

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046913.D
 Acq On : 31 Jan 2022 13:24
 Operator : SY/MD
 Sample : N1328-05 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:25:30 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)

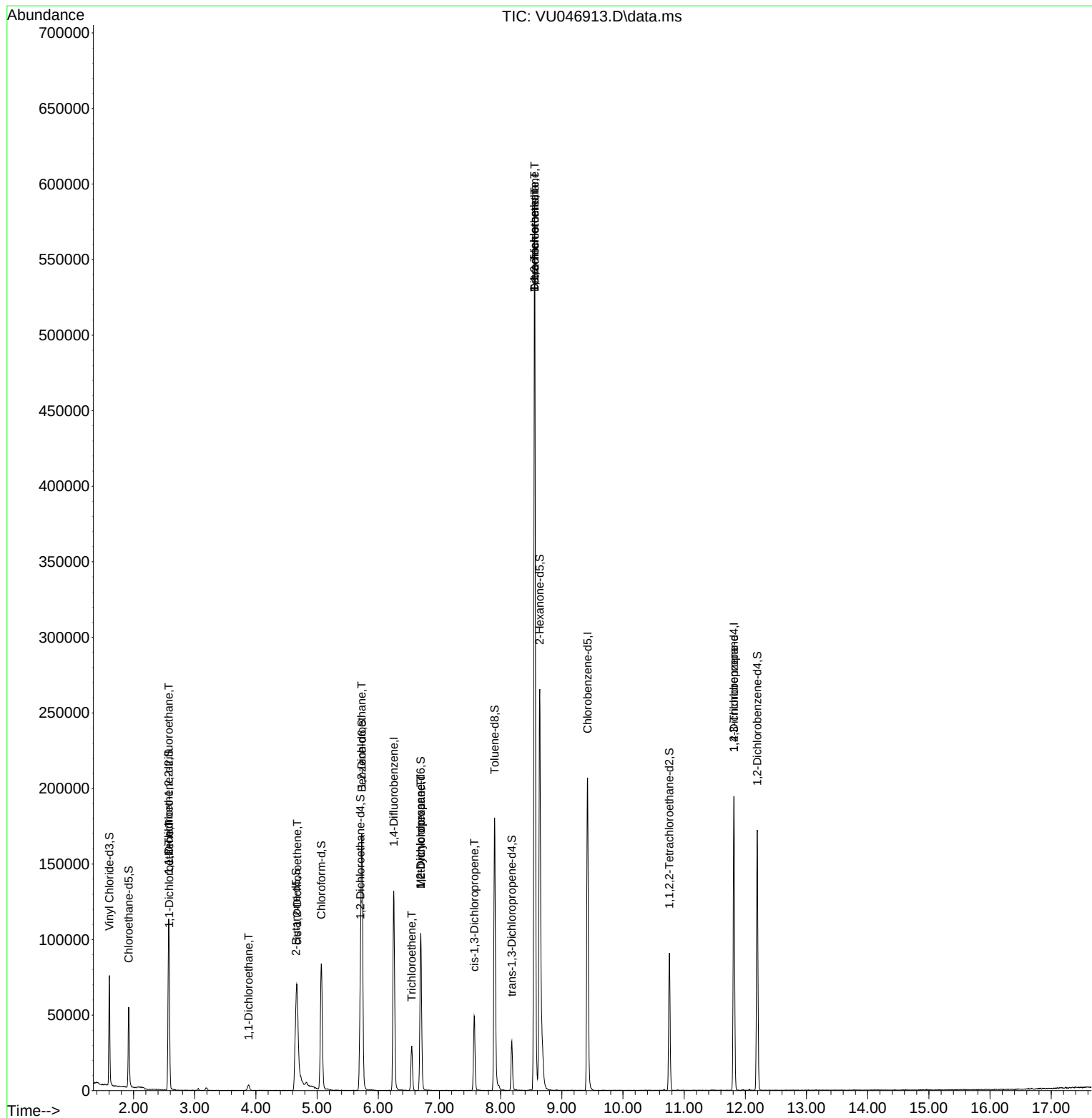
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	110806	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	124013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	51701	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54625	5.818	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.919	69	41420	5.599	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.000%
11) 1,1-Dichloroethene-d2	2.575	65	21366	5.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	4.655	46	112962	40.611	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.220%
24) Chloroform-d	5.070	84	81293	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.707	65	44848	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.732	84	165119	4.530	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	51147	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.900	98	129554	3.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.183	79	19587	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.639	63	115274	40.509	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.020%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46752	4.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	45352	4.678	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	380	0.059	ug/L #	21
12) 1,1-Dichloroethene	2.585	96	2279	0.368	ug/L #	1
19) 1,1-Dichloroethane	3.880	63	4231	0.376	ug/L	94
22) cis-1,2-Dichloroethene	4.675	96	18757	2.653	ug/L	96
27) 1,2-Dichloroethane	5.729	62	848	0.108	ug/L #	73
34) Trichloroethene	6.546	95	10023	1.322	ug/L	95
35) Methylcyclohexane	6.694	83	11956	0.942	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5119	0.715	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1136	0.102	ug/L #	80
45) 1,1,2-Trichloroethane	8.552	97	1212	0.199	ug/L #	1
47) Tetrachloroethene	8.556	164	130589	21.181	ug/L	98
49) Dibromochloromethane	8.556	129	132004	18.364	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	6578	1.502	ug/L #	66

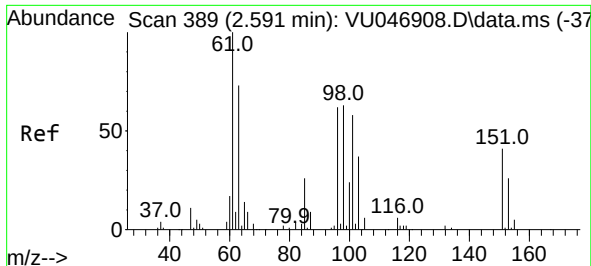
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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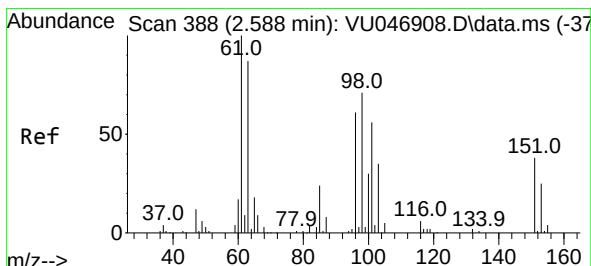
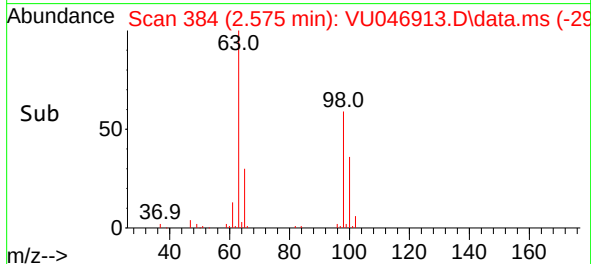
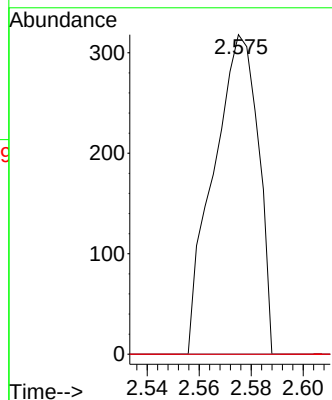
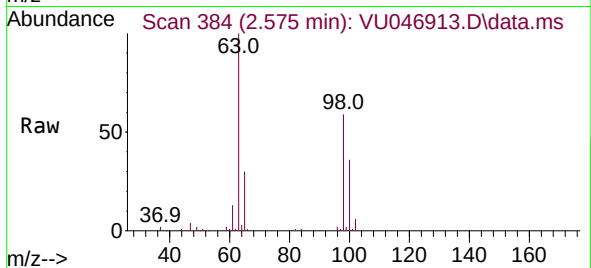




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.059 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.016 min
 Lab File: VU046913.D
 Acq: 31 Jan 2022 13:24

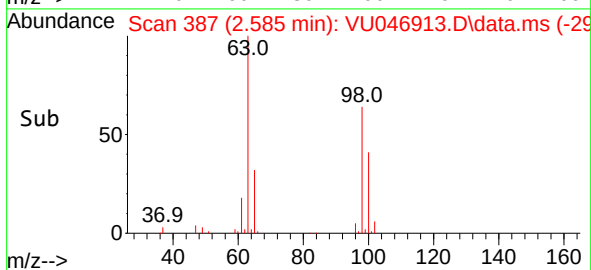
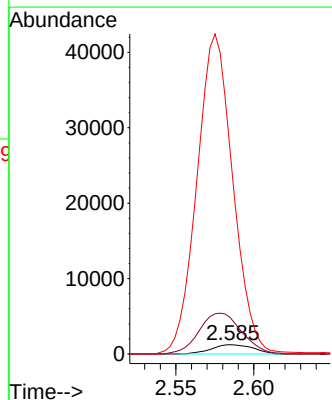
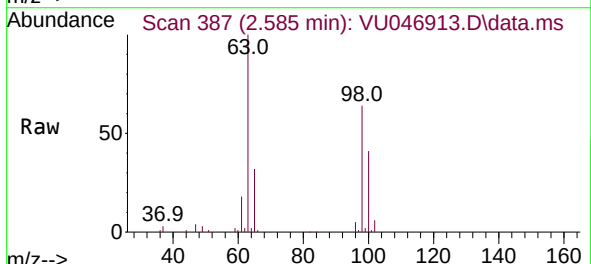
Instrument :
 MSVOA_U
 ClientSampleId :

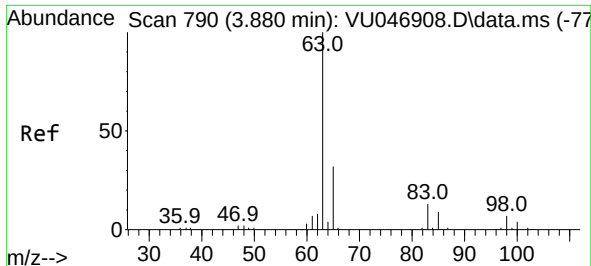
Tgt Ion:101 Resp: 380
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.368 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046913.D
 Acq: 31 Jan 2022 13:24

Tgt Ion: 96 Resp: 2279
 Ion Ratio Lower Upper
 96 100
 61 395.6 124.7 231.5#
 63 2205.4 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.376 ug/L

RT: 3.880 min Scan# 790

Delta R.T. 0.000 min

Lab File: VU046913.D

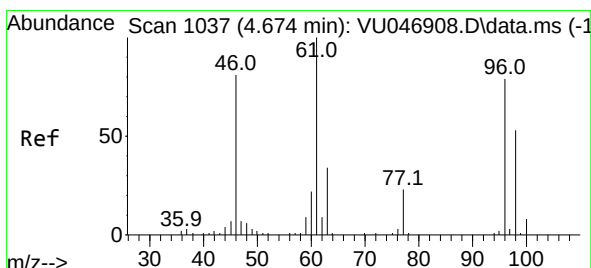
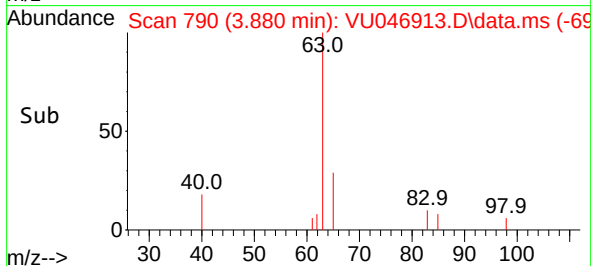
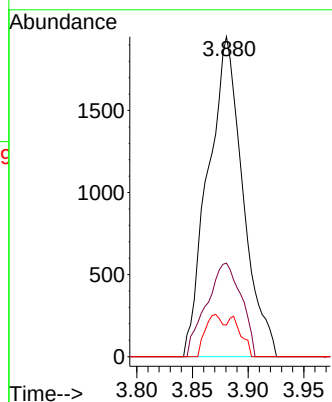
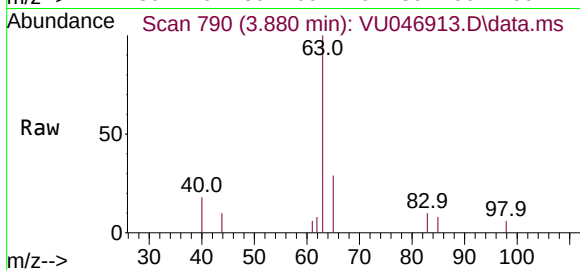
Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 4231
Ion Ratio	Lower Upper
63	100
65	29.2 22.3 41.5
83	9.9 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 2.653 ug/L

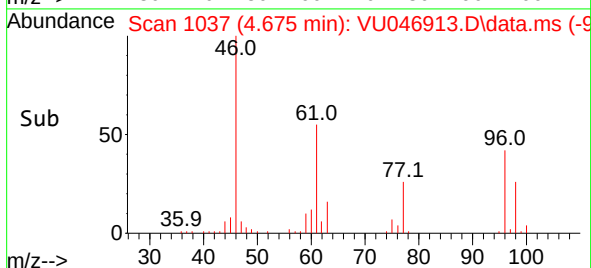
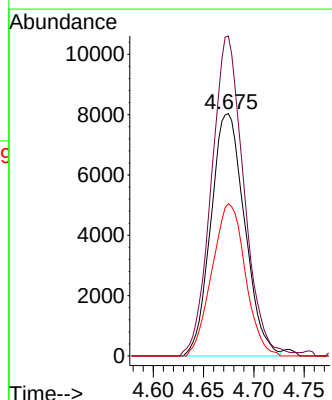
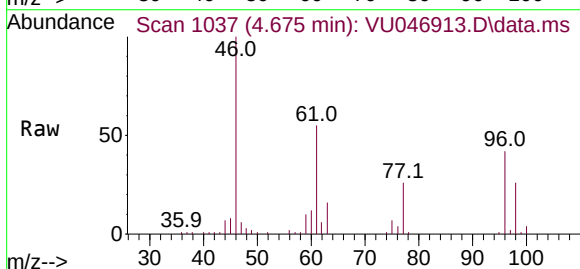
RT: 4.675 min Scan# 1037

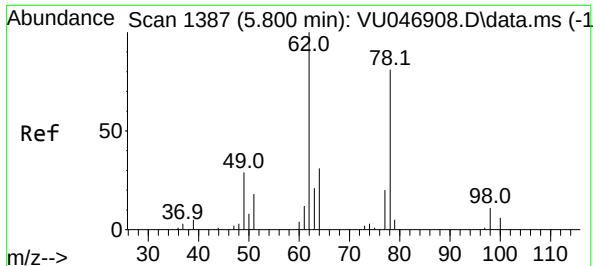
Delta R.T. 0.000 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Tgt Ion: 96	Resp: 18757
Ion Ratio	Lower Upper
96	100
61	132.0 88.5 164.3
98	62.8 44.4 82.5





#27

1,2-Dichloroethane

Concen: 0.108 ug/L

RT: 5.729 min Scan# 11

Delta R.T. -0.070 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

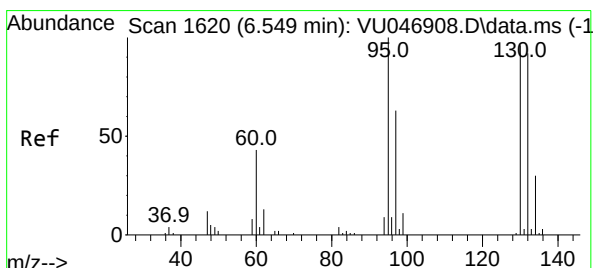
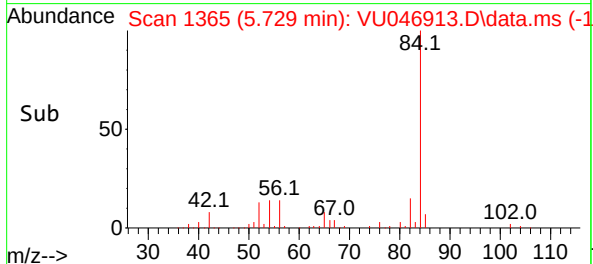
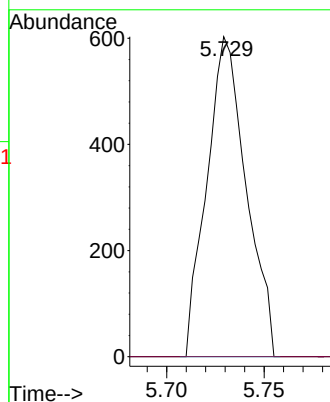
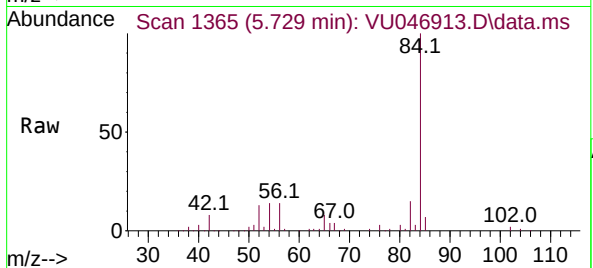
ClientSampleId :

Tgt Ion: 62 Resp: 848

Ion Ratio Lower Upper

62 100

98 0.0 7.8 11.8#



#34

Trichloroethene

Concen: 1.322 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.003 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Tgt Ion: 95 Resp: 10023

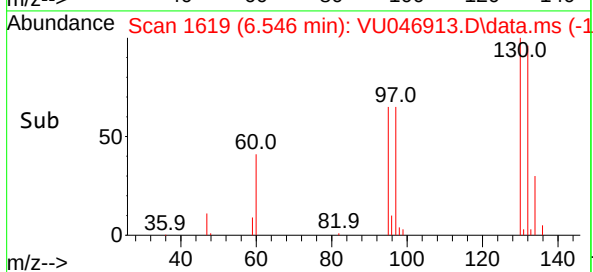
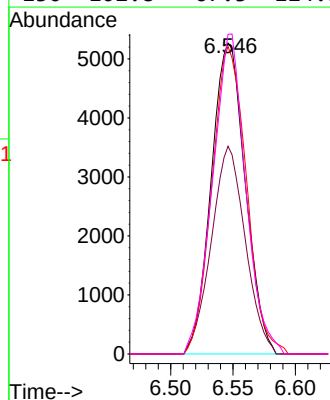
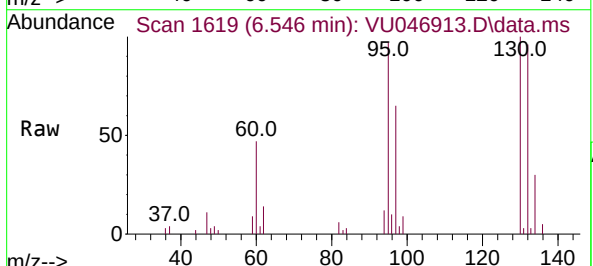
Ion Ratio Lower Upper

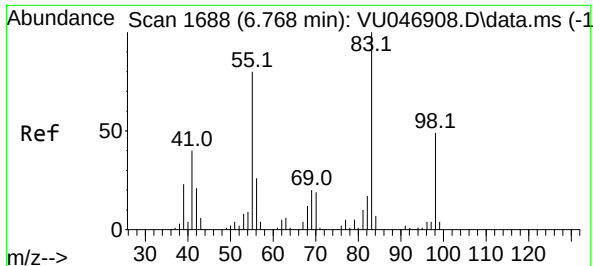
95 100

97 66.8 46.5 86.5

132 98.9 65.1 120.9

130 102.8 67.3 124.9

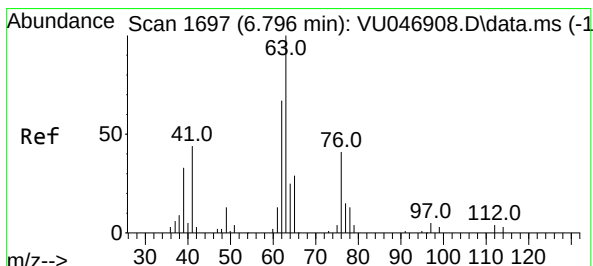
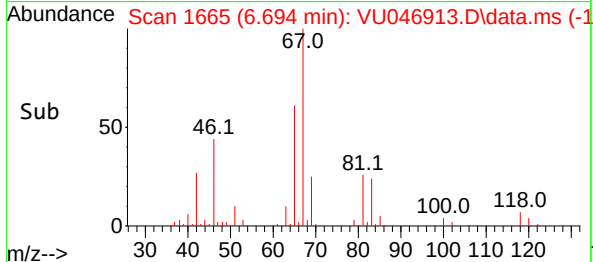
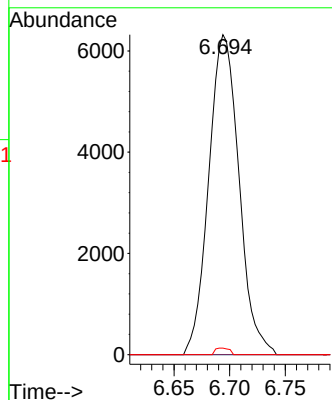
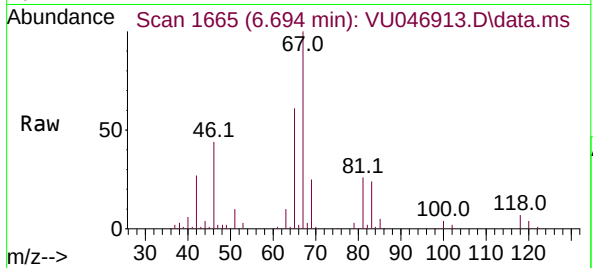




#35
Methylcyclohexane
Concen: 0.942 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046913.D
Acq: 31 Jan 2022 13:24

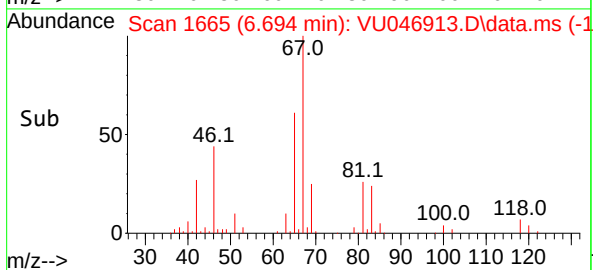
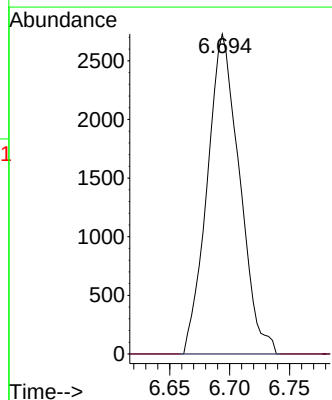
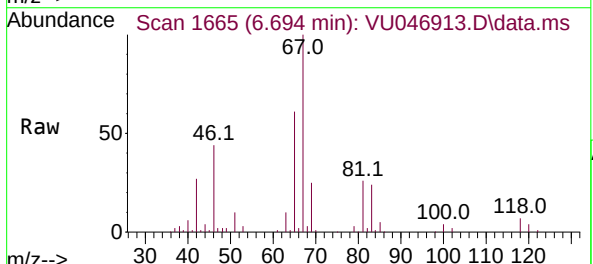
Instrument :
MSVOA_U
ClientSampleId :

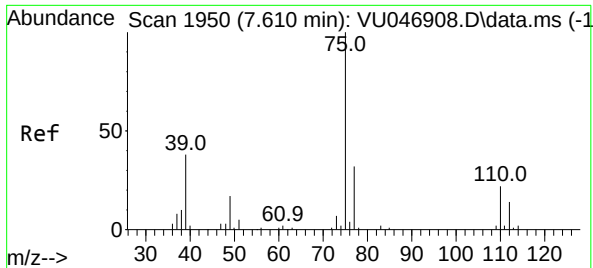
Tgt Ion: 83 Resp: 11956
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.9 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046913.D
Acq: 31 Jan 2022 13:24

Tgt Ion: 63 Resp: 5119
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 7.568 min Scan# 1136

Delta R.T. -0.041 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

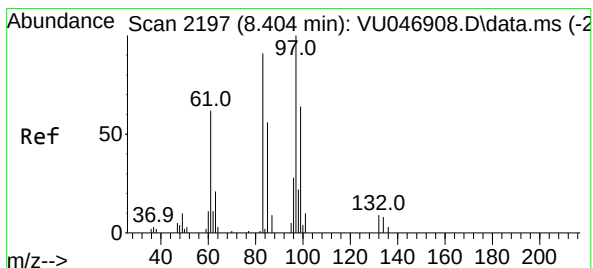
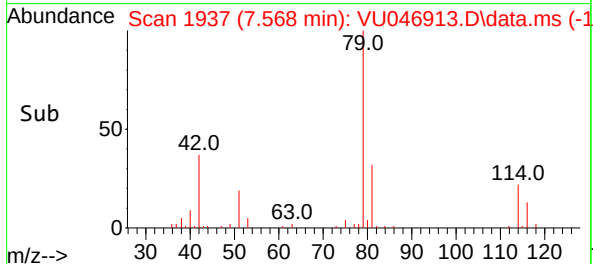
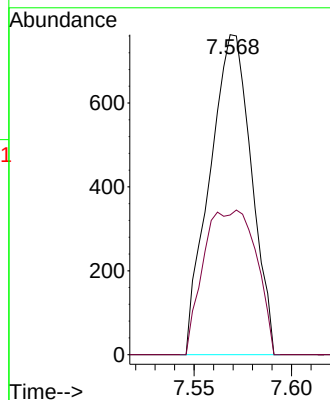
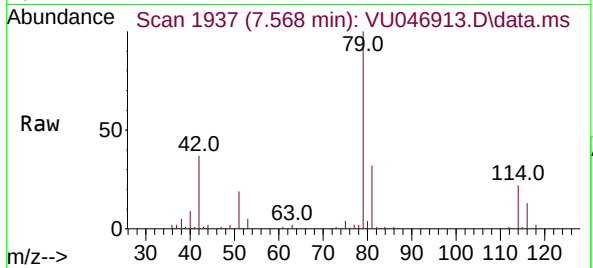
ClientSampleId :

Tgt Ion: 75 Resp: 1136

Ion Ratio Lower Upper

75 100

77 43.6 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.199 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.148 min

Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Tgt Ion: 97 Resp: 1212

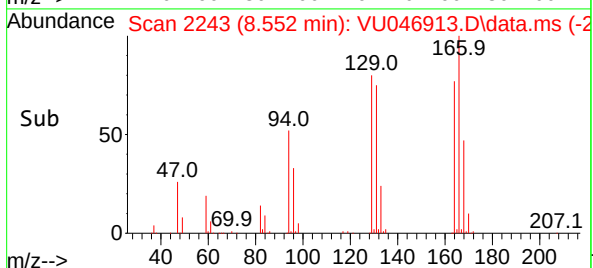
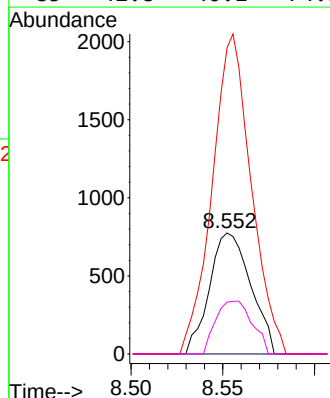
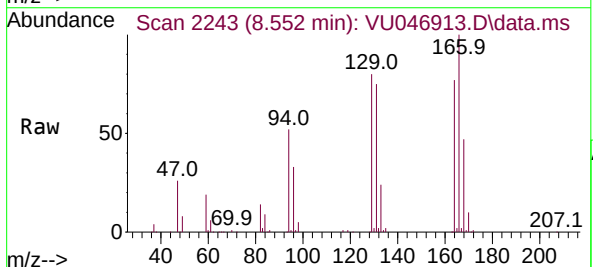
Ion Ratio Lower Upper

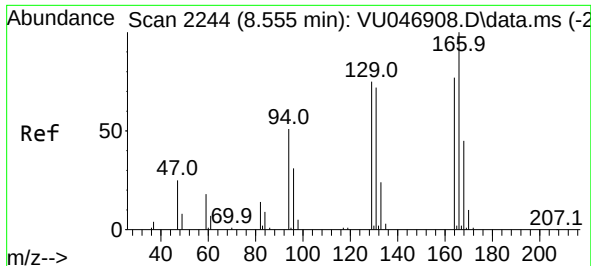
97 100

99 0.0 42.3 78.5#

83 253.0 62.0 115.2#

85 42.8 40.1 74.5





#47

Tetrachloroethene

Concen: 21.181 ug/L

RT: 8.556 min Scan# 2244

Delta R.T. 0.000 min

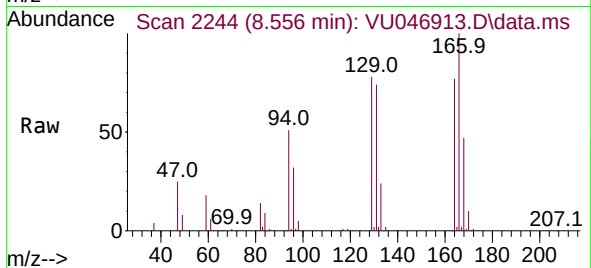
Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 130589

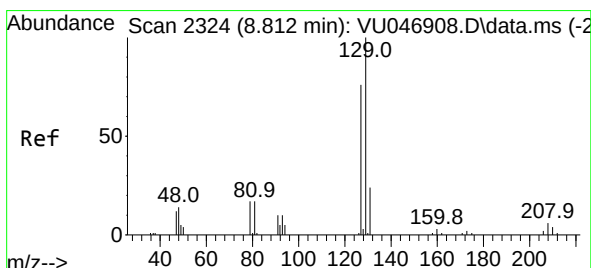
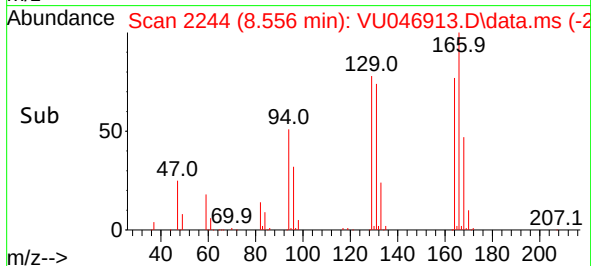
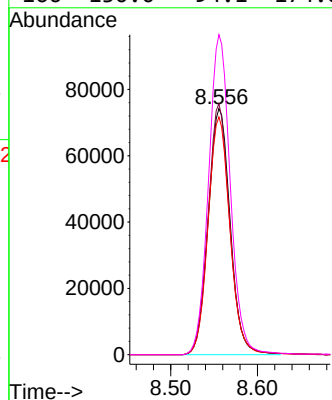
Ion Ratio Lower Upper

164 100

129 102.0 71.8 133.4

131 96.6 68.5 127.3

166 130.0 94.1 174.8



#49

Dibromochloromethane

Concen: 18.364 ug/L

RT: 8.556 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046913.D

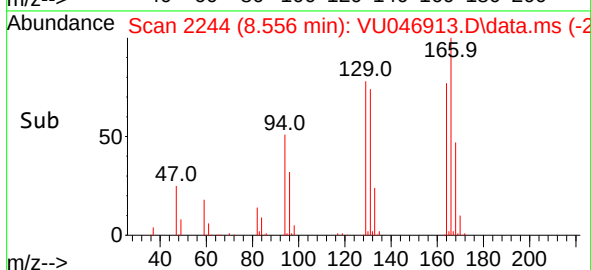
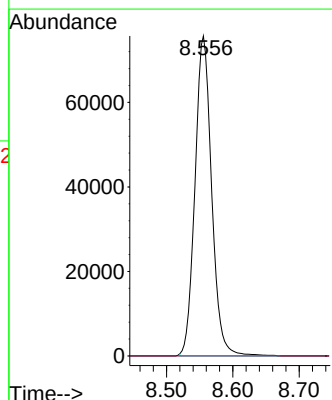
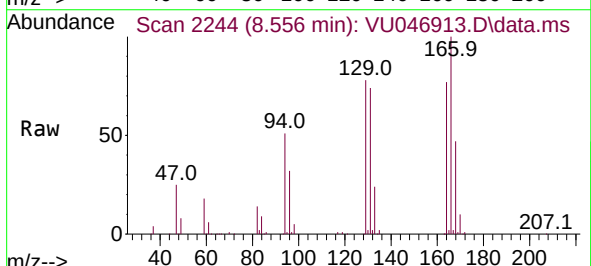
Acq: 31 Jan 2022 13:24

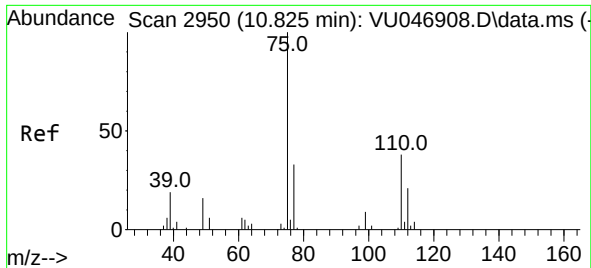
Tgt Ion:129 Resp: 132004

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.502 ug/L

RT: 11.813 min Scan# 31

Delta R.T. 0.987 min

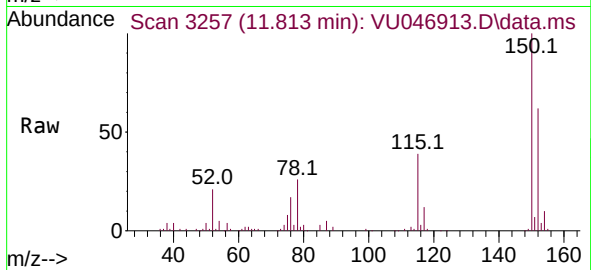
Lab File: VU046913.D

Acq: 31 Jan 2022 13:24

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	6578
Ion	Ratio	Lower	Upper
75	100		
110	0.3	29.9	44.9#
77	33.0	25.5	38.3

