

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046925.D
 Acq On : 31 Jan 2022 18:17
 Operator : SY/MD
 Sample : N1328-01DL 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:28:28 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)

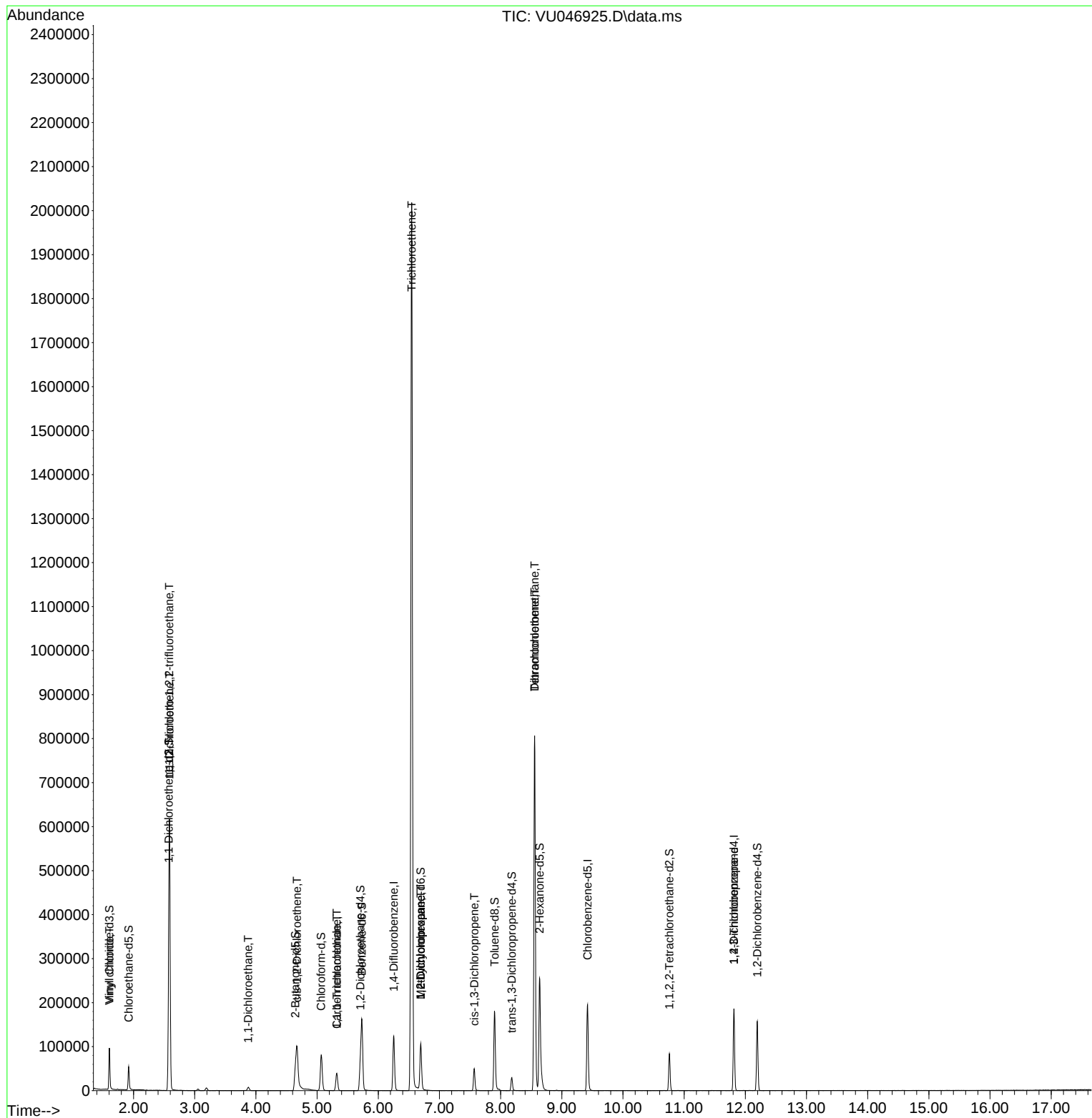
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	102233	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115260	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	48195	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52628	6.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.600%
7) Chloroethane-d5	1.919	69	40389	5.917	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.400%
11) 1,1-Dichloroethene-d2	2.575	65	20220	5.868	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.400%
20) 2-Butanone-d5	4.646	46	104826	40.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.700%
24) Chloroform-d	5.067	84	77294	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.707	65	43493	5.252	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.732	84	153996	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.694	67	50451	4.960	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.900	98	126491	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.182	79	18199	4.074	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.636	63	104479	39.503	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42865	4.198	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	41485	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	20465	2.482	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	1023	0.171	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	198900	34.843	ug/L #	62
19) 1,1-Dichloroethane	3.874	63	8814	0.849	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	36774	5.638	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	28472	2.743	ug/L	100
31) Carbon tetrachloride	5.321	117	3712	0.417	ug/L	97
34) Trichloroethene	6.546	95	701023	99.497	ug/L	99
35) Methylcyclohexane	6.694	83	12121	1.027	ug/L #	17
37) 1,2-Dichloropropane	6.694	63	5464	0.821	ug/L #	88
39) cis-1,3-Dichloropropene	7.572	75	1003	0.097	ug/L #	45
47) Tetrachloroethene	8.555	164	178920	31.224	ug/L	94
49) Dibromochloromethane	8.555	129	177685	26.596	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	6043	1.480	ug/L #	66

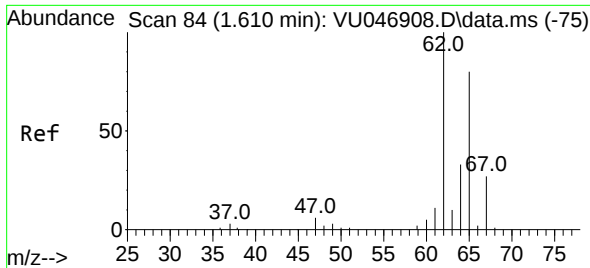
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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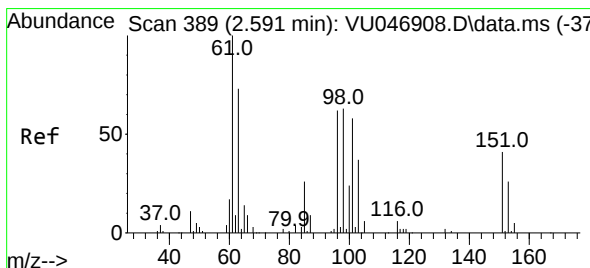
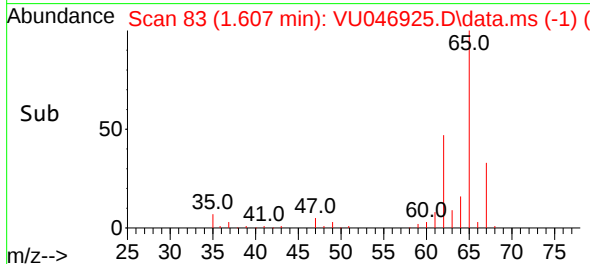
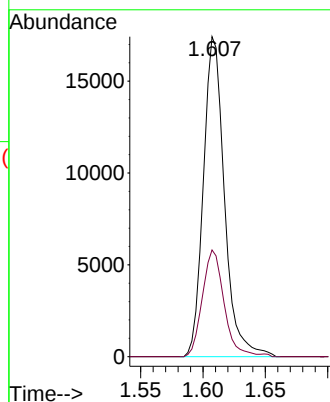
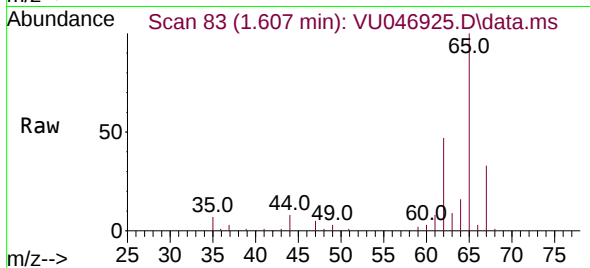




#5
 Vinyl chloride
 Concen: 2.482 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046925.D
 Acq: 31 Jan 2022 18:17

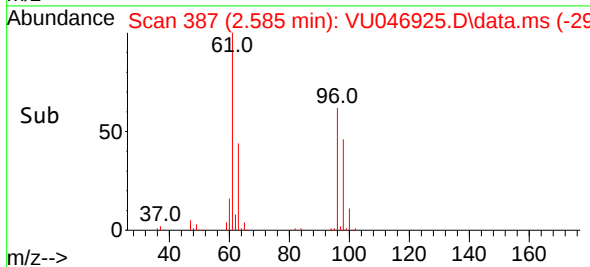
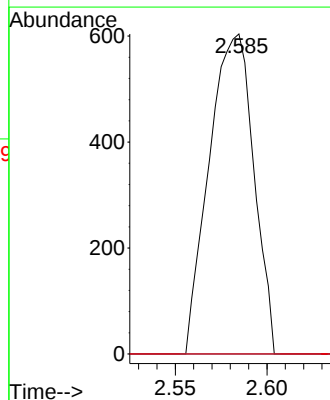
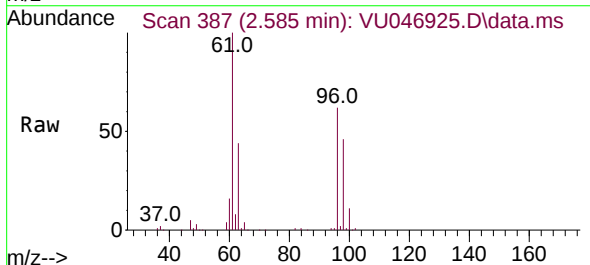
Instrument :
 MSVOA_U
 ClientSampleId :

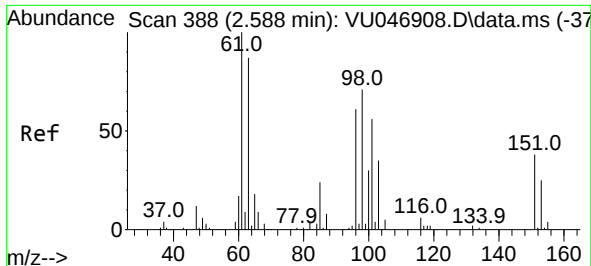
Tgt Ion: 62 Resp: 20465
 Ion Ratio Lower Upper
 62 100
 64 33.4 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.171 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU046925.D
 Acq: 31 Jan 2022 18:17

Tgt Ion: 101 Resp: 1023
 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: 34.843 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

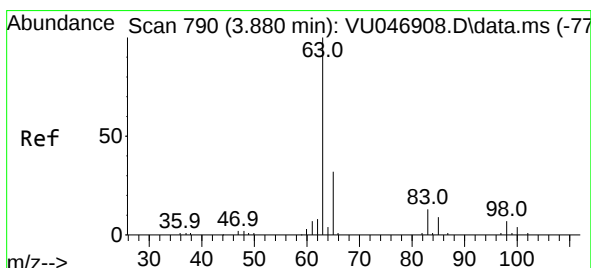
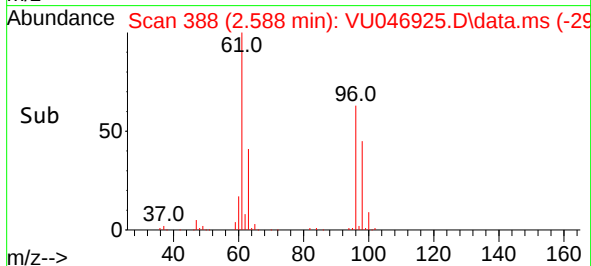
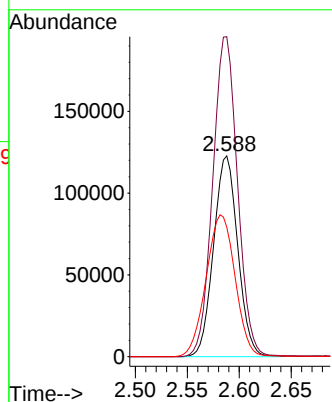
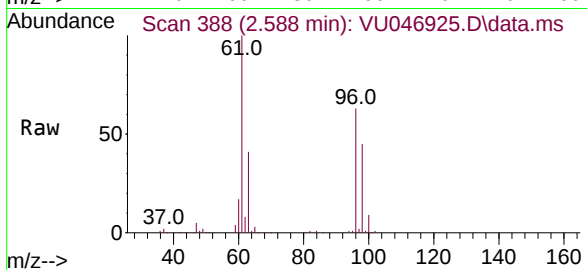
Tgt Ion: 96 Resp: 198900

Ion Ratio Lower Upper

96 100

61 159.4 124.7 231.5

63 64.6 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.849 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.006 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

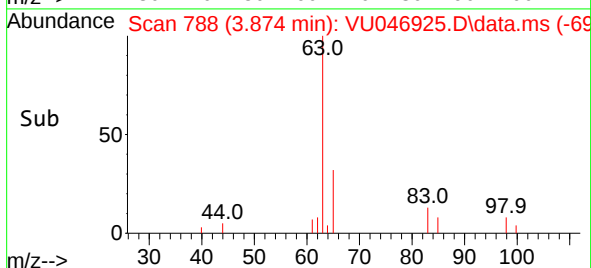
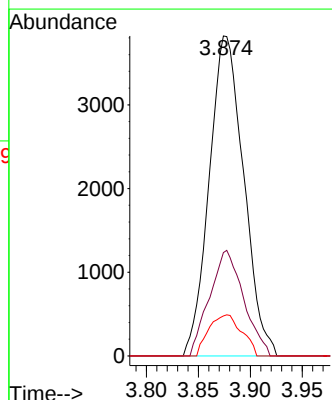
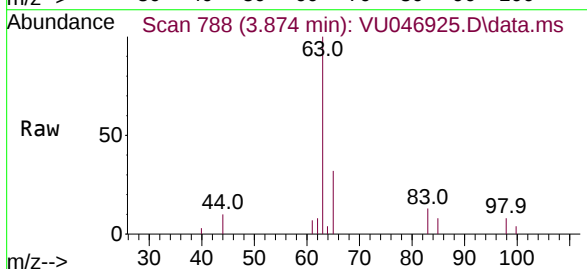
Tgt Ion: 63 Resp: 8814

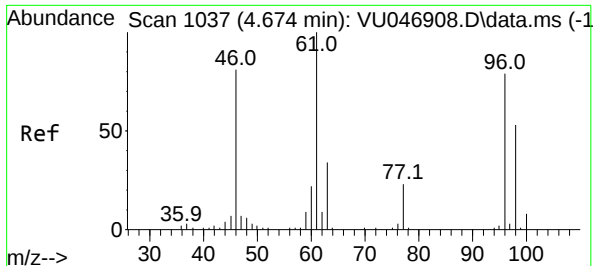
Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.5

83 12.5 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 5.638 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Instrument :

MSVOA_U

ClientSampleId :

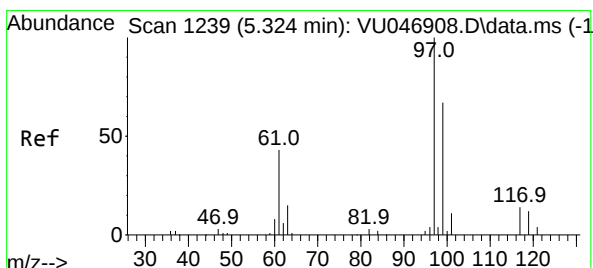
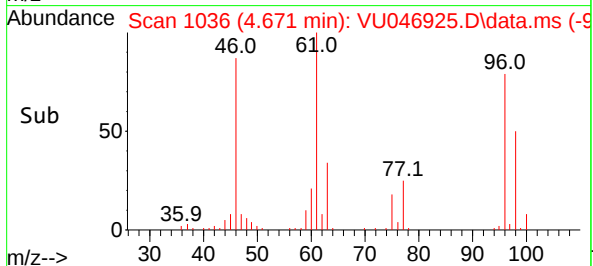
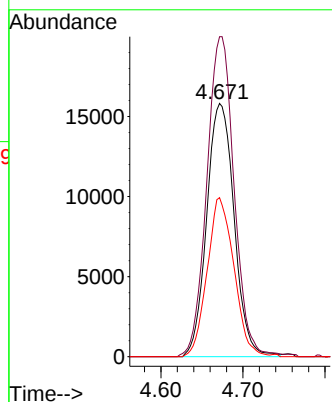
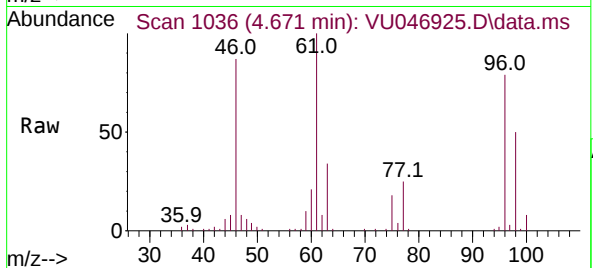
Tgt Ion: 96 Resp: 36774

Ion Ratio Lower Upper

96 100

61 126.3 88.5 164.3

98 62.8 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 2.743 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

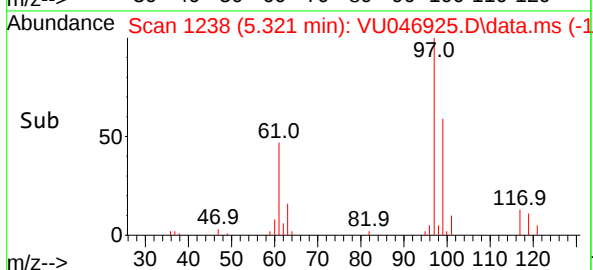
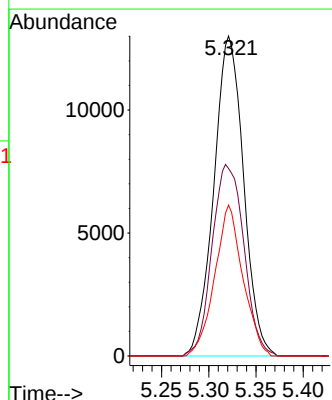
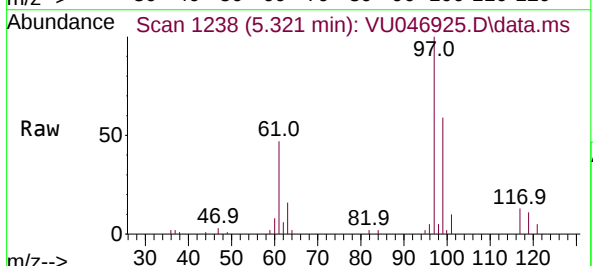
Tgt Ion: 97 Resp: 28472

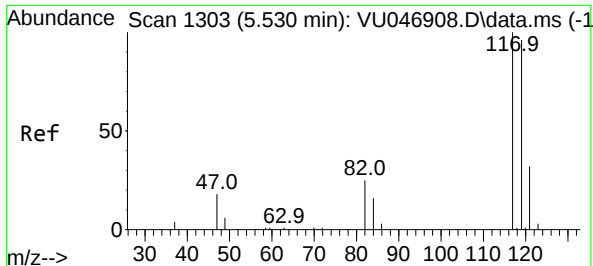
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 44.6 36.1 54.1

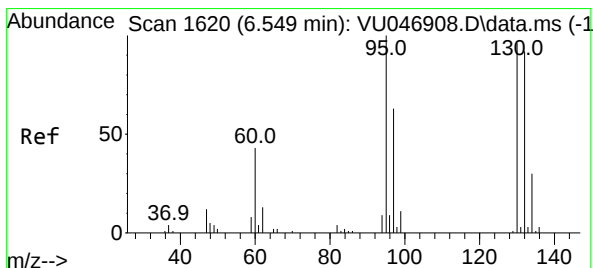
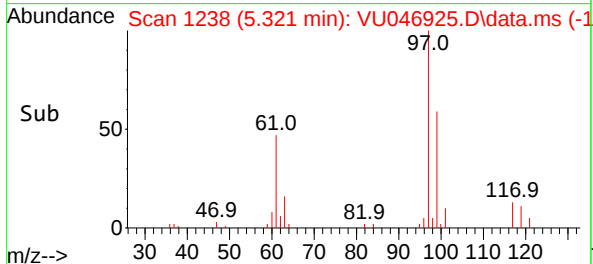
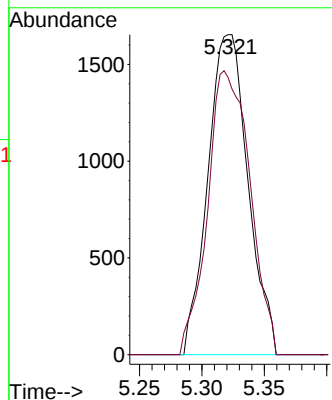
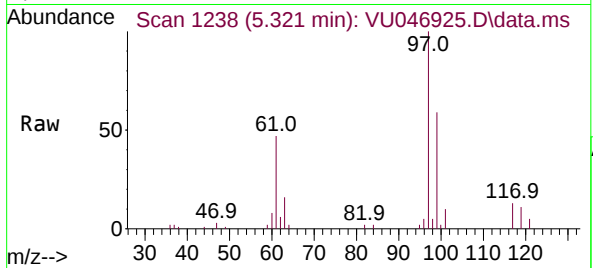




#31
Carbon tetrachloride
Concen: 0.417 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.209 min
Lab File: VU046925.D
Acq: 31 Jan 2022 18:17

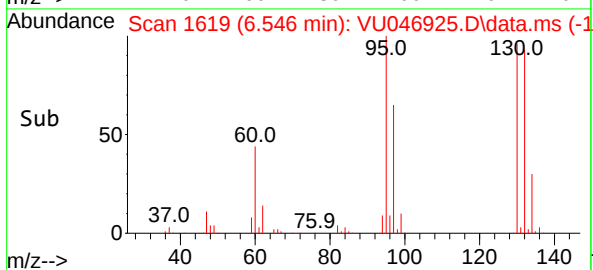
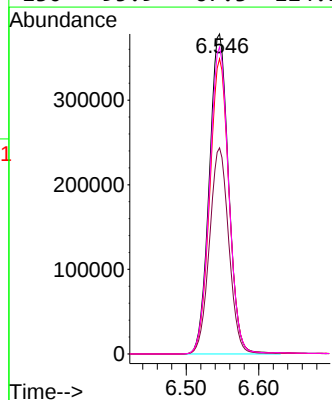
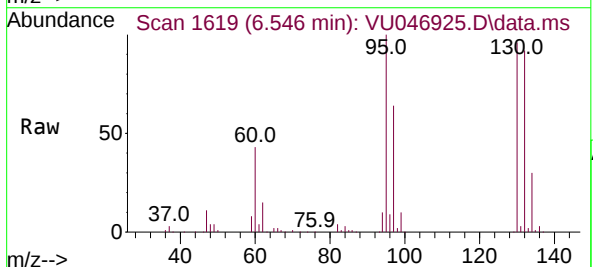
Instrument :
MSVOA_U
ClientSampleId :

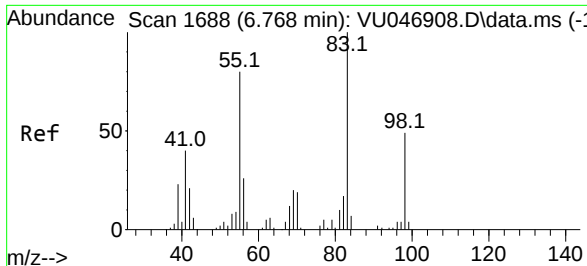
Tgt Ion:117 Resp: 3712
Ion Ratio Lower Upper
117 100
119 93.5 77.5 116.3



#34
Trichloroethene
Concen: 99.497 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046925.D
Acq: 31 Jan 2022 18:17

Tgt Ion: 95 Resp: 701023
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.5
132 92.3 65.1 120.9
130 95.9 67.3 124.9

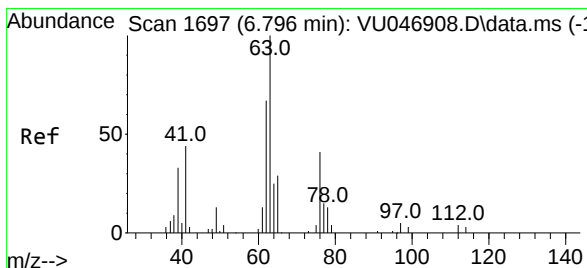
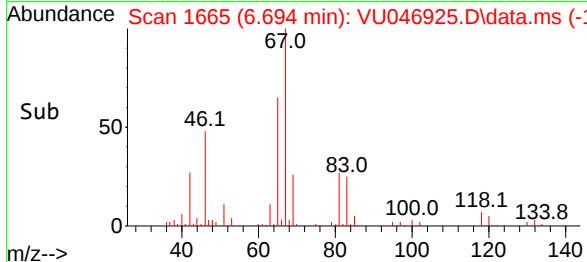
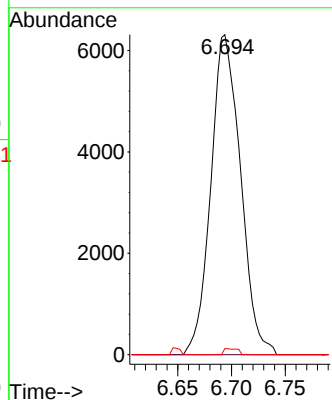
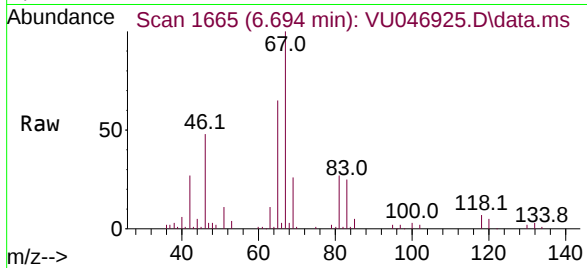




#35
Methylcyclohexane
Concen: 1.027 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046925.D
Acq: 31 Jan 2022 18:17

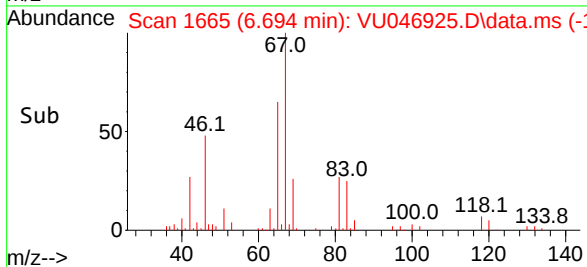
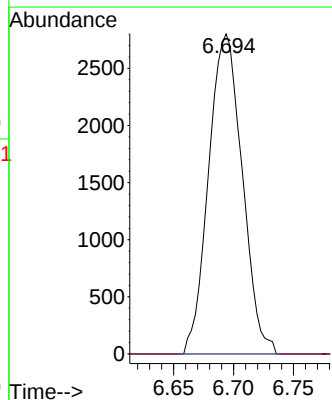
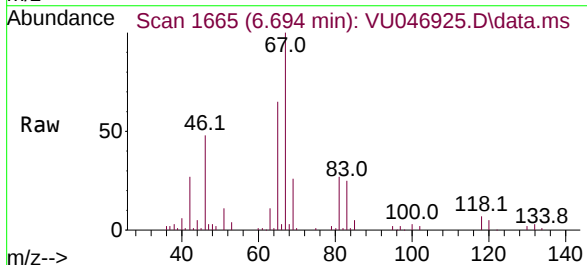
Instrument :
MSVOA_U
ClientSampleId :

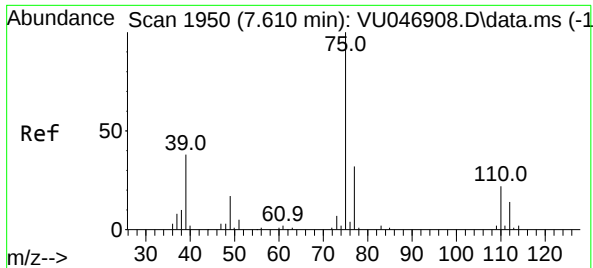
Tgt Ion: 83 Resp: 12121
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.821 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.103 min
Lab File: VU046925.D
Acq: 31 Jan 2022 18:17

Tgt Ion: 63 Resp: 5464
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 7.572 min Scan# 1938

Delta R.T. -0.038 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Instrument :

MSVOA_U

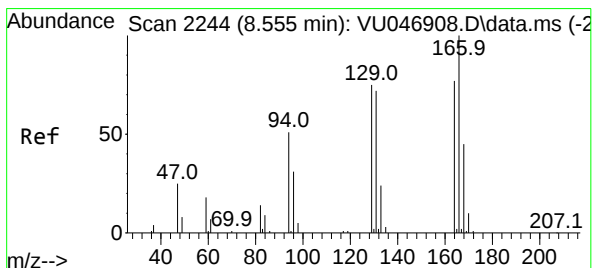
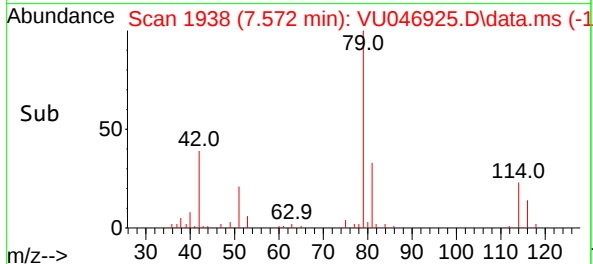
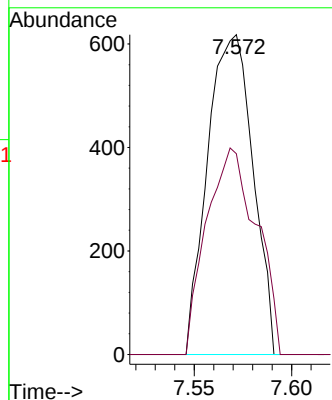
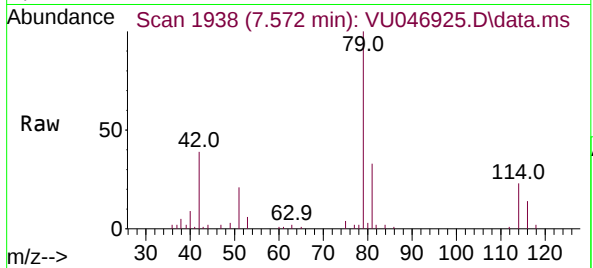
ClientSampleId :

Tgt Ion: 75 Resp: 1003

Ion Ratio Lower Upper

75 100

77 62.8 22.5 41.9#



#47

Tetrachloroethene

Concen: 31.224 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Tgt Ion: 164 Resp: 178920

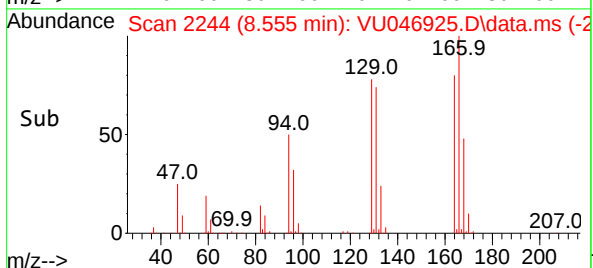
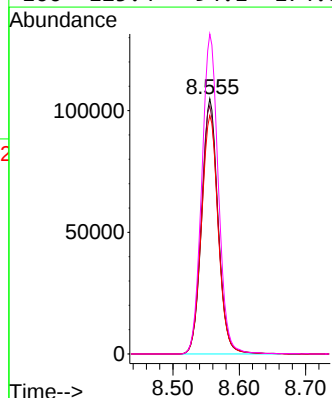
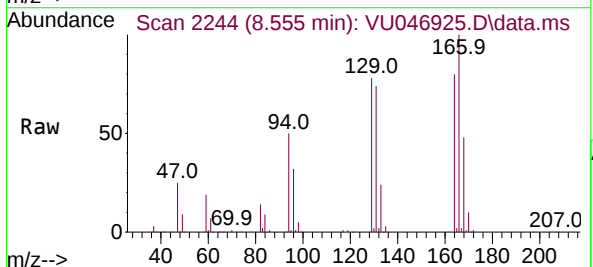
Ion Ratio Lower Upper

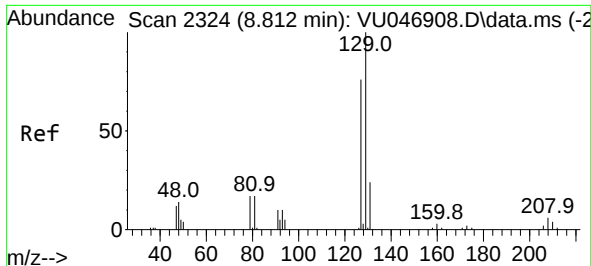
164 100

129 97.2 71.8 133.4

131 93.4 68.5 127.3

166 125.4 94.1 174.8





#49

Dibromochloromethane

Concen: 26.596 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Instrument :

MSVOA_U

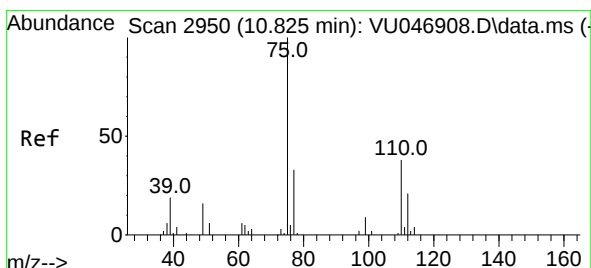
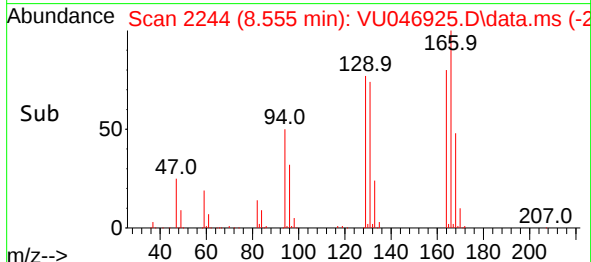
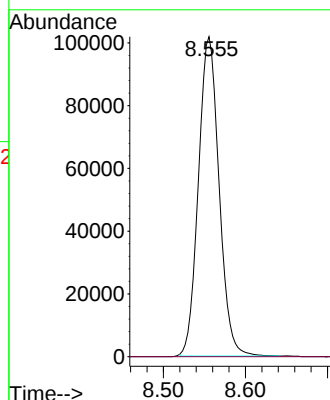
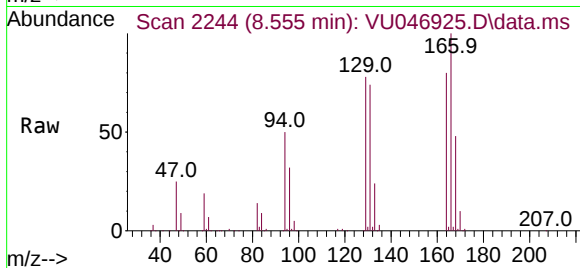
ClientSampleId :

Tgt Ion:129 Resp: 177685

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.480 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046925.D

Acq: 31 Jan 2022 18:17

Tgt Ion: 75 Resp: 6043

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 31.3 25.5 38.3

