

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046739.D
 Acq On : 12 Jan 2022 13:52
 Operator : SY/MD
 Sample : N1101-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Quant Time: Jan 13 01:01:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

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

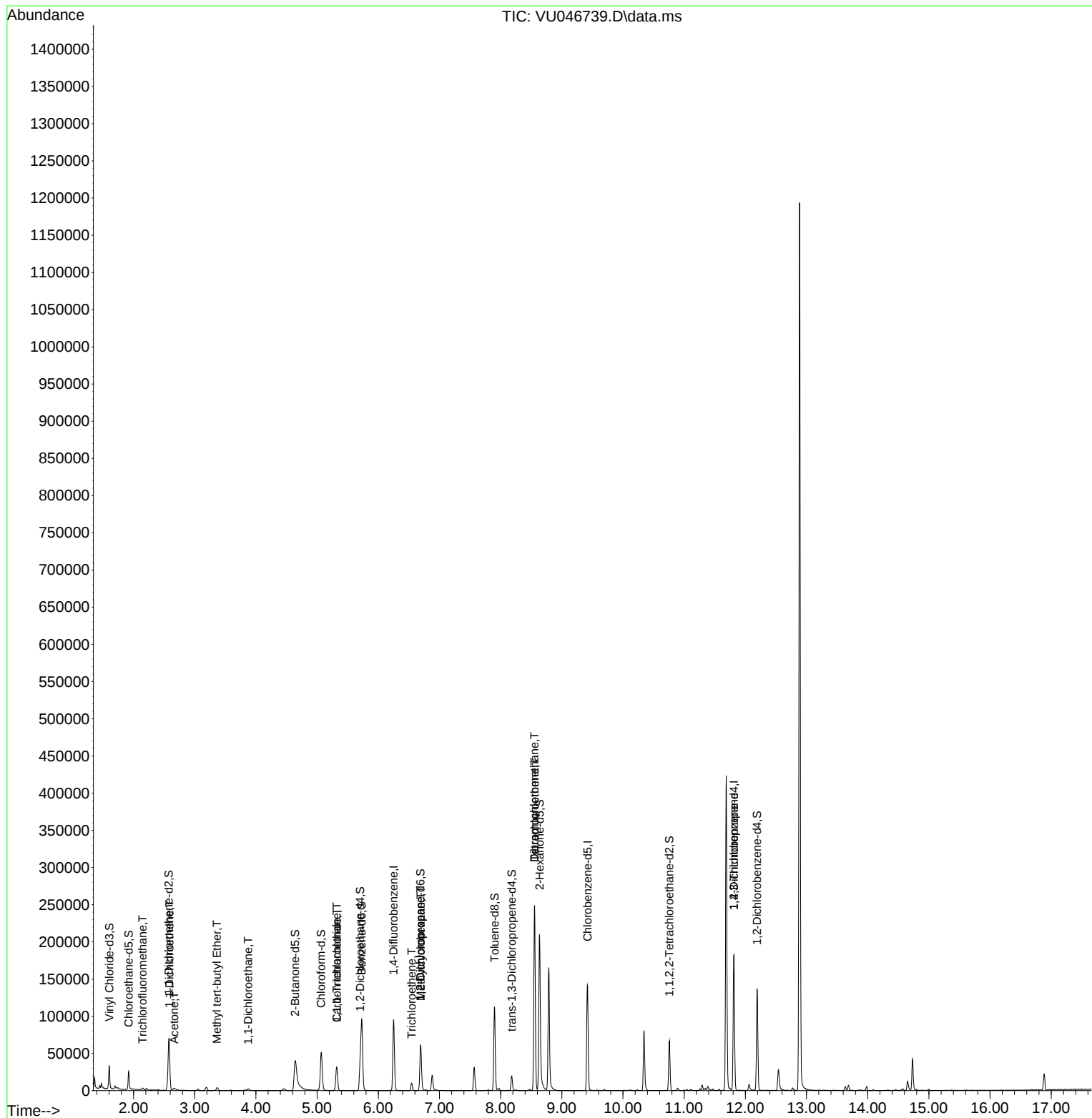
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	47955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20390	3.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.919	69	18999	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.575	65	9229	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.643	46	77452	42.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.067	84	48075	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.704	65	29023	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.729	84	91202	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.691	67	29813	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.900	98	75855	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.183	79	12853	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.636	63	84861	45.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32039	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	35181	3.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	740	0.055	ug/L #	81
12) 1,1-Dichloroethene	2.588	96	11573	1.666	ug/L	96
13) Acetone	2.665	43	7170	4.240	ug/L	74
17) Methyl tert-butyl Ether	3.363	73	4864	0.240	ug/L	98
19) 1,1-Dichloroethane	3.874	63	2165	0.159	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	23878	1.751	ug/L	97
31) Carbon tetrachloride	5.321	117	3042	0.266	ug/L	97
34) Trichloroethene	6.546	95	3705	0.429	ug/L	95
35) Methylcyclohexane	6.694	83	7359	0.604	ug/L #	28
37) 1,2-Dichloropropane	6.691	63	3204	0.383	ug/L #	88
47) Tetrachloroethene	8.556	164	56156	9.190	ug/L	94
49) Dibromochloromethane	8.552	129	54070	6.505	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	5467	0.686	ug/L #	63

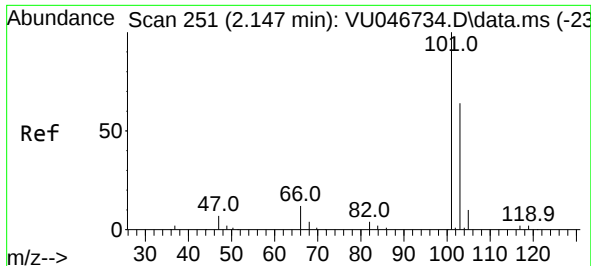
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
Data File : VU046739.D
Acq On : 12 Jan 2022 13:52
Operator : SY/MD
Sample : N1101-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFXW7

Quant Time: Jan 13 01:01:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 10 00:25:50 2022
Response via : Initial Calibration

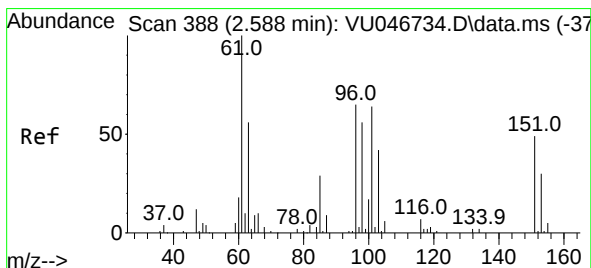
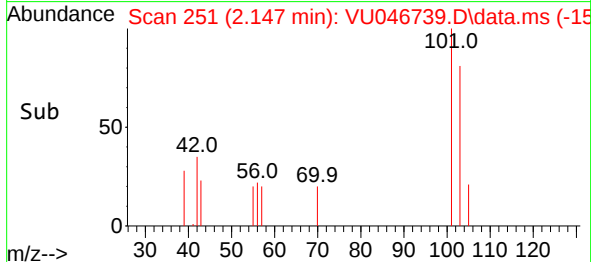
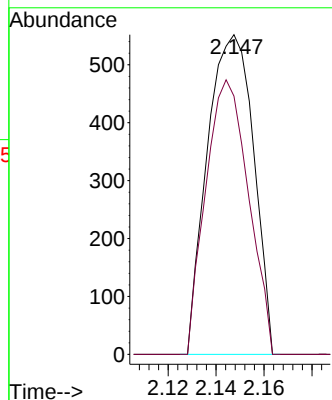
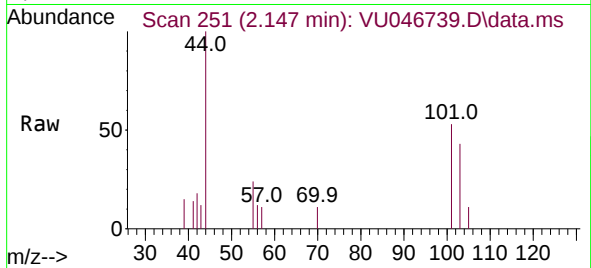




#9
Trichlorofluoromethane
Concen: 0.055 ug/L
RT: 2.147 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

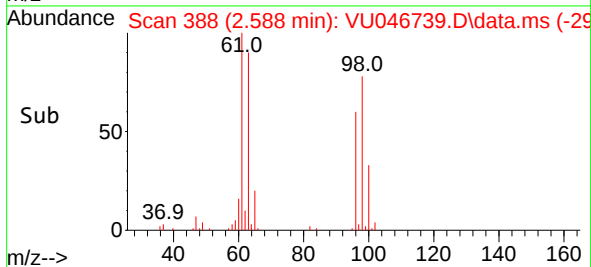
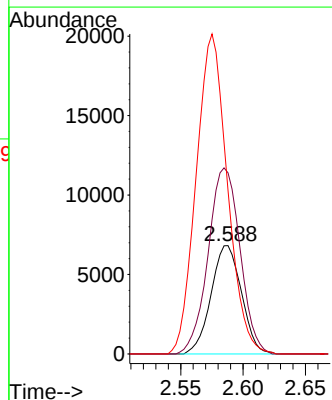
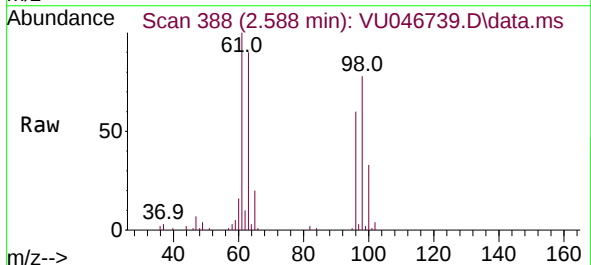
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

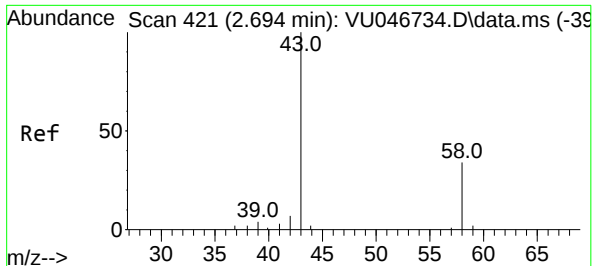
Tgt Ion:101 Resp: 740
Ion Ratio Lower Upper
101 100
103 79.2 51.5 77.3#



#12
1,1-Dichloroethene
Concen: 1.666 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion: 96 Resp: 11573
Ion Ratio Lower Upper
96 100
61 167.0 124.7 231.5
63 150.7 105.2 195.4

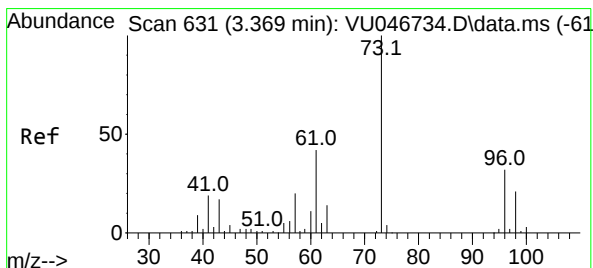
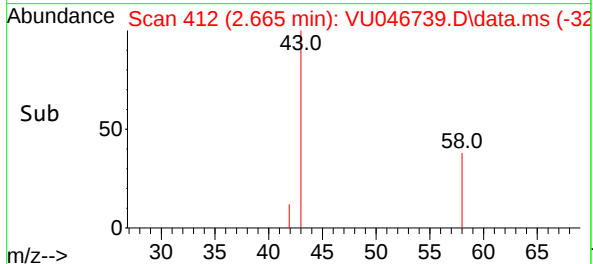
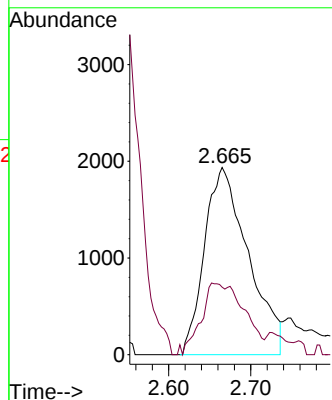
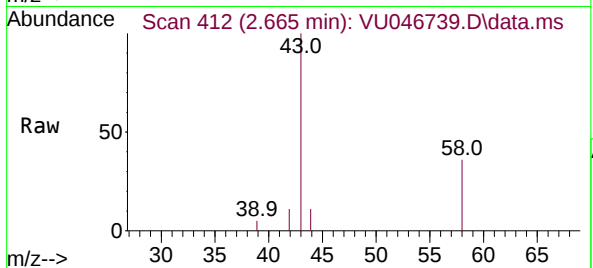




#13
Acetone
Concen: 4.240 ug/L
RT: 2.665 min Scan# 41
Delta R.T. -0.019 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

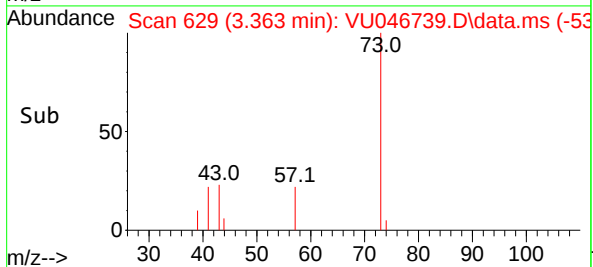
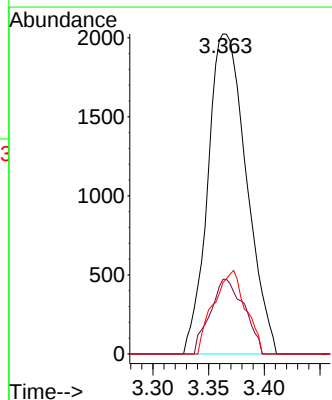
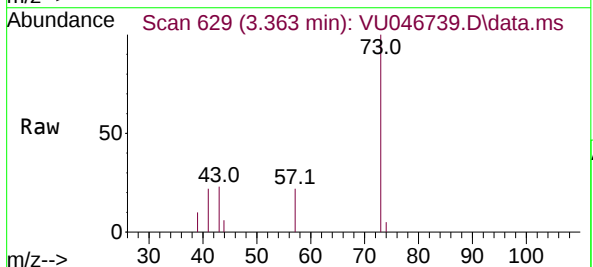
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

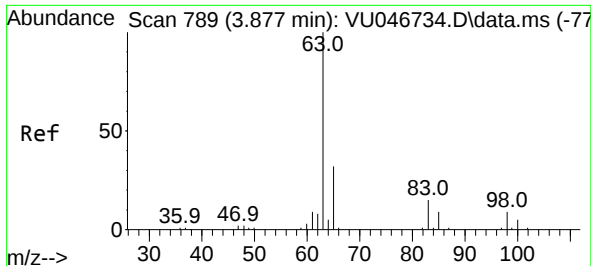
Tgt Ion: 43 Resp: 7170
Ion Ratio Lower Upper
43 100
58 20.3 0.0 71.6



#17
Methyl tert-butyl Ether
Concen: 0.240 ug/L
RT: 3.363 min Scan# 629
Delta R.T. 0.004 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion: 73 Resp: 4864
Ion Ratio Lower Upper
73 100
43 20.6 14.8 22.2
57 21.6 17.4 26.0

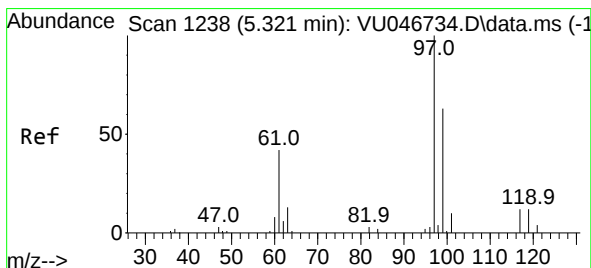
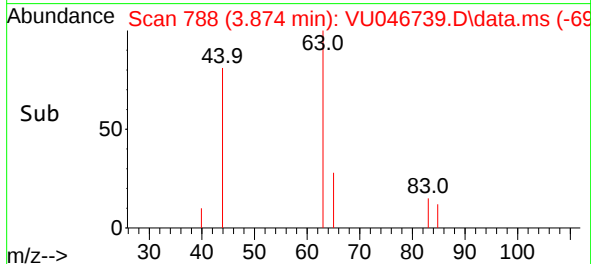
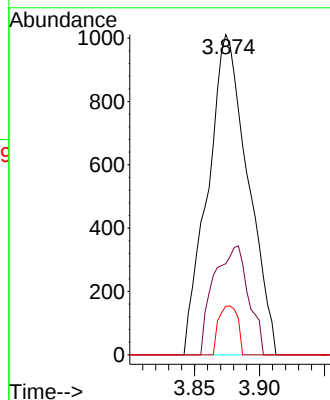
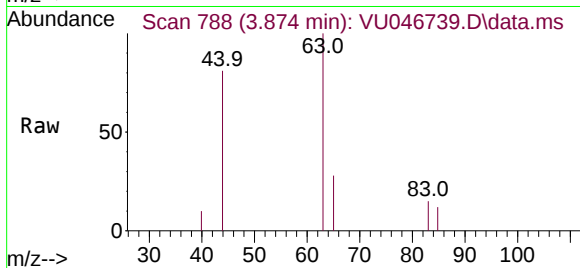




#19
 1,1-Dichloroethane
 Concen: 0.159 ug/L
 RT: 3.874 min Scan# 788
 Delta R.T. 0.007 min
 Lab File: VU046739.D
 Acq: 12 Jan 2022 13:52

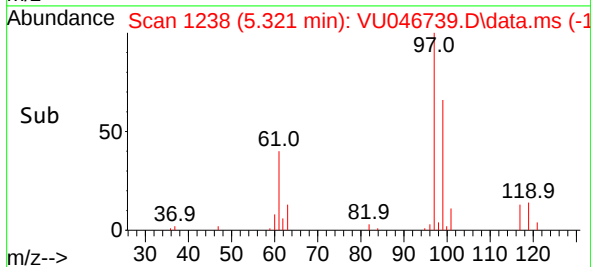
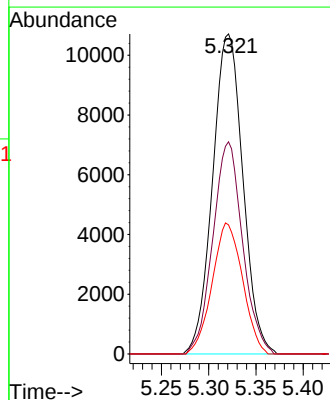
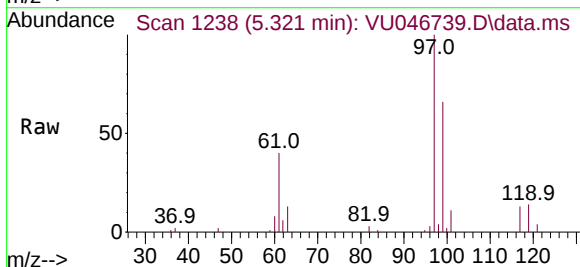
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

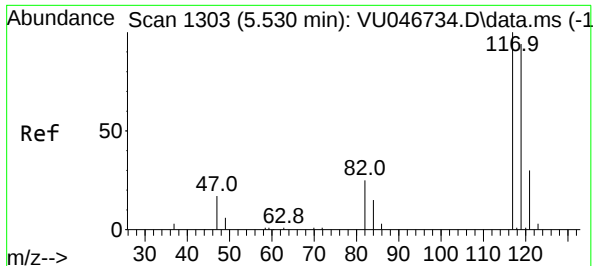
Tgt Ion:	63	Resp:	2165
Ion	Ratio	Lower	Upper
63	100		
65	28.5	22.3	41.5
83	15.1	9.6	17.8



#29
 1,1,1-Trichloroethane
 Concen: 1.751 ug/L
 RT: 5.321 min Scan# 1238
 Delta R.T. 0.004 min
 Lab File: VU046739.D
 Acq: 12 Jan 2022 13:52

Tgt Ion:	97	Resp:	23878
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	41.0	36.1	54.1

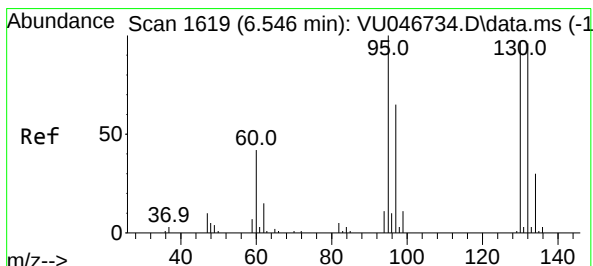
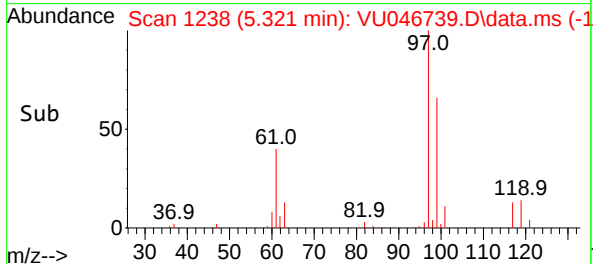
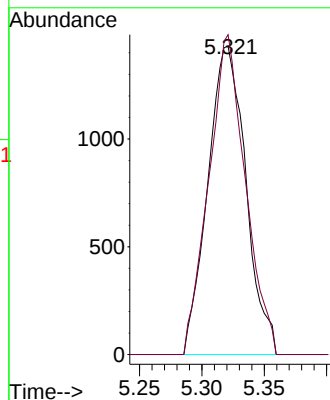
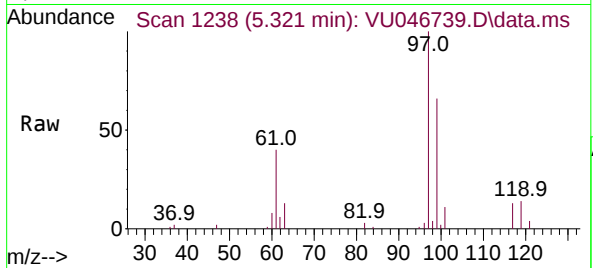




#31
Carbon tetrachloride
Concen: 0.266 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.205 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

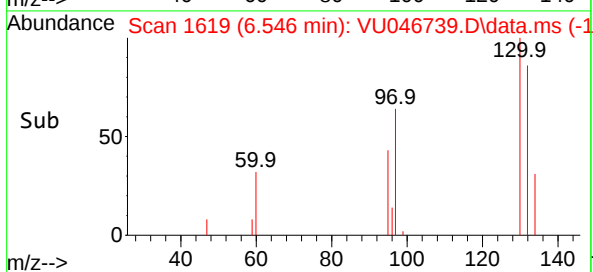
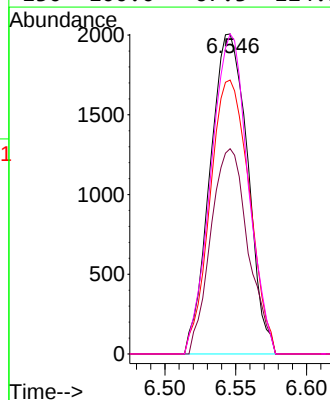
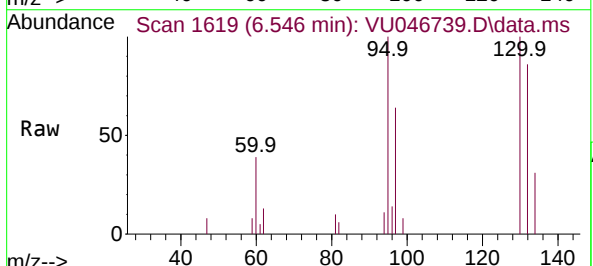
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

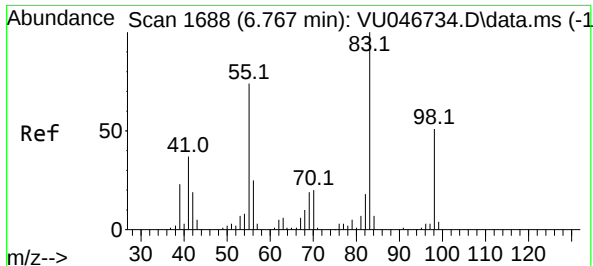
Tgt Ion:117 Resp: 3042
Ion Ratio Lower Upper
117 100
119 99.8 77.5 116.3



#34
Trichloroethene
Concen: 0.429 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.004 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion: 95 Resp: 3705
Ion Ratio Lower Upper
95 100
97 64.2 46.5 86.5
132 85.6 65.1 120.9
130 100.0 67.3 124.9

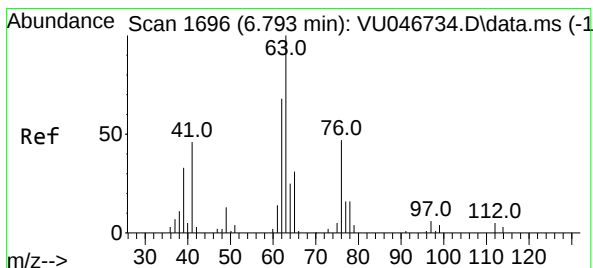
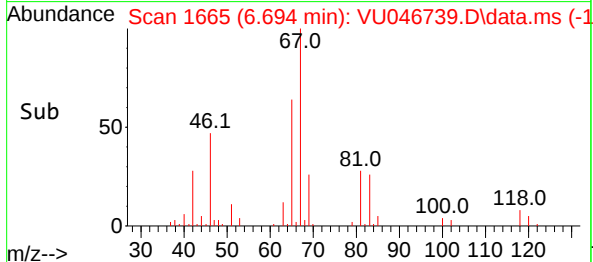
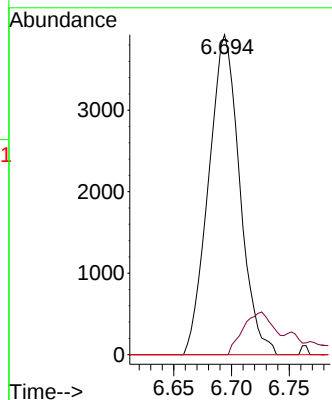
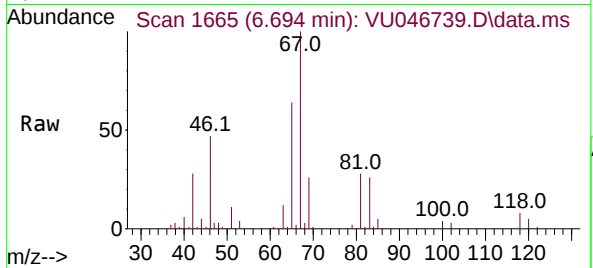




#35
Methylcyclohexane
Concen: 0.604 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.070 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

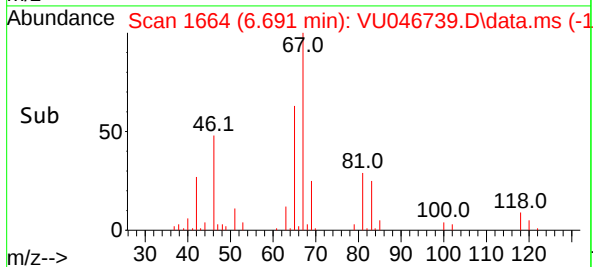
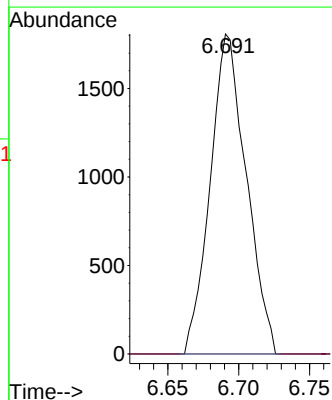
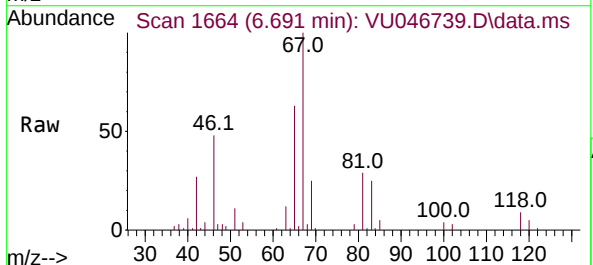
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

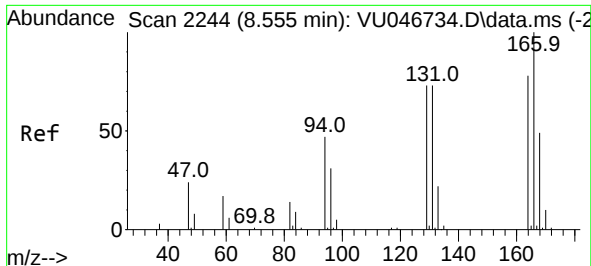
Tgt Ion: 83 Resp: 7359
Ion Ratio Lower Upper
83 100
55 13.6 61.9 92.9#
98 1.1 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.383 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.099 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion: 63 Resp: 3204
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

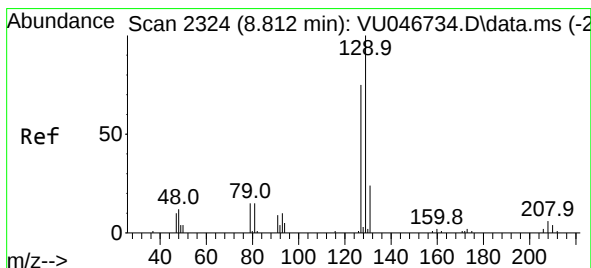
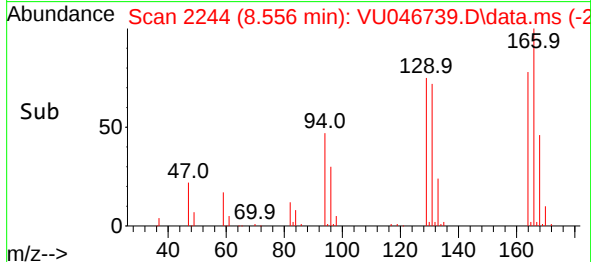
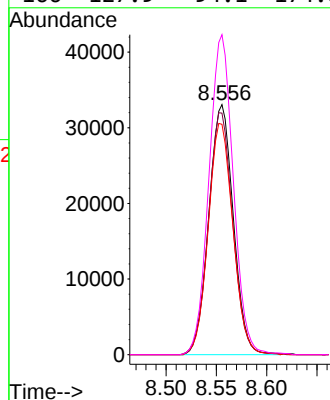
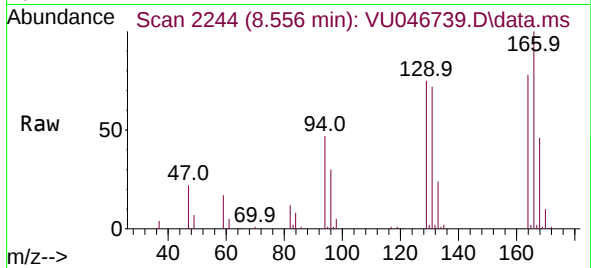




#47
Tetrachloroethene
Concen: 9.190 ug/L
RT: 8.556 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

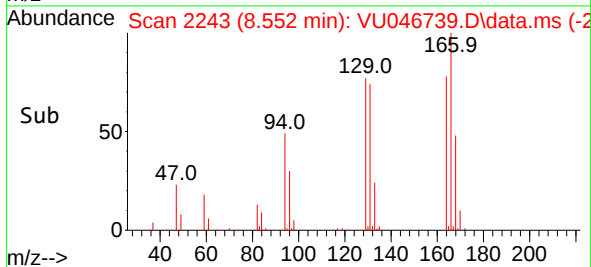
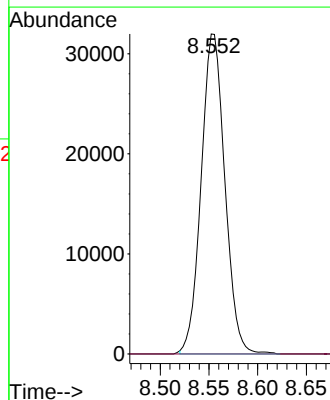
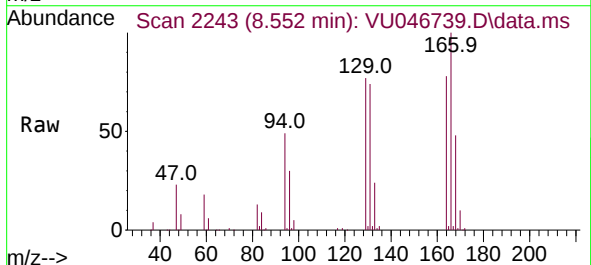
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

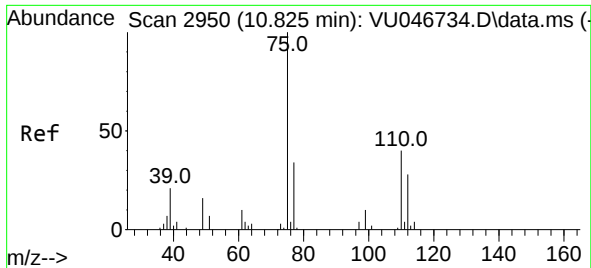
Tgt Ion:164 Resp: 56156
Ion Ratio Lower Upper
164 100
129 96.6 71.8 133.4
131 92.1 68.5 127.3
166 127.9 94.1 174.8



#49
Dibromochloromethane
Concen: 6.505 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion:129 Resp: 54070
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 0.686 ug/L
 RT: 11.813 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046739.D
 Acq: 12 Jan 2022 13:52

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Tgt Ion: 75 Resp: 5467
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 35.9 25.5 38.3

