

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045858.D
 Acq On : 18 Nov 2021 10:43
 Operator : SY/MD
 Sample : M4686-05DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:51:54 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)

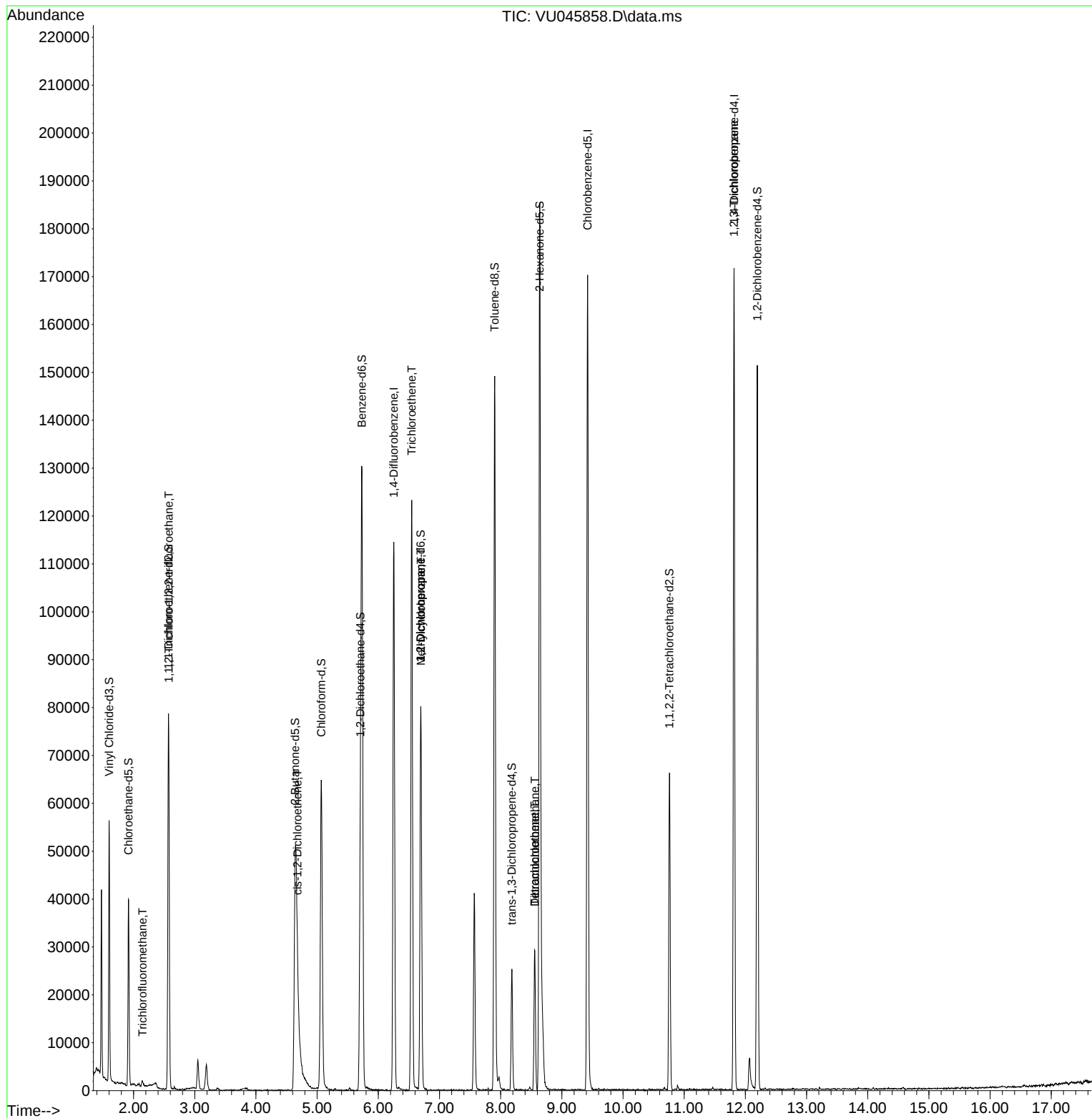
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91158	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	43833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	37327	5.168	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.400%
7) Chloroethane-d5	1.916	69	27791	5.286	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.800%
11) 1,1-Dichloroethene-d2	2.571	65	14886	4.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.642	46	99511	51.414	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.820%
24) Chloroform-d	5.070	84	59186	4.919	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	35392	5.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.732	84	122111	4.576	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.693	67	38995	4.637	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.902	98	102575	4.249	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	8.182	79	14392	4.216	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.639	63	66830	43.493	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33632	4.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39116	5.197	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	844	0.083	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	314	0.053	ug/L #	21
22) cis-1,2-Dichloroethene	4.677	96	1001	0.153	ug/L #	72
34) Trichloroethene	6.546	95	42452	6.092	ug/L	99
35) Methylcyclohexane	6.697	83	8804	0.823	ug/L #	18
37) 1,2-Dichloropropane	6.693	63	4074	0.573	ug/L #	88
47) Tetrachloroethene	8.555	164	6442	1.321	ug/L	96
49) Dibromochloromethane	8.558	129	6599	1.097	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6032	1.326	ug/L #	65

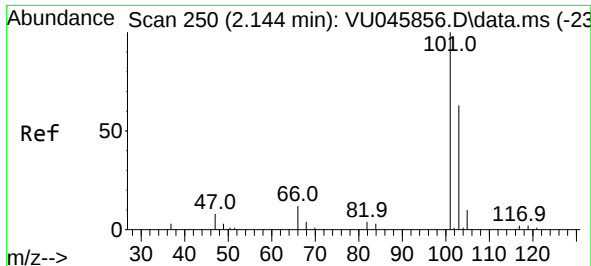
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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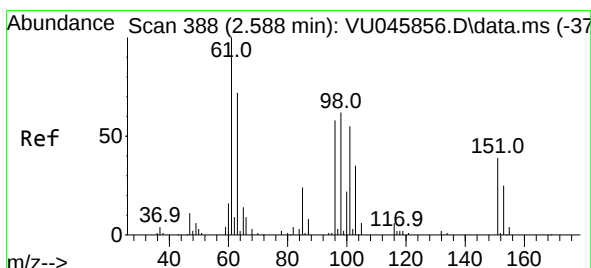
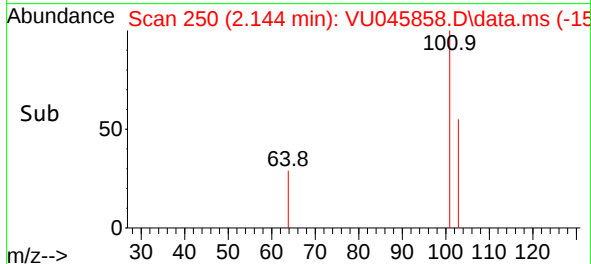
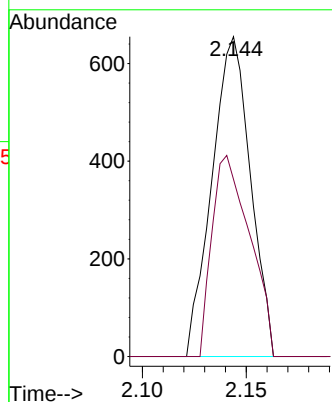
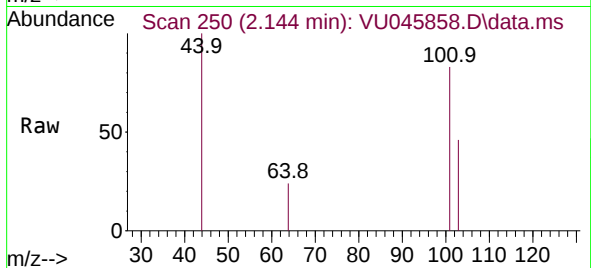




#9
Trichlorofluoromethane
Concen: 0.083 ug/L
RT: 2.144 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045858.D
Acq: 18 Nov 2021 10:43

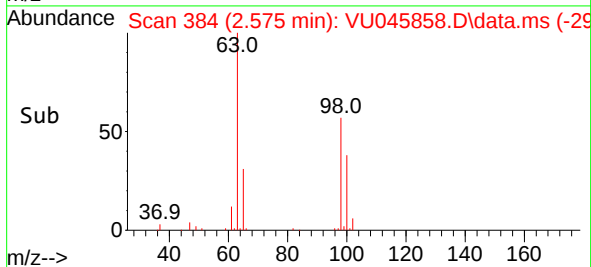
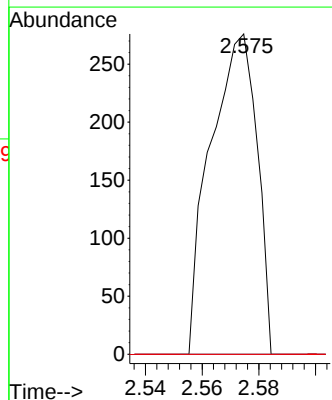
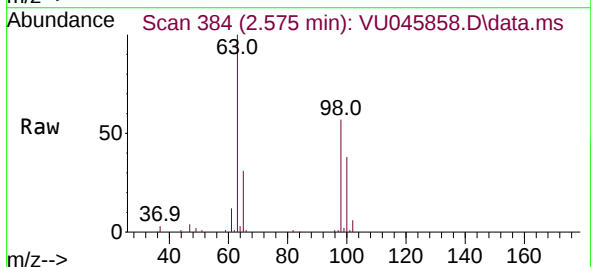
Instrument :
MSVOA_U
ClientSampleId :

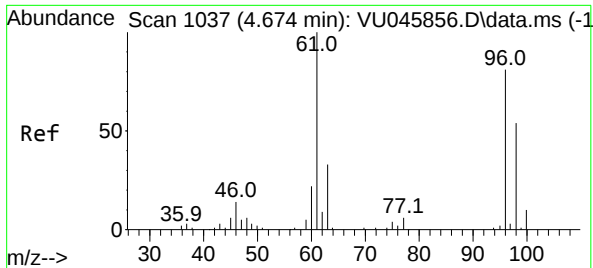
Tgt Ion:101 Resp: 844
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.053 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU045858.D
Acq: 18 Nov 2021 10:43

Tgt Ion:101 Resp: 314
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: 0.153 ug/L

RT: 4.677 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU045858.D

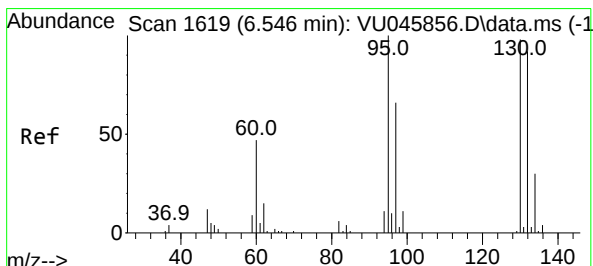
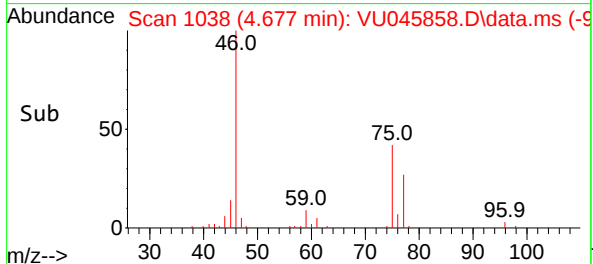
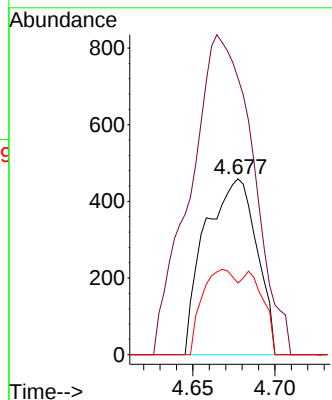
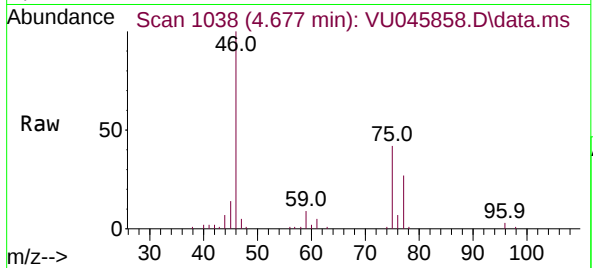
Acq: 18 Nov 2021 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96	Resp: 1001
Ion Ratio	Lower Upper
96	100
61	157.3 88.5 164.3
98	40.7 44.4 82.5#



#34

Trichloroethene

Concen: 6.092 ug/L

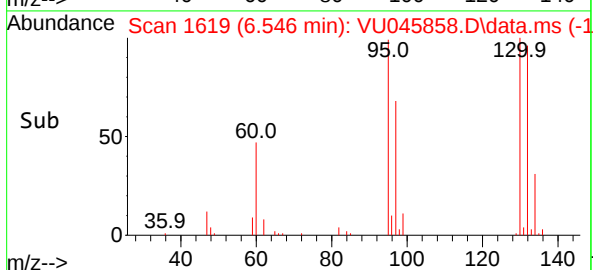
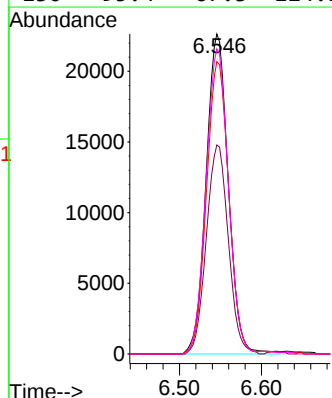
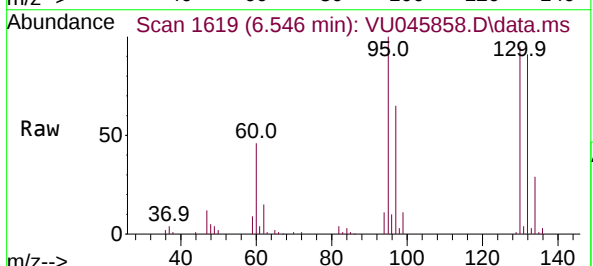
RT: 6.546 min Scan# 1619

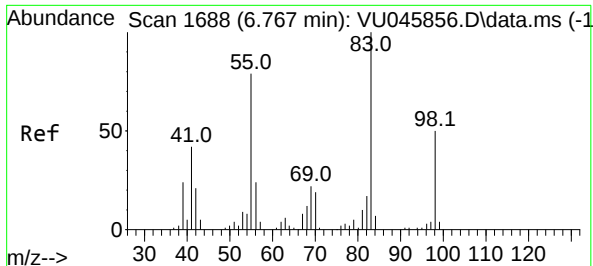
Delta R.T. -0.000 min

Lab File: VU045858.D

Acq: 18 Nov 2021 10:43

Tgt Ion: 95	Resp: 42452
Ion Ratio	Lower Upper
95	100
97	65.3 46.5 86.5
132	91.3 65.1 120.9
130	95.4 67.3 124.9





#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU045858.D

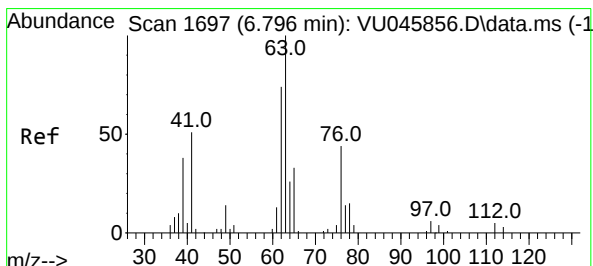
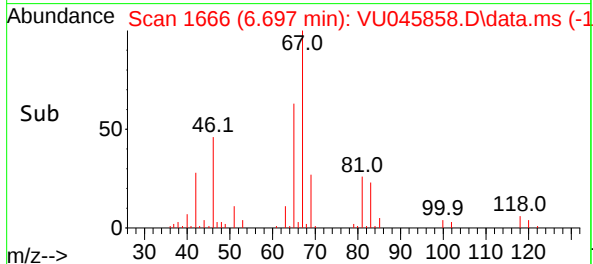
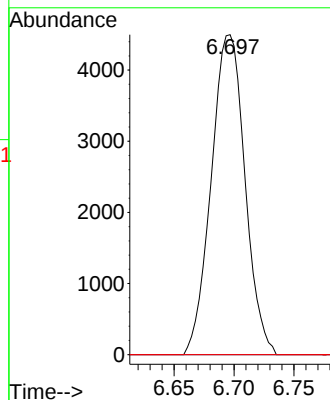
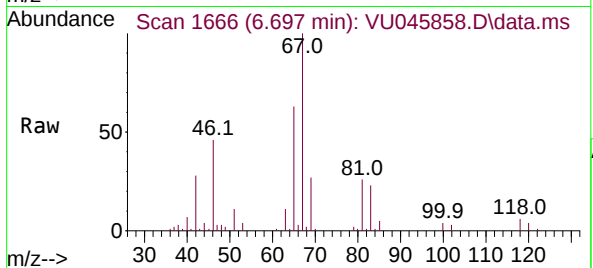
Acq: 18 Nov 2021 10:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 8804
Ion Ratio	Lower Upper
83 100	
55 0.0	61.9 92.9#
98 0.7	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.573 ug/L

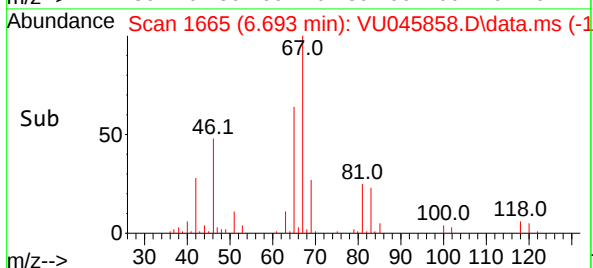
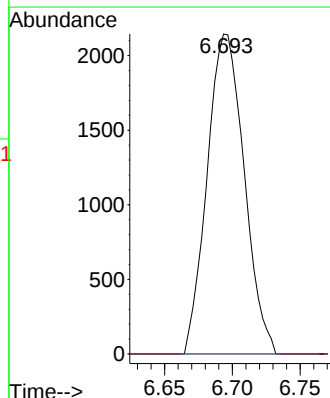
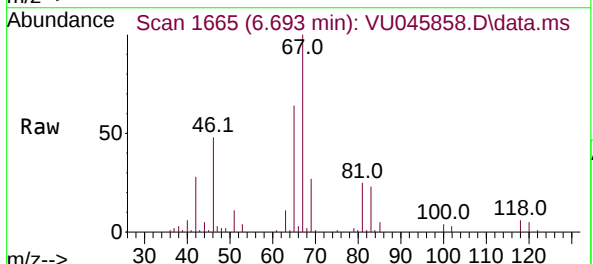
RT: 6.693 min Scan# 1665

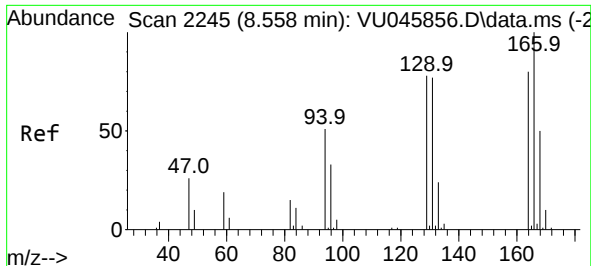
Delta R.T. -0.103 min

Lab File: VU045858.D

Acq: 18 Nov 2021 10:43

Tgt Ion: 63	Resp: 4074
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#47

Tetrachloroethene

Concen: 1.321 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.003 min

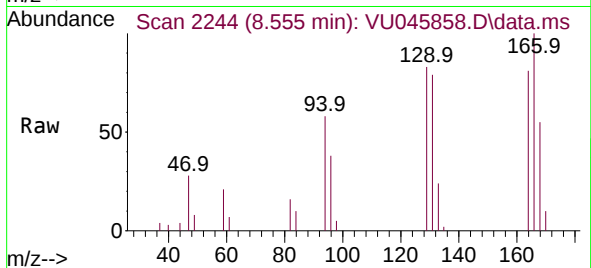
Lab File: VU045858.D

Acq: 18 Nov 2021 10:43

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 6442

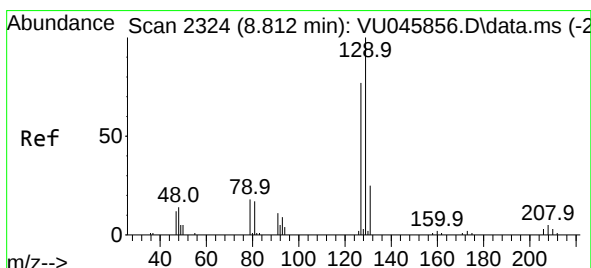
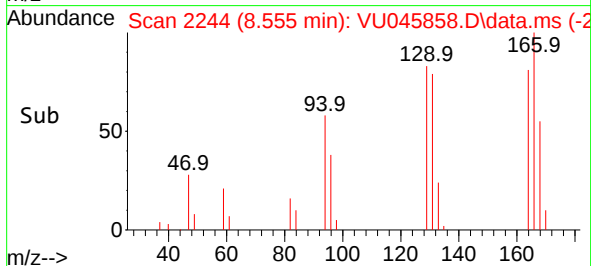
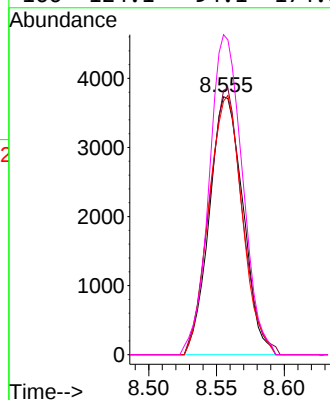
Ion Ratio Lower Upper

164 100

129 102.5 71.8 133.4

131 98.3 68.5 127.3

166 124.1 94.1 174.8



#49

Dibromochloromethane

Concen: 1.097 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. -0.254 min

Lab File: VU045858.D

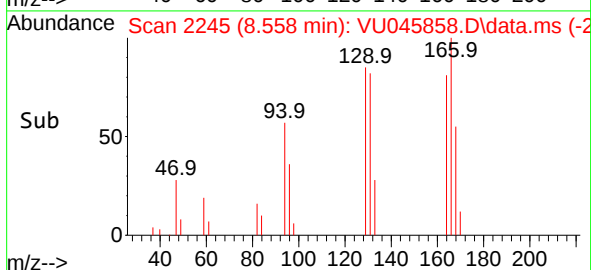
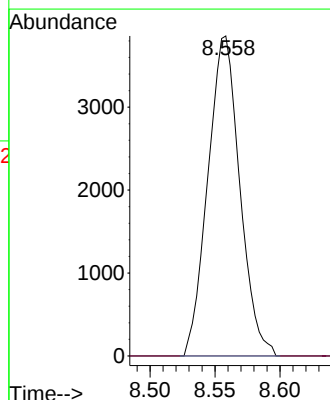
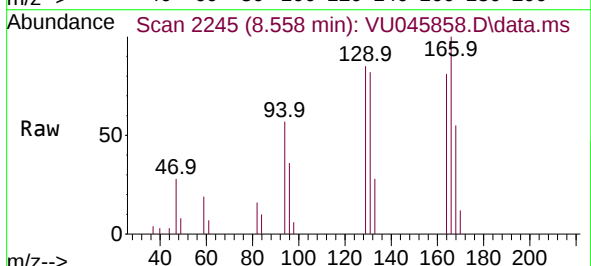
Acq: 18 Nov 2021 10:43

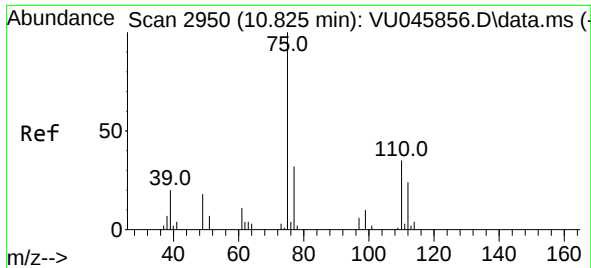
Tgt Ion:129 Resp: 6599

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.326 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

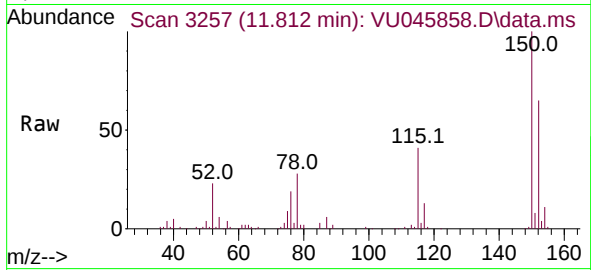
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Tgt Ion: 75 Resp: 6032

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.6 25.5 38.3

