

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046841.D
 Acq On : 26 Jan 2022 13:23
 Operator : SY/MD
 Sample : N1260-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXX5

Quant Time: Jan 26 14:51:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

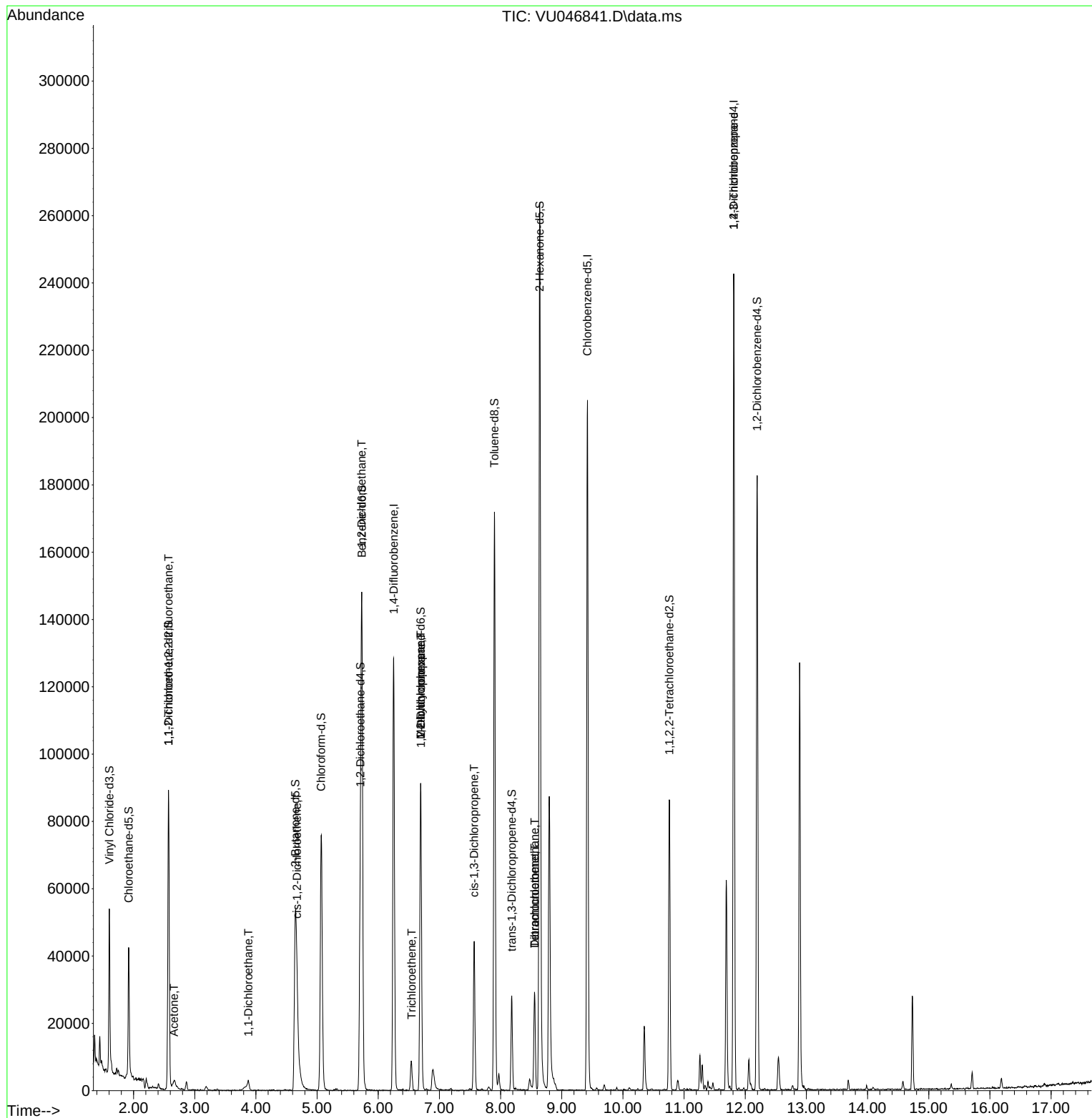
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106904	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	117211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63755	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	38350	4.234	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.919	69	32110	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.571	65	16062	4.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.200%
20) 2-Butanone-d5	4.645	46	111838	41.674	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.340%
24) Chloroform-d	5.067	84	72984	4.589	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.706	65	39802	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
32) Benzene-d6	5.732	84	143497	4.165	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.693	67	43943	4.249	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.000%
41) Toluene-d8	7.899	98	116164	3.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	8.182	79	16255	3.579	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.600%
46) 2-Hexanone-d5	8.639	63	103459	38.467	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	43650	4.203	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	48434	4.051	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.000%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	442	0.071	ug/L #	21
13) Acetone	2.661	43	5992	4.105	ug/L	78
19) 1,1-Dichloroethane	3.877	63	3103	0.286	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	2613	0.383	ug/L	88
27) 1,2-Dichloroethane	5.729	62	745	0.098	ug/L #	73
34) Trichloroethene	6.546	95	2047	0.286	ug/L	94
35) Methylcyclohexane	6.693	83	10965	0.914	ug/L #	22
37) 1,2-Dichloropropane	6.697	63	4589	0.678	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1059	0.100	ug/L #	72
47) Tetrachloroethene	8.555	164	6569	1.127	ug/L	78
49) Dibromochloromethane	8.555	129	6106	0.899	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8177	1.514	ug/L #	67

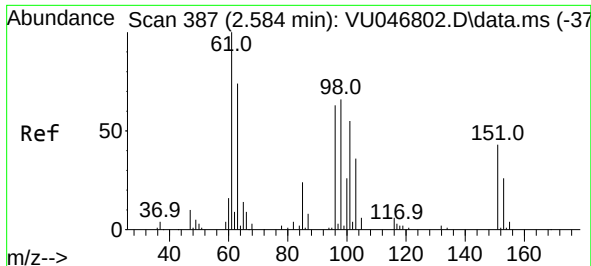
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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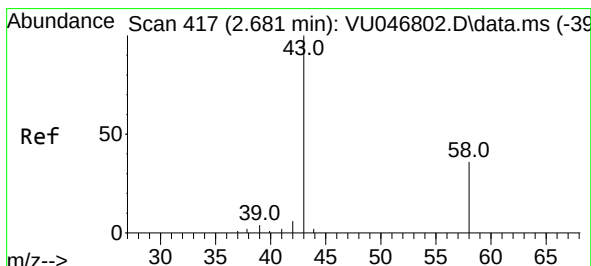
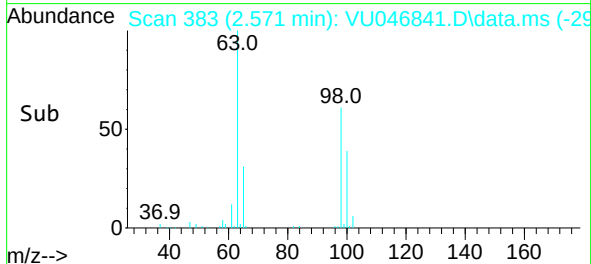
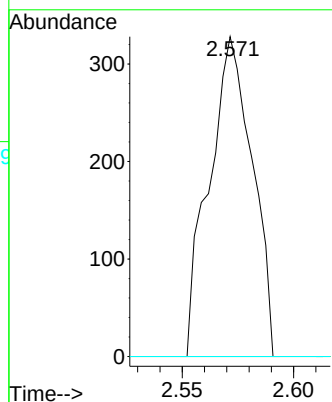
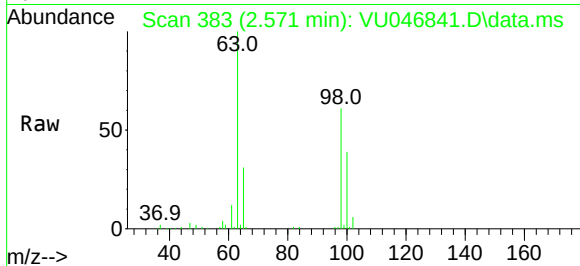




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.071 ug/L
 RT: 2.571 min Scan# 387
 Delta R.T. -0.016 min
 Lab File: VU046841.D
 Acq: 26 Jan 2022 13:23

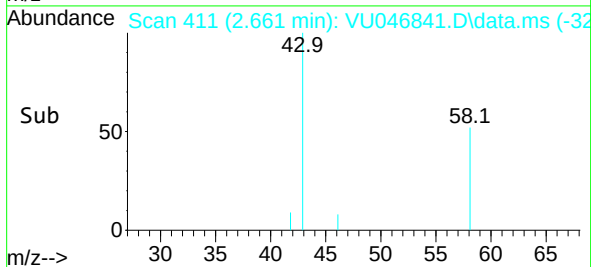
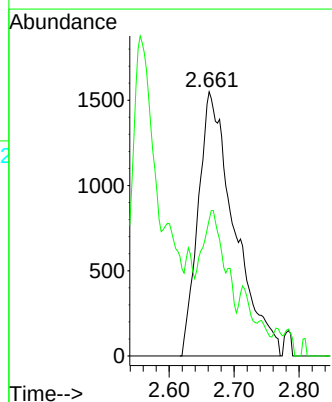
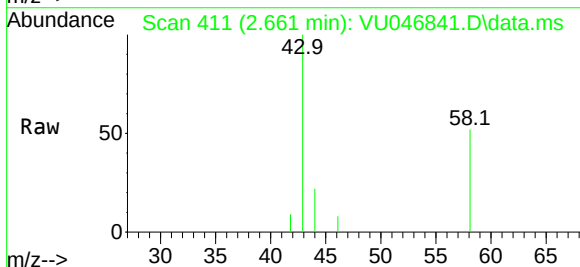
Instrument :
 MSVOA_U
 ClientSampleId :
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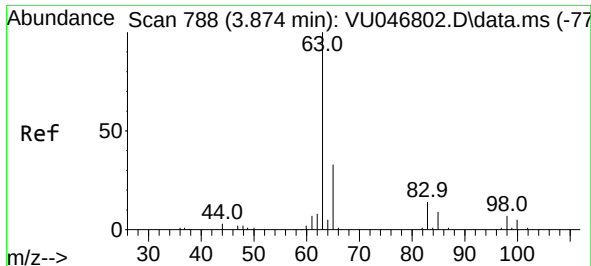
Tgt Ion: 101 Resp: 442
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#13
 Acetone
 Concen: 4.105 ug/L
 RT: 2.661 min Scan# 411
 Delta R.T. -0.019 min
 Lab File: VU046841.D
 Acq: 26 Jan 2022 13:23

Tgt Ion: 43 Resp: 5992
 Ion Ratio Lower Upper
 43 100
 58 22.6 0.0 71.6





#19

1,1-Dichloroethane

Concen: 0.286 ug/L

RT: 3.877 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU046841.D

Acq: 26 Jan 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

BFX5

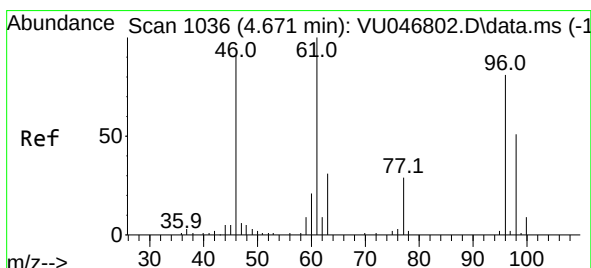
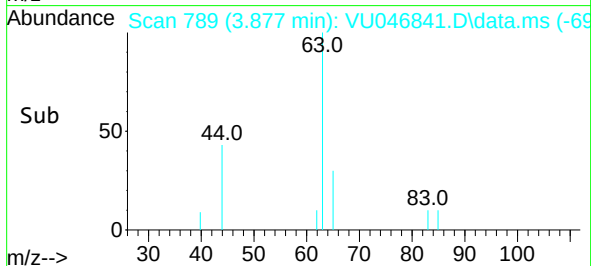
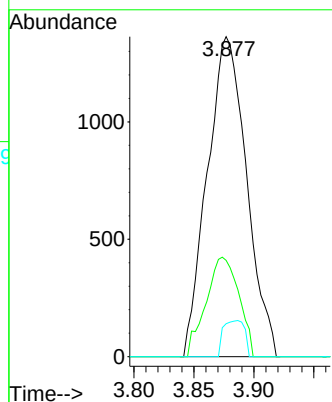
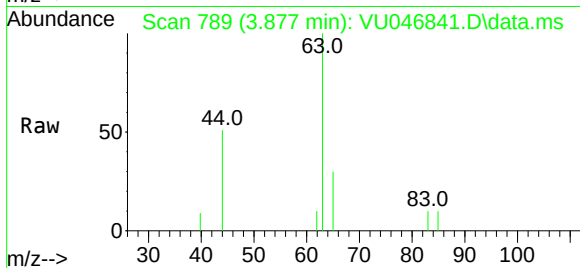
Tgt Ion: 63 Resp: 3103

Ion Ratio Lower Upper

63 100

65 30.1 22.3 41.5

83 10.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.383 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046841.D

Acq: 26 Jan 2022 13:23

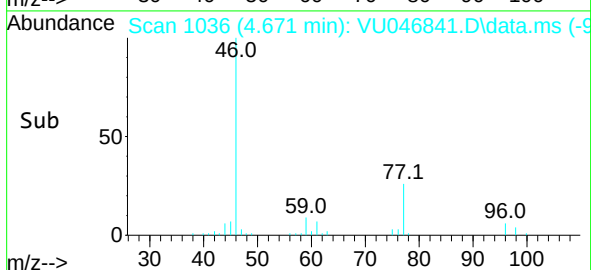
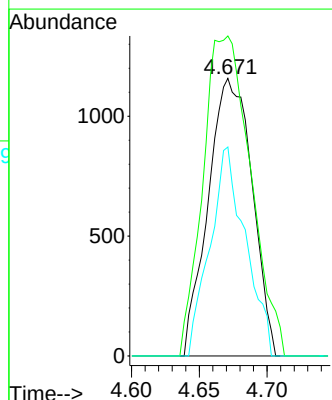
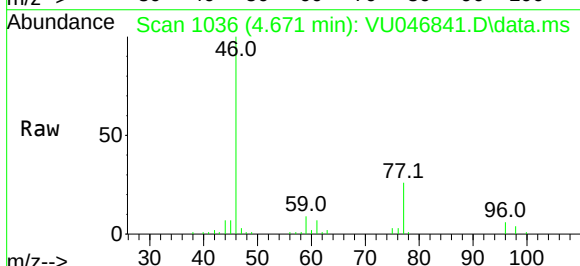
Tgt Ion: 96 Resp: 2613

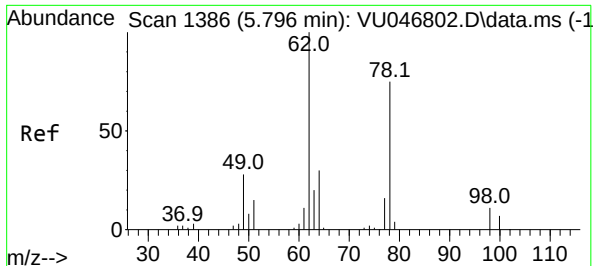
Ion Ratio Lower Upper

96 100

61 115.3 88.5 164.3

98 75.3 44.4 82.5

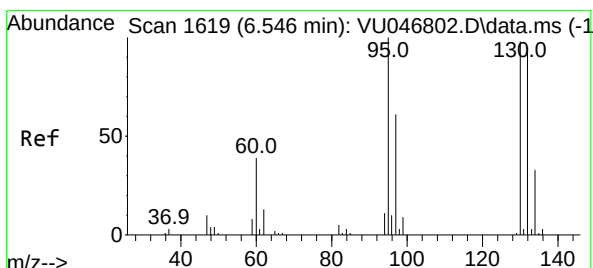
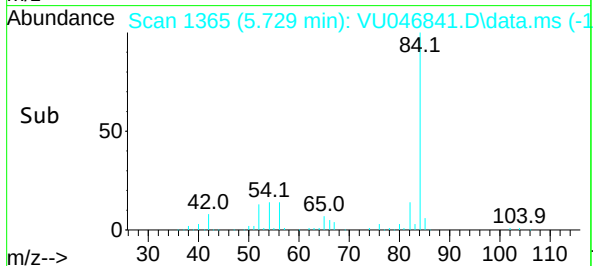
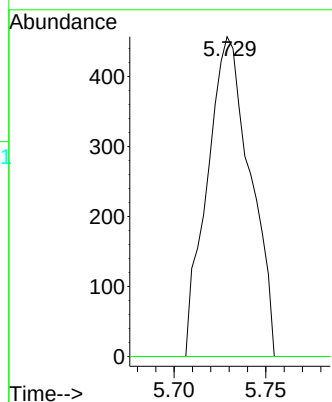
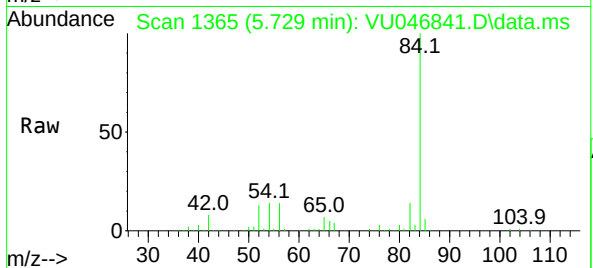




#27
1,2-Dichloroethane
Concen: 0.098 ug/L
RT: 5.729 min Scan# 11
Delta R.T. -0.071 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

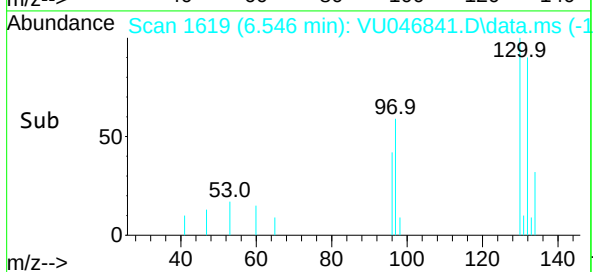
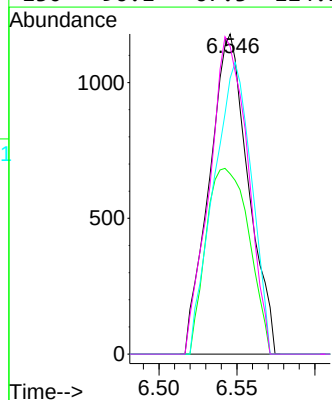
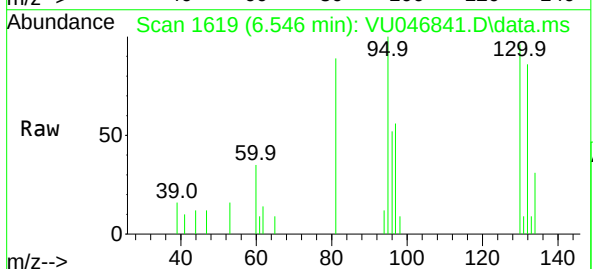
Instrument :
MSVOA_U
ClientSampleId :
BFX5

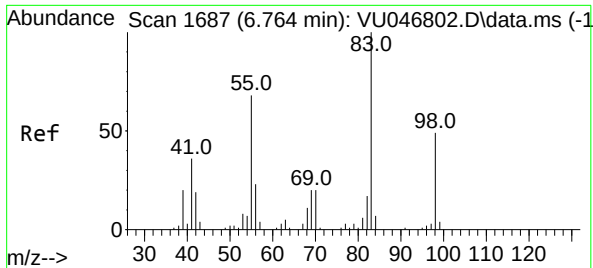
Tgt Ion: 62 Resp: 745
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#34
Trichloroethene
Concen: 0.286 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

Tgt Ion: 95 Resp: 2047
Ion Ratio Lower Upper
95 100
97 56.3 46.5 86.5
132 86.2 65.1 120.9
130 96.1 67.3 124.9

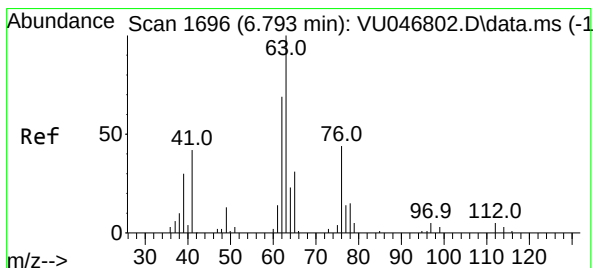
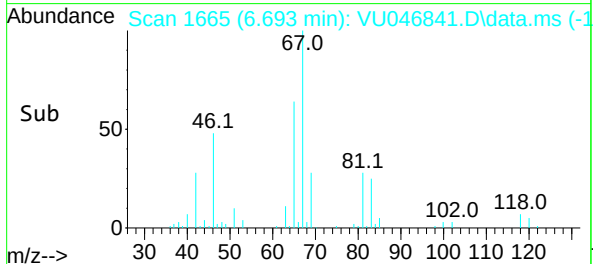
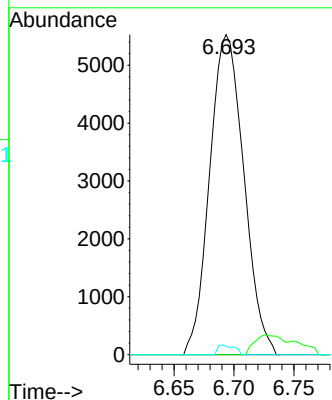
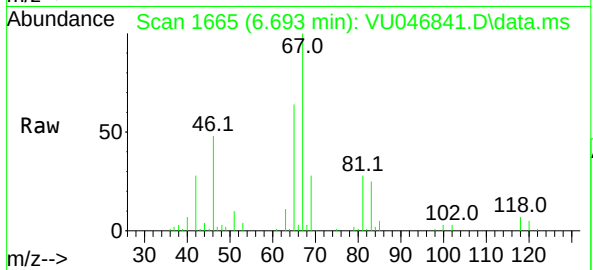




#35
Methylcyclohexane
Concen: 0.914 ug/L
RT: 6.693 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

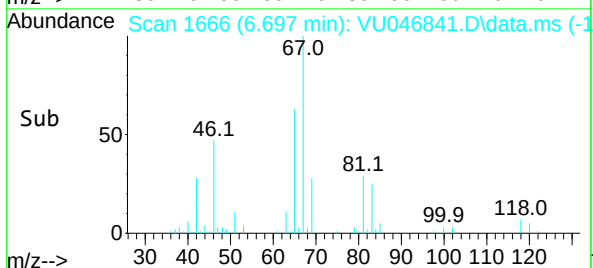
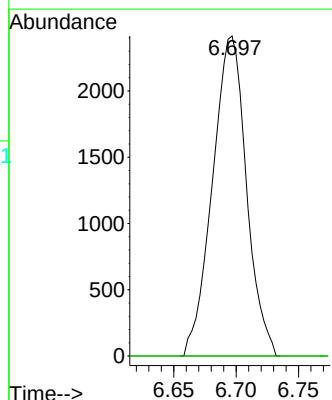
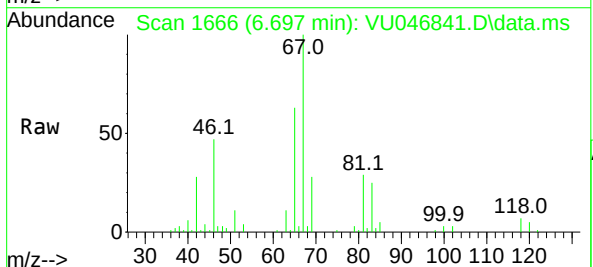
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MSVOA_U
ClientSampleId :
BFX5

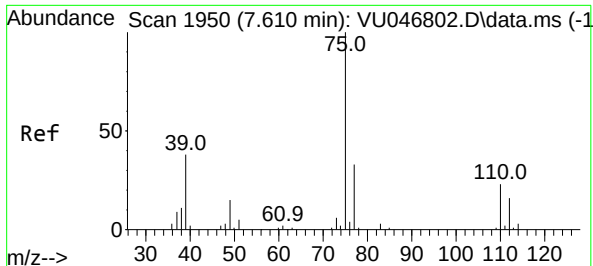
Tgt Ion: 83 Resp: 10965
Ion Ratio Lower Upper
83 100
55 5.2 61.9 92.9#
98 1.5 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.678 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.100 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

Tgt Ion: 63 Resp: 4589
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046841.D

Acq: 26 Jan 2022 13:23

Instrument :

MSVOA_U

ClientSampleId :

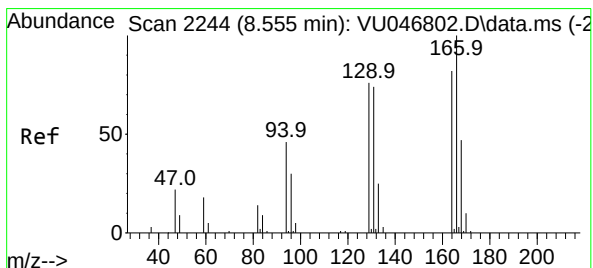
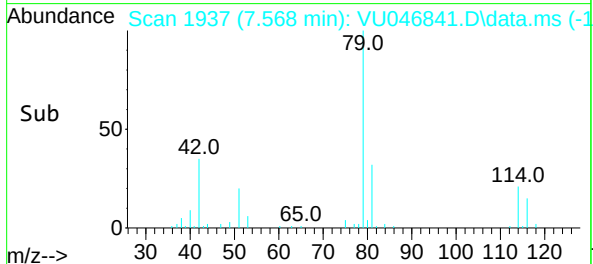
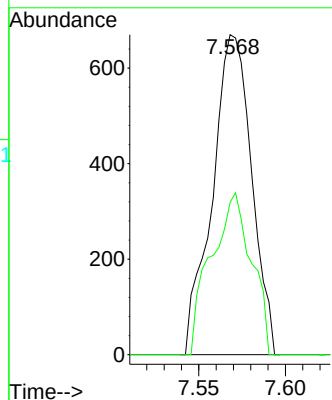
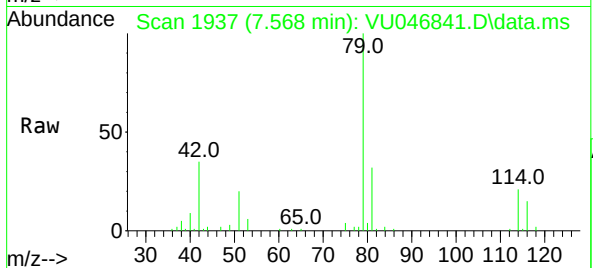
BFX5

Tgt Ion: 75 Resp: 1059

Ion Ratio Lower Upper

75 100

77 47.6 22.5 41.9#



#47

Tetrachloroethene

Concen: 1.127 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.003 min

Lab File: VU046841.D

Acq: 26 Jan 2022 13:23

Tgt Ion:164 Resp: 6569

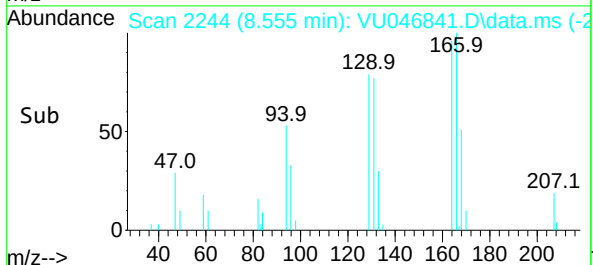
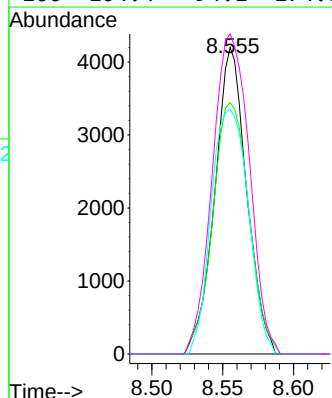
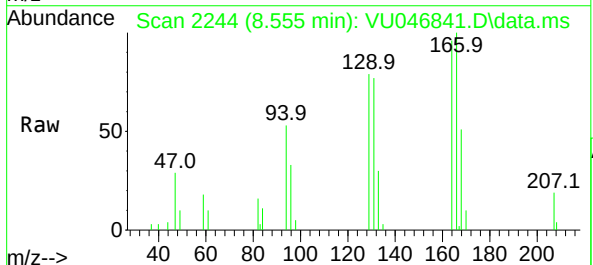
Ion Ratio Lower Upper

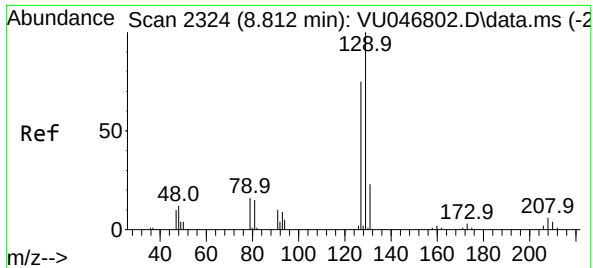
164 100

129 82.0 71.8 133.4

131 79.9 68.5 127.3

166 104.4 94.1 174.8

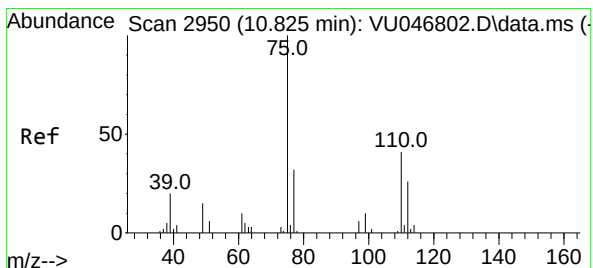
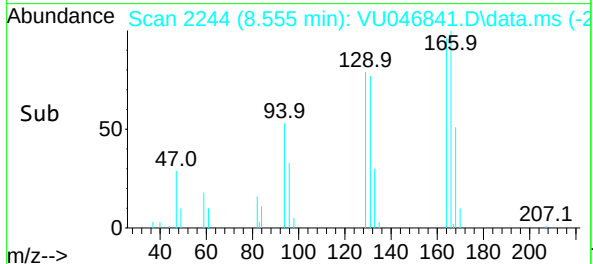
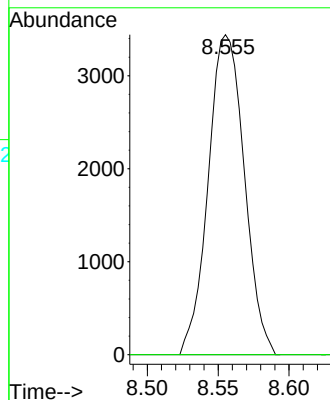
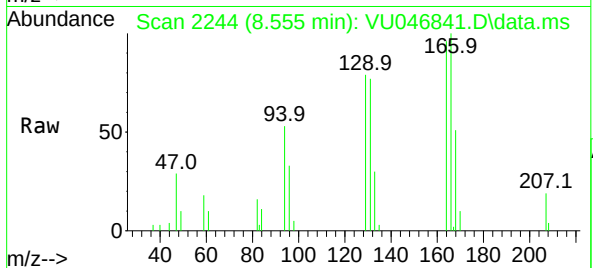




#49
Dibromochloromethane
Concen: 0.899 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

Instrument :
MSVOA_U
ClientSampleId :
BFX5

Tgt Ion:129 Resp: 6106
Ion Ratio Lower Upper
129 100
127 0.0 55.4 102.8#



#61
1,2,3-Trichloropropane
Concen: 1.514 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046841.D
Acq: 26 Jan 2022 13:23

Tgt Ion: 75 Resp: 8177
Ion Ratio Lower Upper
75 100
110 1.2 29.9 44.9#
77 31.3 25.5 38.3

