

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046934.D
 Acq On : 31 Jan 2022 22:21
 Operator : SY/MD
 Sample : N1328-05DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:01:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

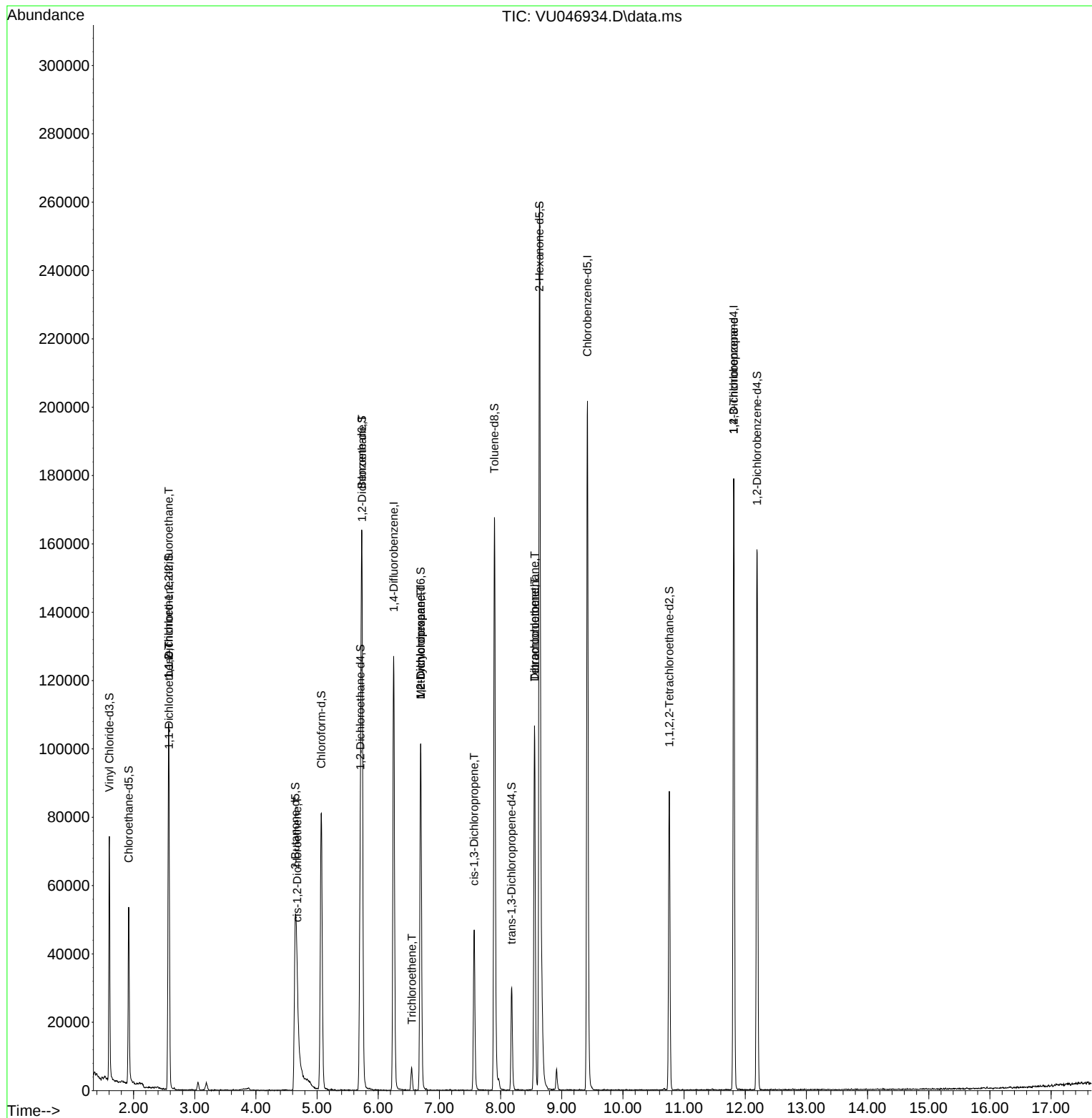
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	105538	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53375	5.968	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	119.400%
7) Chloroethane-d5	1.919	69	40899	5.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.000%
11) 1,1-Dichloroethene-d2	2.575	65	20665	5.809	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.200%
20) 2-Butanone-d5	4.646	46	116021	43.793	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.580%
24) Chloroform-d	5.070	84	78514	5.001	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.707	65	43595	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.732	84	157452	4.511	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.694	67	49518	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.899	98	121836	3.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	18233	3.961	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.636	63	107280	39.363	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45344	4.309	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	41717	4.615	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	567	0.092	ug/L #	21
12) 1,1-Dichloroethene	2.581	96	825	0.140	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	4244	0.630	ug/L	95
27) 1,2-Dichloroethane	5.735	62	684	0.091	ug/L #	73
34) Trichloroethene	6.549	95	2316	0.319	ug/L	87
35) Methylcyclohexane	6.694	83	11719	0.964	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	4934	0.719	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1126	0.105	ug/L #	69
47) Tetrachloroethene	8.555	164	24517	4.152	ug/L	93
49) Dibromochloromethane	8.555	129	23717	3.445	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5992	1.467	ug/L #	66

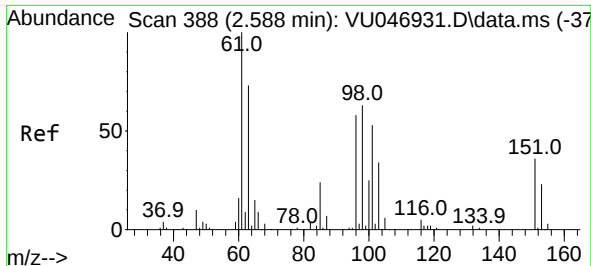
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.092 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU046934.D

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Instrument :

MSVOA_U

ClientSampleId :

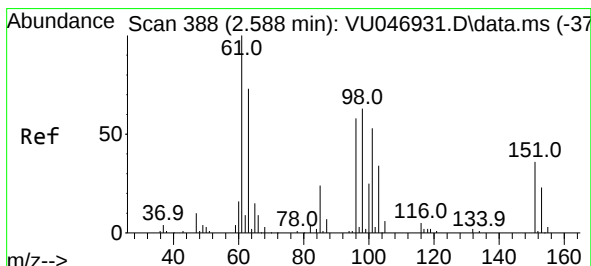
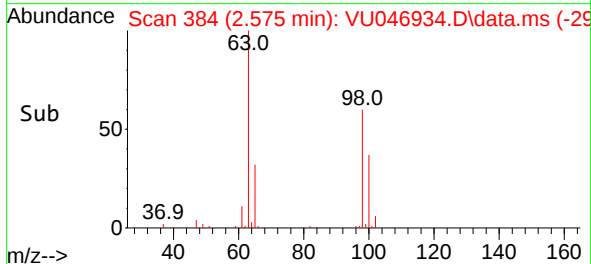
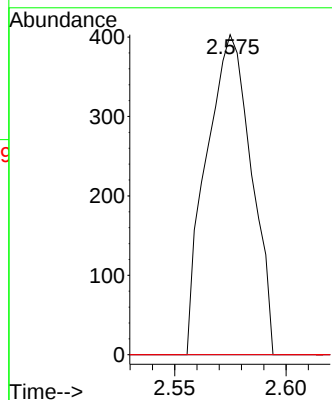
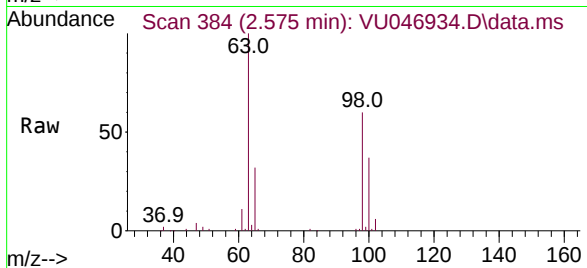
Tgt Ion:101 Resp: 567

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

151 0.0 56.1 84.1#



#12

1,1-Dichloroethene

Concen: 0.140 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.006 min

Lab File: VU046934.D

Acq: 31 Jan 2022 22:21

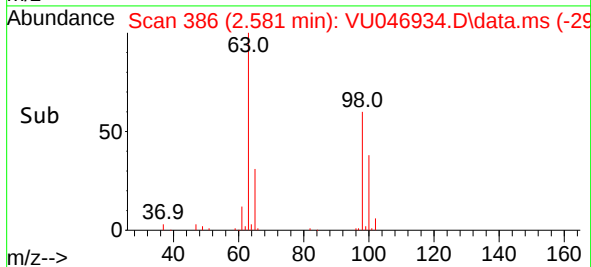
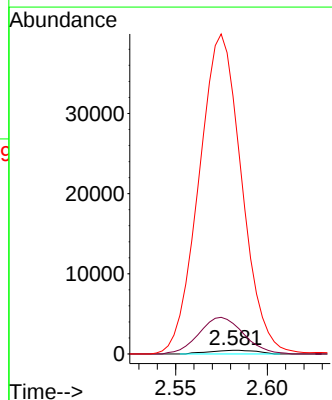
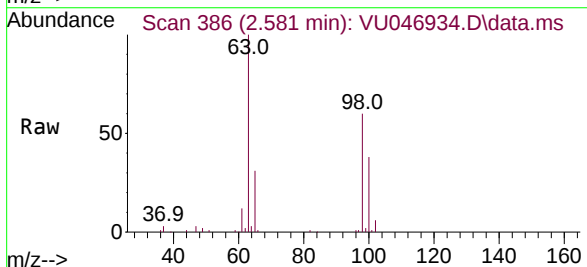
Tgt Ion: 96 Resp: 825

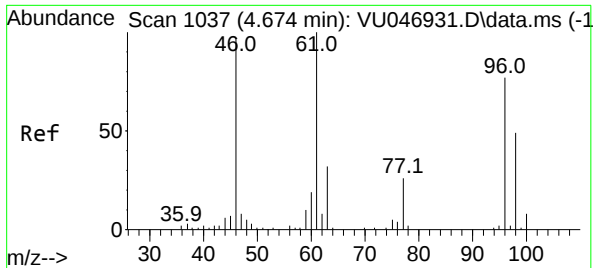
Ion Ratio Lower Upper

96 100

61 836.6 124.7 231.5#

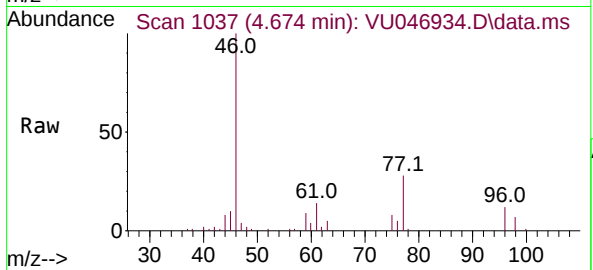
63 7056.1 105.2 195.4#



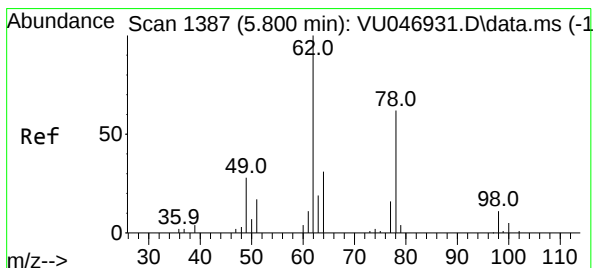
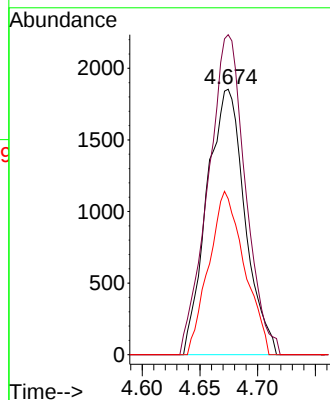
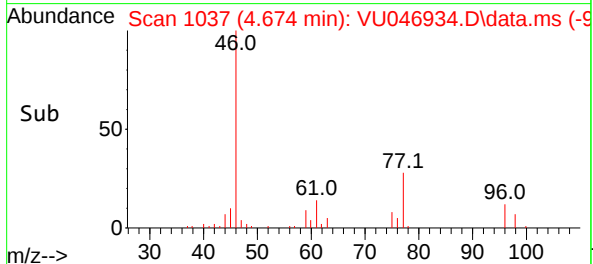


#22
cis-1,2-Dichloroethene
Concen: 0.630 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VU046934.D
Acq: 31 Jan 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

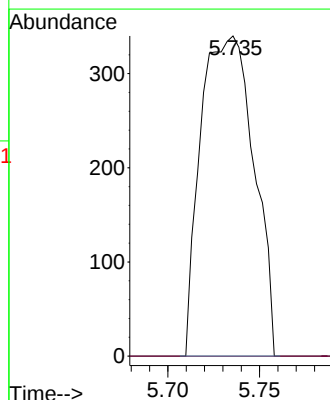
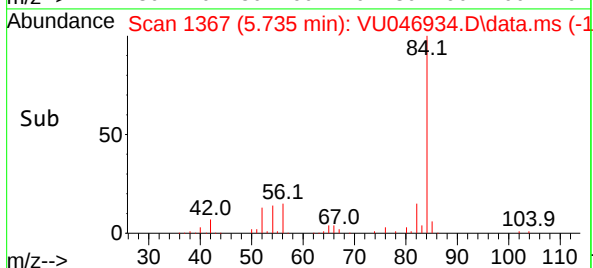
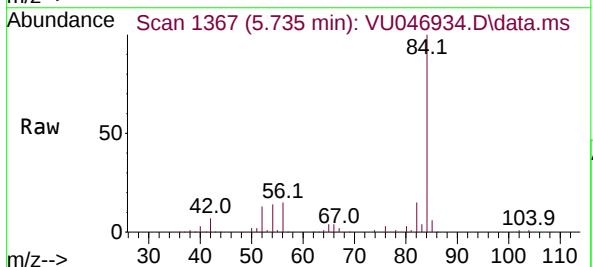


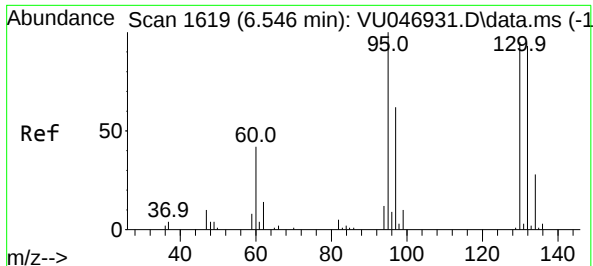
Tgt Ion: 96 Resp: 4244
Ion Ratio Lower Upper
96 100
61 120.6 88.5 164.3
98 58.7 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.735 min Scan# 1367
Delta R.T. -0.064 min
Lab File: VU046934.D
Acq: 31 Jan 2022 22:21

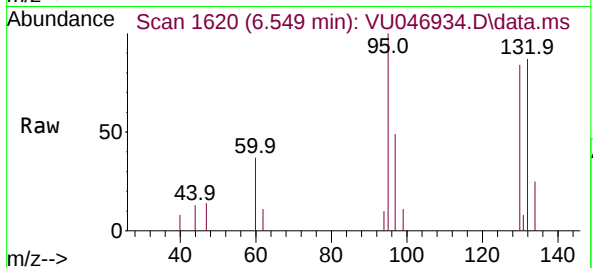
Tgt Ion: 62 Resp: 684
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



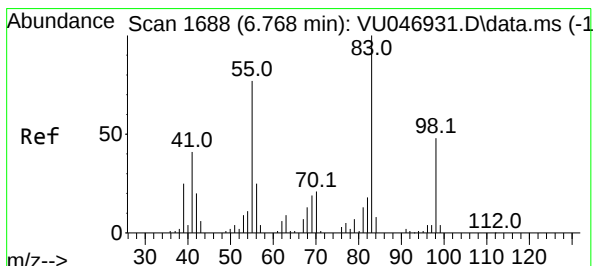
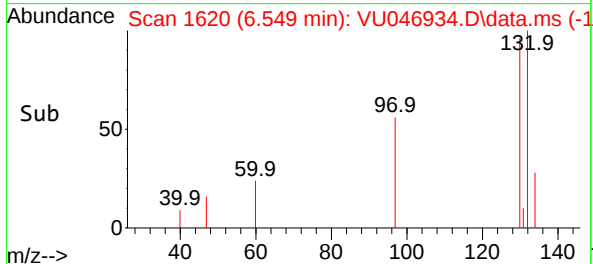
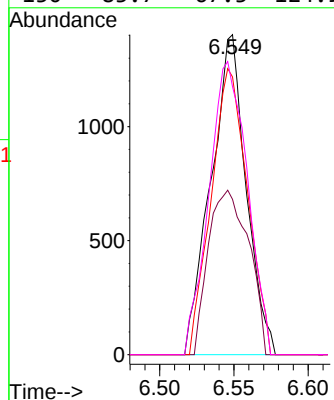


#34
Trichloroethene
Concen: 0.319 ug/L
RT: 6.549 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046934.D
Acq: 31 Jan 2022 22:21

Instrument :
MSVOA_U
ClientSampleId :

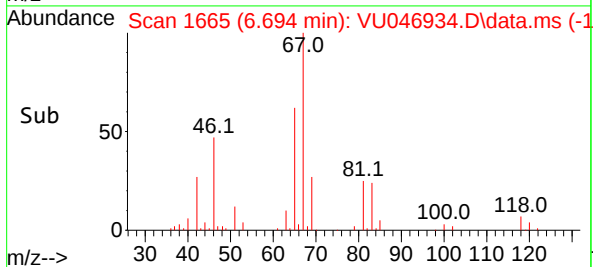
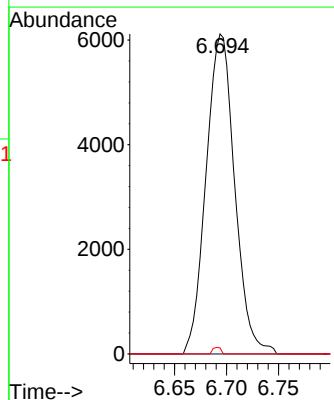
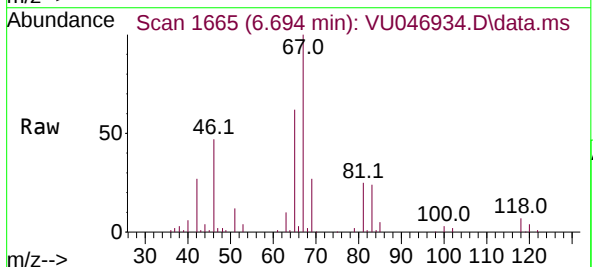


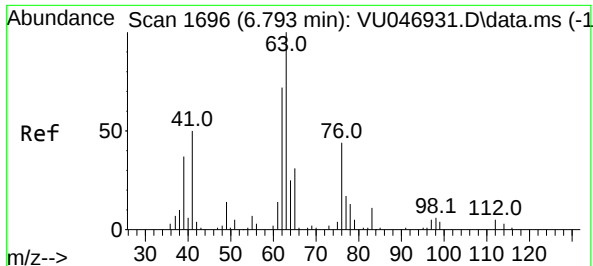
Tgt Ion: 95 Resp: 2316
Ion Ratio Lower Upper
95 100
97 48.5 46.5 86.5
132 86.8 65.1 120.9
130 83.7 67.3 124.9



#35
Methylcyclohexane
Concen: 0.964 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046934.D
Acq: 31 Jan 2022 22:21

Tgt Ion: 83 Resp: 11719
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.6 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.719 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046934.D

Acq: 31 Jan 2022 22:21

Instrument :

MSVOA_U

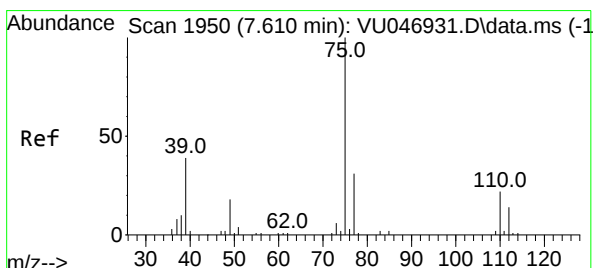
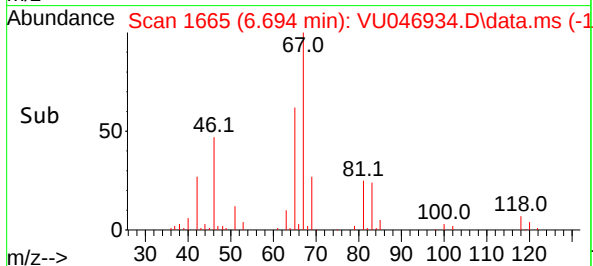
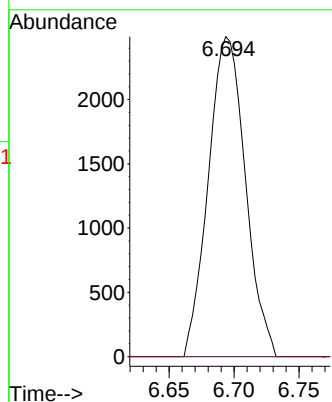
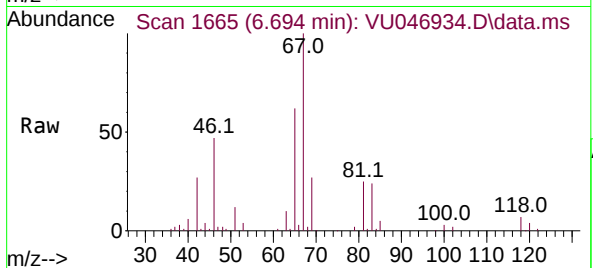
ClientSampleId :

Tgt Ion: 63 Resp: 4934

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046934.D

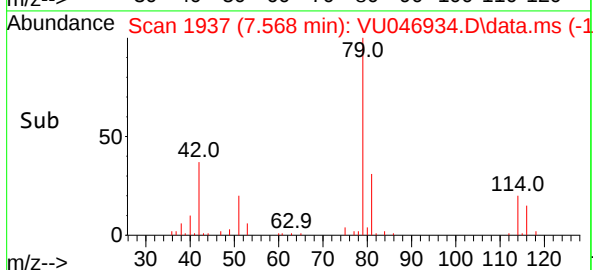
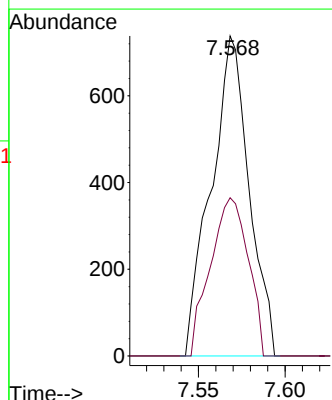
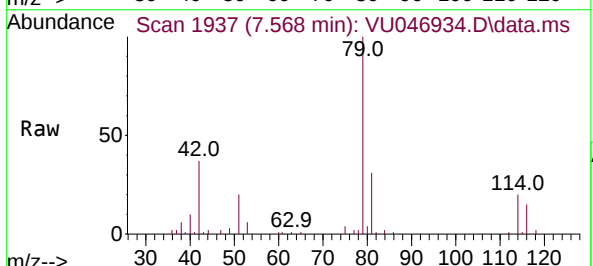
Acq: 31 Jan 2022 22:21

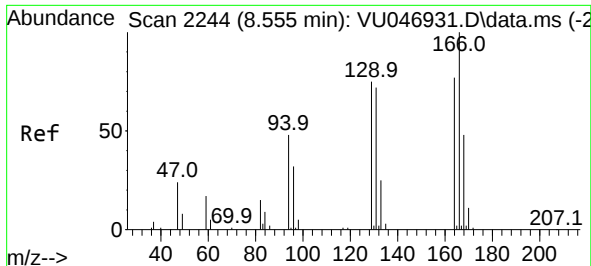
Tgt Ion: 75 Resp: 1126

Ion Ratio Lower Upper

75 100

77 49.5 22.5 41.9#





#47

Tetrachloroethene

Concen: 4.152 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

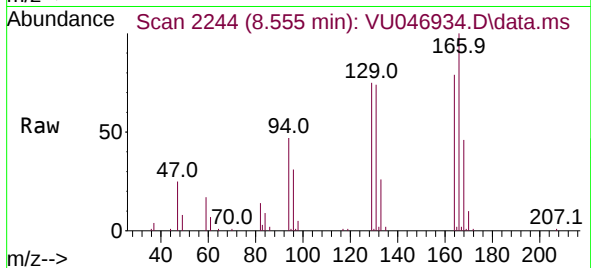
Lab File: VU046934.D

Acq: 31 Jan 2022 22:21

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 24517

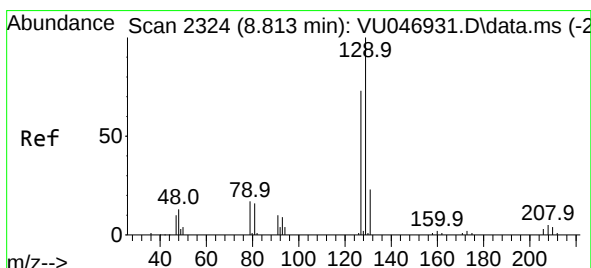
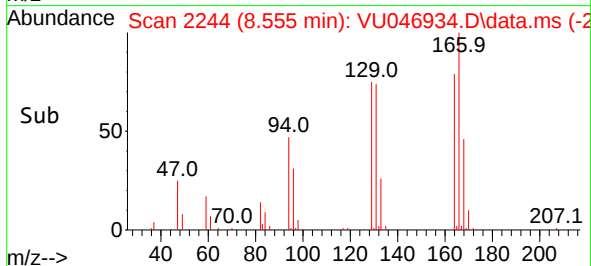
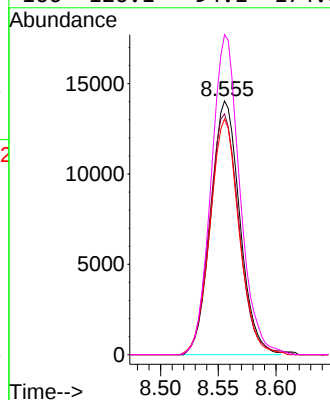
Ion Ratio Lower Upper

164 100

129 94.9 71.8 133.4

131 92.8 68.5 127.3

166 126.1 94.1 174.8



#49

Dibromochloromethane

Concen: 3.445 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046934.D

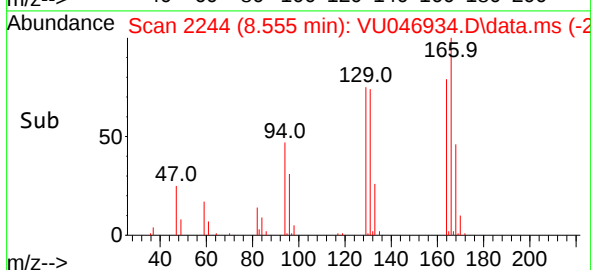
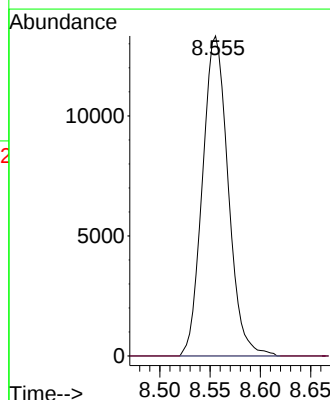
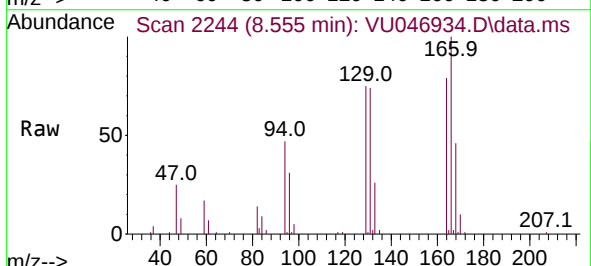
Acq: 31 Jan 2022 22:21

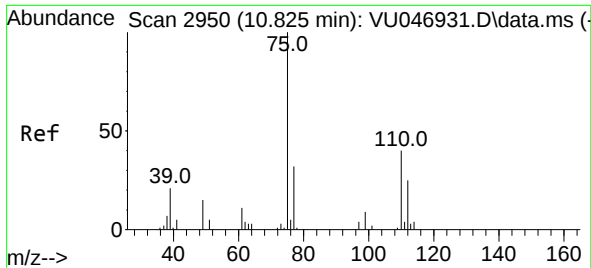
Tgt Ion:129 Resp: 23717

Ion Ratio Lower Upper

129 100

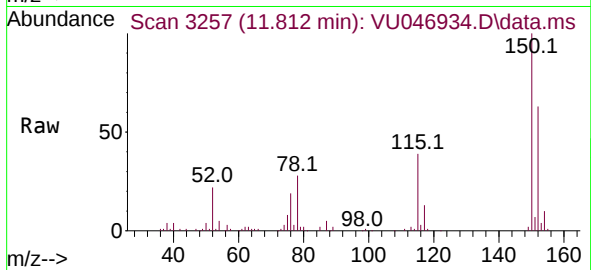
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.467 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046934.D
 Acq: 31 Jan 2022 22:21

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5992
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.4 25.5 38.3

