

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU046005.D
 Acq On : 24 Nov 2021 19:26
 Operator : SY/MD
 Sample : M4722-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:23:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

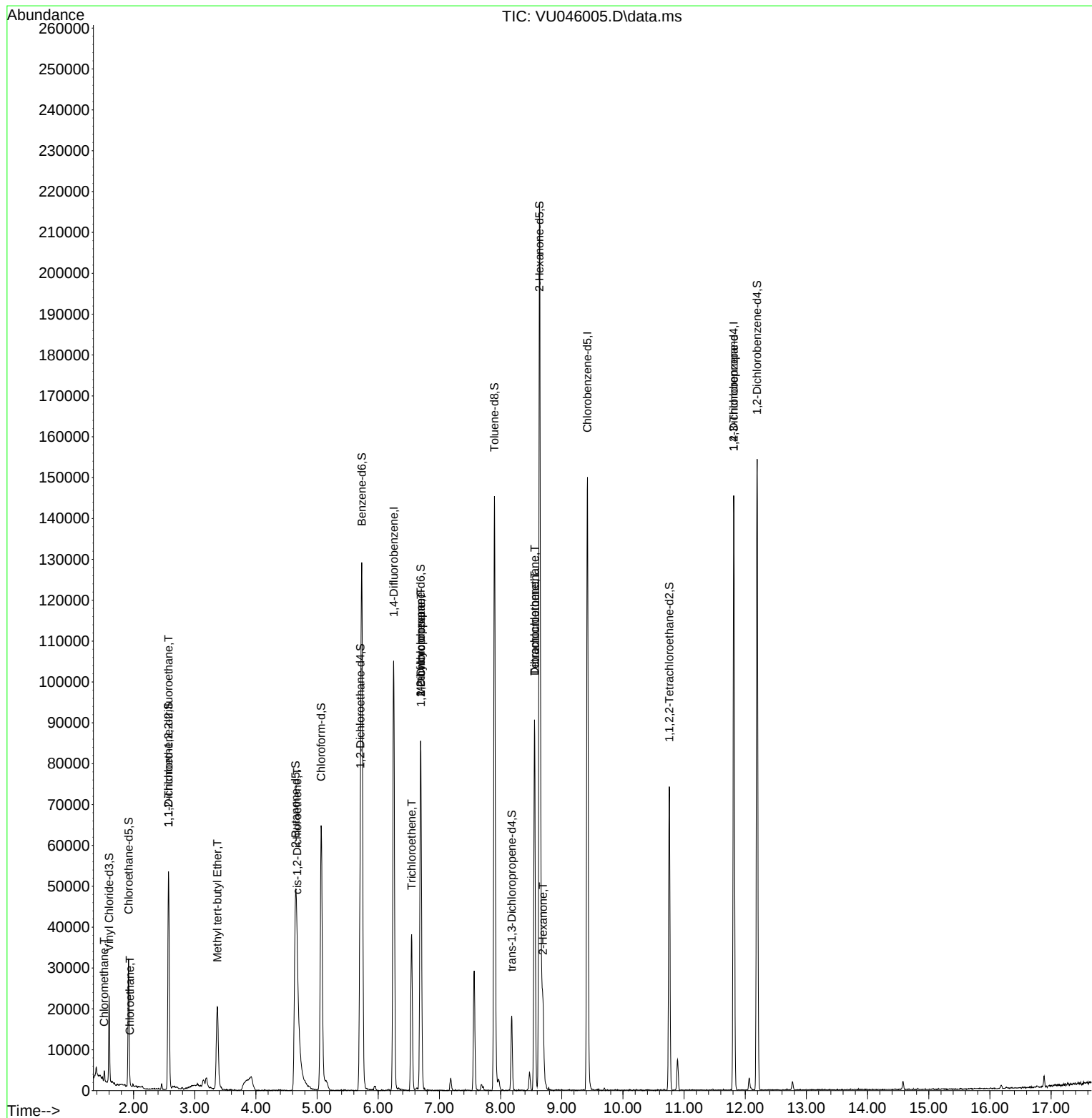
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	87276	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	86980	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	14666	2.121	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	42.400%
7) Chloroethane-d5	1.919	69	23245	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.571	65	10083	3.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.600%
20) 2-Butanone-d5	4.649	46	120975	65.284	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.560%#
24) Chloroform-d	5.067	84	60286	5.233	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.706	65	36254	5.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
32) Benzene-d6	5.732	84	122760	5.125	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.693	67	40844	5.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.200%
41) Toluene-d8	7.899	98	100470	4.637	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	8.182	79	10509	3.429	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.636	63	81757	59.272	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.540%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36569	5.734	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	39848	6.015	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.200%#
Target Compounds						Qvalue
3) Chloromethane	1.520	50	1912	0.254	ug/L	96
8) Chloroethane	1.941	64	446	0.103	ug/L #	43
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	231	0.040	ug/L #	21
17) Methyl tert-butyl Ether	3.369	73	24163	1.718	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	1554	0.247	ug/L	85
34) Trichloroethene	6.546	95	12569	2.009	ug/L	97
35) Methylcyclohexane	6.693	83	9826	1.023	ug/L #	21
37) 1,2-Dichloropropane	6.697	63	4464	0.699	ug/L #	88
47) Tetrachloroethene	8.555	164	19713	4.502	ug/L	98
48) 2-Hexanone	8.693	43	12811	4.233	ug/L #	98
49) Dibromochloromethane	8.555	129	19635	3.635	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4833	1.207	ug/L #	64

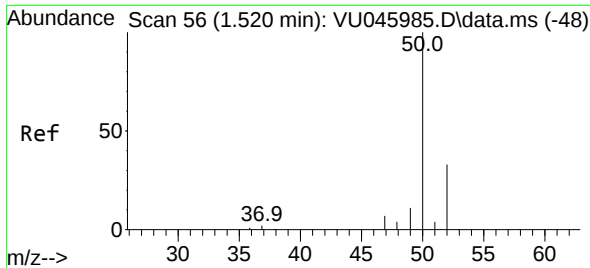
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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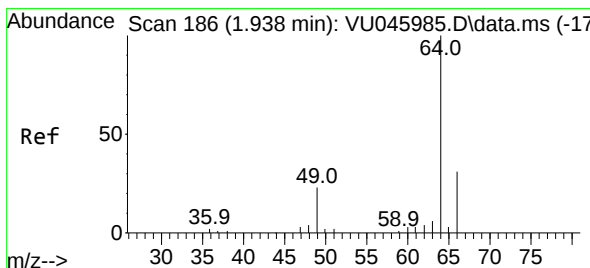
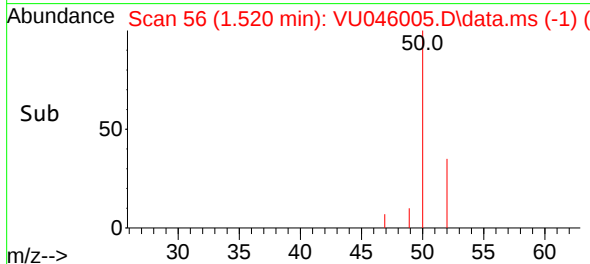
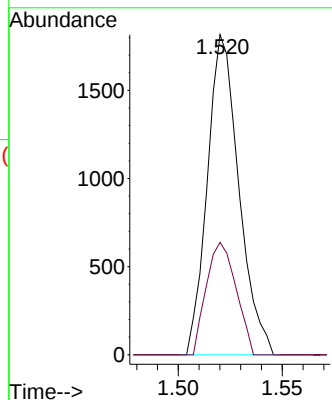
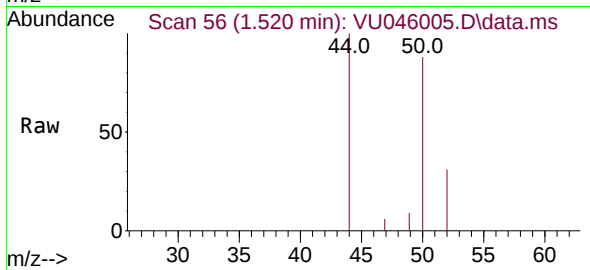




#3
Chloromethane
Concen: 0.254 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

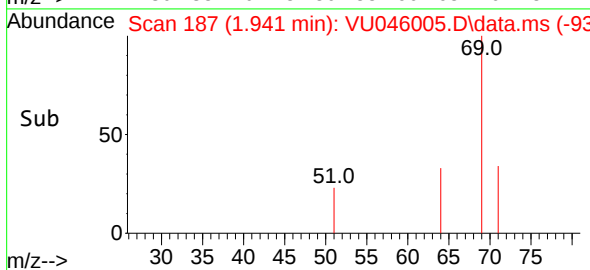
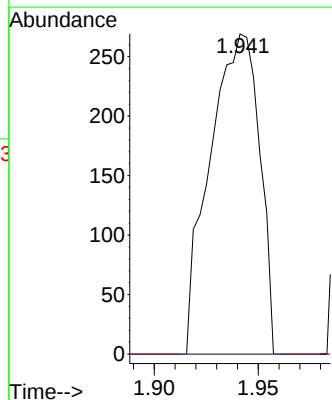
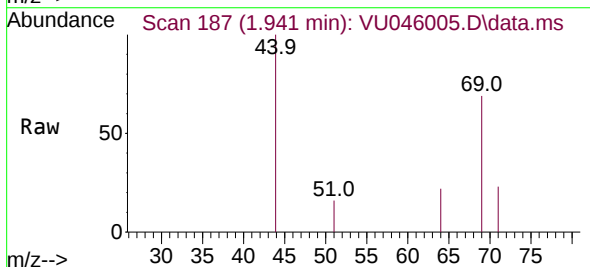
Instrument :
MSVOA_U
ClientSampleId :

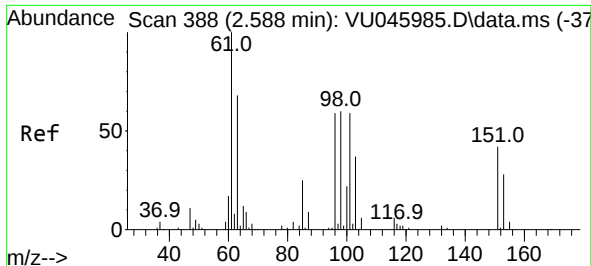
Tgt Ion: 50 Resp: 1912
Ion Ratio Lower Upper
50 100
52 35.1 23.0 42.8



#8
Chloroethane
Concen: 0.103 ug/L
RT: 1.941 min Scan# 187
Delta R.T. 0.003 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

Tgt Ion: 64 Resp: 446
Ion Ratio Lower Upper
64 100
66 0.0 22.1 41.1#

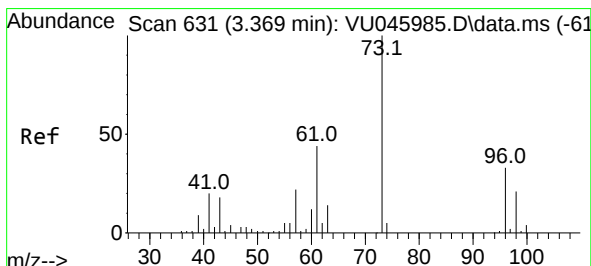
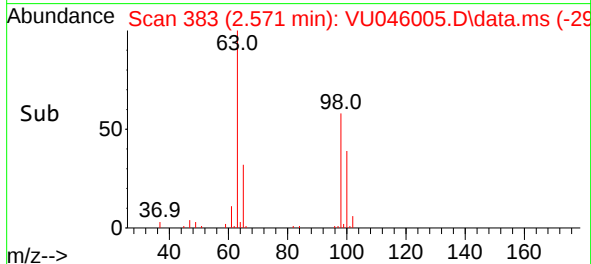
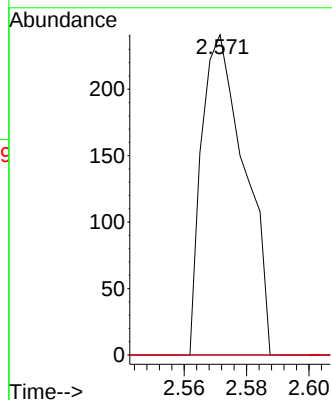
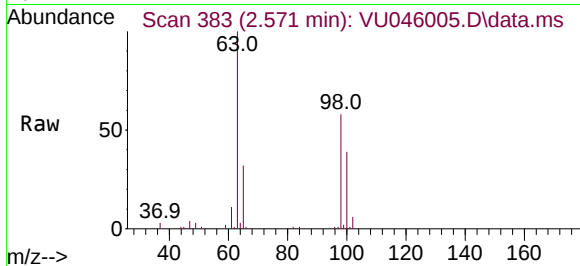




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.040 ug/L
RT: 2.571 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

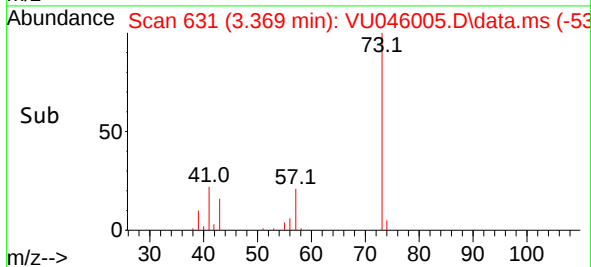
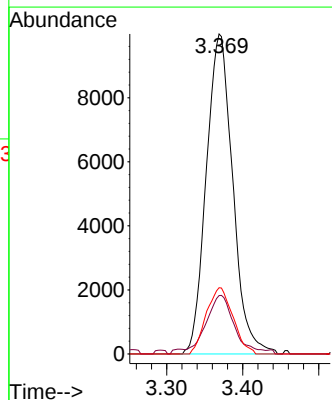
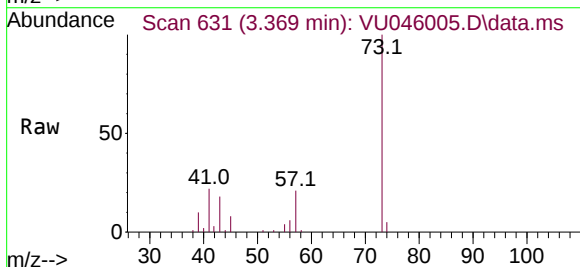
Instrument :
MSVOA_U
ClientSampleId :

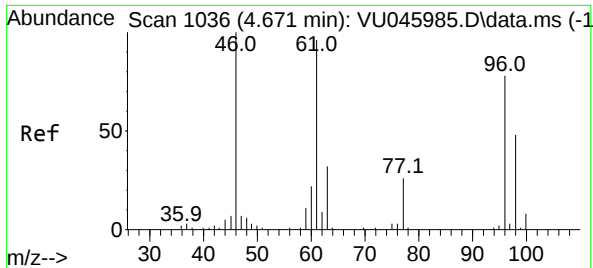
Tgt Ion:101 Resp: 231
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#17
Methyl tert-butyl Ether
Concen: 1.718 ug/L
RT: 3.369 min Scan# 631
Delta R.T. 0.000 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

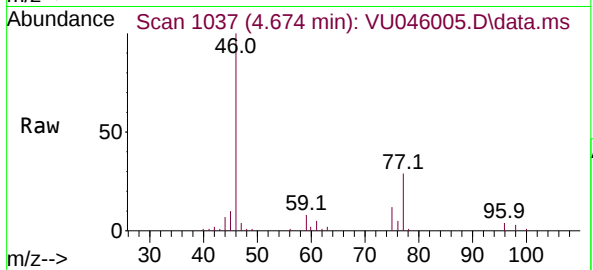
Tgt Ion: 73 Resp: 24163
Ion Ratio Lower Upper
73 100
43 17.1 14.8 22.2
57 20.8 17.4 26.0



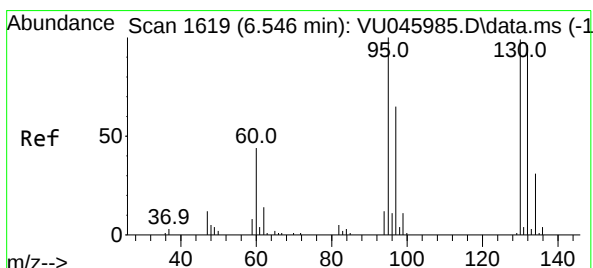
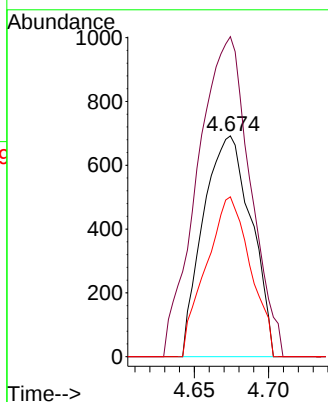
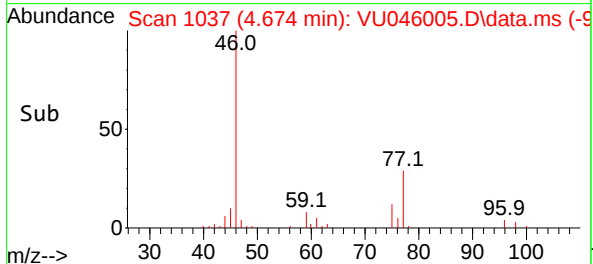


#22
cis-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 4.674 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

Instrument :
MSVOA_U
ClientSampleId :

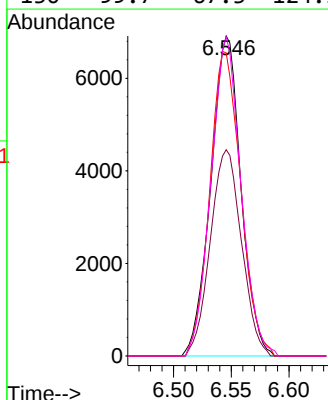
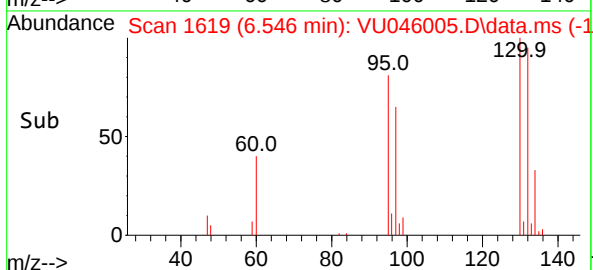
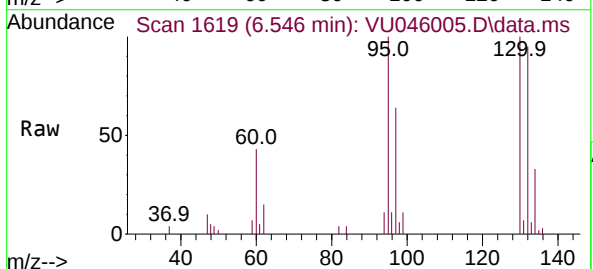


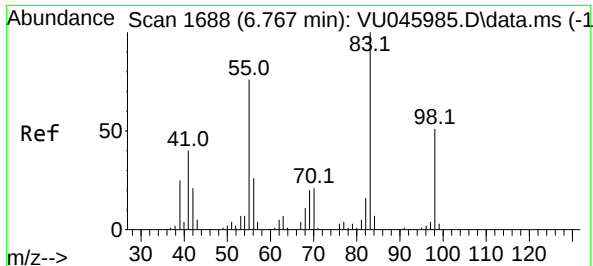
Tgt Ion: 96	Resp: 1554
Ion Ratio	Lower Upper
96	100
61	144.9 88.5 164.3
98	72.4 44.4 82.5



#34
Trichloroethene
Concen: 2.009 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046005.D
Acq: 24 Nov 2021 19:26

Tgt Ion: 95	Resp: 12569
Ion Ratio	Lower Upper
95	100
97	64.5 46.5 86.5
132	94.7 65.1 120.9
130	99.7 67.3 124.9





#35

Methylcyclohexane

Concen: 1.023 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046005.D

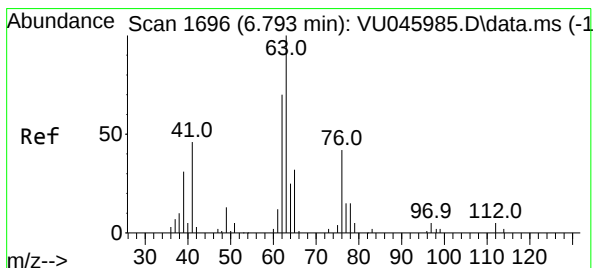
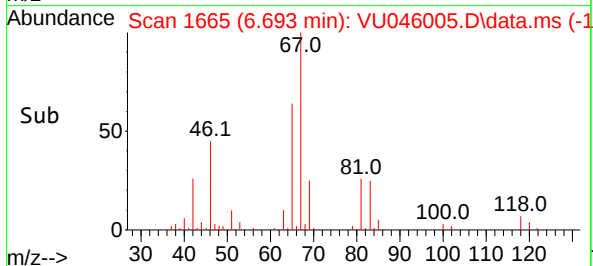
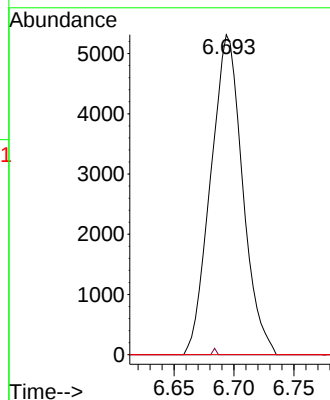
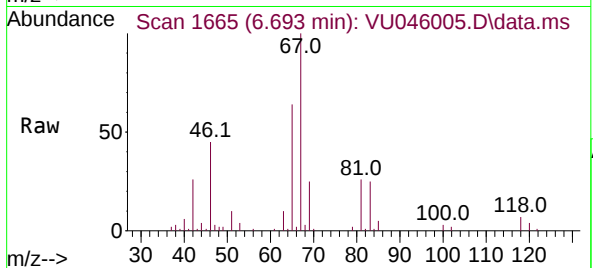
Acq: 24 Nov 2021 19:26

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 9826
Ion Ratio	Lower Upper
83 100	
55 0.2	61.9 92.9#
98 5.7	39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.699 ug/L

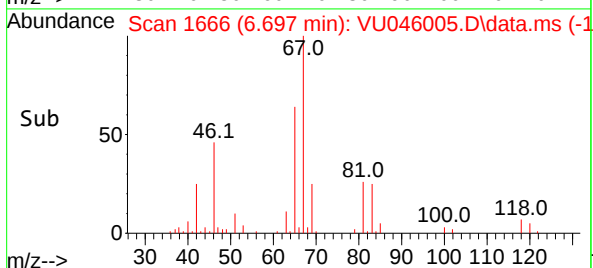
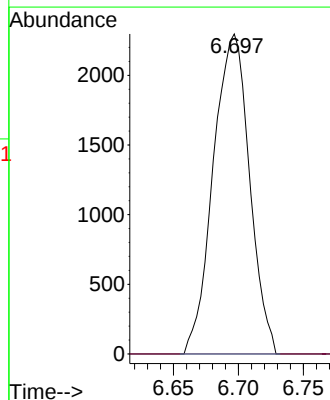
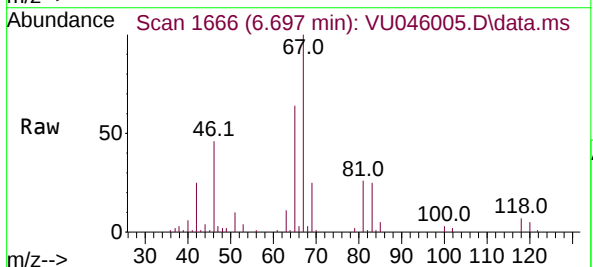
RT: 6.697 min Scan# 1666

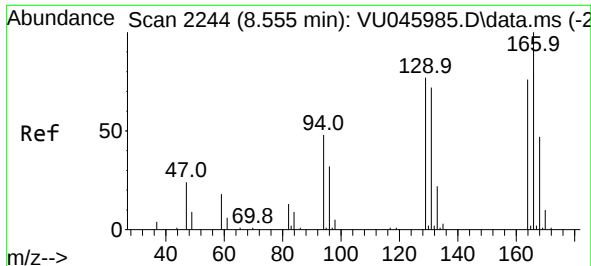
Delta R.T. -0.096 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Tgt Ion: 63	Resp: 4464
Ion Ratio	Lower Upper
63 100	
112 0.0	3.2 4.8#





#47

Tetrachloroethene

Concen: 4.502 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

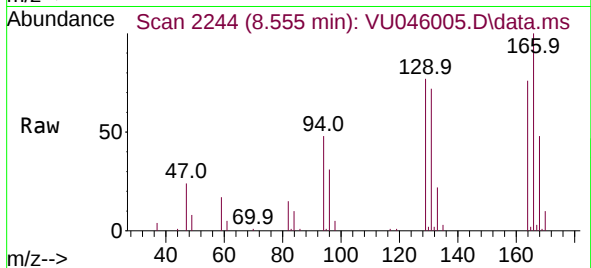
Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 19713

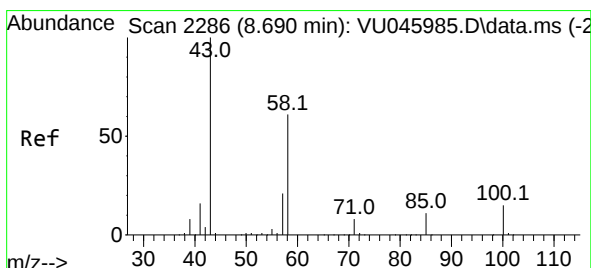
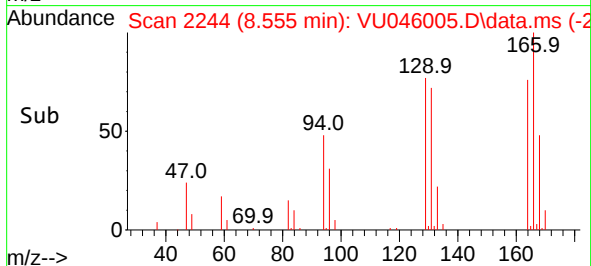
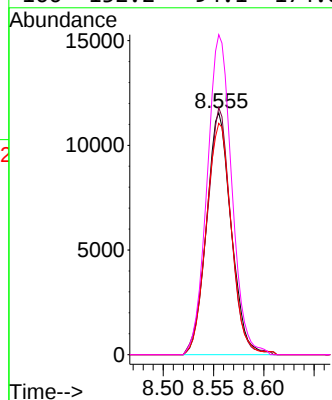
Ion Ratio Lower Upper

164 100

129 102.1 71.8 133.4

131 95.6 68.5 127.3

166 132.2 94.1 174.8



#48

2-Hexanone

Concen: 4.233 ug/L

RT: 8.693 min Scan# 2287

Delta R.T. 0.003 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Tgt Ion: 43 Resp: 12811

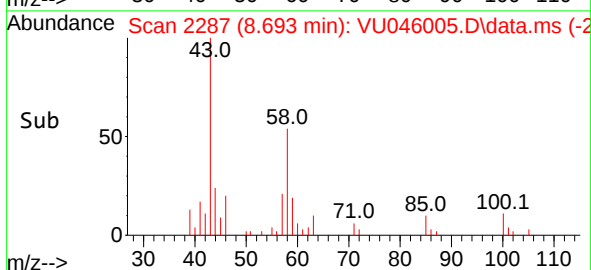
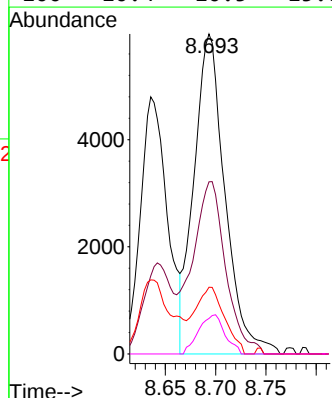
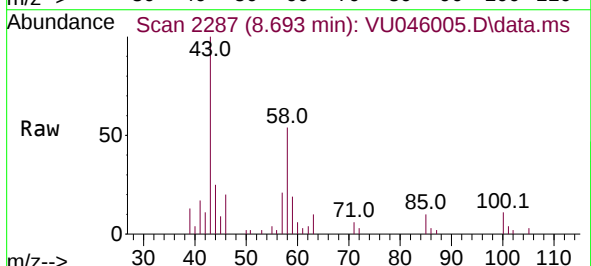
Ion Ratio Lower Upper

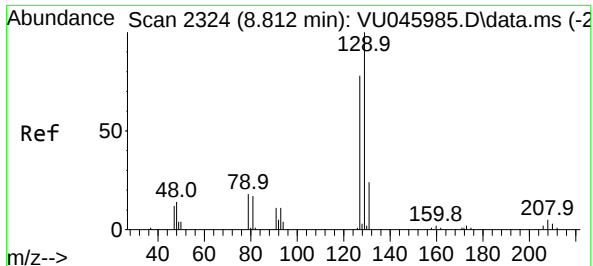
43 100

58 57.9 46.7 70.1

57 19.7 16.3 24.5

100 10.4 10.5 15.7#





#49

Dibromochloromethane

Concen: 3.635 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Instrument :

MSVOA_U

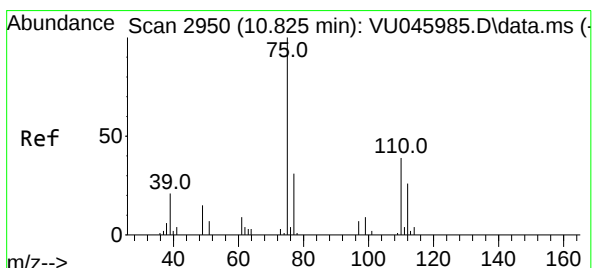
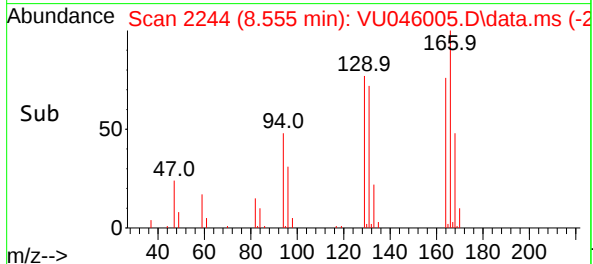
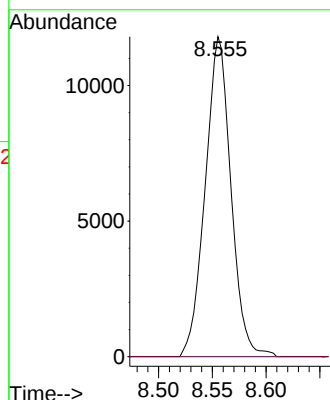
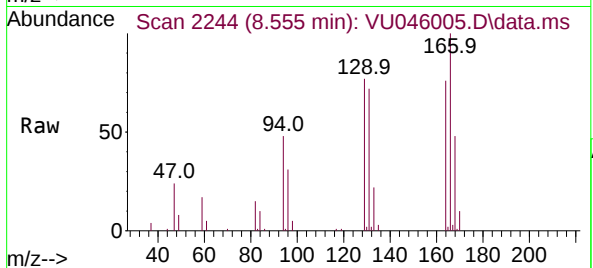
ClientSampleId :

Tgt Ion:129 Resp: 19635

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.207 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046005.D

Acq: 24 Nov 2021 19:26

Tgt Ion: 75 Resp: 4833

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 29.3 25.5 38.3

