

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045822.D
 Acq On : 16 Nov 2021 21:14
 Operator : SY/MD
 Sample : M4686-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:54:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

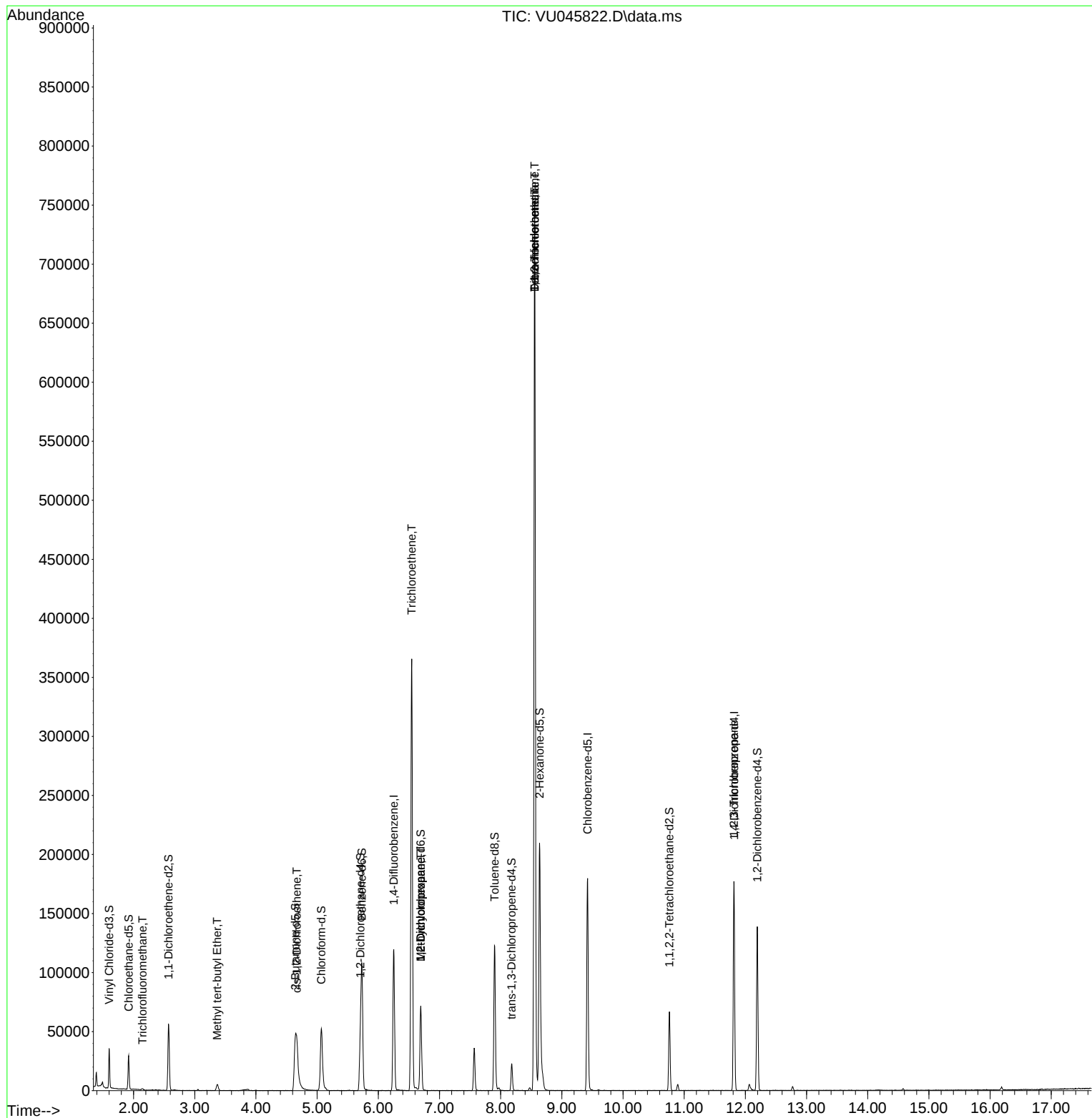
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	94611	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	100592	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	45687	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23469	3.131	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.919	69	20572	3.770	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.400%
11) 1,1-Dichloroethene-d2	2.572	65	10497	3.339	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	4.645	46	106628	53.081	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.160%
24) Chloroform-d	5.070	84	47567	3.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	5.706	65	31041	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.732	84	100997	3.646	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.694	67	34323	3.931	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.899	98	84876	3.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.800%#
43) trans-1,3-Dichloroprop...	8.179	79	13190	3.722	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.636	63	76293	47.826	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32402	4.393	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	35151	4.481	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
9) Trichlorofluoromethane	2.144	101	554	0.052	ug/L	86
17) Methyl tert-butyl Ether	3.366	73	5962	0.391	ug/L	97
22) cis-1,2-Dichloroethene	4.668	96	8169	1.200	ug/L	98
34) Trichloroethene	6.546	95	124007	17.141	ug/L	99
35) Methylcyclohexane	6.694	83	7622	0.686	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	3427	0.464	ug/L #	88
45) 1,1,2-Trichloroethane	8.555	97	1495	0.273	ug/L #	1
47) Tetrachloroethene	8.555	164	161698	31.928	ug/L	97
49) Dibromochloromethane	8.555	129	158356	25.352	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6076	1.281	ug/L #	65

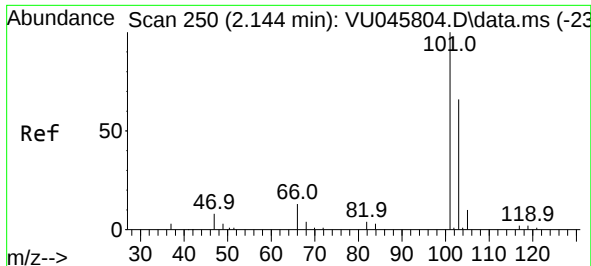
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
Data File : VU045822.D
Acq On : 16 Nov 2021 21:14
Operator : SY/MD
Sample : M4686-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

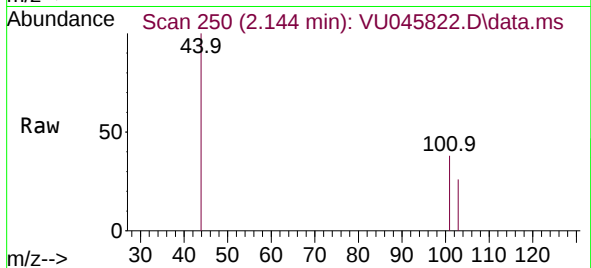
Quant Time: Nov 17 04:54:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 04:49:52 2021
Response via : Initial Calibration



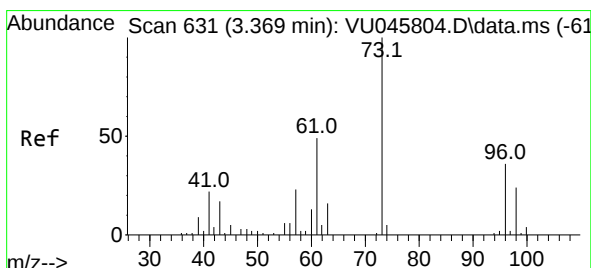
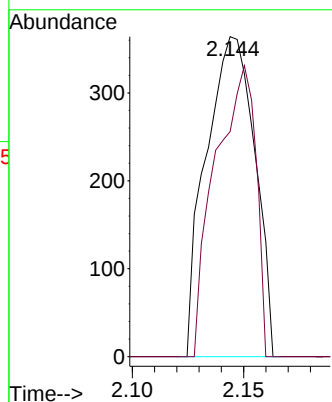
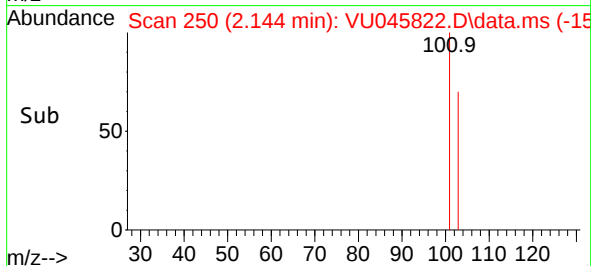


#9
 Trichlorofluoromethane
 Concen: 0.052 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045822.D
 Acq: 16 Nov 2021 21:14

Instrument :
 MSVOA_U
 ClientSampleId :

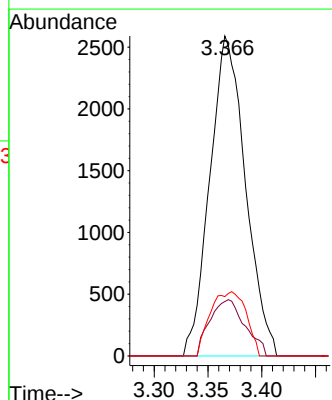
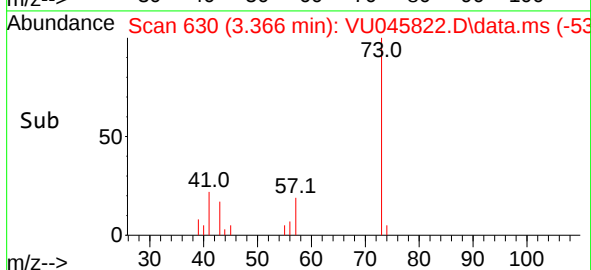
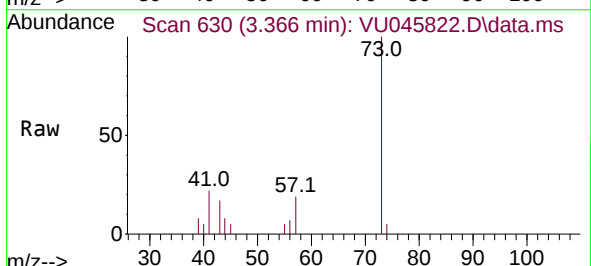


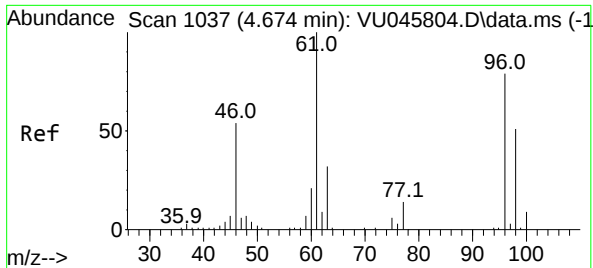
Tgt Ion:101 Resp: 554
 Ion Ratio Lower Upper
 101 100
 103 75.3 51.5 77.3



#17
 Methyl tert-butyl Ether
 Concen: 0.391 ug/L
 RT: 3.366 min Scan# 630
 Delta R.T. -0.003 min
 Lab File: VU045822.D
 Acq: 16 Nov 2021 21:14

Tgt Ion: 73 Resp: 5962
 Ion Ratio Lower Upper
 73 100
 43 17.4 14.8 22.2
 57 20.2 17.4 26.0





#22

cis-1,2-Dichloroethene

Concen: 1.200 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VU045822.D

Acq: 16 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

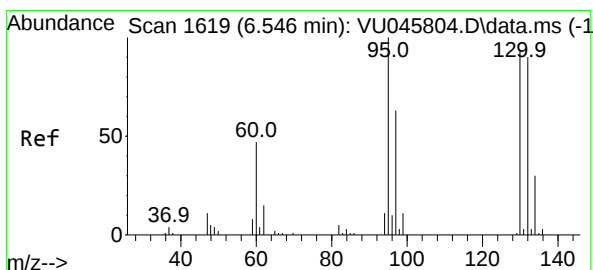
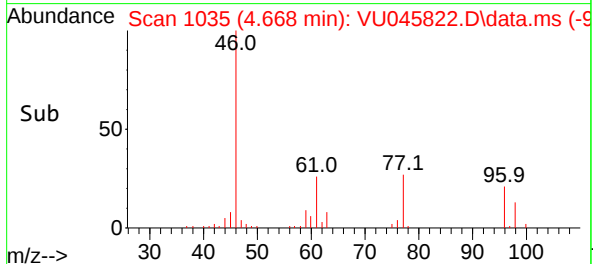
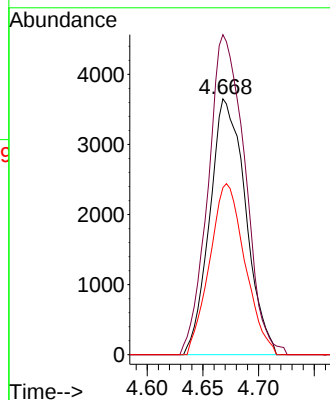
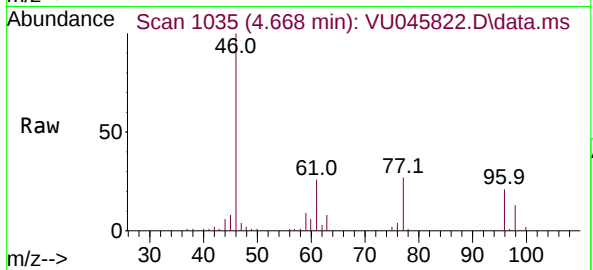
Tgt Ion: 96 Resp: 8169

Ion Ratio Lower Upper

96 100

61 125.1 88.5 164.3

98 65.3 44.4 82.5



#34

Trichloroethene

Concen: 17.141 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045822.D

Acq: 16 Nov 2021 21:14

Tgt Ion: 95 Resp: 124007

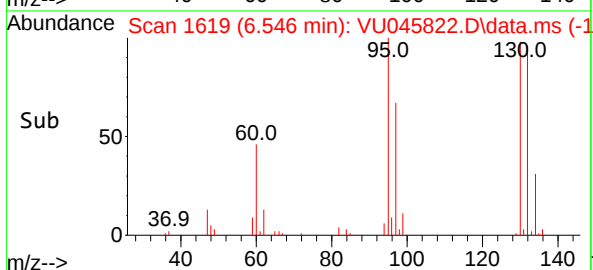
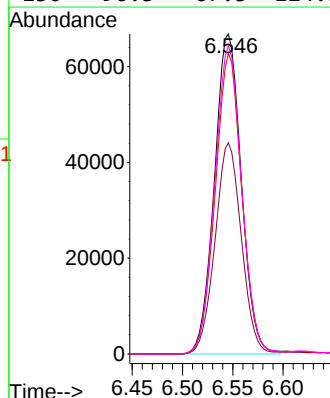
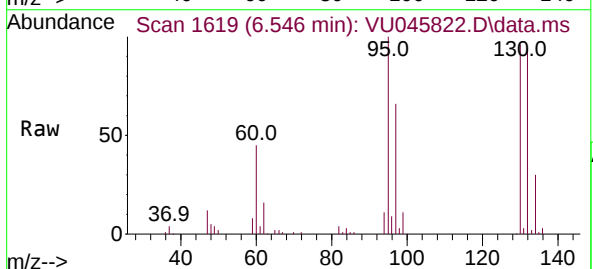
Ion Ratio Lower Upper

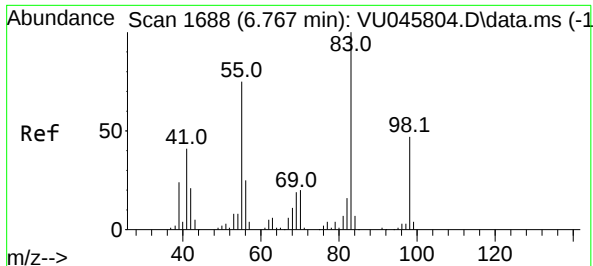
95 100

97 66.0 46.5 86.5

132 93.9 65.1 120.9

130 96.3 67.3 124.9





#35

Methylcyclohexane

Concen: 0.686 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.074 min

Lab File: VU045822.D

Acq: 16 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

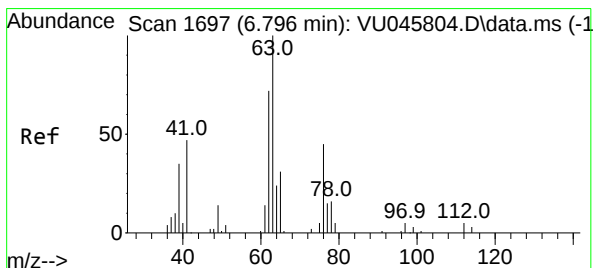
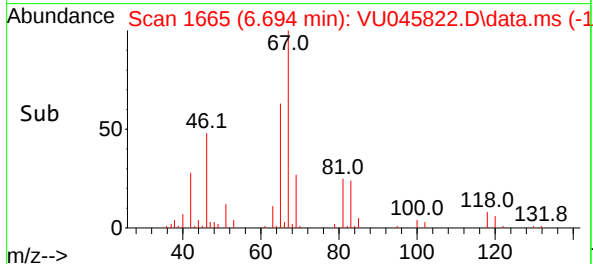
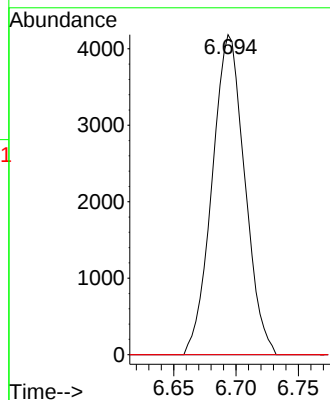
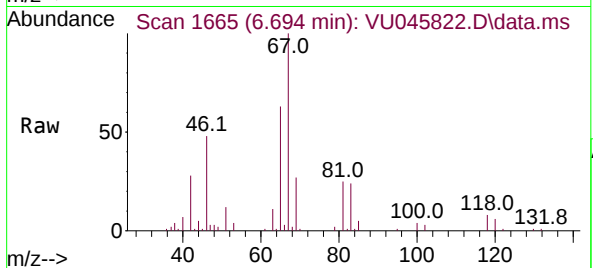
Tgt Ion: 83 Resp: 7622

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: 0.464 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU045822.D

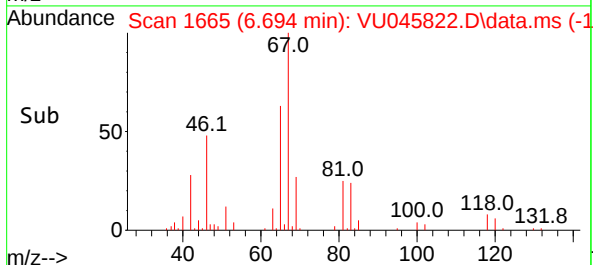
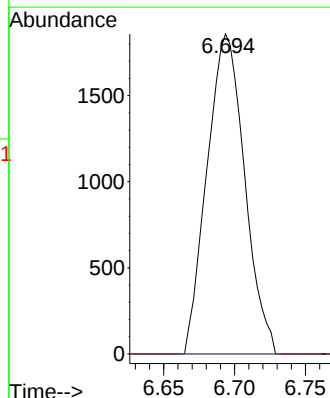
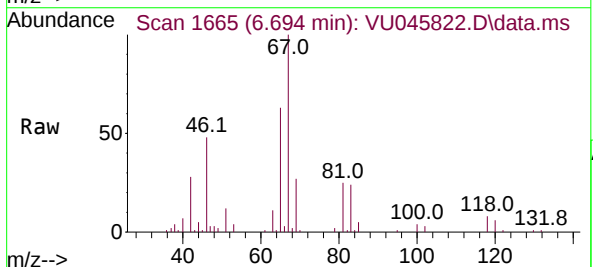
Acq: 16 Nov 2021 21:14

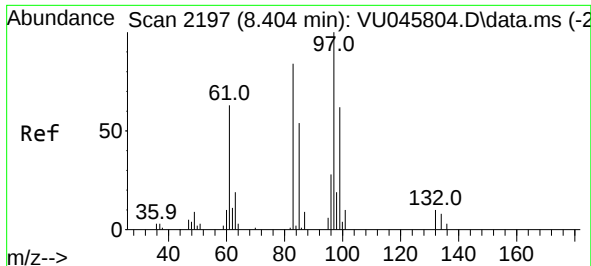
Tgt Ion: 63 Resp: 3427

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#45

1,1,2-Trichloroethane

Concen: 0.273 ug/L

RT: 8.555 min Scan# 2197

Delta R.T. 0.151 min

Lab File: VU045822.D

Acq: 16 Nov 2021 21:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 1495

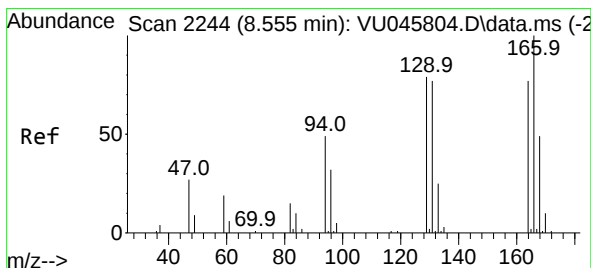
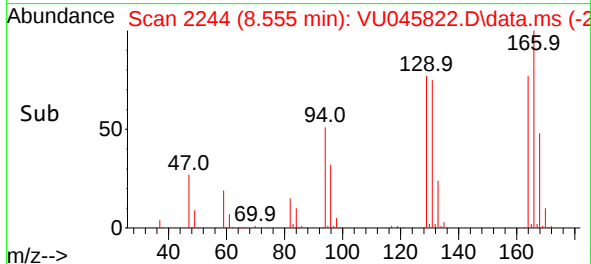
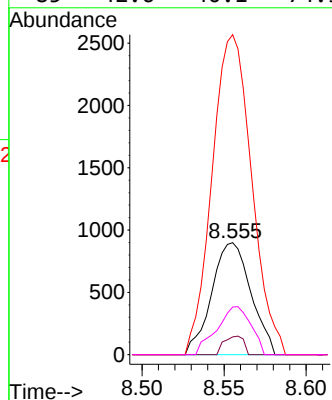
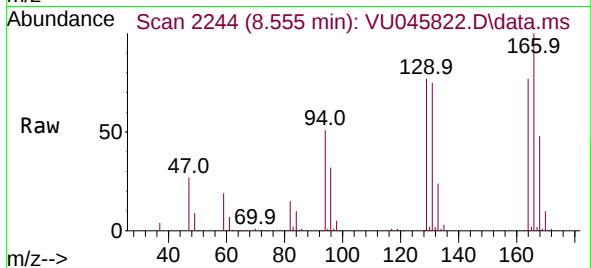
Ion Ratio Lower Upper

97 100

99 15.8 42.3 78.5#

83 285.7 62.0 115.2#

85 42.6 40.1 74.5



#47

Tetrachloroethene

Concen: 31.928 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045822.D

Acq: 16 Nov 2021 21:14

Tgt Ion:164 Resp: 161698

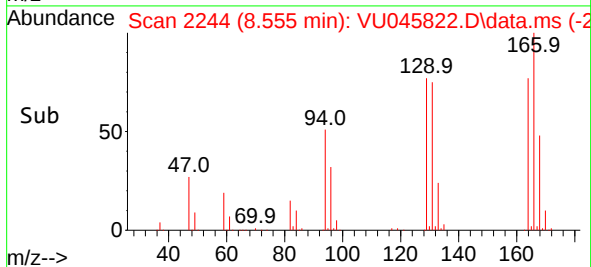
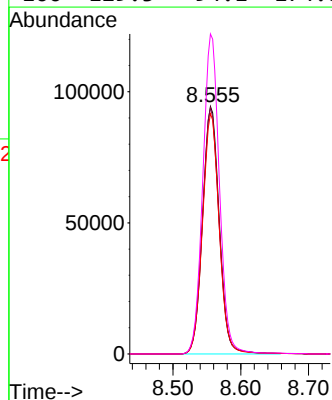
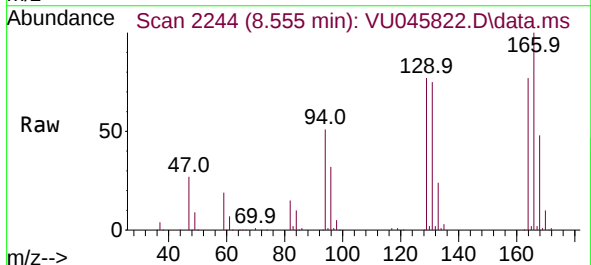
Ion Ratio Lower Upper

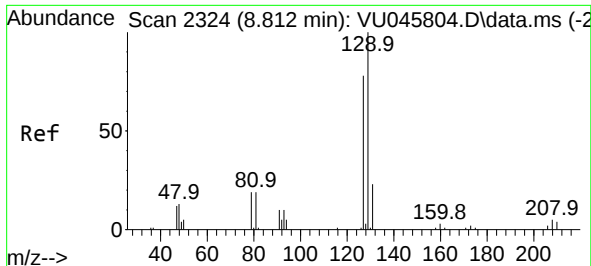
164 100

129 99.5 71.8 133.4

131 97.1 68.5 127.3

166 129.3 94.1 174.8

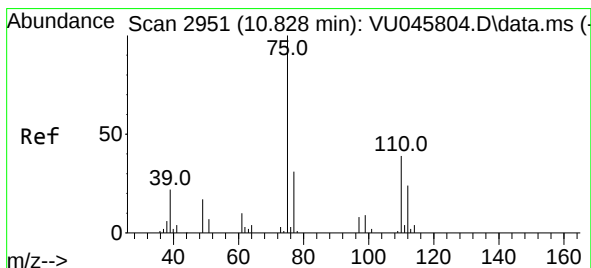
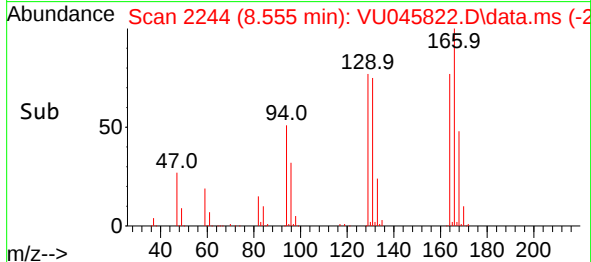
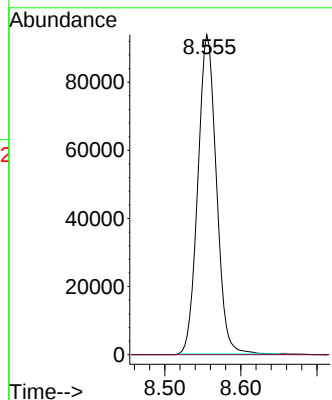
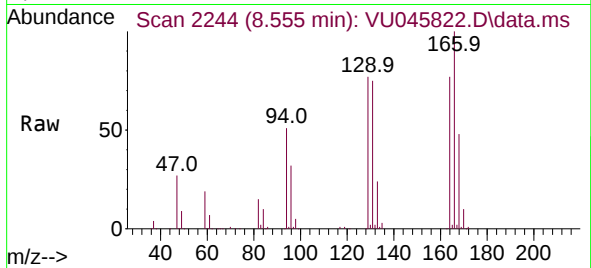




#49
Dibromochloromethane
Concen: 25.352 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 158356
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.281 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.984 min
Lab File: VU045822.D
Acq: 16 Nov 2021 21:14

Tgt Ion: 75 Resp: 6076
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 33.5 25.5 38.3

