

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021898.D
 Acq On : 11 May 2021 14:51
 Operator : JC/MD
 Sample : M2337-01
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6J8

Quant Time: May 12 03:40:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 03:37:54 2021
 Response via : Initial Calibration

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

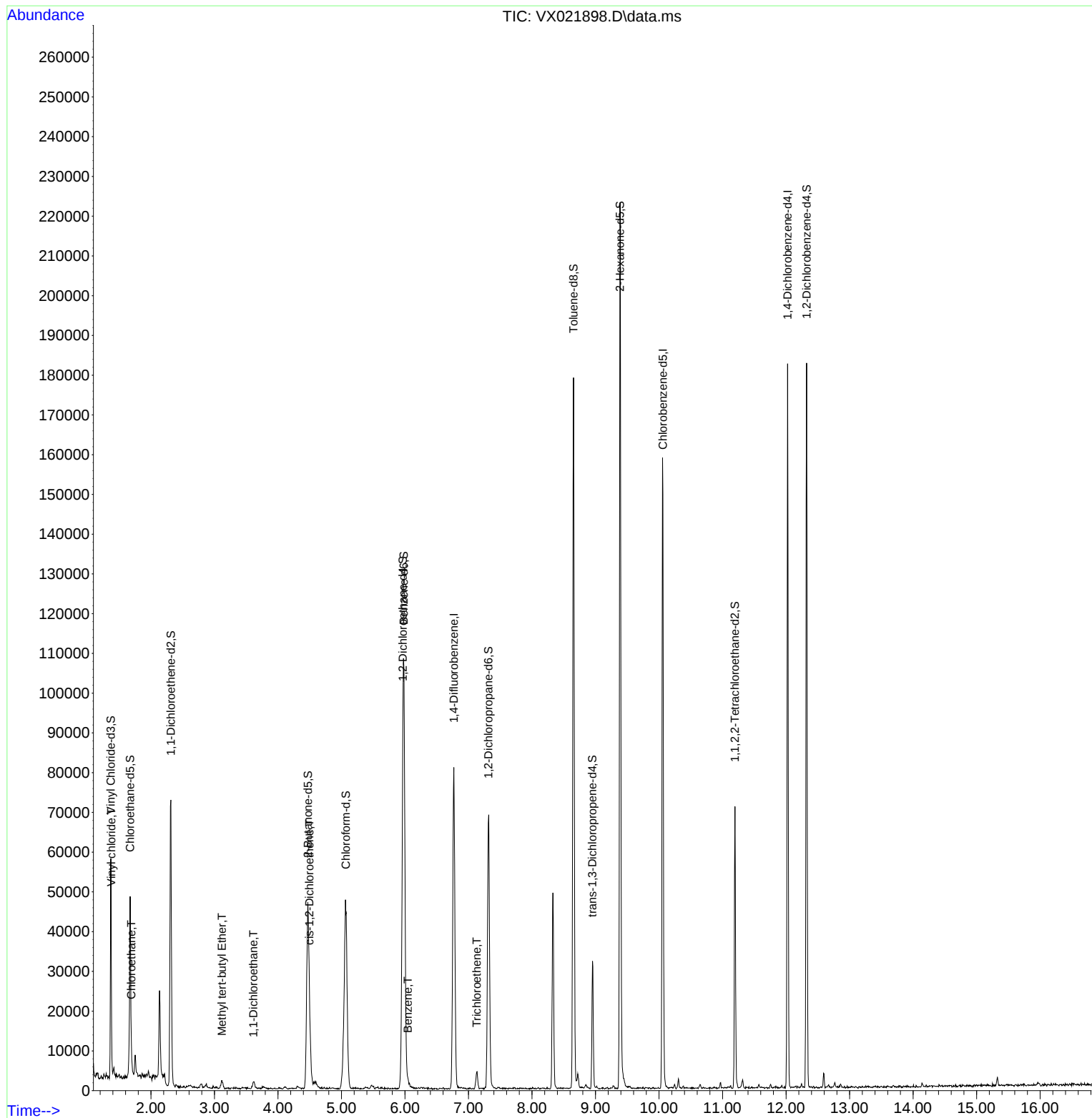
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	82101	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	71491	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33787	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	30912	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.672	69	26500	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.312	63	39077	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	4.471	46	80041	49.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.64%
24) Chloroform-d	5.068	84	54697	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.964	65	29340	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.982	84	115503	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	7.311	67	34907	4.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.20%
41) Toluene-d8	8.653	98	103961	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloroprop...	8.951	79	15108	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	9.384	63	66820	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26698	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
66) 1,2-Dichlorobenzene-d4	12.323	152	34585	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.373	62	1216	0.15	ug/L #	59
8) Chloroethane	1.691	64	2073	0.43	ug/L	87
17) Methyl tert-butyl Ether	3.117	73	1725	0.12	ug/L #	62
19) 1,1-Dichloroethane	3.611	63	2292	0.21	ug/L	96
22) cis-1,2-Dichloroethene	4.495	96	4030	0.58	ug/L	82
33) Benzene	6.043	78	2363	0.10	ug/L	100
34) Trichloroethene	7.129	95	1407	0.22	ug/L	87

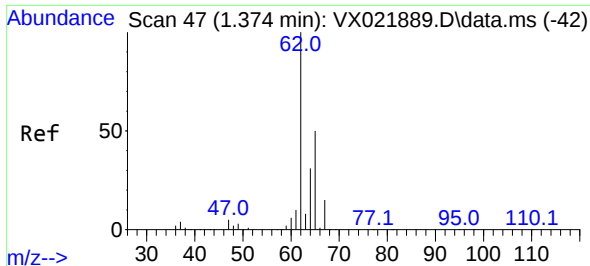
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 03:40:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 03:37:54 2021
Response via : Initial Calibration

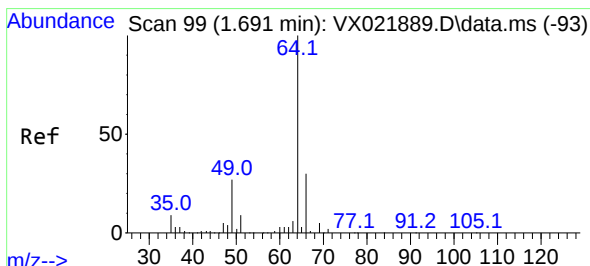
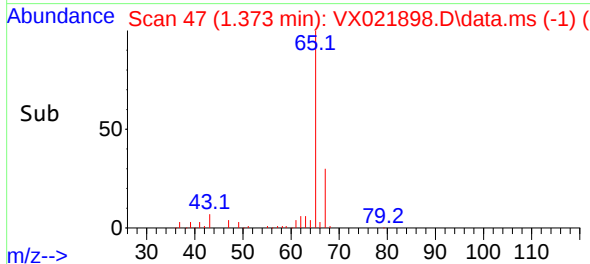
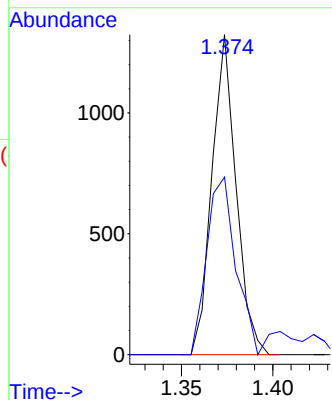
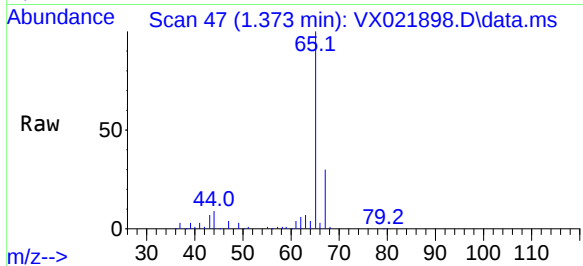




#5
 Vinyl chloride
 Concen: 0.15 ug/L
 RT: 1.373 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX021898.D
 Acq: 11 May 2021 14:51

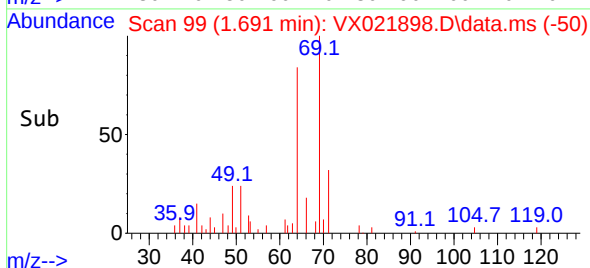
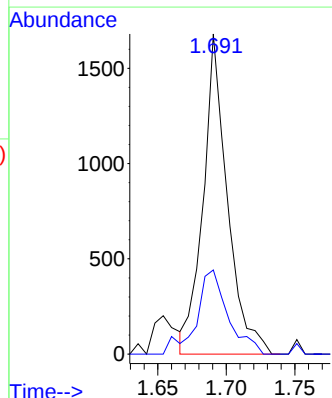
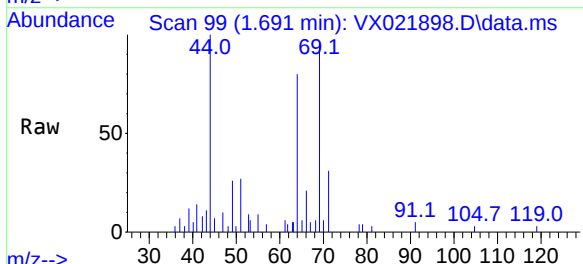
Instrument :
 MSVOA_X
 ClientSampled :
 BG6J8

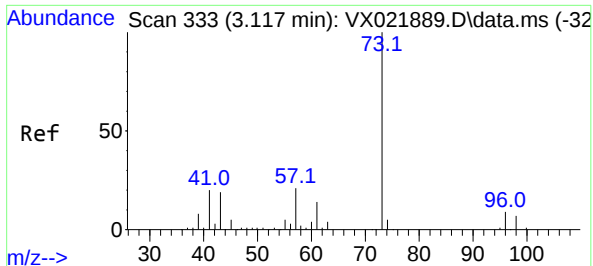
Tgt Ion: 62 Resp: 1216
 Ion Ratio Lower Upper
 62 100
 64 55.5 22.7 42.1#



#8
 Chloroethane
 Concen: 0.43 ug/L
 RT: 1.691 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VX021898.D
 Acq: 11 May 2021 14:51

Tgt Ion: 64 Resp: 2073
 Ion Ratio Lower Upper
 64 100
 66 26.3 23.6 43.8



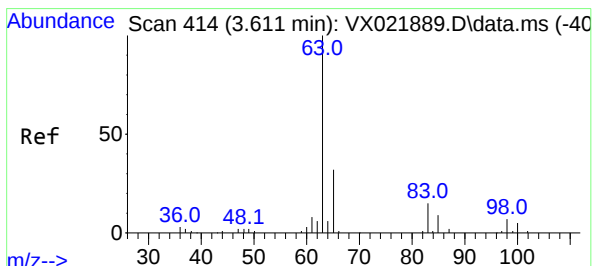
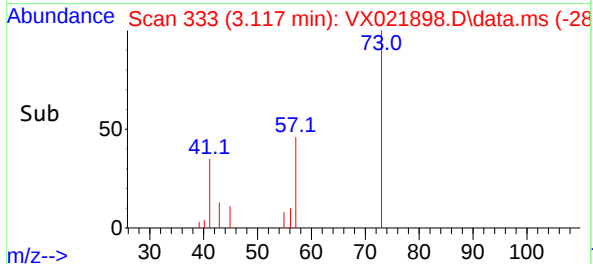
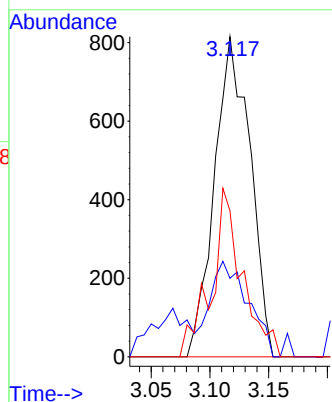
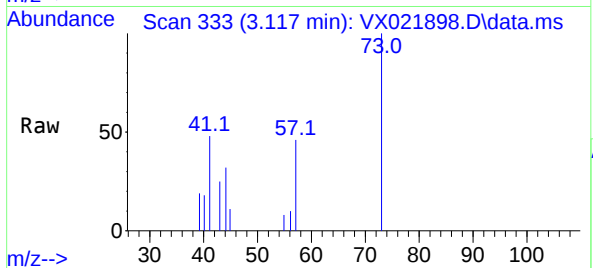


#17
Methyl tert-butyl Ether
Concen: 0.12 ug/L
RT: 3.117 min Scan# 333
Delta R.T. -0.000 min
Lab File: VX021898.D
Acq: 11 May 2021 14:51

Instrument :
MSVOA_X
ClientSampled :
BG6J8

Tgt Ion: 73 Resp: 1725

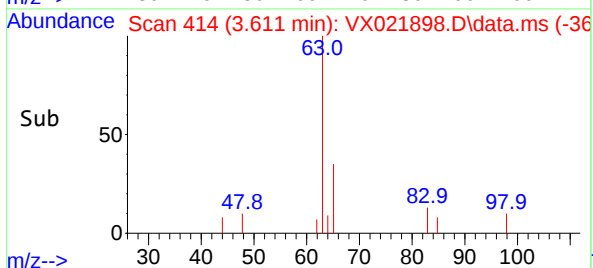
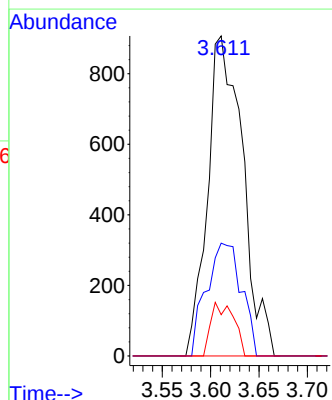
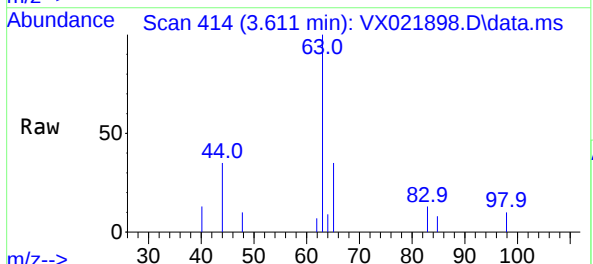
Ion	Ratio	Lower	Upper
73	100		
43	32.2	16.5	24.7#
57	45.6	17.1	25.7#

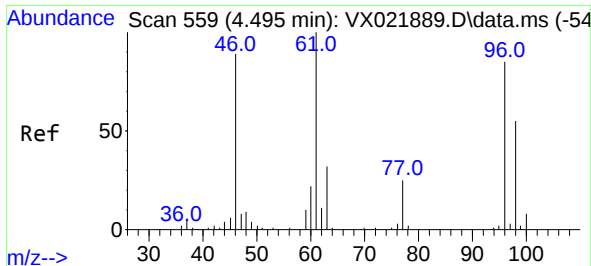


#19
1,1-Dichloroethane
Concen: 0.21 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX021898.D
Acq: 11 May 2021 14:51

Tgt Ion: 63 Resp: 2292

Ion	Ratio	Lower	Upper
63	100		
65	35.3	22.5	41.9
83	12.9	8.7	16.1

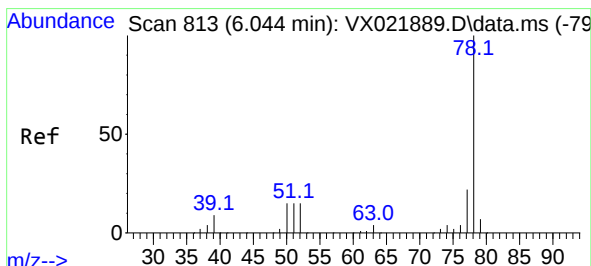
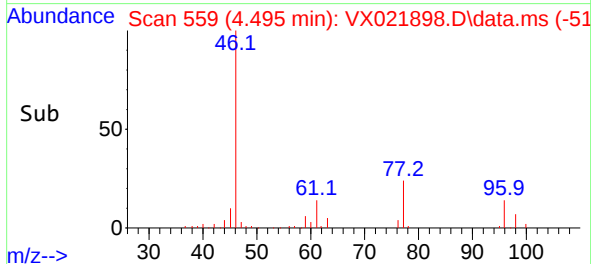
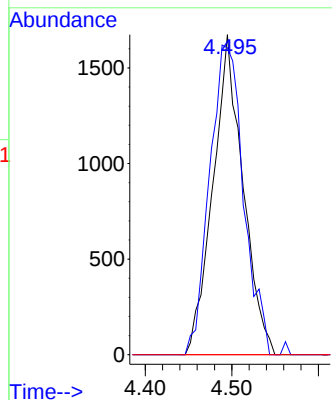
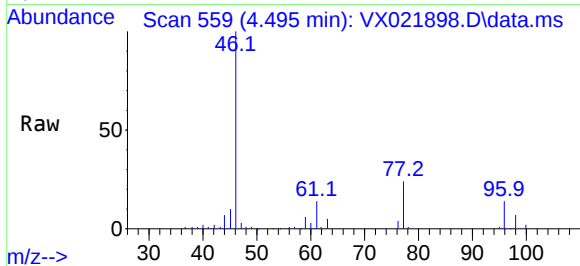




#22
cis-1,2-Dichloroethene
Concen: 0.58 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX021898.D
Acq: 11 May 2021 14:51

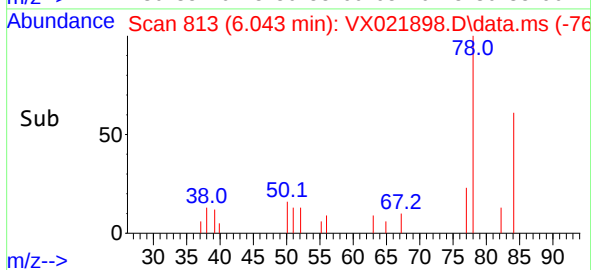
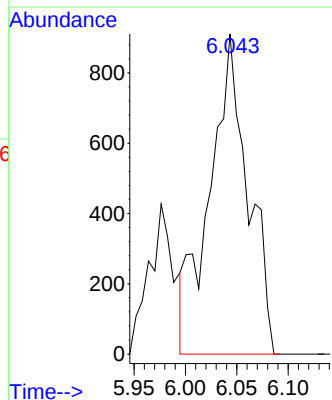
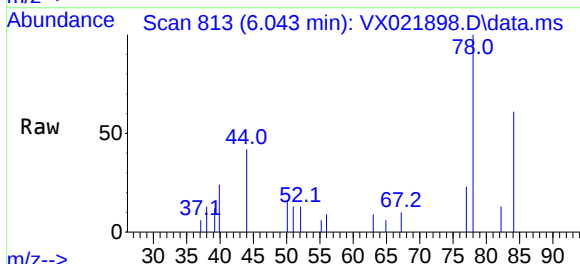
Instrument :
MSVOA_X
ClientSampled :
BG6J8

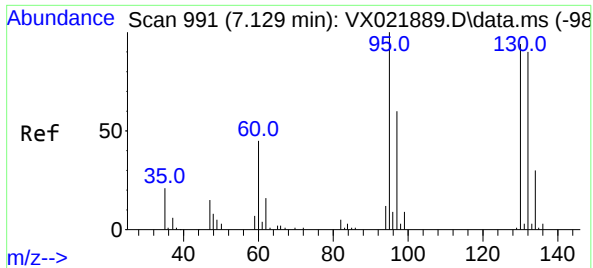
Tgt Ion: 96 Resp: 4030
Ion Ratio Lower Upper
96 100
61 95.9 80.9 150.3
68 0.0 0.0 0.0



#33
Benzene
Concen: 0.10 ug/L
RT: 6.043 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX021898.D
Acq: 11 May 2021 14:51

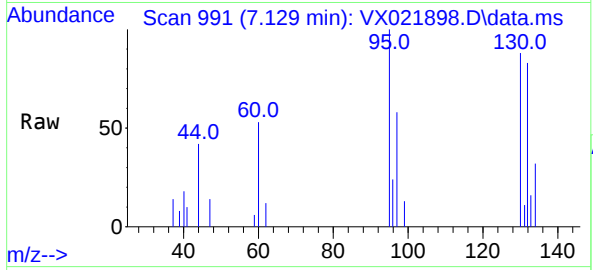
Tgt Ion: 78 Resp: 2363





#34
Trichloroethene
Concen: 0.22 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX021898.D
Acq: 11 May 2021 14:51

Instrument :
MSVOA_X
ClientSampleId :
BG6J8



Tgt Ion: 95 Resp: 1407

Ion	Ratio	Lower	Upper
95	100		
97	57.8	48.6	90.2
132	82.7	67.3	125.1
130	88.0	69.1	128.3

