

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021901.D
 Acq On : 11 May 2021 15:58
 Operator : JC/MD
 Sample : M2337-04
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6K1

Quant Time: May 12 03:41:28 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)

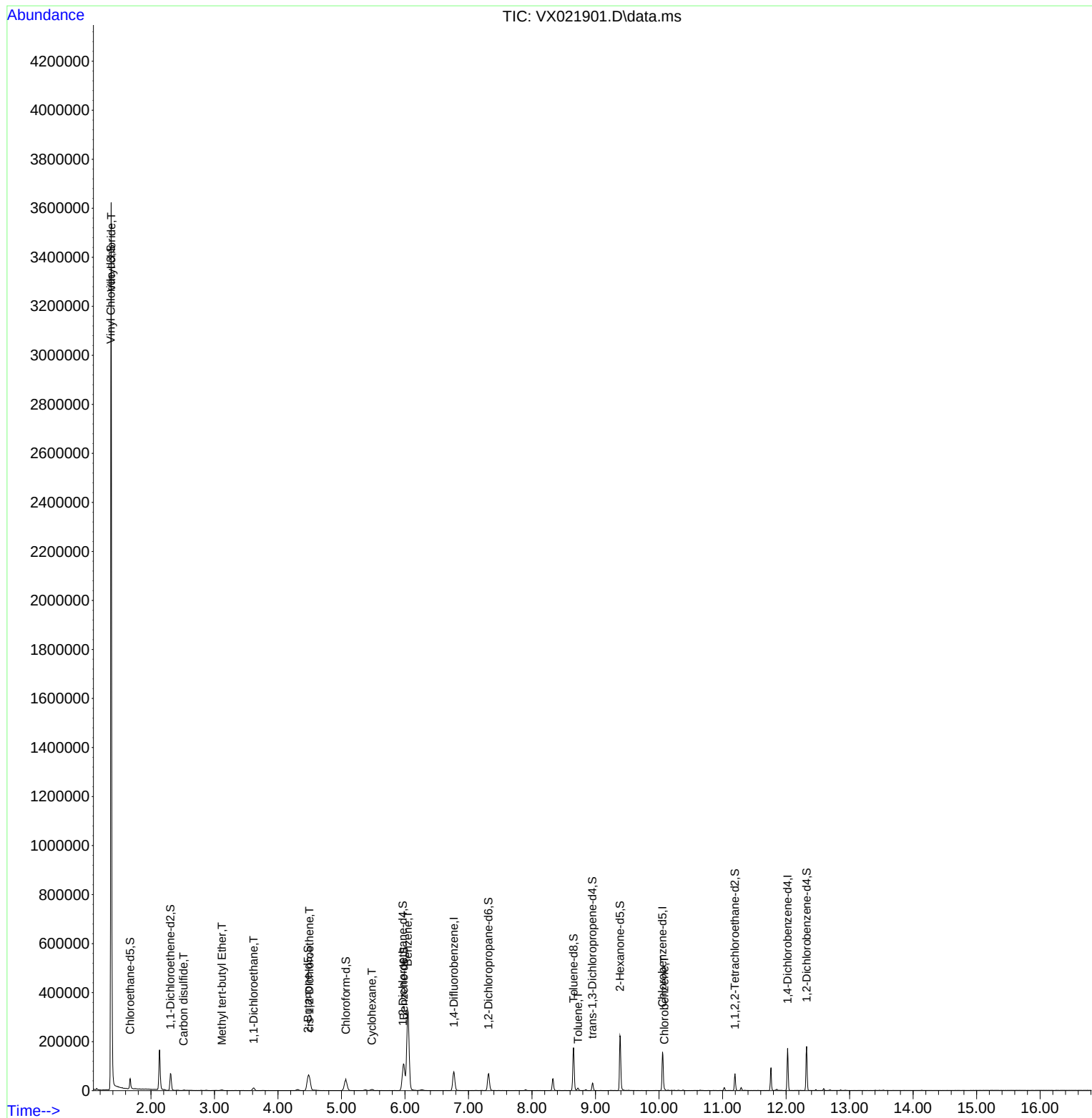
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	79581	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	70204	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	31477	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	47231	6.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.20%#
7) Chloroethane-d5	1.672	69	26076	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.306	63	38624	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.471	46	81243	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	5.068	84	54113	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.964	65	29136	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.983	84	114686	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	7.312	67	34915	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	8.653	98	102425	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloroprop...	8.952	79	14999	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	9.384	63	69219	50.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.08%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	26330	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
66) 1,2-Dichlorobenzene-d4	12.323	152	33989	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2099417	268.29	ug/L	97
14) Carbon disulfide	2.514	76	4196	0.23	ug/L #	94
17) Methyl tert-butyl Ether	3.117	73	2119	0.15	ug/L #	77
19) 1,1-Dichloroethane	3.617	63	12135	1.14	ug/L #	94
22) cis-1,2-Dichloroethene	4.495	96	21539	3.22	ug/L	100
30) Cyclohexane	5.477	56	3408	0.33	ug/L	95
33) Benzene	6.044	78	401824	16.58	ug/L	100
42) Toluene	8.726	91	6381	0.25	ug/L	89
51) Chlorobenzene	10.085	112	1715	0.11	ug/L	92

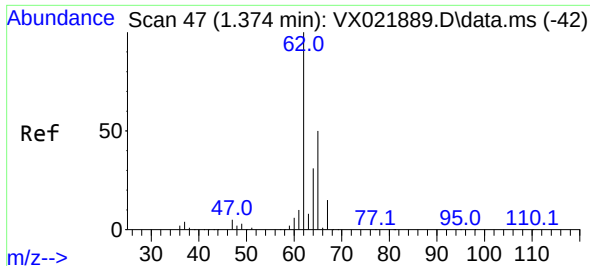
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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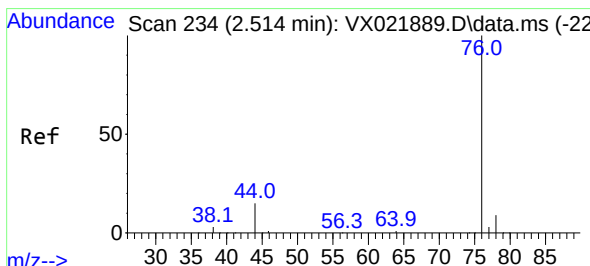
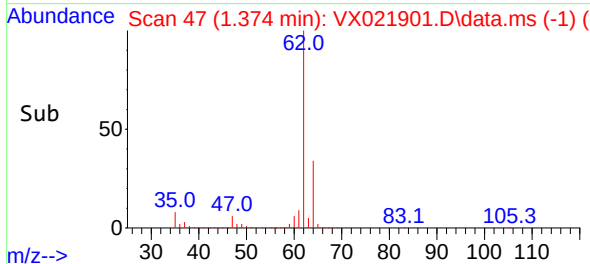
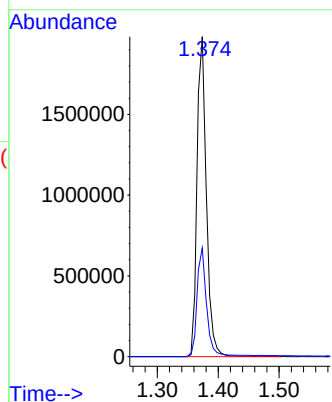
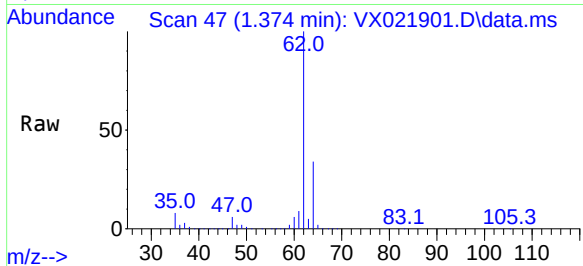


#5
 Vinyl chloride
 Concen: 268.29 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX021901.D
 Acq: 11 May 2021 15:58

Instrument :
 MSVOA_X
 ClientSampled :
 BG6K1

Tgt Ion: 62 Resp: 2099417

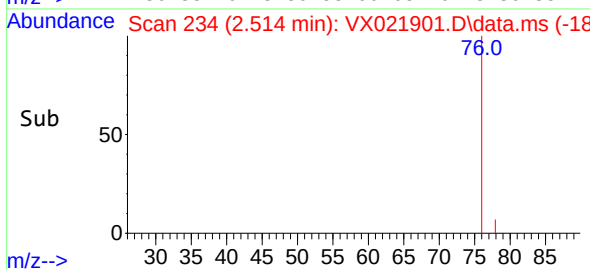
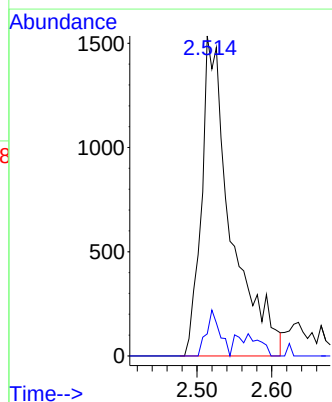
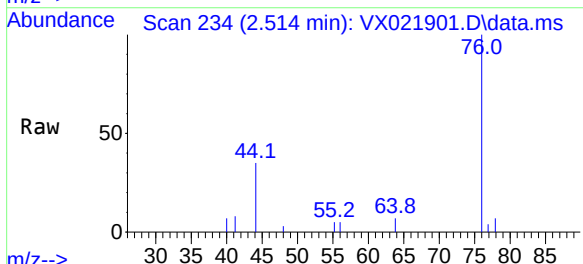
Ion	Ratio	Lower	Upper
62	100		
64	34.0	22.7	42.1

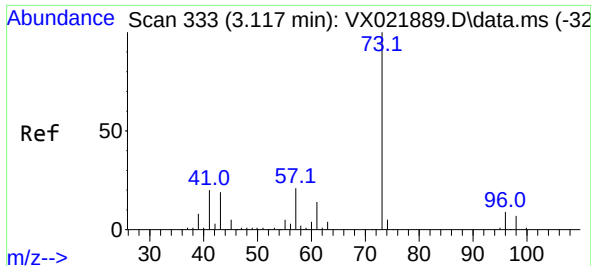


#14
 Carbon disulfide
 Concen: 0.23 ug/L
 RT: 2.514 min Scan# 234
 Delta R.T. -0.000 min
 Lab File: VX021901.D
 Acq: 11 May 2021 15:58

Tgt Ion: 76 Resp: 4196

Ion	Ratio	Lower	Upper
76	100		
78	6.9	7.1	10.7#





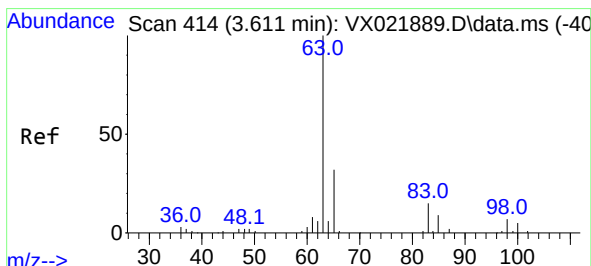
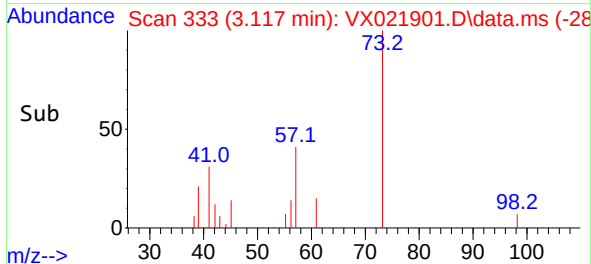
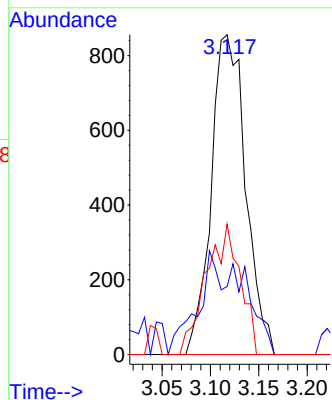
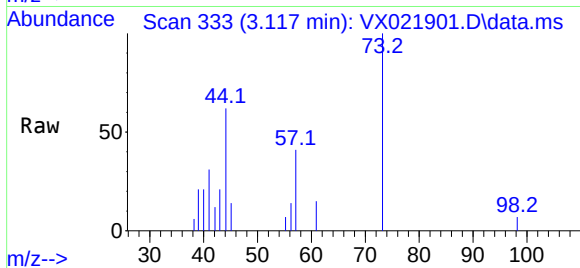
#17

Methyl tert-butyl Ether
 Concen: 0.15 ug/L
 RT: 3.117 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VX021901.D
 Acq: 11 May 2021 15:58

Instrument :
 MSVOA_X
 ClientSampleId :
 BG6K1

Tgt Ion: 73 Resp: 2119

Ion	Ratio	Lower	Upper
73	100		
43	17.8	16.5	24.7
57	40.3	17.1	25.7#

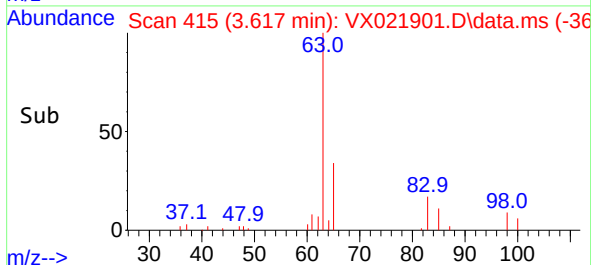
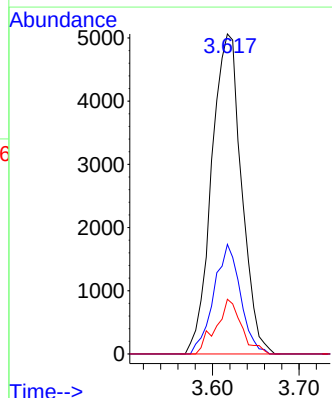
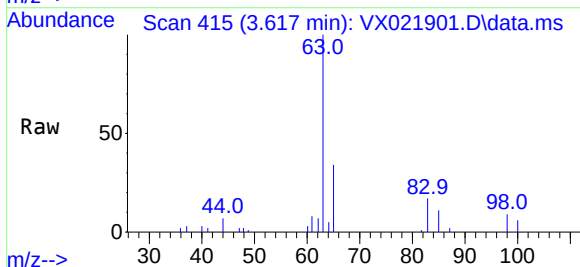


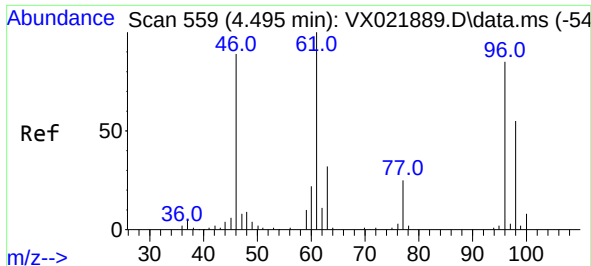
#19

1,1-Dichloroethane
 Concen: 1.14 ug/L
 RT: 3.617 min Scan# 415
 Delta R.T. 0.006 min
 Lab File: VX021901.D
 Acq: 11 May 2021 15:58

Tgt Ion: 63 Resp: 12135

Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.5	41.9
83	17.1	8.7	16.1#

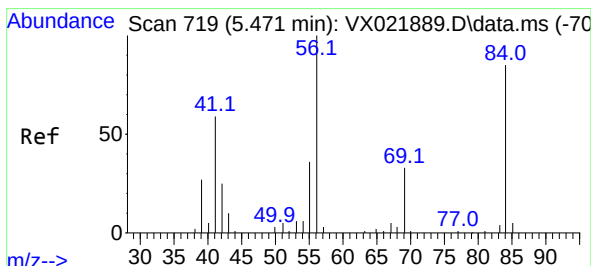
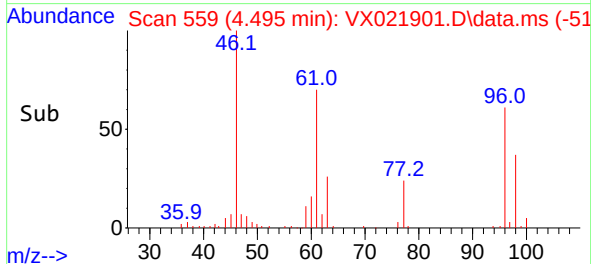
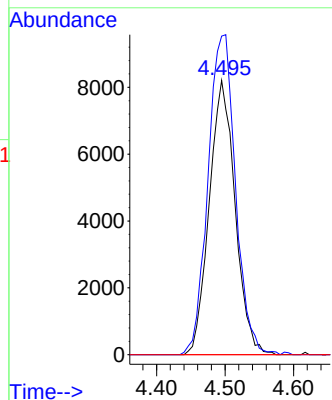
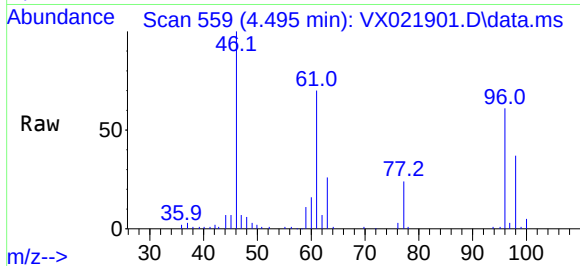




#22
cis-1,2-Dichloroethene
Concen: 3.22 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX021901.D
Acq: 11 May 2021 15:58

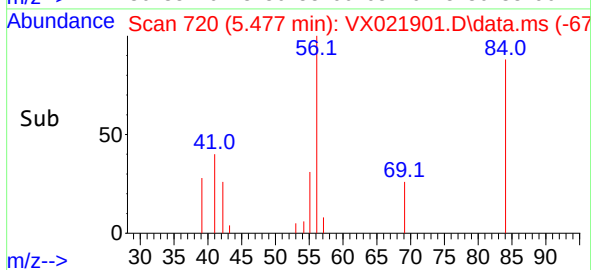
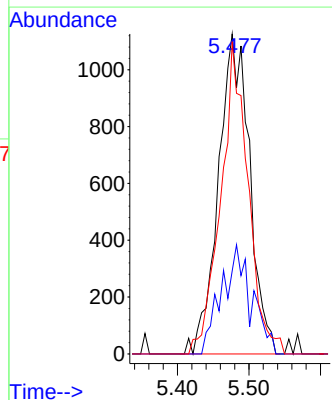
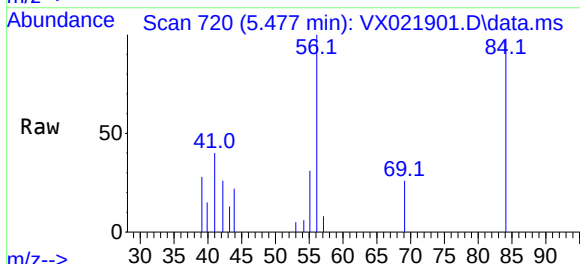
Instrument :
MSVOA_X
ClientSampleId :
BG6K1

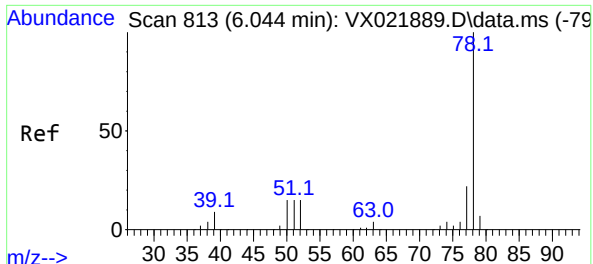
Tgt Ion:	96	Resp:	21539
Ion	Ratio	Lower	Upper
96	100		
61	116.1	80.9	150.3
68	0.0	0.0	0.0



#30
Cyclohexane
Concen: 0.33 ug/L
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX021901.D
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Tgt Ion:	56	Resp:	3408
Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.6	39.8
84	85.6	73.3	109.9

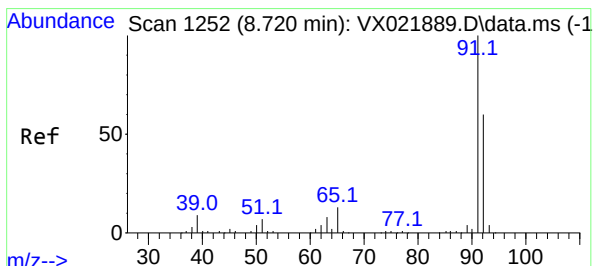
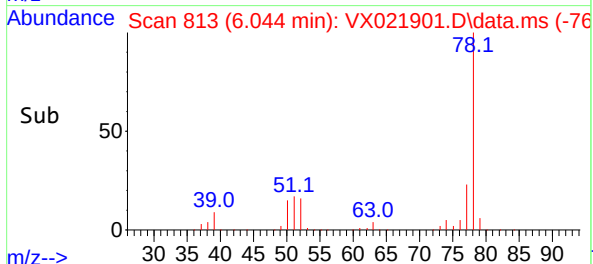
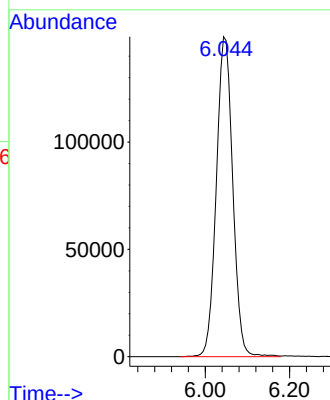
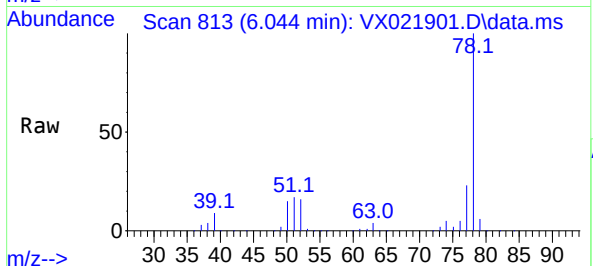




#33
Benzene
Concen: 16.58 ug/L
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX021901.D
Acq: 11 May 2021 15:58

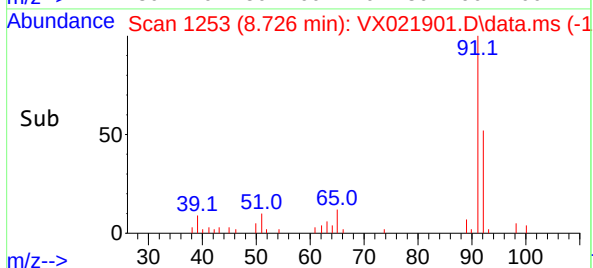
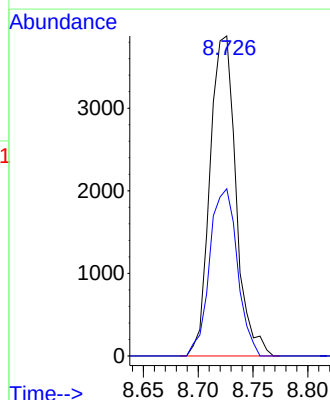
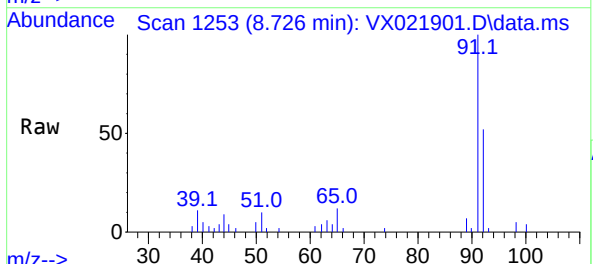
Instrument :
MSVOA_X
ClientSampleId :
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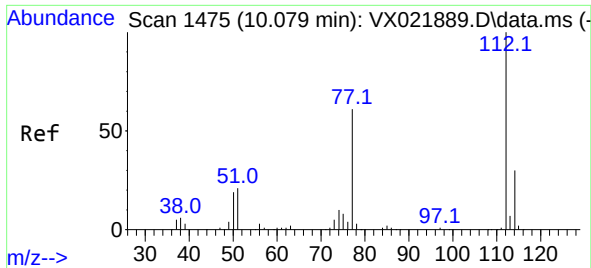
Tgt Ion: 78 Resp: 401824



#42
Toluene
Concen: 0.25 ug/L
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX021901.D
Acq: 11 May 2021 15:58

Tgt Ion: 91 Resp: 6381
Ion Ratio Lower Upper
91 100
92 52.2 42.1 78.3





#51
Chlorobenzene
Concen: 0.11 ug/L
RT: 10.085 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VX021901.D
Acq: 11 May 2021 15:58

Instrument :
MSVOA_X
ClientSampleId :
BG6K1

Tgt Ion:	112	Resp:	1715
Ion	Ratio	Lower	Upper
112	100		
114	33.0	22.4	41.6
77	49.5	46.4	69.6

