

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045814.D
 Acq On : 16 Nov 2021 18:02
 Operator : SY/MD
 Sample : M4686-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

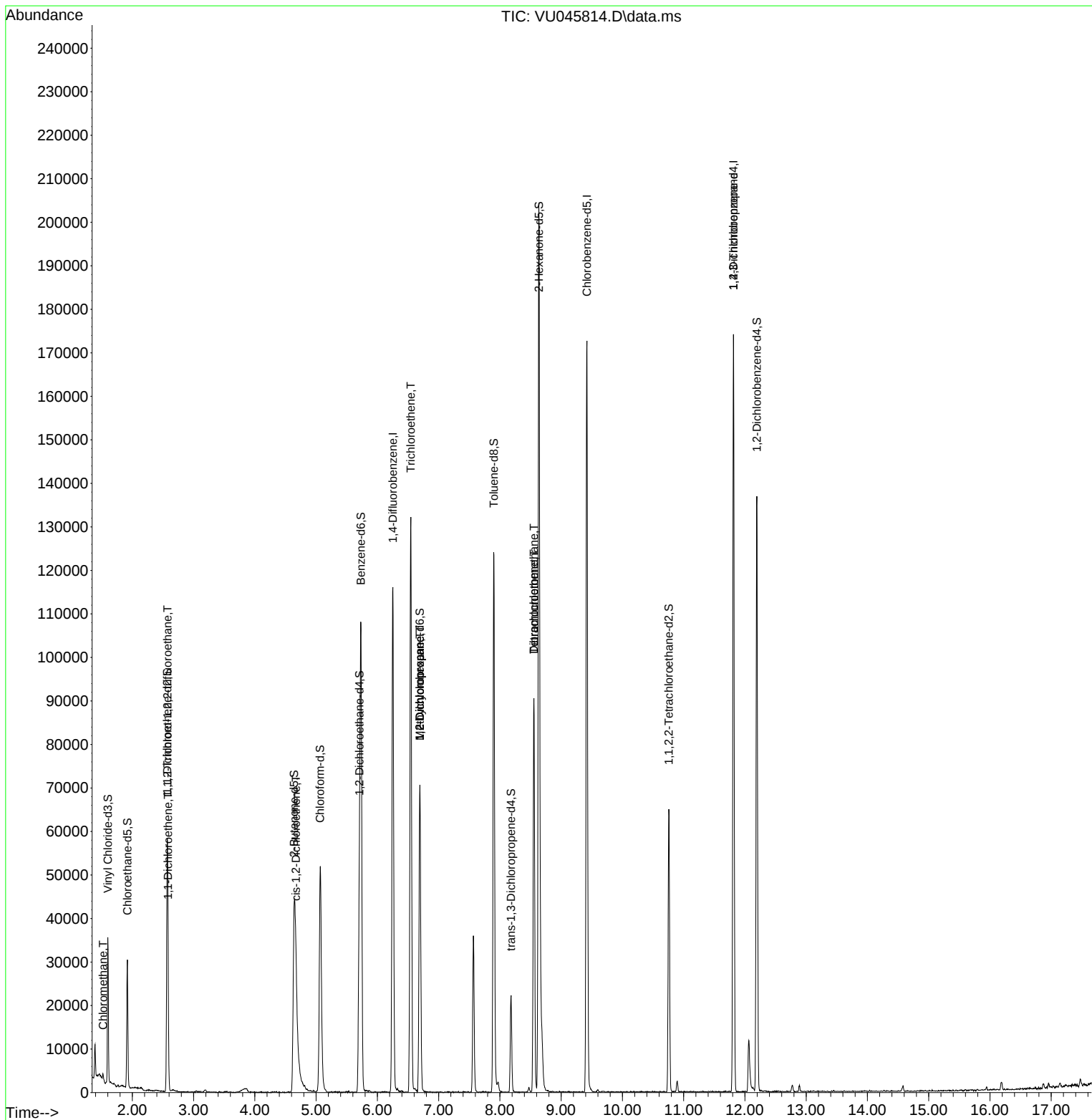
Quant Time: Nov 17 04:52:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

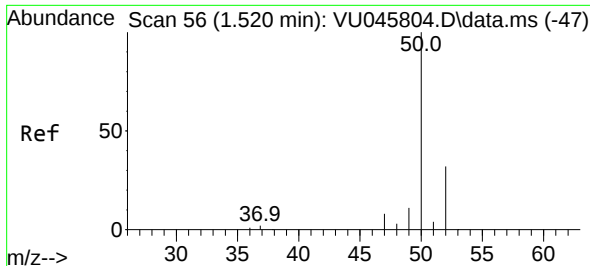
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92889	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44411	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	23677	3.217	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.919	69	20779	3.879	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.600%	
11) 1,1-Dichloroethene-d2	2.572	65	10787	3.495	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.800%	
20) 2-Butanone-d5	4.642	46	102331	51.886	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.780%	
24) Chloroform-d	5.067	84	47616	3.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.600%	
26) 1,2-Dichloroethane-d4	5.707	65	30771	4.277	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
32) Benzene-d6	5.732	84	100099	3.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	75.200%	
36) 1,2-Dichloropropane-d6	6.694	67	34773	4.147	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.000%	
41) Toluene-d8	7.899	98	84123	3.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.000%	
43) trans-1,3-Dichloroprop...	8.182	79	13410	3.940	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.636	63	72802	47.522	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.040%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32420	4.577	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.600%	
66) 1,2-Dichlorobenzene-d4	12.195	152	35685	4.680	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.523	50	1342	0.167	ug/L	90
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	635	0.104	ug/L #	39
12) 1,1-Dichloroethene	2.585	96	1370	0.238	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	3115	0.466	ug/L	99
34) Trichloroethene	6.546	95	44325	6.380	ug/L	99
35) Methylcyclohexane	6.694	83	7772	0.728	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	3568	0.503	ug/L #	88
47) Tetrachloroethene	8.555	164	19576	4.025	ug/L	98
49) Dibromochloromethane	8.555	129	20119	3.354	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5821	1.263	ug/L #	66

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

Quant Time: Nov 17 04:52:19 2021
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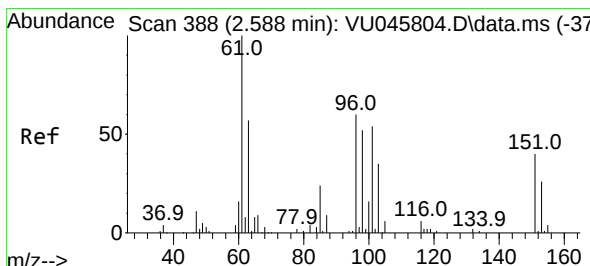
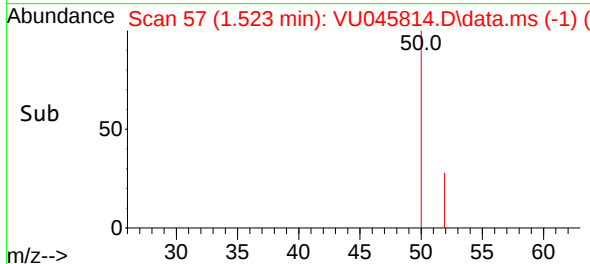
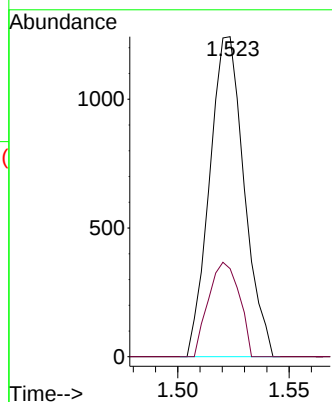
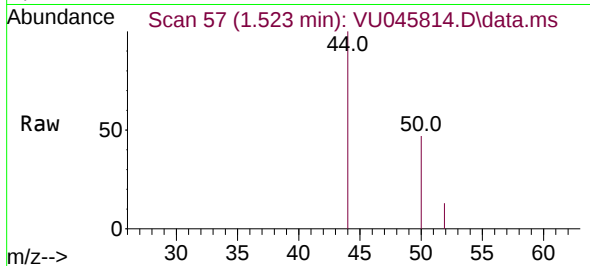




#3
Chloromethane
Concen: 0.167 ug/L
RT: 1.523 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

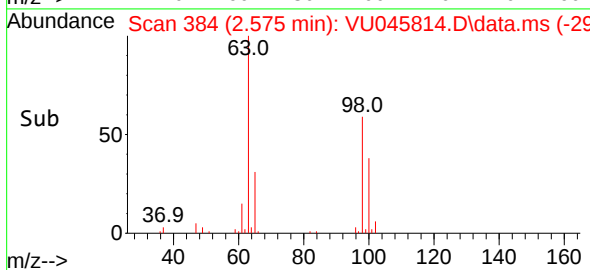
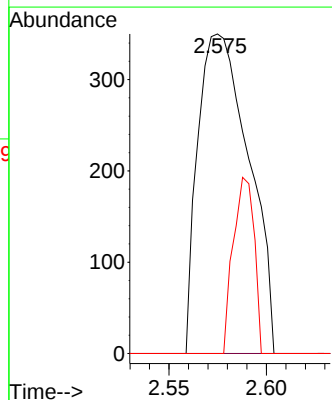
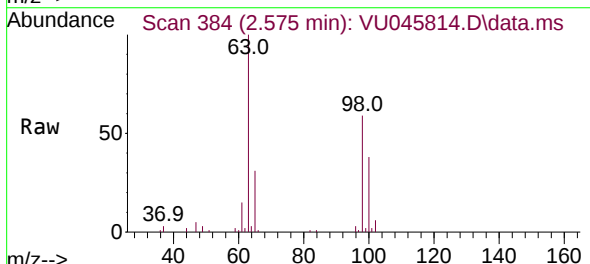
Instrument :
MSVOA_U
ClientSampleId :

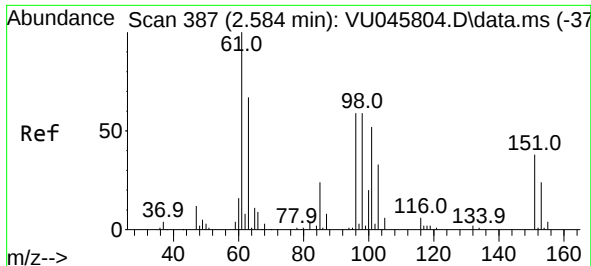
Tgt Ion: 50 Resp: 1342
Ion Ratio Lower Upper
50 100
52 27.5 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.104 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.013 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

Tgt Ion:101 Resp: 635
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 22.7 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 0.238 ug/L

RT: 2.585 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

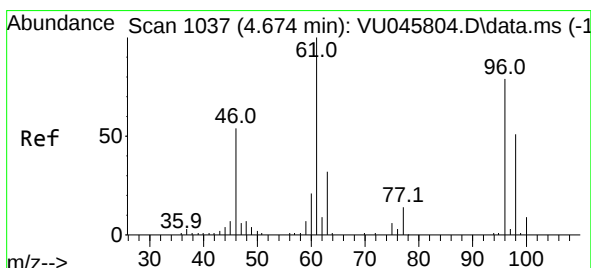
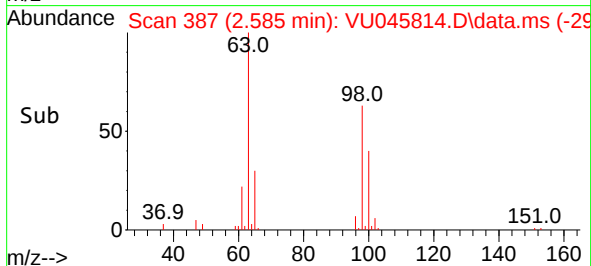
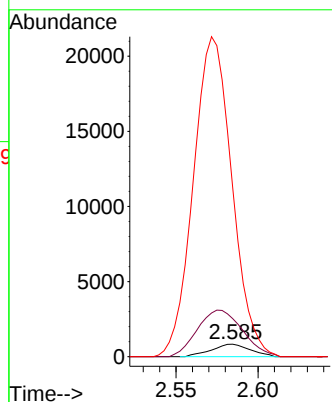
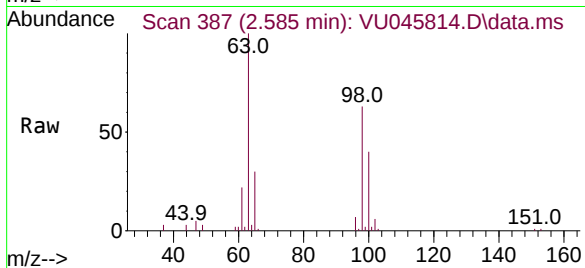
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 1370

Ion	Ratio	Lower	Upper
96	100		
61	305.2	124.7	231.5#
63	1357.7	105.2	195.4#



#22

cis-1,2-Dichloroethene

Concen: 0.466 ug/L

RT: 4.671 min Scan# 1036

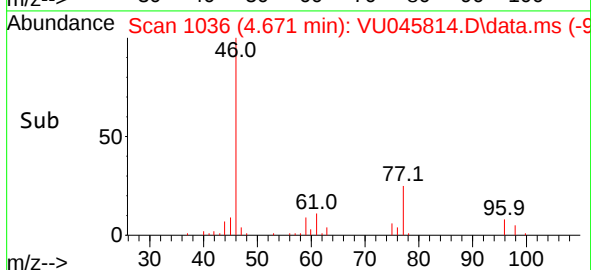
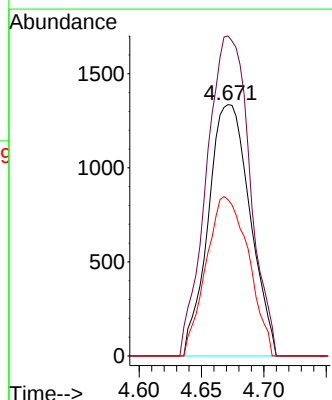
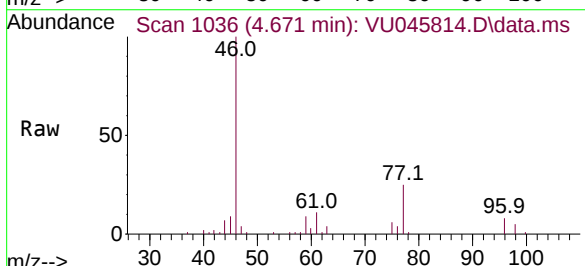
Delta R.T. -0.003 min

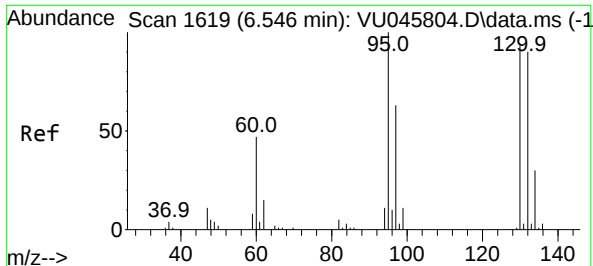
Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

Tgt Ion: 96 Resp: 3115

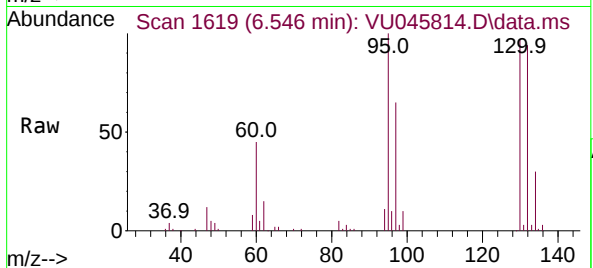
Ion	Ratio	Lower	Upper
96	100		
61	127.3	88.5	164.3
98	62.2	44.4	82.5



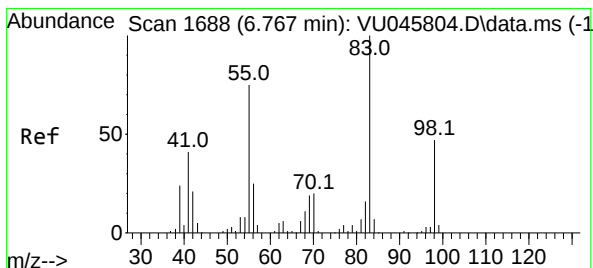
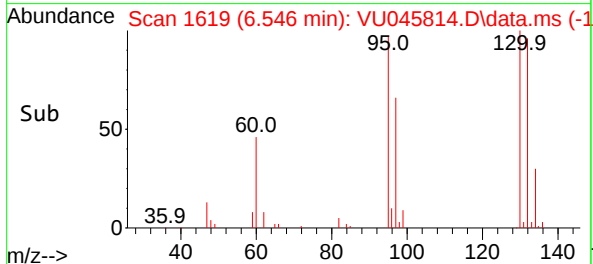
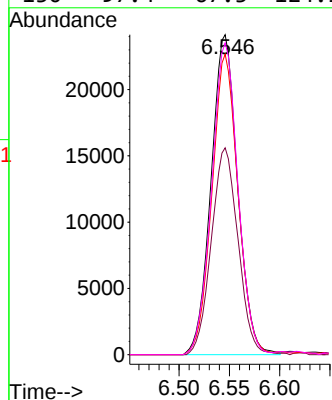


#34
Trichloroethene
Concen: 6.380 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

Instrument :
MSVOA_U
ClientSampleId :

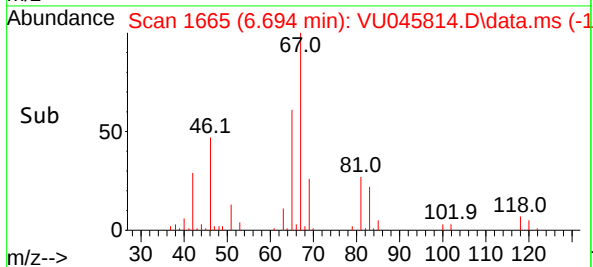
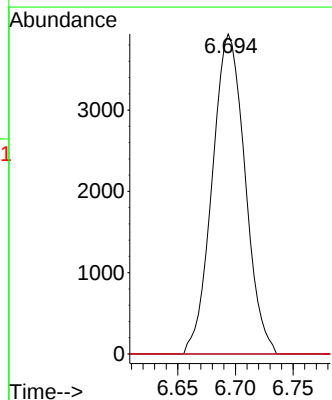
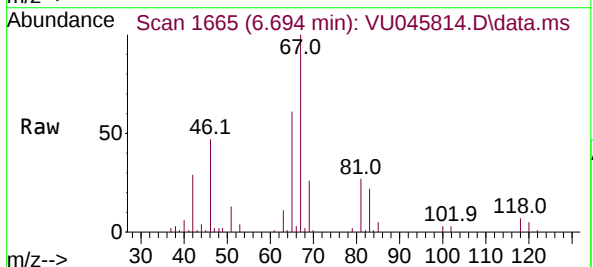


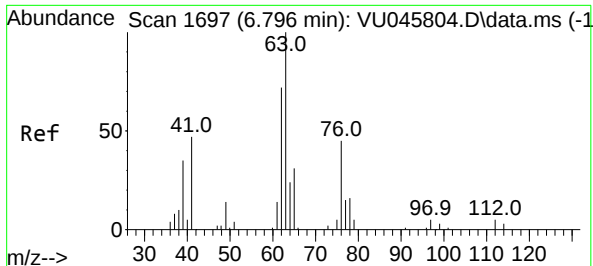
Tgt Ion: 95 Resp: 44325
Ion Ratio Lower Upper
95 100
97 64.7 46.5 86.5
132 93.9 65.1 120.9
130 97.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.728 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU045814.D
Acq: 16 Nov 2021 18:02

Tgt Ion: 83 Resp: 7772
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.1 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

Instrument :

MSVOA_U

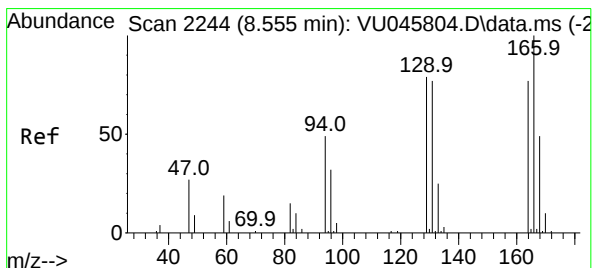
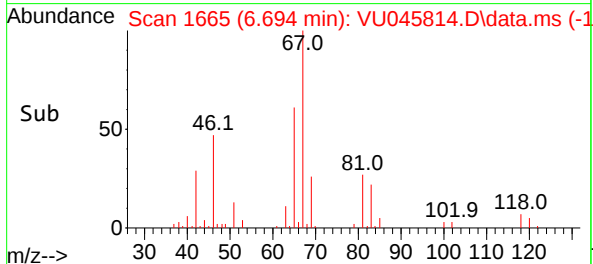
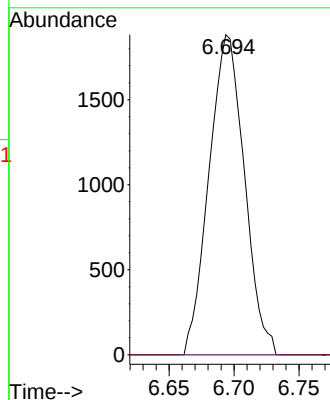
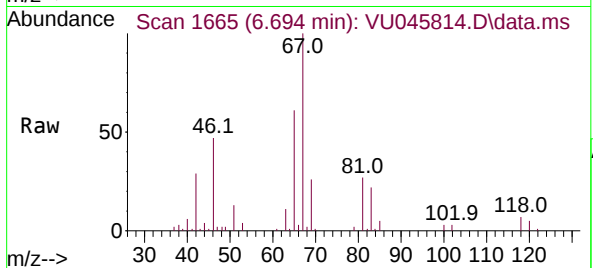
ClientSampleId :

Tgt Ion: 63 Resp: 3568

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#47

Tetrachloroethene

Concen: 4.025 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

Tgt Ion: 164 Resp: 19576

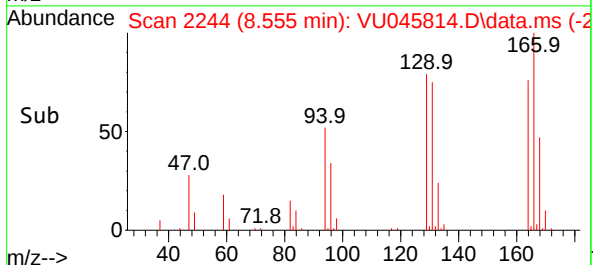
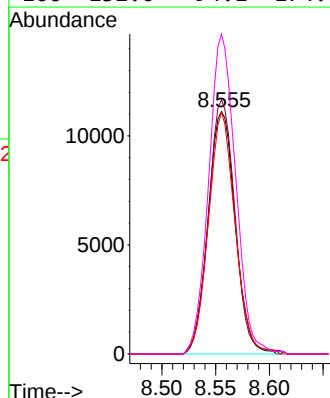
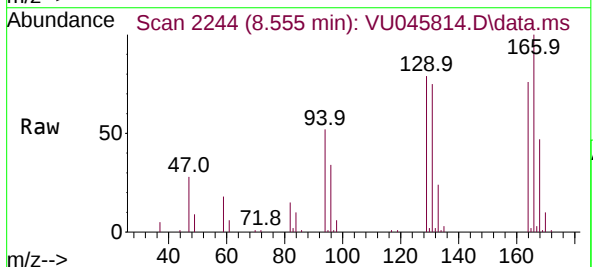
Ion Ratio Lower Upper

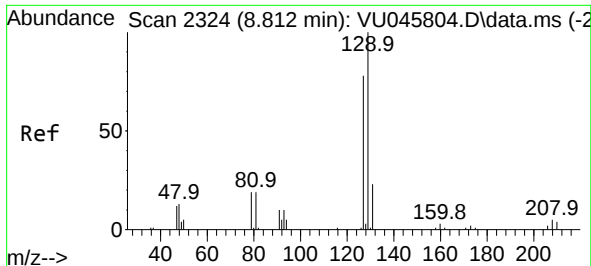
164 100

129 104.9 71.8 133.4

131 99.7 68.5 127.3

166 132.0 94.1 174.8





#49

Dibromochloromethane

Concen: 3.354 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

Instrument :

MSVOA_U

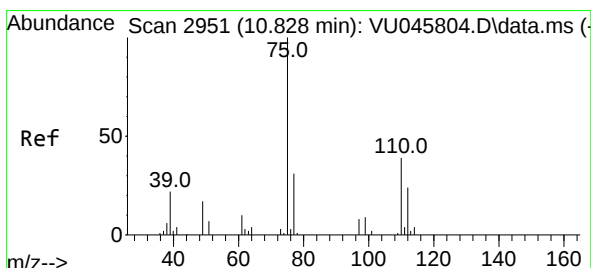
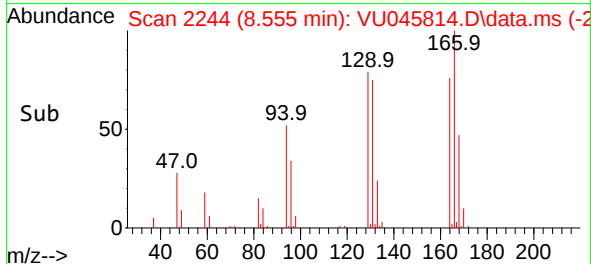
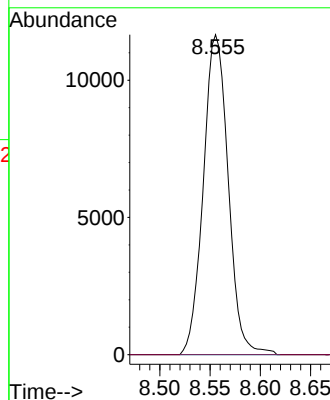
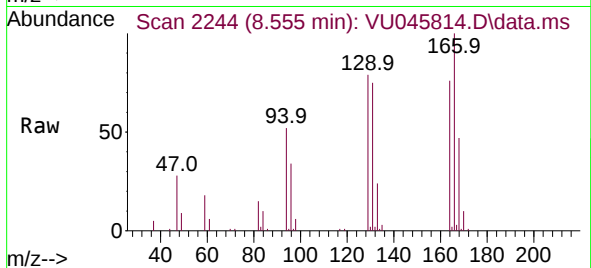
ClientSampleId :

Tgt Ion:129 Resp: 20119

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.263 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.984 min

Lab File: VU045814.D

Acq: 16 Nov 2021 18:02

Tgt Ion: 75 Resp: 5821

Ion Ratio Lower Upper

75 100

110 1.1 29.9 44.9#

77 30.5 25.5 38.3

