

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045835.D
 Acq On : 17 Nov 2021 13:13
 Operator : SY/MD
 Sample : M4686-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:19:37 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)

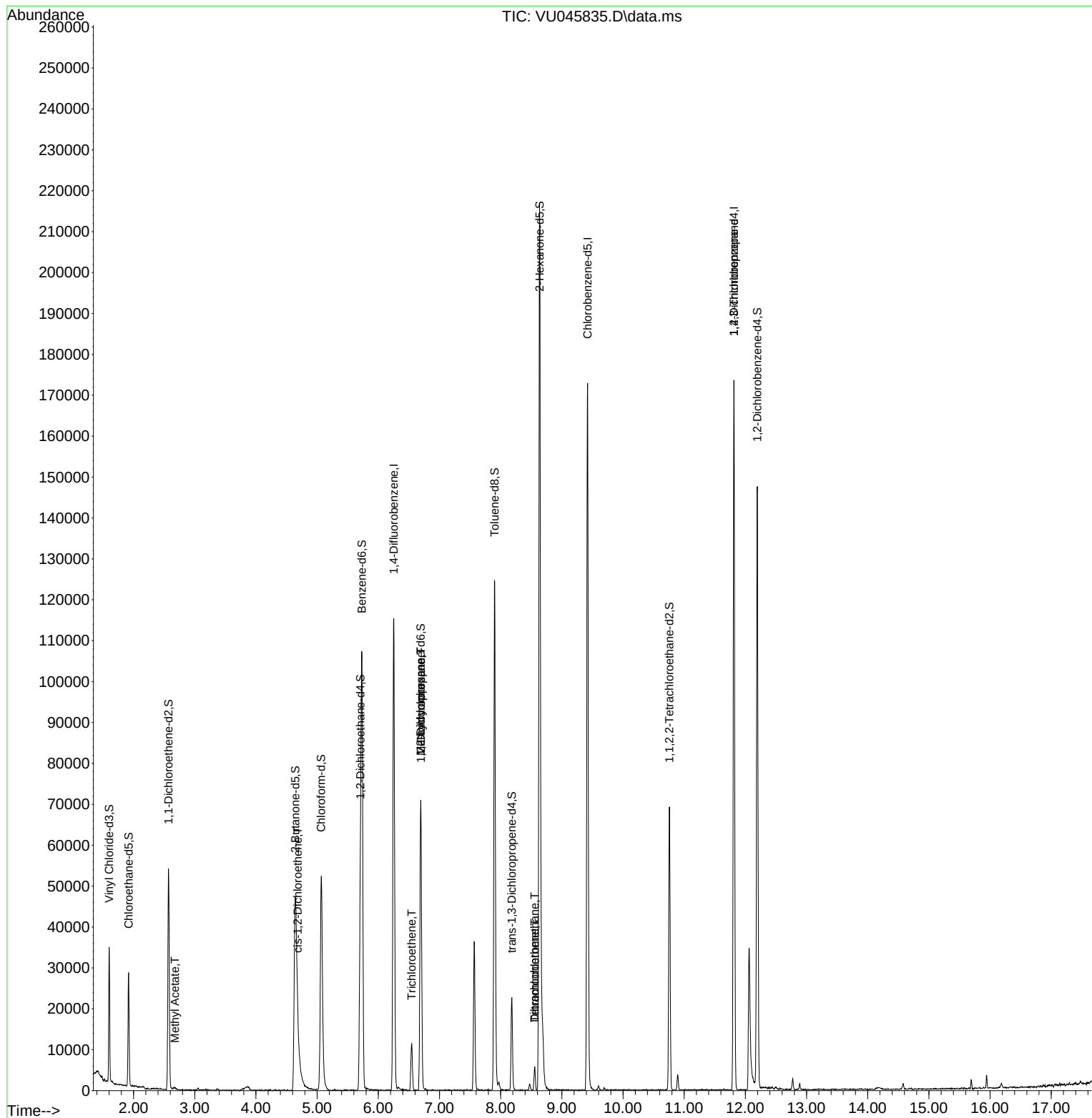
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	93739	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97310	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	45540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	22633	3.047	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.000%
7) Chloroethane-d5	1.919	69	20487	3.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.572	65	10232	3.285	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.600%
20) 2-Butanone-d5	4.645	46	113842	57.199	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.400%
24) Chloroform-d	5.067	84	47583	3.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
26) 1,2-Dichloroethane-d4	5.706	65	32582	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.732	84	101024	3.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.694	67	34104	4.038	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.903	98	83632	3.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	8.182	79	13673	3.988	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.800%
46) 2-Hexanone-d5	8.636	63	78295	50.737	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34518	4.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	36839	4.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.200%
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.678	43	515	0.179	ug/L #	51
22) cis-1,2-Dichloroethene	4.681	96	505	0.075	ug/L	86
34) Trichloroethene	6.546	95	3887	0.555	ug/L	96
35) Methylcyclohexane	6.694	83	8090	0.753	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	3623	0.507	ug/L #	88
47) Tetrachloroethene	8.555	164	1214	0.248	ug/L	86
49) Dibromochloromethane	8.555	129	1390	0.230	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5695	1.205	ug/L #	64

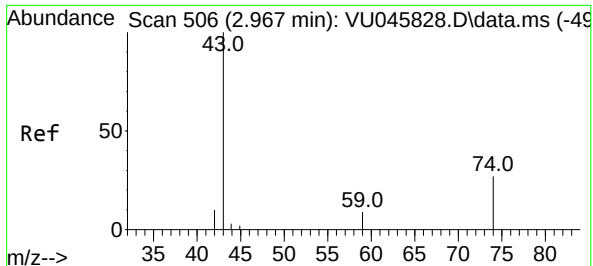
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 18 02:11:55 2021
Response via : Initial Calibration

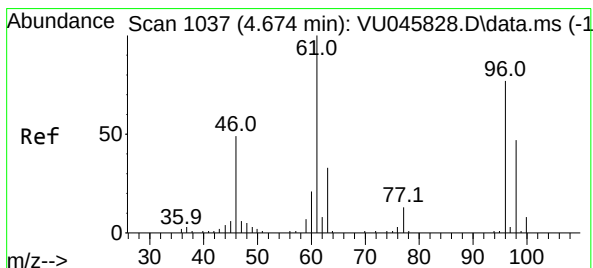
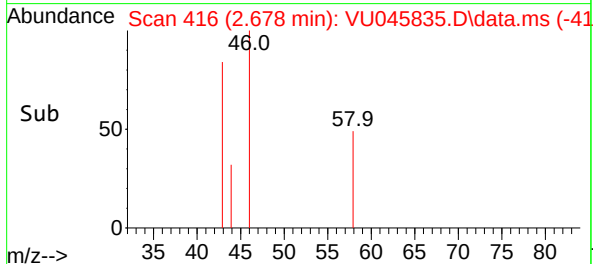
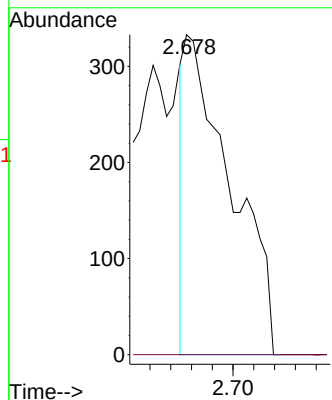
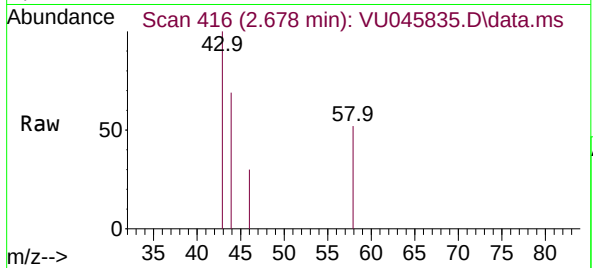




#15
Methyl Acetate
Concen: 0.179 ug/L
RT: 2.678 min Scan# 416
Delta R.T. -0.289 min
Lab File: VU045835.D
Acq: 17 Nov 2021 13:13

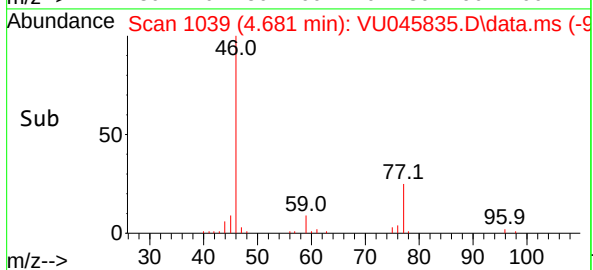
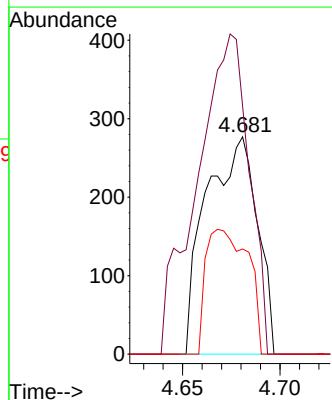
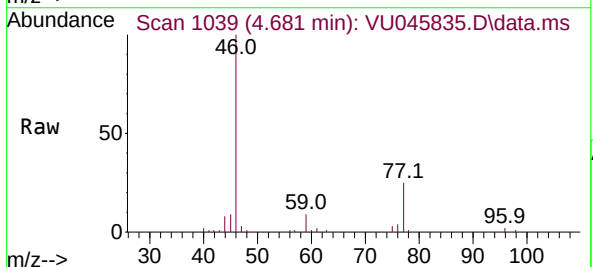
Instrument :
MSVOA_U
ClientSampleId :

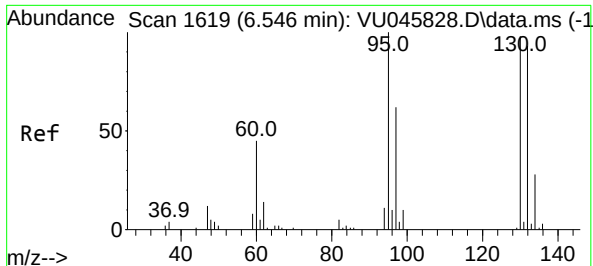
Tgt Ion: 43 Resp: 515
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#22
cis-1,2-Dichloroethene
Concen: 0.075 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU045835.D
Acq: 17 Nov 2021 13:13

Tgt Ion: 96 Resp: 505
Ion Ratio Lower Upper
96 100
61 114.1 88.5 164.3
98 48.4 44.4 82.5

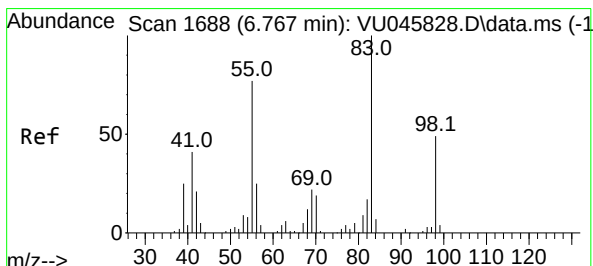
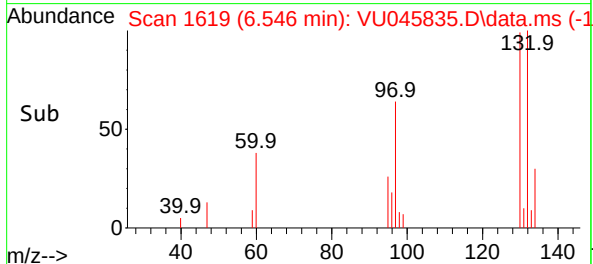
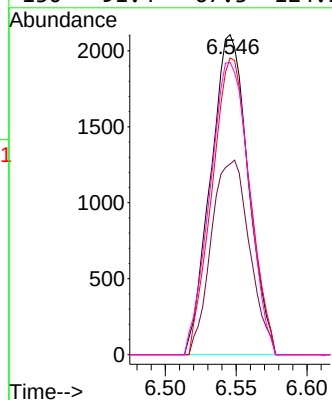
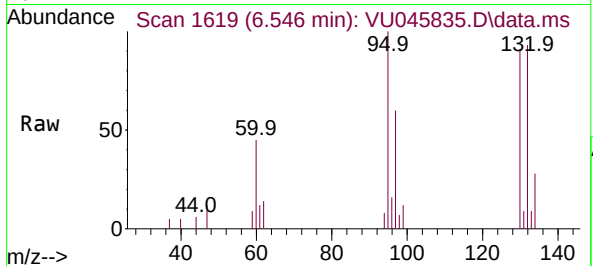




#34
Trichloroethene
Concen: 0.555 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045835.D
Acq: 17 Nov 2021 13:13

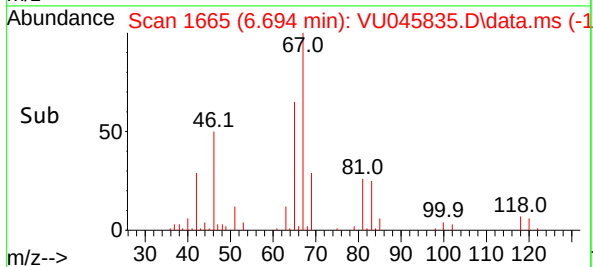
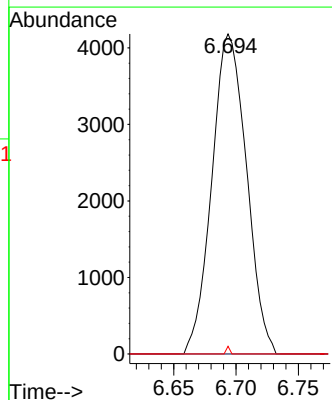
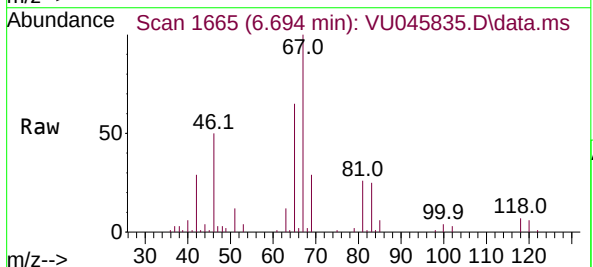
Instrument :
MSVOA_U
ClientSampleId :

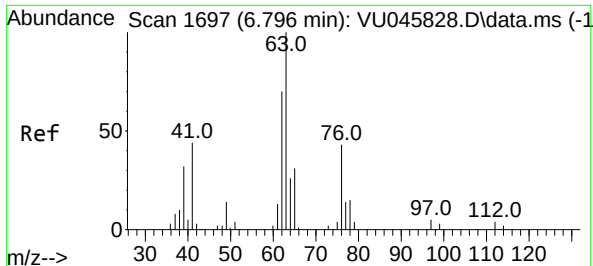
Tgt Ion: 95 Resp: 3887
Ion Ratio Lower Upper
95 100
97 59.6 46.5 86.5
132 92.7 65.1 120.9
130 91.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045835.D
Acq: 17 Nov 2021 13:13

Tgt Ion: 83 Resp: 8090
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.2 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.507 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045835.D

Acq: 17 Nov 2021 13:13

Instrument :

MSVOA_U

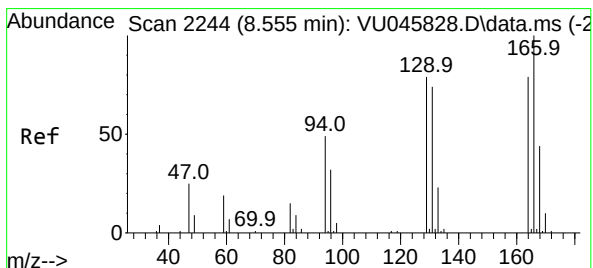
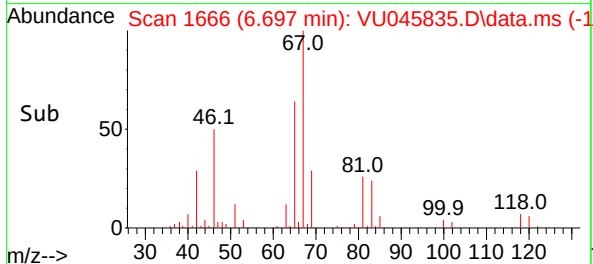
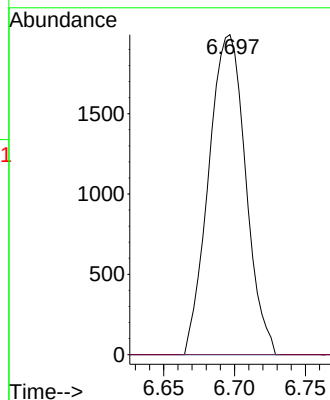
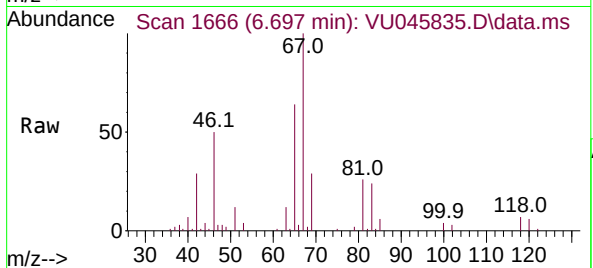
ClientSampleId :

Tgt Ion: 63 Resp: 3623

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 0.248 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045835.D

Acq: 17 Nov 2021 13:13

Tgt Ion: 164 Resp: 1214

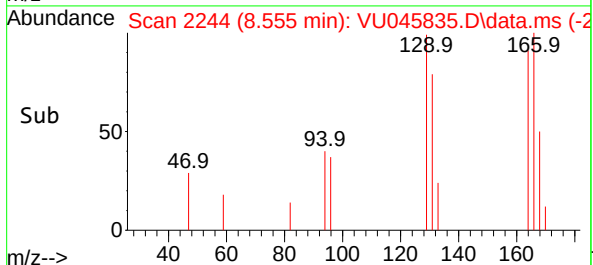
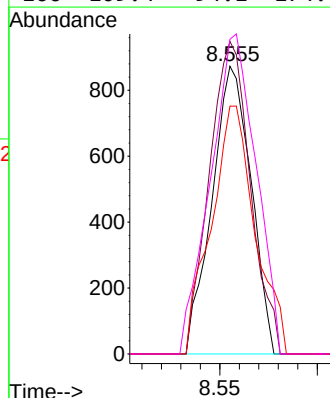
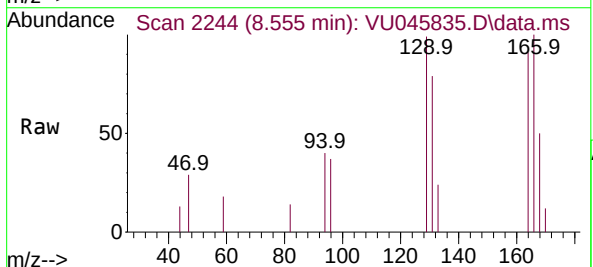
Ion Ratio Lower Upper

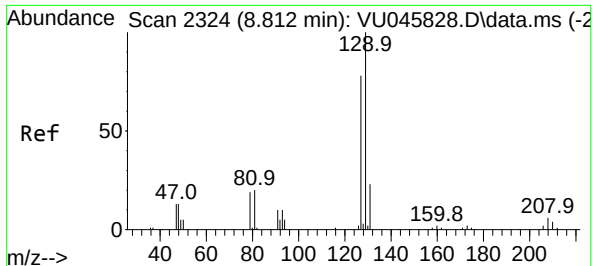
164 100

129 108.6 71.8 133.4

131 86.1 68.5 127.3

166 109.4 94.1 174.8





#49

Dibromochloromethane

Concen: 0.230 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045835.D

Acq: 17 Nov 2021 13:13

Instrument :

MSVOA_U

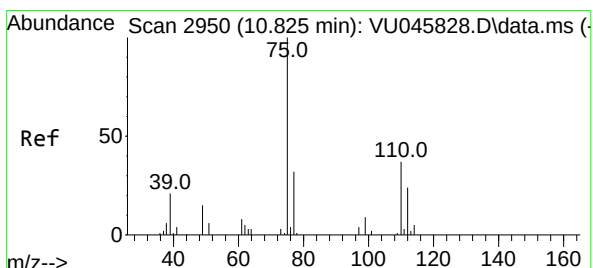
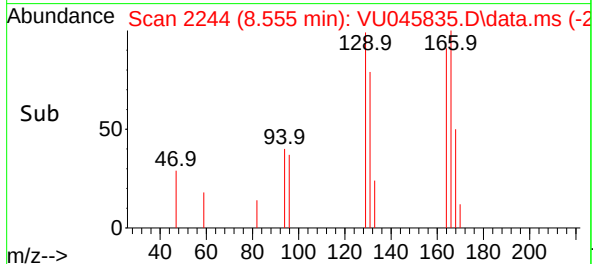
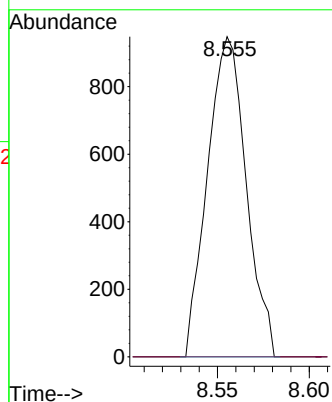
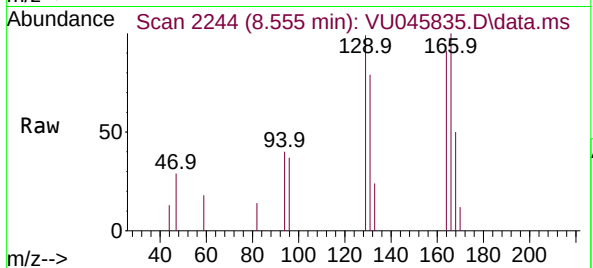
ClientSampleId :

Tgt Ion:129 Resp: 1390

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.205 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045835.D

Acq: 17 Nov 2021 13:13

Tgt Ion: 75 Resp: 5695

Ion Ratio Lower Upper

75 100

110 2.1 29.9 44.9#

77 37.1 25.5 38.3

