

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046745.D
 Acq On : 12 Jan 2022 16:18
 Operator : SY/MD
 Sample : N1101-03DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW4DL

Quant Time: Jan 13 01:02:19 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)

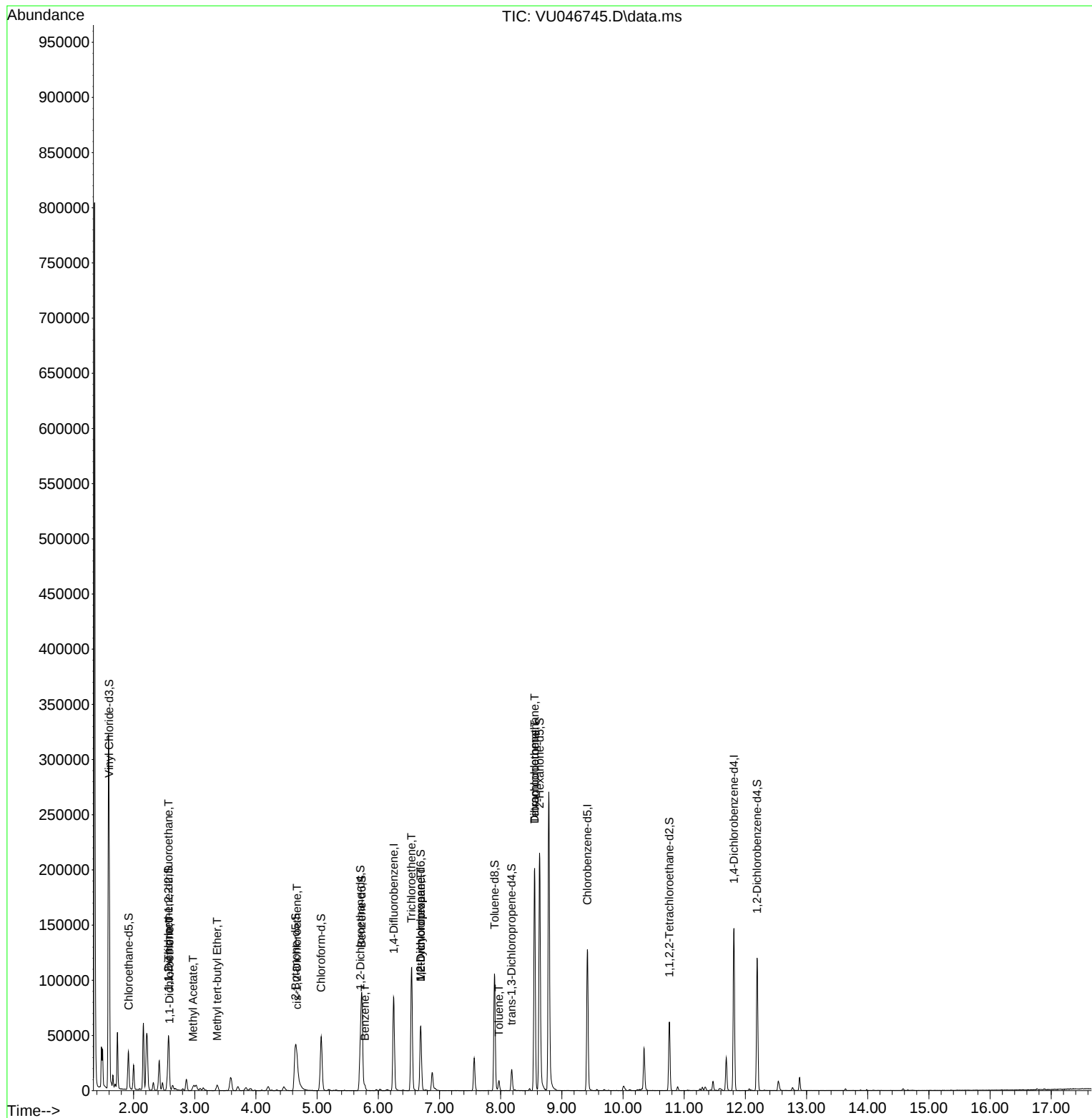
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	70308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	73551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18790	3.393	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.919	69	17652	4.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.572	65	8183	3.504	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	4.649	46	93671	58.312	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.620%
24) Chloroform-d	5.067	84	45689	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.707	65	27588	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.729	84	84714	4.132	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.694	67	28068	4.556	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.200%
41) Toluene-d8	7.899	98	72376	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	11864	4.164	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.636	63	83609	49.977	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30988	4.901	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	32268	4.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	447	0.074	ug/L #	35
12) 1,1-Dichloroethene	2.588	96	1233	0.199	ug/L #	1
15) Methyl Acetate	2.974	43	1007	0.331	ug/L #	51
17) Methyl tert-butyl Ether	3.366	73	2968	0.165	ug/L #	26
22) cis-1,2-Dichloroethene	4.671	96	3785	0.525	ug/L	96
33) Benzene	5.780	78	4954	0.170	ug/L	100
34) Trichloroethene	6.543	95	37839	4.912	ug/L	98
35) Methylcyclohexane	6.694	83	6882	0.634	ug/L #	28
37) 1,2-Dichloropropane	6.694	63	2937	0.394	ug/L #	88
42) Toluene	7.970	91	6940	0.231	ug/L	95
47) Tetrachloroethene	8.555	164	45081	8.270	ug/L	93
49) Dibromochloromethane	8.555	129	43625	5.883	ug/L #	10

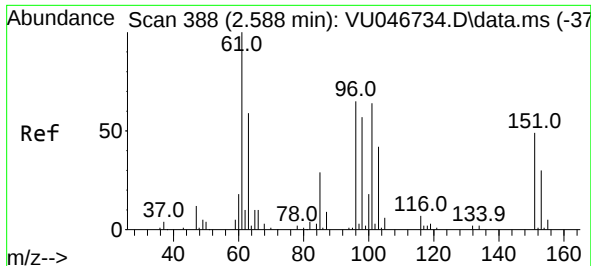
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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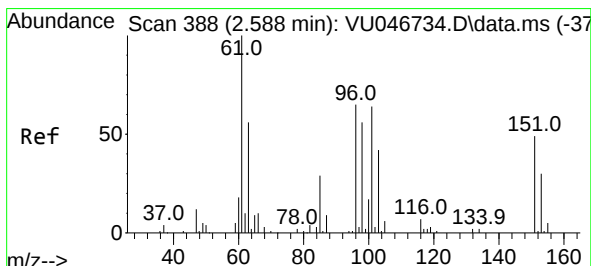
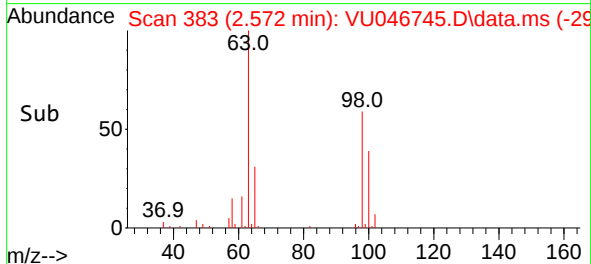
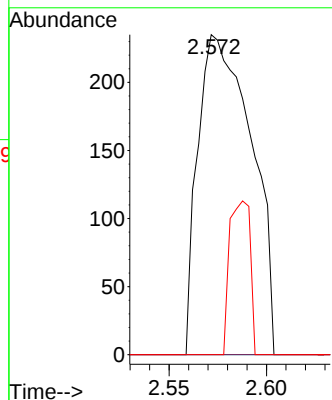
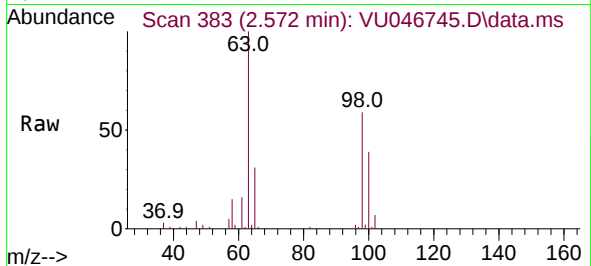




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.572 min Scan# 383
 Delta R.T. -0.006 min
 Lab File: VU046745.D
 Acq: 12 Jan 2022 16:18

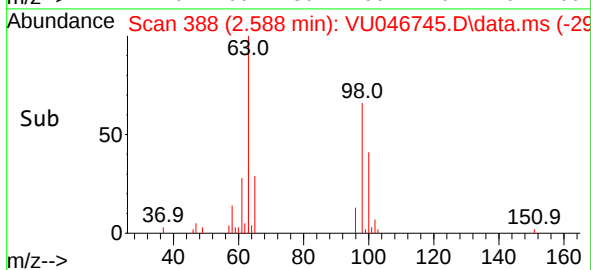
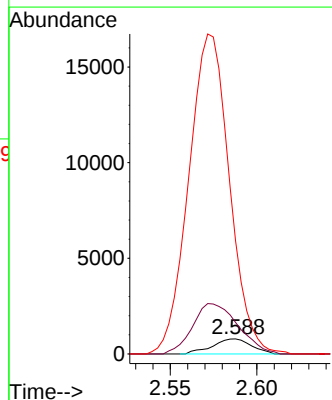
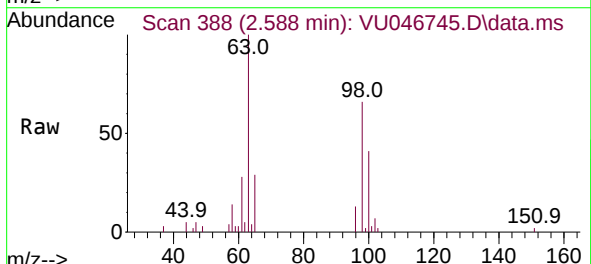
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW4DL

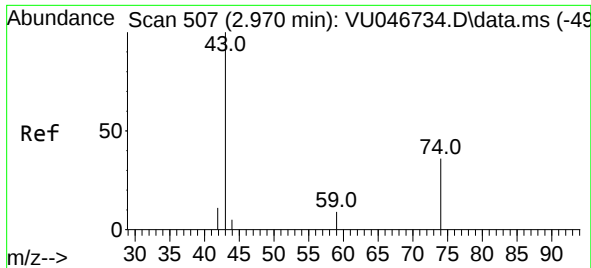
Tgt Ion:101 Resp: 447
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 18.6 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 0.199 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.010 min
 Lab File: VU046745.D
 Acq: 12 Jan 2022 16:18

Tgt Ion: 96 Resp: 1233
 Ion Ratio Lower Upper
 96 100
 61 209.8 124.7 231.5
 63 754.2 105.2 195.4#

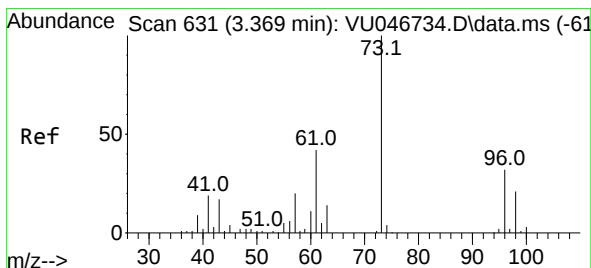
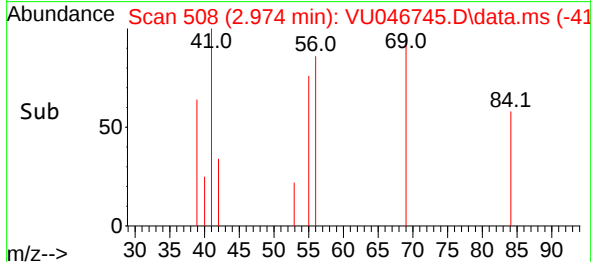
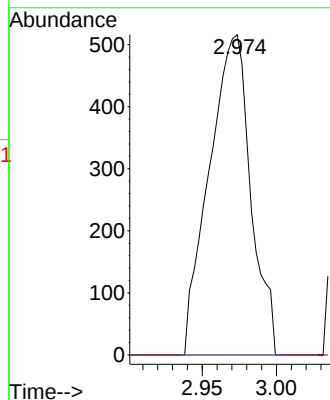
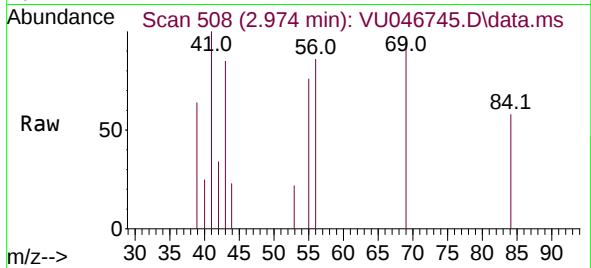




#15
Methyl Acetate
Concen: 0.331 ug/L
RT: 2.974 min Scan# 507
Delta R.T. 0.010 min
Lab File: VU046745.D
Acq: 12 Jan 2022 16:18

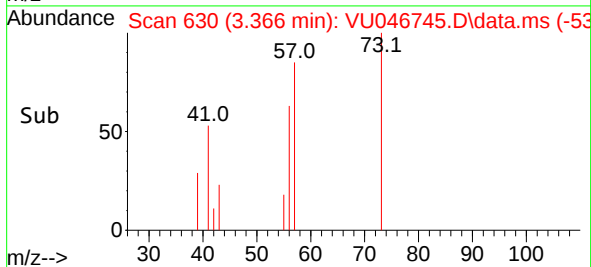
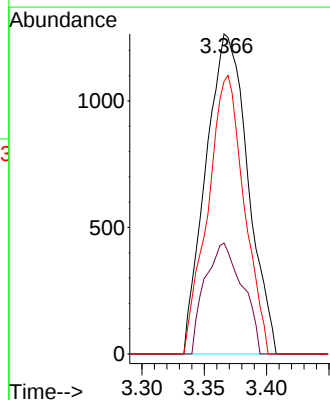
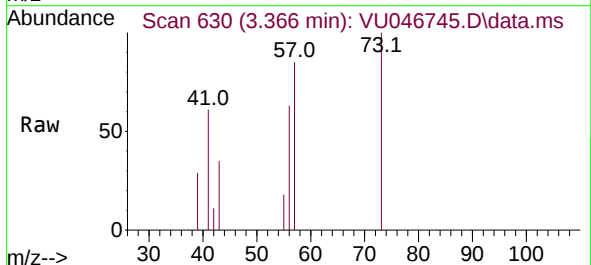
Instrument :
MSVOA_U
ClientSampleId :
BFXW4DL

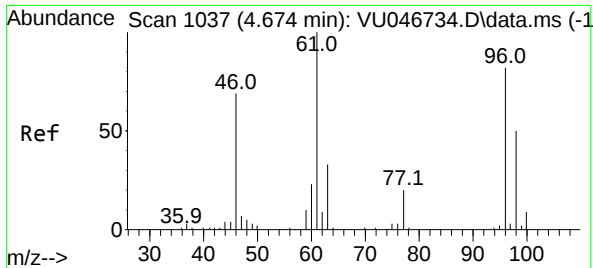
Tgt Ion: 43 Resp: 1007
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#



#17
Methyl tert-butyl Ether
Concen: 0.165 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.007 min
Lab File: VU046745.D
Acq: 12 Jan 2022 16:18

Tgt Ion: 73 Resp: 2968
Ion Ratio Lower Upper
73 100
43 30.8 14.8 22.2#
57 75.3 17.4 26.0#

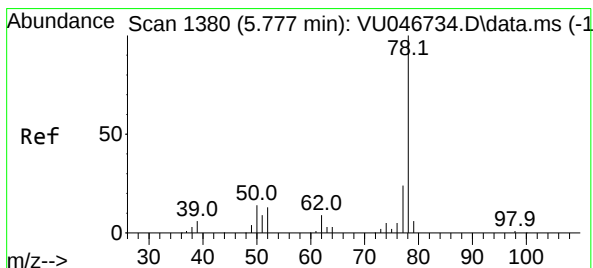
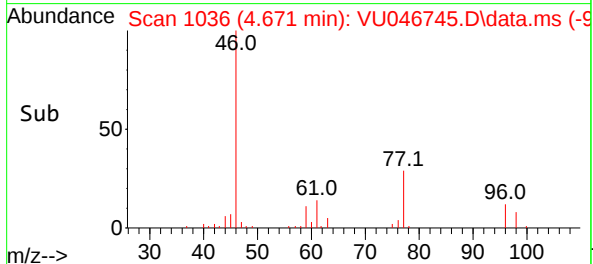
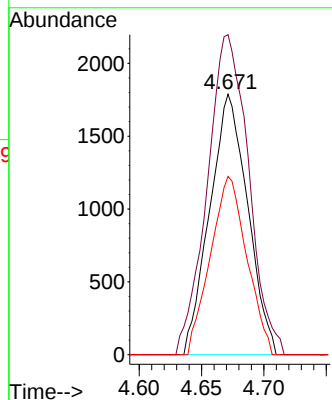
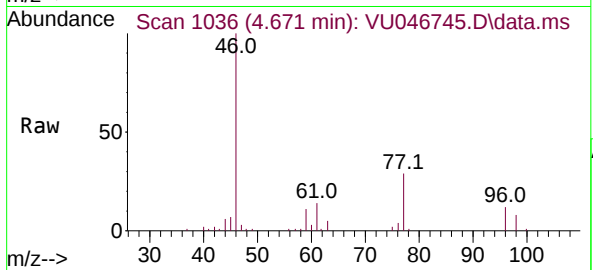




#22
 cis-1,2-Dichloroethene
 Concen: 0.525 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.007 min
 Lab File: VU046745.D
 Acq: 12 Jan 2022 16:18

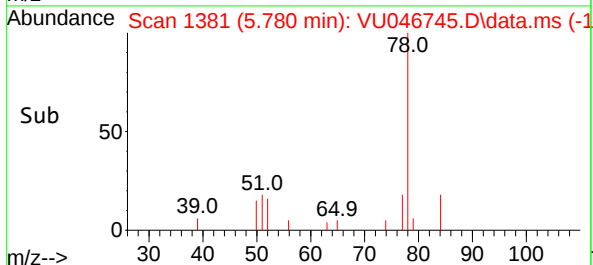
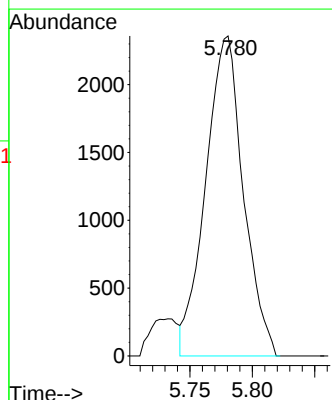
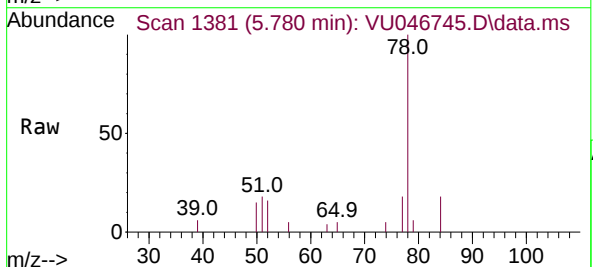
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW4DL

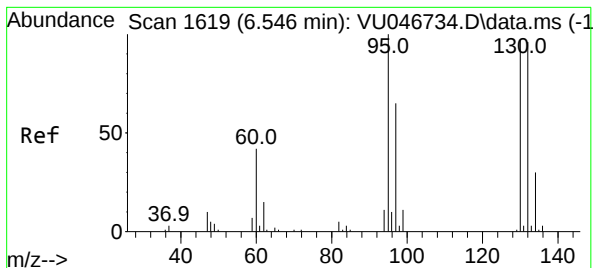
Tgt Ion: 96 Resp: 3785
 Ion Ratio Lower Upper
 96 100
 61 122.9 88.5 164.3
 98 68.5 44.4 82.5



#33
 Benzene
 Concen: 0.170 ug/L
 RT: 5.780 min Scan# 1381
 Delta R.T. 0.007 min
 Lab File: VU046745.D
 Acq: 12 Jan 2022 16:18

Tgt Ion: 78 Resp: 4954





#34

Trichloroethene

Concen: 4.912 ug/L

RT: 6.543 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU046745.D

Acq: 12 Jan 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

BFXW4DL

Tgt Ion: 95 Resp: 37839

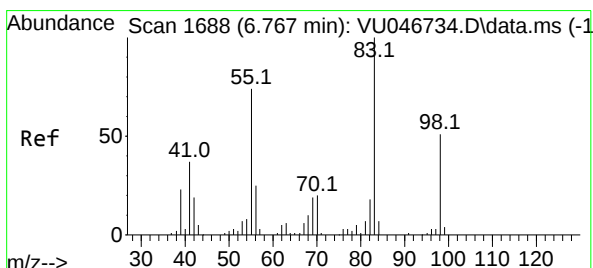
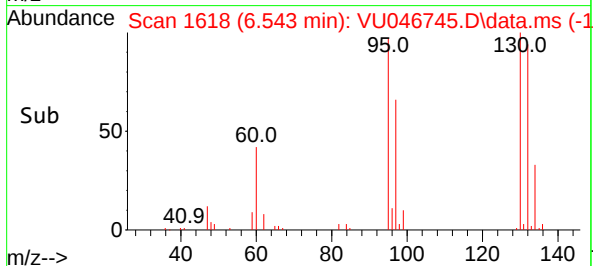
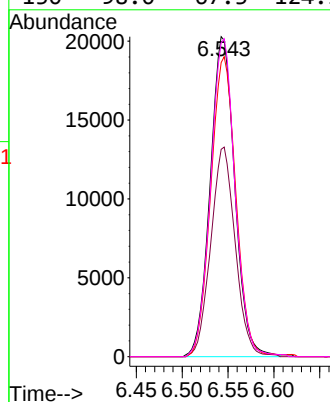
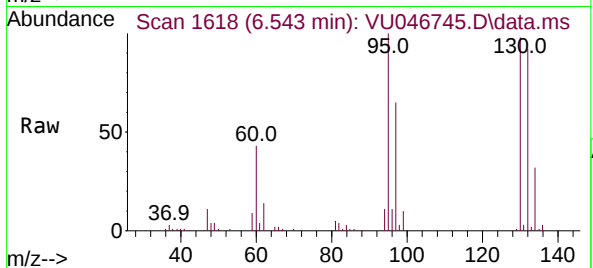
Ion Ratio Lower Upper

95 100

97 64.8 46.5 86.5

132 91.9 65.1 120.9

130 98.0 67.3 124.9



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.071 min

Lab File: VU046745.D

Acq: 12 Jan 2022 16:18

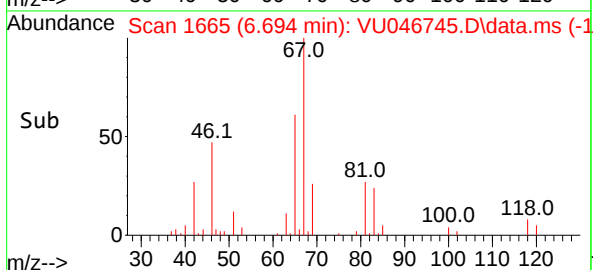
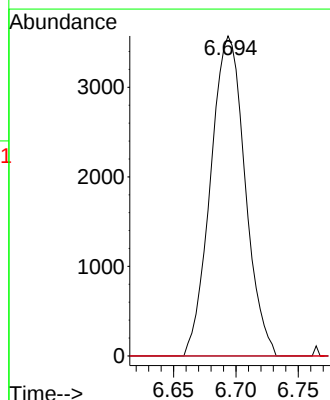
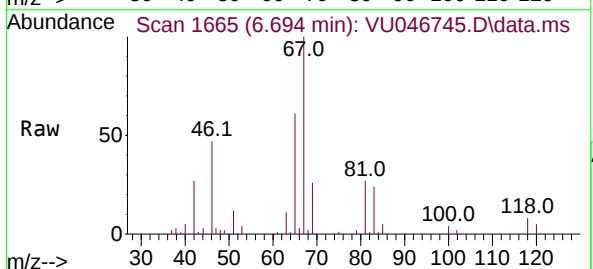
Tgt Ion: 83 Resp: 6882

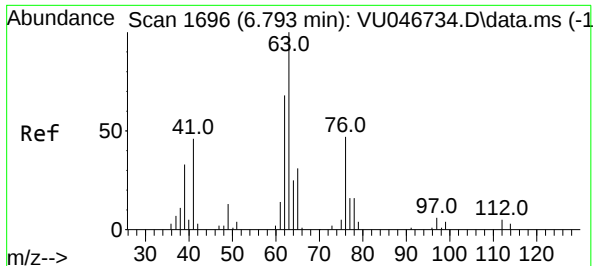
Ion Ratio Lower Upper

83 100

55 15.5 61.9 92.9#

98 0.0 39.0 58.6#

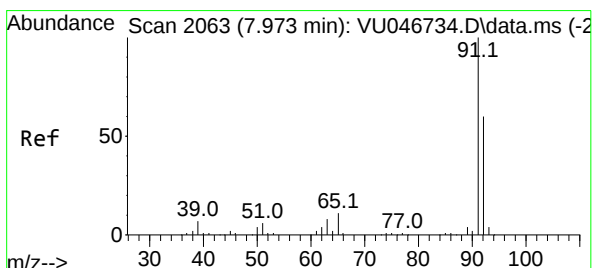
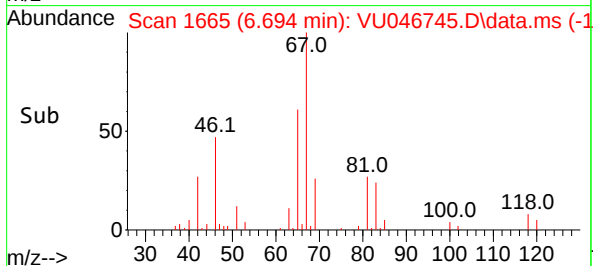
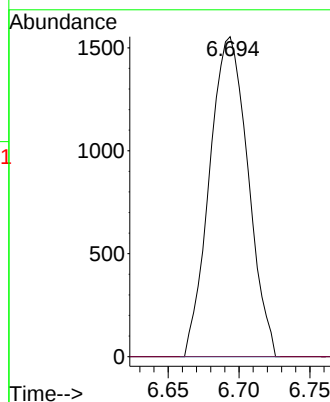
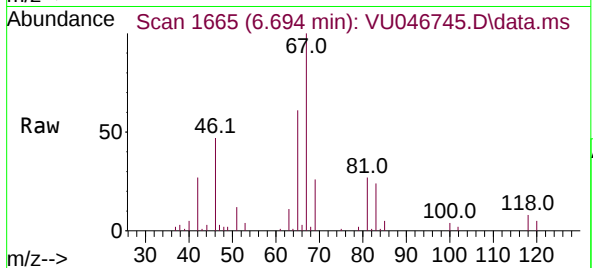




#37
1,2-Dichloropropane
Concen: 0.394 ug/L
RT: 6.694 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU046745.D
Acq: 12 Jan 2022 16:18

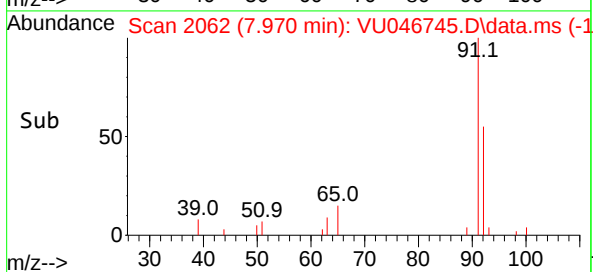
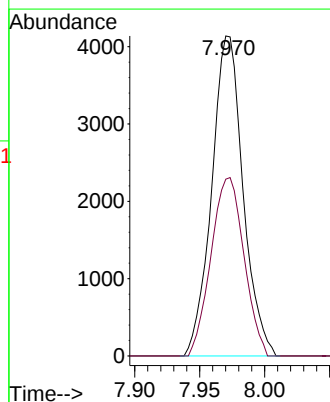
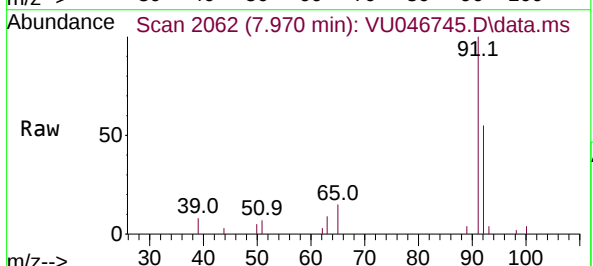
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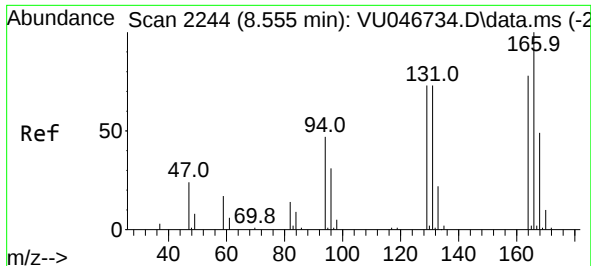
Tgt Ion: 63 Resp: 2937
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#42
Toluene
Concen: 0.231 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU046745.D
Acq: 12 Jan 2022 16:18

Tgt Ion: 91 Resp: 6940
Ion Ratio Lower Upper
91 100
92 55.3 41.3 76.7





#47

Tetrachloroethene

Concen: 8.270 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046745.D

Acq: 12 Jan 2022 16:18

Instrument :

MSVOA_U

ClientSampleId :

BFXW4DL

Tgt Ion:164 Resp: 45081

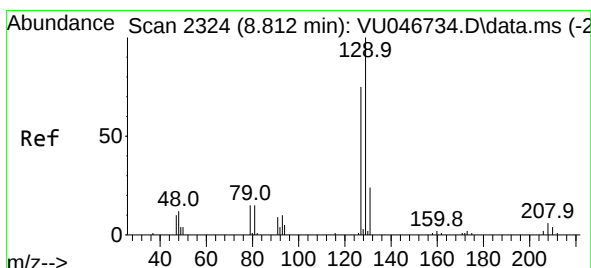
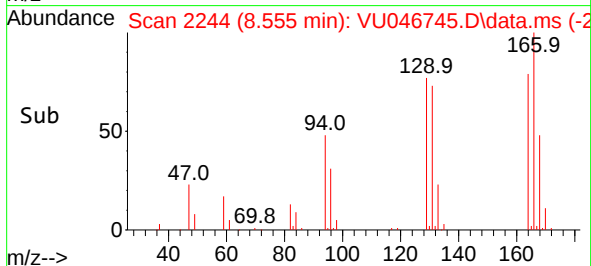
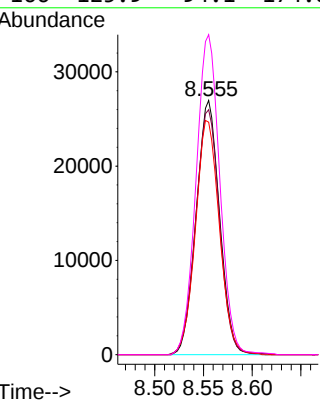
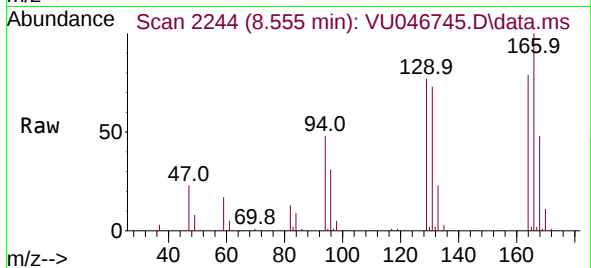
Ion Ratio Lower Upper

164 100

129 96.4 71.8 133.4

131 91.5 68.5 127.3

166 125.9 94.1 174.8



#49

Dibromochloromethane

Concen: 5.883 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046745.D

Acq: 12 Jan 2022 16:18

Tgt Ion:129 Resp: 43625

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#

