

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046747.D
 Acq On : 12 Jan 2022 17:07
 Operator : SY/MD
 Sample : N1101-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW8

Quant Time: Jan 13 01:02:44 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)

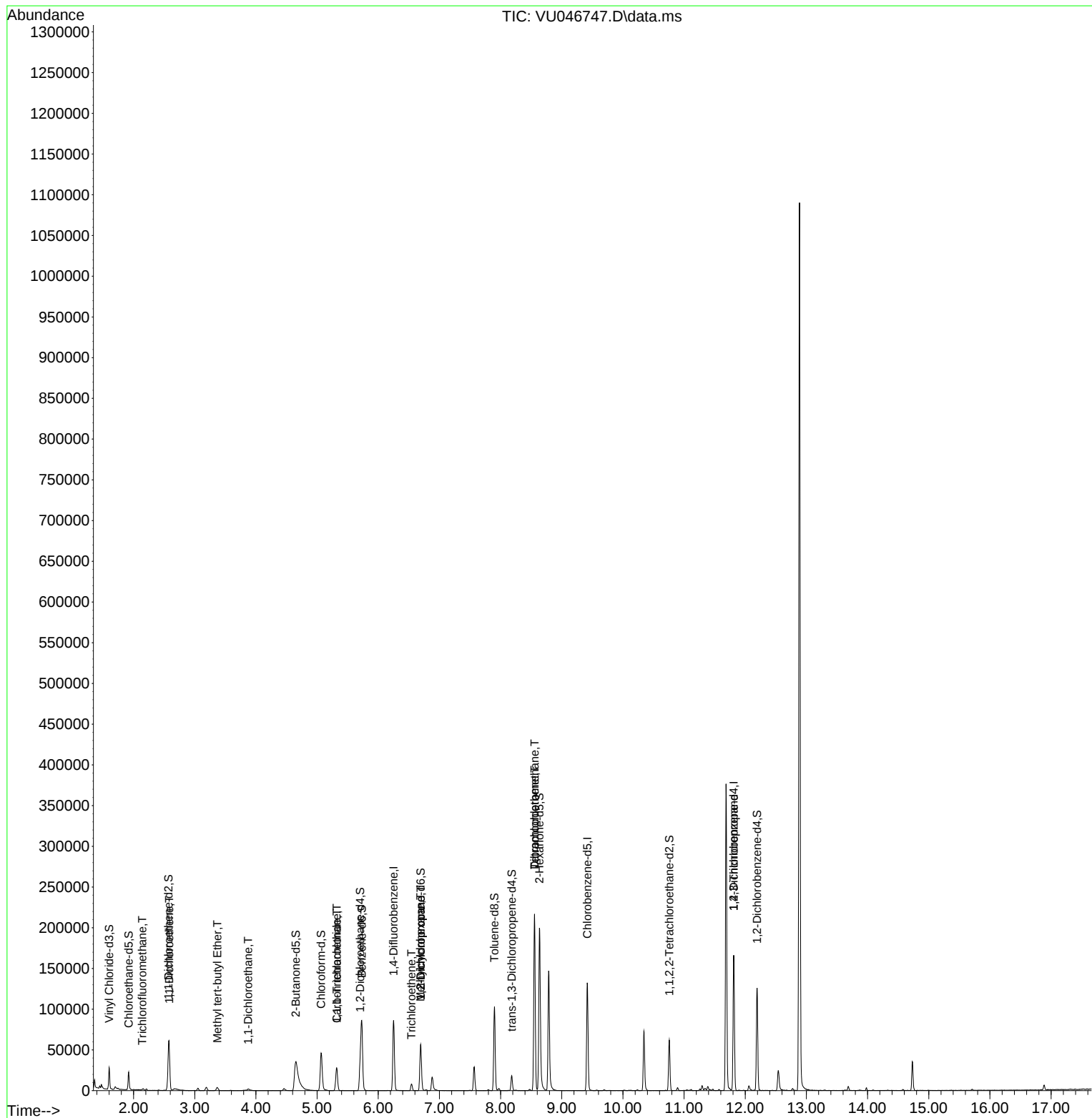
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72624	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	76758	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44655	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	17666	3.088	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.800%
7) Chloroethane-d5	1.919	69	16602	3.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.571	65	8200	3.399	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	4.652	46	87839	52.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.880%
24) Chloroform-d	5.066	84	44347	4.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.703	65	26017	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.732	84	83481	3.901	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
36) 1,2-Dichloropropane-d6	6.693	67	27463	4.271	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.899	98	69665	3.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.800%
43) trans-1,3-Dichloroprop...	8.182	79	11423	3.841	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.635	63	80480	46.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29975	4.542	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	33204	4.037	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.144	101	708	0.057	ug/L	93
12) 1,1-Dichloroethene	2.584	96	9882	1.547	ug/L	85
17) Methyl tert-butyl Ether	3.369	73	4931	0.265	ug/L #	86
19) 1,1-Dichloroethane	3.874	63	1957	0.156	ug/L #	95
29) 1,1,1-Trichloroethane	5.321	97	21164	1.667	ug/L	96
31) Carbon tetrachloride	5.321	117	2674	0.251	ug/L	98
34) Trichloroethene	6.542	95	2878	0.358	ug/L	96
35) Methylcyclohexane	6.690	83	6811	0.601	ug/L #	31
37) 1,2-Dichloropropane	6.693	63	2908	0.374	ug/L #	88
47) Tetrachloroethene	8.555	164	48447	8.516	ug/L	95
49) Dibromochloromethane	8.555	129	46722	6.038	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5016	0.676	ug/L #	65

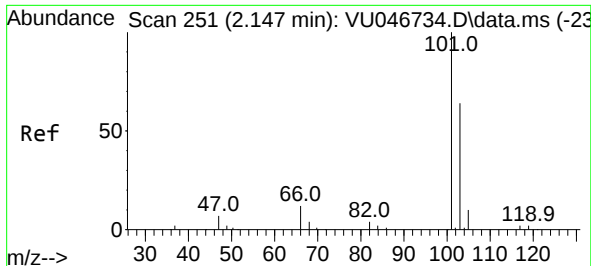
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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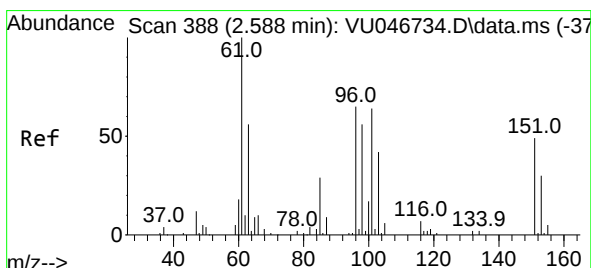
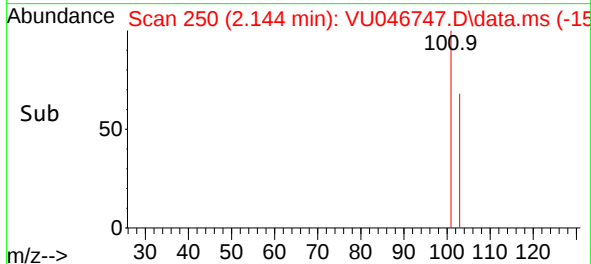
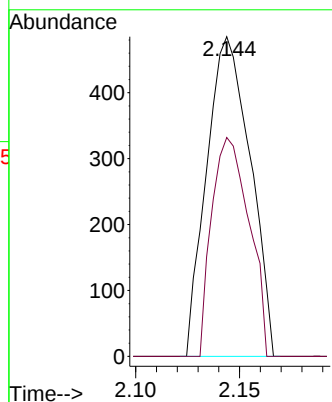
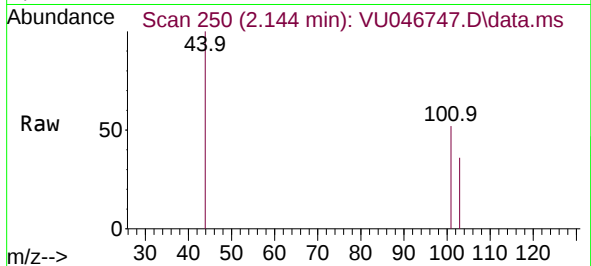




#9
 Trichlorofluoromethane
 Concen: 0.057 ug/L
 RT: 2.144 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU046747.D
 Acq: 12 Jan 2022 17:07

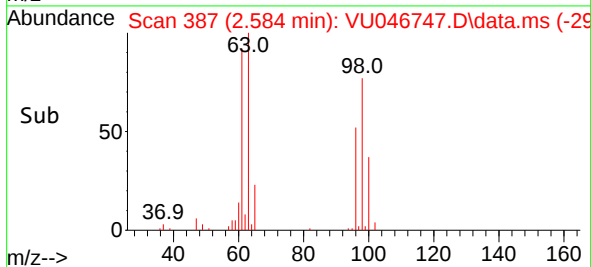
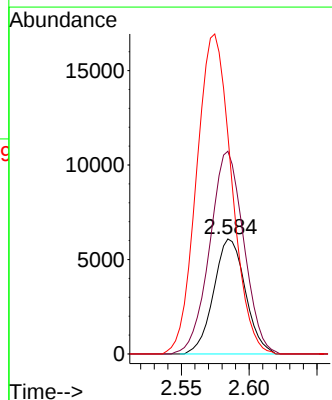
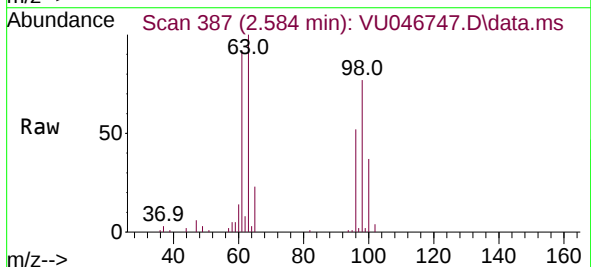
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW8

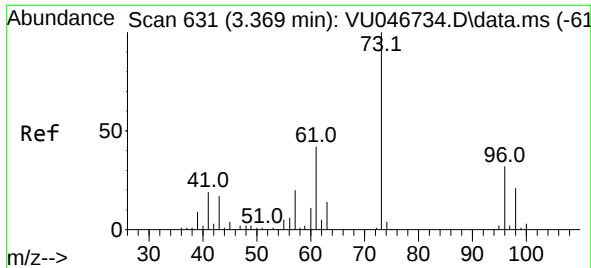
Tgt Ion:101 Resp: 708
 Ion Ratio Lower Upper
 101 100
 103 58.6 51.5 77.3



#12
 1,1-Dichloroethene
 Concen: 1.547 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.006 min
 Lab File: VU046747.D
 Acq: 12 Jan 2022 17:07

Tgt Ion: 96 Resp: 9882
 Ion Ratio Lower Upper
 96 100
 61 176.3 124.7 231.5
 63 190.7 105.2 195.4

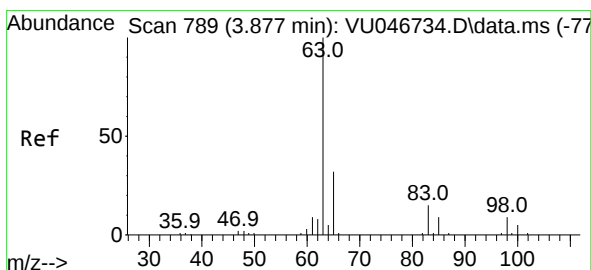
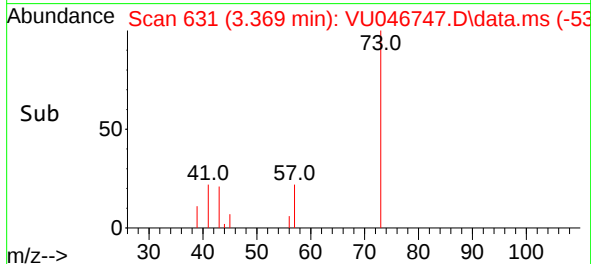
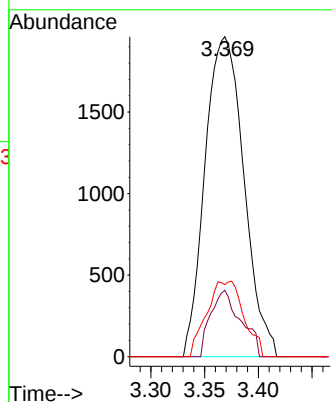
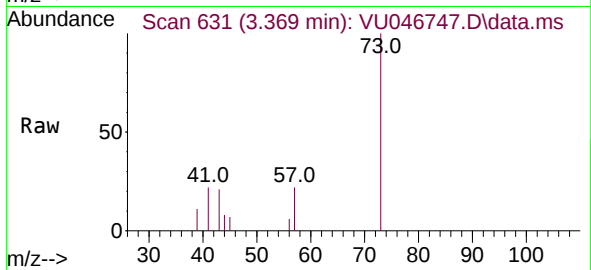




#17
Methyl tert-butyl Ether
Concen: 0.265 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.010 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

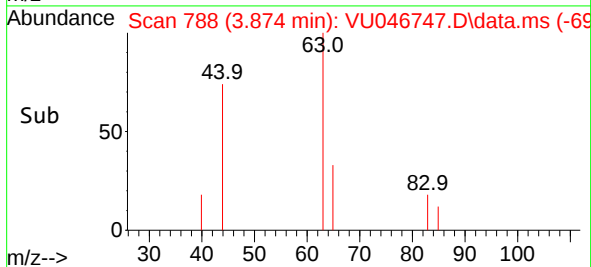
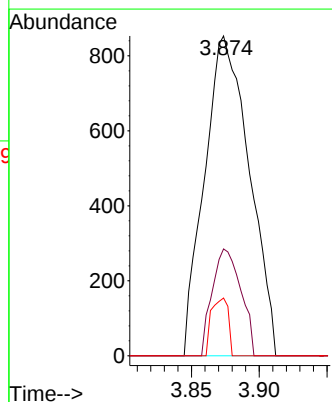
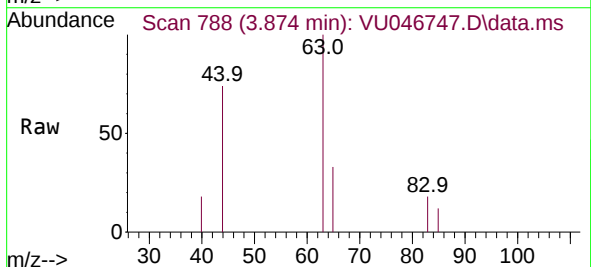
Instrument :
MSVOA_U
ClientSampleId :
BFXW8

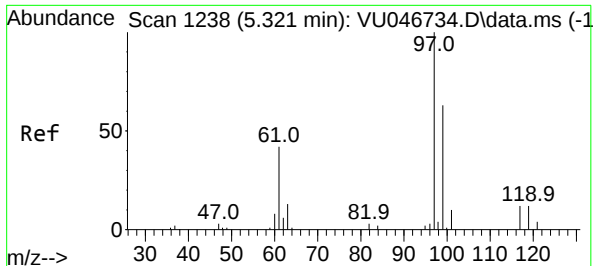
Tgt Ion: 73 Resp: 4931
Ion Ratio Lower Upper
73 100
43 16.1 14.8 22.2
57 11.8 17.4 26.0#



#19
1,1-Dichloroethane
Concen: 0.156 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.006 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Tgt Ion: 63 Resp: 1957
Ion Ratio Lower Upper
63 100
65 33.4 22.3 41.5
83 18.1 9.6 17.8#

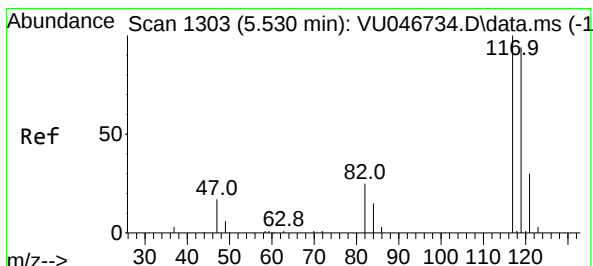
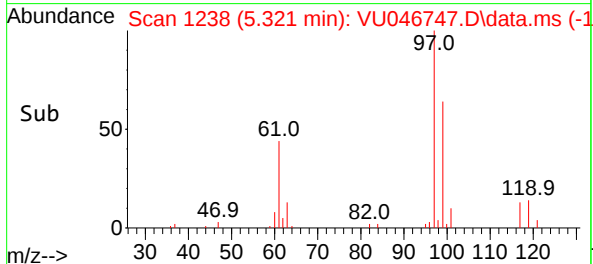
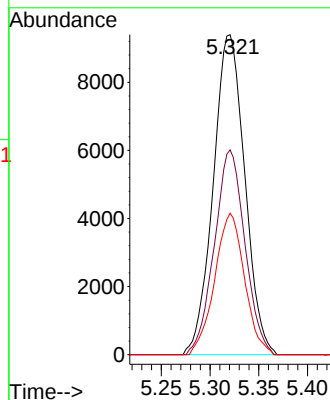
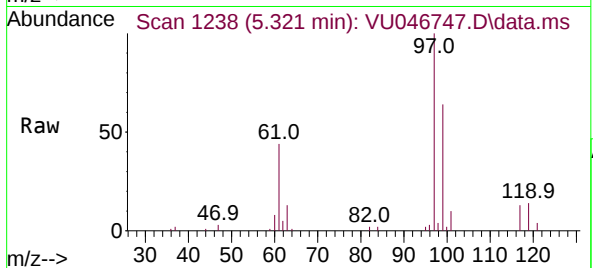




#29
1,1,1-Trichloroethane
Concen: 1.667 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.003 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

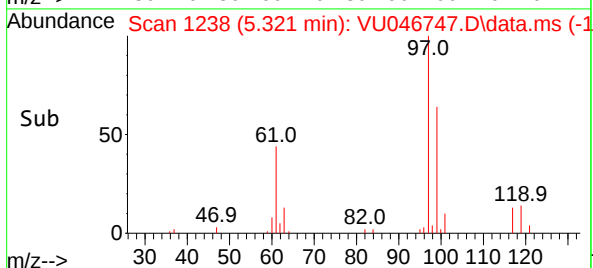
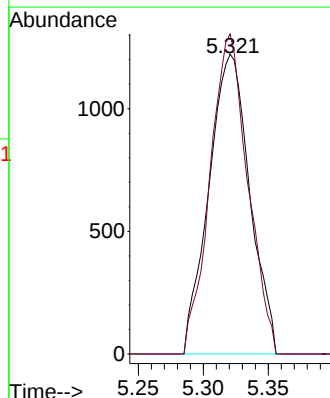
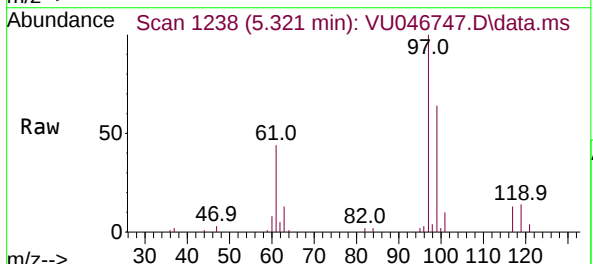
Instrument :
MSVOA_U
ClientSampleId :
BFXW8

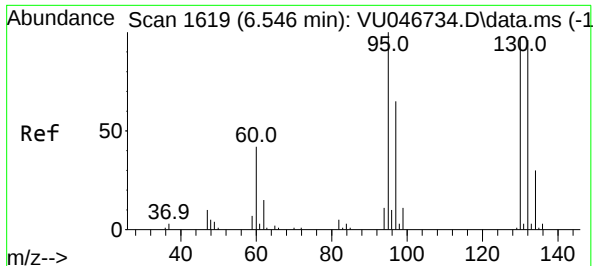
Tgt Ion: 97 Resp: 21164
Ion Ratio Lower Upper
97 100
99 62.0 51.3 76.9
61 41.8 36.1 54.1



#31
Carbon tetrachloride
Concen: 0.251 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.206 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Tgt Ion: 117 Resp: 2674
Ion Ratio Lower Upper
117 100
119 98.7 77.5 116.3



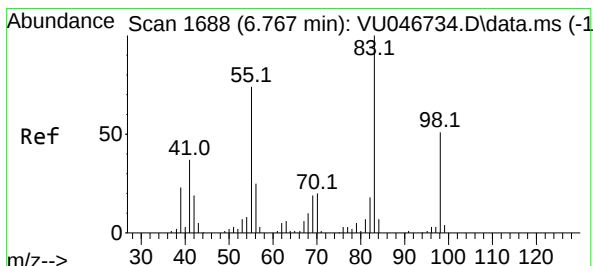
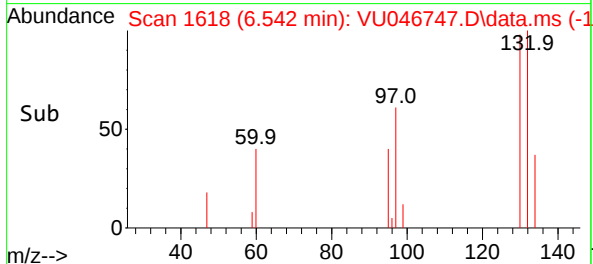
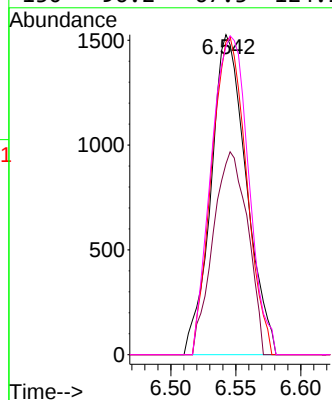
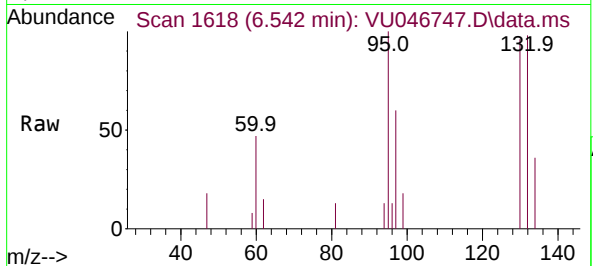


#34
Trichloroethene
Concen: 0.358 ug/L
RT: 6.542 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
BFXW8

Tgt Ion: 95 Resp: 2878

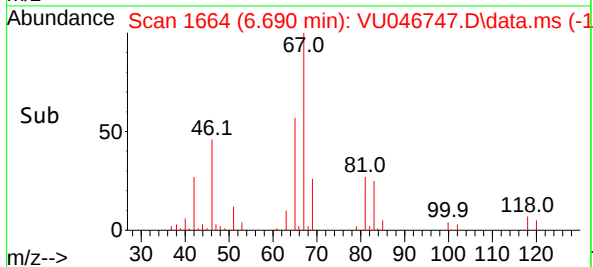
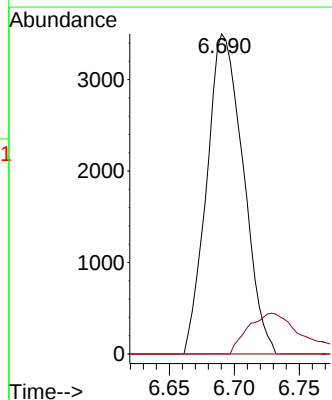
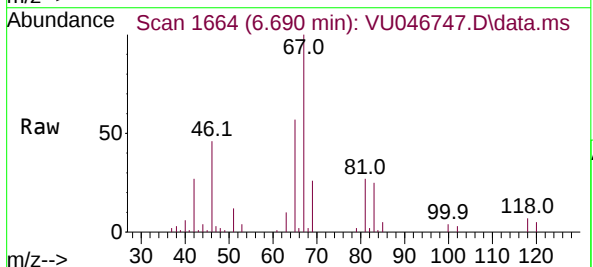
Ion	Ratio	Lower	Upper
95	100		
97	59.7	46.5	86.5
132	97.8	65.1	120.9
130	96.2	67.3	124.9

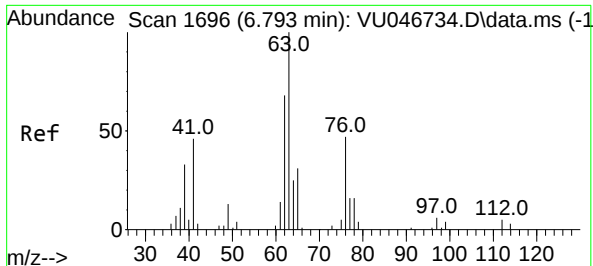


#35
Methylcyclohexane
Concen: 0.601 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Tgt Ion: 83 Resp: 6811

Ion	Ratio	Lower	Upper
83	100		
55	18.7	61.9	92.9#
98	0.0	39.0	58.6#

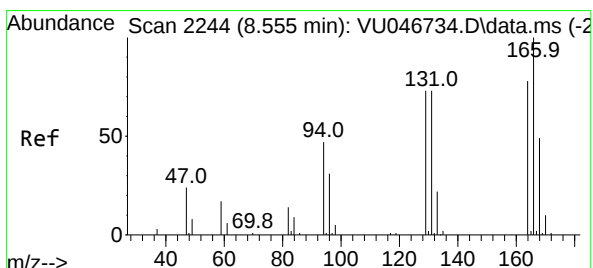
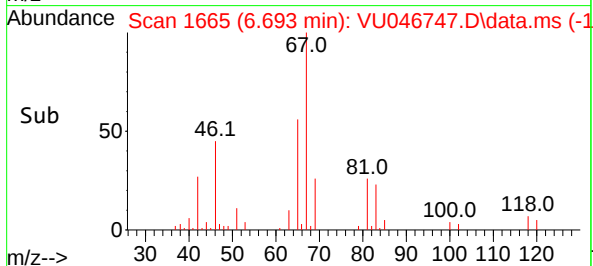
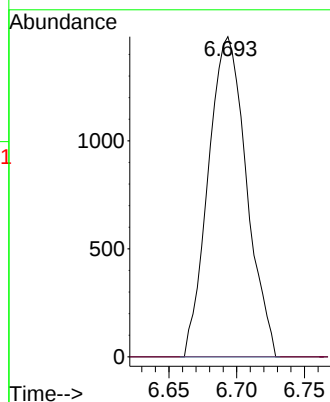
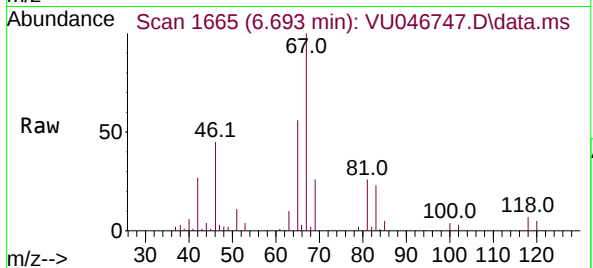




#37
1,2-Dichloropropane
Concen: 0.374 ug/L
RT: 6.693 min Scan# 1
Delta R.T. -0.097 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

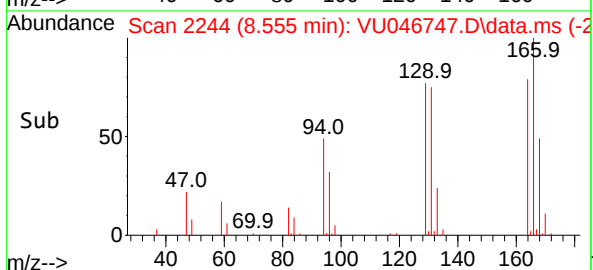
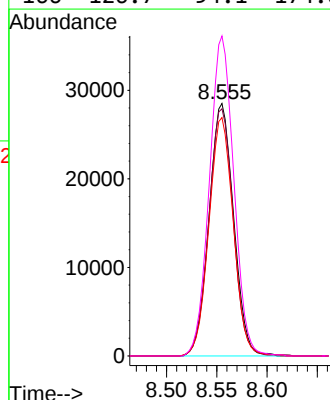
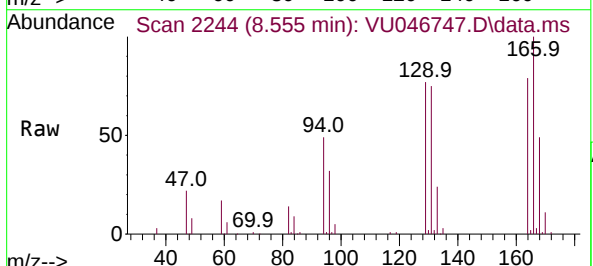
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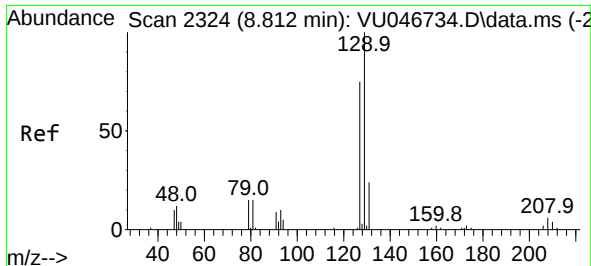
Tgt Ion: 63 Resp: 2908
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#47
Tetrachloroethene
Concen: 8.516 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Tgt Ion:164 Resp: 48447
Ion Ratio Lower Upper
164 100
129 97.9 71.8 133.4
131 94.4 68.5 127.3
166 126.7 94.1 174.8

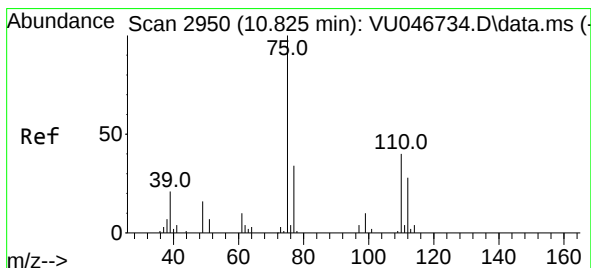
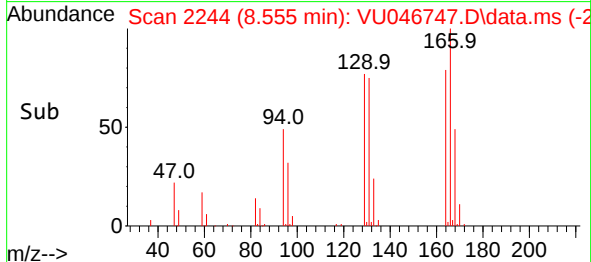
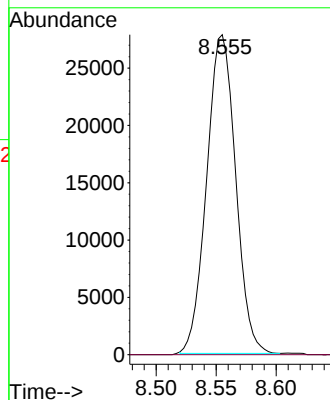
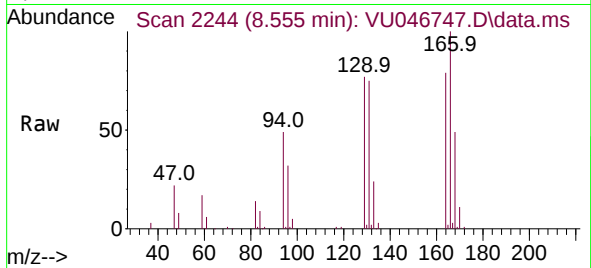




#49
Dibromochloromethane
Concen: 6.038 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Instrument :
MSVOA_U
ClientSampleId :
BFXW8

Tgt Ion:129 Resp: 46722
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 0.676 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046747.D
Acq: 12 Jan 2022 17:07

Tgt Ion: 75 Resp: 5016
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 30.3 25.5 38.3

