

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021900.D
 Acq On : 11 May 2021 15:35
 Operator : JC/MD
 Sample : M2337-03
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6K0

Quant Time: May 20 16:01:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 18 04:17:19 2021
 Response via : Initial Calibration

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

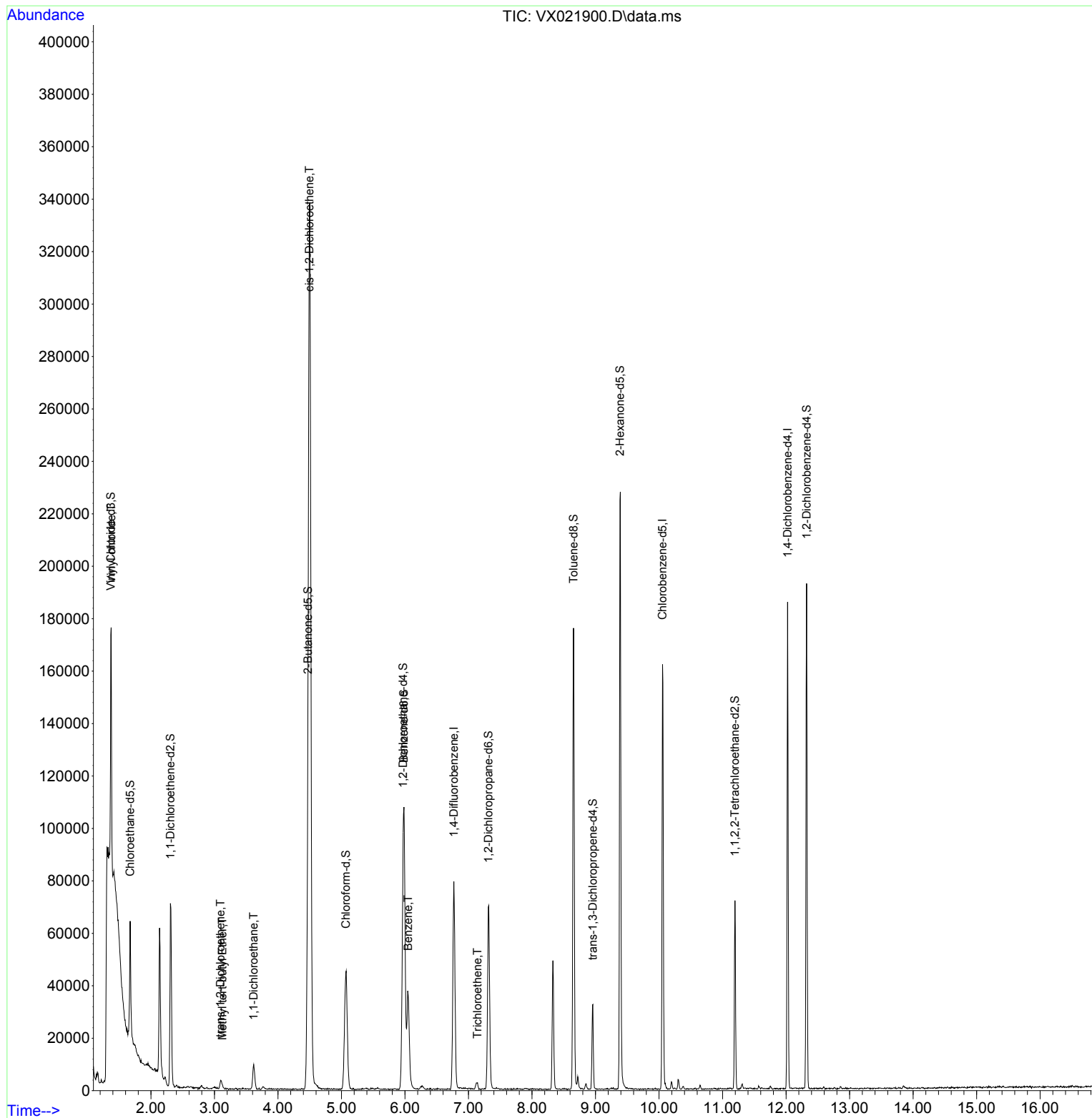
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	78830	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	71559	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33403	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	32054	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.672	69	26346	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.306	63	38916	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.471	46	79424	51.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	5.068	84	54373	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.970	65	28867	4.83	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.983	84	114412	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.312	67	35827	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	8.653	98	103844	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloroprop...	8.958	79	15132	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	9.384	63	70256	50.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.66%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	27818	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
66) 1,2-Dichlorobenzene-d4	12.323	152	34889	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	34020	4.39	ug/L #	1
17) Methyl tert-butyl Ether	3.123	73	1579	0.11	ug/L #	67
18) trans-1,2-Dichloroethene	3.093	96	1035	0.17	ug/L #	78
19) 1,1-Dichloroethane	3.617	63	10341	0.98	ug/L	94
22) cis-1,2-Dichloroethene	4.495	96	202339	30.56	ug/L	95
33) Benzene	6.050	78	42520	1.72	ug/L	100
34) Trichloroethene	7.141	95	992	0.15	ug/L	89

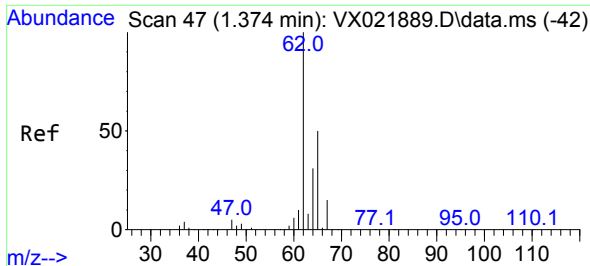
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 20 16:01:45 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 18 04:17:19 2021
Response via : Initial Calibration

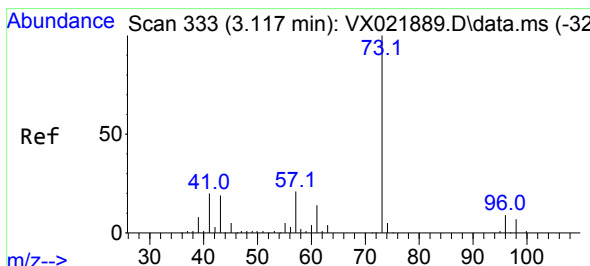
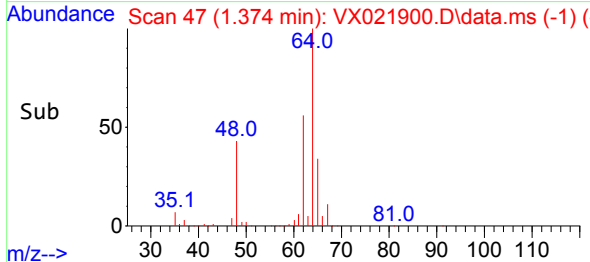
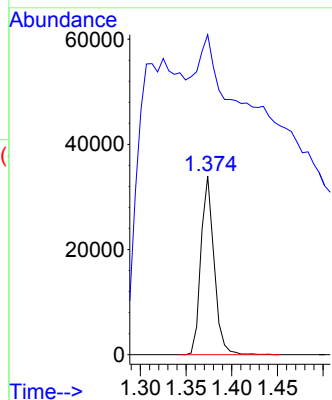
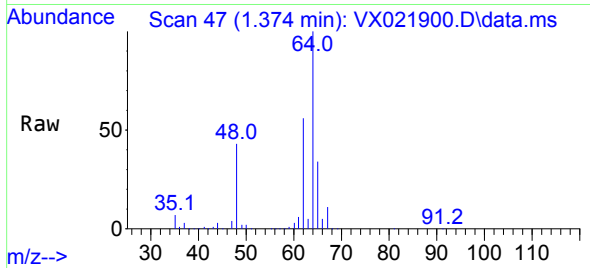




#5
 Vinyl chloride
 Concen: 4.39 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX021900.D
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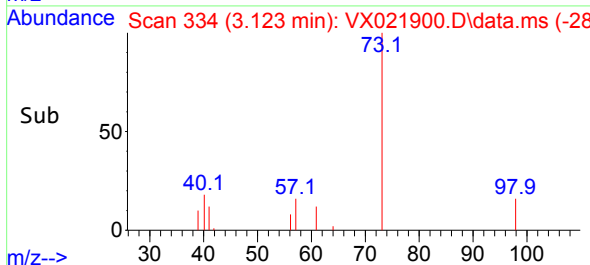
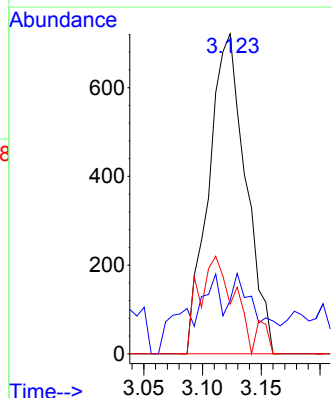
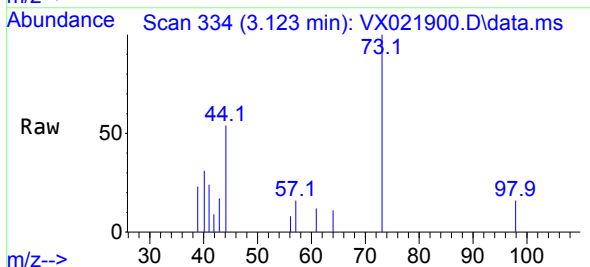
Instrument :
 MSVOA_X
 ClientSampled :
 BG6K0

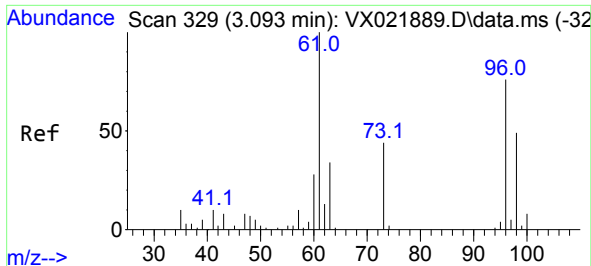
Tgt Ion: 62 Resp: 34020
 Ion Ratio Lower Upper
 62 100
 64 179.0 22.7 42.1#



#17
 Methyl tert-butyl Ether
 Concen: 0.11 ug/L
 RT: 3.123 min Scan# 334
 Delta R.T. 0.006 min
 Lab File: VX021900.D
 Acq: 11 May 2021 15:35

Tgt Ion: 73 Resp: 1579
 Ion Ratio Lower Upper
 73 100
 43 8.3 16.5 24.7#
 57 3.3 17.1 25.7#

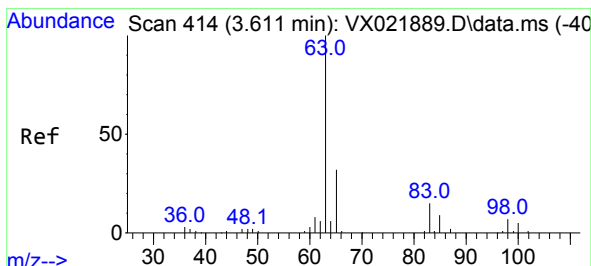
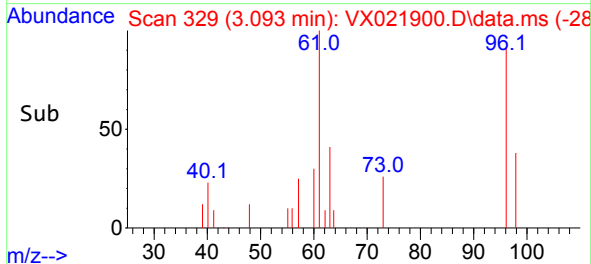
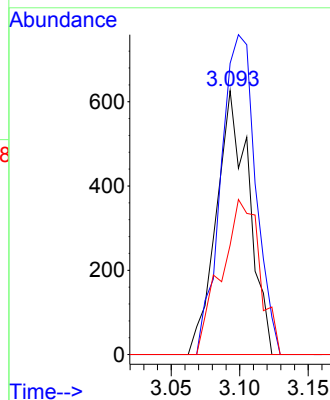
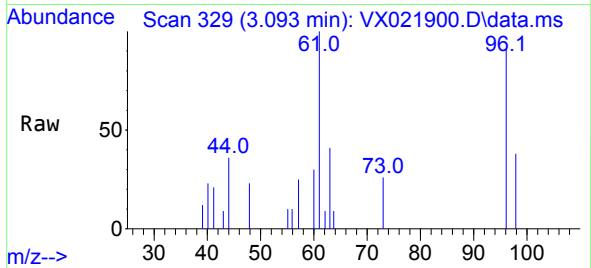




#18
trans-1,2-Dichloroethene
Concen: 0.17 ug/L
RT: 3.093 min Scan# 329
Delta R.T. 0.000 min
Lab File: VX021900.D
Acq: 11 May 2021 15:35

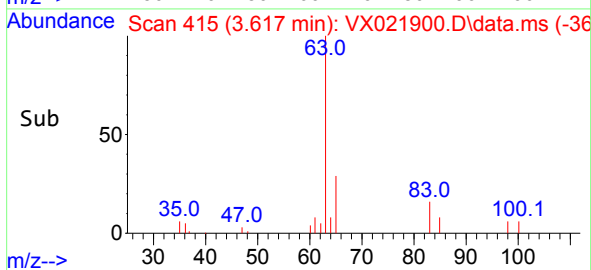
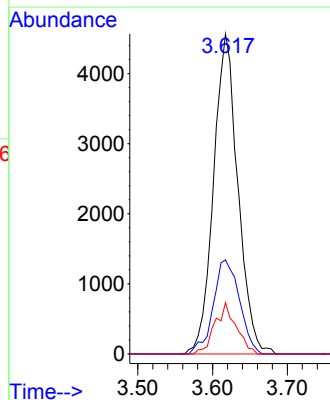
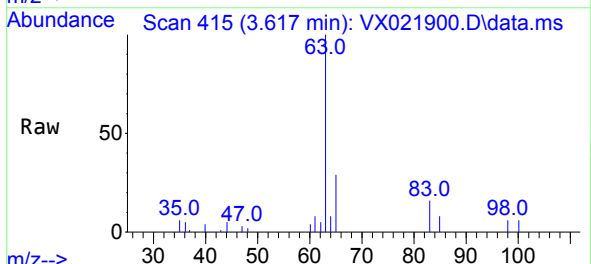
Instrument :
MSVOA_X
ClientSampleId :
BG6K0

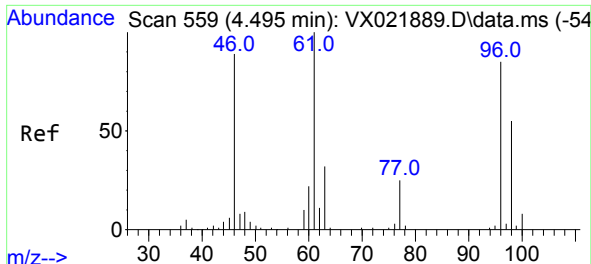
Tgt Ion: 96 Resp: 1035
Ion Ratio Lower Upper
96 100
61 110.4 93.0 172.8
98 41.5 44.8 83.2#



#19
1,1-Dichloroethane
Concen: 0.98 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX021900.D
Acq: 11 May 2021 15:35

Tgt Ion: 63 Resp: 10341
Ion Ratio Lower Upper
63 100
65 29.4 22.5 41.9
83 16.0 8.7 16.1

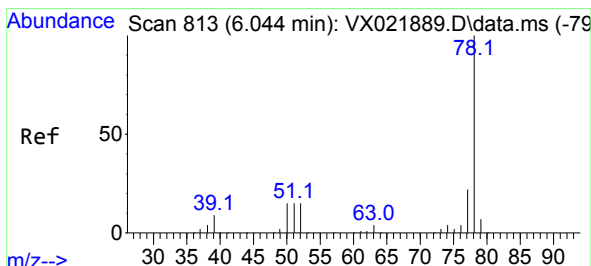
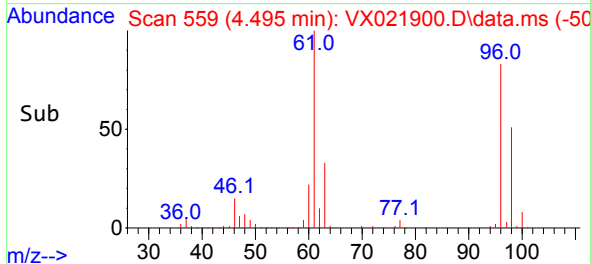
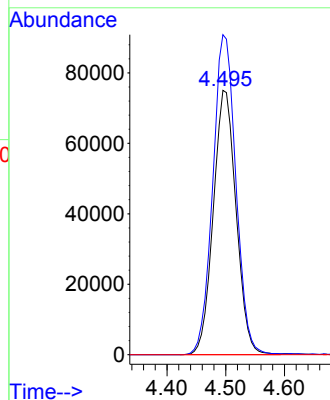
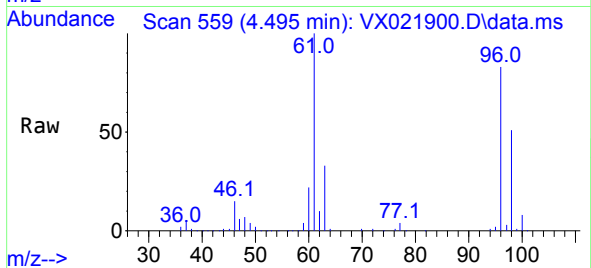




#22
cis-1,2-Dichloroethene
Concen: 30.56 ug/L
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX021900.D
Acq: 11 May 2021 15:35

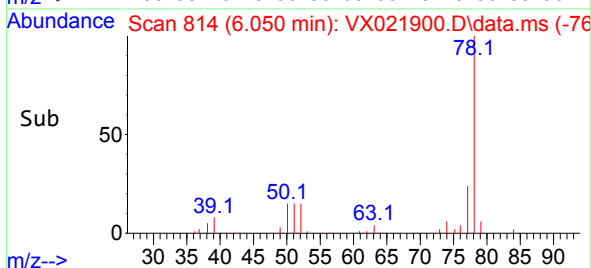
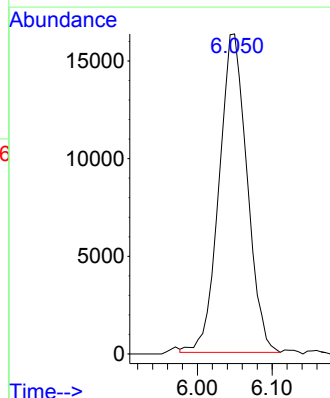
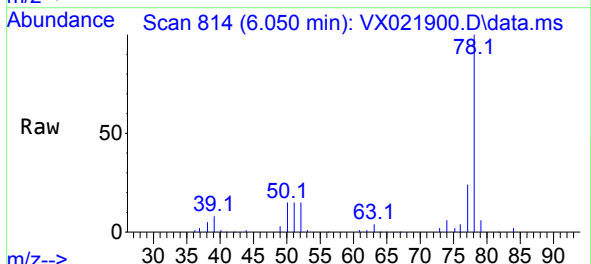
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MSVOA_X
ClientSampleId :
BG6K0

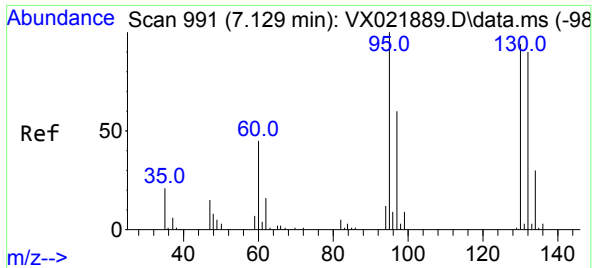
Tgt Ion: 96 Resp: 202339
Ion Ratio Lower Upper
96 100
61 121.1 80.9 150.3
68 0.0 0.0 0.0



#33
Benzene
Concen: 1.72 ug/L
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX021900.D
Acq: 11 May 2021 15:35

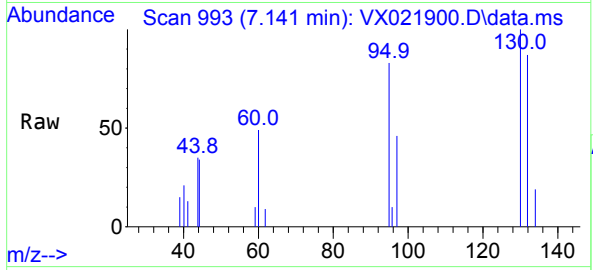
Tgt Ion: 78 Resp: 42520





#34
 Trichloroethene
 Concen: 0.15 ug/L
 RT: 7.141 min Scan# 993
 Delta R.T. 0.012 min
 Lab File: VX021900.D
 Acq: 11 May 2021 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6K0



Tgt Ion: 95 Resp: 992

Ion	Ratio	Lower	Upper
95	100		
97	49.0	48.6	90.2
132	93.2	67.3	125.1
130	107.4	69.1	128.3

