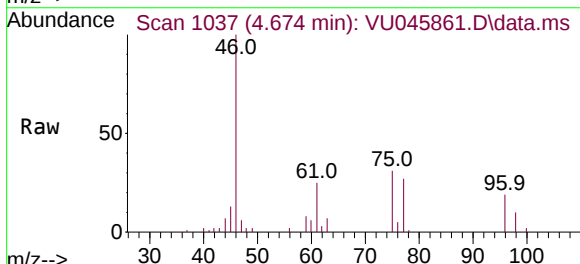
Instrument :
MSVOA_U
ClientSampleId :

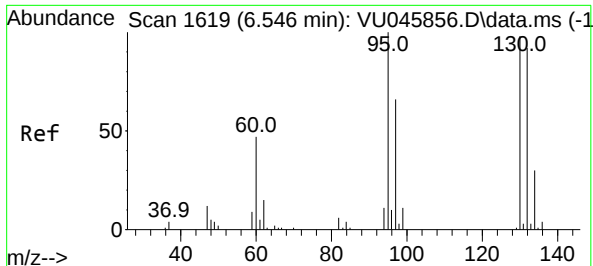
Tgt Ion:101 Resp: 455
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.790 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

Tgt Ion: 96 Resp: 5094
Ion Ratio Lower Upper
96 100
61 130.6 88.5 164.3
98 53.3 44.4 82.5

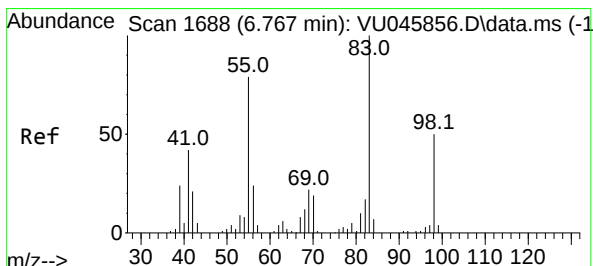
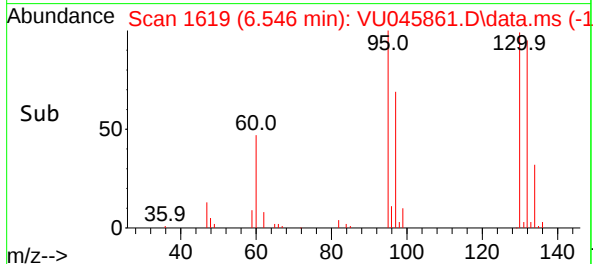
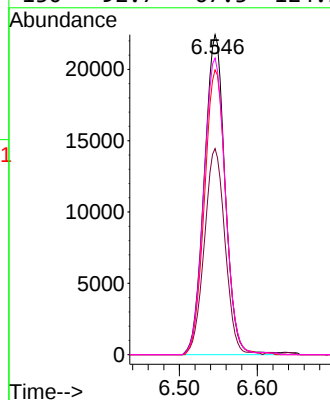
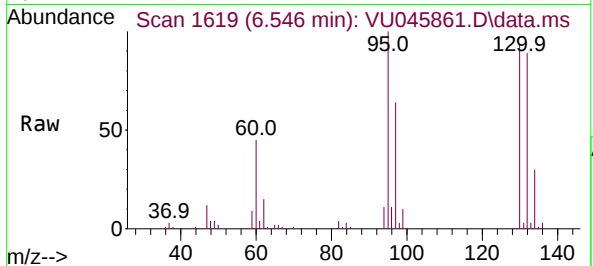




#34
Trichloroethene
Concen: 6.203 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

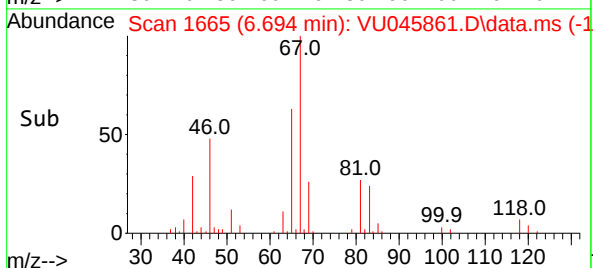
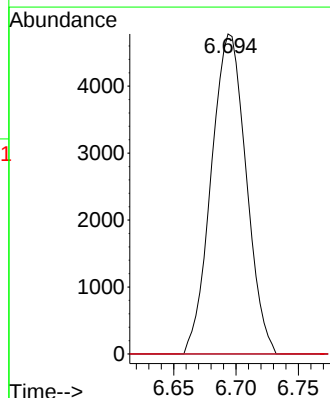
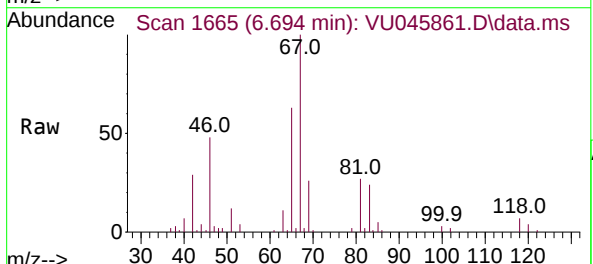
Instrument :
MSVOA_U
ClientSampleId :

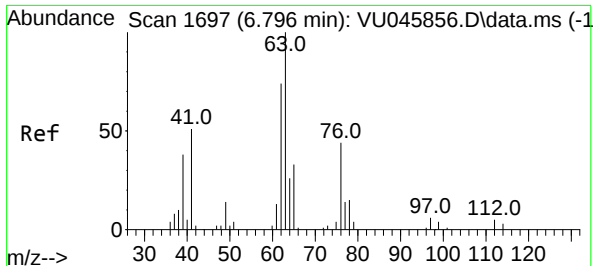
Tgt Ion: 95 Resp: 41733
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.5
132 89.0 65.1 120.9
130 92.7 67.3 124.9



#35
Methylcyclohexane
Concen: 0.902 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045861.D
Acq: 18 Nov 2021 11:55

Tgt Ion: 83 Resp: 9317
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: 0.589 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045861.D

Acq: 18 Nov 2021 11:55

Instrument :

MSVOA_U

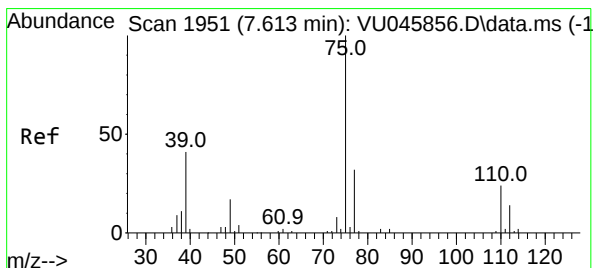
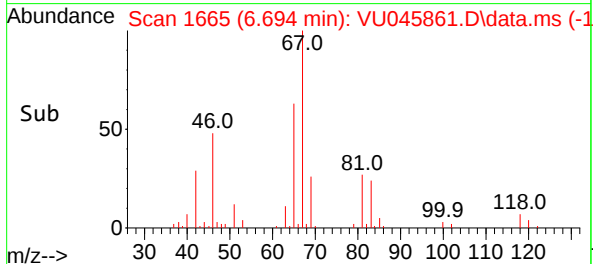
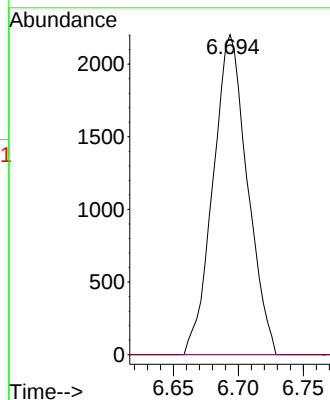
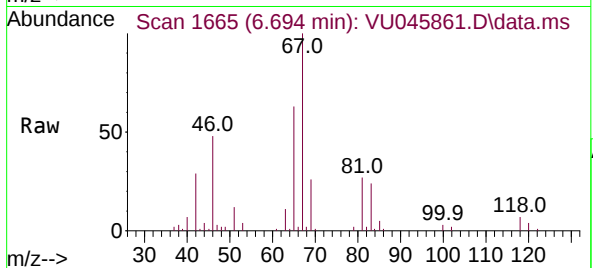
ClientSampleId :

Tgt Ion: 63 Resp: 4049

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.571 min Scan# 1938

Delta R.T. -0.042 min

Lab File: VU045861.D

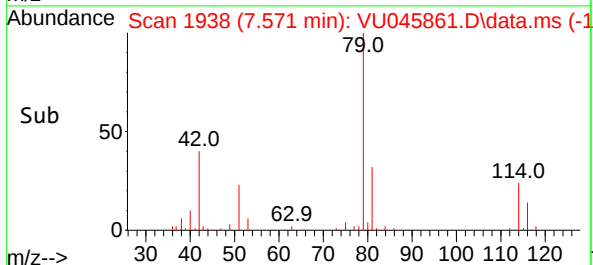
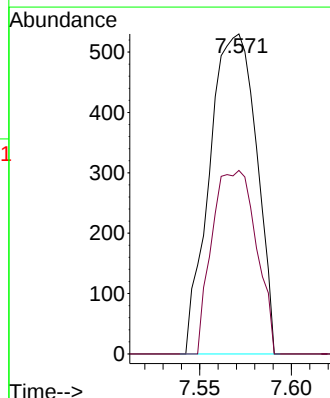
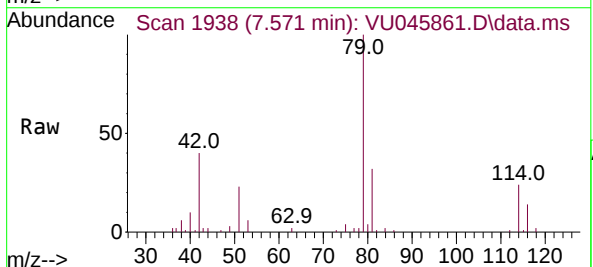
Acq: 18 Nov 2021 11:55

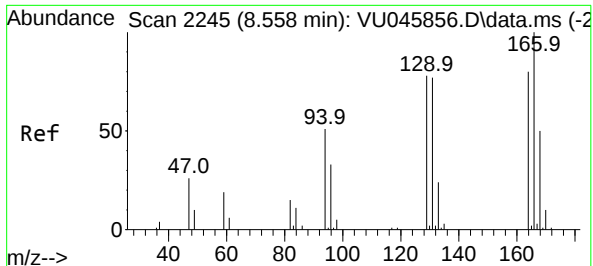
Tgt Ion: 75 Resp: 943

Ion Ratio Lower Upper

75 100

77 57.4 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.904 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

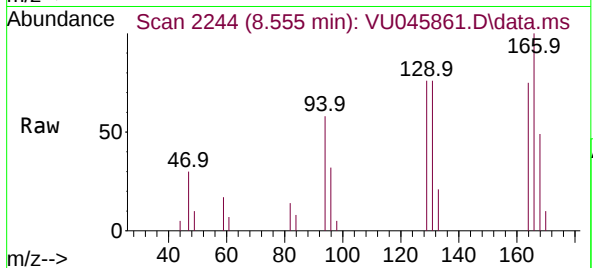
Lab File: VU045861.D

Acq: 18 Nov 2021 11:55

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 4256

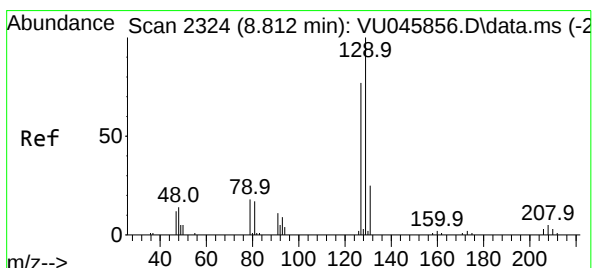
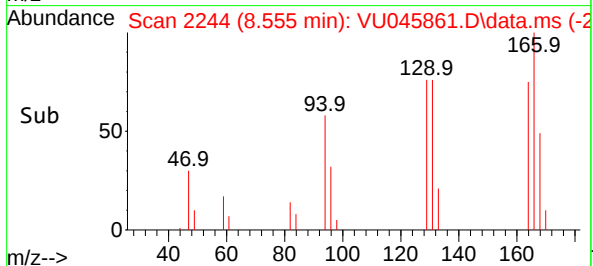
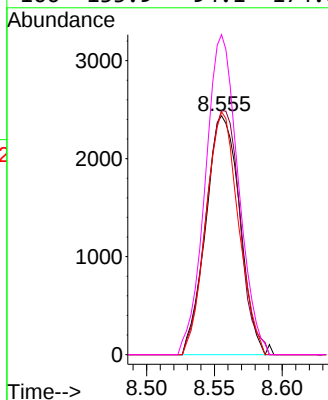
Ion Ratio Lower Upper

164 100

129 102.1 71.8 133.4

131 101.6 68.5 127.3

166 133.9 94.1 174.8



#49

Dibromochloromethane

Concen: 0.743 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU045861.D

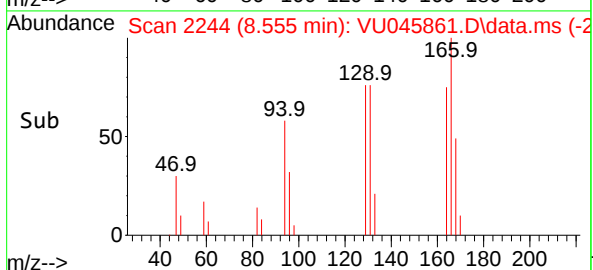
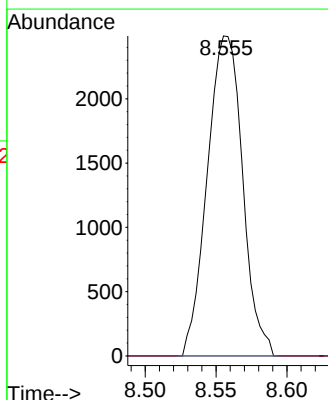
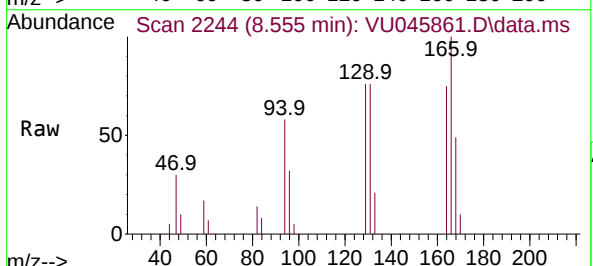
Acq: 18 Nov 2021 11:55

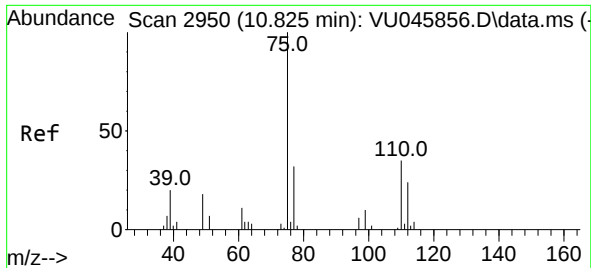
Tgt Ion:129 Resp: 4319

Ion Ratio Lower Upper

129 100

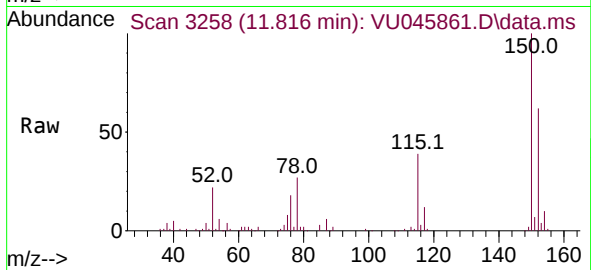
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.223 ug/L
 RT: 11.816 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU045861.D
 Acq: 18 Nov 2021 11:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5414
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.7 25.5 38.3

