

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046923.D
 Acq On : 31 Jan 2022 17:28
 Operator : SY/MD
 Sample : N1328-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 00:28:00 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)

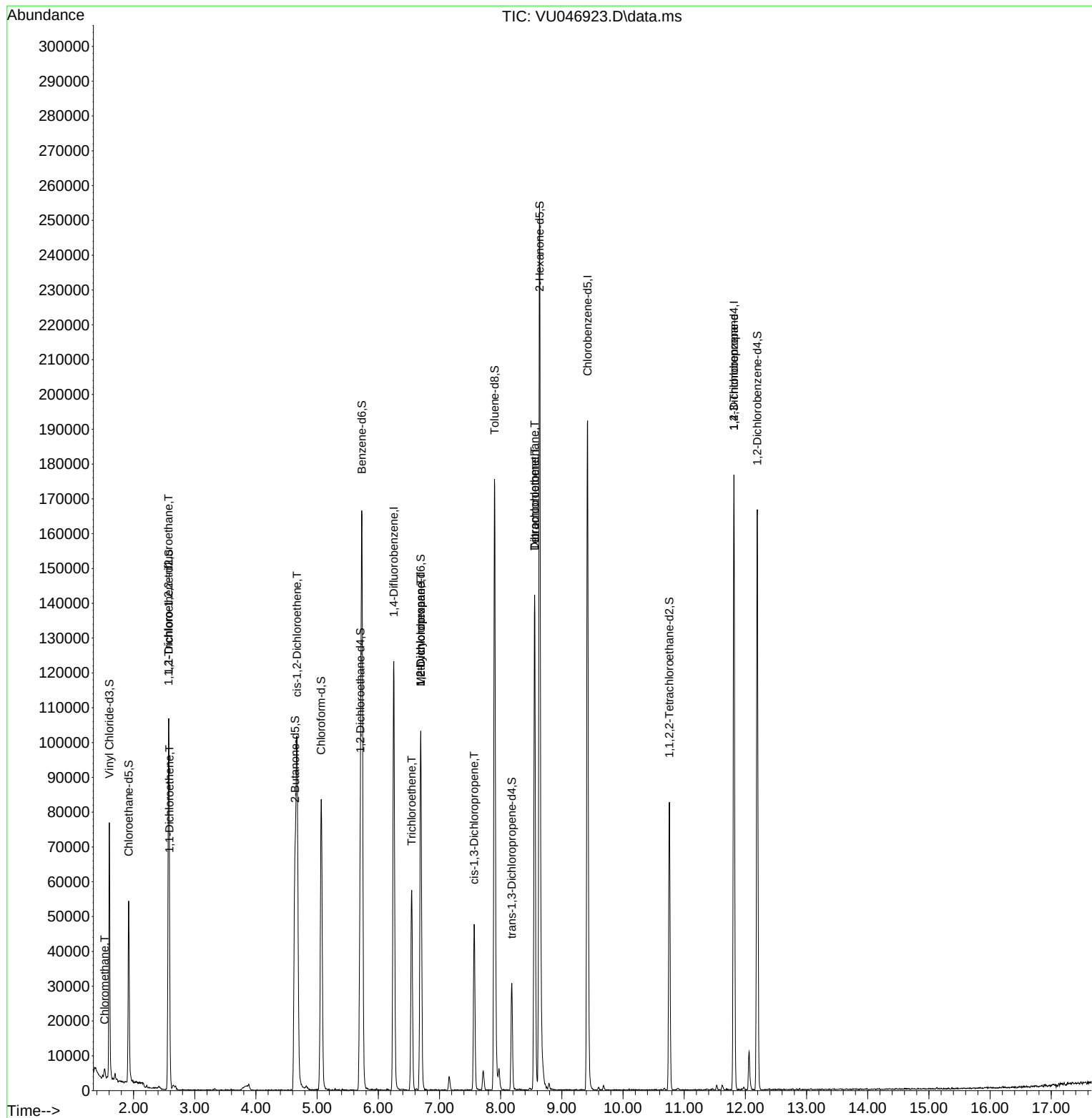
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100251	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111771	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	46729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	54224	6.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.600%
7) Chloroethane-d5	1.919	69	40612	6.068	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.400%
11) 1,1-Dichloroethene-d2	2.575	65	20366	6.027	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	120.600%
20) 2-Butanone-d5	4.639	46	110392	43.865	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.740%
24) Chloroform-d	5.067	84	78694	5.277	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.707	65	43608	5.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.400%
32) Benzene-d6	5.732	84	159385	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
36) 1,2-Dichloropropane-d6	6.694	67	50184	5.088	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.899	98	126019	4.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	8.182	79	18303	4.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.636	63	93844	36.590	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42505	4.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	42471	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						Qvalue
3) Chloromethane	1.527	50	2028	0.261	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	518	0.088	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	2997	0.535	ug/L #	1
22) cis-1,2-Dichloroethene	4.671	96	44010	6.881	ug/L	100
34) Trichloroethene	6.546	95	20133	2.947	ug/L	97
35) Methylcyclohexane	6.694	83	11764	1.028	ug/L #	18
37) 1,2-Dichloropropane	6.694	63	5220	0.809	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	1038	0.103	ug/L #	59
47) Tetrachloroethene	8.555	164	33442	6.018	ug/L	93
49) Dibromochloromethane	8.555	129	31768	4.904	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5952	1.503	ug/L #	68

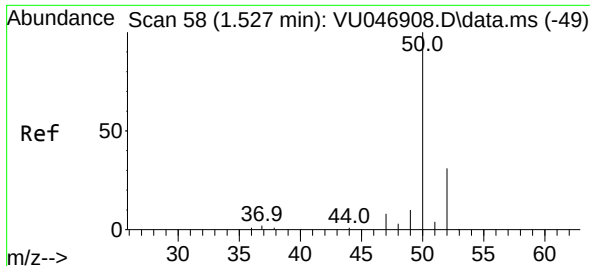
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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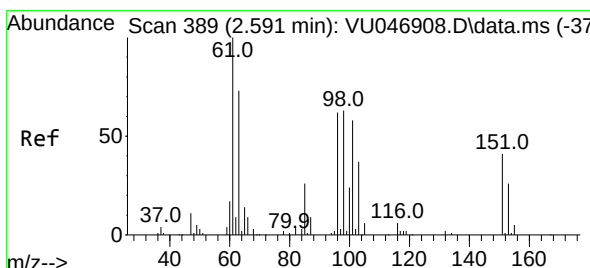
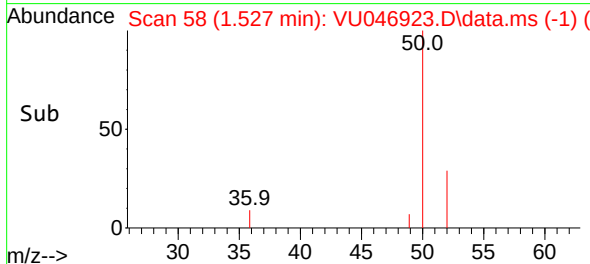
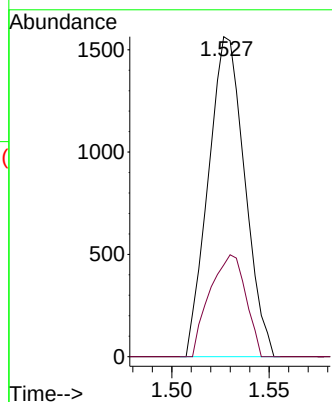
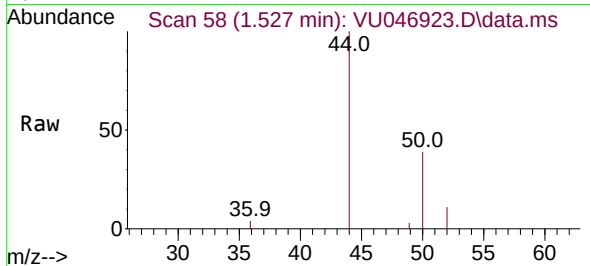




#3
Chloromethane
Concen: 0.261 ug/L
RT: 1.527 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU046923.D
Acq: 31 Jan 2022 17:28

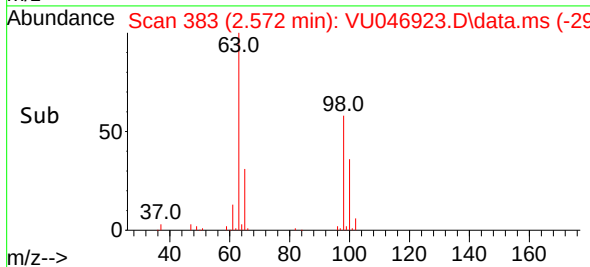
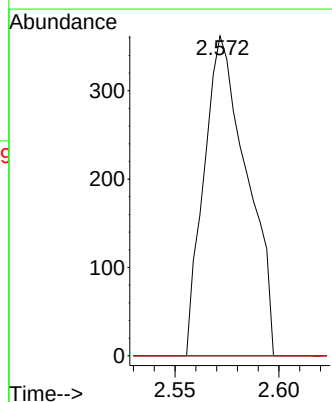
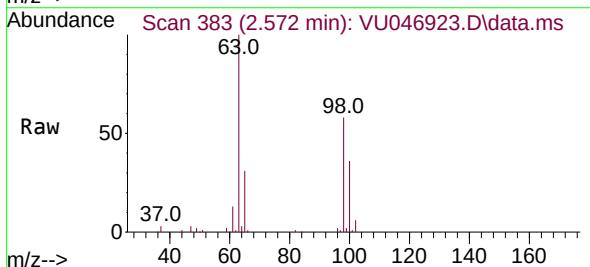
Instrument :
MSVOA_U
ClientSampleId :

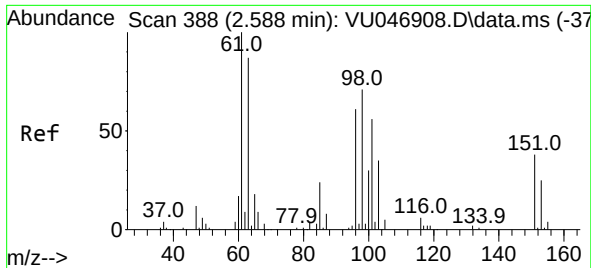
Tgt Ion: 50 Resp: 2028
Ion Ratio Lower Upper
50 100
52 28.6 23.0 42.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.088 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.019 min
Lab File: VU046923.D
Acq: 31 Jan 2022 17:28

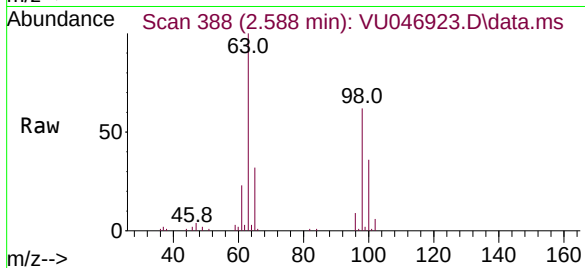
Tgt Ion: 101 Resp: 518
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



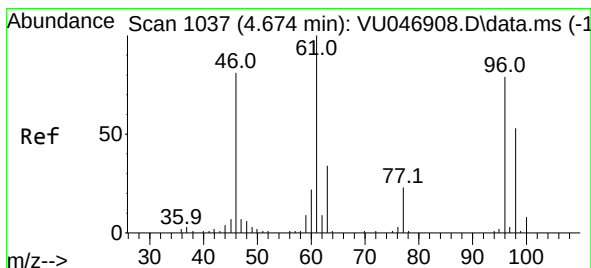
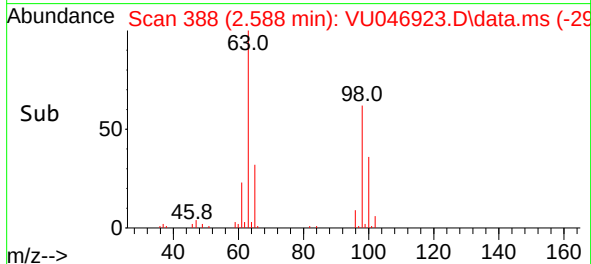
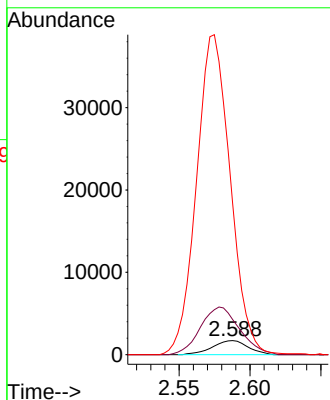


#12
 1,1-Dichloroethene
 Concen: 0.535 ug/L
 RT: 2.588 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU046923.D
 Acq: 31 Jan 2022 17:28

Instrument :
 MSVOA_U
 ClientSampleId :

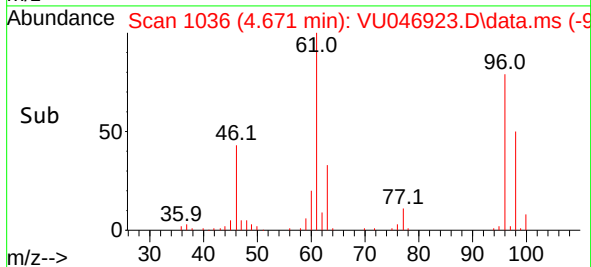
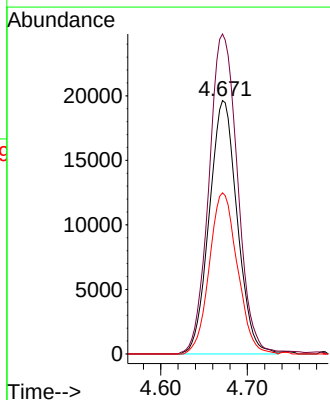
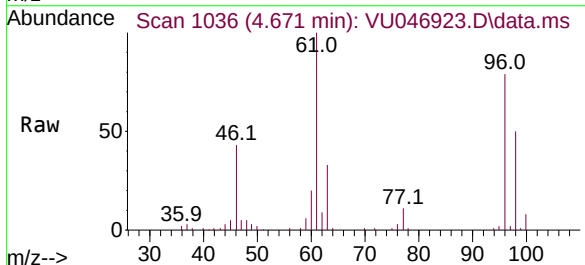


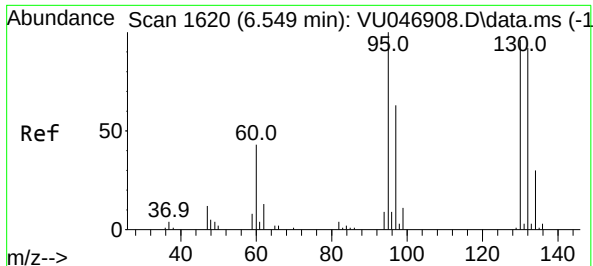
Tgt Ion: 96 Resp: 2997
 Ion Ratio Lower Upper
 96 100
 61 249.3 124.7 231.5#
 63 1073.2 105.2 195.4#



#22
 cis-1,2-Dichloroethene
 Concen: 6.881 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046923.D
 Acq: 31 Jan 2022 17:28

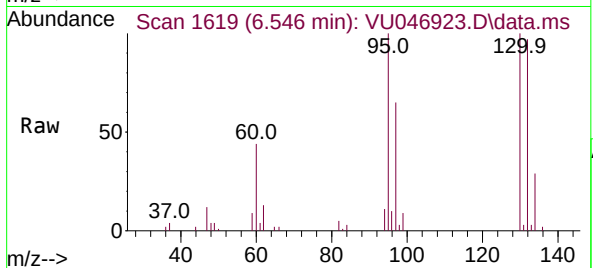
Tgt Ion: 96 Resp: 44010
 Ion Ratio Lower Upper
 96 100
 61 126.3 88.5 164.3
 98 63.6 44.4 82.5





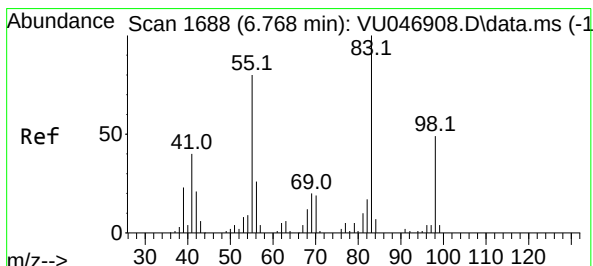
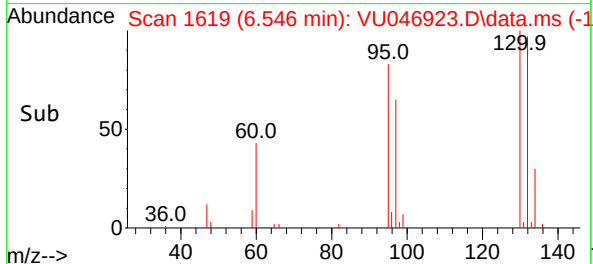
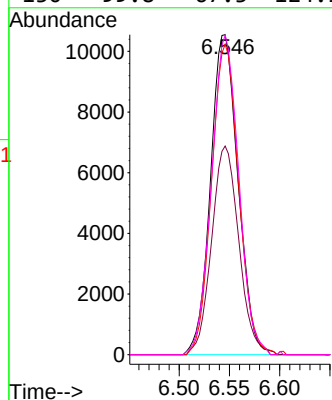
#34
Trichloroethene
Concen: 2.947 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU046923.D
Acq: 31 Jan 2022 17:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 20133

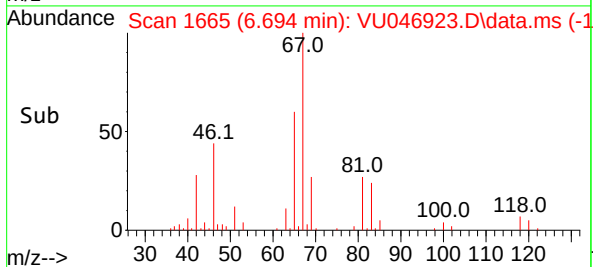
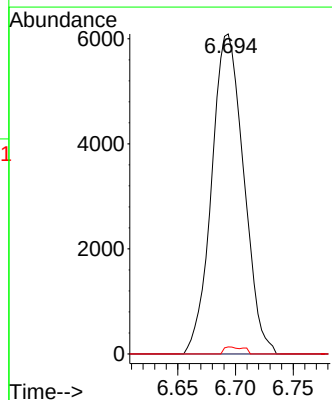
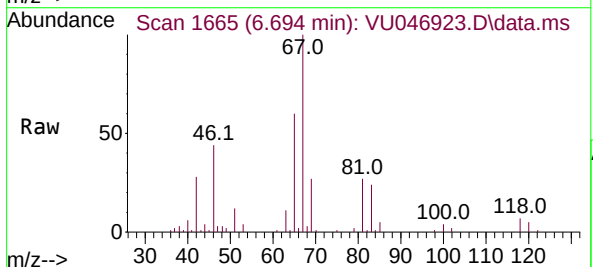
Ion	Ratio	Lower	Upper
95	100		
97	65.2	46.5	86.5
132	97.1	65.1	120.9
130	99.8	67.3	124.9

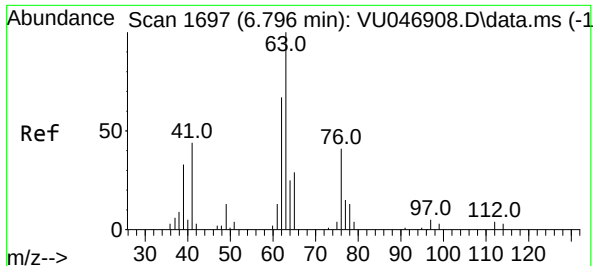


#35
Methylcyclohexane
Concen: 1.028 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046923.D
Acq: 31 Jan 2022 17:28

Tgt Ion: 83 Resp: 11764

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: 0.809 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046923.D

Acq: 31 Jan 2022 17:28

Instrument :

MSVOA_U

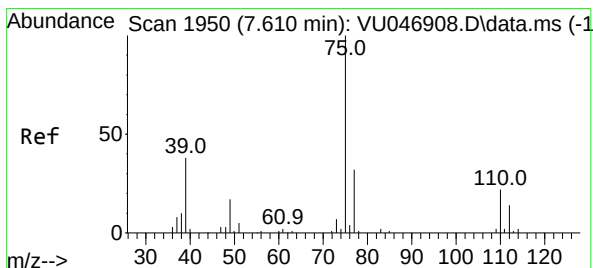
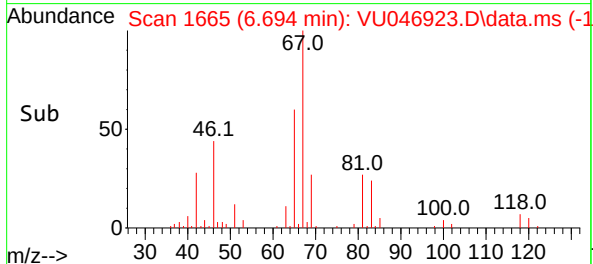
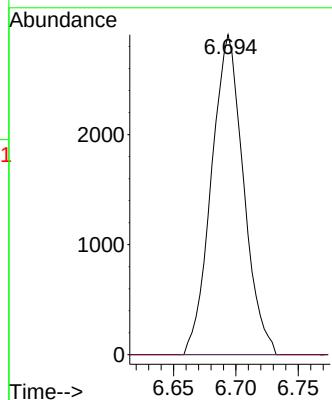
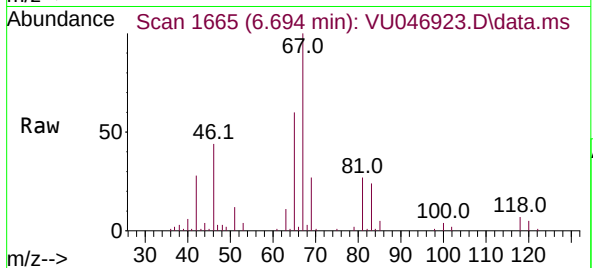
ClientSampleId :

Tgt Ion: 63 Resp: 5220

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.103 ug/L

RT: 7.565 min Scan# 1936

Delta R.T. -0.045 min

Lab File: VU046923.D

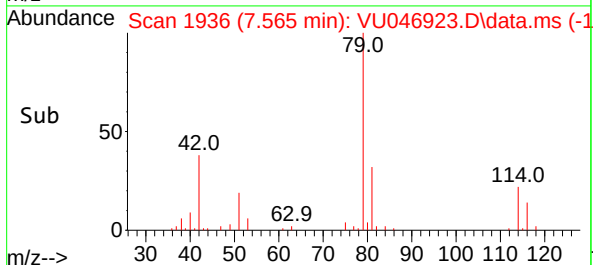
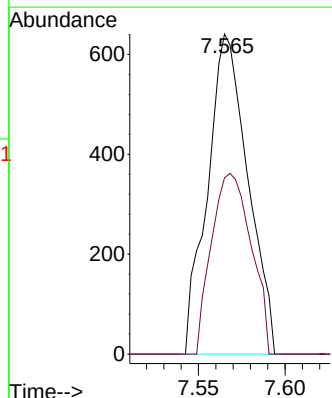
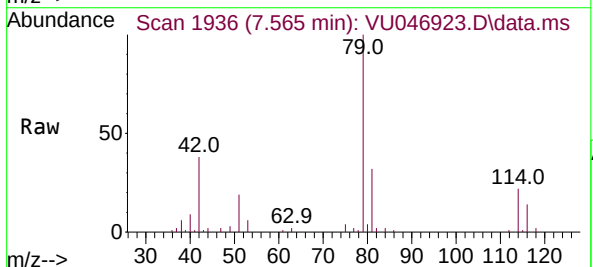
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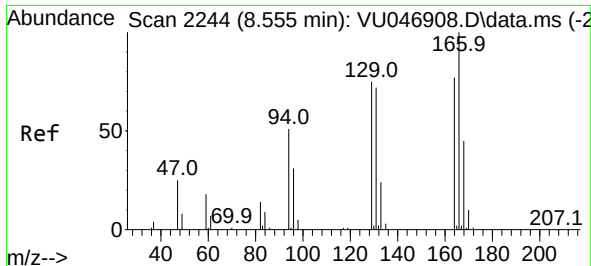
Tgt Ion: 75 Resp: 1038

Ion Ratio Lower Upper

75 100

77 55.1 22.5 41.9#





#47

Tetrachloroethene

Concen: 6.018 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

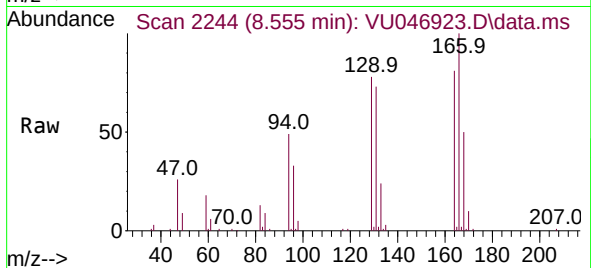
Lab File: VU046923.D

Acq: 31 Jan 2022 17:28

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 33442

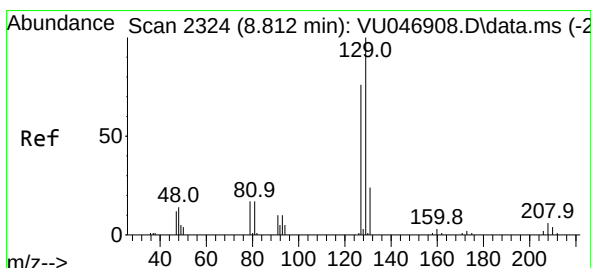
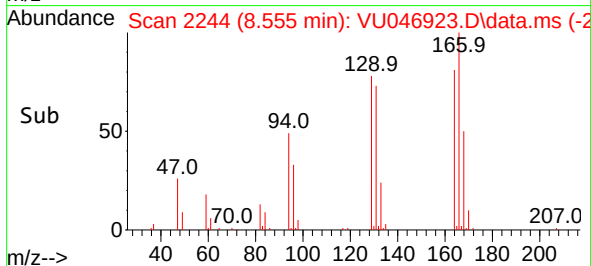
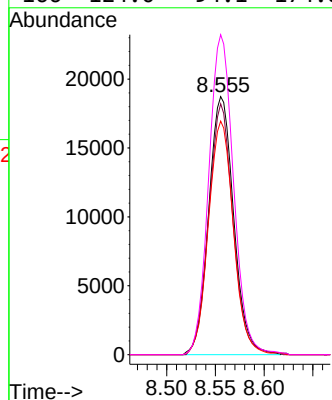
Ion Ratio Lower Upper

164 100

129 97.2 71.8 133.4

131 90.5 68.5 127.3

166 124.0 94.1 174.8



#49

Dibromochloromethane

Concen: 4.904 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046923.D

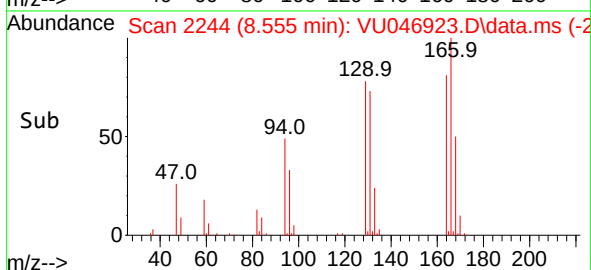
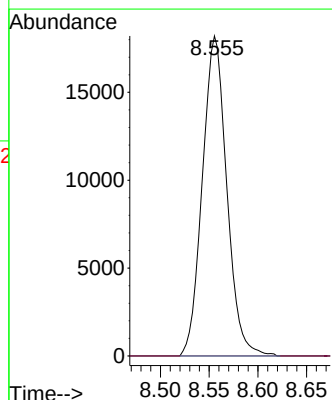
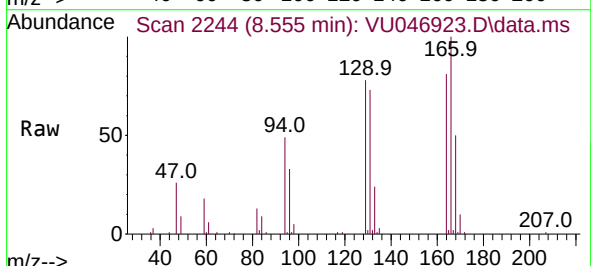
Acq: 31 Jan 2022 17:28

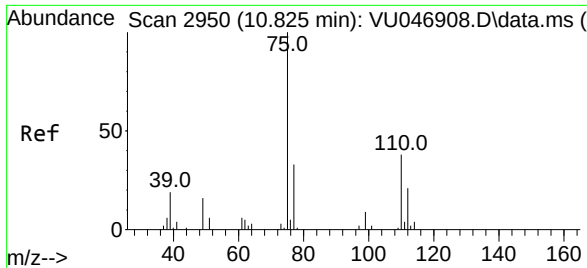
Tgt Ion:129 Resp: 31768

Ion Ratio Lower Upper

129 100

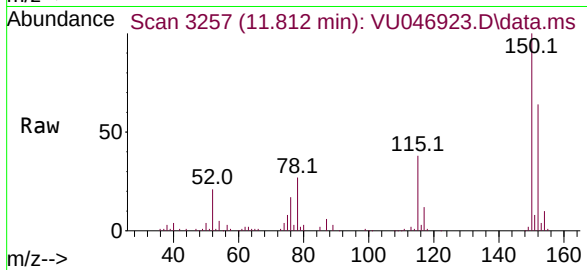
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.503 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046923.D
 Acq: 31 Jan 2022 17:28

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 5952
 Ion Ratio Lower Upper
 75 100
 110 1.9 29.9 44.9#
 77 31.6 25.5 38.3

