

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051121\
 Data File : VX021915.D
 Acq On : 11 May 2021 21:47
 Operator : JC/MD
 Sample : M2337-03DL 5X
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 12 06:27:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 12 06:12:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	76188	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	68505	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	32740	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	26066	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.672	69	23419	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.307	63	33020	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.465	46	78802	52.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.72%
24) Chloroform-d	5.068	84	50921	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.964	65	27590	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
32) Benzene-d6	5.983	84	101608	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	7.312	67	32302	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	8.653	98	88539	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloroprop...	8.952	79	13507	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	9.384	63	67287	50.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.70%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	25362	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
66) 1,2-Dichlorobenzene-d4	12.323	152	30649	4.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.20%

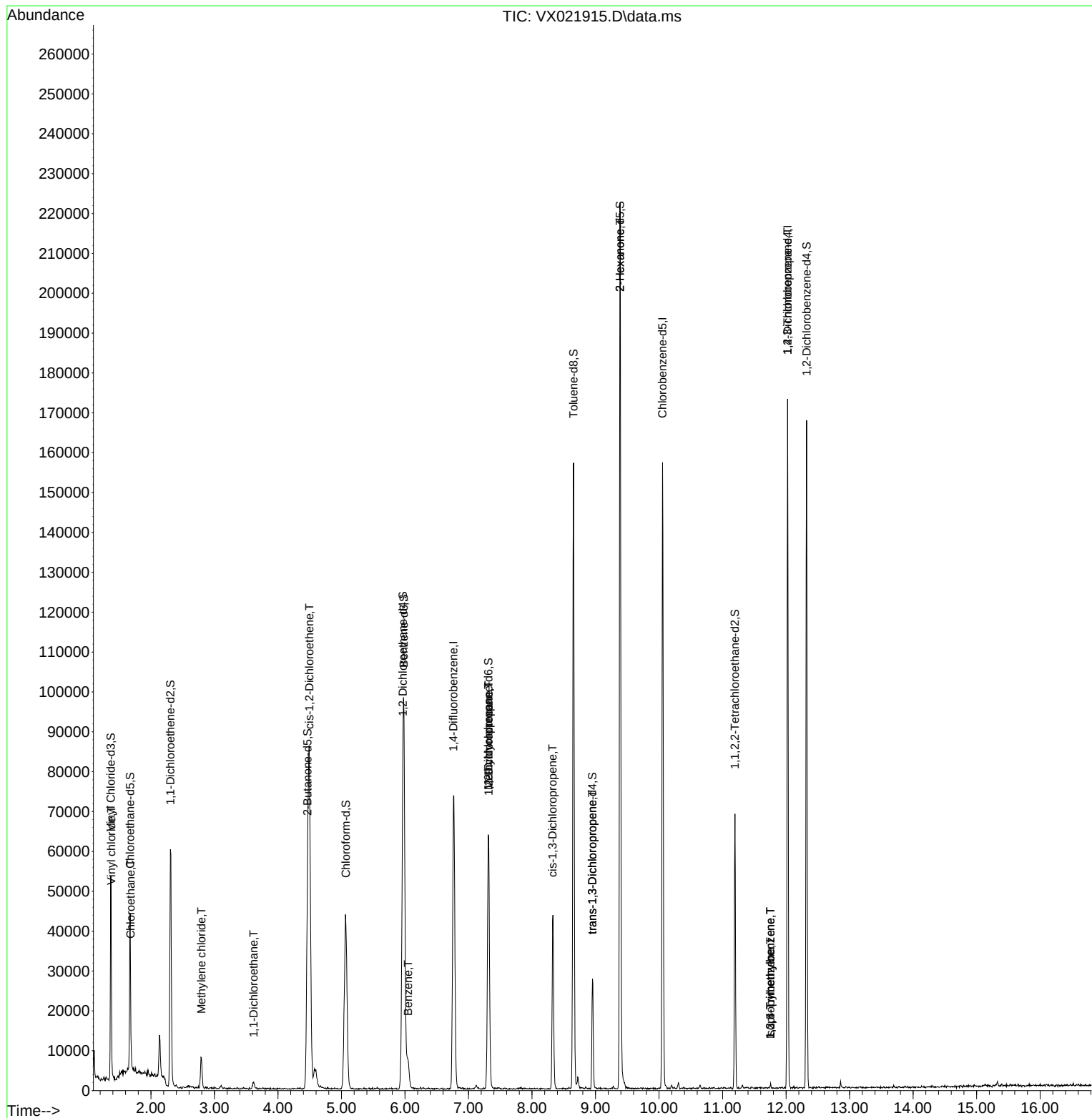
Target Compounds				Qvalue		
5) Vinyl chloride	1.374	62	6835	0.91	ug/L	88
8) Chloroethane	1.679	64	430	0.10	ug/L #	57
16) Methylene chloride	2.794	84	3665	0.49	ug/L	98
19) 1,1-Dichloroethane	3.617	63	1901	0.19	ug/L	93
22) cis-1,2-Dichloroethene	4.495	96	38538	6.02	ug/L	99
33) Benzene	6.050	78	9653	0.41	ug/L	100
35) Methylcyclohexane	7.312	83	8189	0.78	ug/L #	19
37) 1,2-Dichloropropane	7.318	63	3619	0.63	ug/L #	85
39) cis-1,3-Dichloropropene	8.324	75	1168	0.13	ug/L	89
44) trans-1,3-Dichloropropene	8.952	75	683	0.09	ug/L	92
48) 2-Hexanone	9.384	43	7727	3.09	ug/L #	68
60) Isopropylbenzene	11.756	105	493	0.02	ug/L #	57
61) 1,2,3-Trichloropropane	12.024	75	4337	1.28	ug/L #	63
62) 1,3,5-Trimethylbenzene	11.756	105	493	0.02	ug/L	87
63) 1,2,4-Trimethylbenzene	11.756	105	493	0.02	ug/L #	83

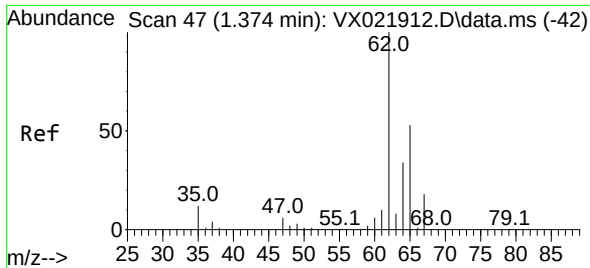
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 12 06:27:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR051021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed May 12 06:12:28 2021
Response via : Initial Calibration

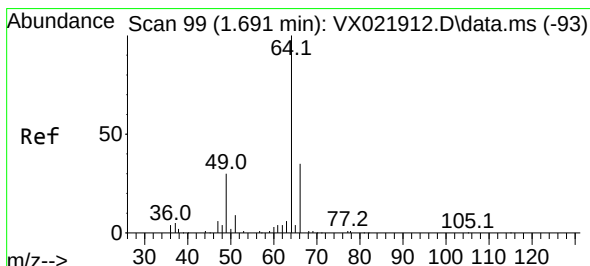
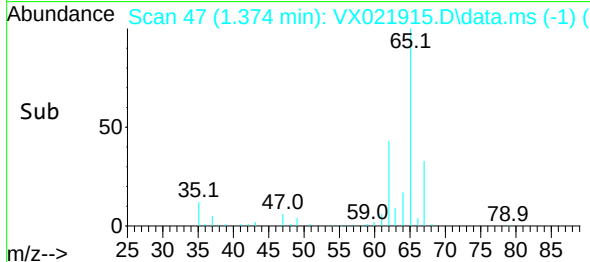
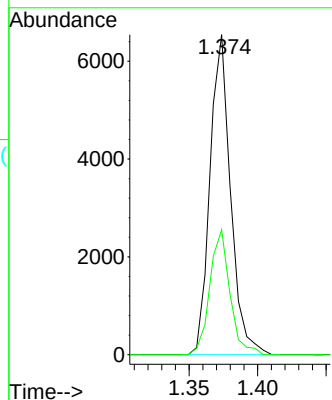
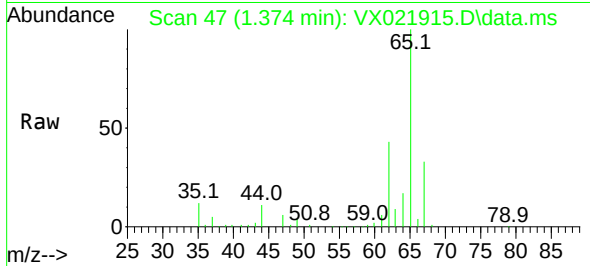




#5
 Vinyl chloride
 Concen: 0.91 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

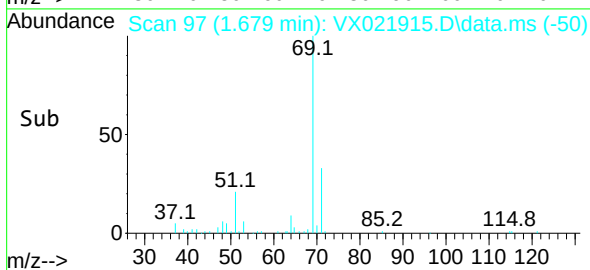
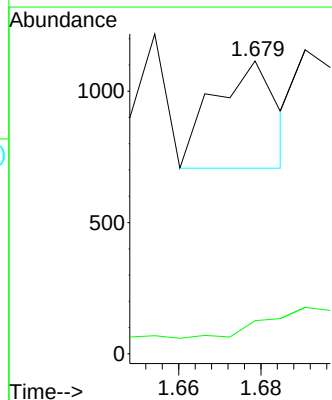
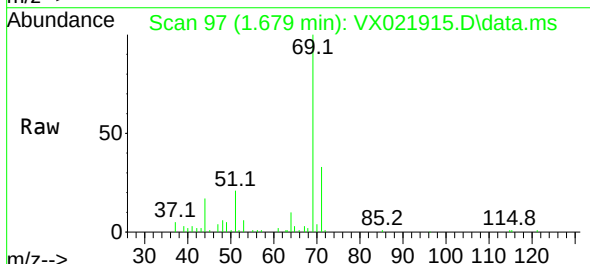
Instrument :
 MSVOA_X
 ClientSampled :

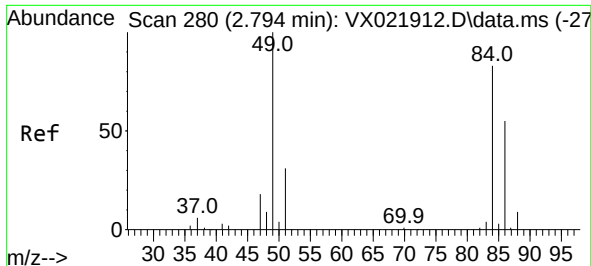
Tgt Ion: 62 Resp: 6835
 Ion Ratio Lower Upper
 62 100
 64 39.0 22.7 42.1



#8
 Chloroethane
 Concen: 0.10 ug/L
 RT: 1.679 min Scan# 97
 Delta R.T. -0.012 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

Tgt Ion: 64 Resp: 430
 Ion Ratio Lower Upper
 64 100
 66 9.0 23.6 43.8#

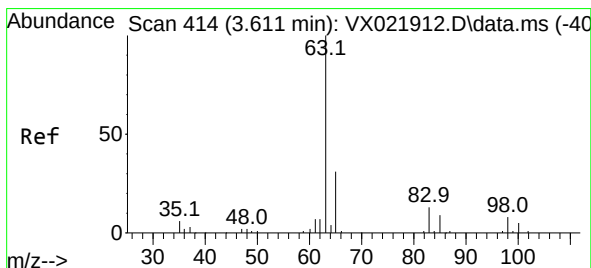
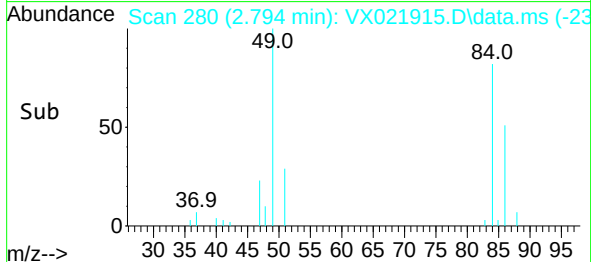
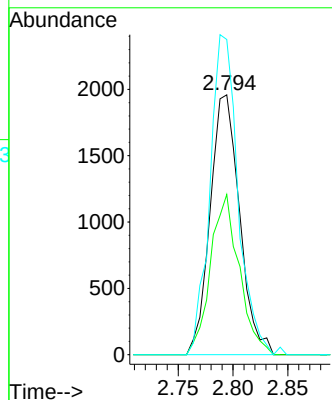
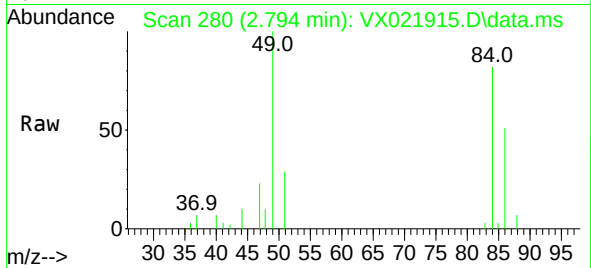




#16
Methylene chloride
Concen: 0.49 ug/L
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47

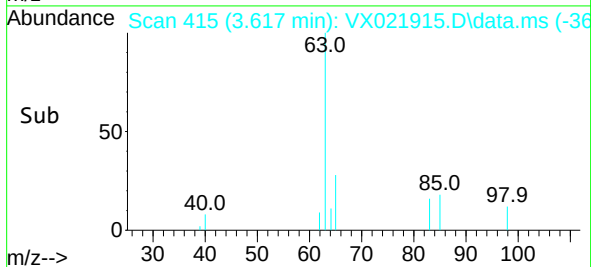
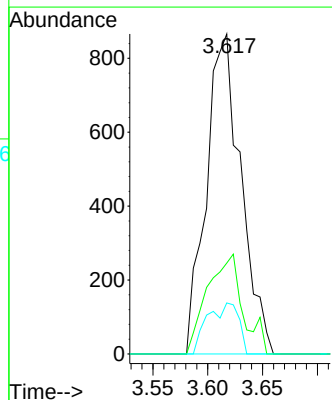
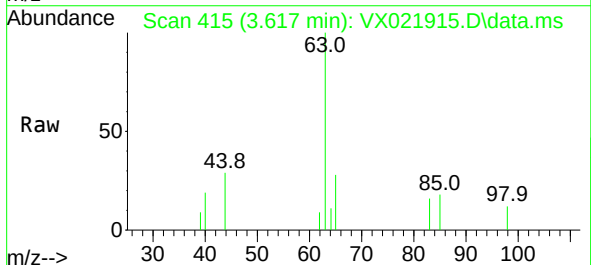
Instrument :
MSVOA_X
ClientSampled :

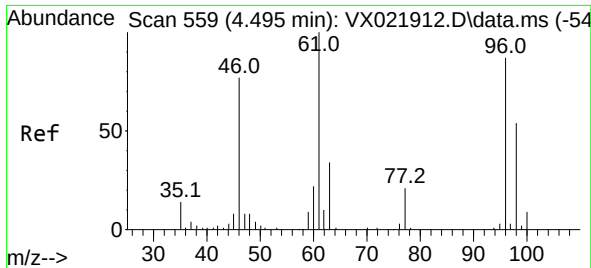
Tgt Ion:	84	Resp:	3665
Ion	Ratio	Lower	Upper
84	100		
86	61.6	46.3	86.1
49	121.3	84.4	156.7



#19
1,1-Dichloroethane
Concen: 0.19 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47

Tgt Ion:	63	Resp:	1901
Ion	Ratio	Lower	Upper
63	100		
65	28.4	22.5	41.9
83	15.9	8.7	16.1

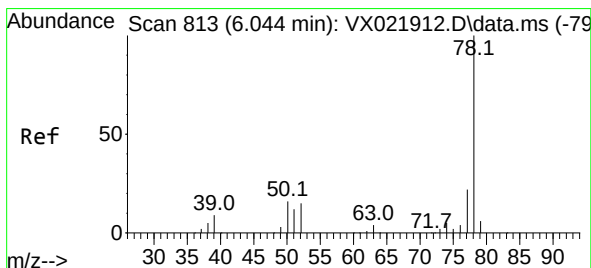
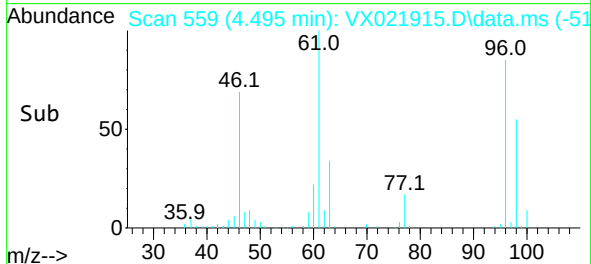
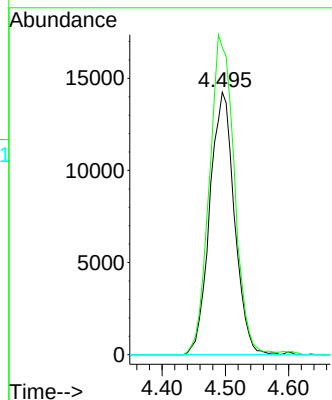
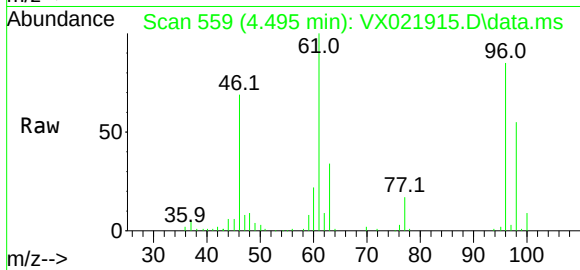




#22
 cis-1,2-Dichloroethene
 Concen: 6.02 ug/L
 RT: 4.495 min Scan# 559
 Delta R.T. 0.000 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

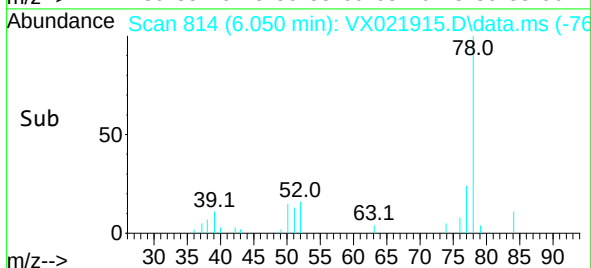
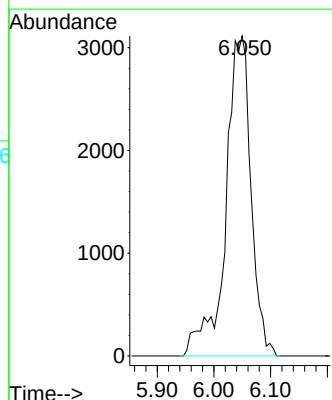
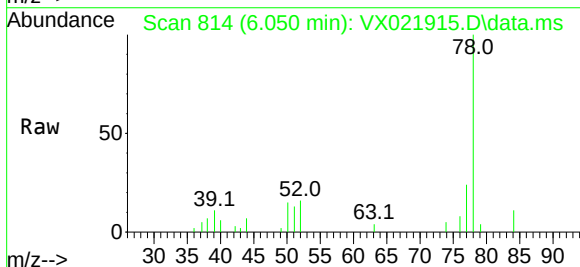
Instrument :
 MSVOA_X
 ClientSampleId :

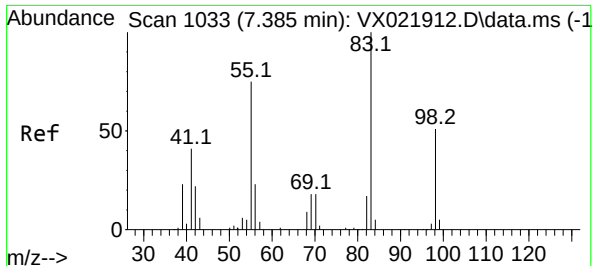
Tgt Ion: 96 Resp: 38538
 Ion Ratio Lower Upper
 96 100
 61 117.0 80.9 150.3
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.41 ug/L
 RT: 6.050 min Scan# 814
 Delta R.T. 0.006 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

Tgt Ion: 78 Resp: 9653





#35

Methylcyclohexane

Concen: 0.78 ug/L

RT: 7.312 min Scan# 1021

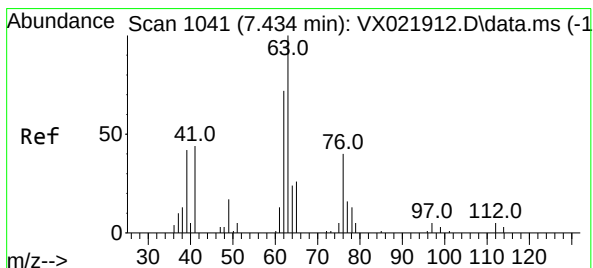
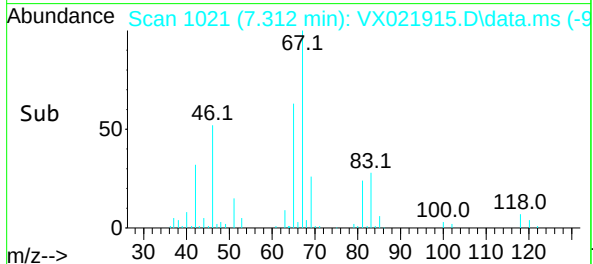
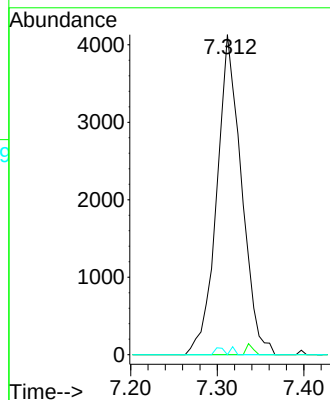
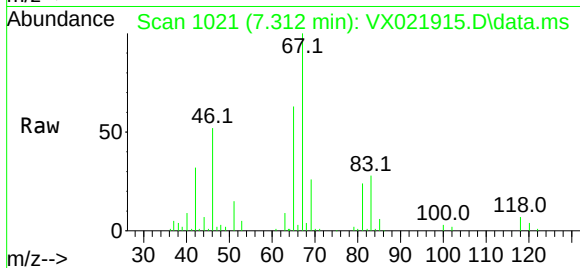
Delta R.T. -0.073 min

Lab File: VX021915.D

Acq: 11 May 2021 21:47

Tgt Ion:	83	Resp:	8189
Ion	Ratio	Lower	Upper
83	100		
55	0.9	60.3	90.5#
98	0.8	39.4	59.2#

Instrument :
MSVOA_X
ClientSampleId :



#37

1,2-Dichloropropane

Concen: 0.63 ug/L

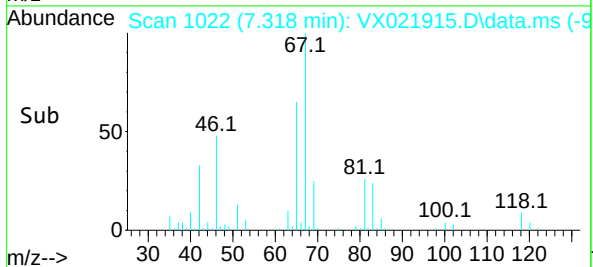
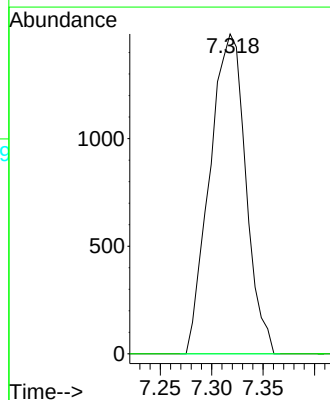
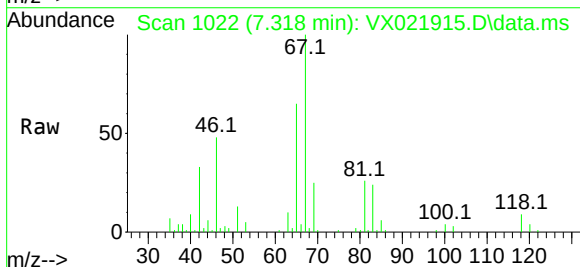
RT: 7.318 min Scan# 1022

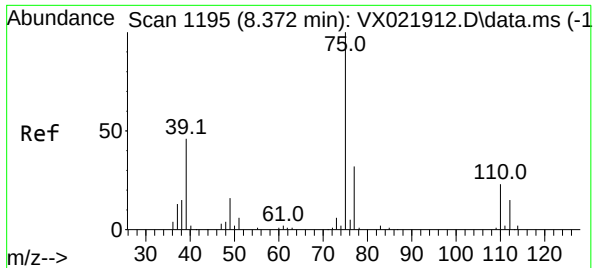
Delta R.T. -0.116 min

Lab File: VX021915.D

Acq: 11 May 2021 21:47

Tgt Ion:	63	Resp:	3619
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.1	6.1#

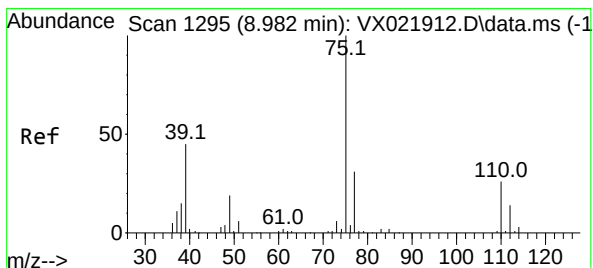
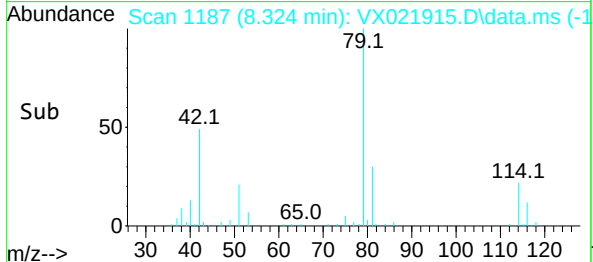
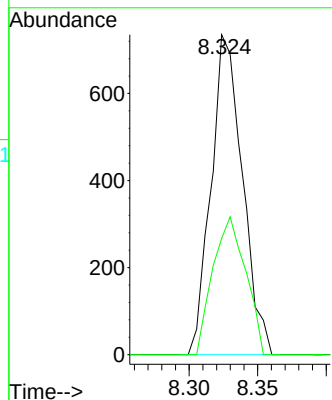
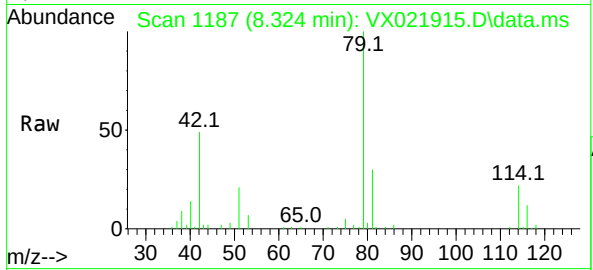




#39
 cis-1,3-Dichloropropene
 Concen: 0.13 ug/L
 RT: 8.324 min Scan# 1187
 Delta R.T. -0.049 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

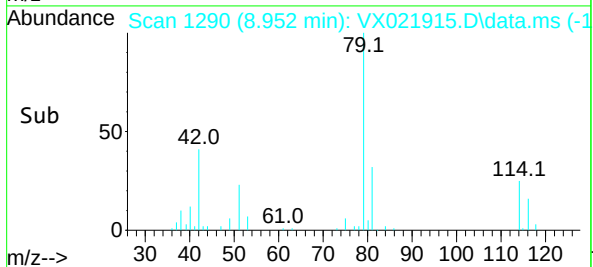
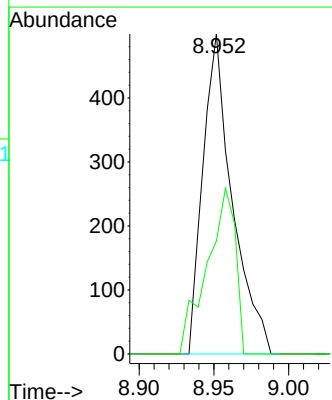
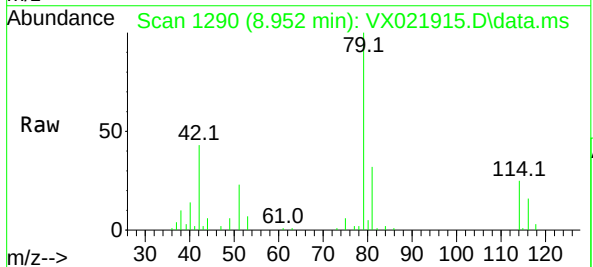
Instrument :
 MSVOA_X
 ClientSampled :

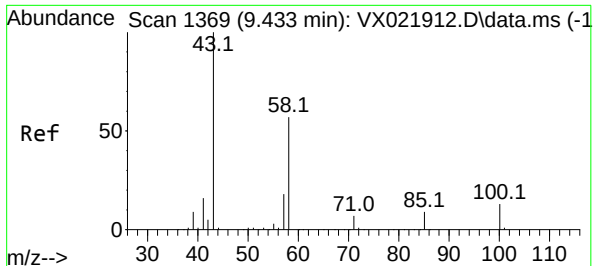
Tgt Ion: 75 Resp: 1168
 Ion Ratio Lower Upper
 75 100
 77 36.3 21.3 39.5



#44
 trans-1,3-Dichloropropene
 Concen: 0.09 ug/L
 RT: 8.952 min Scan# 1290
 Delta R.T. -0.030 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

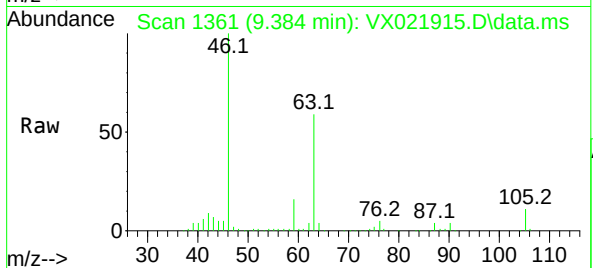
Tgt Ion: 75 Resp: 683
 Ion Ratio Lower Upper
 75 100
 77 35.2 21.6 40.0



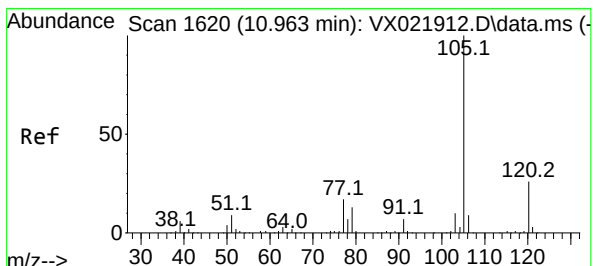
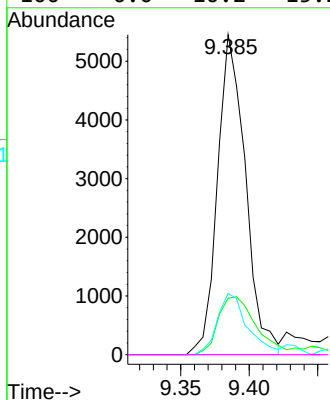
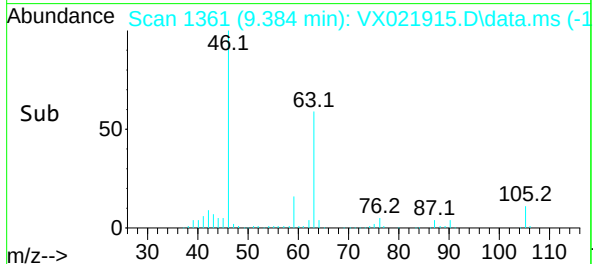


#48
2-Hexanone
Concen: 3.09 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47

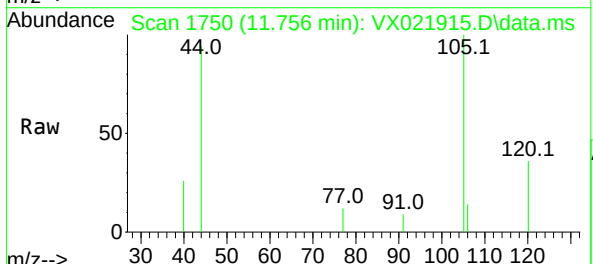
Instrument :
MSVOA_X
ClientSampled :



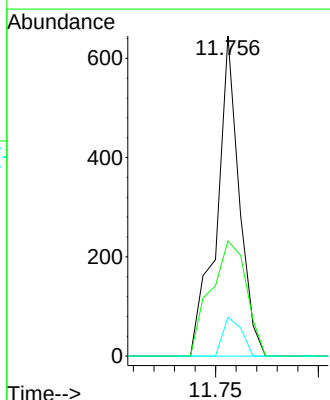
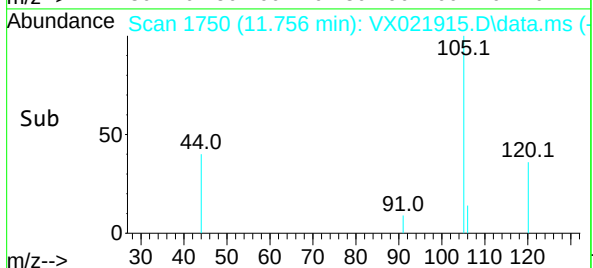
Tgt Ion: 43	Resp: 7727
Ion Ratio	Lower Upper
43 100	
58 25.5	44.6 67.0#
57 20.8	14.8 22.2
100 0.0	10.2 15.2#

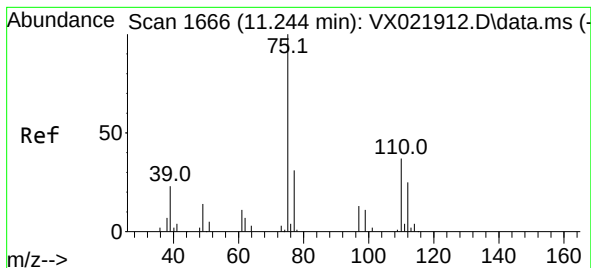


#60
Isopropylbenzene
Concen: 0.02 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.793 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47



Tgt Ion:105	Resp:	493	
Ion	Ratio	Lower	Upper
105	100		
120	57.0	21.0	31.6#
77	9.9	12.4	18.6#

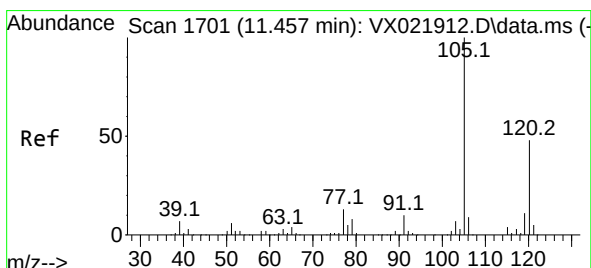
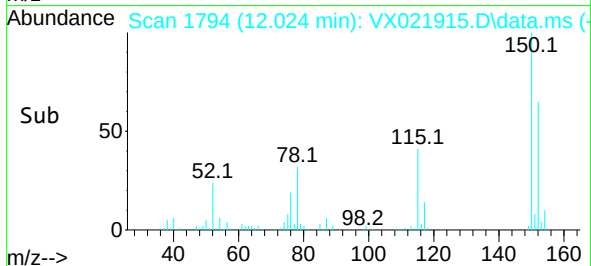
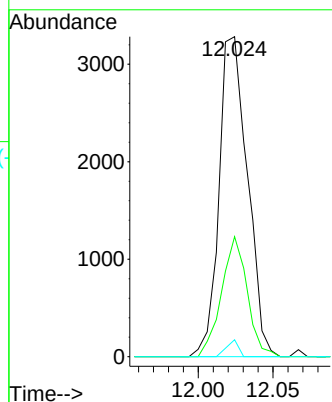
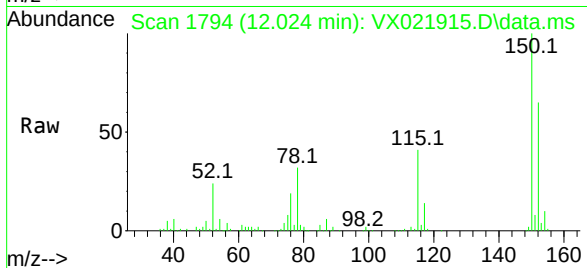




#61
1,2,3-Trichloropropane
Concen: 1.28 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47

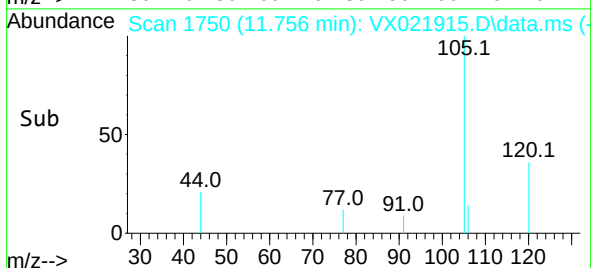
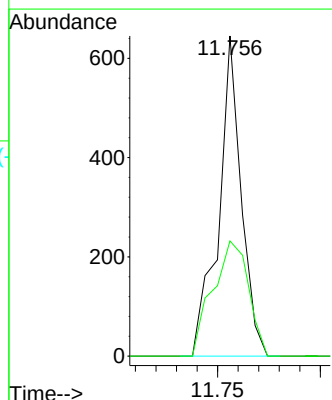
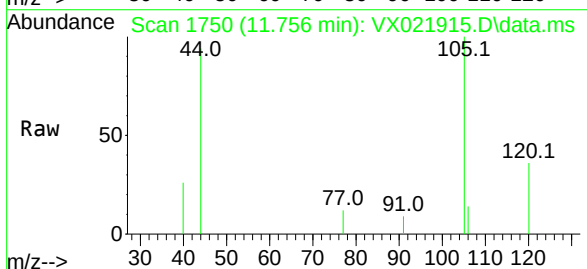
Instrument :
MSVOA_X
ClientSampleId :

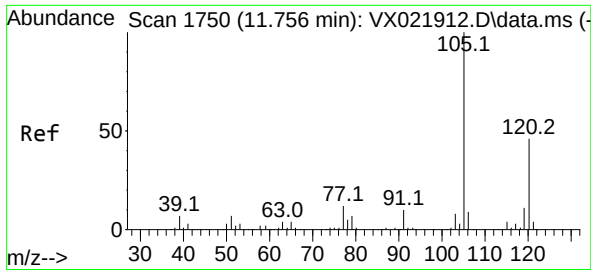
Tgt Ion: 75 Resp: 4337
Ion Ratio Lower Upper
75 100
77 34.0 24.6 37.0
110 2.2 32.3 48.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.02 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.299 min
Lab File: VX021915.D
Acq: 11 May 2021 21:47

Tgt Ion: 105 Resp: 493
Ion Ratio Lower Upper
105 100
120 57.0 38.4 57.6





#63
 1,2,4-Trimethylbenzene
 Concen: 0.02 ug/L
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.000 min
 Lab File: VX021915.D
 Acq: 11 May 2021 21:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion:105 Resp: 493
 Ion Ratio Lower Upper
 105 100
 120 57.0 36.4 54.6#

