

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012622\
 Data File : VU046844.D
 Acq On : 26 Jan 2022 14:36
 Operator : SY/MD
 Sample : N1260-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXX3

Quant Time: Jan 26 15:16:40 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	96794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105395	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36026	4.392	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.800%
7) Chloroethane-d5	1.916	69	32257	4.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.572	65	15182	4.653	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.665	46	75677	31.145	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.300%
24) Chloroform-d	5.067	84	72434	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.707	65	39282	5.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
32) Benzene-d6	5.732	84	140677	4.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.694	67	44688	4.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	120056	4.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.182	79	16729	4.096	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.639	63	84288	34.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	69.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	39482	4.228	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	50220	4.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	342	0.060	ug/L #	21
15) Methyl Acetate	2.967	43	1905	0.660	ug/L #	51
21) 2-Butanone	4.748	43	3657	1.721	ug/L #	52
22) cis-1,2-Dichloroethene	4.668	96	469	0.076	ug/L	93
33) Benzene	5.777	78	7661	0.309	ug/L	100
34) Trichloroethene	6.543	95	2337	0.363	ug/L #	69
35) Methylcyclohexane	6.694	83	10861	1.006	ug/L #	24
37) 1,2-Dichloropropane	6.690	63	4550	0.747	ug/L #	88
39) cis-1,3-Dichloropropene	7.571	75	1062	0.112	ug/L #	72
42) Toluene	7.970	91	11109	0.375	ug/L	100
47) Tetrachloroethene	8.555	164	3932	0.750	ug/L	94
49) Dibromochloromethane	8.552	129	4178	0.684	ug/L #	10
52) Ethylbenzene	9.568	91	3370	0.120	ug/L	95
53) m,p-Xylene	9.697	106	2371	0.211	ug/L	95
54) o-Xylene	10.099	106	1283	0.118	ug/L	81
55) Styrene	10.115	104	723	0.041	ug/L	83
61) 1,2,3-Trichloropropane	11.812	75	7653	1.440	ug/L #	64
63) 1,2,4-Trimethylbenzene	11.468	105	6977	0.283	ug/L	96
71) Naphthalene	14.086	128	6764	0.345	ug/L #	94

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Quant Time: Jan 26 15:16:40 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jan 24 00:23:26 2022
Response via : Initial Calibration

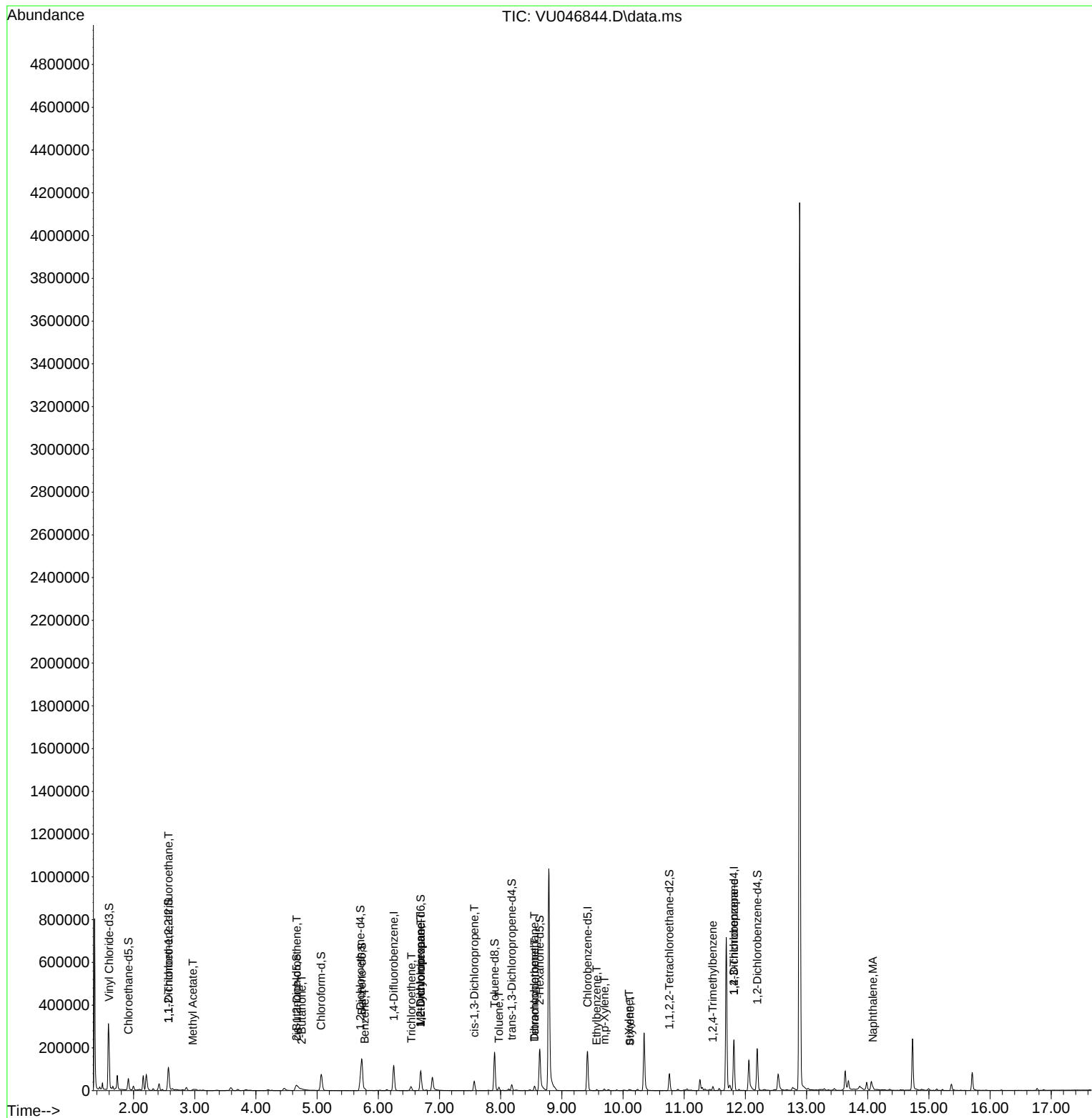
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

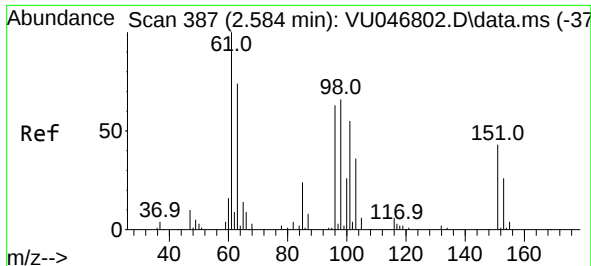
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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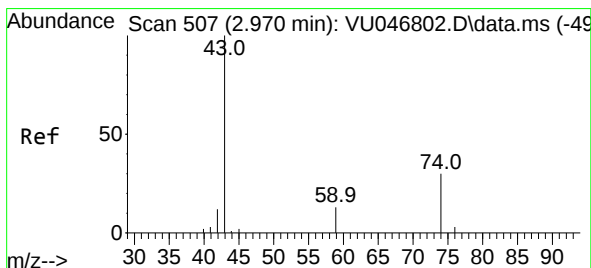
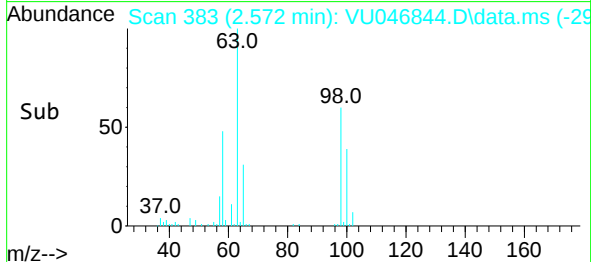
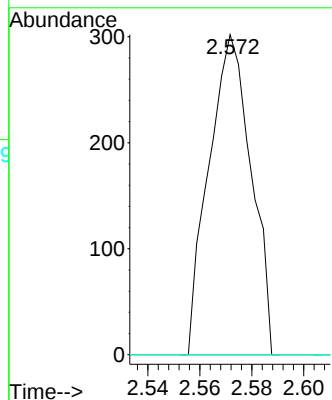
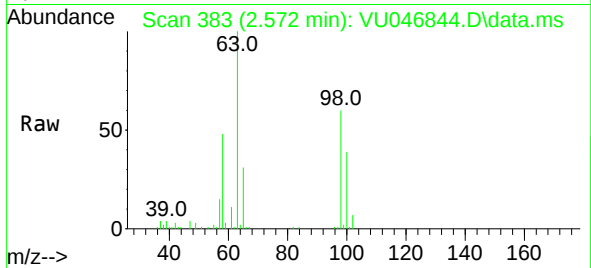




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.060 ug/L
RT: 2.572 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

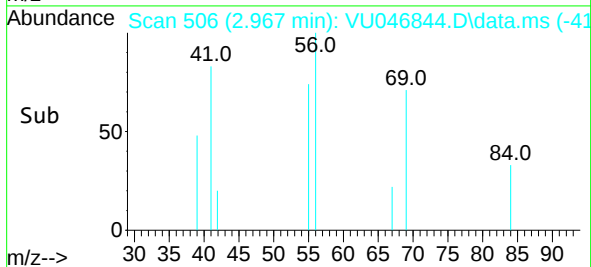
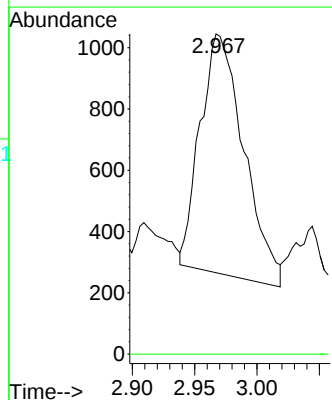
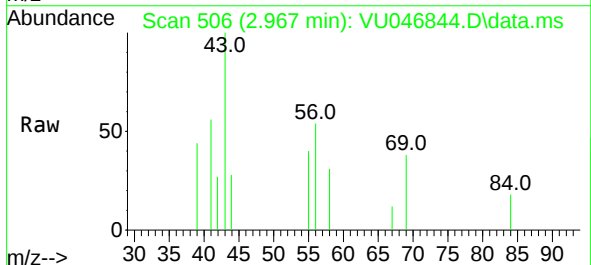
Instrument :
MSVOA_U
ClientSampleId :
BFX3

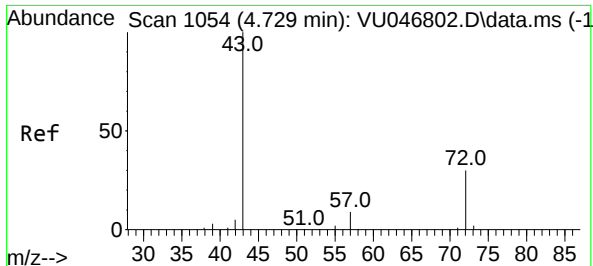
Tgt Ion:101 Resp: 342
Ion Ratio Lower Upper
101 100
85 0.0 34.6 51.8#
151 0.0 56.1 84.1#



#15
Methyl Acetate
Concen: 0.660 ug/L
RT: 2.967 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion: 43 Resp: 1905
Ion Ratio Lower Upper
43 100
74 0.0 19.1 28.7#





#21

2-Butanone

Concen: 1.721 ug/L

RT: 4.748 min Scan# 1060

Delta R.T. 0.013 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

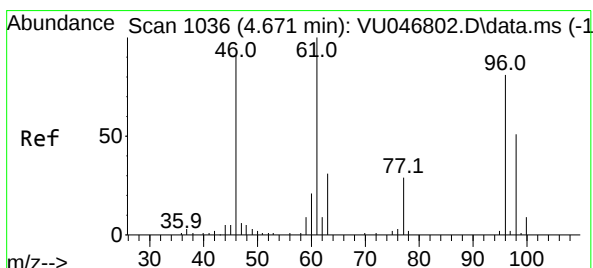
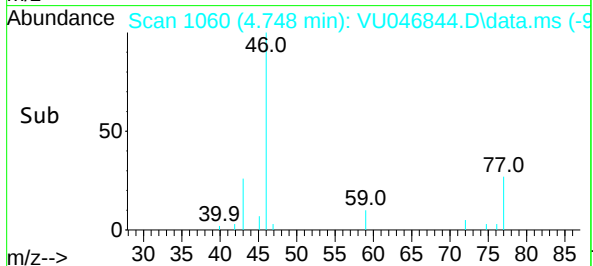
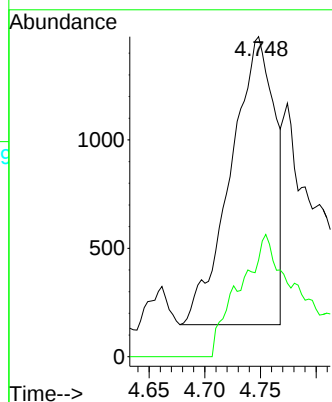
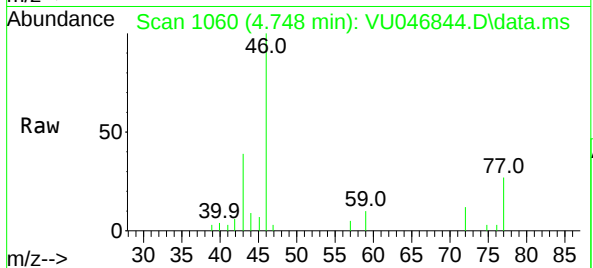
BFX3

Tgt Ion: 43 Resp: 3657

Ion Ratio Lower Upper

43 100

72 53.5 14.1 42.3#



#22

cis-1,2-Dichloroethene

Concen: 0.076 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

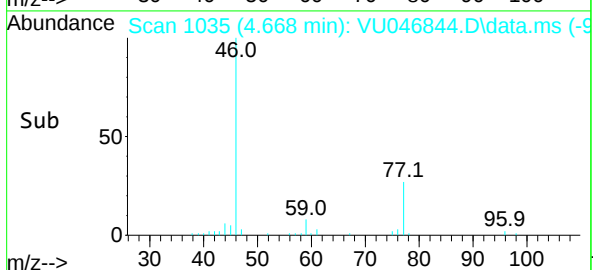
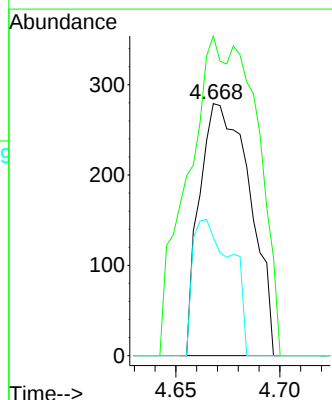
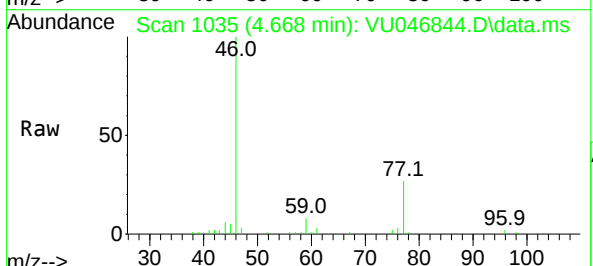
Tgt Ion: 96 Resp: 469

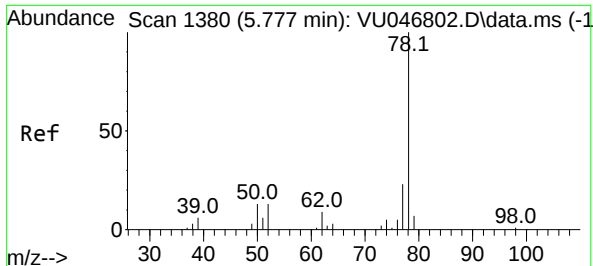
Ion Ratio Lower Upper

96 100

61 126.9 88.5 164.3

98 47.0 44.4 82.5

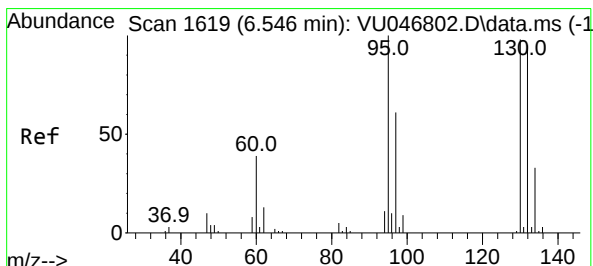
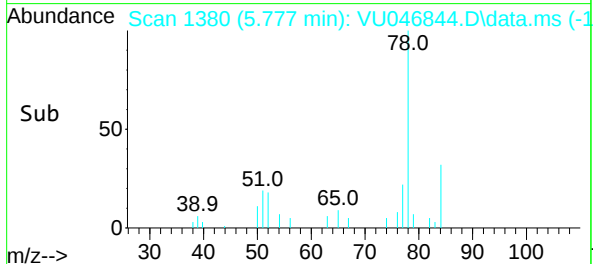
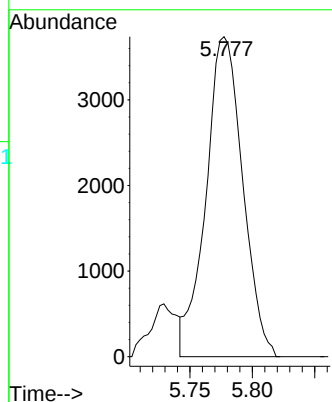
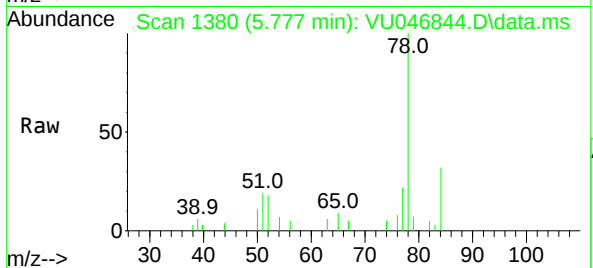




#33
Benzene
Concen: 0.309 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

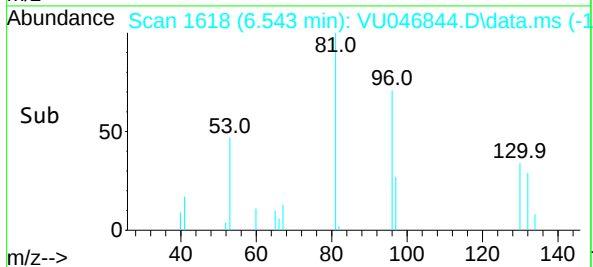
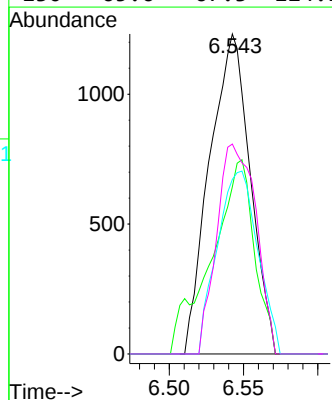
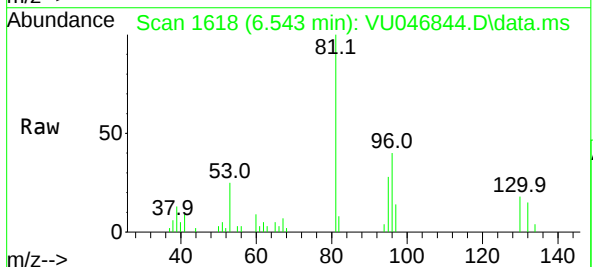
Instrument :
MSVOA_U
ClientSampleId :
BFXX3

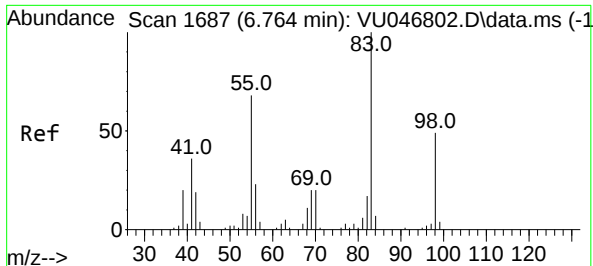
Tgt Ion: 78 Resp: 7661



#34
Trichloroethene
Concen: 0.363 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion: 95 Resp: 2337
Ion Ratio Lower Upper
95 100
97 52.3 46.5 86.5
132 54.5 65.1 120.9#
130 65.6 67.3 124.9#





#35

Methylcyclohexane

Concen: 1.006 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

BFX3

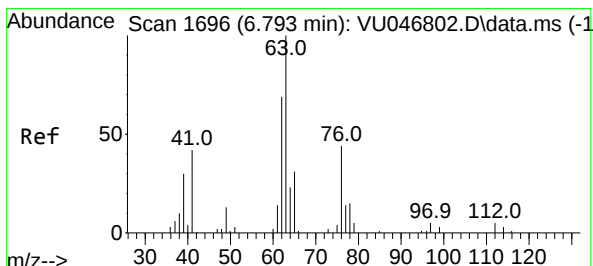
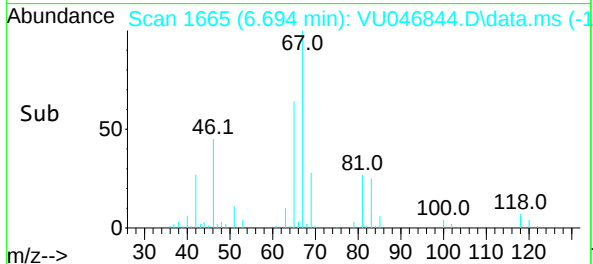
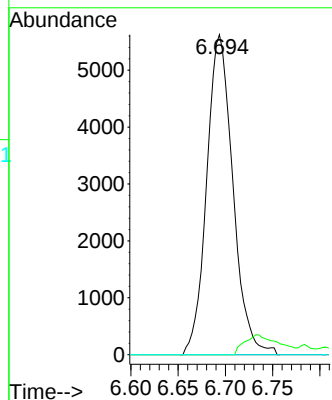
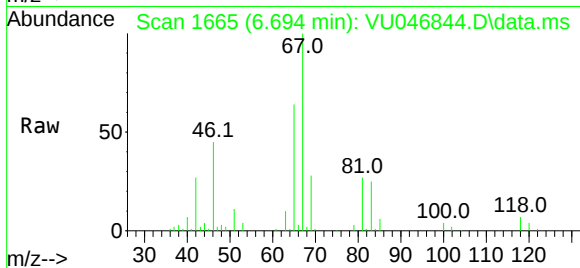
Tgt Ion: 83 Resp: 10861

Ion Ratio Lower Upper

83 100

55 8.0 61.9 92.9#

98 0.6 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.747 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.106 min

Lab File: VU046844.D

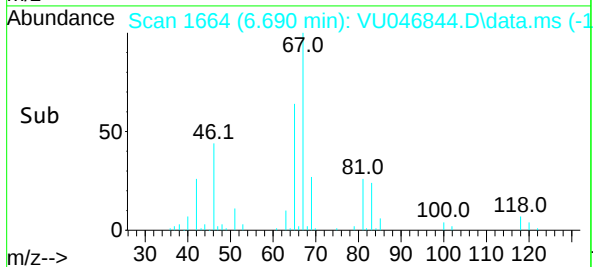
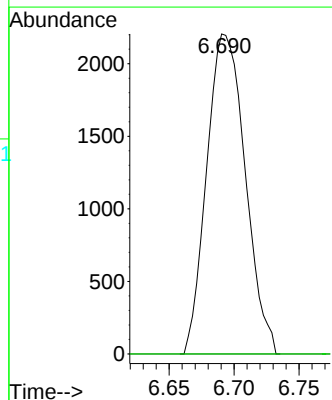
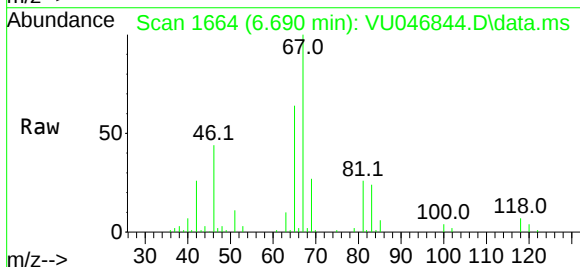
Acq: 26 Jan 2022 14:36

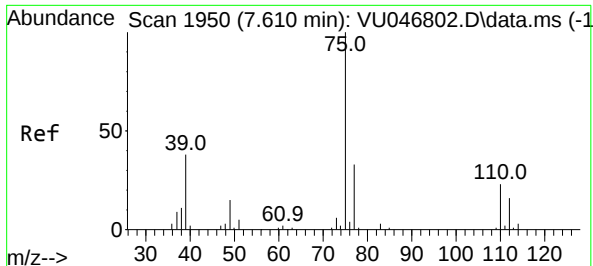
Tgt Ion: 63 Resp: 4550

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.571 min Scan# 19

Delta R.T. -0.039 min

Lab File: VU046844.D

Acq: 26 Jan 2022 14:36

Instrument :

MSVOA_U

ClientSampleId :

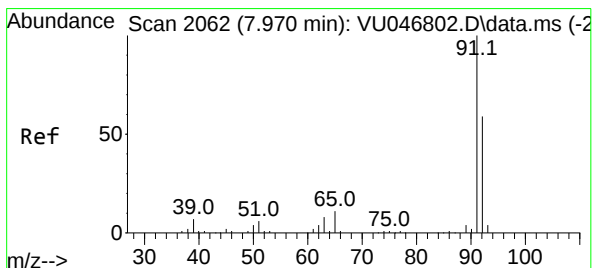
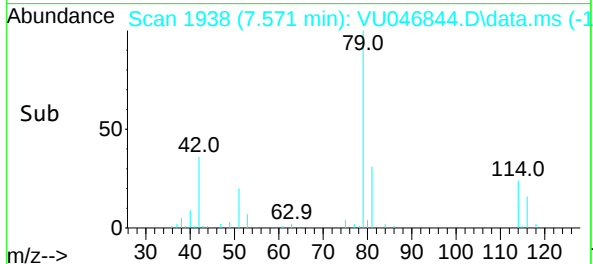
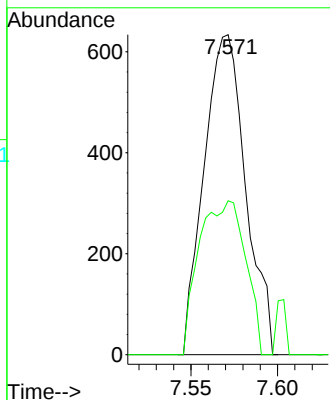
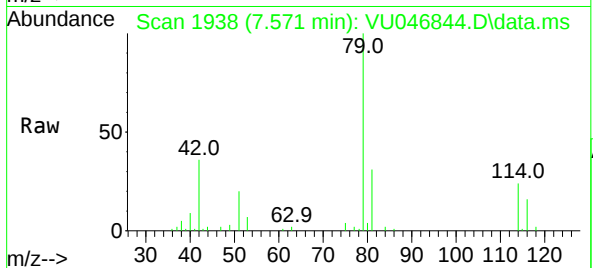
BFXX3

Tgt Ion: 75 Resp: 1062

Ion Ratio Lower Upper

75 100

77 48.1 22.5 41.9#



#42

Toluene

Concen: 0.375 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU046844.D

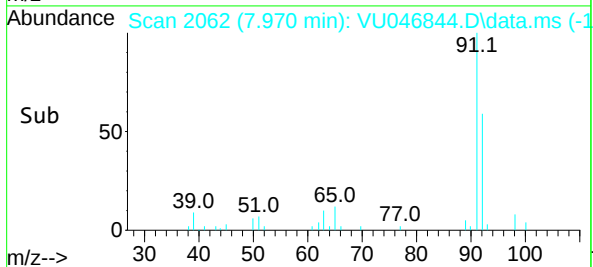
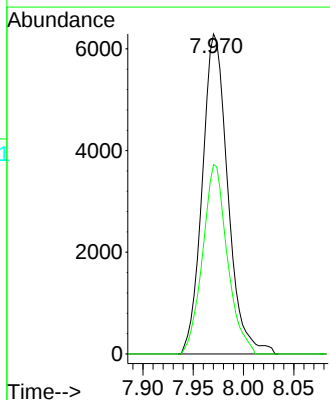
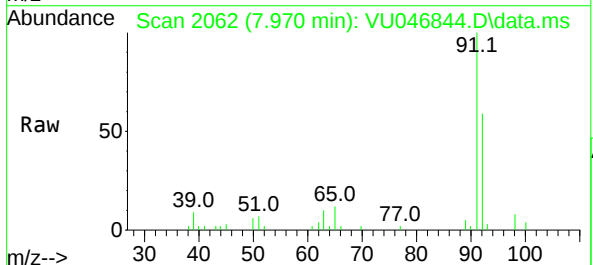
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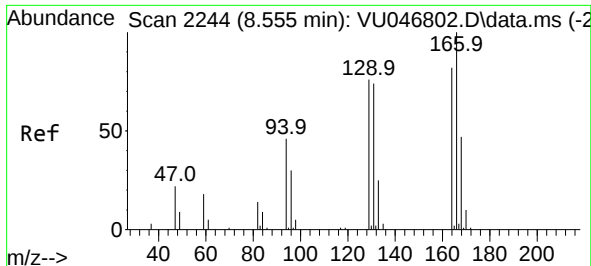
Tgt Ion: 91 Resp: 11109

Ion Ratio Lower Upper

91 100

92 59.2 41.3 76.7

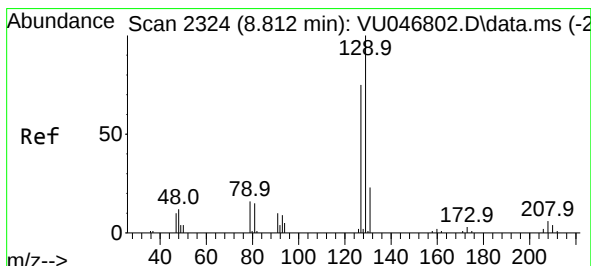
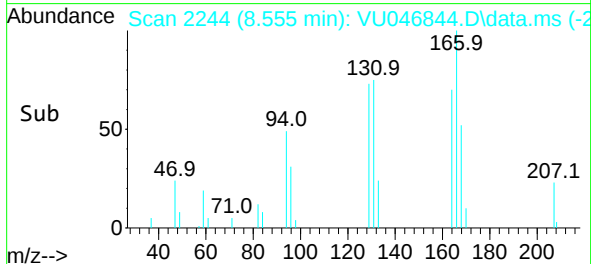
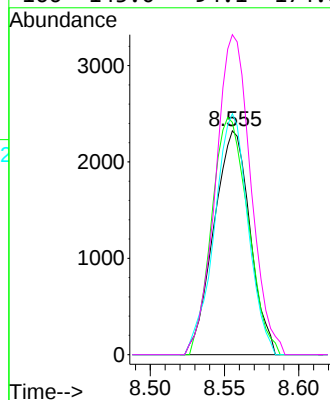
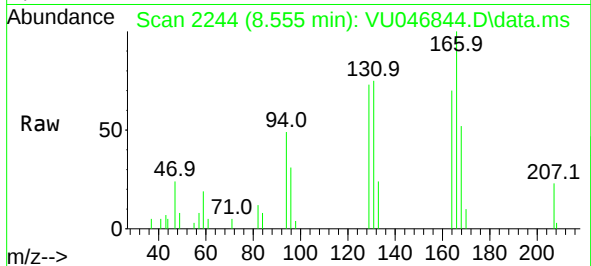




#47
Tetrachloroethene
Concen: 0.750 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

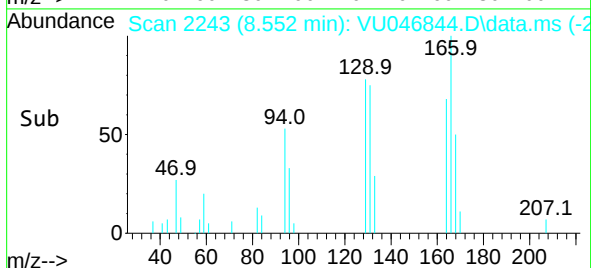
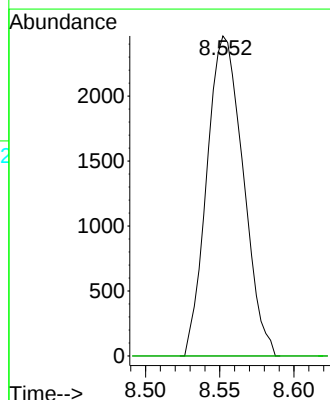
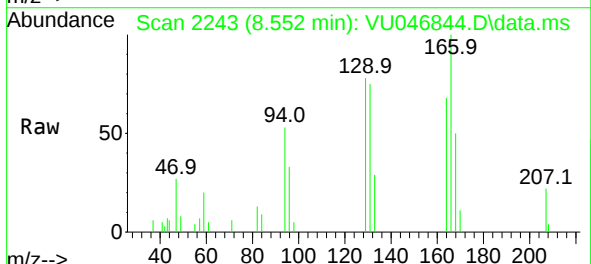
Instrument :
MSVOA_U
ClientSampleId :
BFXX3

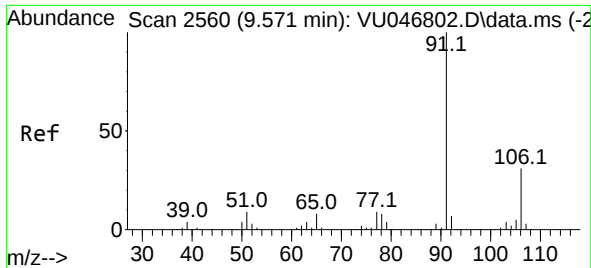
Tgt Ion:164	Resp:	3932	
Ion	Ratio	Lower	Upper
164	100		
129	103.8	71.8	133.4
131	107.7	68.5	127.3
166	143.0	94.1	174.8



#49
Dibromochloromethane
Concen: 0.684 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.260 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion:129	Resp:	4178	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.4	102.8#

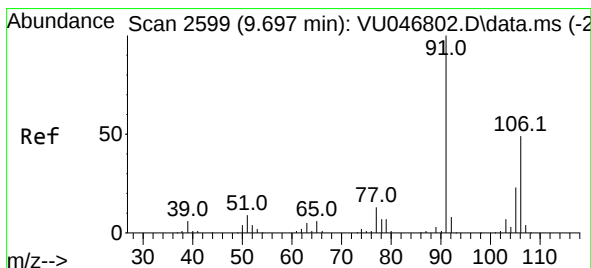
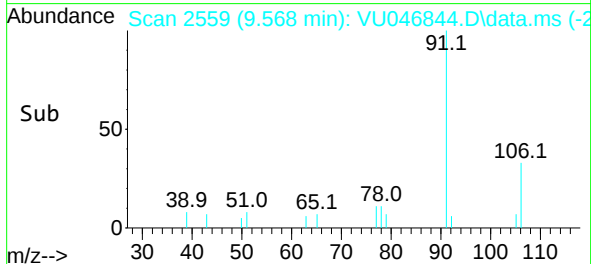
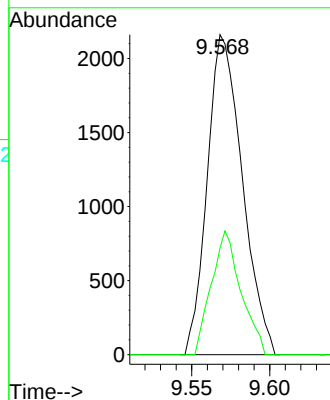
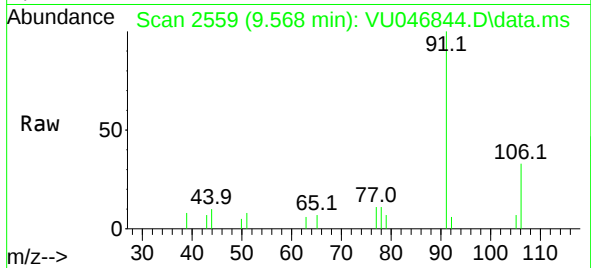




#52
Ethylbenzene
Concen: 0.120 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.006 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

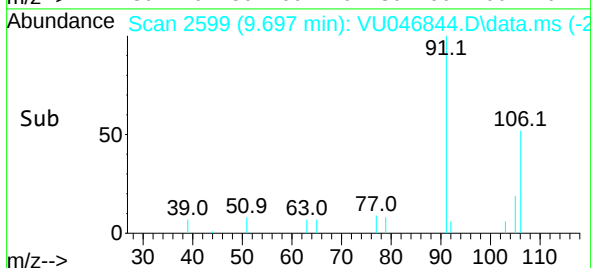
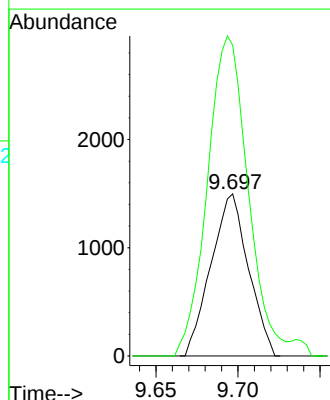
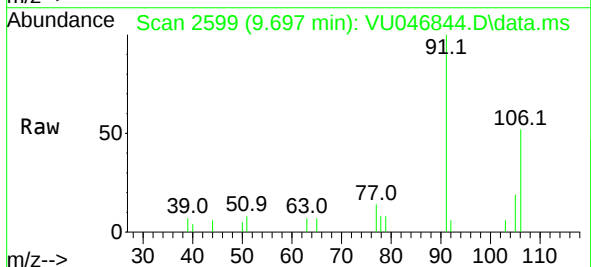
Instrument :
MSVOA_U
ClientSampleId :
BFXX3

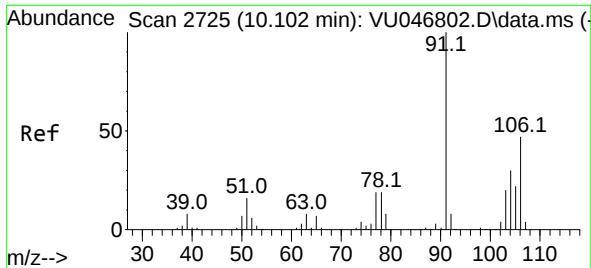
Tgt Ion: 91 Resp: 3370
Ion Ratio Lower Upper
91 100
106 33.4 21.5 39.9



#53
m,p-Xylene
Concen: 0.211 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion: 106 Resp: 2371
Ion Ratio Lower Upper
106 100
91 191.9 139.4 259.0

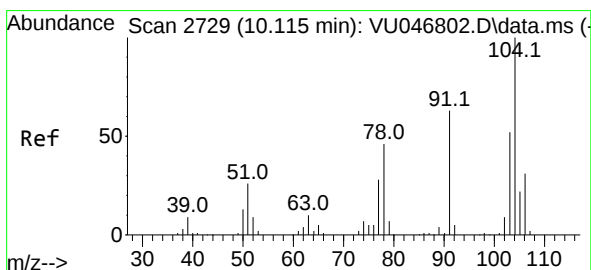
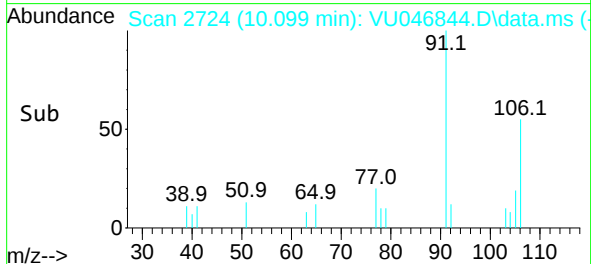
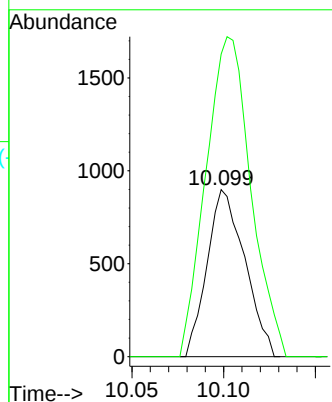
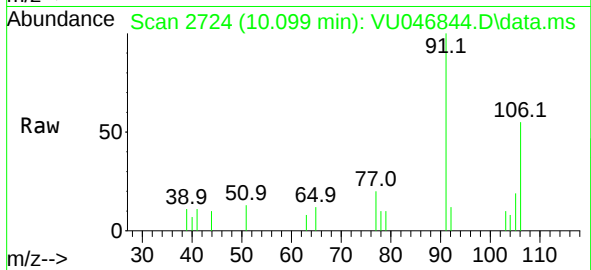




#54
o-Xylene
Concen: 0.118 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

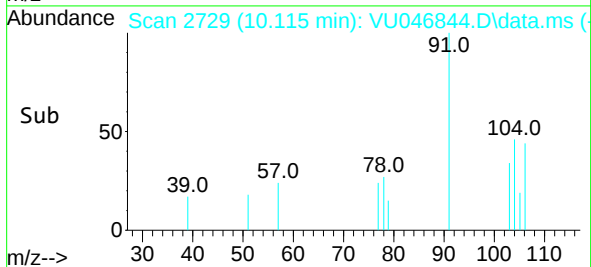
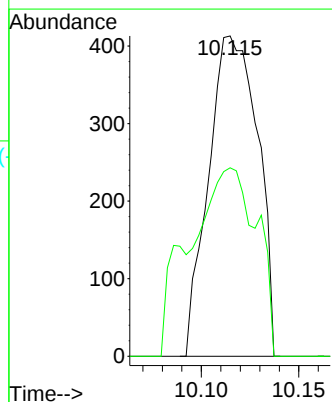
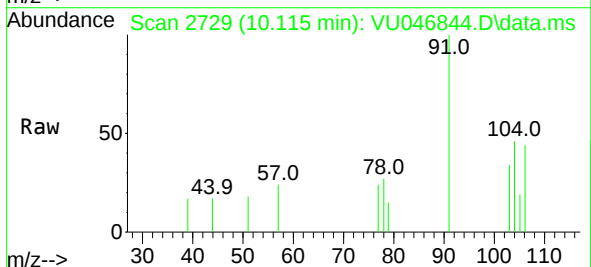
Instrument :
MSVOA_U
ClientSampleId :
BFXX3

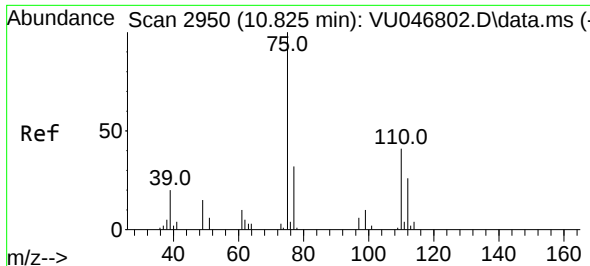
Tgt Ion:106 Resp: 1283
Ion Ratio Lower Upper
106 100
91 181.1 147.5 273.9



#55
Styrene
Concen: 0.041 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Tgt Ion:104 Resp: 723
Ion Ratio Lower Upper
104 100
78 58.8 33.0 61.4

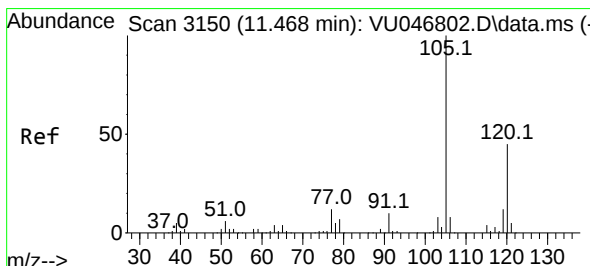
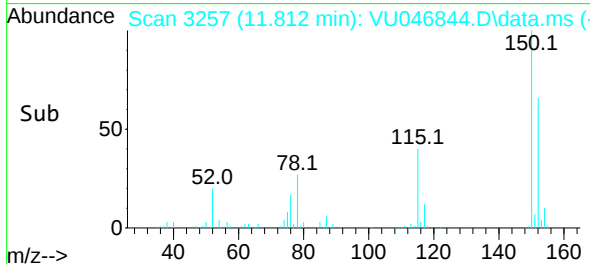
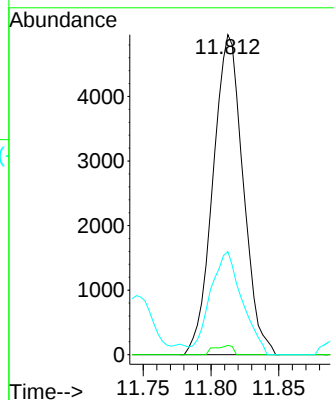
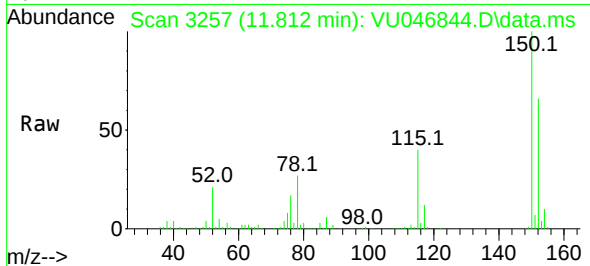




#61
1,2,3-Trichloropropane
Concen: 1.440 ug/L
RT: 11.812 min Scan# 3150
Delta R.T. 0.987 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

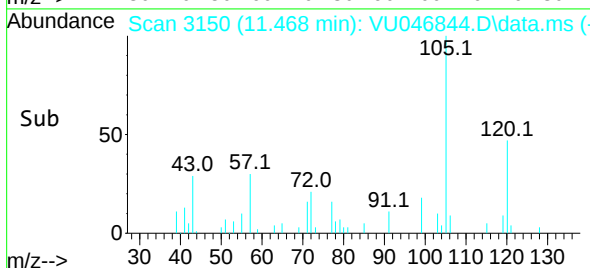
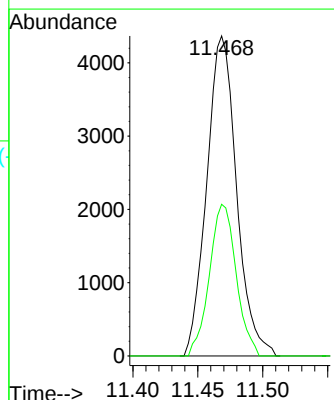
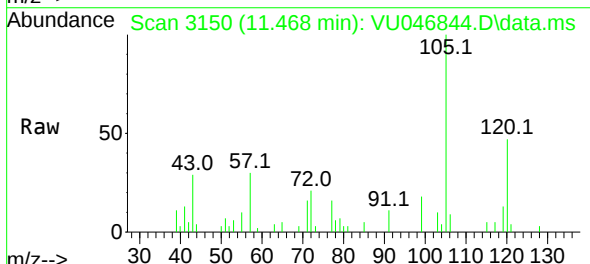
Instrument :
MSVOA_U
ClientSampleId :
BFX3

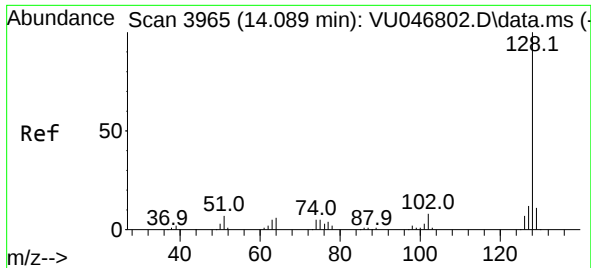
Tgt Ion: 75 Resp: 7653
Ion Ratio Lower Upper
75 100
110 0.0 29.9 44.9#
77 34.2 25.5 38.3



#63
1,2,4-Trimethylbenzene
Concen: 0.283 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

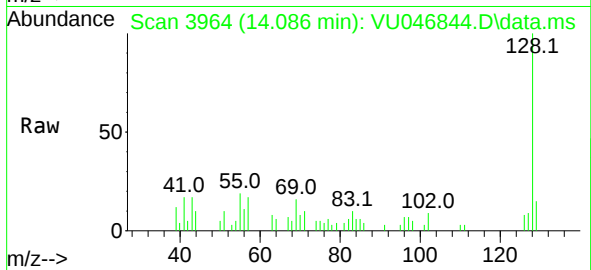
Tgt Ion: 105 Resp: 6977
Ion Ratio Lower Upper
105 100
120 42.5 35.8 53.8





#71
Naphthalene
Concen: 0.345 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046844.D
Acq: 26 Jan 2022 14:36

Instrument :
MSVOA_U
ClientSampleId :
BFXX3



Tgt Ion:128 Resp: 6764
Ion Ratio Lower Upper
128 100
129 12.4 8.4 12.6
127 9.9 10.2 15.2#

