

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011922\
 Data File : VU046798.D
 Acq On : 19 Jan 2022 15:00
 Operator : SY/MD
 Sample : N1194-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

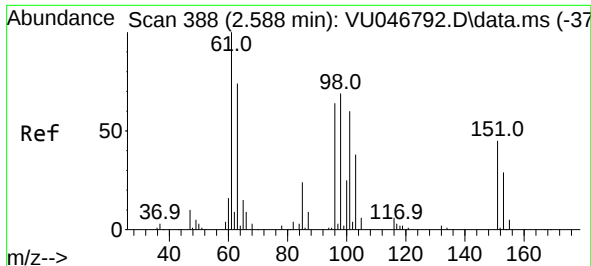
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX2

Quant Time: Jan 20 02:02:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 20 02:00:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	113831	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121281	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	50782	5.265	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.919	69	42968	5.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.000%
11) 1,1-Dichloroethene-d2	2.571	65	20935	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.200%
20) 2-Butanone-d5	4.649	46	175800	61.522	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.040%
24) Chloroform-d	5.067	84	91769	5.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.400%
26) 1,2-Dichloroethane-d4	5.703	65	52933	5.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.800%
32) Benzene-d6	5.729	84	194307	5.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.694	67	60004	5.607	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.899	98	165539	5.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.182	79	23673	5.037	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.636	63	158735	57.038	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	58666	5.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	67570	5.280	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.571	101	654	0.098	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	32491	5.112	ug/L	91
19) 1,1-Dichloroethane	3.874	63	195255	16.895	ug/L	100
22) cis-1,2-Dichloroethene	4.661	96	537	0.074	ug/L	87
27) 1,2-Dichloroethane	5.796	62	1192	0.147	ug/L #	73
29) 1,1,1-Trichloroethane	5.321	97	15133	1.385	ug/L	97
31) Carbon tetrachloride	5.327	117	1934	0.206	ug/L	96
33) Benzene	5.777	78	1728	0.061	ug/L	100
34) Trichloroethene	6.546	95	178265	24.045	ug/L	96
35) Methylcyclohexane	6.690	83	14777	1.190	ug/L #	27
37) 1,2-Dichloropropane	6.694	63	6313	0.901	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1337	0.122	ug/L #	55
47) Tetrachloroethene	8.555	164	4066	0.674	ug/L	94
49) Dibromochloromethane	8.555	129	3694	0.525	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	8313	1.438	ug/L #	67

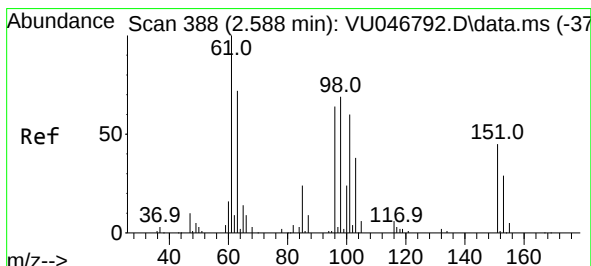
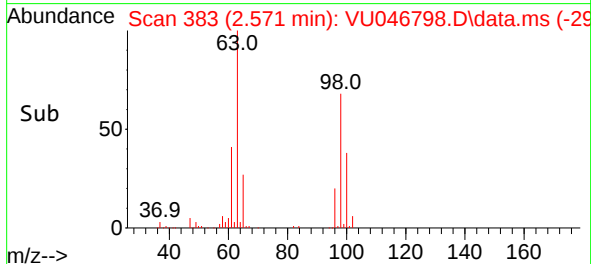
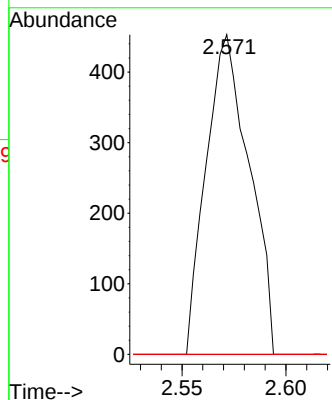
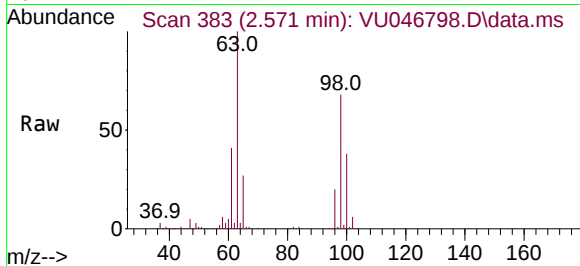
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.098 ug/L
 RT: 2.571 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VU046798.D
 Acq: 19 Jan 2022 15:00

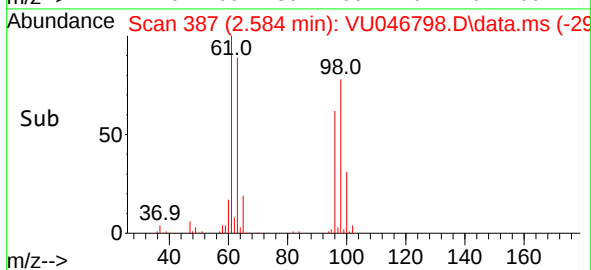
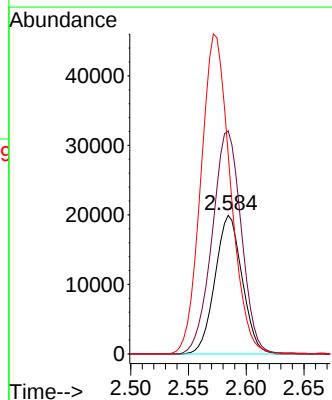
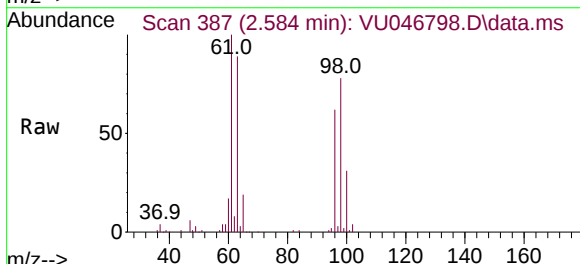
Instrument :
 MSVOA_U
 ClientSampleId :
 BFX2

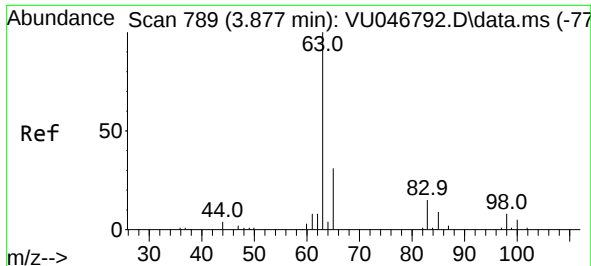
Tgt Ion:101 Resp: 654
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#



#12
 1,1-Dichloroethene
 Concen: 5.112 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046798.D
 Acq: 19 Jan 2022 15:00

Tgt Ion: 96 Resp: 32491
 Ion Ratio Lower Upper
 96 100
 61 160.8 124.7 231.5
 63 143.9 105.2 195.4





#19

1,1-Dichloroethane

Concen: 16.895 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046798.D

Acq: 19 Jan 2022 15:00

Instrument :

MSVOA_U

ClientSampleId :

BFX2

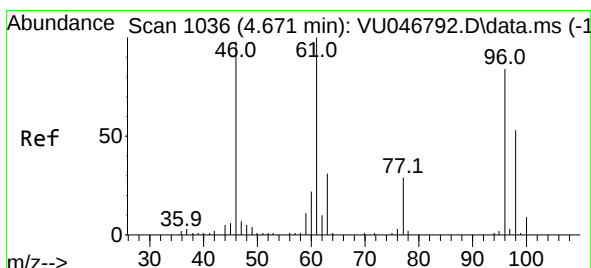
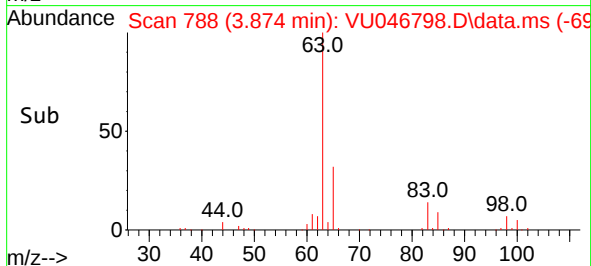
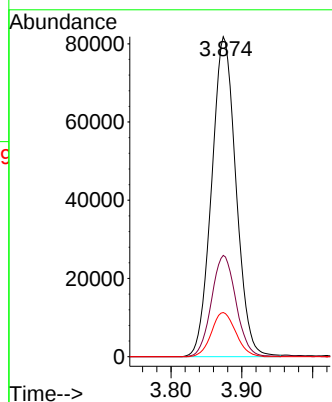
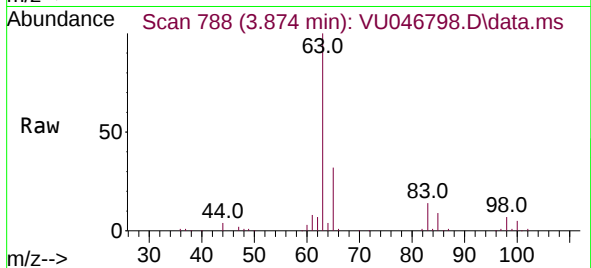
Tgt Ion: 63 Resp: 195255

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.5

83 13.8 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 0.074 ug/L

RT: 4.661 min Scan# 1033

Delta R.T. -0.010 min

Lab File: VU046798.D

Acq: 19 Jan 2022 15:00

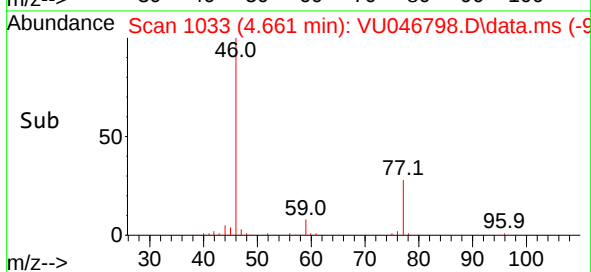
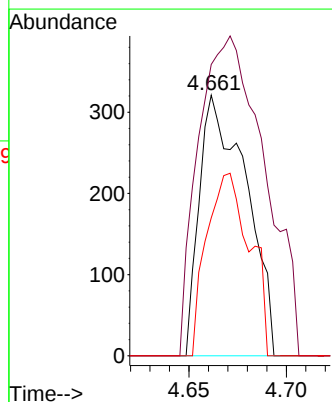
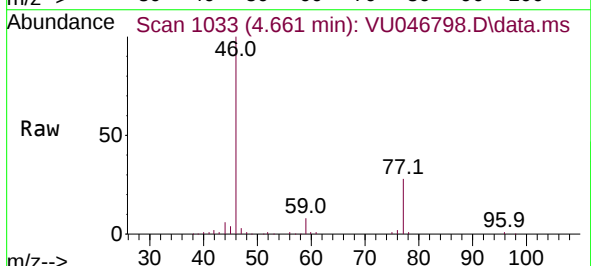
Tgt Ion: 96 Resp: 537

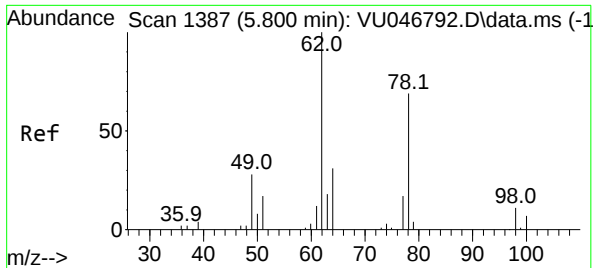
Ion Ratio Lower Upper

96 100

61 111.8 88.5 164.3

98 53.0 44.4 82.5

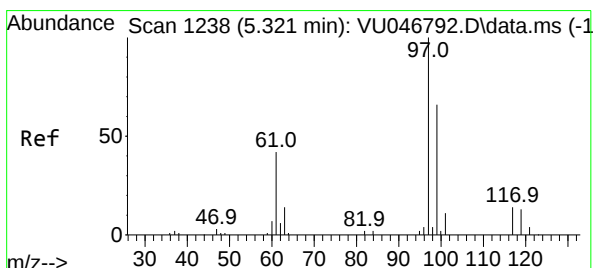
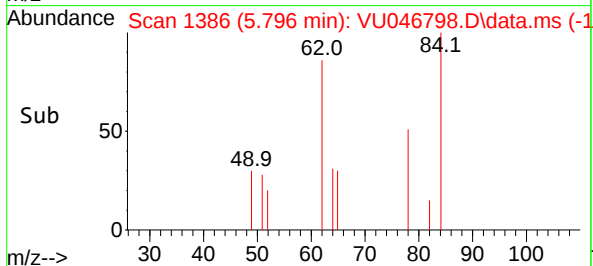
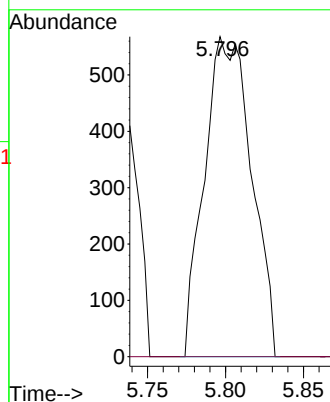
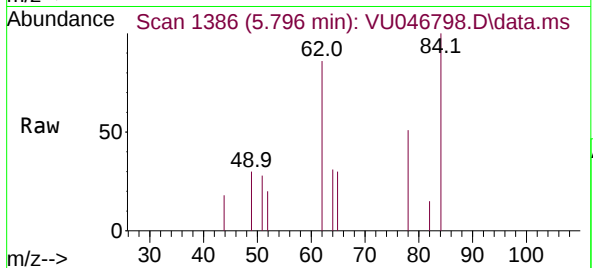




#27
1,2-Dichloroethane
Concen: 0.147 ug/L
RT: 5.796 min Scan# 1192
Delta R.T. -0.003 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

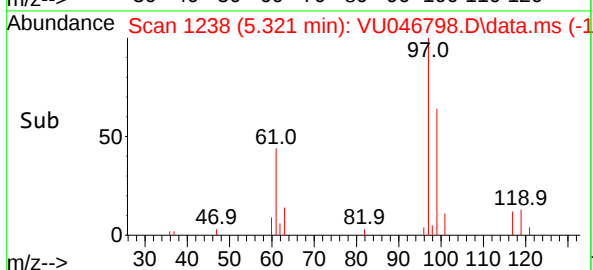
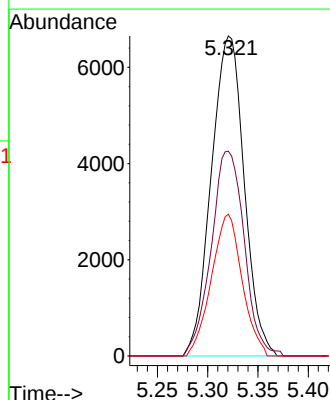
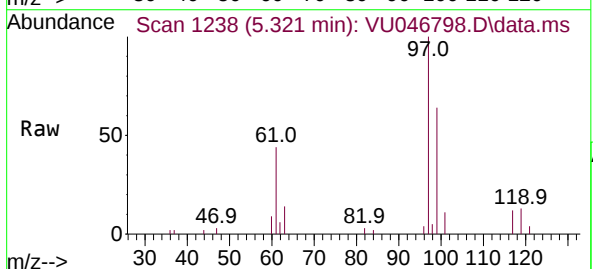
Instrument :
MSVOA_U
ClientSampleId :
BFXX2

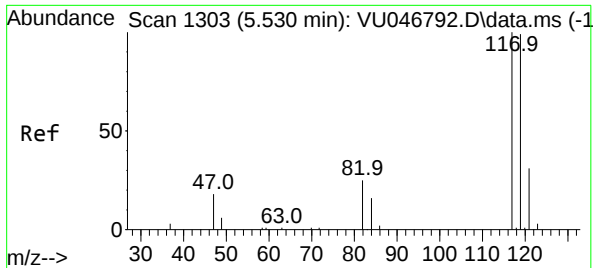
Tgt Ion: 62 Resp: 1192
Ion Ratio Lower Upper
62 100
98 0.0 7.8 11.8#



#29
1,1,1-Trichloroethane
Concen: 1.385 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

Tgt Ion: 97 Resp: 15133
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 41.4 36.1 54.1

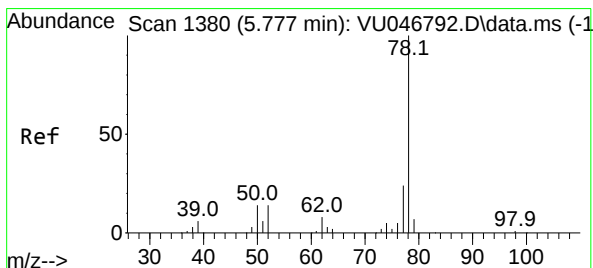
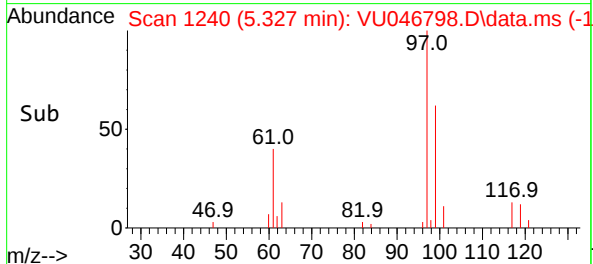
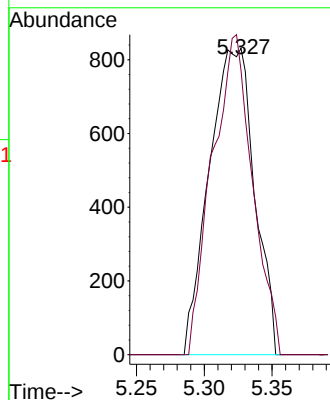
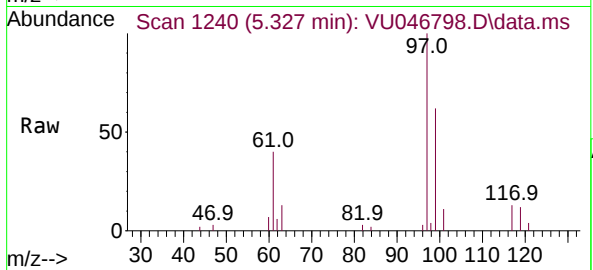




#31
Carbon tetrachloride
Concen: 0.206 ug/L
RT: 5.327 min Scan# 117
Delta R.T. -0.203 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

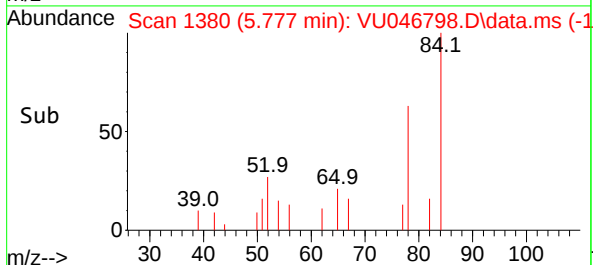
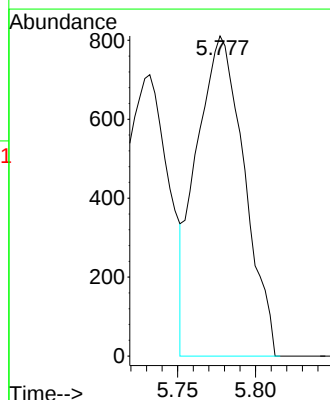
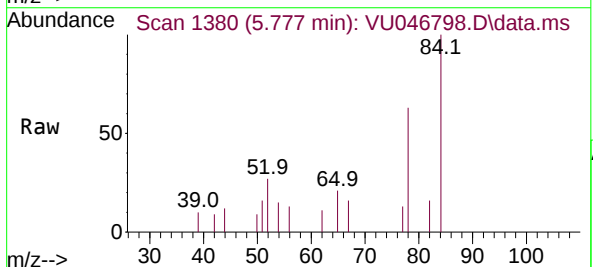
Instrument :
MSVOA_U
ClientSampleId :
BFXX2

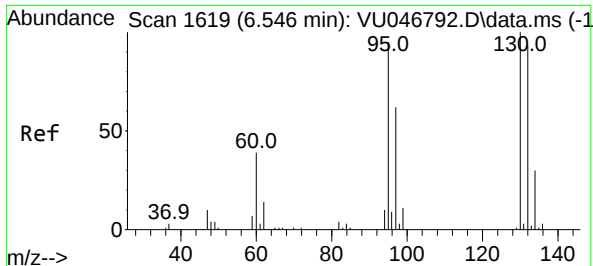
Tgt Ion:117 Resp: 1934
Ion Ratio Lower Upper
117 100
119 92.9 77.5 116.3



#33
Benzene
Concen: 0.061 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

Tgt Ion: 78 Resp: 1728

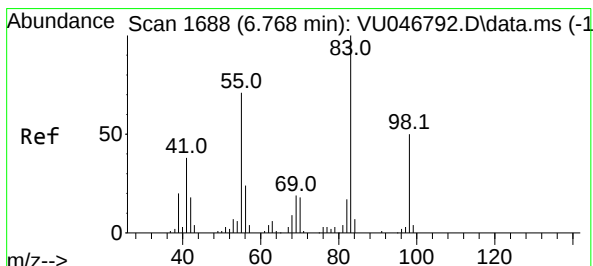
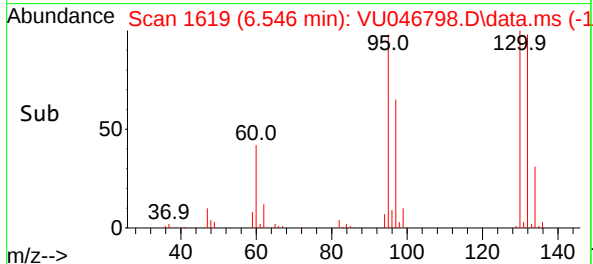
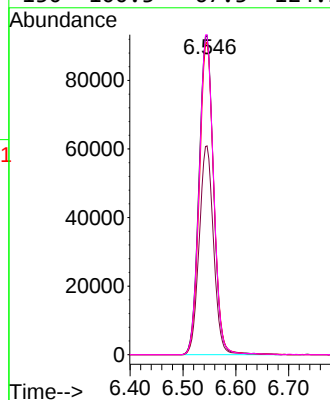
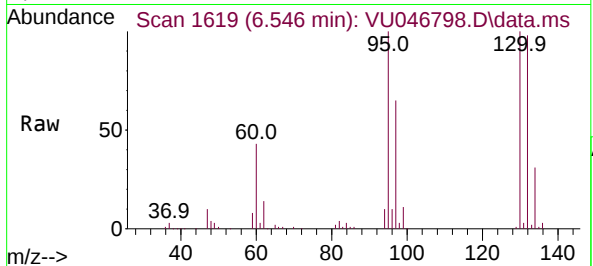




#34
Trichloroethene
Concen: 24.045 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

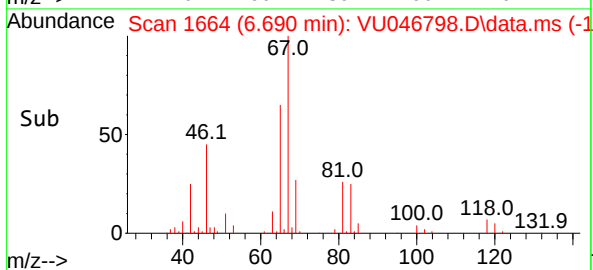
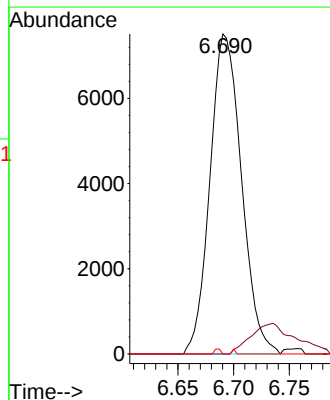
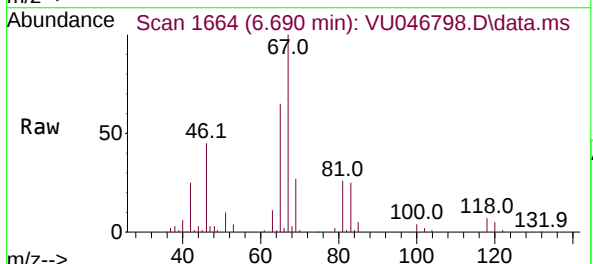
Instrument :
MSVOA_U
ClientSampleId :
BFX2

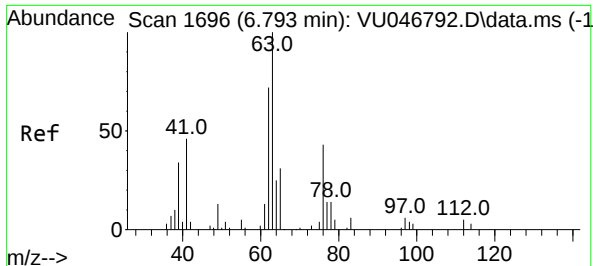
Tgt Ion: 95 Resp: 178265
Ion Ratio Lower Upper
95 100
97 65.5 46.5 86.5
132 98.1 65.1 120.9
130 100.3 67.3 124.9



#35
Methylcyclohexane
Concen: 1.190 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.077 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

Tgt Ion: 83 Resp: 14777
Ion Ratio Lower Upper
83 100
55 13.5 61.9 92.9#
98 0.0 39.0 58.6#





#37

1,2-Dichloropropane

Concen: 0.901 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU046798.D

Acq: 19 Jan 2022 15:00

Instrument :

MSVOA_U

ClientSampleId :

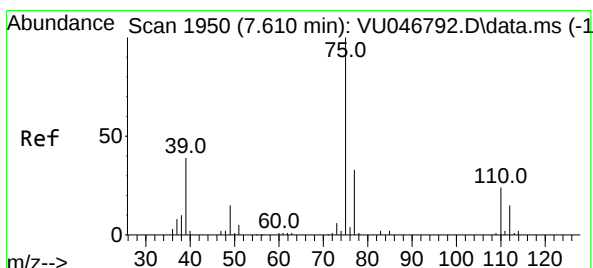
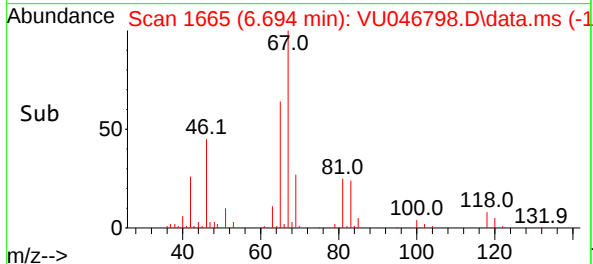
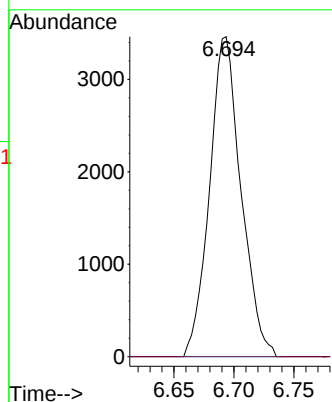
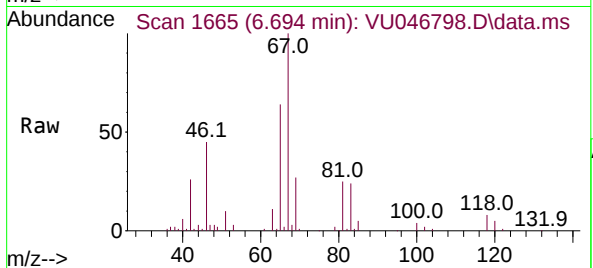
BFX2

Tgt Ion: 63 Resp: 6313

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU046798.D

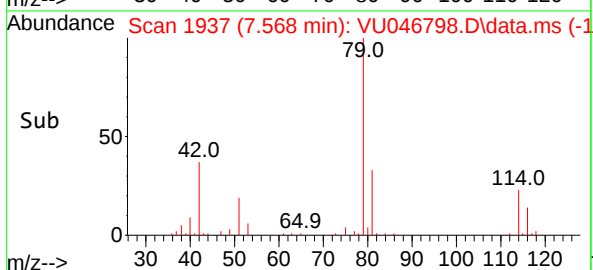
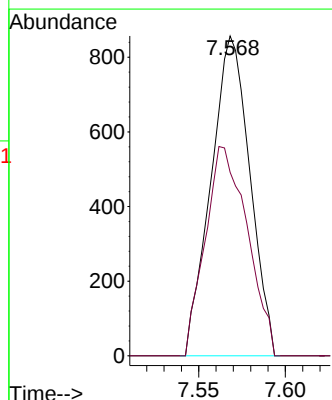
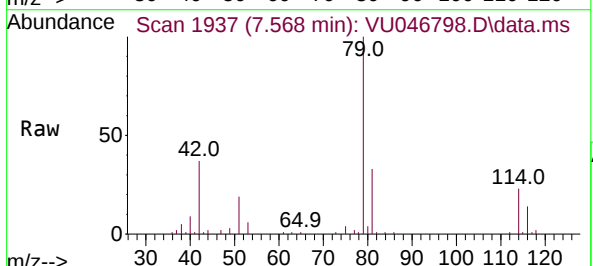
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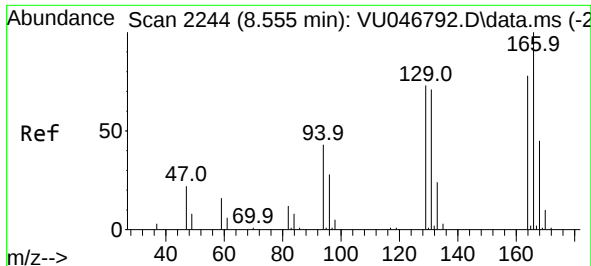
Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 57.4 22.5 41.9#





#47

Tetrachloroethene

Concen: 0.674 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.000 min

Lab File: VU046798.D

Acq: 19 Jan 2022 15:00

Instrument :

MSVOA_U

ClientSampleId :

BFX2

Tgt Ion:164 Resp: 4066

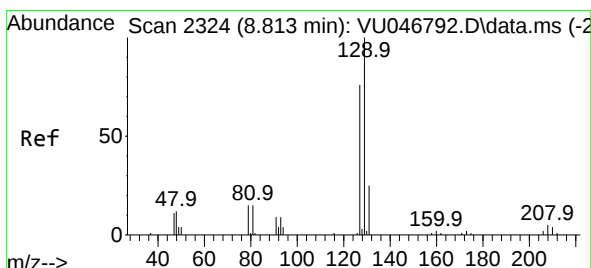
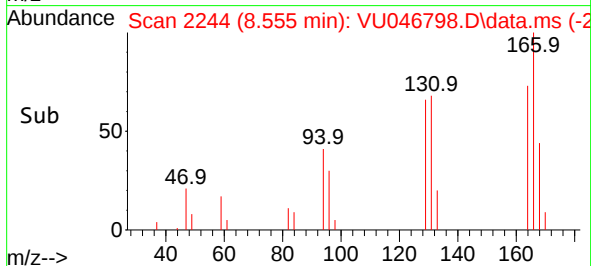
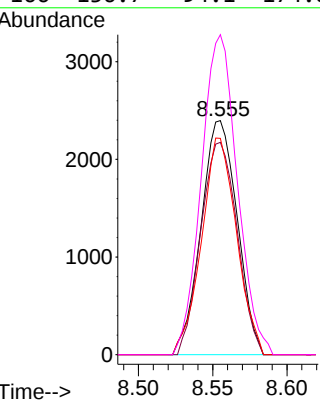
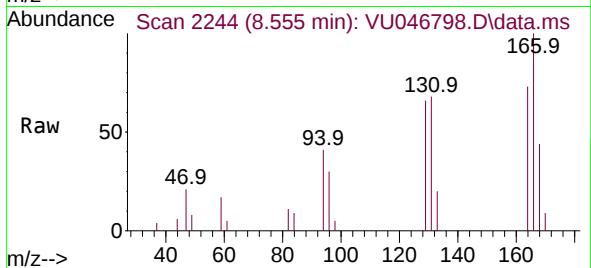
Ion Ratio Lower Upper

164 100

129 90.7 71.8 133.4

131 92.4 68.5 127.3

166 136.7 94.1 174.8



#49

Dibromochloromethane

Concen: 0.525 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046798.D

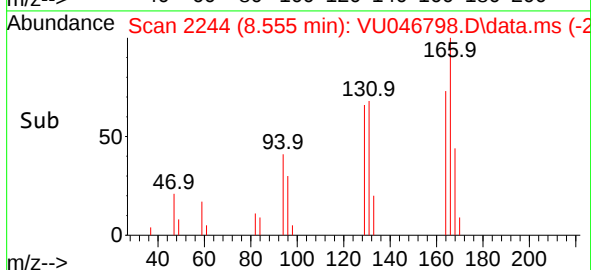
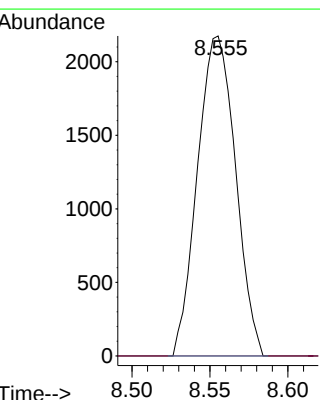
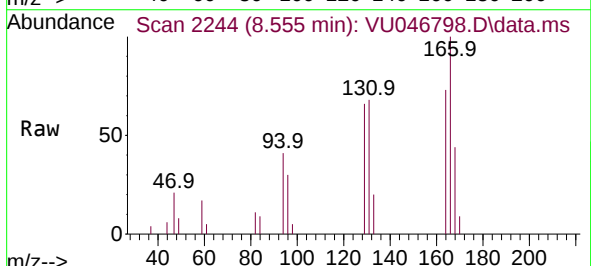
Acq: 19 Jan 2022 15:00

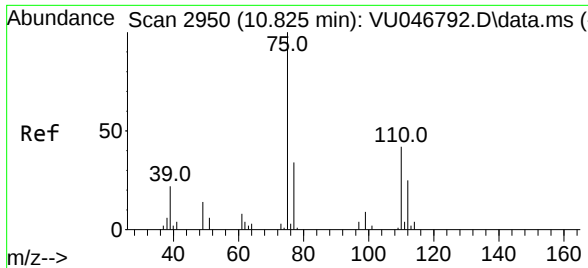
Tgt Ion:129 Resp: 3694

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
1,2,3-Trichloropropane
Concen: 1.438 ug/L
RT: 11.812 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU046798.D
Acq: 19 Jan 2022 15:00

Instrument :
MSVOA_U
ClientSampleId :
BFX2

Tgt Ion:	75	Resp:	8313
Ion	Ratio	Lower	Upper
75	100		
110	2.3	29.9	44.9#
77	30.7	25.5	38.3

