

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030553.D
 Acq On : 10 Aug 2022 15:34
 Operator : JC/MD
 Sample : N4076-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DBUT8

Quant Time: Aug 10 18:30:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 10 01:21:25 2022
 Response via : Initial Calibration

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

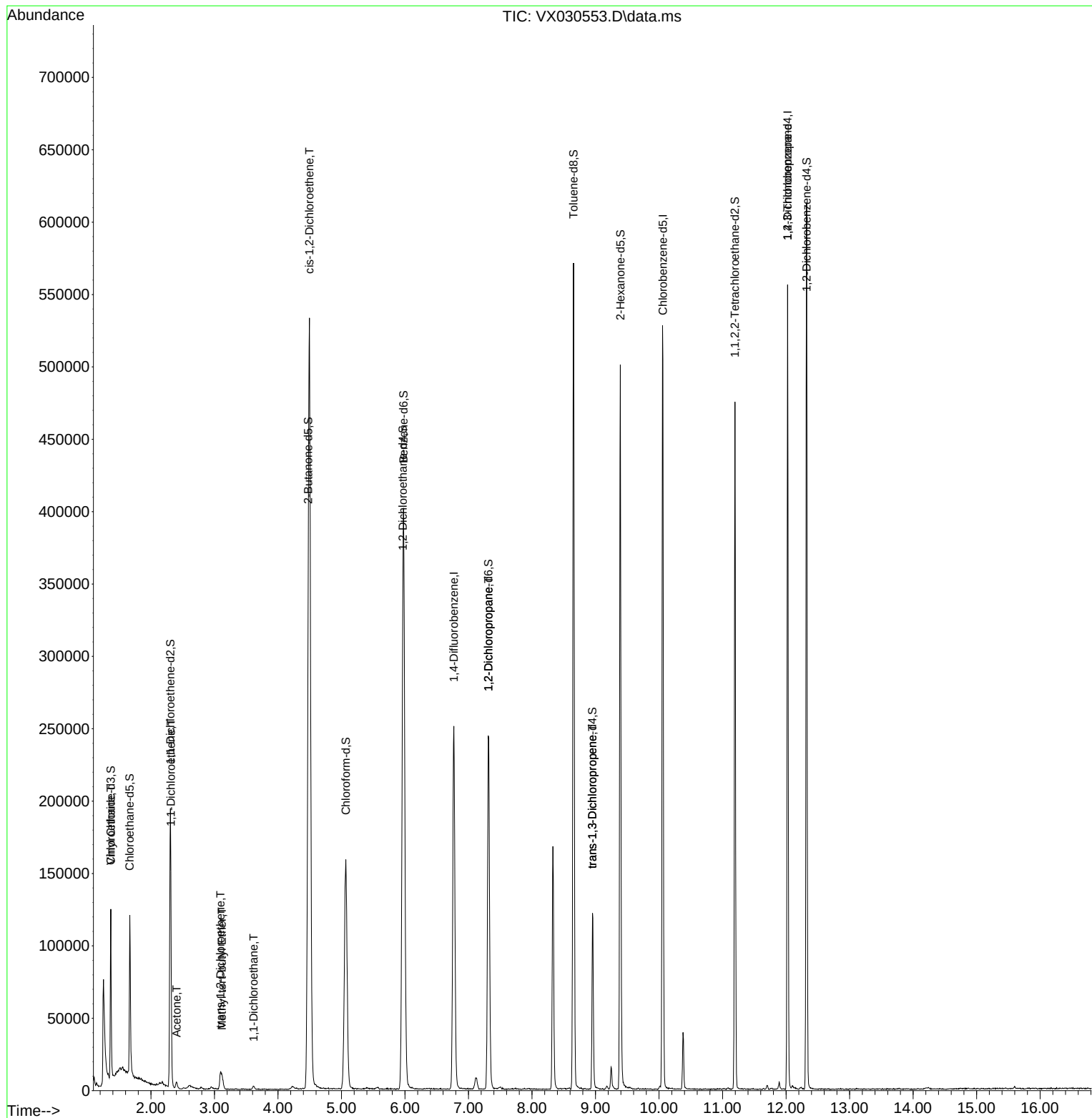
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	238487	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	221324	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	98562	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	72929	47.619	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.240%
7) Chloroethane-d5	1.666	69	64742	59.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	119.940%
11) 1,1-Dichloroethene-d2	2.306	63	110997	38.314	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.620%
21) 2-Butanone-d5	4.477	46	200712	141.443	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	141.440%#
24) Chloroform-d	5.068	84	188242	59.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.420%
26) 1,2-Dichloroethane-d4	5.964	65	142658	66.641	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.280%#
32) Benzene-d6	5.976	84	358591	56.562	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.120%
36) 1,2-Dichloropropane-d6	7.312	67	124662	60.607	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.220%#
41) Toluene-d8	8.653	98	315733	52.834	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.660%
43) trans-1,3-Dichloroprop...	8.951	79	56882	55.589	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.180%
47) 2-Hexanone-d5	9.390	63	130592	124.559	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.560%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	173169	64.087	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	128.180%#
66) 1,2-Dichlorobenzene-d4	12.323	152	111836	58.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.000%
Target Compounds						Qvalue
8) Chloroethane	1.367	64	1743	1.857	ug/L	89
12) 1,1-Dichloroethene	2.312	96	1704	1.277	ug/L #	1
13) Acetone	2.404	43	4382	4.213	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	3999	2.586	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	7835	1.490	ug/L	97
19) 1,1-Dichloroethane	3.617	63	2556	0.855	ug/L #	88
20) cis-1,2-Dichloroethene	4.495	96	269832	155.111	ug/L	97
37) 1,2-Dichloropropane	7.312	63	14395	7.630	ug/L #	89
44) trans-1,3-Dichloropropene	8.951	75	2924	1.061	ug/L	96
61) 1,2,3-Trichloropropane	12.024	75	12935	6.111	ug/L #	64

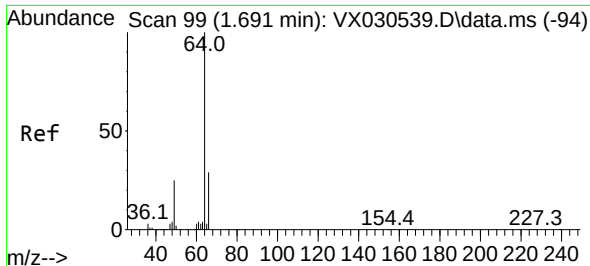
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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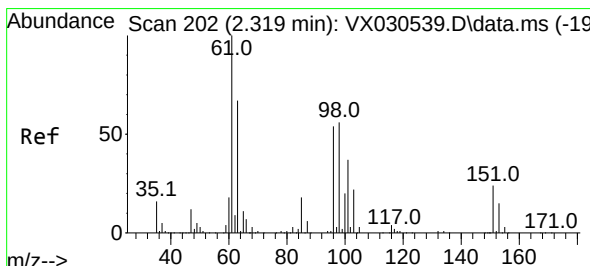
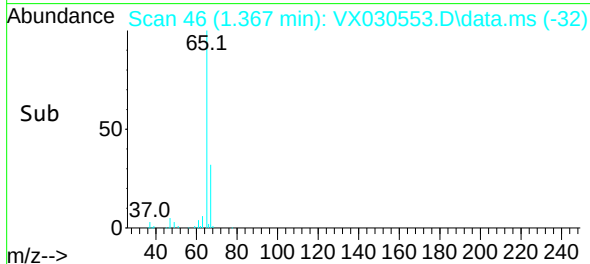
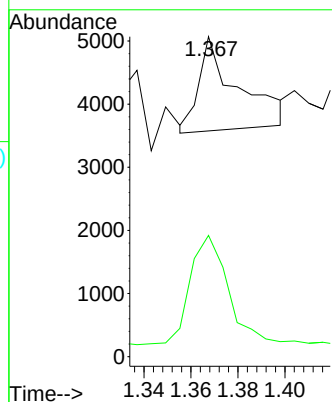
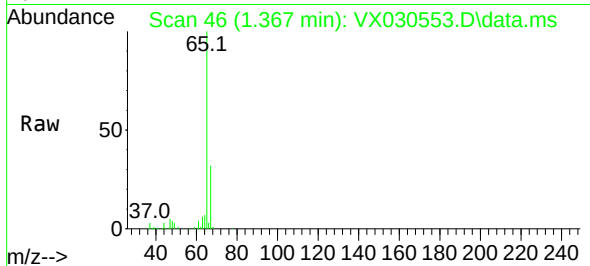




#8
Chloroethane
Concen: 1.857 ug/L
RT: 1.367 min Scan# 41
Delta R.T. -0.317 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

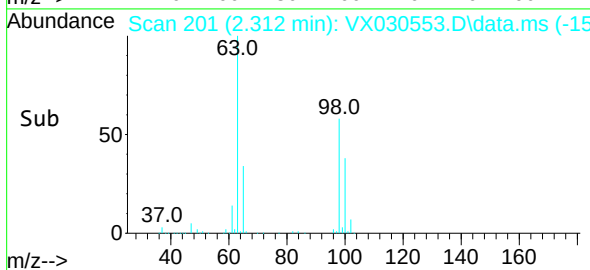
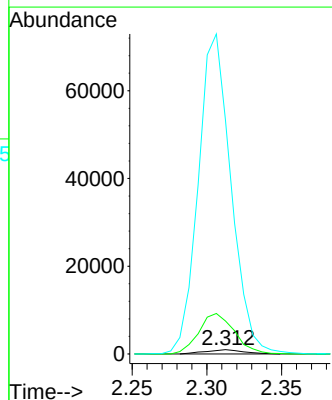
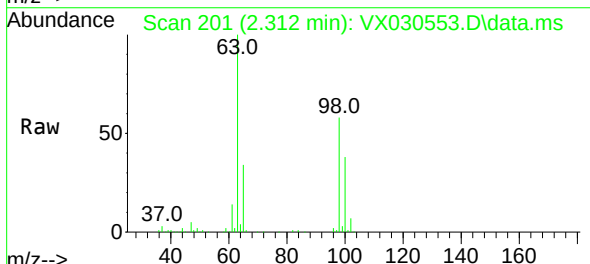
Instrument :
MSVOA_X
ClientSampleId :
DBUT8

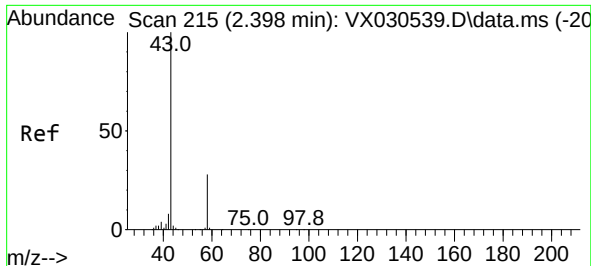
Tgt Ion: 64 Resp: 1743
Ion Ratio Lower Upper
64 100
66 37.9 22.1 41.1



#12
1,1-Dichloroethene
Concen: 1.277 ug/L
RT: 2.312 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

Tgt Ion: 96 Resp: 1704
Ion Ratio Lower Upper
96 100
61 767.2 130.2 241.8#
63 5425.7 113.5 210.9#

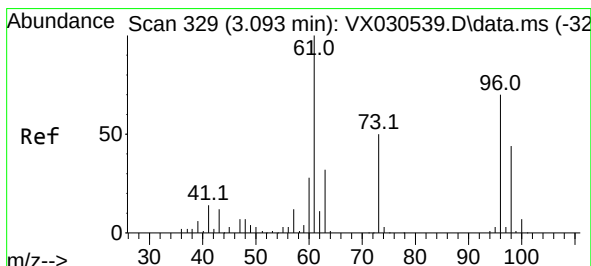
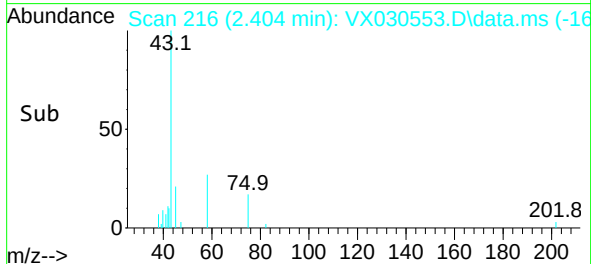
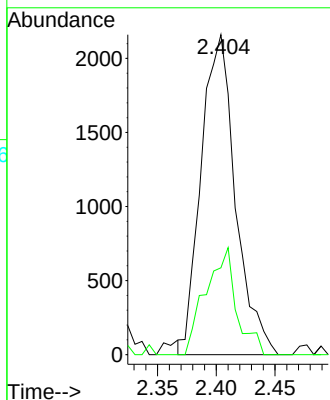
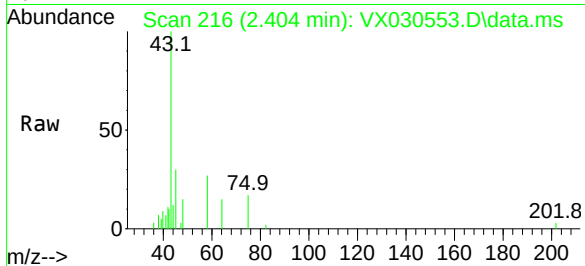




#13
Acetone
Concen: 4.213 ug/L
RT: 2.404 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

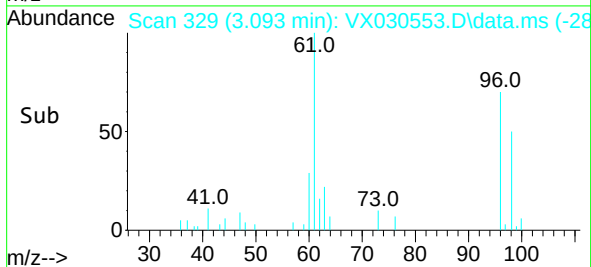
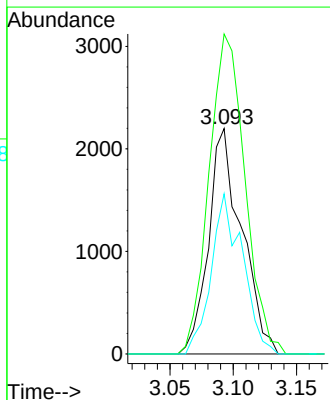
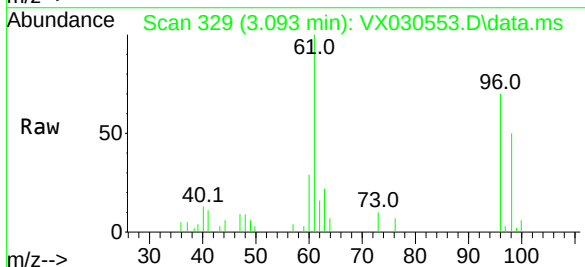
Instrument :
MSVOA_X
ClientSampleId :
DBUT8

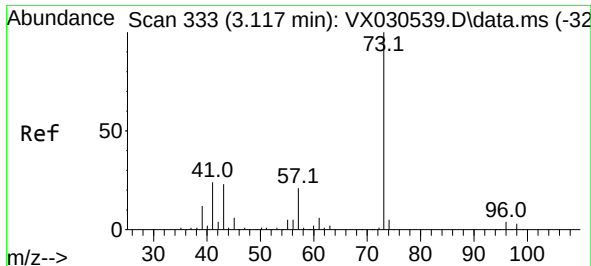
Tgt Ion: 43 Resp: 4382
Ion Ratio Lower Upper
43 100
58 27.5 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 2.586 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

Tgt Ion: 96 Resp: 3999
Ion Ratio Lower Upper
96 100
61 141.9 103.7 192.5
98 71.0 41.5 77.1

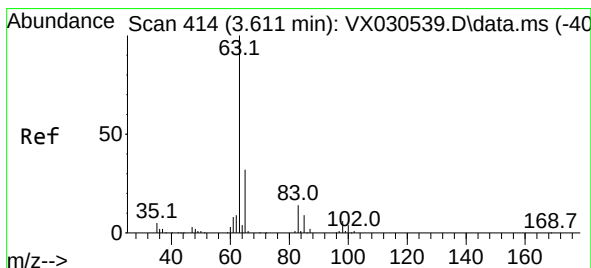
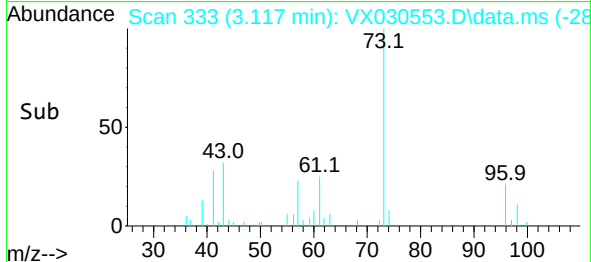
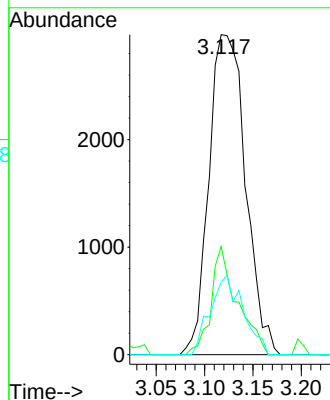
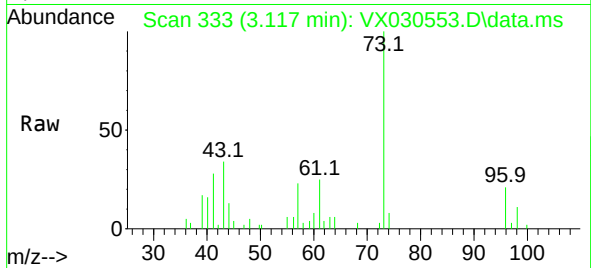




#18
Methyl tert-butyl Ether
Concen: 1.490 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

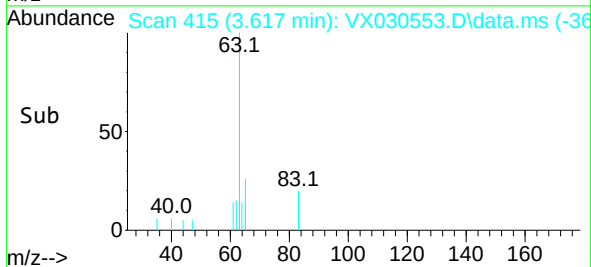
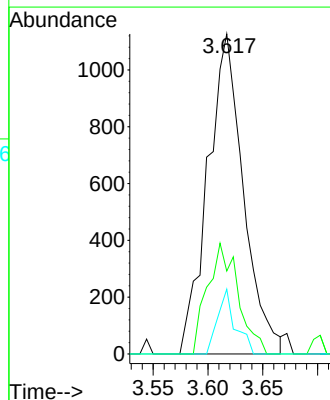
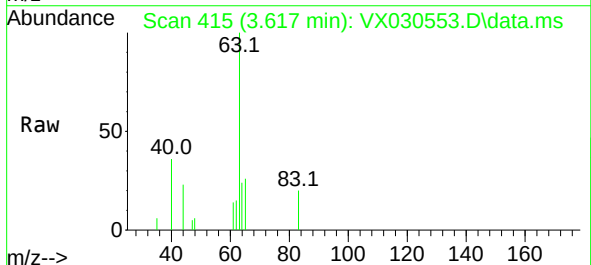
Instrument :
MSVOA_X
ClientSampleId :
DBUT8

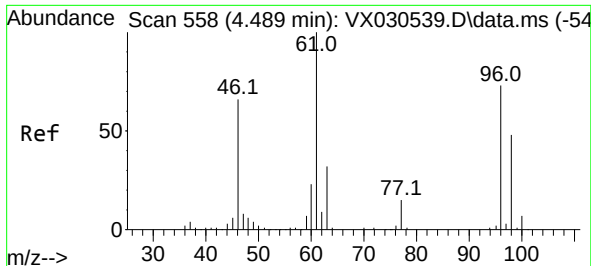
Tgt Ion: 73	Resp:	7835
Ion	Ratio	Lower Upper
73	100	
43	24.2	17.6 26.4
57	22.3	17.5 26.3



#19
1,1-Dichloroethane
Concen: 0.855 ug/L
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX030553.D
Acq: 10 Aug 2022 15:34

Tgt Ion: 63	Resp:	2556
Ion	Ratio	Lower Upper
63	100	
65	25.9	22.0 40.8
83	20.2	9.9 18.3

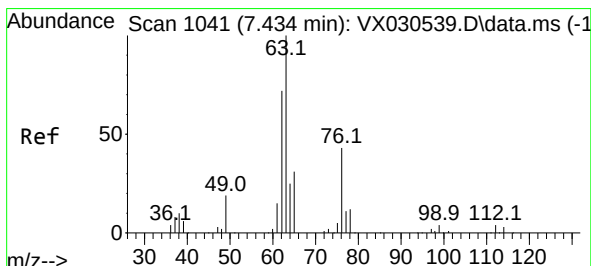
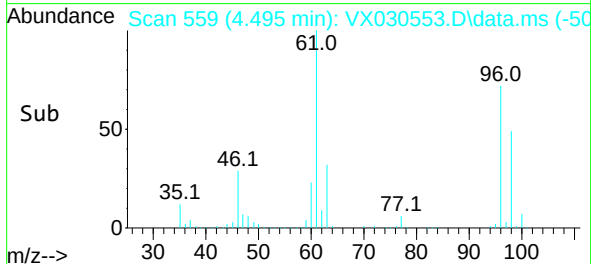
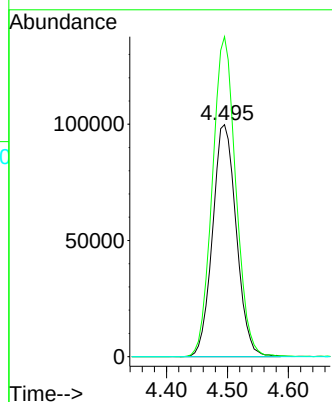
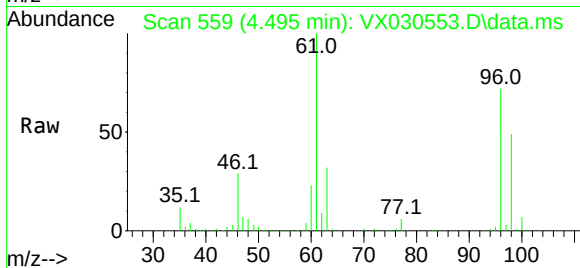




#20
 cis-1,2-Dichloroethene
 Concen: 155.111 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030553.D
 Acq: 10 Aug 2022 15:34

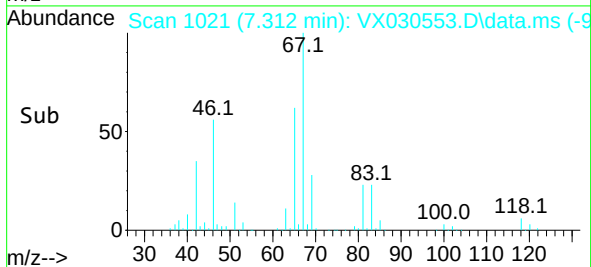
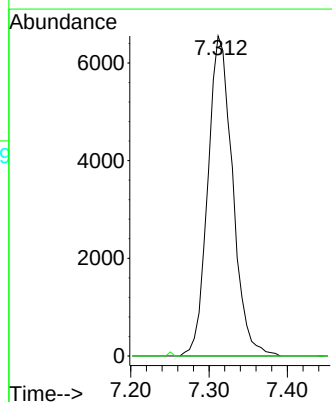
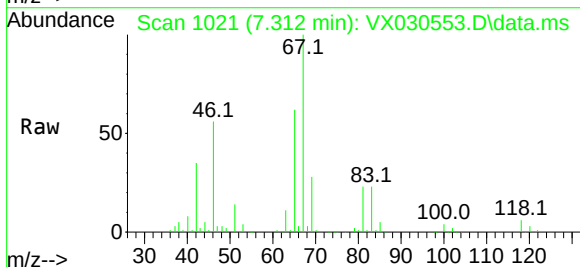
Instrument :
 MSVOA_X
 ClientSampleId :
 DBUT8

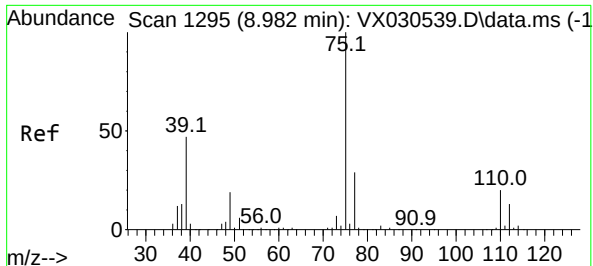
Tgt Ion: 96 Resp: 269832
 Ion Ratio Lower Upper
 96 100
 61 138.0 94.0 174.6
 68 0.0 0.0 0.0



#37
 1,2-Dichloropropane
 Concen: 7.630 ug/L
 RT: 7.312 min Scan# 1021
 Delta R.T. -0.122 min
 Lab File: VX030553.D
 Acq: 10 Aug 2022 15:34

Tgt Ion: 63 Resp: 14395
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.4#





#44

trans-1,3-Dichloropropene

Concen: 1.061 ug/L

RT: 8.951 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX030553.D

Acq: 10 Aug 2022 15:34

Instrument :

MSVOA_X

ClientSampleId :

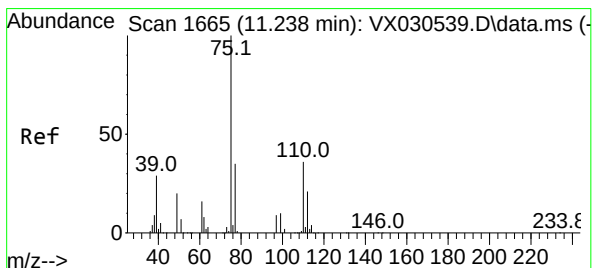
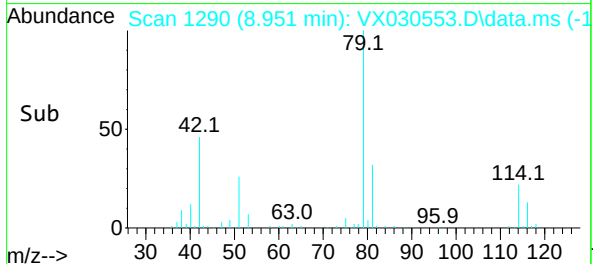
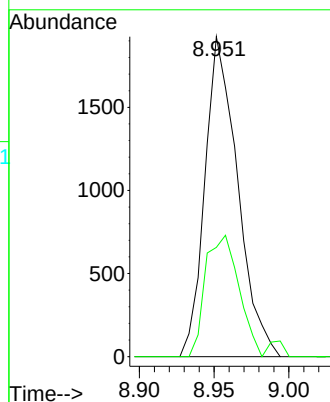
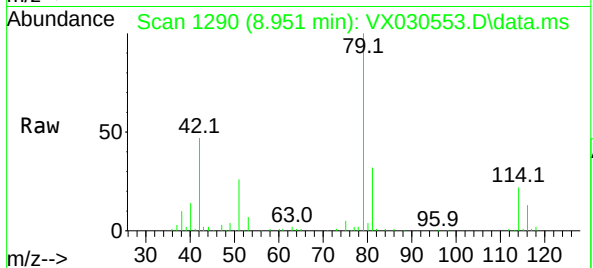
DBUT8

Tgt Ion: 75 Resp: 2924

Ion Ratio Lower Upper

75 100

77 34.1 22.5 41.7



#61

1,2,3-Trichloropropane

Concen: 6.111 ug/L

RT: 12.024 min Scan# 1794

Delta R.T. 0.780 min

Lab File: VX030553.D

Acq: 10 Aug 2022 15:34

Tgt Ion: 75 Resp: 12935

Ion Ratio Lower Upper

75 100

77 37.5 26.1 39.1

110 2.6 30.5 45.7#

