

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046970.D
 Acq On : 01 Feb 2022 17:52
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK031

Quant Time: Feb 02 02:06:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

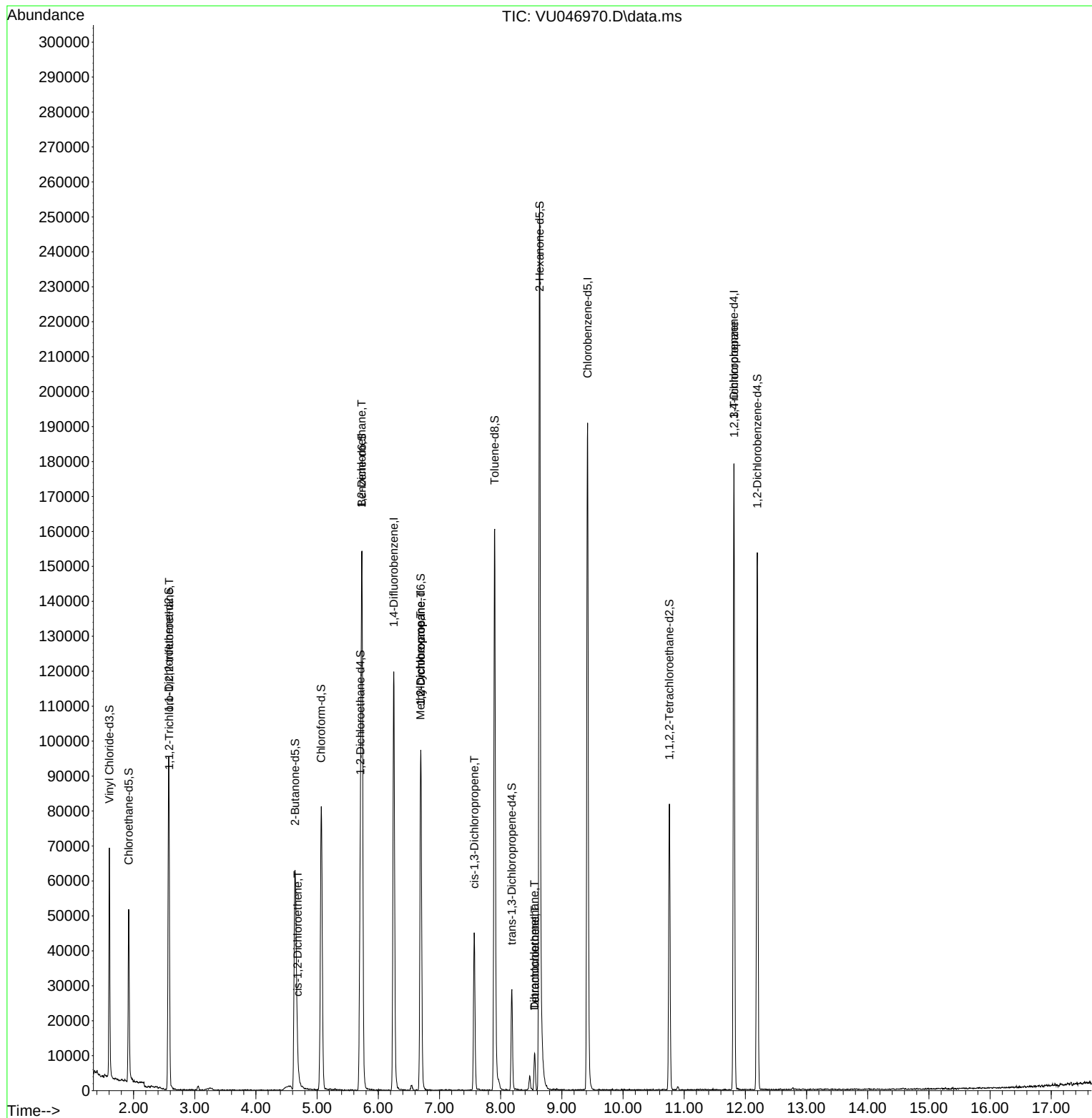
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114030	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	48098	5.744	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.800%
7) Chloroethane-d5	1.919	69	38175	5.786	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.800%
11) 1,1-Dichloroethene-d2	2.575	65	18308	5.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.000%
20) 2-Butanone-d5	4.639	46	111120	44.793	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.580%
24) Chloroform-d	5.066	84	77722	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.706	65	42130	5.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.732	84	147507	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.693	67	48686	4.838	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.902	98	114232	3.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.182	79	17120	3.874	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.635	63	91586	35.002	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.000%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41359	4.094	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	40709	4.555	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	541	0.094	ug/L #	21
22) cis-1,2-Dichloroethene	4.681	96	329	0.052	ug/L	72
27) 1,2-Dichloroethane	5.729	62	694	0.099	ug/L #	73
35) Methylcyclohexane	6.690	83	11189	0.958	ug/L #	17
37) 1,2-Dichloropropane	6.693	63	5273	0.801	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1186	0.115	ug/L #	73
47) Tetrachloroethene	8.558	164	2434	0.429	ug/L	87
49) Dibromochloromethane	8.552	129	2351	0.356	ug/L #	10
61) 1,2,3-Trichloropropane	11.815	75	5944	1.472	ug/L #	66

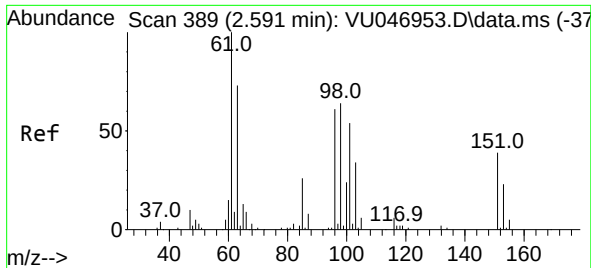
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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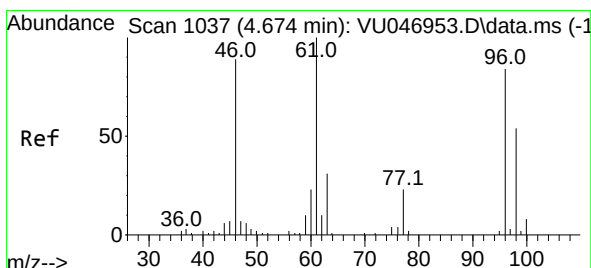
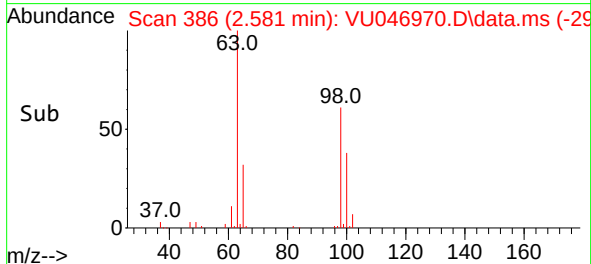
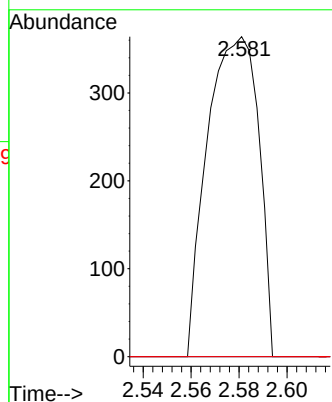
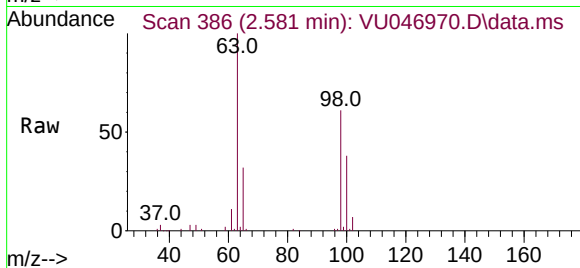




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.094 ug/L
RT: 2.581 min Scan# 389
Delta R.T. -0.010 min
Lab File: VU046970.D
Acq: 01 Feb 2022 17:52

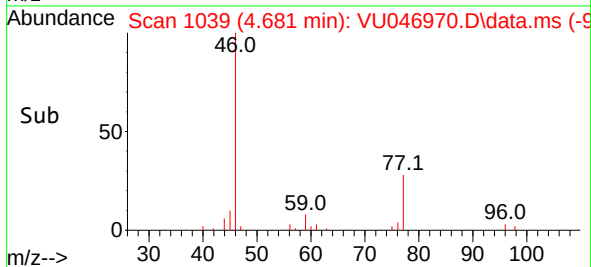
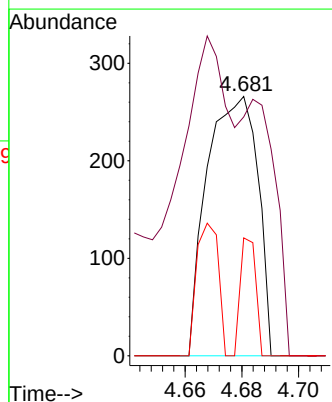
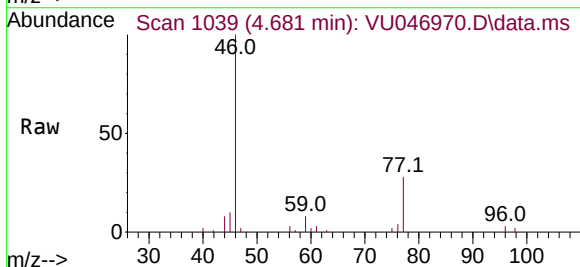
Instrument :
MSVOA_U
ClientSampleId :
VIBLK031

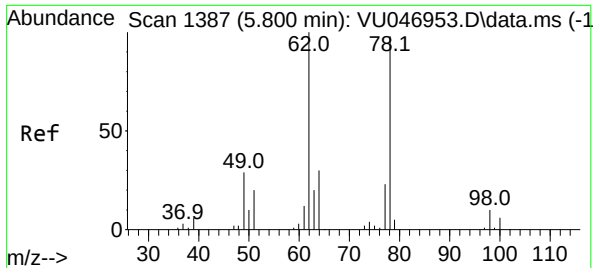
Tgt Ion:101 Resp: 541
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#22
cis-1,2-Dichloroethene
Concen: 0.052 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VU046970.D
Acq: 01 Feb 2022 17:52

Tgt Ion: 96 Resp: 329
Ion Ratio Lower Upper
96 100
61 92.1 88.5 164.3
98 45.5 44.4 82.5

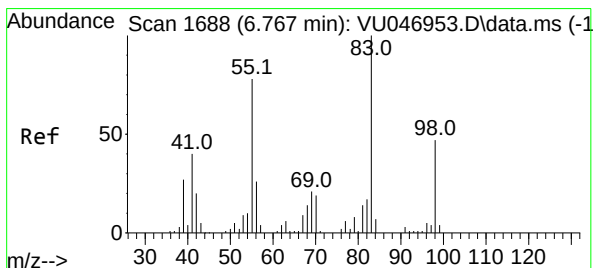
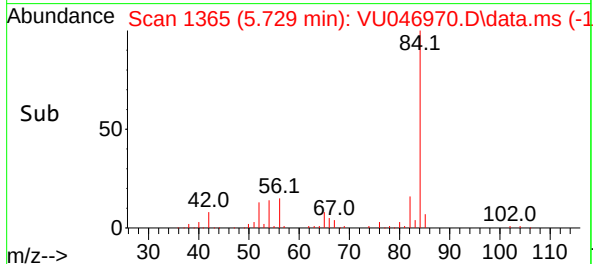
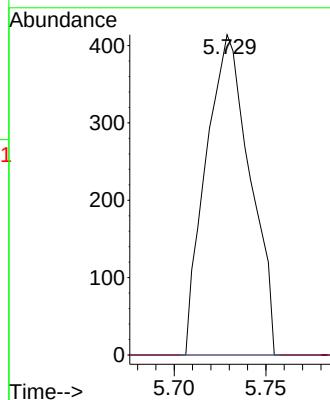
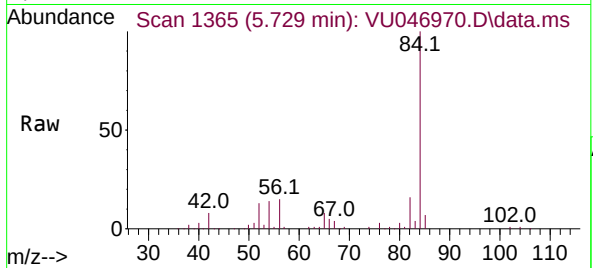




#27
 1,2-Dichloroethane
 Concen: 0.099 ug/L
 RT: 5.729 min Scan# 11
 Delta R.T. -0.071 min
 Lab File: VU046970.D
 Acq: 01 Feb 2022 17:52

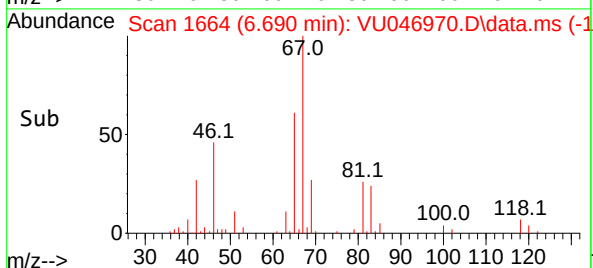
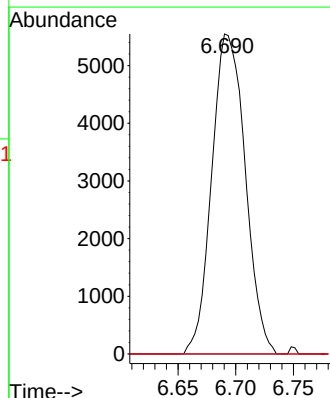
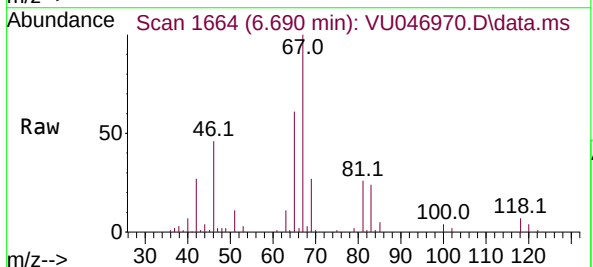
Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK031

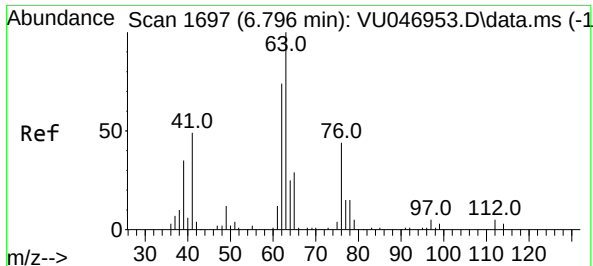
Tgt Ion: 62 Resp: 694
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.8 11.8#



#35
 Methylcyclohexane
 Concen: 0.958 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.077 min
 Lab File: VU046970.D
 Acq: 01 Feb 2022 17:52

Tgt Ion: 83 Resp: 11189
 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: 0.801 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU046970.D

Acq: 01 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

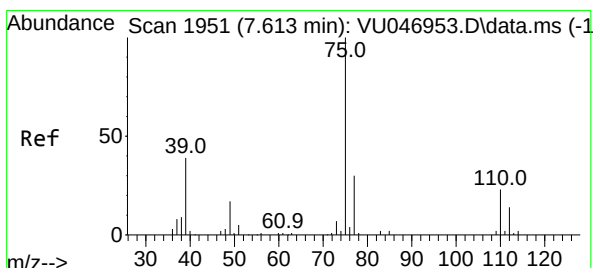
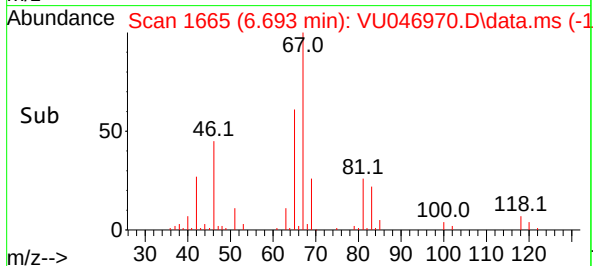
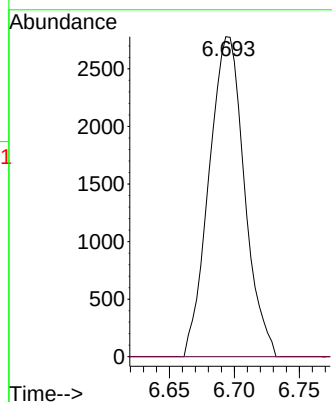
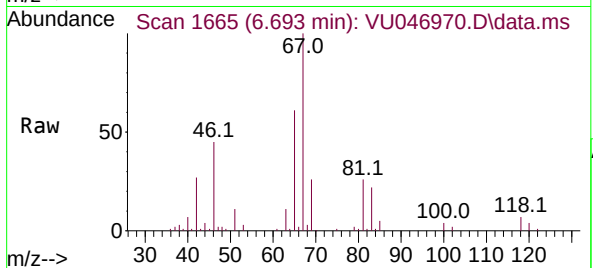
VIBLK031

Tgt Ion: 63 Resp: 5273

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.045 min

Lab File: VU046970.D

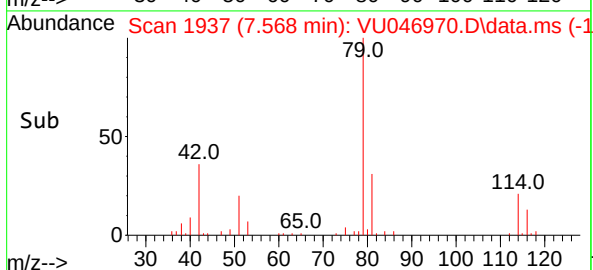
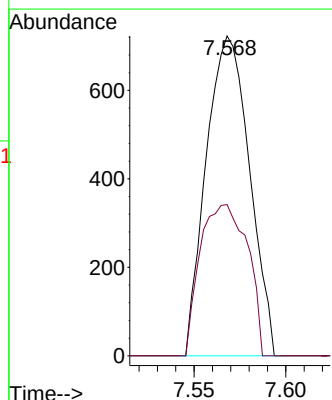
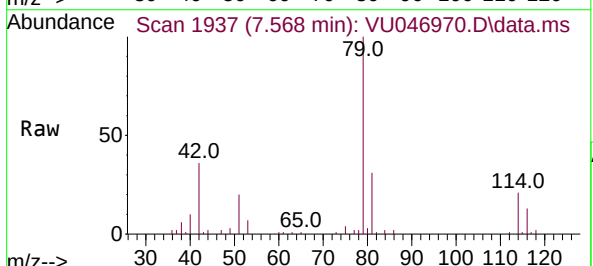
Acq: 01 Feb 2022 17:52

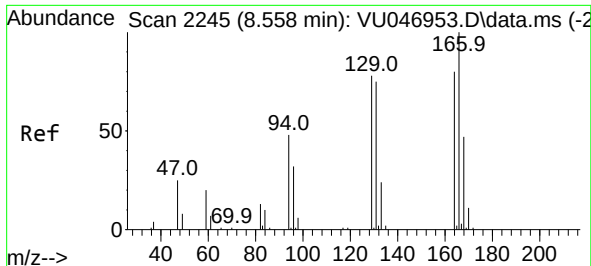
Tgt Ion: 75 Resp: 1186

Ion Ratio Lower Upper

75 100

77 47.3 22.5 41.9#

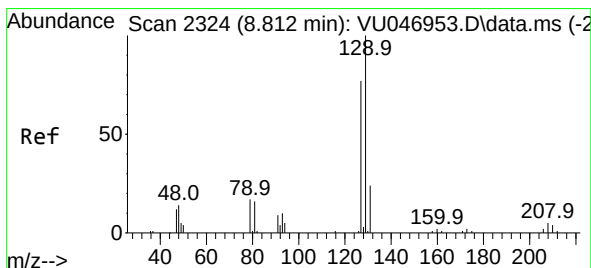
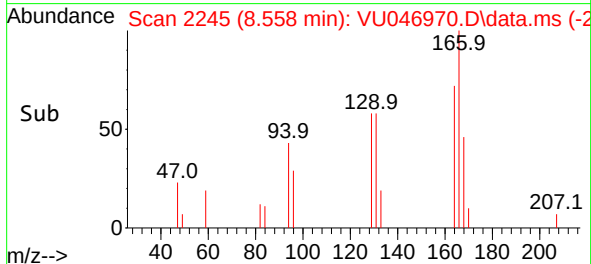
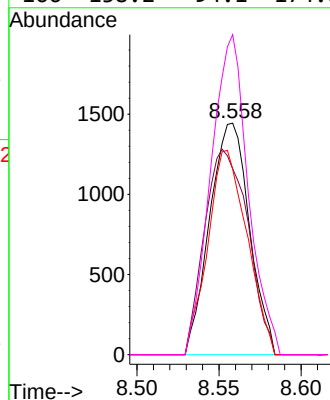
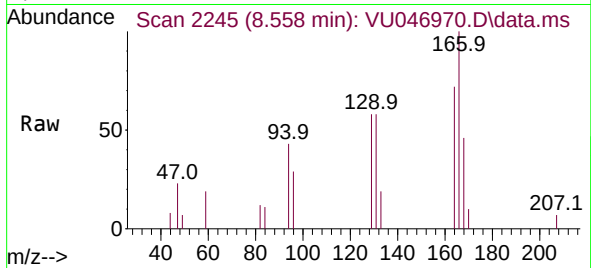




#47
Tetrachloroethene
Concen: 0.429 ug/L
RT: 8.558 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046970.D
Acq: 01 Feb 2022 17:52

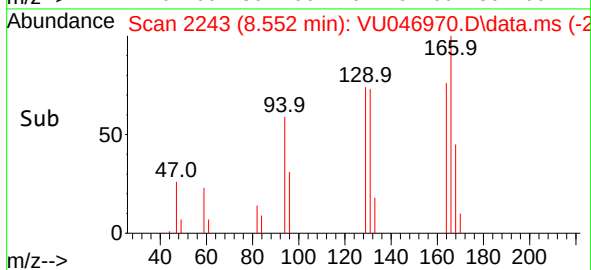
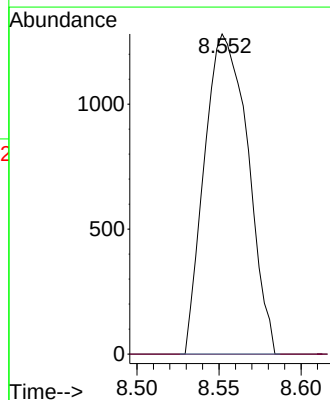
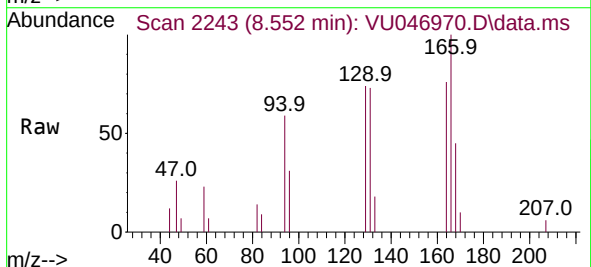
Instrument :
MSVOA_U
ClientSampleId :
VIBLK031

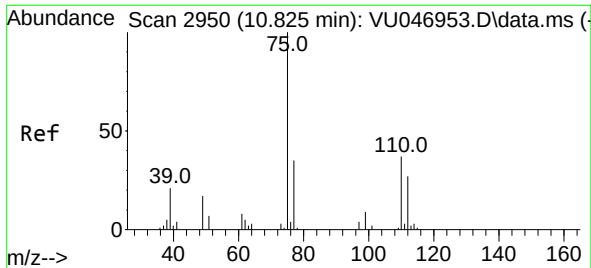
Tgt Ion:	164	Resp:	2434
Ion	Ratio	Lower	Upper
164	100		
129	80.3	71.8	133.4
131	80.2	68.5	127.3
166	138.2	94.1	174.8



#49
Dibromochloromethane
Concen: 0.356 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046970.D
Acq: 01 Feb 2022 17:52

Tgt Ion:	129	Resp:	2351
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.472 ug/L
 RT: 11.815 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU046970.D
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Tgt Ion: 75 Resp: 5944
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 31.0 25.5 38.3

