

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046919.D
 Acq On : 31 Jan 2022 15:50
 Operator : SY/MD
 Sample : N1328-12 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:27:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

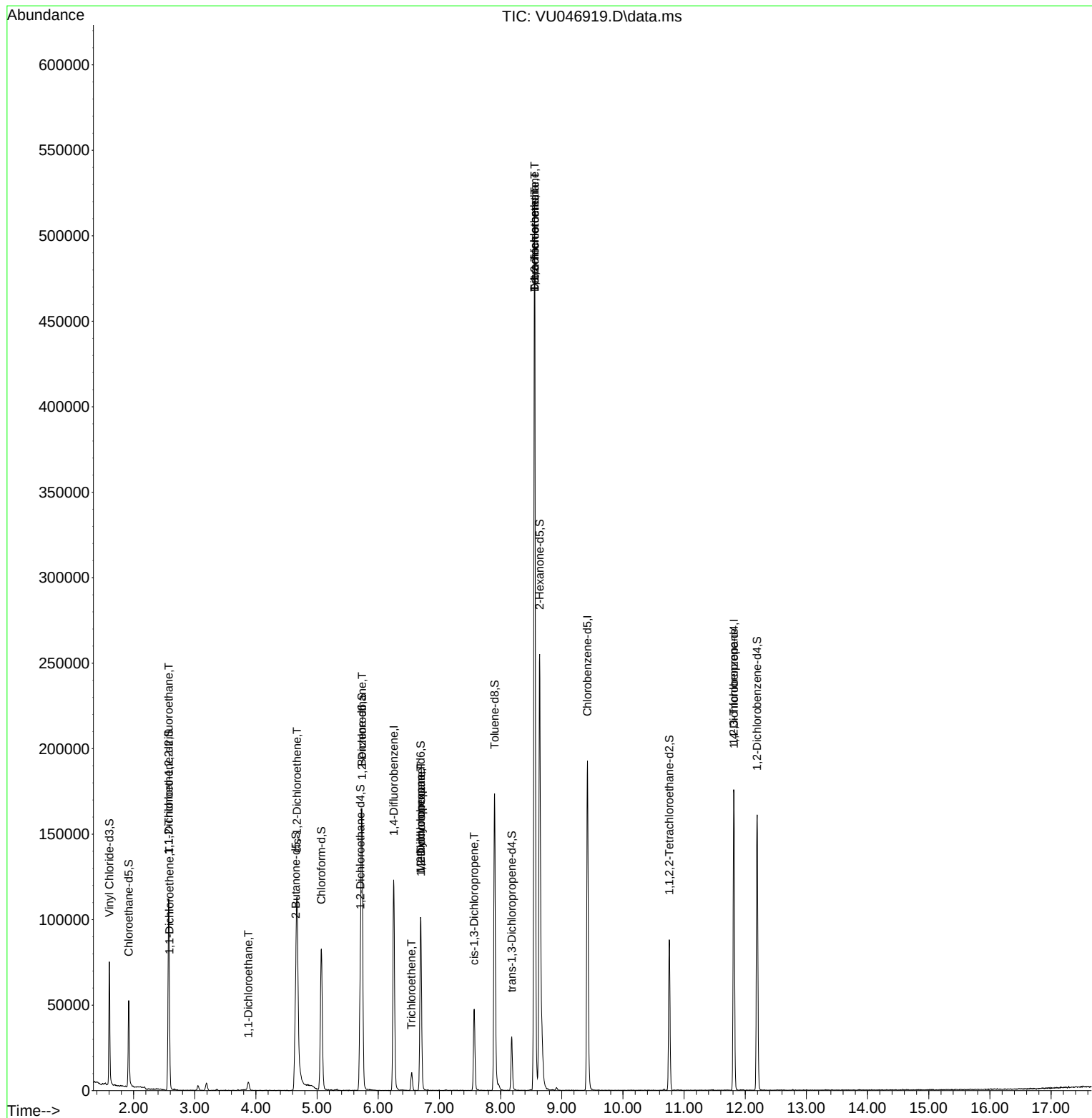
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101365	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114860	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	47337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	53257	6.200	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.000%
7) Chloroethane-d5	1.919	69	39053	5.771	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.400%
11) 1,1-Dichloroethene-d2	2.575	65	20756	6.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	121.400%
20) 2-Butanone-d5	4.652	46	109640	43.088	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.180%
24) Chloroform-d	5.070	84	77612	5.147	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.706	65	44424	5.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	5.732	84	159755	4.732	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.693	67	49618	4.895	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.000%
41) Toluene-d8	7.902	98	124516	4.030	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.600%
43) trans-1,3-Dichloroprop...	8.182	79	18341	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.639	63	108358	41.113	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46067	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	43711	4.924	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	571	0.096	ug/L #	21
12) 1,1-Dichloroethene	2.587	96	1889	0.334	ug/L #	1
19) 1,1-Dichloroethane	3.877	63	6190	0.601	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	41734	6.453	ug/L	99
27) 1,2-Dichloroethane	5.735	62	764	0.106	ug/L #	73
34) Trichloroethene	6.542	95	3820	0.544	ug/L	92
35) Methylcyclohexane	6.693	83	11450	0.974	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	5265	0.794	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1001	0.097	ug/L #	21
45) 1,1,2-Trichloroethane	8.555	97	1022	0.181	ug/L #	1
47) Tetrachloroethene	8.555	164	115317	20.194	ug/L	97
49) Dibromochloromethane	8.555	129	115475	17.345	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5943	1.482	ug/L #	66

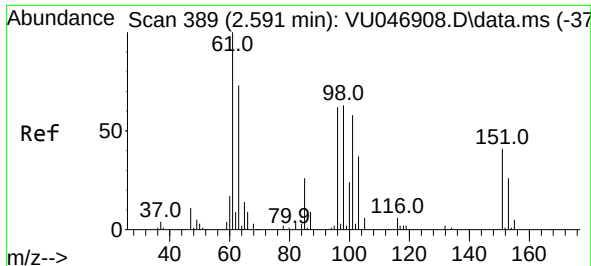
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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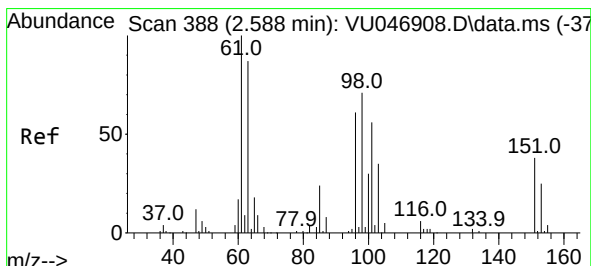
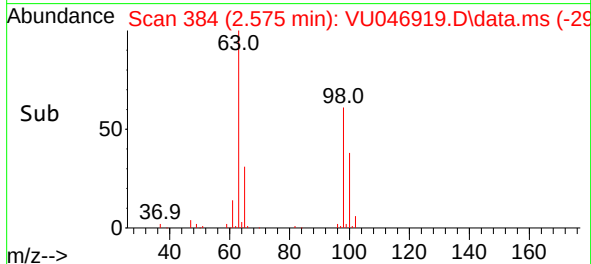
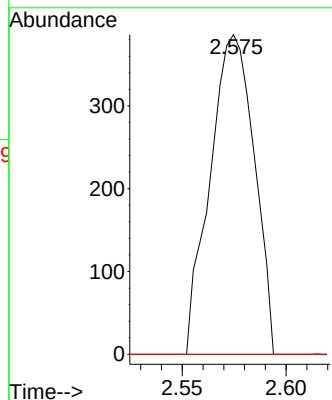
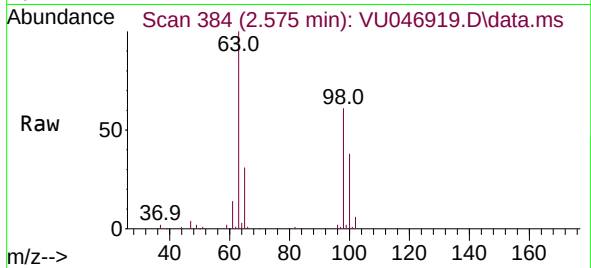




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.096 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.016 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

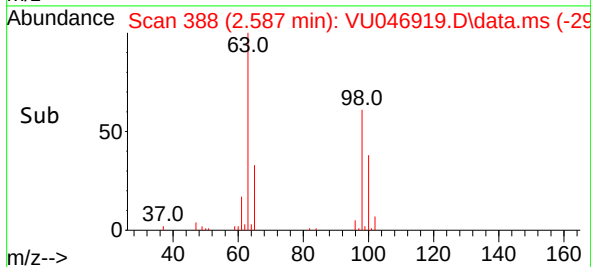
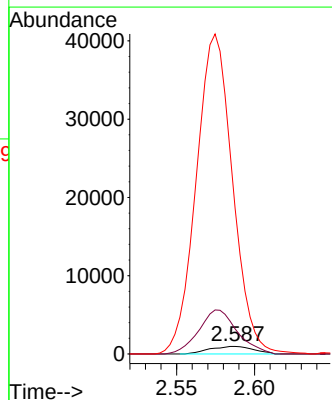
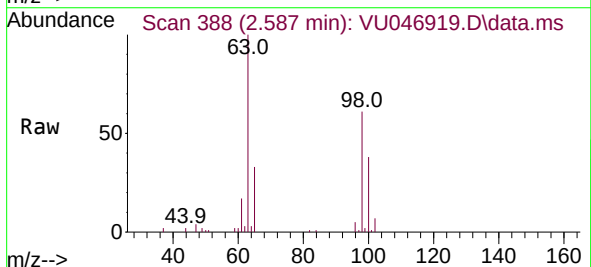
Instrument :
MSVOA_U
ClientSampleId :

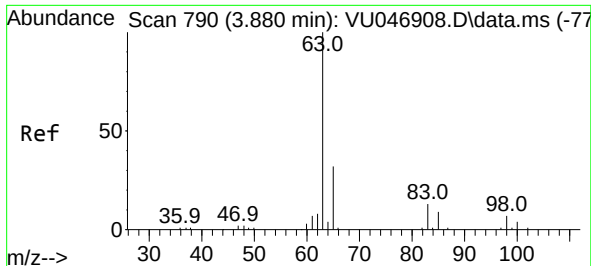
Tgt Ion:101 Resp: 571
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#12
1,1-Dichloroethene
Concen: 0.334 ug/L
RT: 2.587 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

Tgt Ion: 96 Resp: 1889
Ion Ratio Lower Upper
96 100
61 334.7 124.7 231.5#
63 1937.6 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.601 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046919.D

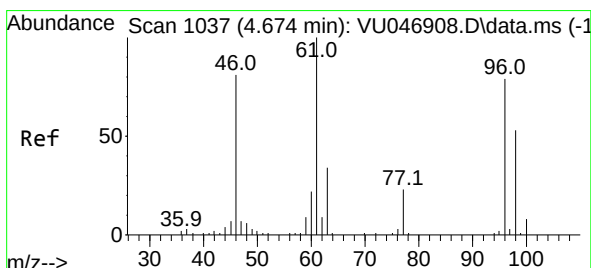
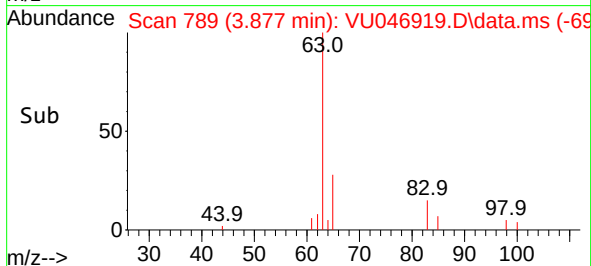
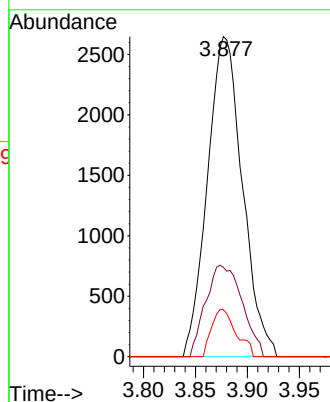
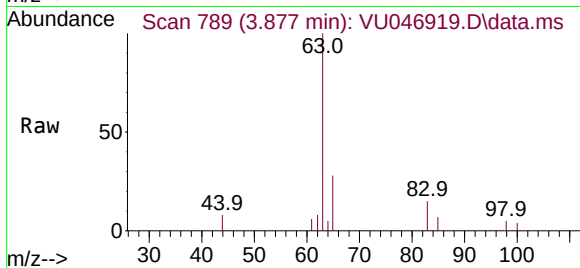
Acq: 31 Jan 2022 15:50

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 6190
Ion Ratio	Lower Upper
63	100
65	27.9 22.3 41.5
83	14.7 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 6.453 ug/L

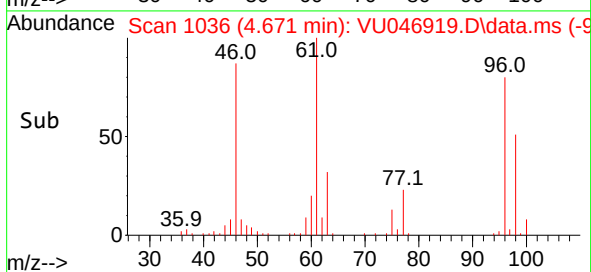
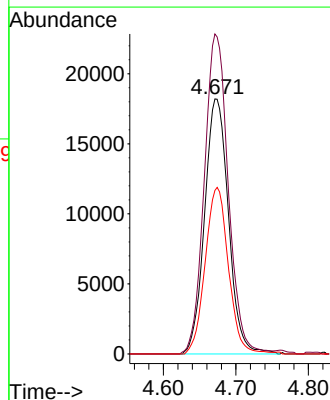
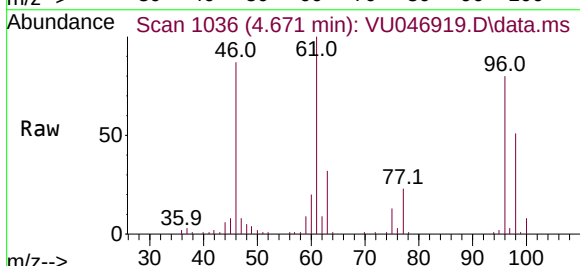
RT: 4.671 min Scan# 1036

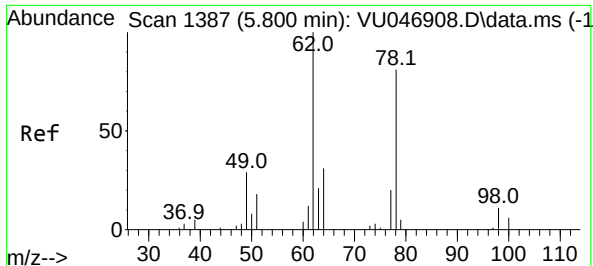
Delta R.T. -0.003 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

Tgt Ion: 96	Resp: 41734
Ion Ratio	Lower Upper
96	100
61	125.4 88.5 164.3
98	64.1 44.4 82.5

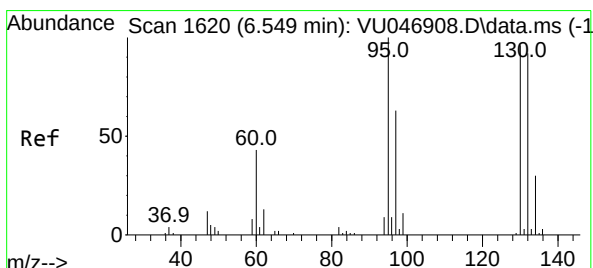
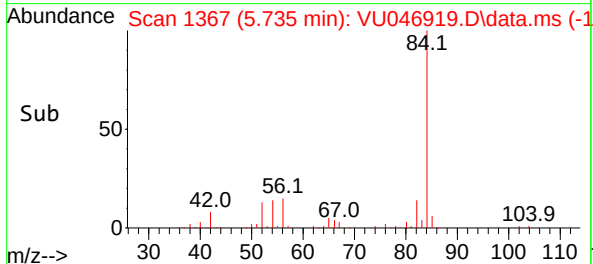
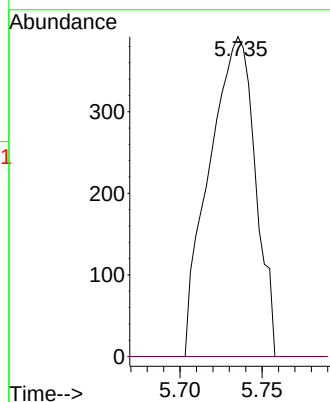
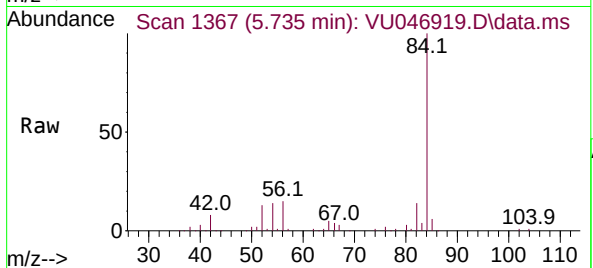




#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.735 min Scan# 11
Delta R.T. -0.064 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

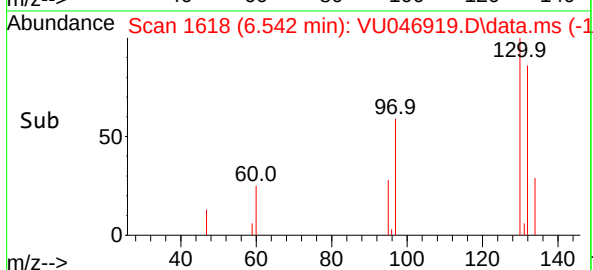
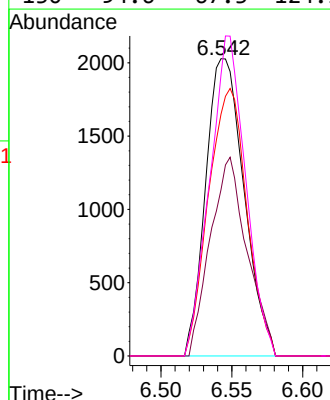
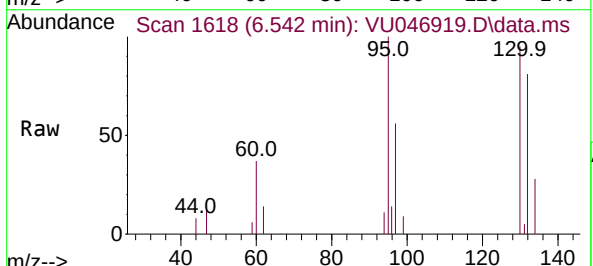
Instrument :
MSVOA_U
ClientSampleId :

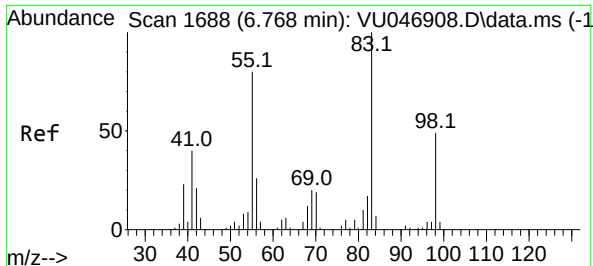
Tgt Ion: 62 Resp: 764
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#34
Trichloroethene
Concen: 0.544 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.007 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

Tgt Ion: 95 Resp: 3820
Ion Ratio Lower Upper
95 100
97 55.9 46.5 86.5
132 81.3 65.1 120.9
130 94.6 67.3 124.9

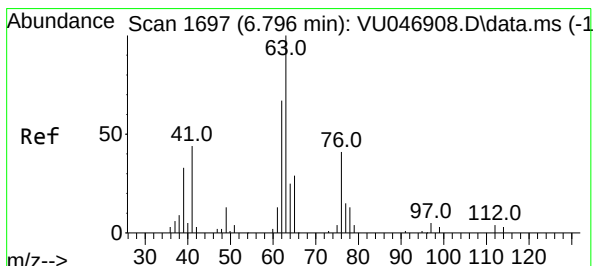
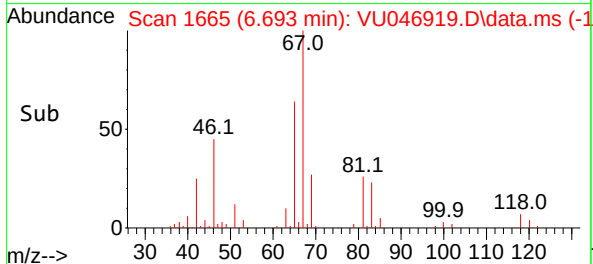
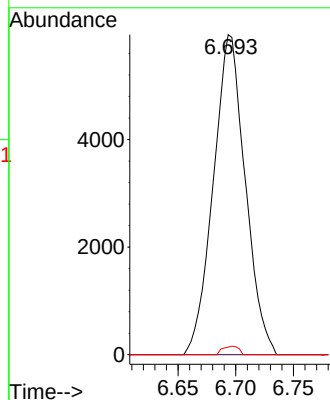
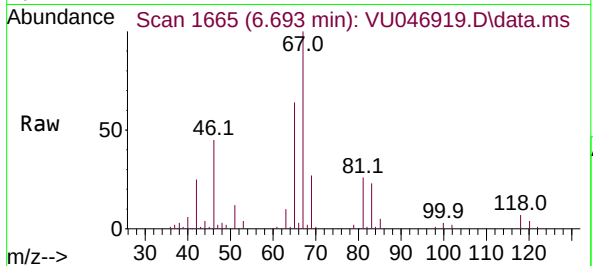




#35
Methylcyclohexane
Concen: 0.974 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

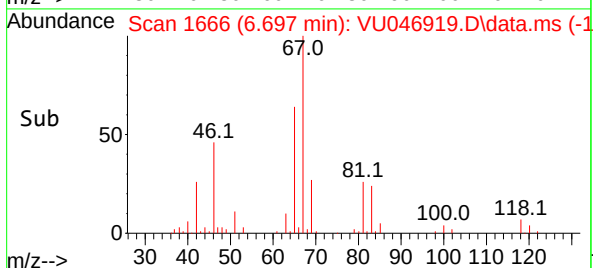
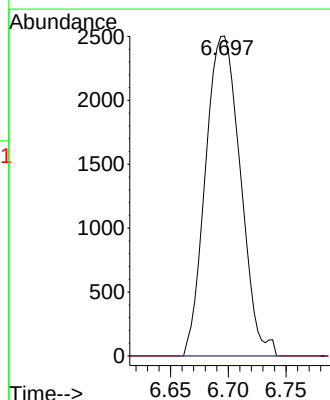
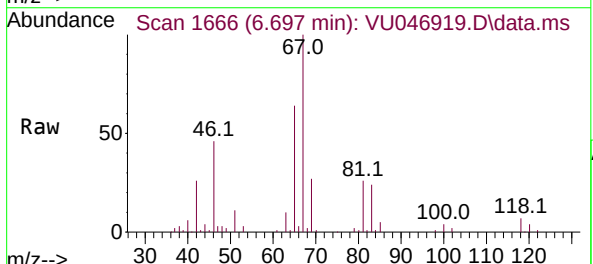
Instrument :
MSVOA_U
ClientSampleId :

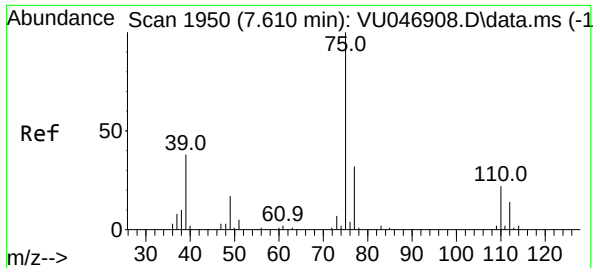
Tgt Ion: 83 Resp: 11450
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 1.3 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.794 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

Tgt Ion: 63 Resp: 5265
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

Instrument :

MSVOA_U

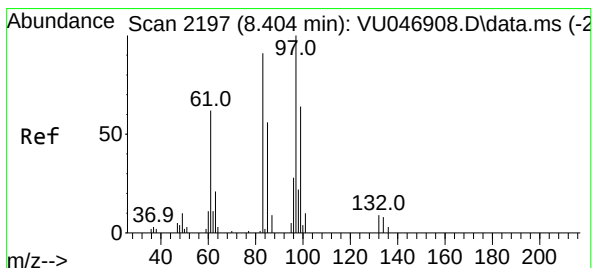
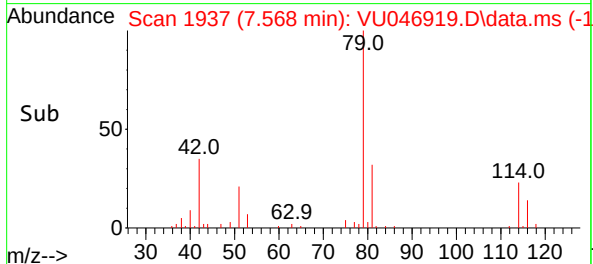
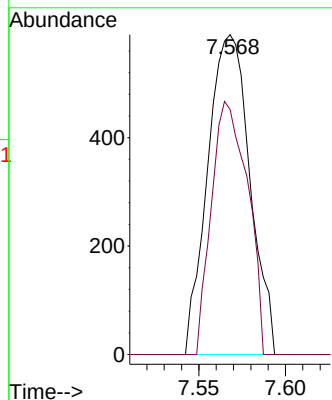
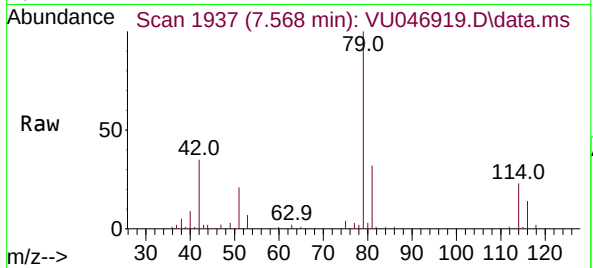
ClientSampleId :

Tgt Ion: 75 Resp: 1001

Ion Ratio Lower Upper

75 100

77 76.6 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.181 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.151 min

Lab File: VU046919.D

Acq: 31 Jan 2022 15:50

Tgt Ion: 97 Resp: 1022

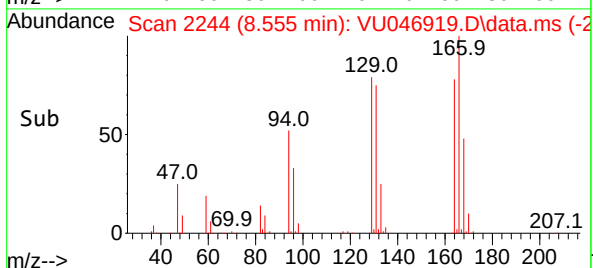
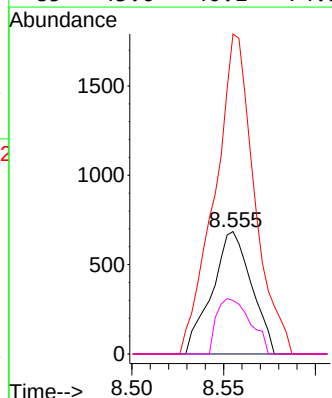
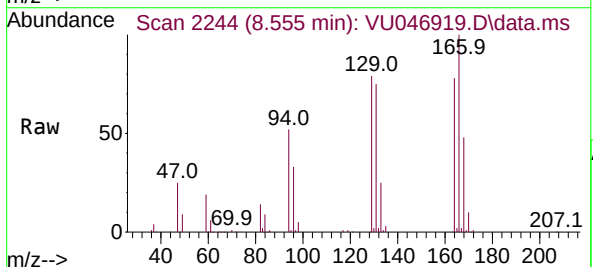
Ion Ratio Lower Upper

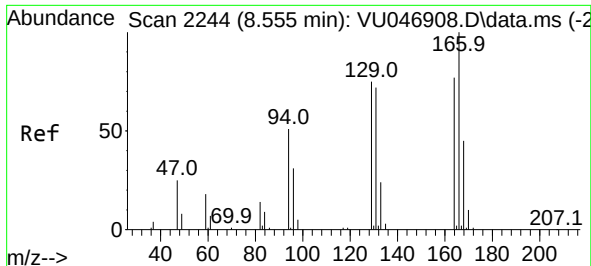
97 100

99 0.0 42.3 78.5#

83 261.5 62.0 115.2#

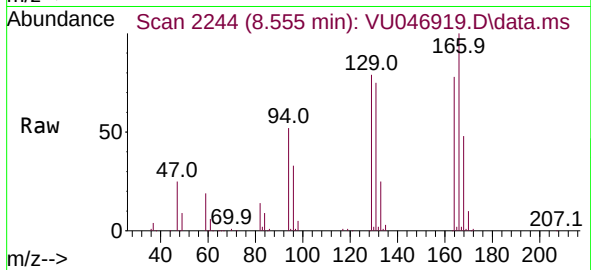
85 43.6 40.1 74.5



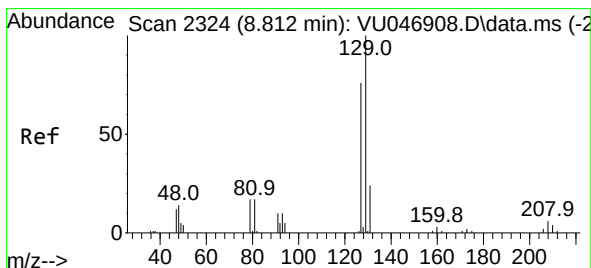
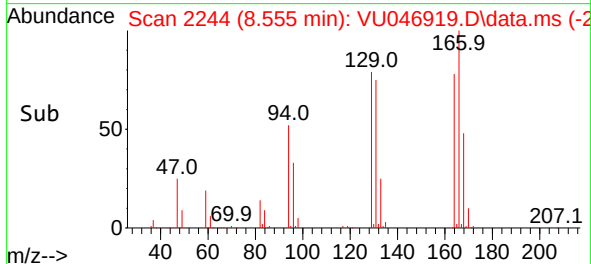
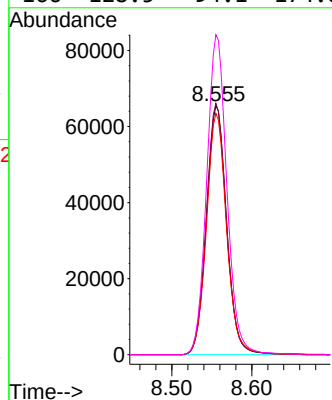


#47
Tetrachloroethene
Concen: 20.194 ug/L
RT: 8.555 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

Instrument :
MSVOA_U
ClientSampleId :

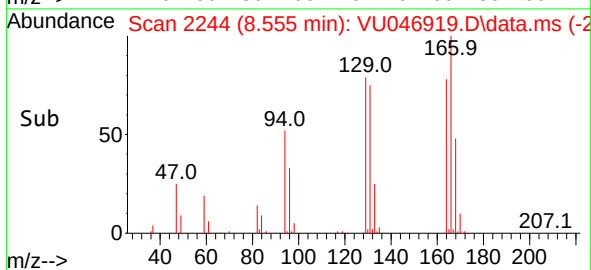
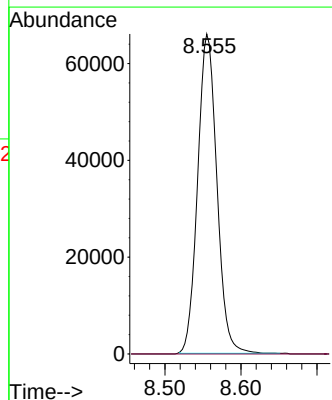
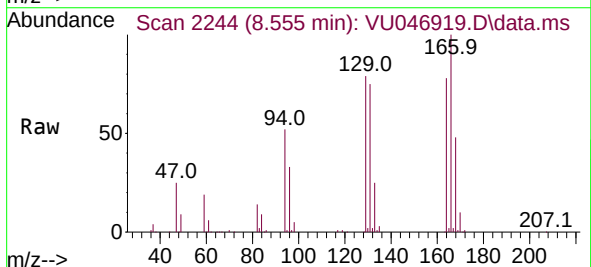


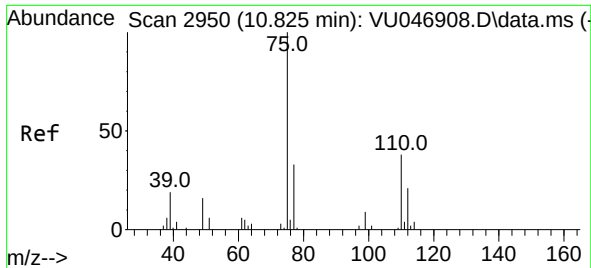
Tgt Ion:164 Resp: 115317
Ion Ratio Lower Upper
164 100
129 101.0 71.8 133.4
131 96.9 68.5 127.3
166 128.5 94.1 174.8



#49
Dibromochloromethane
Concen: 17.345 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046919.D
Acq: 31 Jan 2022 15:50

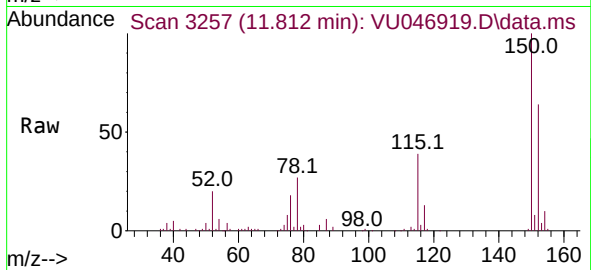
Tgt Ion:129 Resp: 115475
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.482 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046919.D
 Acq: 31 Jan 2022 15:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5943
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.9 44.9#
 77 33.0 25.5 38.3

