

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046944.D
 Acq On : 01 Feb 2022 02:25
 Operator : SY/MD
 Sample : N1328-18DL 1000X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:03:42 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)

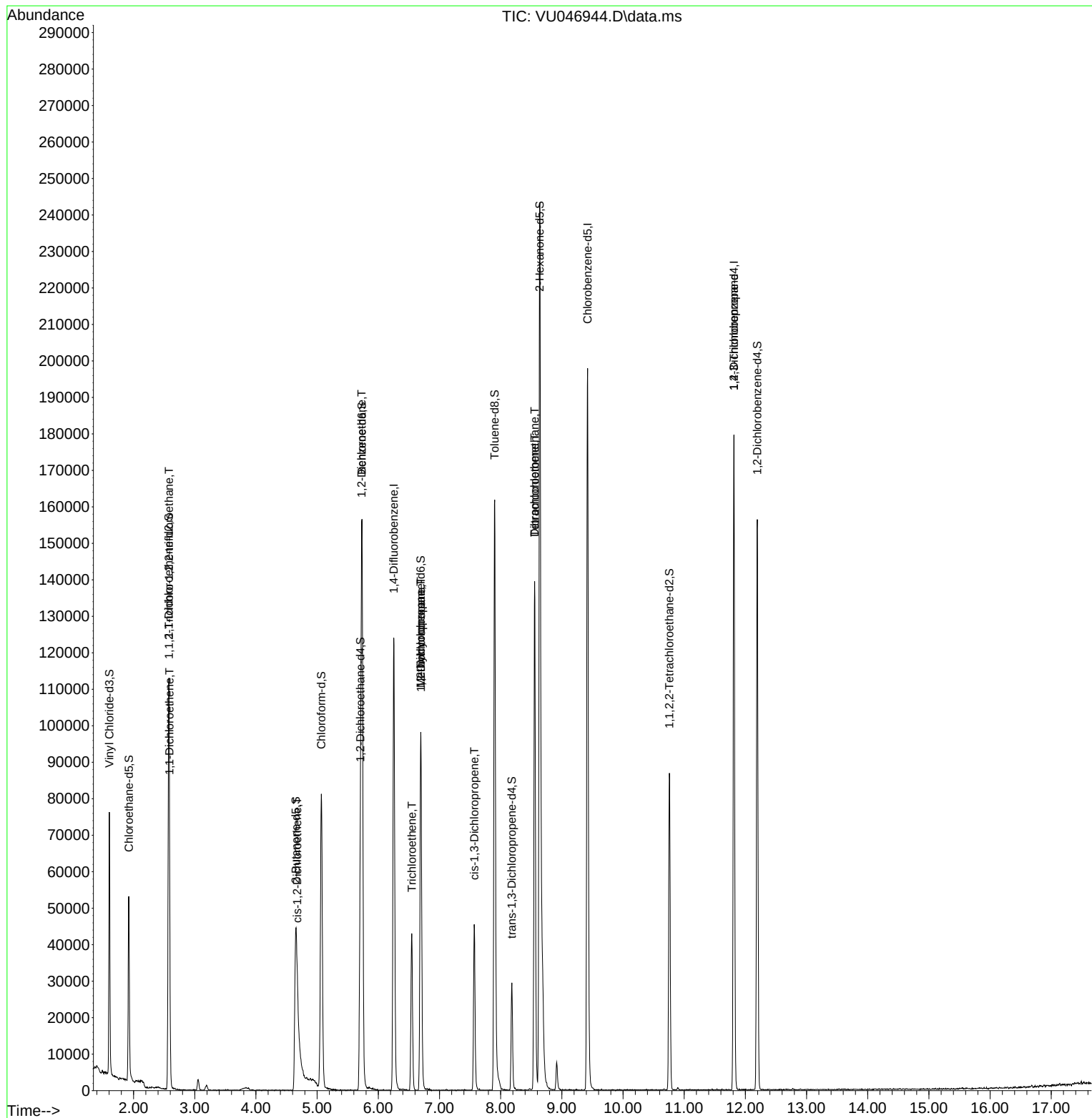
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	103717	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	118705	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53045	6.036	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.800%		
7) Chloroethane-d5	1.922	69	40694	5.877	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 117.600%		
11) 1,1-Dichloroethene-d2	2.575	65	20552	5.879	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 117.600%		
20) 2-Butanone-d5	4.652	46	111923	42.988	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.980%		
24) Chloroform-d	5.070	84	77617	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.600%		
26) 1,2-Dichloroethane-d4	5.706	65	43630	5.193	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.800%		
32) Benzene-d6	5.732	84	151540	4.344	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 86.800%		
36) 1,2-Dichloropropane-d6	6.693	67	48831	4.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 93.200%		
41) Toluene-d8	7.899	98	118133	3.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 74.000%		
43) trans-1,3-Dichloroprop...	8.182	79	17551	3.815	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 76.400%		
46) 2-Hexanone-d5	8.639	63	109407	40.166	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 80.340%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46228	4.396	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 88.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	41157	4.628	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.600%		
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	519	0.086	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	6844	1.182	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	672	0.102	ug/L	95
27) 1,2-Dichloroethane	5.726	62	703	0.095	ug/L #	73
34) Trichloroethene	6.549	95	15208	2.096	ug/L	94
35) Methylcyclohexane	6.693	83	11672	0.960	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4938	0.720	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1084	0.101	ug/L #	78
47) Tetrachloroethene	8.555	164	31545	5.345	ug/L	97
49) Dibromochloromethane	8.555	129	31699	4.607	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6222	1.549	ug/L #	65

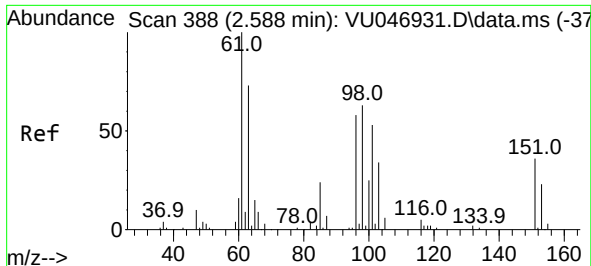
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.086 ug/L

RT: 2.581 min Scan# 386

Delta R.T. -0.007 min

Lab File: VU046944.D

Acq: 01 Feb 2022 02:25

Instrument :

MSVOA_U

ClientSampleId :

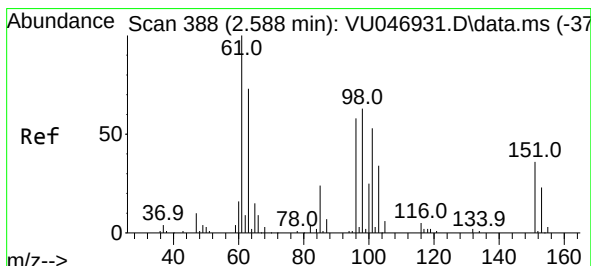
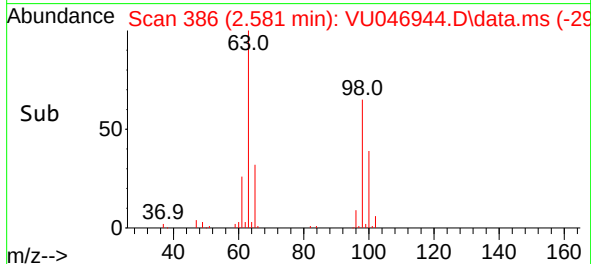
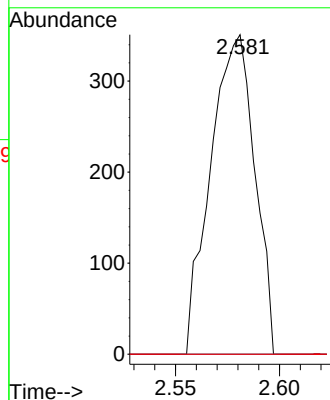
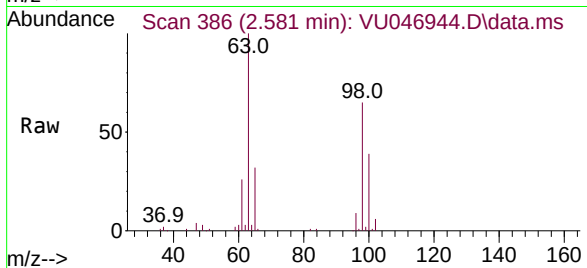
Tgt Ion:101 Resp: 519

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: 1.182 ug/L

RT: 2.587 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046944.D

Acq: 01 Feb 2022 02:25

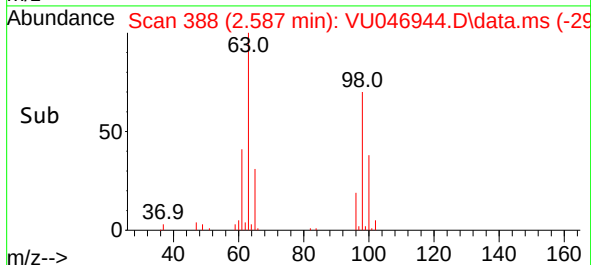
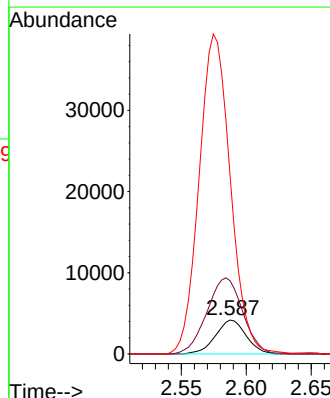
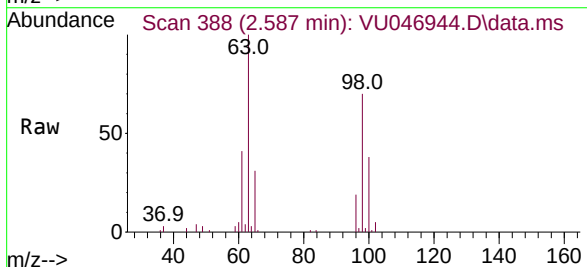
Tgt Ion: 96 Resp: 6844

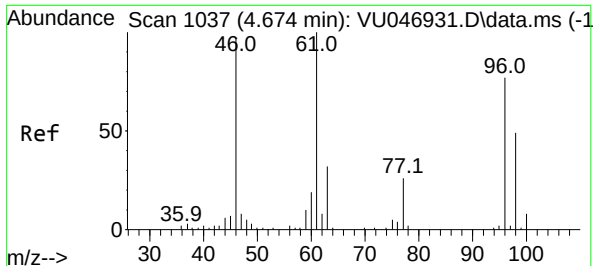
Ion Ratio Lower Upper

96 100

61 215.1 124.7 231.5

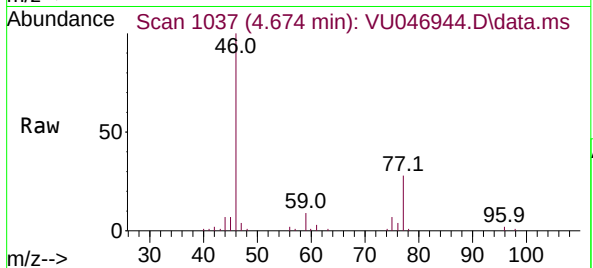
63 523.2 105.2 195.4#



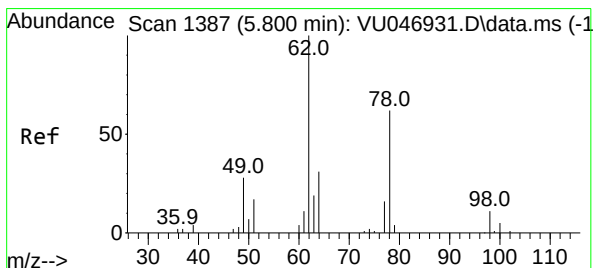
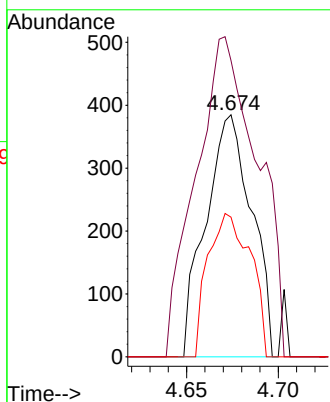
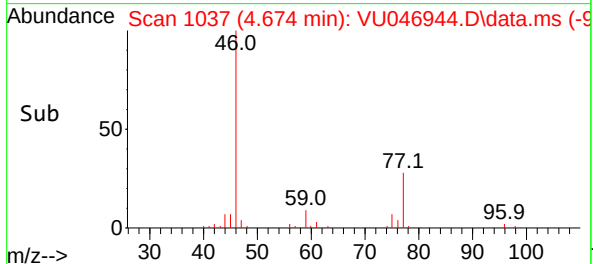


#22
 cis-1,2-Dichloroethene
 Concen: 0.102 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046944.D
 Acq: 01 Feb 2022 02:25

Instrument :
 MSVOA_U
 ClientSampleId :

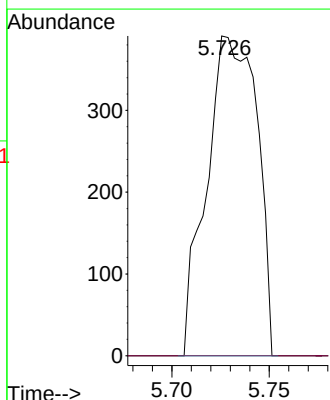
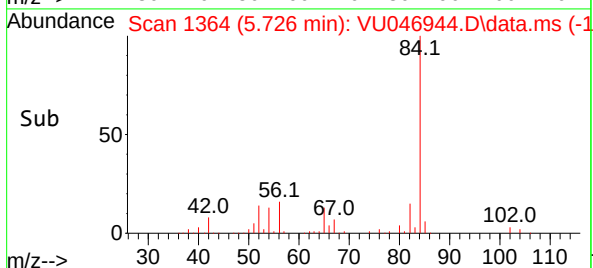
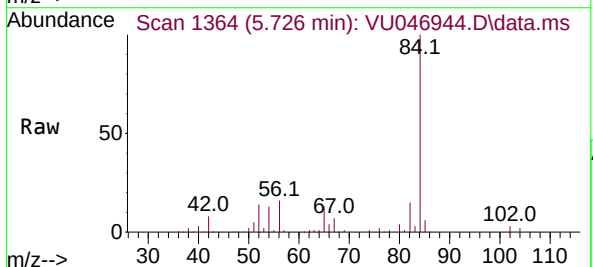


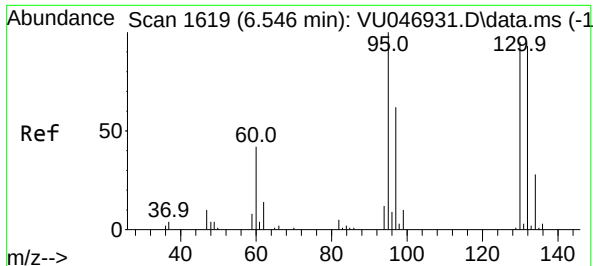
Tgt Ion:	96	Resp:	672
Ion	Ratio	Lower	Upper
96	100		
61	122.3	88.5	164.3
98	57.7	44.4	82.5



#27
 1,2-Dichloroethane
 Concen: 0.095 ug/L
 RT: 5.726 min Scan# 1364
 Delta R.T. -0.074 min
 Lab File: VU046944.D
 Acq: 01 Feb 2022 02:25

Tgt Ion:	62	Resp:	703
Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.8	11.8#

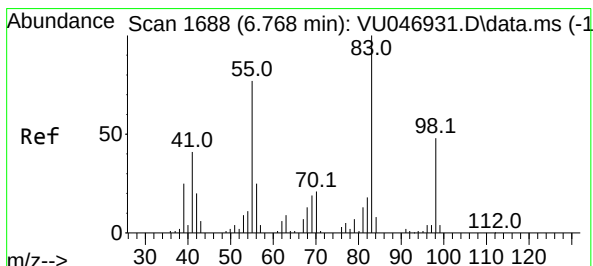
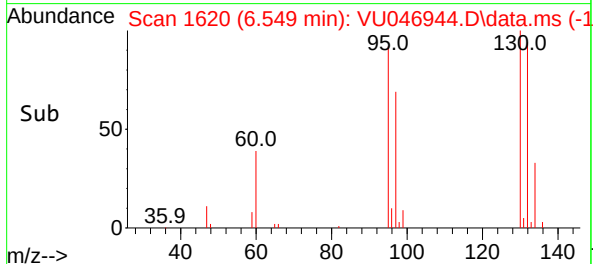
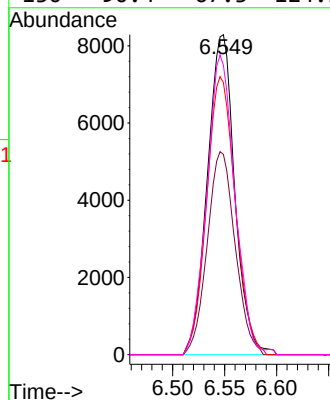
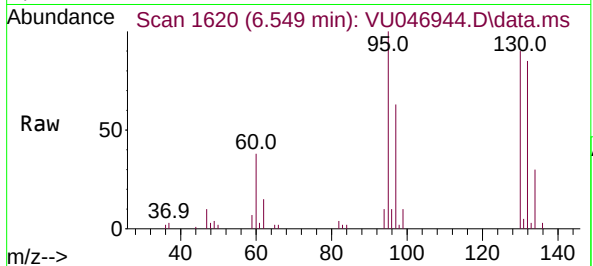




#34
Trichloroethene
Concen: 2.096 ug/L
RT: 6.549 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU046944.D
Acq: 01 Feb 2022 02:25

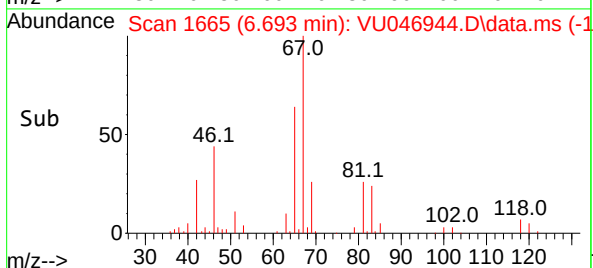
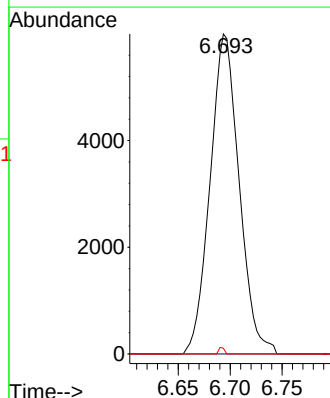
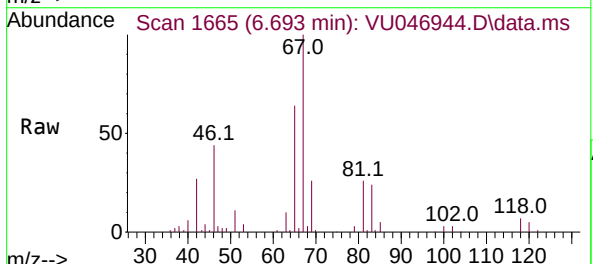
Instrument :
MSVOA_U
ClientSampleId :

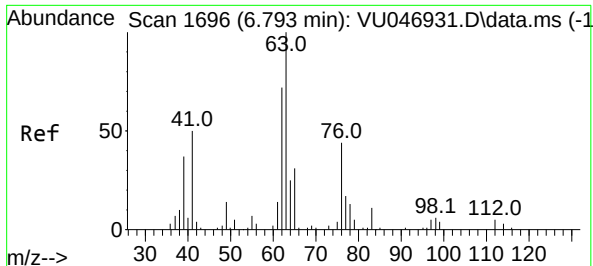
Tgt Ion: 95 Resp: 15208
Ion Ratio Lower Upper
95 100
97 62.6 46.5 86.5
132 85.0 65.1 120.9
130 90.4 67.3 124.9



#35
Methylcyclohexane
Concen: 0.960 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046944.D
Acq: 01 Feb 2022 02:25

Tgt Ion: 83 Resp: 11672
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.4 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.720 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.097 min

Lab File: VU046944.D

Acq: 01 Feb 2022 02:25

Instrument :

MSVOA_U

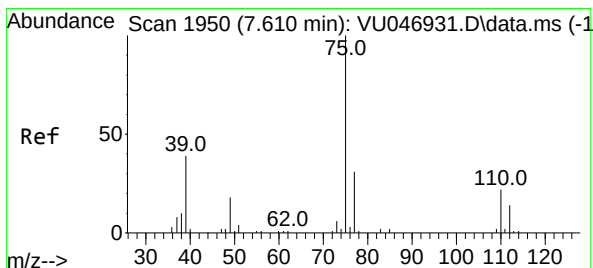
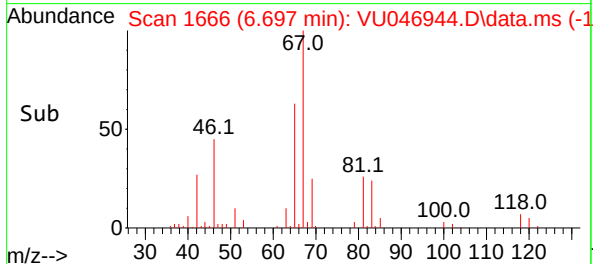
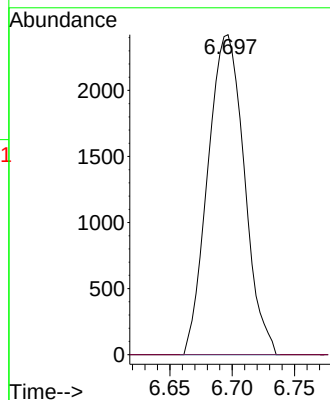
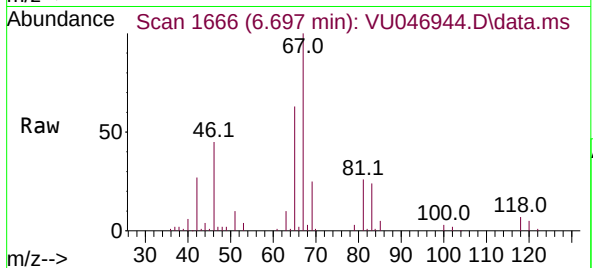
ClientSampleId :

Tgt Ion: 63 Resp: 4938

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046944.D

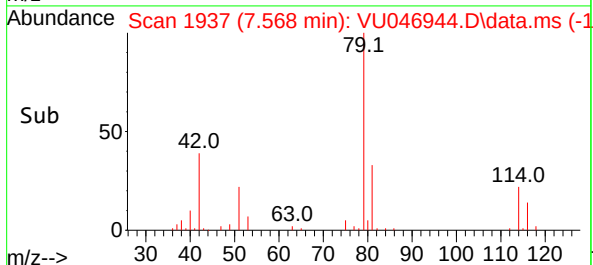
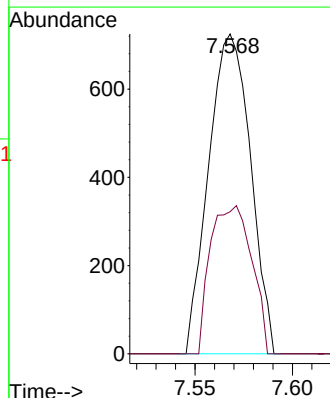
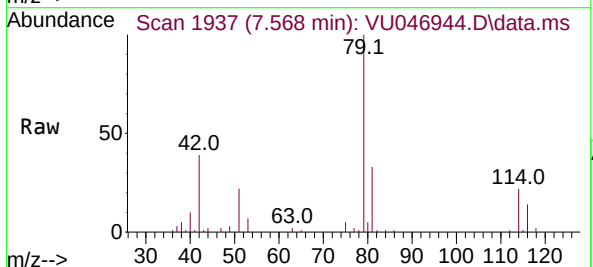
Acq: 01 Feb 2022 02:25

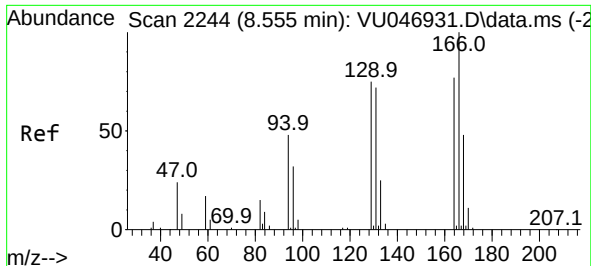
Tgt Ion: 75 Resp: 1084

Ion Ratio Lower Upper

75 100

77 44.4 22.5 41.9#





#47
Tetrachloroethene

Concen: 5.345 ug/L

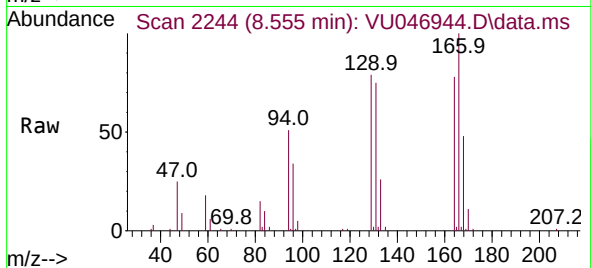
RT: 8.555 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046944.D

Acq: 01 Feb 2022 02:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 31545

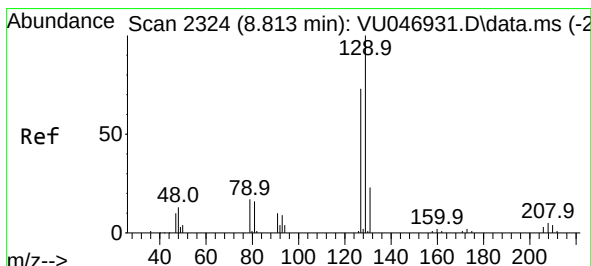
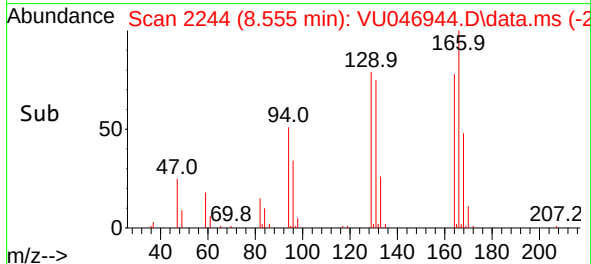
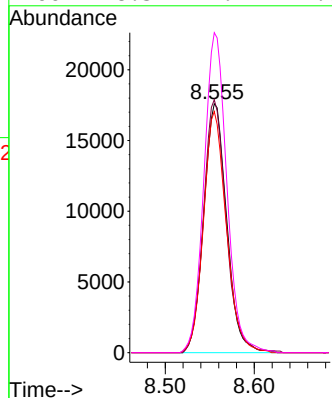
Ion Ratio Lower Upper

164 100

129 101.6 71.8 133.4

131 96.9 68.5 127.3

166 128.5 94.1 174.8



#49

Dibromochloromethane

Concen: 4.607 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.258 min

Lab File: VU046944.D

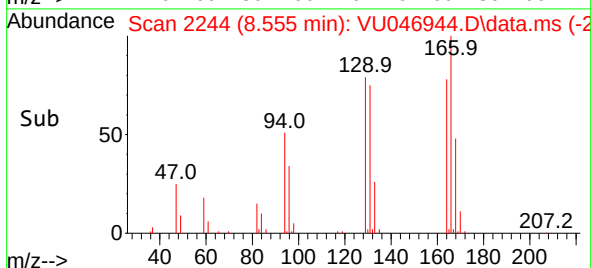
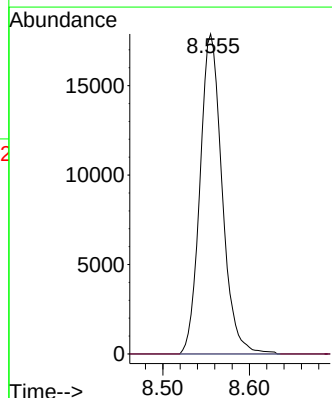
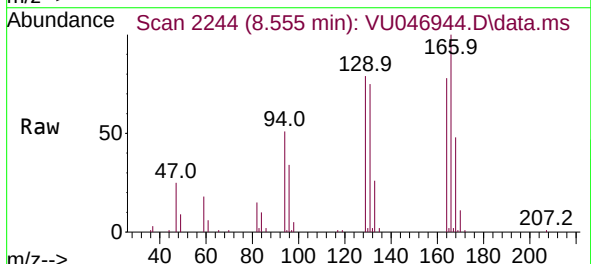
Acq: 01 Feb 2022 02:25

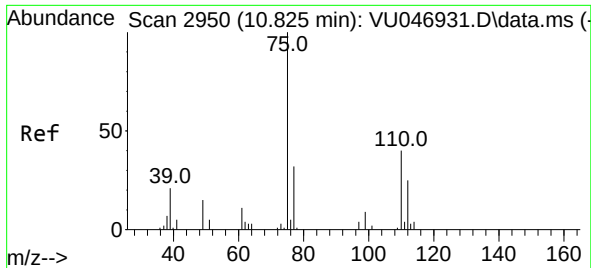
Tgt Ion:129 Resp: 31699

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.549 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

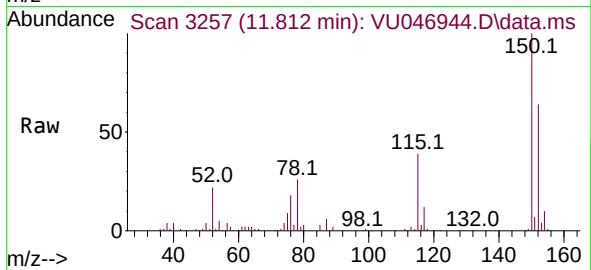
Lab File: VU046944.D

Acq: 01 Feb 2022 02:25

Instrument :

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ClientSampleId :



Tgt Ion: 75 Resp: 6222

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 30.5 25.5 38.3

