

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045869.D
 Acq On : 18 Nov 2021 15:31
 Operator : SY/MD
 Sample : M4664-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:54:13 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)

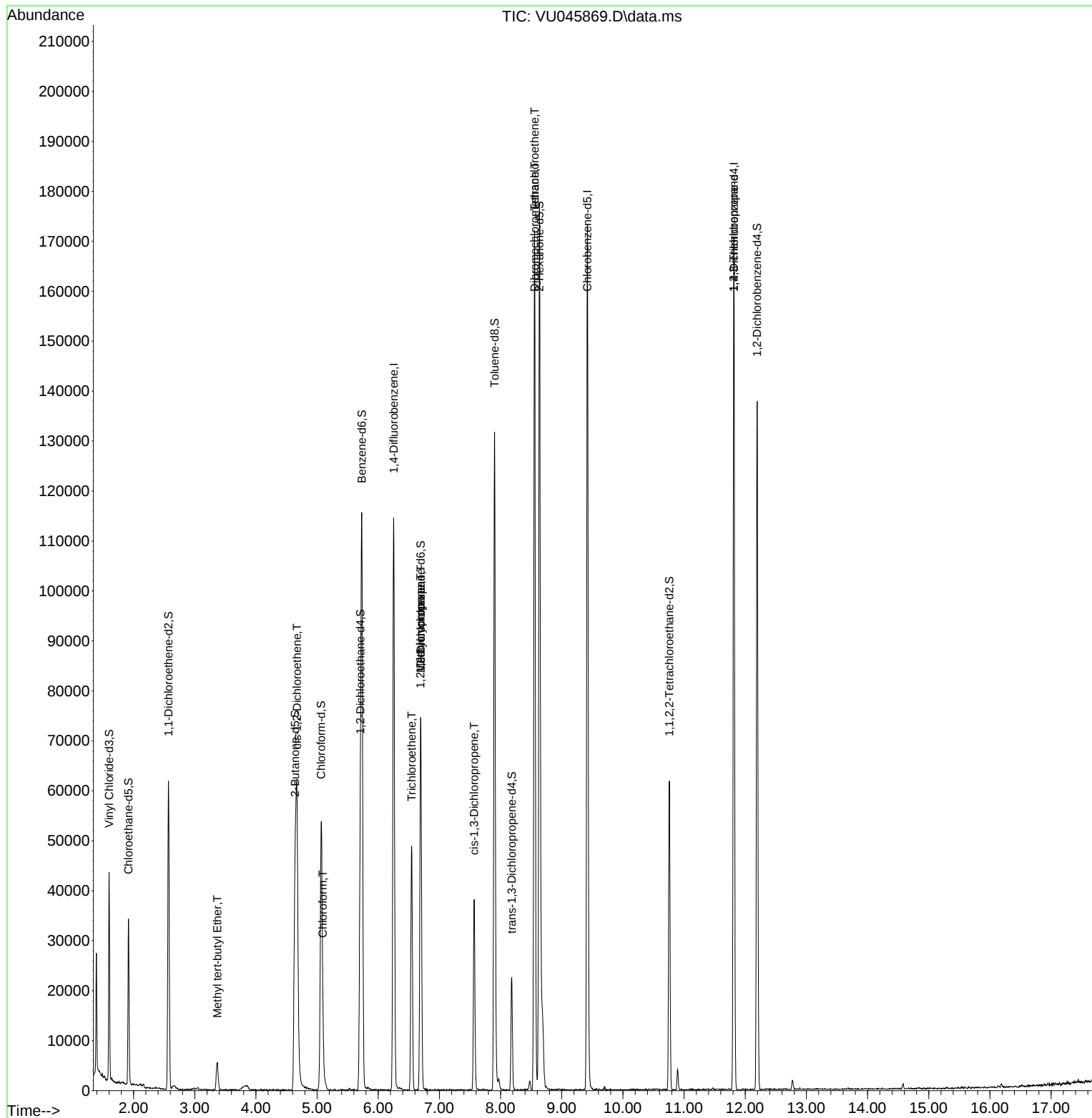
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	91438	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98338	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	43958	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	28313	3.908	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.916	69	23354	4.428	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.572	65	11773	3.875	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.400%
20) 2-Butanone-d5	4.642	46	94568	48.711	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.420%
24) Chloroform-d	5.067	84	48235	3.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.707	65	31514	4.450	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.732	84	108489	4.006	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.694	67	35322	4.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.800%
41) Toluene-d8	7.903	98	89923	3.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	8.182	79	13534	3.906	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.636	63	62237	39.909	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.820%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30714	4.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	35108	4.651	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	3.369	73	5288	0.359	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	20376	3.097	ug/L	98
25) Chloroform	5.092	83	7609	0.617	ug/L	99
34) Trichloroethene	6.546	95	16664	2.356	ug/L	98
35) Methylcyclohexane	6.694	83	8520	0.784	ug/L #	21
37) 1,2-Dichloropropane	6.690	63	3889	0.539	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	994	0.097	ug/L #	69
47) Tetrachloroethene	8.558	164	37527	7.580	ug/L	96
49) Dibromochloromethane	8.555	129	37488	6.139	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5534	1.213	ug/L #	66

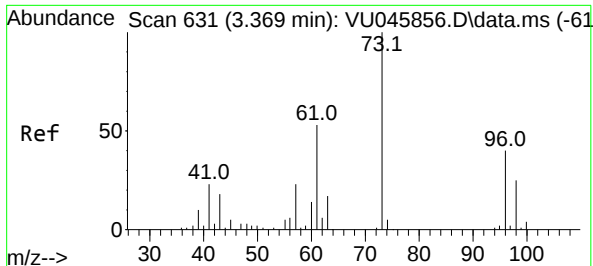
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
Data File : VU045869.D
Acq On : 18 Nov 2021 15:31
Operator : SY/MD
Sample : M4664-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 19 00:54:13 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





#17

Methyl tert-butyl Ether

Concen: 0.359 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Instrument :

MSVOA_U

ClientSampleId :

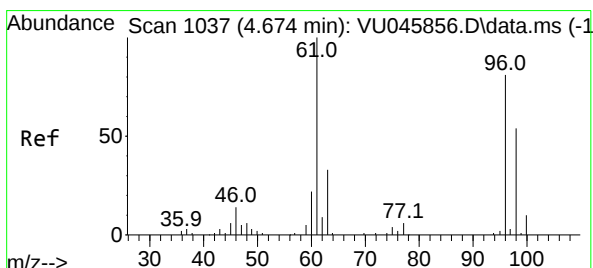
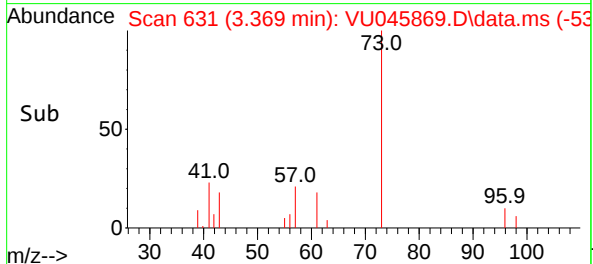
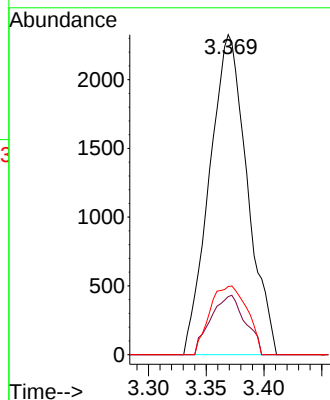
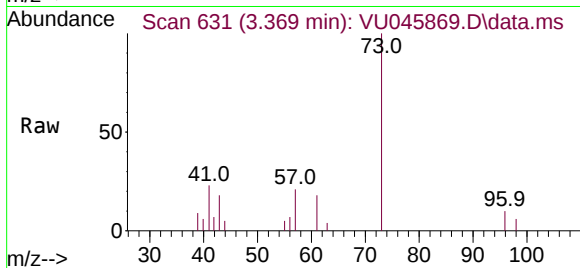
Tgt Ion: 73 Resp: 5288

Ion Ratio Lower Upper

73 100

43 16.9 14.8 22.2

57 21.2 17.4 26.0



#22

cis-1,2-Dichloroethene

Concen: 3.097 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

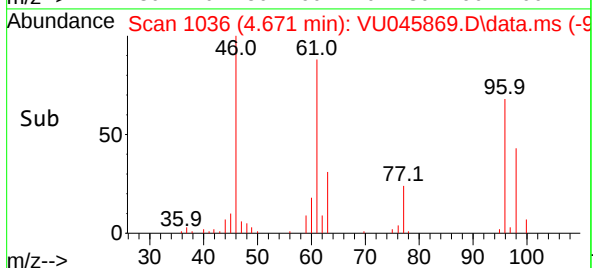
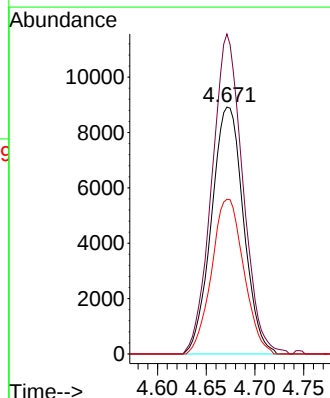
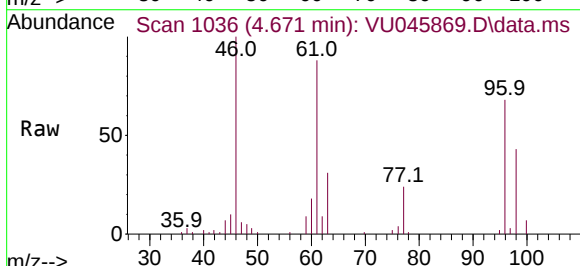
Tgt Ion: 96 Resp: 20376

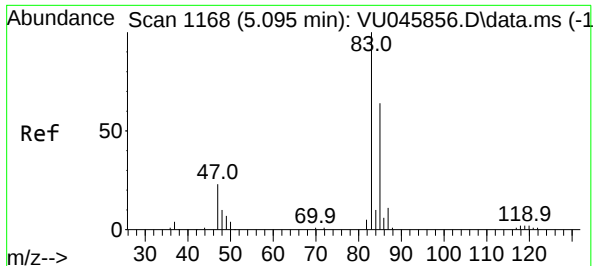
Ion Ratio Lower Upper

96 100

61 129.6 88.5 164.3

98 62.7 44.4 82.5





#25

Chloroform

Concen: 0.617 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Instrument :

MSVOA_U

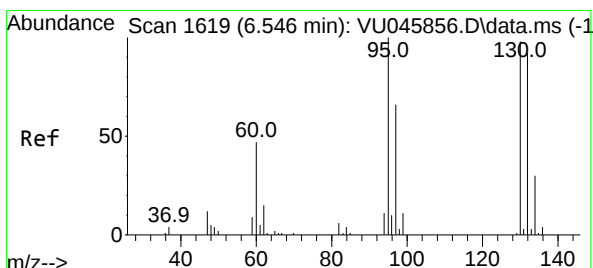
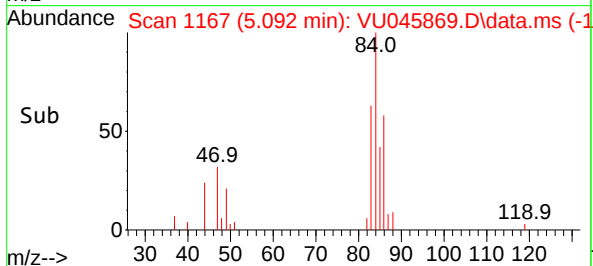
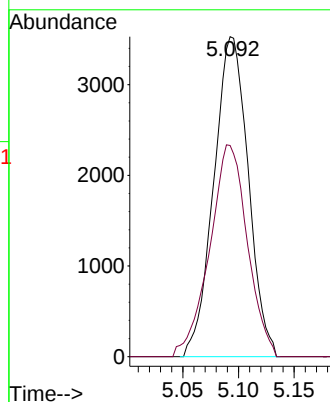
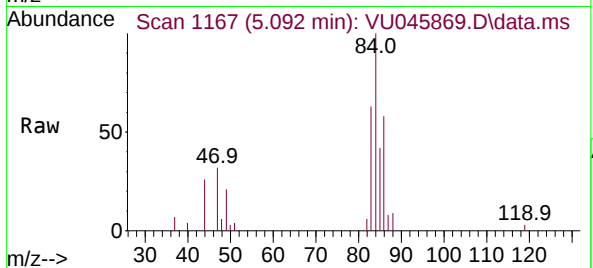
ClientSampleId :

Tgt Ion: 83 Resp: 7609

Ion Ratio Lower Upper

83 100

85 66.0 46.9 87.1



#34

Trichloroethene

Concen: 2.356 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. 0.000 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Tgt Ion: 95 Resp: 16664

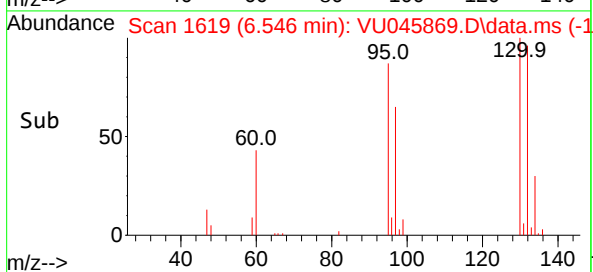
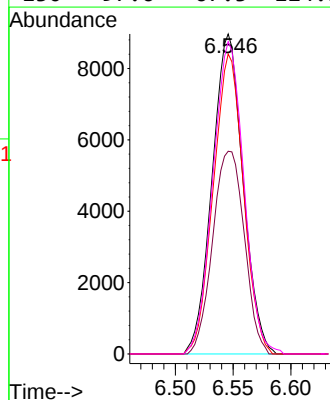
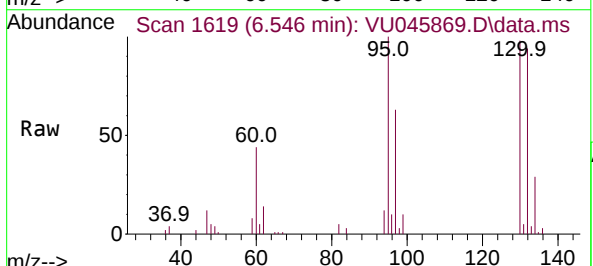
Ion Ratio Lower Upper

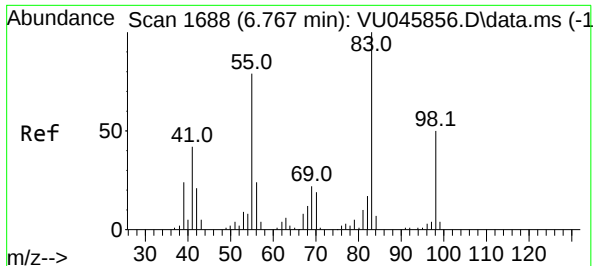
95 100

97 63.4 46.5 86.5

132 93.7 65.1 120.9

130 97.6 67.3 124.9

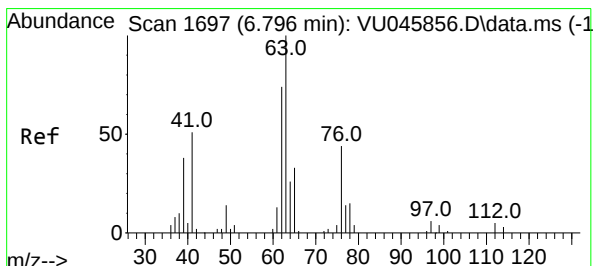
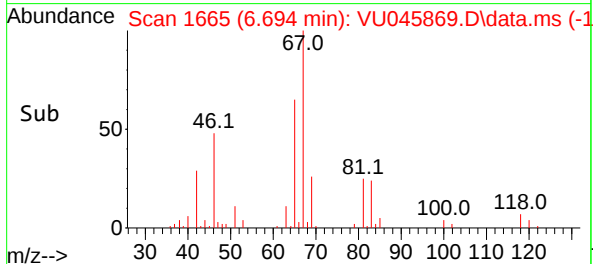
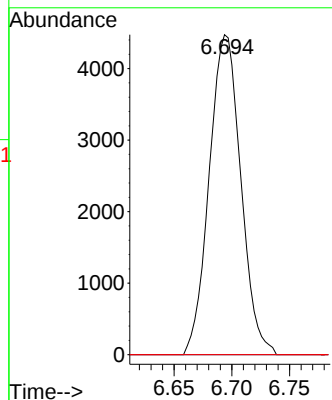
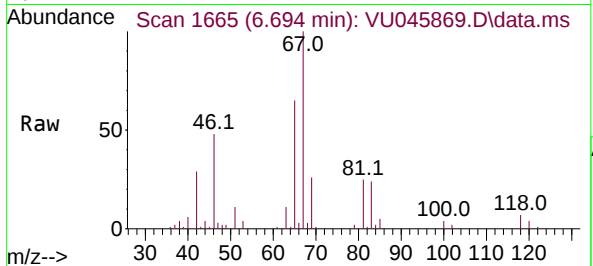




#35
Methylcyclohexane
Concen: 0.784 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045869.D
Acq: 18 Nov 2021 15:31

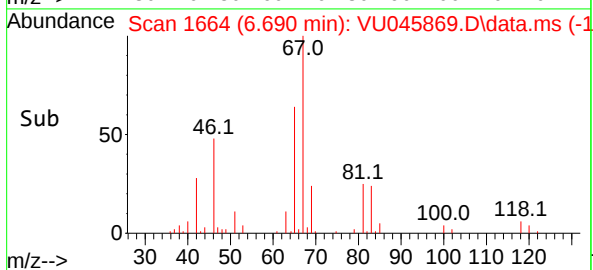
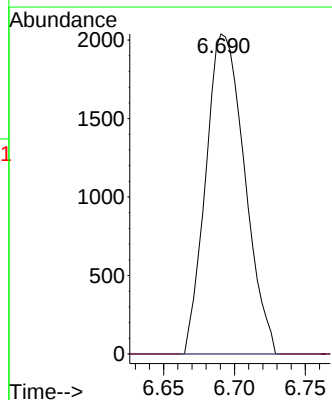
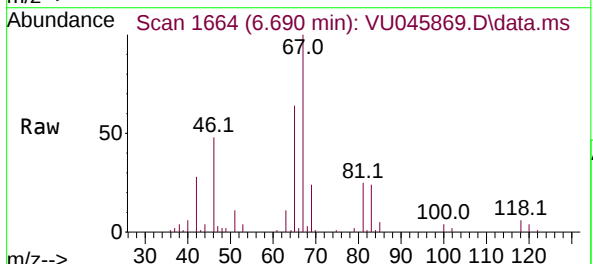
Instrument :
MSVOA_U
ClientSampleId :

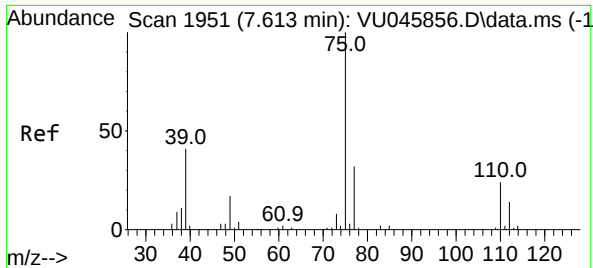
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	6.9	39.0	58.6#



#37
1,2-Dichloropropane
Concen: 0.539 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU045869.D
Acq: 18 Nov 2021 15:31

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





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Instrument :

MSVOA_U

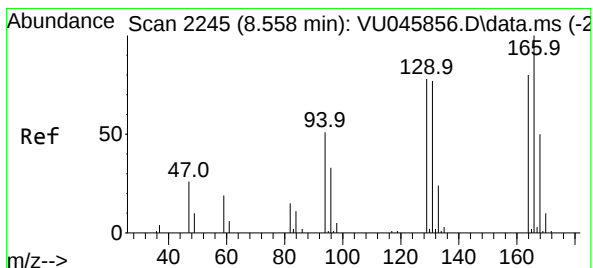
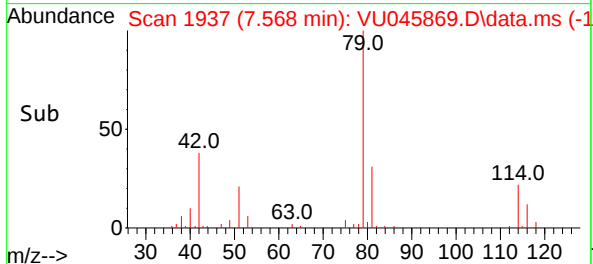
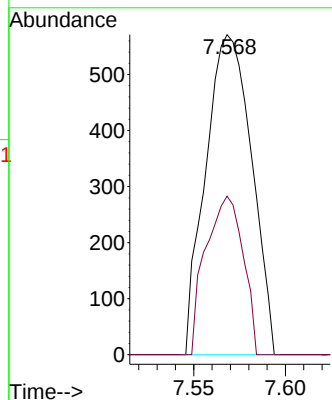
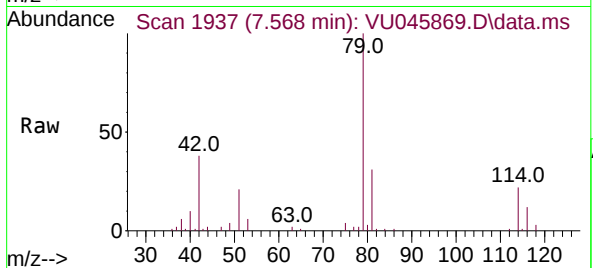
ClientSampleId :

Tgt Ion: 75 Resp: 994

Ion Ratio Lower Upper

75 100

77 49.6 22.5 41.9#



#47

Tetrachloroethene

Concen: 7.580 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.000 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Tgt Ion:164 Resp: 37527

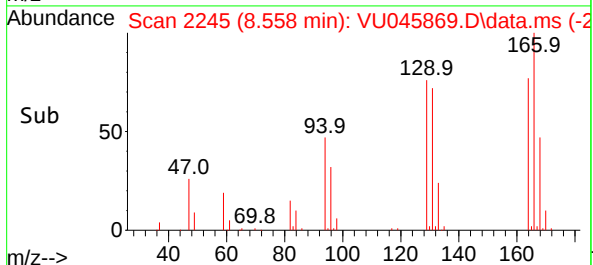
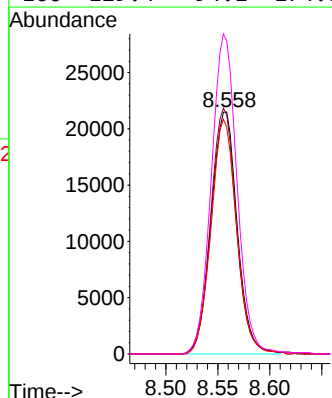
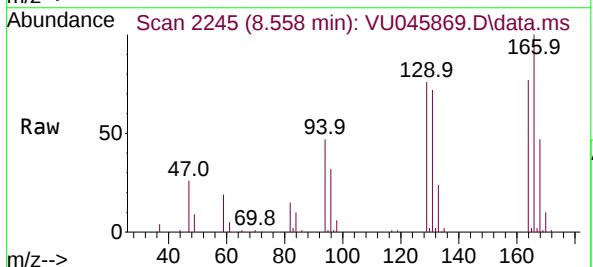
Ion Ratio Lower Upper

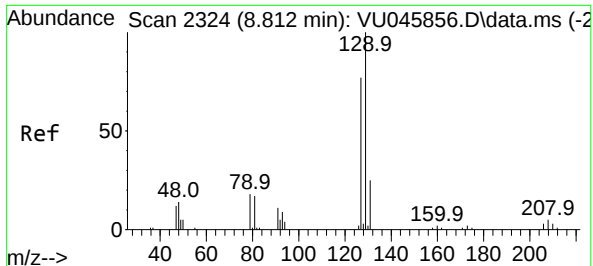
164 100

129 98.8 71.8 133.4

131 93.6 68.5 127.3

166 129.4 94.1 174.8





#49

Dibromochloromethane

Concen: 6.139 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Instrument :

MSVOA_U

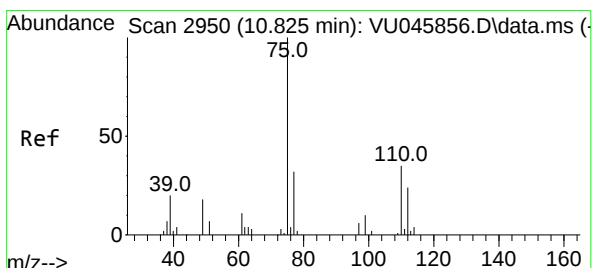
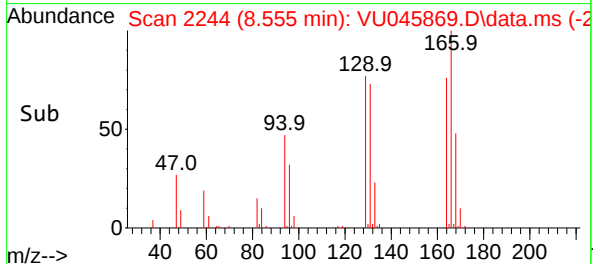
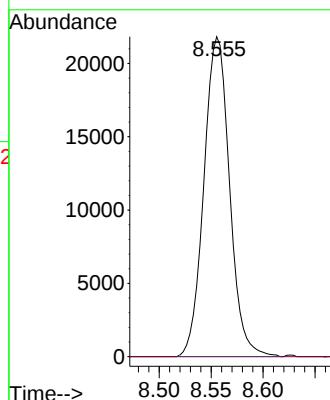
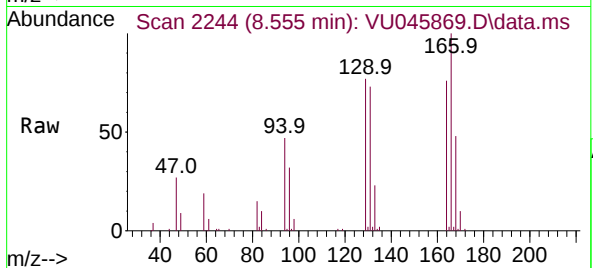
ClientSampleId :

Tgt Ion:129 Resp: 37488

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU045869.D

Acq: 18 Nov 2021 15:31

Tgt Ion: 75 Resp: 5534

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.4 25.5 38.3

