

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046825.D
 Acq On : 21 Jan 2022 14:48
 Operator : SY/MD
 Sample : N1223-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jan 24 00:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

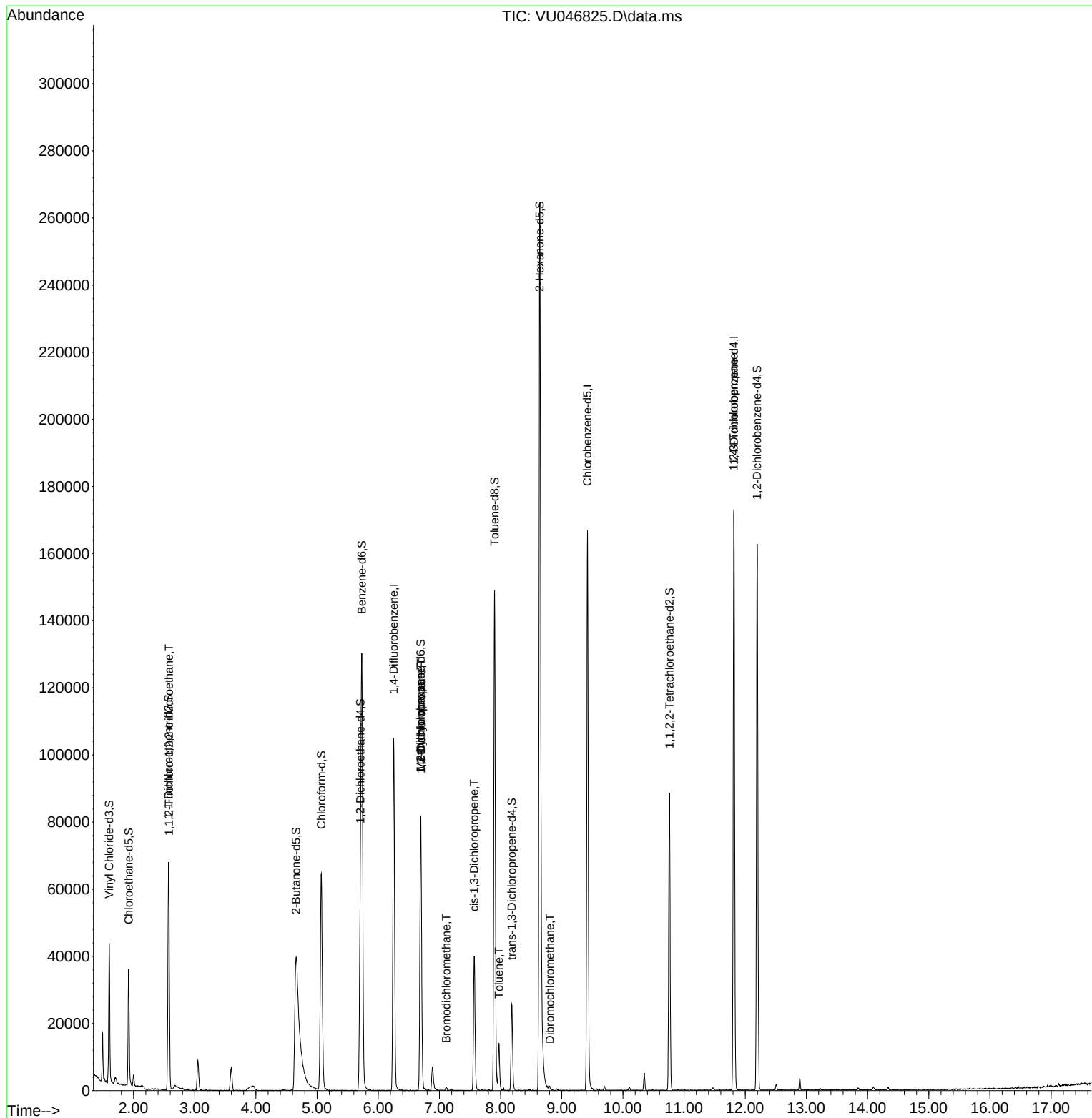
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89087	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96567	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	48458	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30490	4.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.919	69	27298	4.590	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.572	65	12913	4.300	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.000%
20) 2-Butanone-d5	4.655	46	131225	58.678	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.360%
24) Chloroform-d	5.070	84	62589	4.723	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.707	65	37819	5.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
32) Benzene-d6	5.732	84	125326	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.694	67	40292	4.728	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.903	98	104256	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	8.182	79	16678	4.457	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.639	63	116656	52.646	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	44113	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	43599	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	312	0.060	ug/L #	21
35) Methylcyclohexane	6.694	83	9950	1.006	ug/L #	22
37) 1,2-Dichloropropane	6.697	63	4160	0.746	ug/L #	88
38) Bromodichloromethane	7.112	83	918	0.114	ug/L #	84
39) cis-1,3-Dichloropropene	7.568	75	961	0.110	ug/L #	65
42) Toluene	7.973	91	10291	0.379	ug/L	100
49) Dibromochloromethane	8.809	129	329	0.059	ug/L	75
61) 1,2,3-Trichloropropane	11.812	75	5825	1.419	ug/L #	65

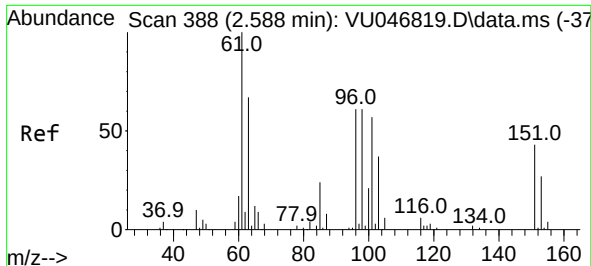
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 24 00:23:26 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.060 ug/L

RT: 2.578 min Scan# 312

Delta R.T. -0.010 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

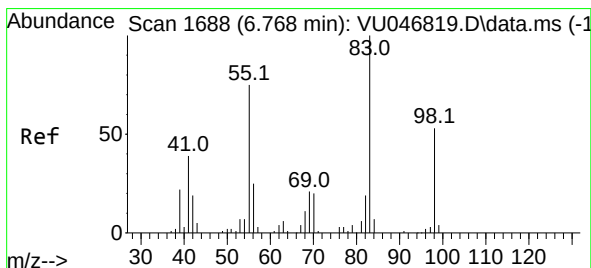
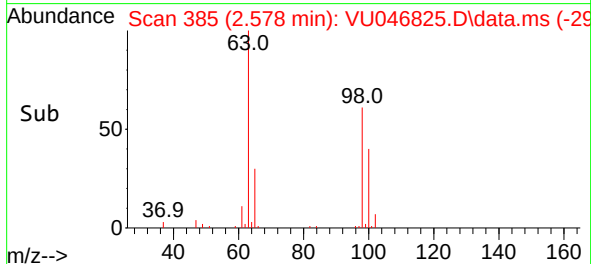
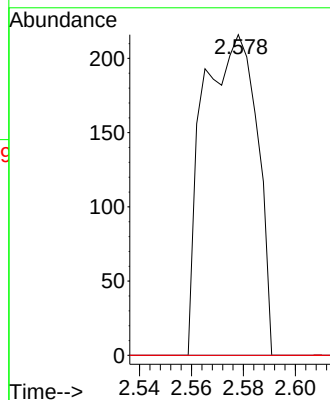
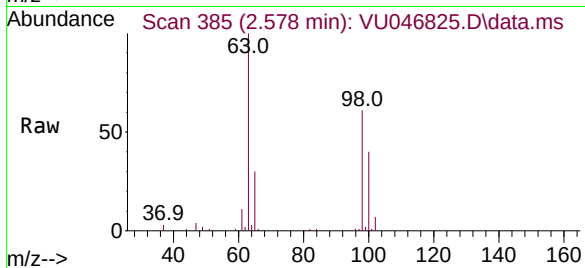
Tgt Ion:101 Resp: 312

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#35

Methylcyclohexane

Concen: 1.006 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

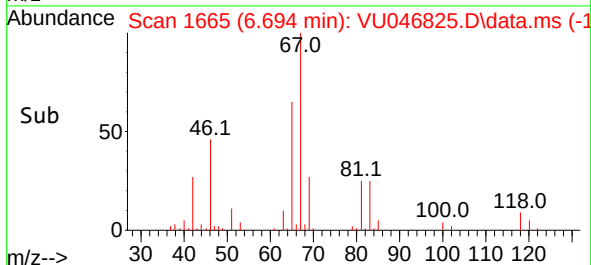
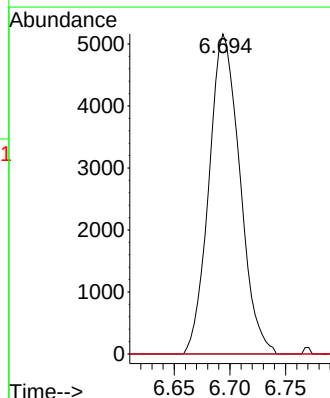
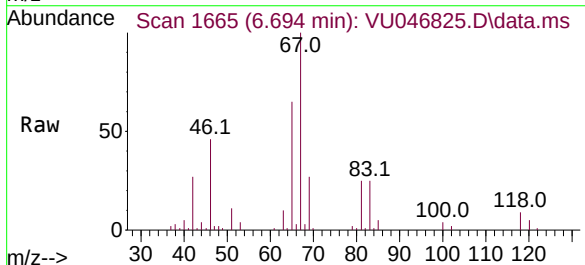
Tgt Ion: 83 Resp: 9950

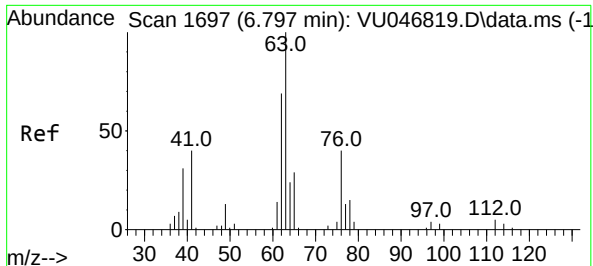
Ion Ratio Lower Upper

83 100

55 5.7 61.9 92.9#

98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.746 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

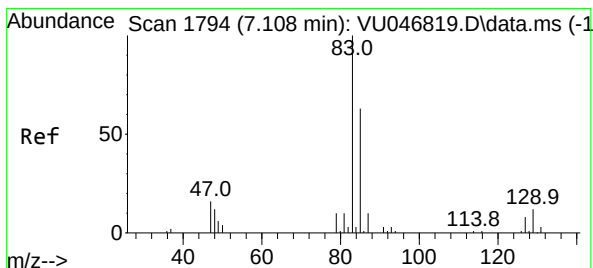
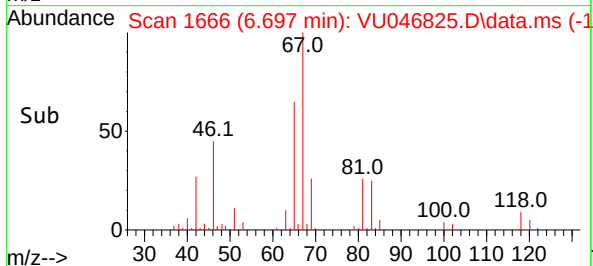
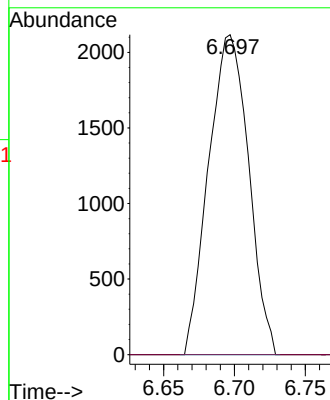
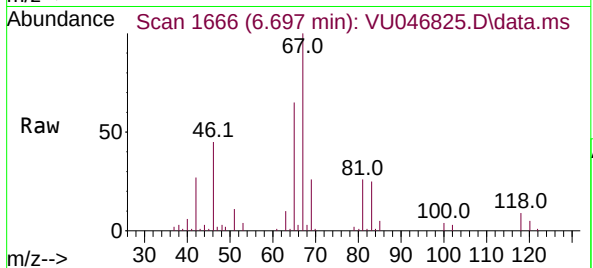
VHBLK001

Tgt Ion: 63 Resp: 4160

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#38

Bromodichloromethane

Concen: 0.114 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

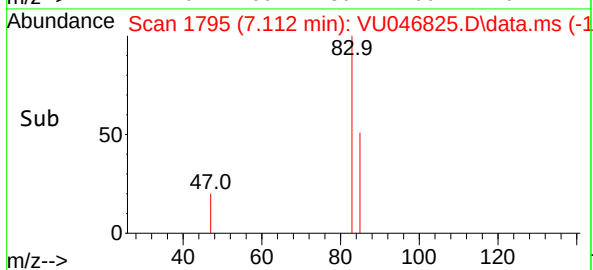
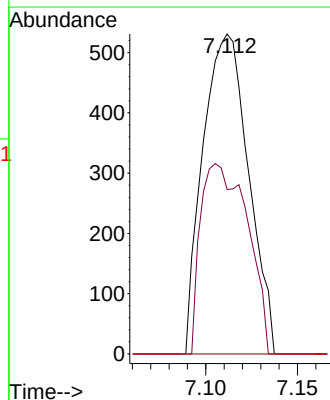
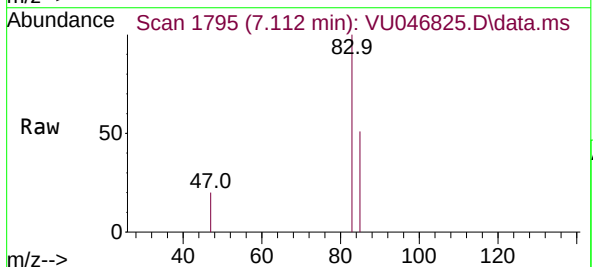
Tgt Ion: 83 Resp: 918

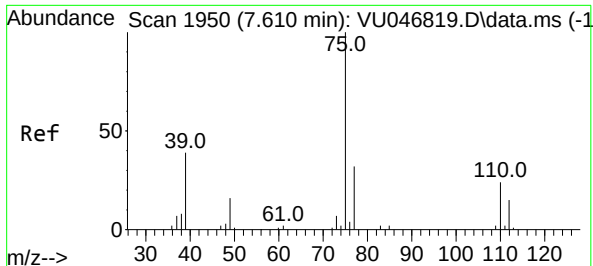
Ion Ratio Lower Upper

83 100

85 51.4 44.0 81.8

127 0.0 6.3 9.5#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

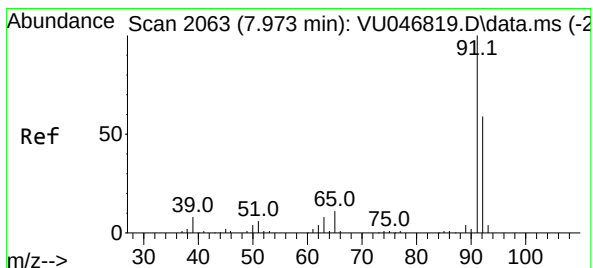
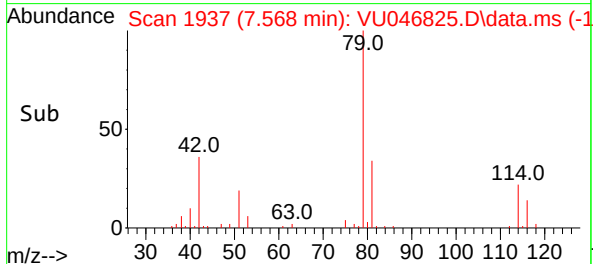
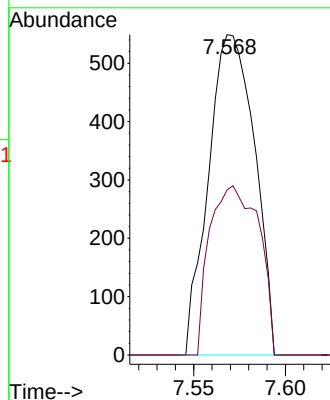
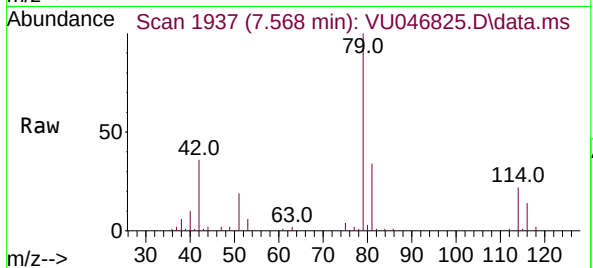
VHBLK001

Tgt Ion: 75 Resp: 961

Ion Ratio Lower Upper

75 100

77 51.5 22.5 41.9#



#42

Toluene

Concen: 0.379 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046825.D

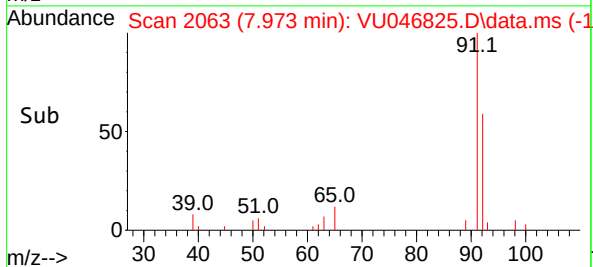
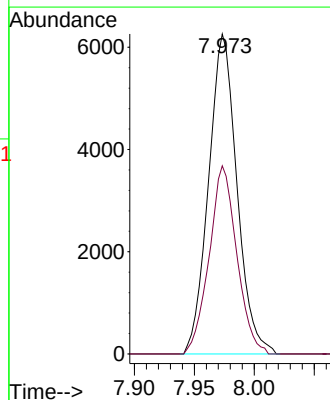
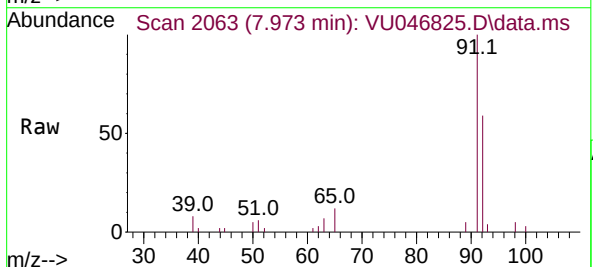
Acq: 21 Jan 2022 14:48

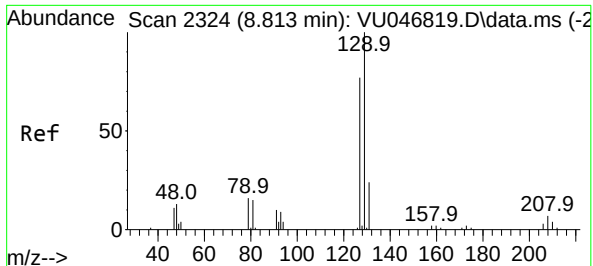
Tgt Ion: 91 Resp: 10291

Ion Ratio Lower Upper

91 100

92 58.8 41.3 76.7





#49

Dibromochloromethane

Concen: 0.059 ug/L

RT: 8.809 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

Instrument :

MSVOA_U

ClientSampleId :

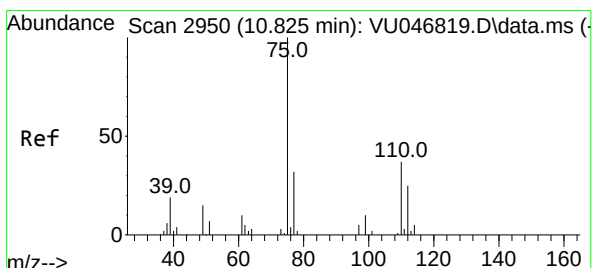
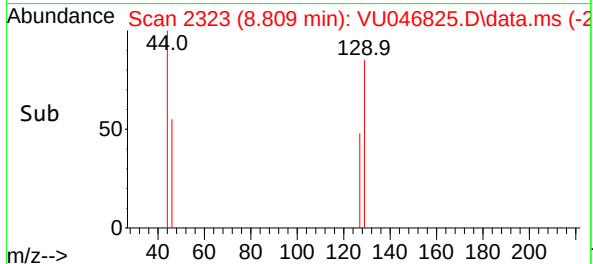
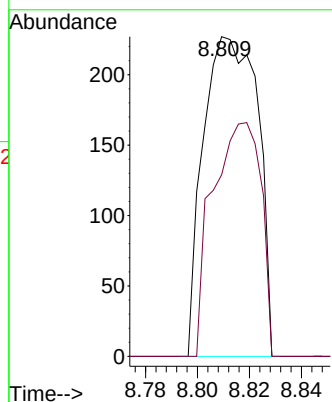
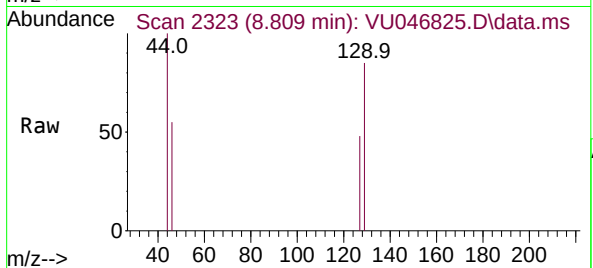
VHBLK001

Tgt Ion:129 Resp: 329

Ion Ratio Lower Upper

129 100

127 56.8 55.4 102.8



#61

1,2,3-Trichloropropane

Concen: 1.419 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046825.D

Acq: 21 Jan 2022 14:48

Tgt Ion: 75 Resp: 5825

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.7 25.5 38.3

