

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046915.D
 Acq On : 31 Jan 2022 14:12
 Operator : SY/MD
 Sample : N1328-07 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:25:57 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)

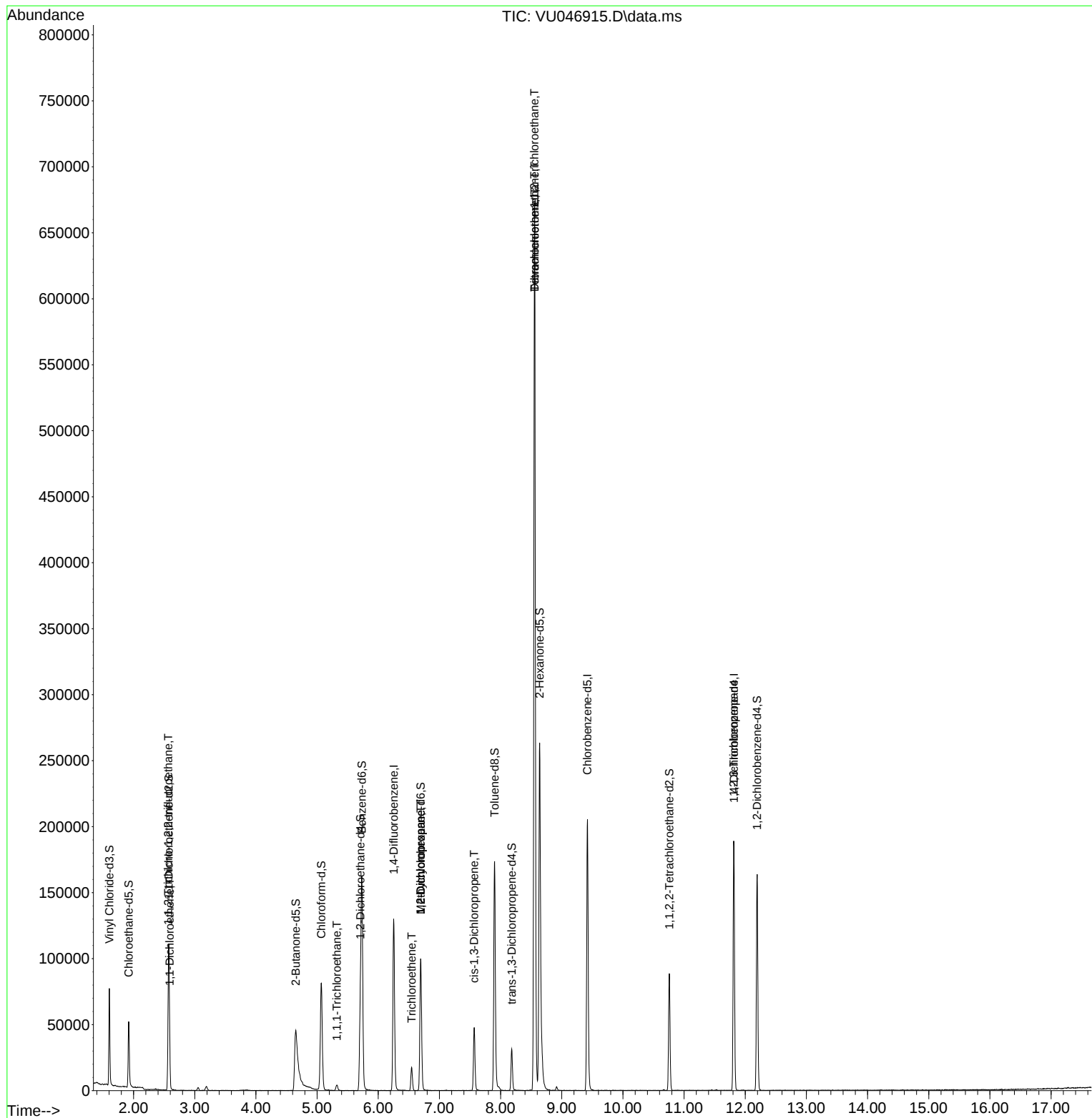
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	109040	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	120858	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	50194	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54199	5.866	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.400%	
7) Chloroethane-d5	1.919	69	40142	5.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	110.200%	
11) 1,1-Dichloroethene-d2	2.575	65	19984	5.437	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.800%	
20) 2-Butanone-d5	4.652	46	110097	40.222	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	80.440%	
24) Chloroform-d	5.070	84	78475	4.838	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.800%	
26) 1,2-Dichloroethane-d4	5.706	65	43232	4.894	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.800%	
32) Benzene-d6	5.732	84	155899	4.389	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.693	67	49031	4.597	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.000%	
41) Toluene-d8	7.902	98	123268	3.791	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.800%	
43) trans-1,3-Dichloroprop...	8.182	79	19216	4.103	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.000%	
46) 2-Hexanone-d5	8.639	63	111711	40.281	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.560%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	44505	4.156	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.200%	
66) 1,2-Dichlorobenzene-d4	12.195	152	43105	4.579	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.600%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	500	0.078	ug/L #	21
12) 1,1-Dichloroethene	2.591	96	3891	0.639	ug/L #	1
29) 1,1,1-Trichloroethane	5.324	97	3311	0.304	ug/L	97
34) Trichloroethene	6.546	95	6077	0.823	ug/L	90
35) Methylcyclohexane	6.693	83	11774	0.951	ug/L #	19
37) 1,2-Dichloropropane	6.693	63	4838	0.693	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1141	0.105	ug/L #	75
45) 1,1,2-Trichloroethane	8.552	97	1166	0.196	ug/L #	6
47) Tetrachloroethene	8.555	164	150266	25.009	ug/L	99
49) Dibromochloromethane	8.555	129	150077	21.423	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6189	1.455	ug/L #	63

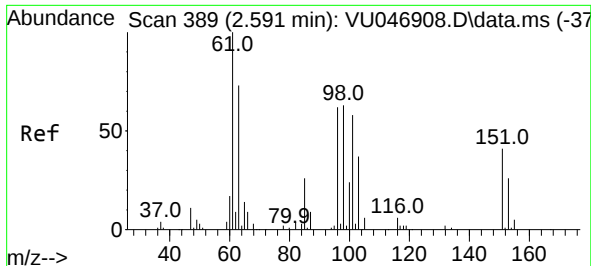
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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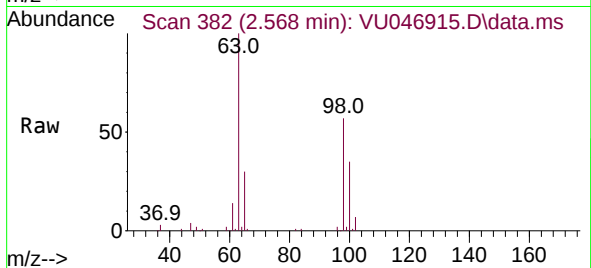
Quant Time: Feb 01 00:25:57 2022
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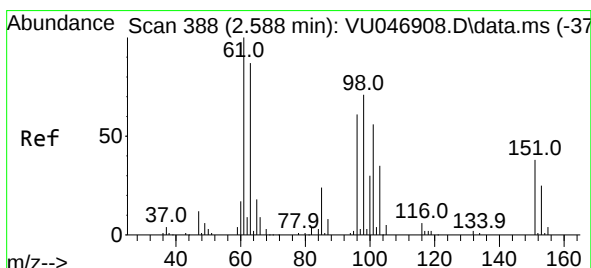
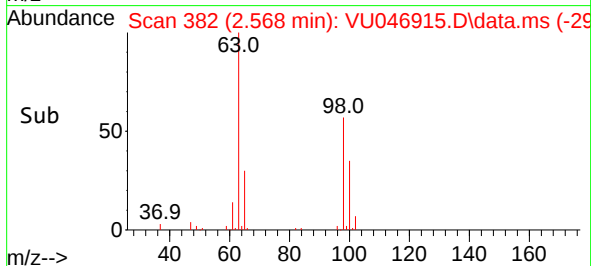
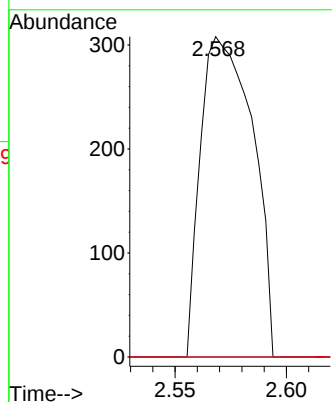


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.078 ug/L
 RT: 2.568 min Scan# 31
 Delta R.T. -0.023 min
 Lab File: VU046915.D
 Acq: 31 Jan 2022 14:12

Instrument :
 MSVOA_U
 ClientSampleId :

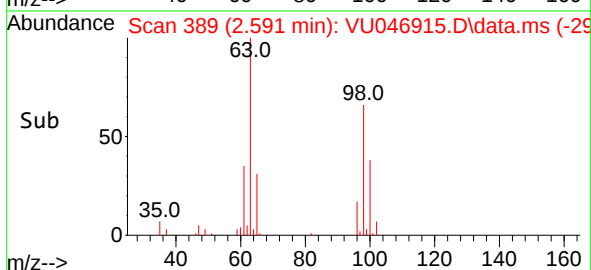
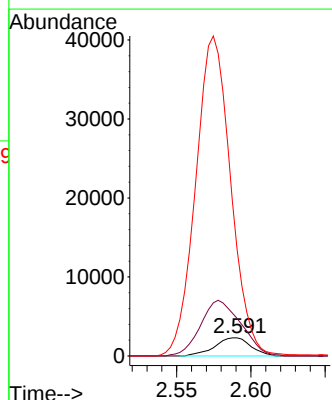
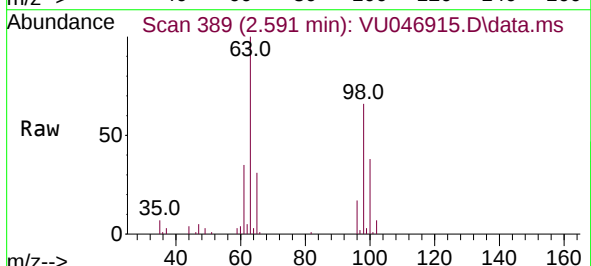


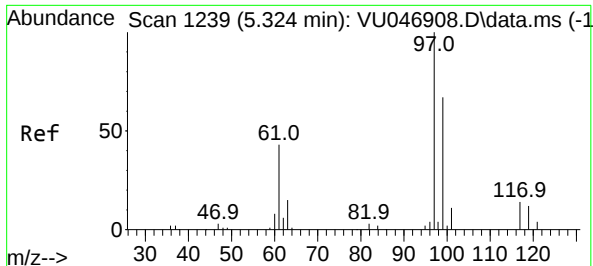
Tgt Ion:101 Resp: 500
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.639 ug/L
 RT: 2.591 min Scan# 389
 Delta R.T. 0.003 min
 Lab File: VU046915.D
 Acq: 31 Jan 2022 14:12

Tgt Ion: 96 Resp: 3891
 Ion Ratio Lower Upper
 96 100
 61 206.1 124.7 231.5
 63 583.1 105.2 195.4#





#29

1,1,1-Trichloroethane

Concen: 0.304 ug/L

RT: 5.324 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046915.D

Acq: 31 Jan 2022 14:12

Instrument :

MSVOA_U

ClientSampleId :

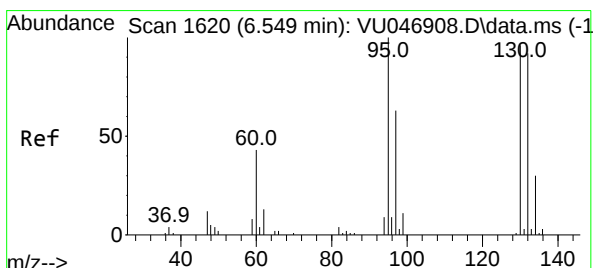
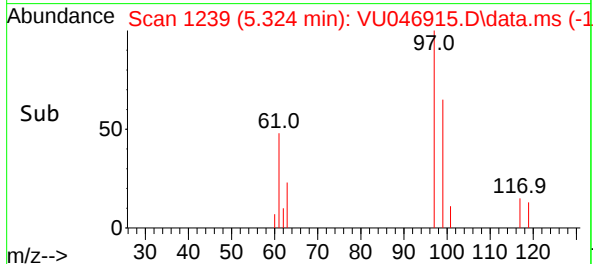
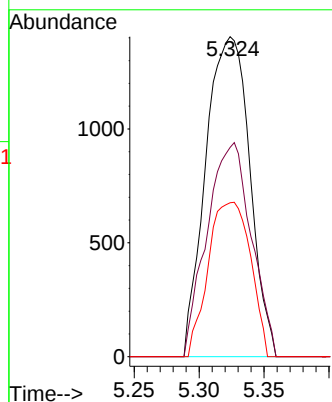
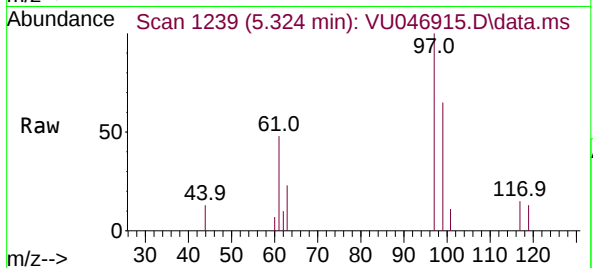
Tgt Ion: 97 Resp: 3311

Ion Ratio Lower Upper

97 100

99 67.3 51.3 76.9

61 46.4 36.1 54.1



#34

Trichloroethene

Concen: 0.823 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046915.D

Acq: 31 Jan 2022 14:12

Tgt Ion: 95 Resp: 6077

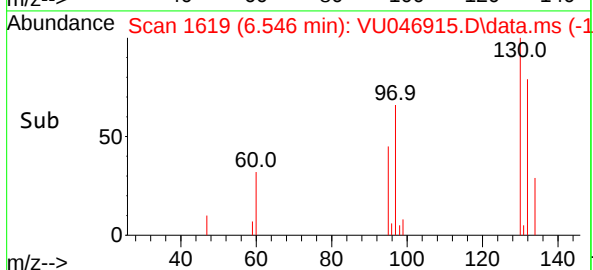
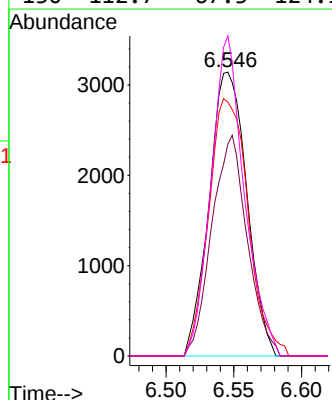
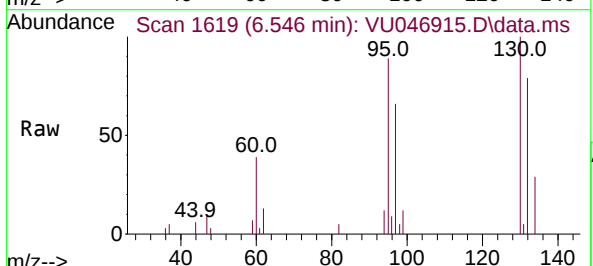
Ion Ratio Lower Upper

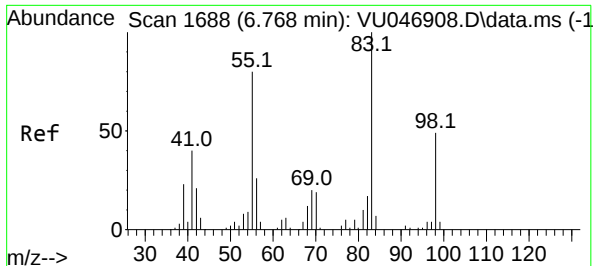
95 100

97 74.6 46.5 86.5

132 89.4 65.1 120.9

130 112.7 67.3 124.9

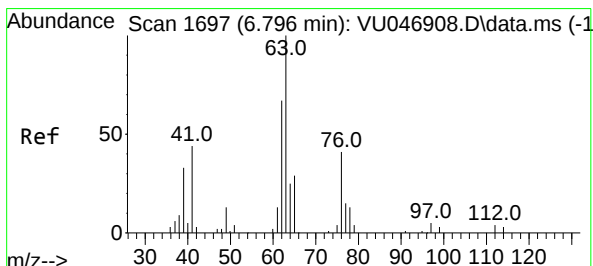
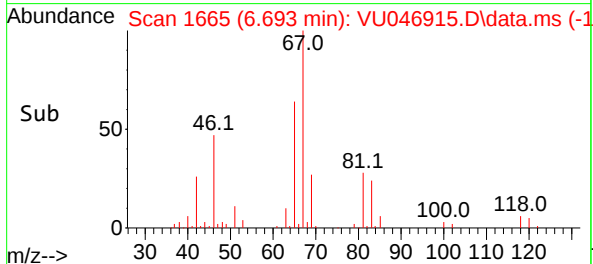
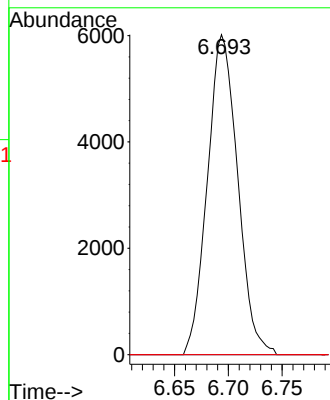
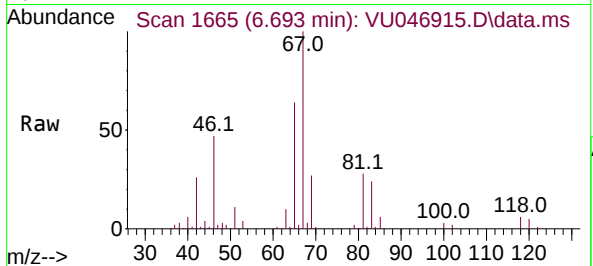




#35
Methylcyclohexane
Concen: 0.951 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046915.D
Acq: 31 Jan 2022 14:12

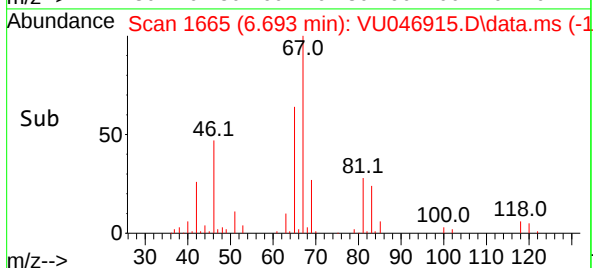
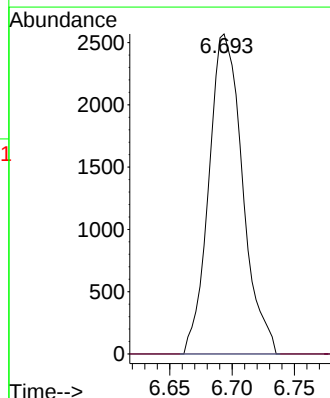
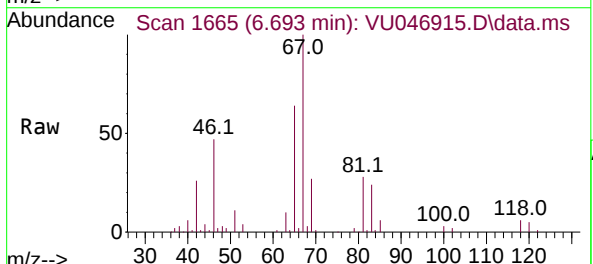
Instrument :
MSVOA_U
ClientSampleId :

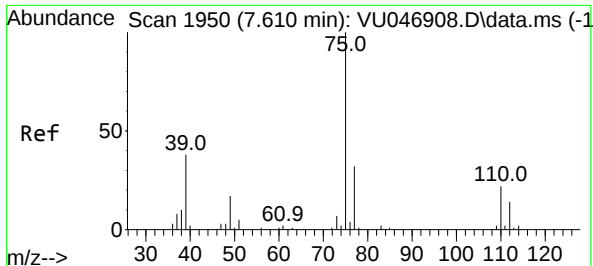
Tgt Ion: 83 Resp: 11774
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 2.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.693 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046915.D
Acq: 31 Jan 2022 14:12

Tgt Ion: 63 Resp: 4838
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# 1950

Delta R.T. -0.042 min

Lab File: VU046915.D

Acq: 31 Jan 2022 14:12

Instrument :

MSVOA_U

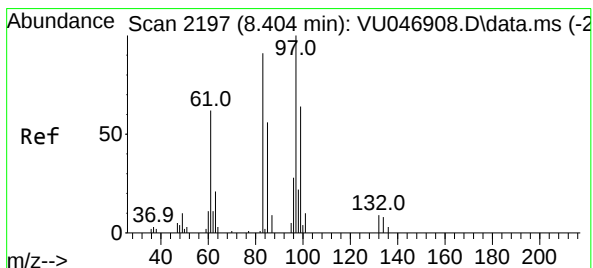
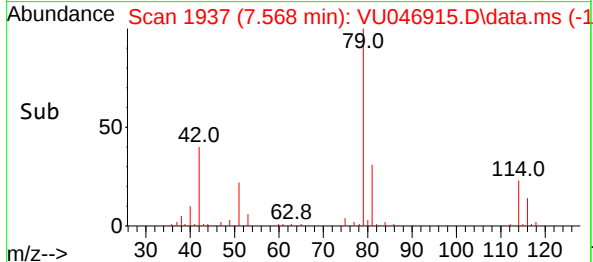
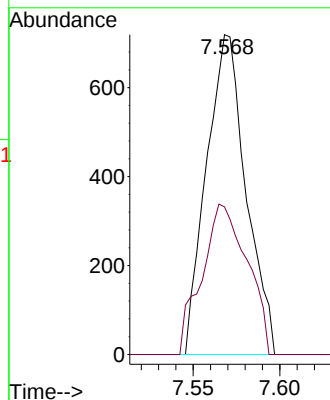
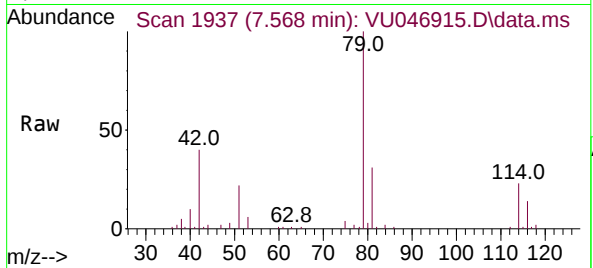
ClientSampleId :

Tgt Ion: 75 Resp: 1141

Ion Ratio Lower Upper

75 100

77 46.2 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.196 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046915.D

Acq: 31 Jan 2022 14:12

Tgt Ion: 97 Resp: 1166

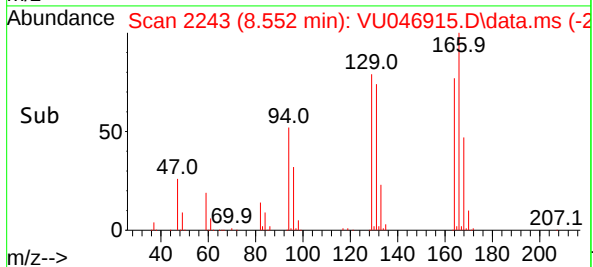
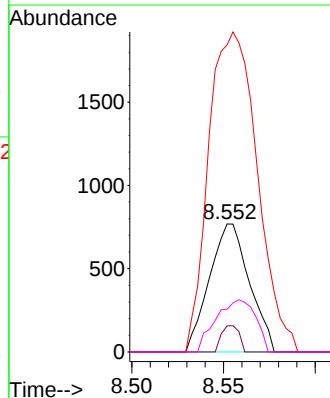
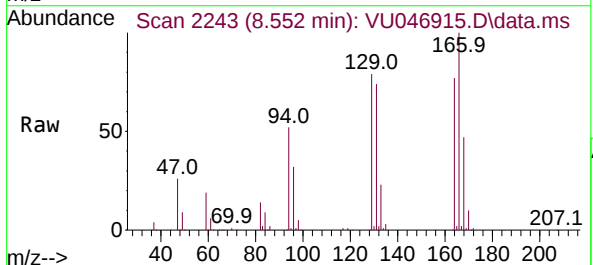
Ion Ratio Lower Upper

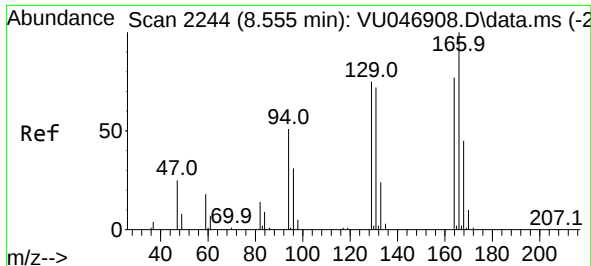
97 100

99 20.3 42.3 78.5#

83 239.8 62.0 115.2#

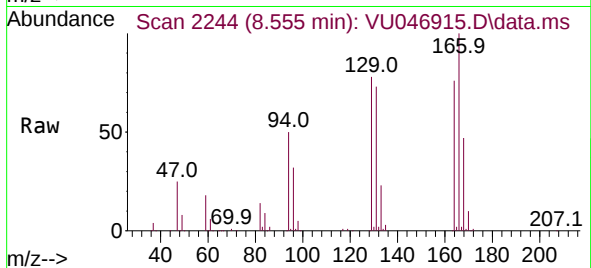
85 33.3 40.1 74.5#



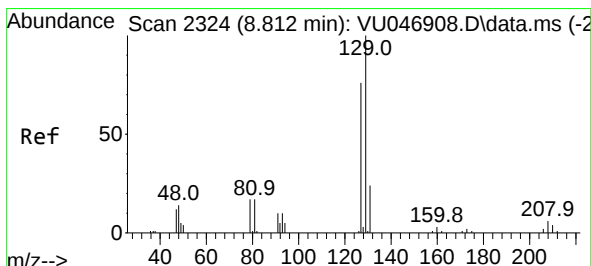
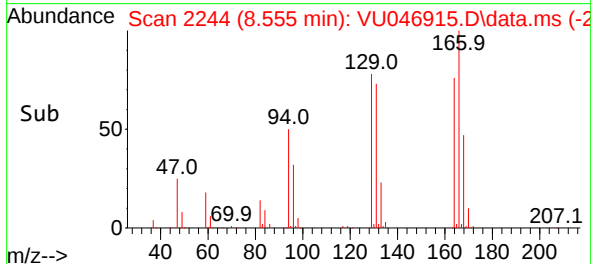
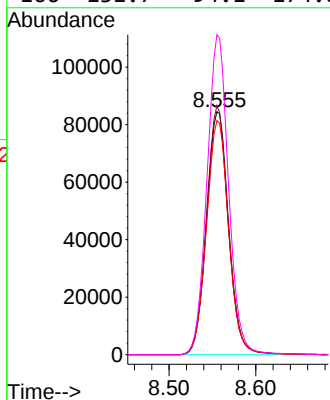


#47
Tetrachloroethene
Concen: 25.009 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046915.D
Acq: 31 Jan 2022 14:12

Instrument :
MSVOA_U
ClientSampleId :

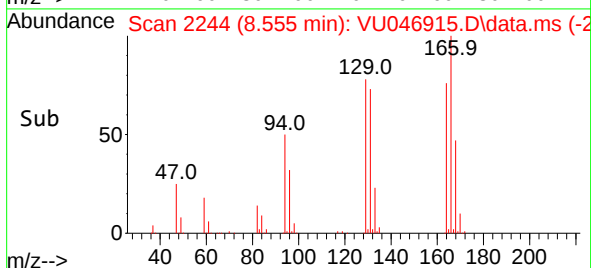
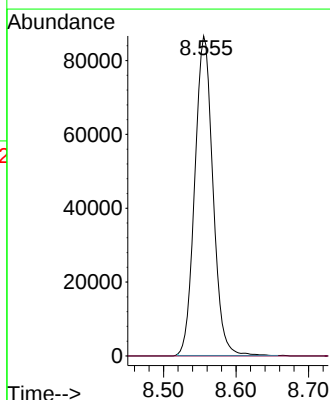
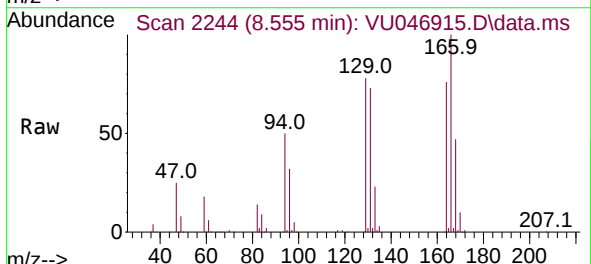


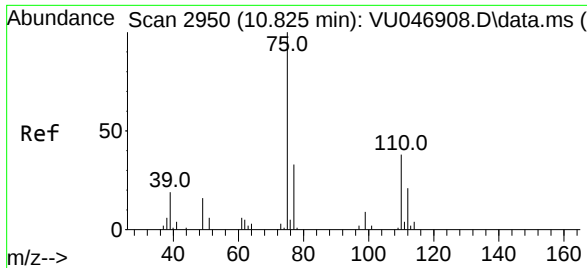
Tgt Ion:164 Resp: 150266
Ion Ratio Lower Upper
164 100
129 102.5 71.8 133.4
131 96.3 68.5 127.3
166 131.7 94.1 174.8



#49
Dibromochloromethane
Concen: 21.423 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046915.D
Acq: 31 Jan 2022 14:12

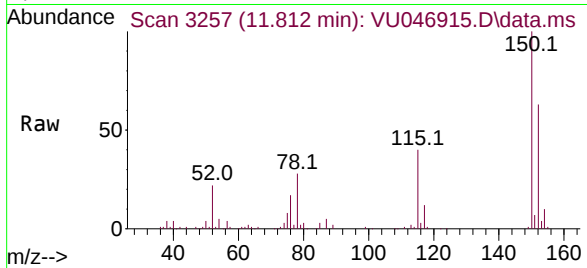
Tgt Ion:129 Resp: 150077
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.455 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046915.D
 Acq: 31 Jan 2022 14:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6189
 Ion Ratio Lower Upper
 75 100
 110 0.3 29.9 44.9#
 77 27.5 25.5 38.3

