

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045812.D
 Acq On : 16 Nov 2021 17:14
 Operator : SY/MD
 Sample : M4686-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 04:51:51 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)

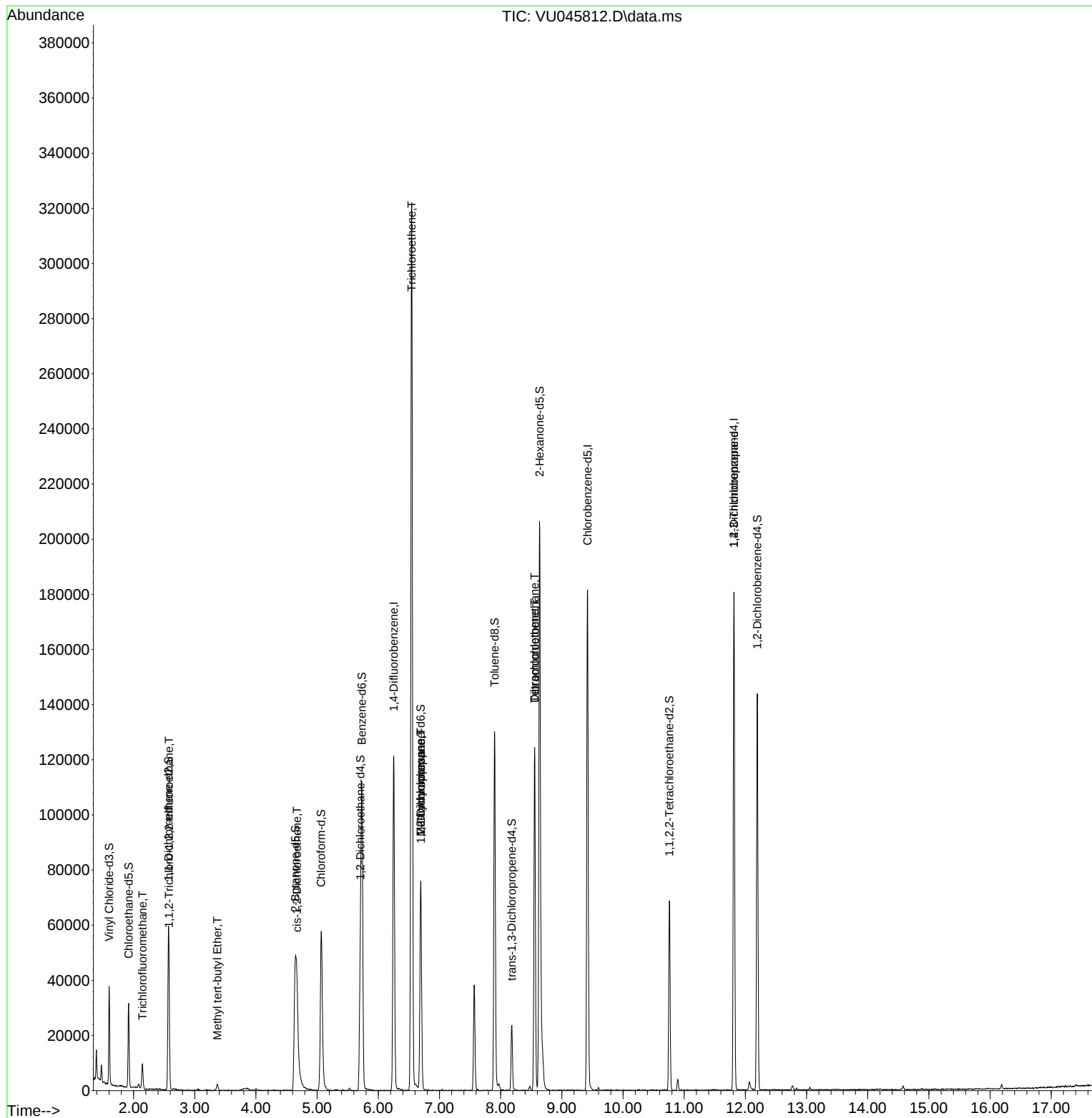
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	96883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	101760	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24249	3.159	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.200%
7) Chloroethane-d5	1.919	69	21534	3.854	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.572	65	10853	3.371	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.400%
20) 2-Butanone-d5	4.646	46	108155	52.578	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.160%
24) Chloroform-d	5.067	84	51743	4.046	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.707	65	31649	4.218	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.732	84	106318	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.694	67	36232	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.899	98	88074	3.474	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	8.182	79	13585	3.789	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.636	63	73652	45.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.280%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33509	4.491	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	36318	4.497	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.000%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.144	101	5929	0.547	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	709	0.112	ug/L #	48
17) Methyl tert-butyl Ether	3.369	73	2483	0.159	ug/L #	92
22) cis-1,2-Dichloroethene	4.671	96	6992	1.003	ug/L	99
34) Trichloroethene	6.546	95	110742	15.132	ug/L	99
35) Methylcyclohexane	6.694	83	8011	0.713	ug/L #	17
37) 1,2-Dichloropropane	6.697	63	3818	0.511	ug/L #	88
47) Tetrachloroethene	8.555	164	26360	5.145	ug/L	97
49) Dibromochloromethane	8.555	129	26948	4.265	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6110	1.251	ug/L #	66

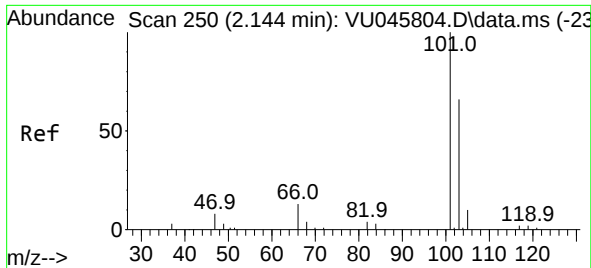
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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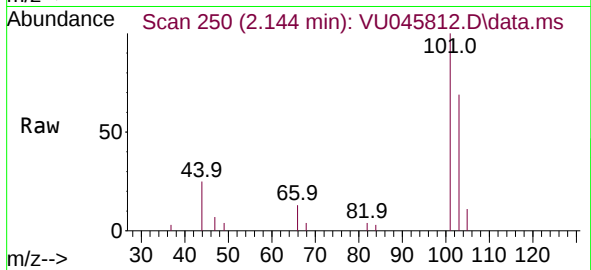
Quant Time: Nov 17 04:51:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 17 04:49:52 2021
Response via : Initial Calibration



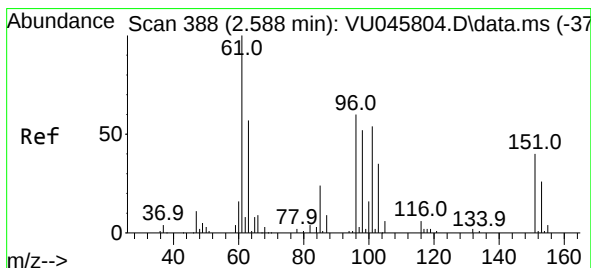
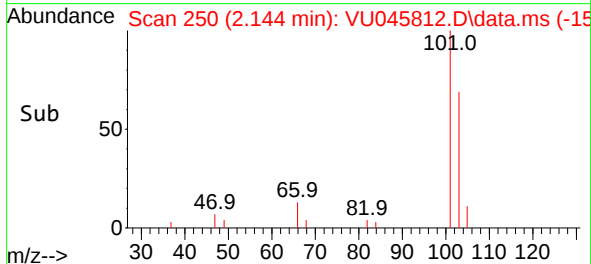
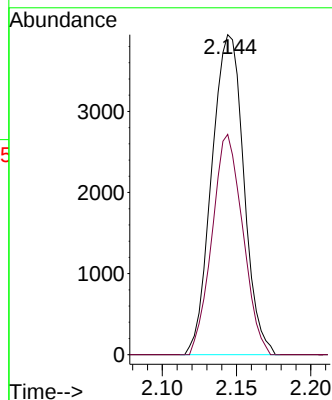


#9
 Trichlorofluoromethane
 Concen: 0.547 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

Instrument :
 MSVOA_U
 ClientSampleId :

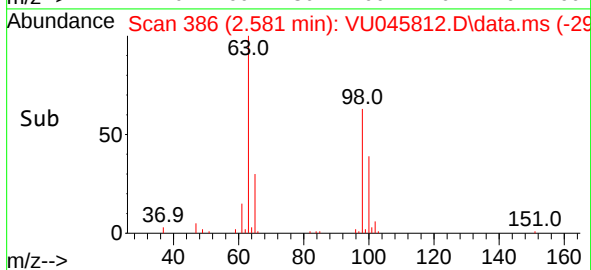
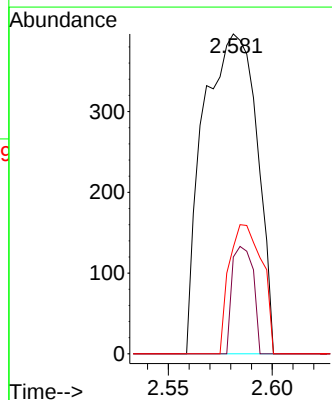
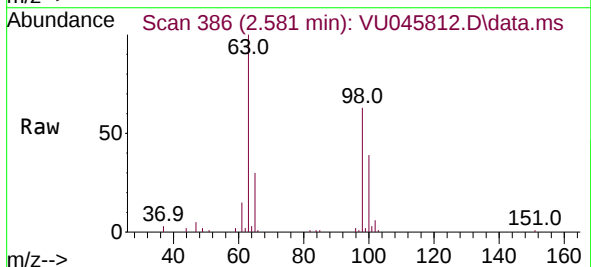


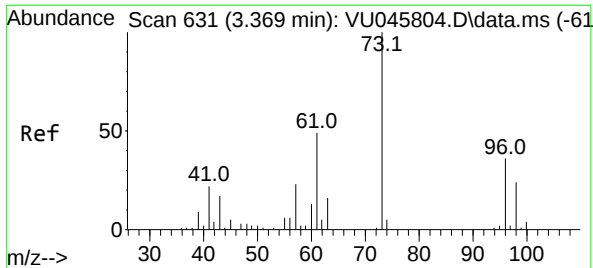
Tgt Ion:101 Resp: 5929
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.5 77.3



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.112 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU045812.D
 Acq: 16 Nov 2021 17:14

Tgt Ion:101 Resp: 709
 Ion Ratio Lower Upper
 101 100
 85 13.1 34.6 51.8#
 151 24.8 56.1 84.1#

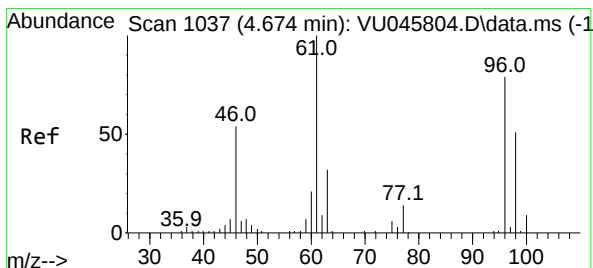
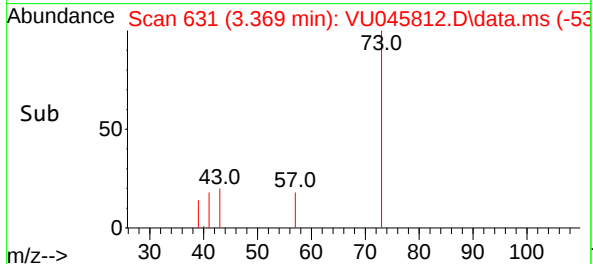
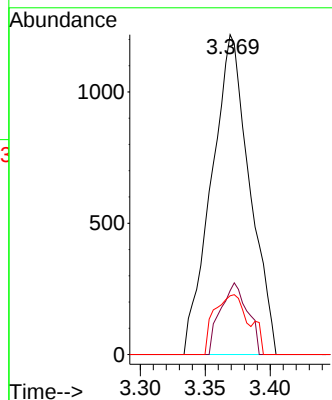
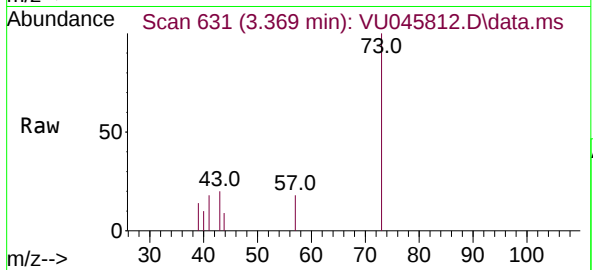




#17
Methyl tert-butyl Ether
Concen: 0.159 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045812.D
Acq: 16 Nov 2021 17:14

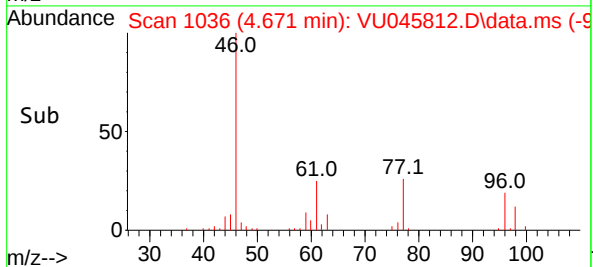
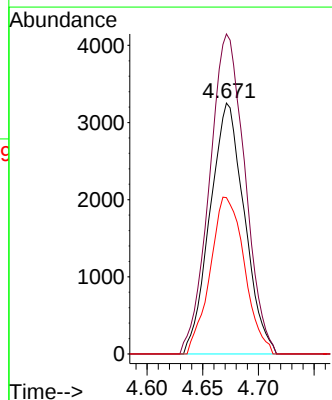
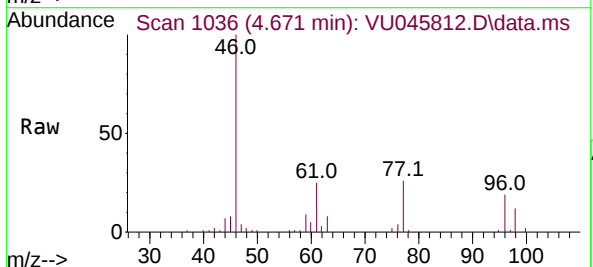
Instrument :
MSVOA_U
ClientSampleId :

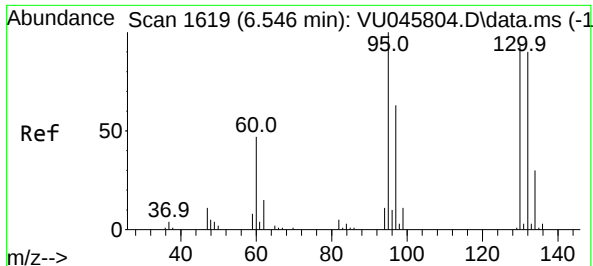
Tgt Ion: 73 Resp: 2483
Ion Ratio Lower Upper
73 100
43 15.9 14.8 22.2
57 17.1 17.4 26.0#



#22
cis-1,2-Dichloroethene
Concen: 1.003 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU045812.D
Acq: 16 Nov 2021 17:14

Tgt Ion: 96 Resp: 6992
Ion Ratio Lower Upper
96 100
61 127.5 88.5 164.3
98 62.3 44.4 82.5

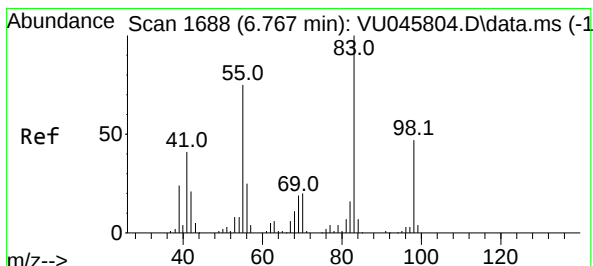
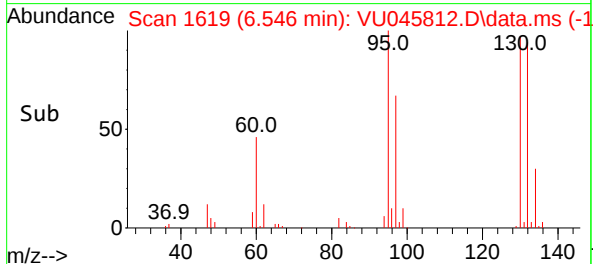
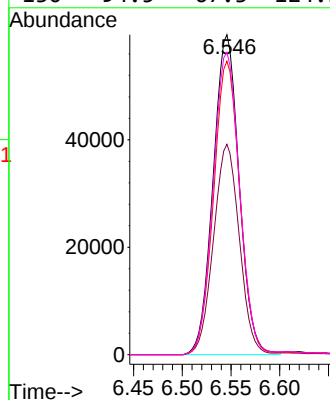
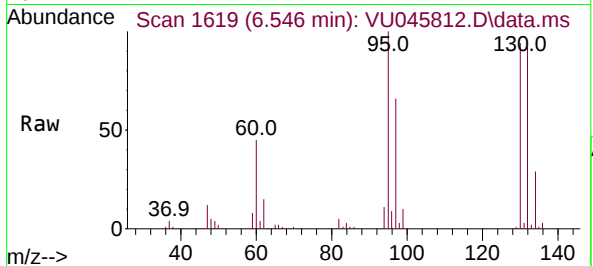




#34
Trichloroethene
Concen: 15.132 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045812.D
Acq: 16 Nov 2021 17:14

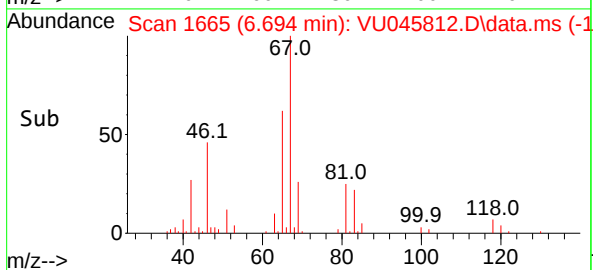
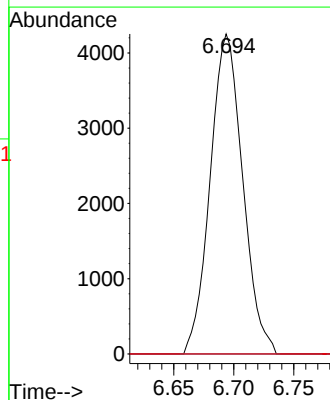
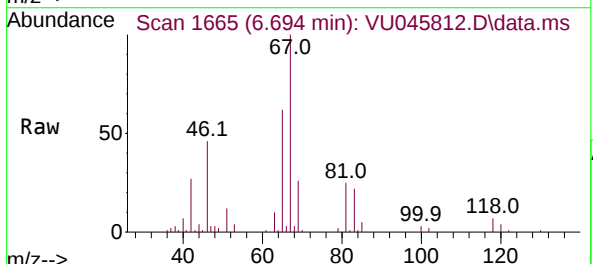
Instrument :
MSVOA_U
ClientSampleId :

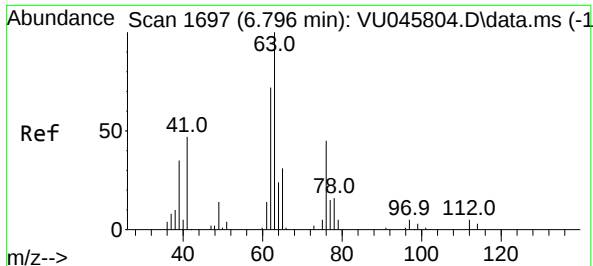
Tgt Ion: 95 Resp: 110742
Ion Ratio Lower Upper
95 100
97 65.7 46.5 86.5
132 91.7 65.1 120.9
130 94.5 67.3 124.9



#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045812.D
Acq: 16 Nov 2021 17:14

Tgt Ion: 83 Resp: 8011
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: 0.511 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU045812.D

Acq: 16 Nov 2021 17:14

Instrument :

MSVOA_U

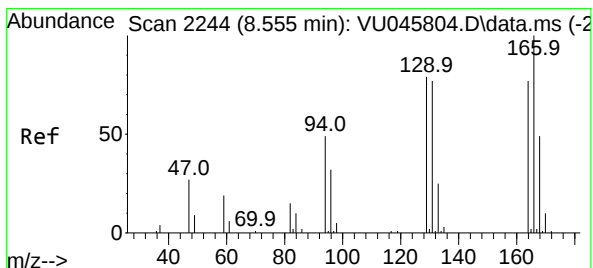
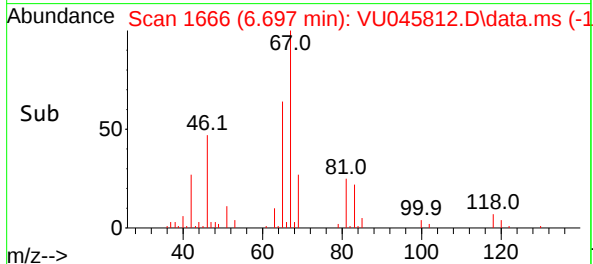
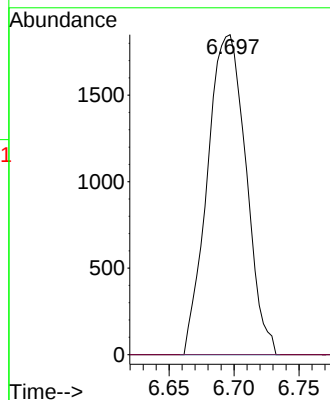
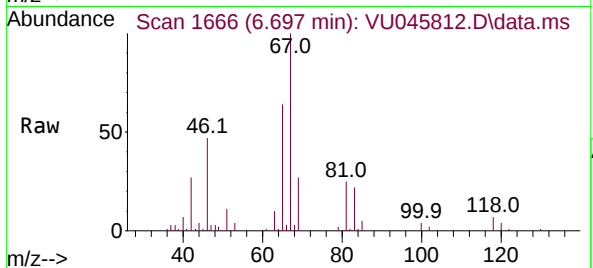
ClientSampleId :

Tgt Ion: 63 Resp: 3818

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 5.145 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045812.D

Acq: 16 Nov 2021 17:14

Tgt Ion: 164 Resp: 26360

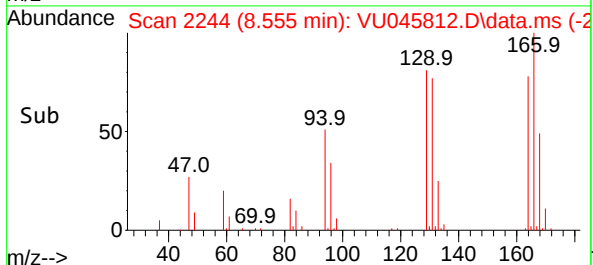
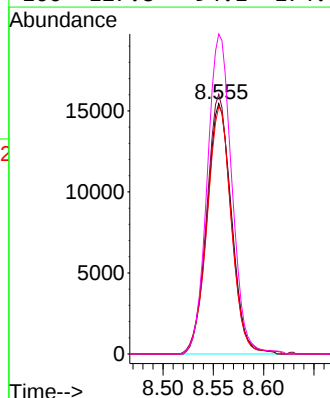
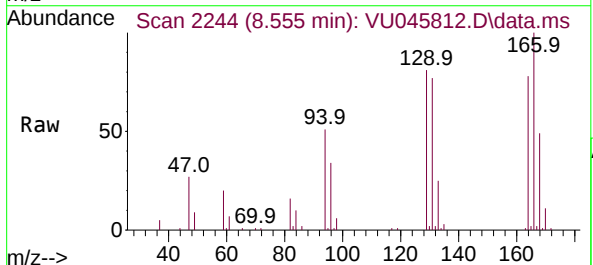
Ion Ratio Lower Upper

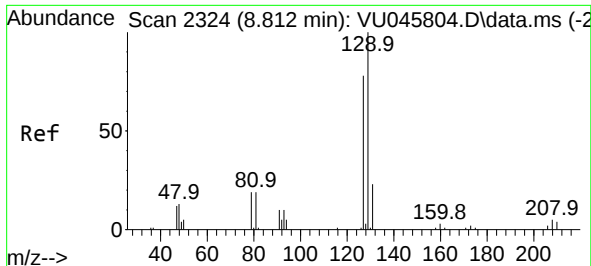
164 100

129 103.7 71.8 133.4

131 98.8 68.5 127.3

166 127.8 94.1 174.8





#49

Dibromochloromethane

Concen: 4.265 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045812.D

Acq: 16 Nov 2021 17:14

Instrument :

MSVOA_U

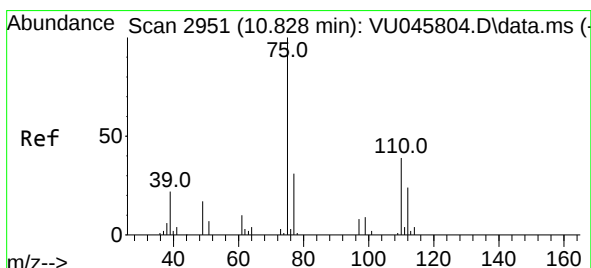
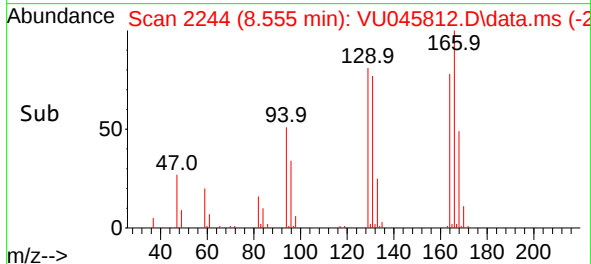
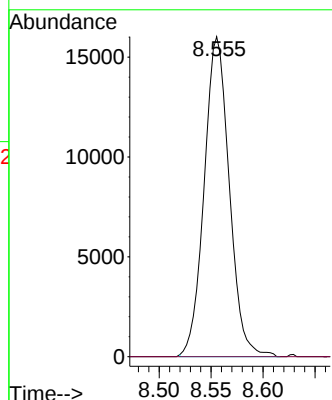
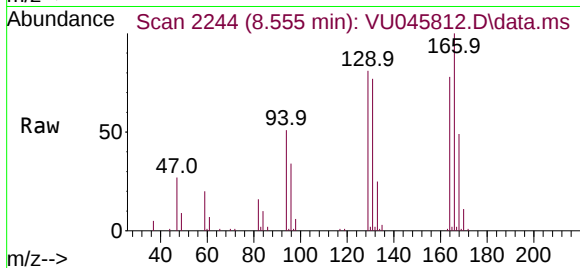
ClientSampleId :

Tgt Ion:129 Resp: 26948

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.251 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.984 min

Lab File: VU045812.D

Acq: 16 Nov 2021 17:14

Tgt Ion: 75 Resp: 6110

Ion Ratio Lower Upper

75 100

110 1.1 29.9 44.9#

77 33.9 25.5 38.3

