

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046943.D
 Acq On : 01 Feb 2022 02:01
 Operator : SY/MD
 Sample : N1328-17DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 01 03:03:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

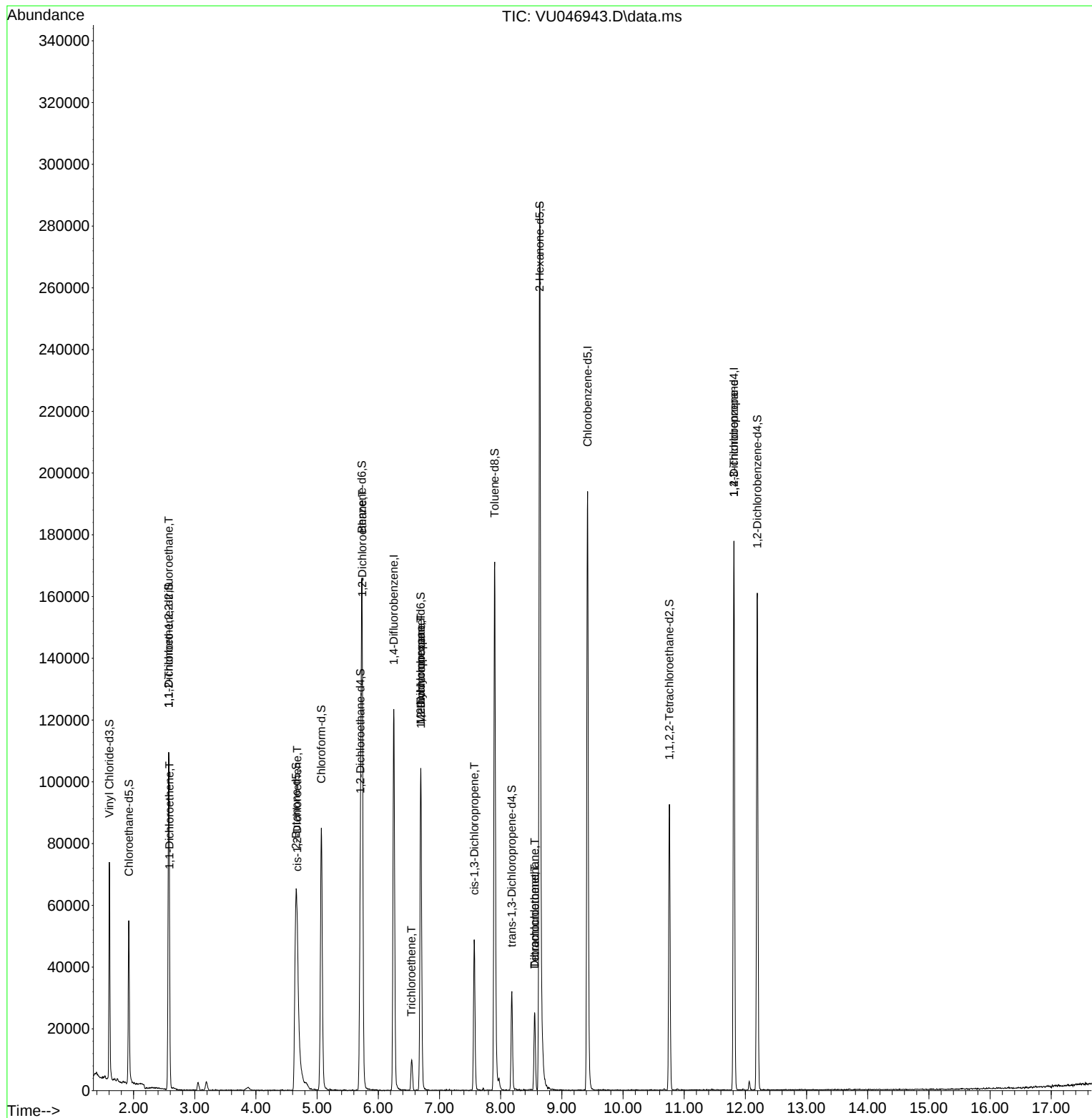
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	101895	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	48052	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52372	6.066	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 121.400%		
7) Chloroethane-d5	1.922	69	40695	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.600%		
11) 1,1-Dichloroethene-d2	2.575	65	20071	5.844	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 116.800%		
20) 2-Butanone-d5	4.655	46	133605	52.233	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 104.460%		
24) Chloroform-d	5.070	84	78814	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.000%		
26) 1,2-Dichloroethane-d4	5.707	65	45369	5.496	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 110.000%		
32) Benzene-d6	5.732	84	158838	4.712	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.200%		
36) 1,2-Dichloropropane-d6	6.694	67	49567	4.897	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 98.000%		
41) Toluene-d8	7.903	98	123244	3.994	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 79.800%		
43) trans-1,3-Dichloroprop...	8.182	79	18863	4.244	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 84.800%		
46) 2-Hexanone-d5	8.639	63	111598	42.402	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 84.800%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46282	4.555	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 91.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	42746	4.744	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	408	0.069	ug/L #	21
12) 1,1-Dichloroethene	2.588	96	839	0.147	ug/L #	1
22) cis-1,2-Dichloroethene	4.674	96	7692	1.183	ug/L	96
27) 1,2-Dichloroethane	5.739	62	821	0.113	ug/L #	73
34) Trichloroethene	6.543	95	3621	0.516	ug/L	92
35) Methylcyclohexane	6.694	83	11918	1.015	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	4981	0.752	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1290	0.125	ug/L #	72
47) Tetrachloroethene	8.555	164	5627	0.987	ug/L	92
49) Dibromochloromethane	8.555	129	5788	0.871	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	6116	1.502	ug/L #	64

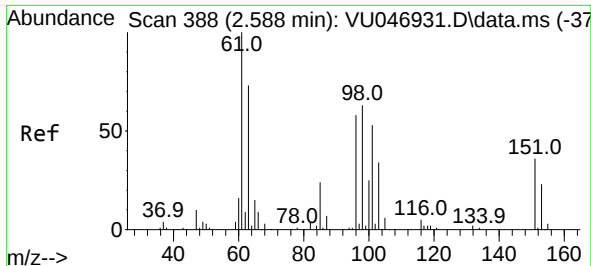
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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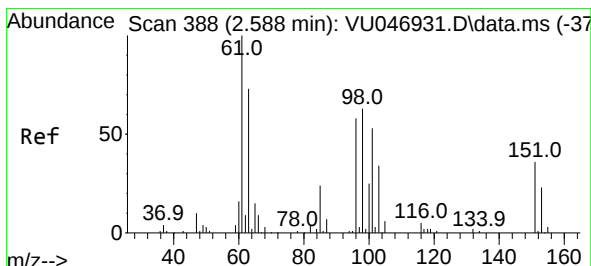
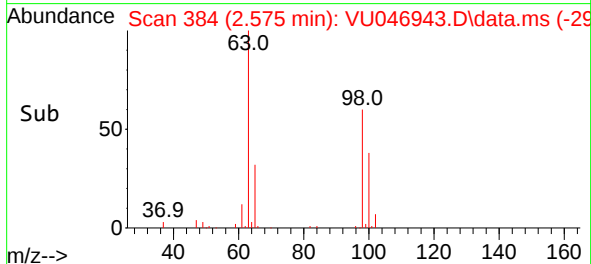
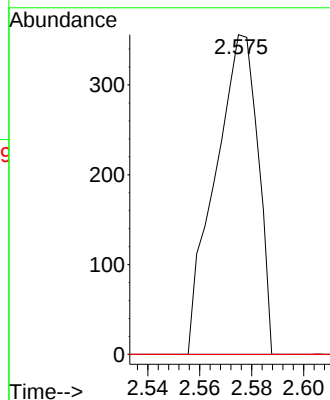
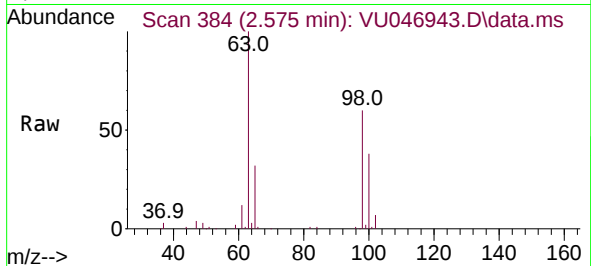




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.069 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046943.D
 Acq: 01 Feb 2022 02:01

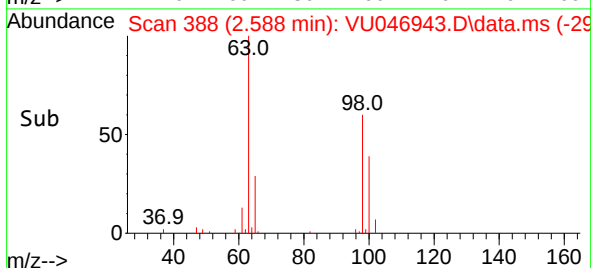
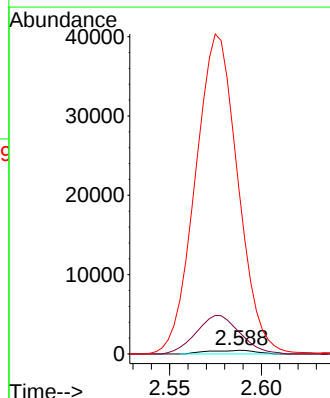
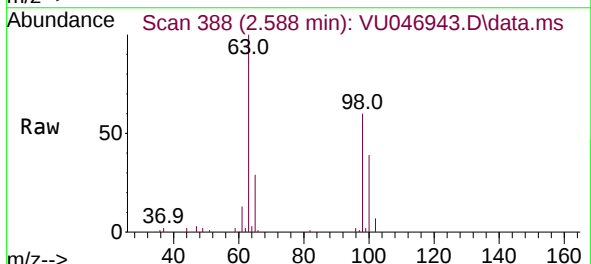
Instrument :
 MSVOA_U
 ClientSampleId :

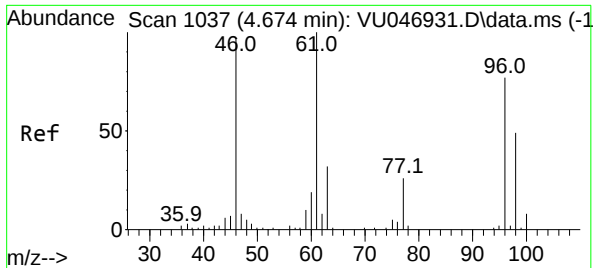
Tgt Ion:101 Resp: 408
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.147 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046943.D
 Acq: 01 Feb 2022 02:01

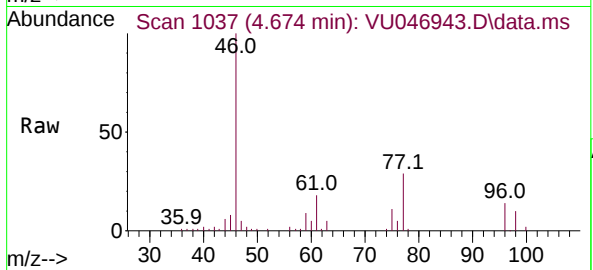
Tgt Ion: 96 Resp: 839
 Ion Ratio Lower Upper
 96 100
 61 591.3 124.7 231.5#
 63 4411.9 105.2 195.4#



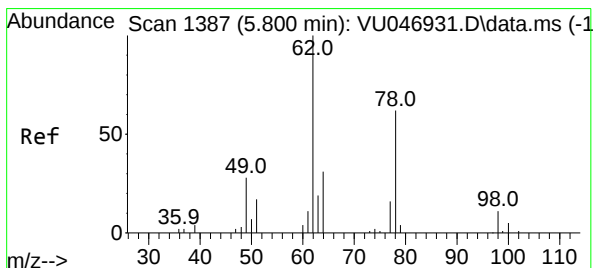
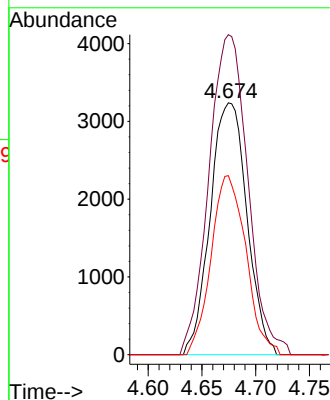
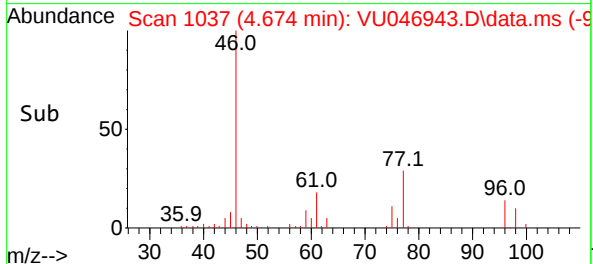


#22
 cis-1,2-Dichloroethene
 Concen: 1.183 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046943.D
 Acq: 01 Feb 2022 02:01

Instrument :
 MSVOA_U
 ClientSampleId :

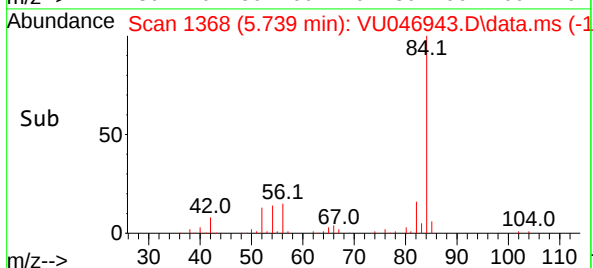
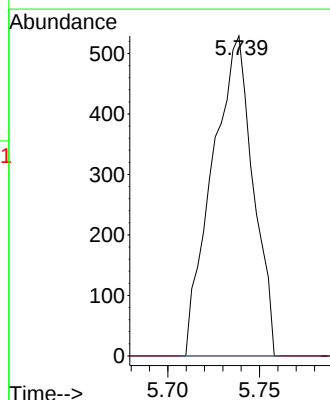
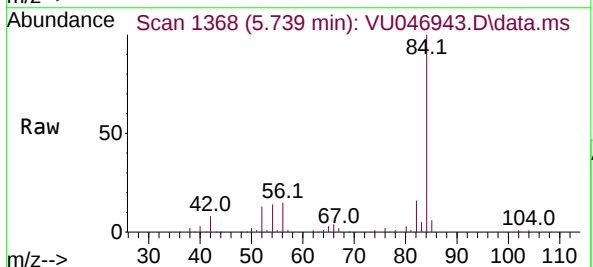


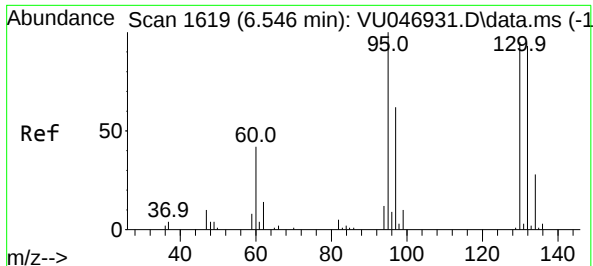
Tgt Ion: 96 Resp: 7692
 Ion Ratio Lower Upper
 96 100
 61 127.1 88.5 164.3
 98 71.1 44.4 82.5



#27
 1,2-Dichloroethane
 Concen: 0.113 ug/L
 RT: 5.739 min Scan# 1368
 Delta R.T. -0.061 min
 Lab File: VU046943.D
 Acq: 01 Feb 2022 02:01

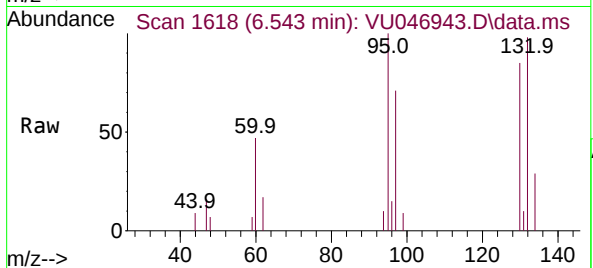
Tgt Ion: 62 Resp: 821
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#





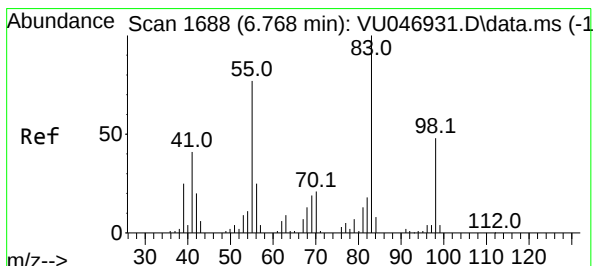
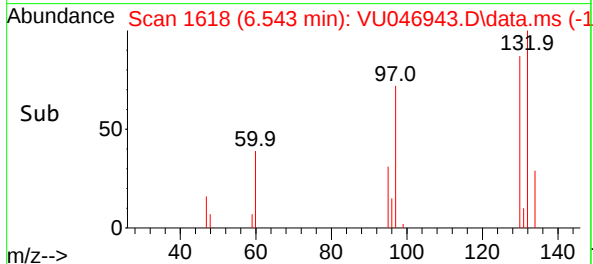
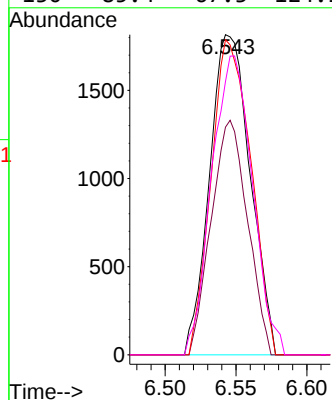
#34
Trichloroethene
Concen: 0.516 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046943.D
Acq: 01 Feb 2022 02:01

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 3621

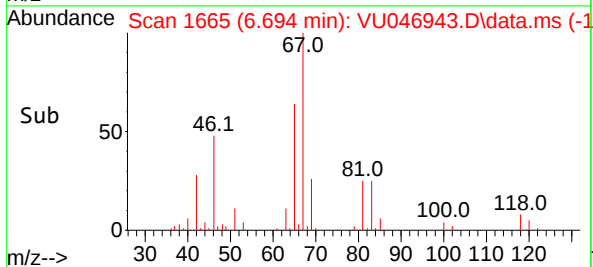
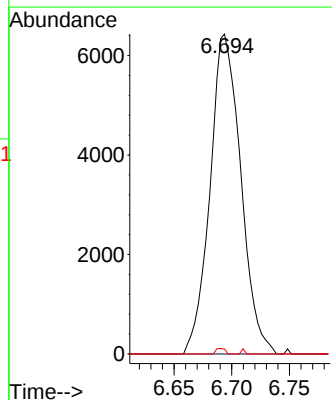
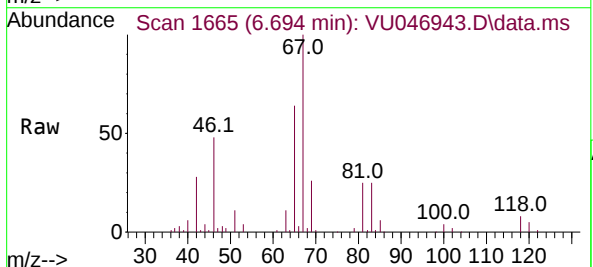
Ion	Ratio	Lower	Upper
95	100		
97	71.1	46.5	86.5
132	98.4	65.1	120.9
130	85.4	67.3	124.9

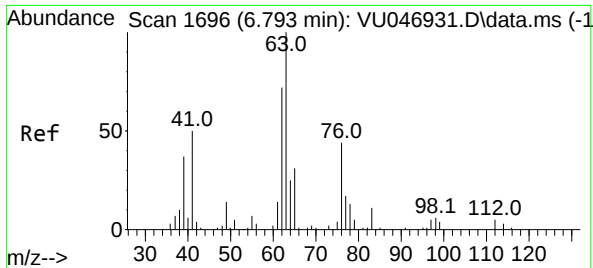


#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046943.D
Acq: 01 Feb 2022 02:01

Tgt Ion: 83 Resp: 11918

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.9	92.9#
98	0.5	39.0	58.6#





#37

1,2-Dichloropropane

Concen: 0.752 ug/L

RT: 6.697 min Scan# 1

Delta R.T. -0.096 min

Lab File: VU046943.D

Acq: 01 Feb 2022 02:01

Instrument :

MSVOA_U

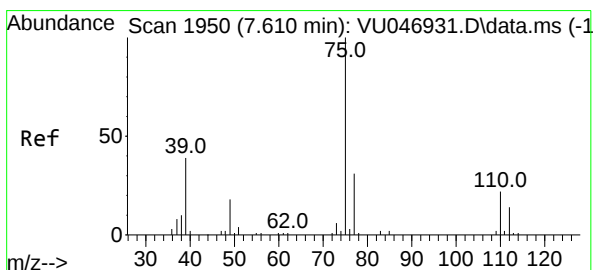
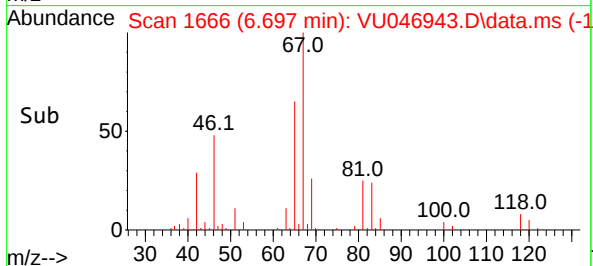
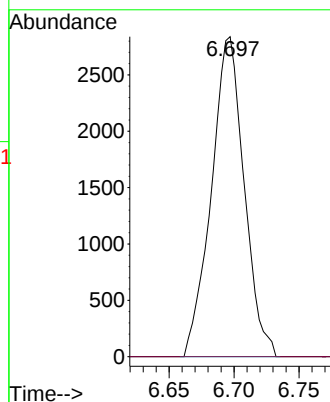
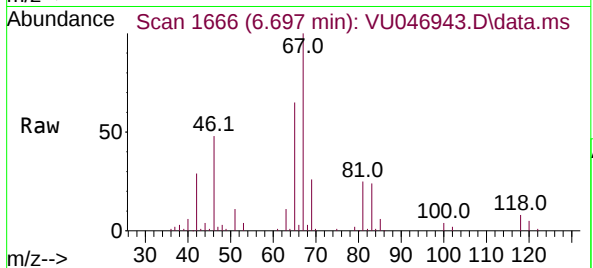
ClientSampleId :

Tgt Ion: 63 Resp: 4981

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046943.D

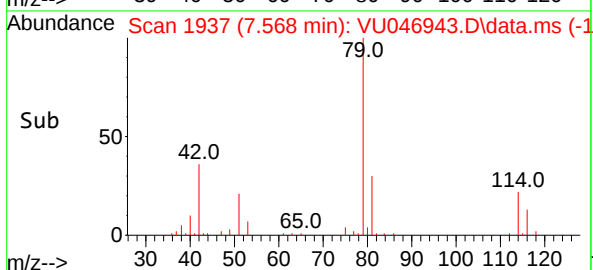
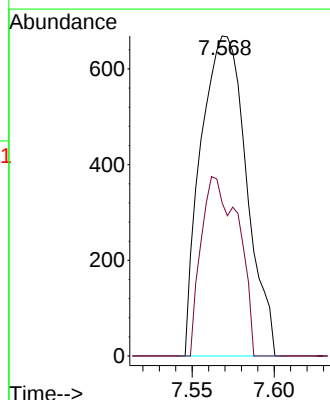
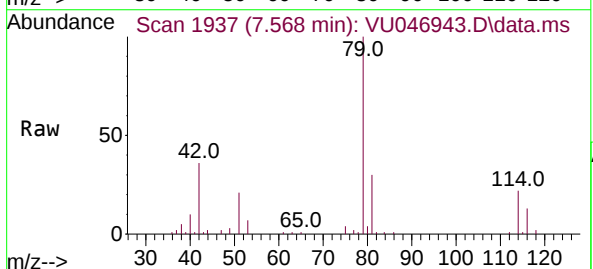
Acq: 01 Feb 2022 02:01

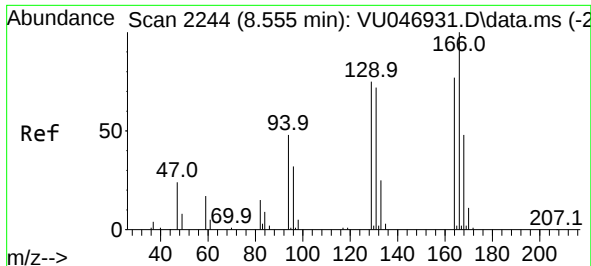
Tgt Ion: 75 Resp: 1290

Ion Ratio Lower Upper

75 100

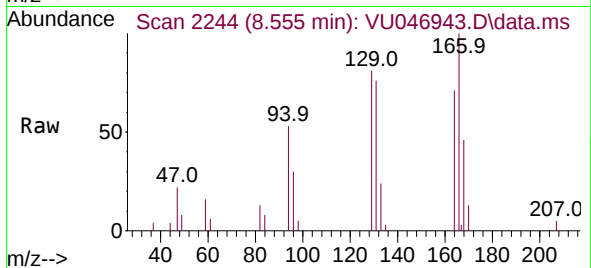
77 47.8 22.5 41.9#



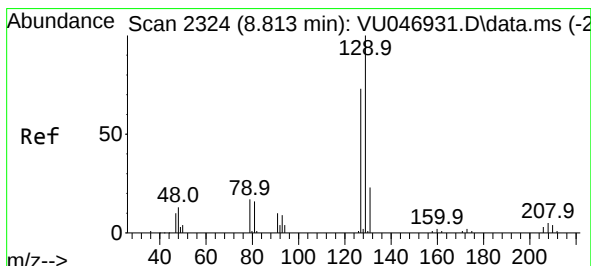
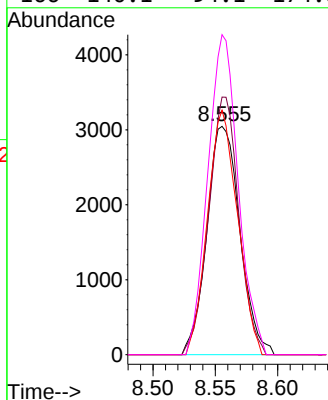
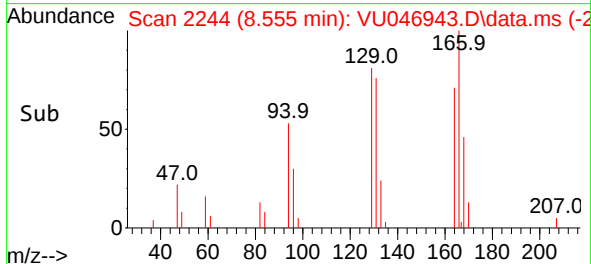


#47
Tetrachloroethene
Concen: 0.987 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046943.D
Acq: 01 Feb 2022 02:01

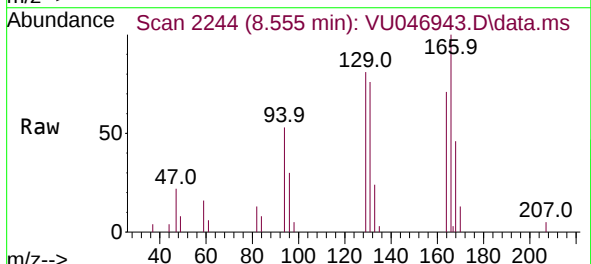
Instrument :
MSVOA_U
ClientSampleId :



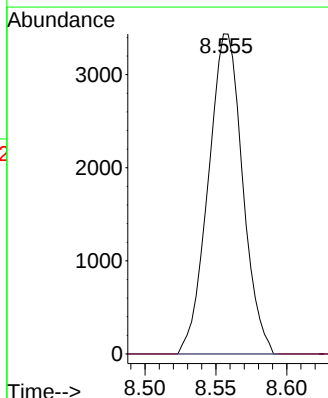
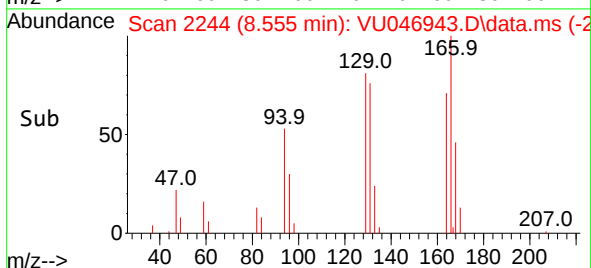
Tgt Ion:164 Resp: 5627
Ion Ratio Lower Upper
164 100
129 112.8 71.8 133.4
131 107.1 68.5 127.3
166 140.1 94.1 174.8

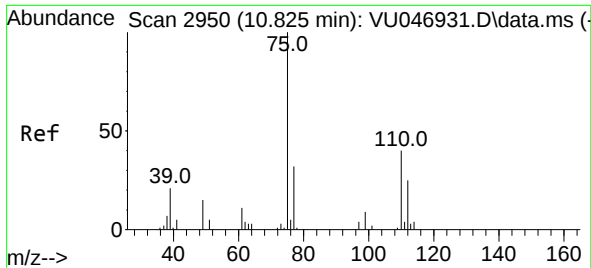


#49
Dibromochloromethane
Concen: 0.871 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU046943.D
Acq: 01 Feb 2022 02:01



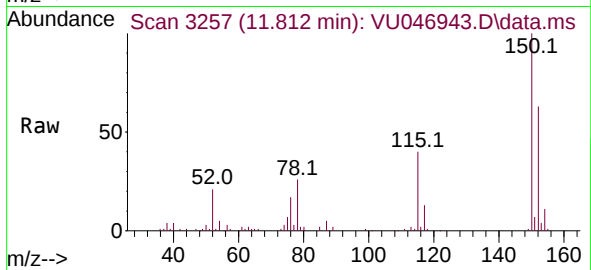
Tgt Ion:129 Resp: 5788
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.502 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046943.D
 Acq: 01 Feb 2022 02:01

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6116
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 34.9 25.5 38.3

