

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122721\
 Data File : VU046605.D
 Acq On : 27 Dec 2021 17:51
 Operator : SY/MD
 Sample : M5126-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J12

Quant Time: Dec 28 04:58:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 04:55:25 2021
 Response via : Initial Calibration

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

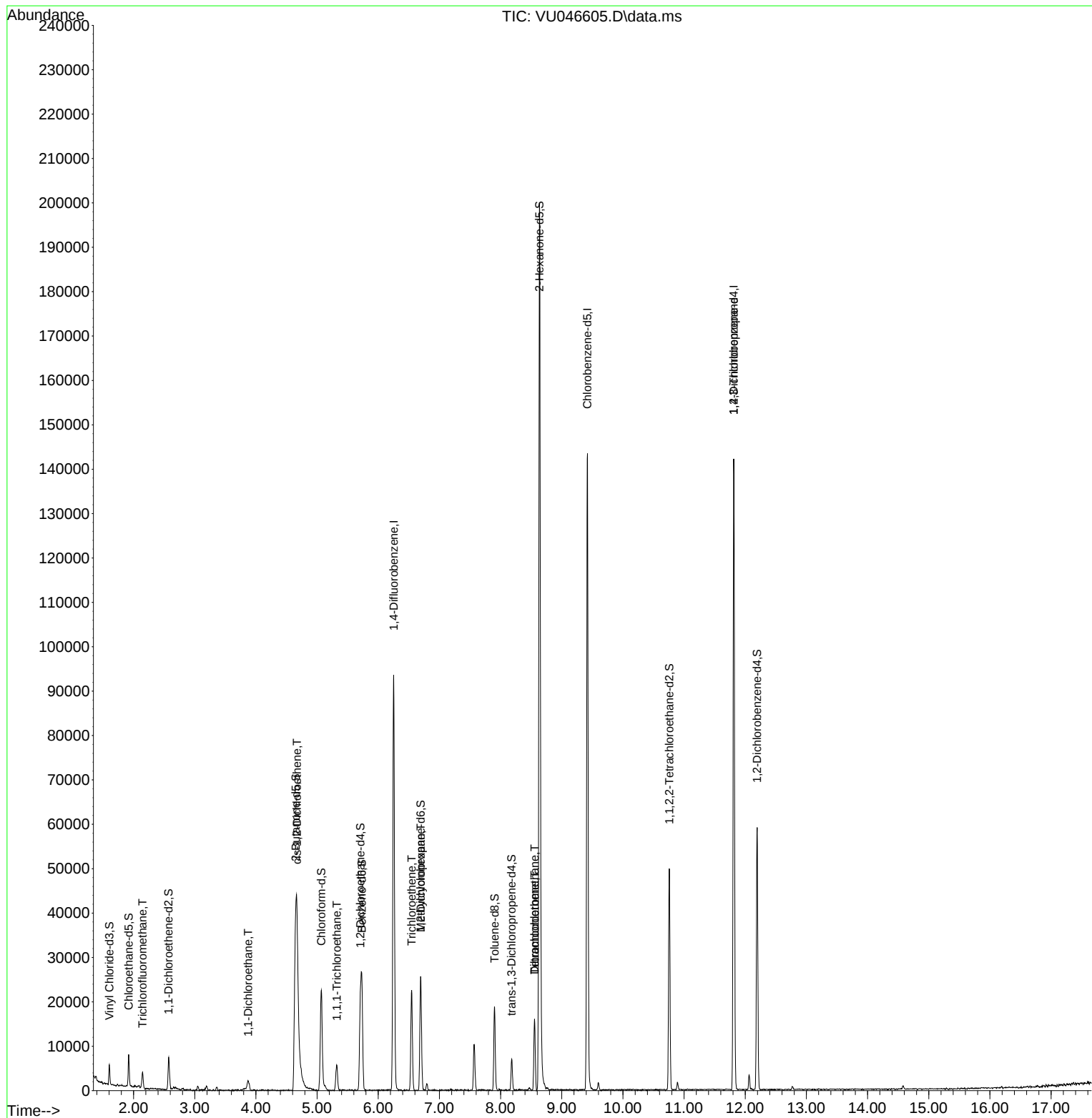
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	77441	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	80363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	38147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	3716	0.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	12.200%#
7) Chloroethane-d5	1.919	69	5353	1.114	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	22.200%#
11) 1,1-Dichloroethene-d2	2.571	65	1475	0.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	11.400%#
20) 2-Butanone-d5	4.652	46	91441	51.681	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.360%
24) Chloroform-d	5.070	84	21266	1.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	38.000%#
26) 1,2-Dichloroethane-d4	5.706	65	14316	2.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	44.800%#
32) Benzene-d6	5.732	84	22931	1.024	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	20.400%#
36) 1,2-Dichloropropane-d6	6.693	67	12063	1.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	35.800%#
41) Toluene-d8	7.902	98	13123	0.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	13.000%#
43) trans-1,3-Dichloroprop...	8.179	79	4326	1.389	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	27.800%#
46) 2-Hexanone-d5	8.635	63	76684	41.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	24037	3.479	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	16052	2.284	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	45.600%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	2473	0.188	ug/L	98
19) 1,1-Dichloroethane	3.874	63	2606	0.195	ug/L	96
22) cis-1,2-Dichloroethene	4.671	96	7316	0.921	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	4803	0.361	ug/L	94
34) Trichloroethene	6.546	95	7932	0.942	ug/L	97
35) Methylcyclohexane	6.693	83	3081	0.260	ug/L #	21
47) Tetrachloroethene	8.555	164	3561	0.598	ug/L	93
49) Dibromochloromethane	8.555	129	3482	0.430	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	4249	0.671	ug/L #	64

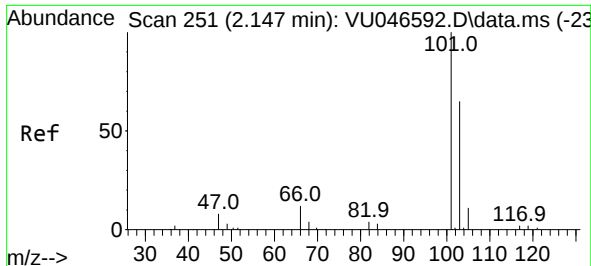
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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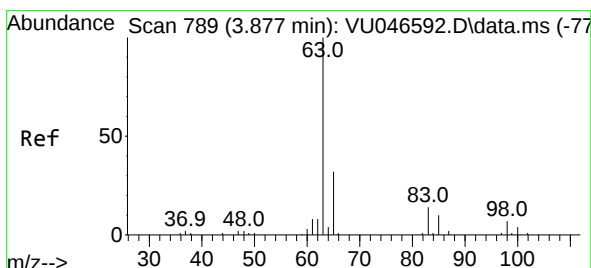
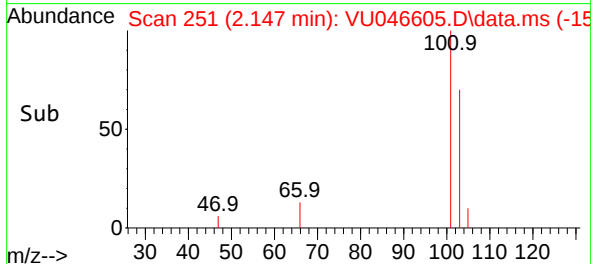
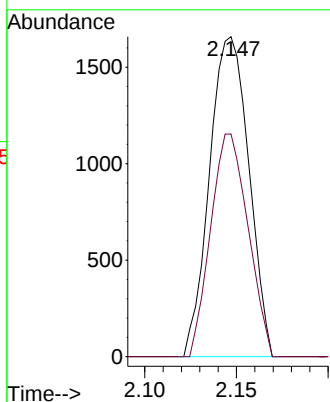
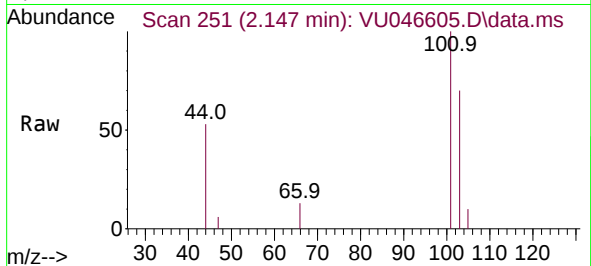




#9
 Trichlorofluoromethane
 Concen: 0.188 ug/L
 RT: 2.147 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046605.D
 Acq: 27 Dec 2021 17:51

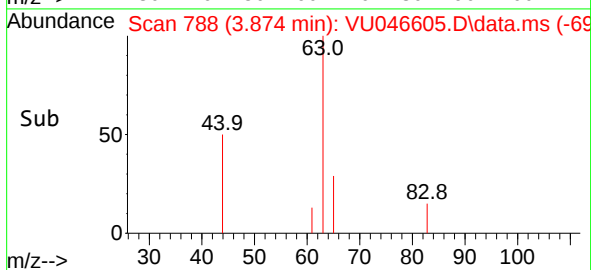
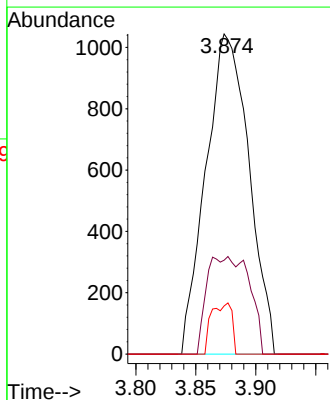
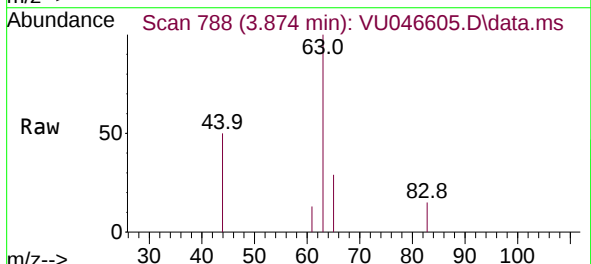
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J12

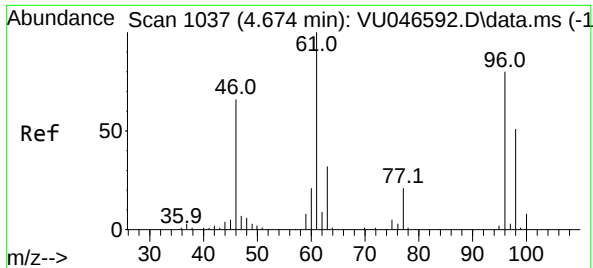
Tgt Ion:101 Resp: 2473
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.5 77.3



#19
 1,1-Dichloroethane
 Concen: 0.195 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. -0.003 min
 Lab File: VU046605.D
 Acq: 27 Dec 2021 17:51

Tgt Ion: 63 Resp: 2606
 Ion Ratio Lower Upper
 63 100
 65 29.3 22.3 41.5
 83 15.0 9.6 17.8

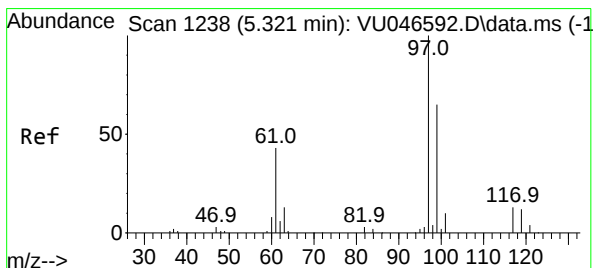
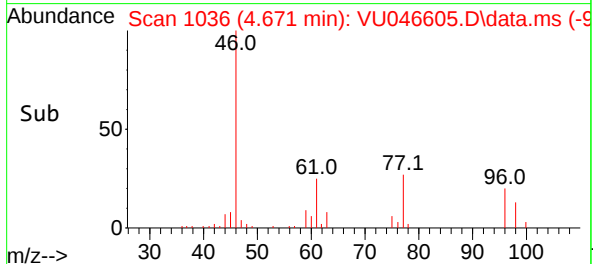
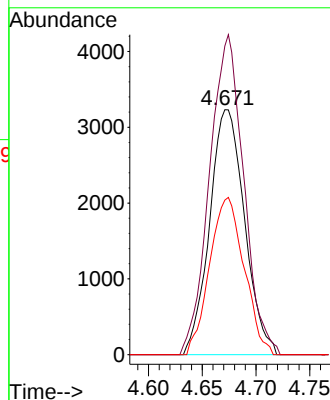
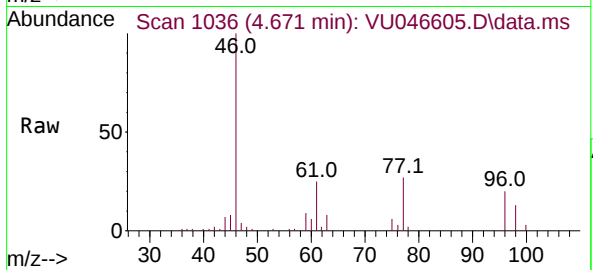




#22
 cis-1,2-Dichloroethene
 Concen: 0.921 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. -0.003 min
 Lab File: VU046605.D
 Acq: 27 Dec 2021 17:51

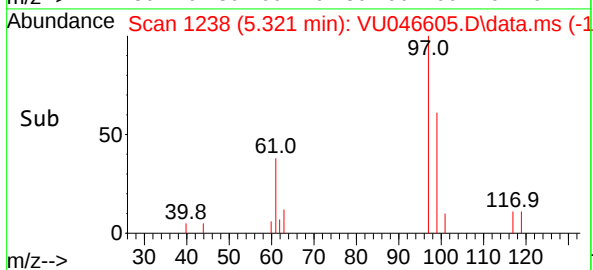
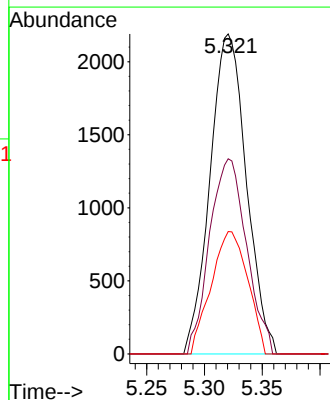
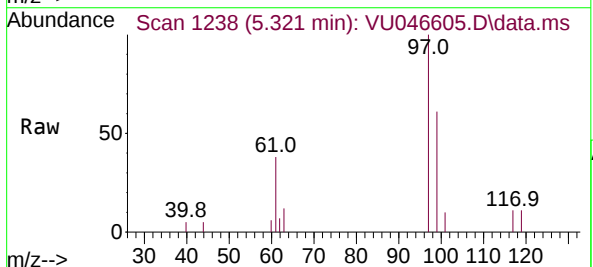
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J12

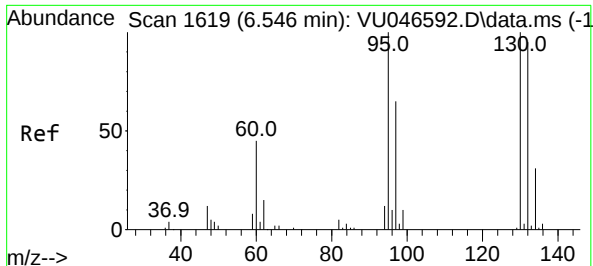
Tgt Ion: 96 Resp: 7316
 Ion Ratio Lower Upper
 96 100
 61 126.0 88.5 164.3
 98 63.1 44.4 82.5



#29
 1,1,1-Trichloroethane
 Concen: 0.361 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VU046605.D
 Acq: 27 Dec 2021 17:51

Tgt Ion: 97 Resp: 4803
 Ion Ratio Lower Upper
 97 100
 99 61.9 51.3 76.9
 61 38.4 36.1 54.1



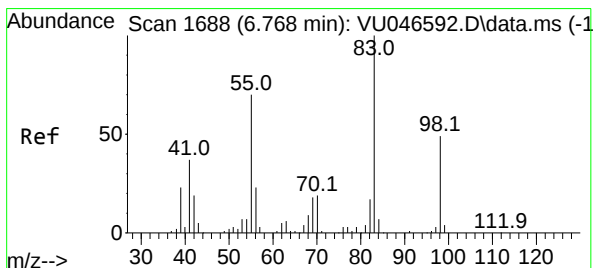
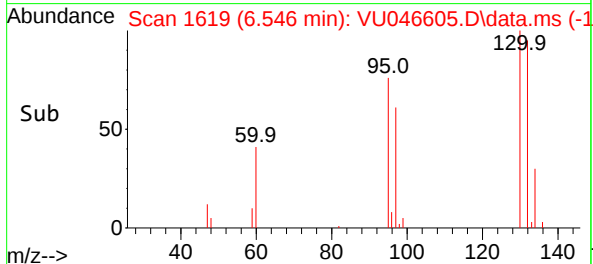
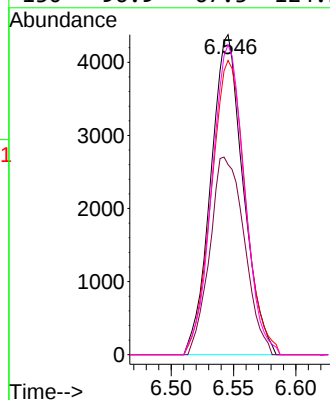
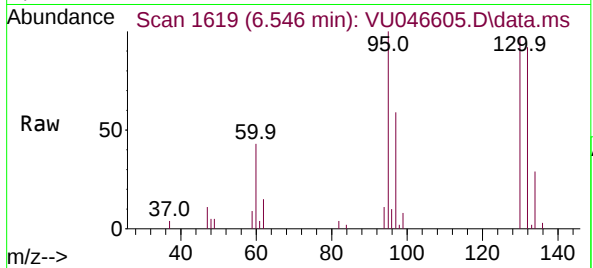


#34
Trichloroethene
Concen: 0.942 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046605.D
Acq: 27 Dec 2021 17:51

Instrument :
MSVOA_U
ClientSampleId :
C0J12

Tgt Ion: 95 Resp: 7932

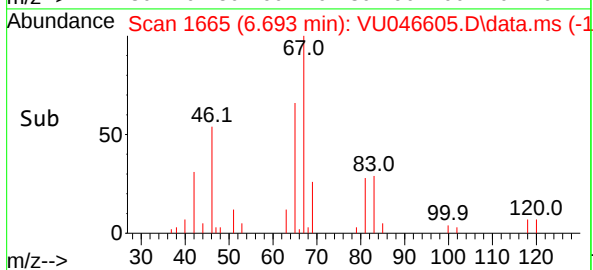
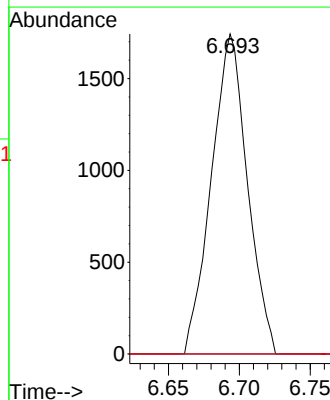
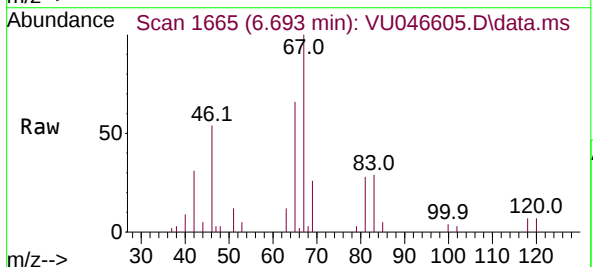
Ion	Ratio	Lower	Upper
95	100		
97	59.4	46.5	86.5
132	92.0	65.1	120.9
130	96.9	67.3	124.9

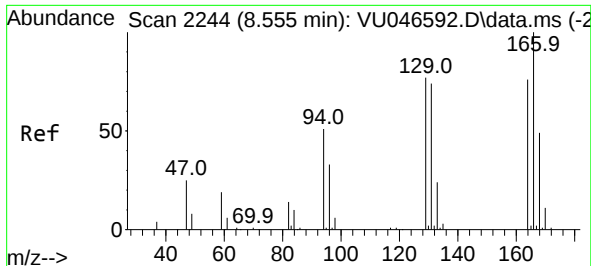


#35
Methylcyclohexane
Concen: 0.260 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046605.D
Acq: 27 Dec 2021 17:51

Tgt Ion: 83 Resp: 3081

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	5.9	39.0	58.6#





#47

Tetrachloroethene

Concen: 0.598 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046605.D

Acq: 27 Dec 2021 17:51

Instrument :

MSVOA_U

ClientSampleId :

C0J12

Tgt Ion:164 Resp: 3561

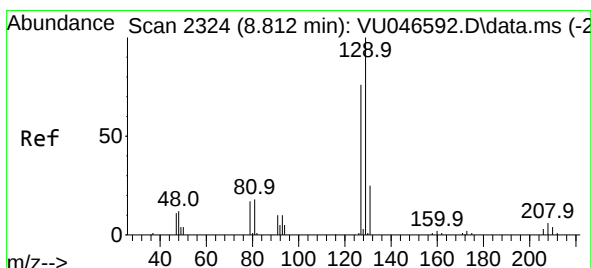
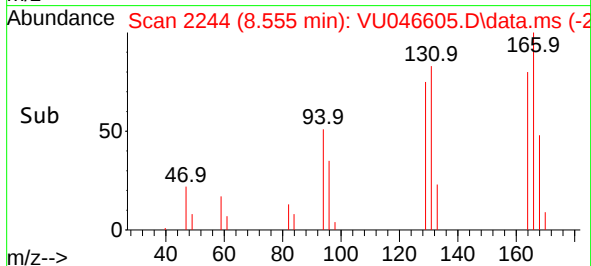
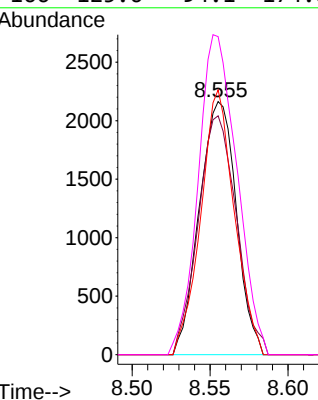
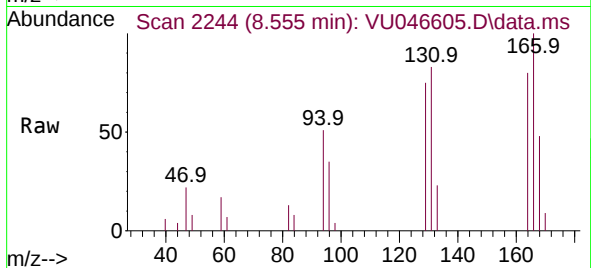
Ion Ratio Lower Upper

164 100

129 94.4 71.8 133.4

131 104.6 68.5 127.3

166 125.6 94.1 174.8



#49

Dibromochloromethane

Concen: 0.430 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046605.D

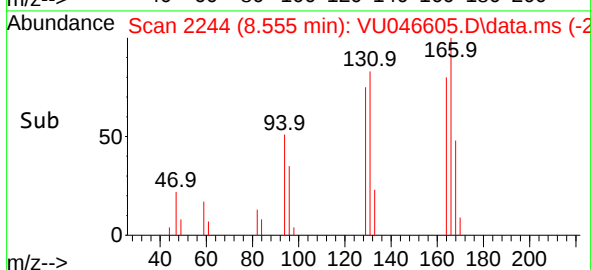
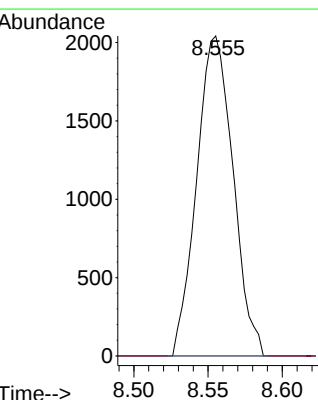
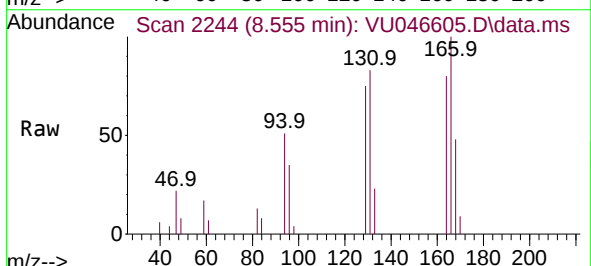
Acq: 27 Dec 2021 17:51

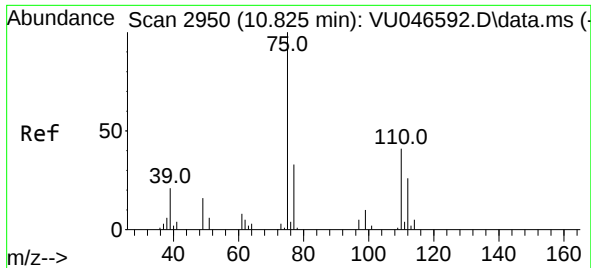
Tgt Ion:129 Resp: 3482

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.671 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
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Tgt Ion: 75 Resp: 4249
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.4 25.5 38.3

