

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030555.D
 Acq On : 10 Aug 2022 16:21
 Operator : JC/MD
 Sample : N4076-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DBUU8

Quant Time: Aug 10 18:30:45 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)

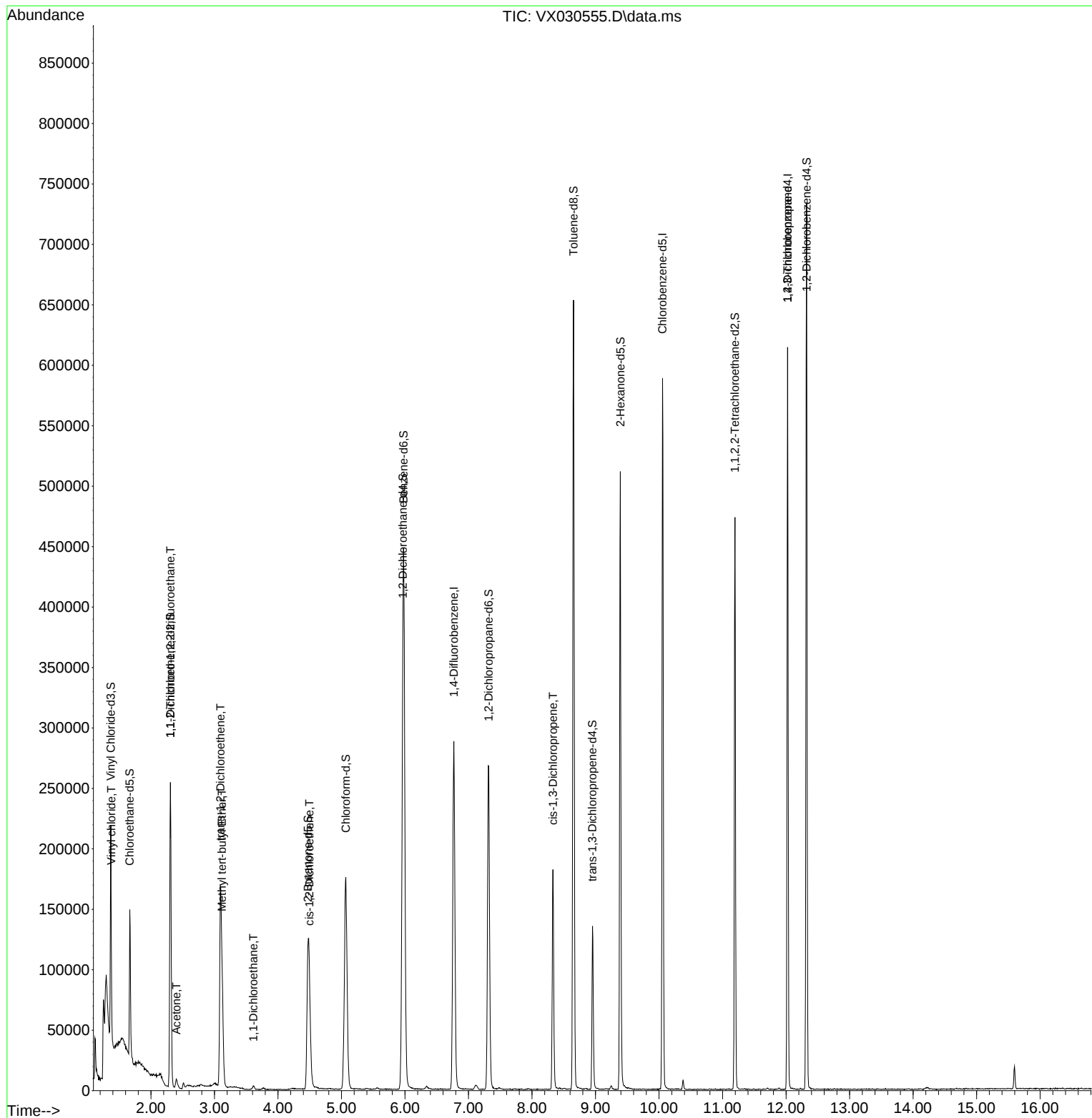
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	270528	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	246147	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	111532	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99363	57.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	114.380%
7) Chloroethane-d5	1.666	69	75003	61.242	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	122.480%
11) 1,1-Dichloroethene-d2	2.306	63	144991	44.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
21) 2-Butanone-d5	4.471	46	198696	123.438	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.440%
24) Chloroform-d	5.068	84	211008	59.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.000%
26) 1,2-Dichloroethane-d4	5.964	65	149041	61.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.760%
32) Benzene-d6	5.976	84	410544	58.227	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.460%
36) 1,2-Dichloropropane-d6	7.318	67	137665	60.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.360%#
41) Toluene-d8	8.653	98	371371	55.878	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.760%
43) trans-1,3-Dichloroprop...	8.952	79	61112	53.700	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.400%
47) 2-Hexanone-d5	9.390	63	135178	115.930	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.930%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	180007	59.900	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.800%
66) 1,2-Dichlorobenzene-d4	12.323	152	131820	60.935	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	121.880%#
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	17218	9.209	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.306	101	1476	0.898	ug/L #	20
13) Acetone	2.398	43	8835	7.489	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	57765	32.930	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	77394	12.974	ug/L	98
19) 1,1-Dichloroethane	3.611	63	3100	0.914	ug/L #	84
20) cis-1,2-Dichloroethene	4.495	96	19948	10.109	ug/L	81
39) cis-1,3-Dichloropropene	8.330	75	4404	1.407	ug/L #	75
61) 1,2,3-Trichloropropane	12.024	75	16043	6.698	ug/L #	68

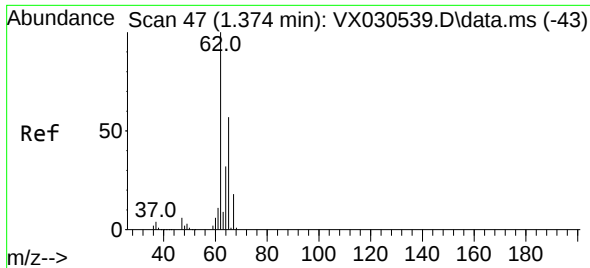
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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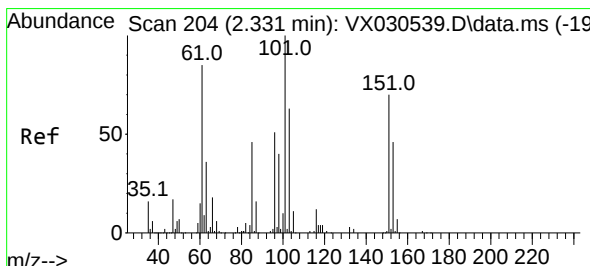
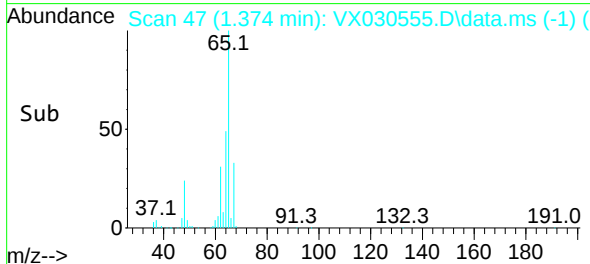
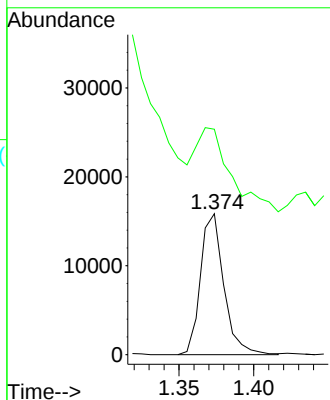
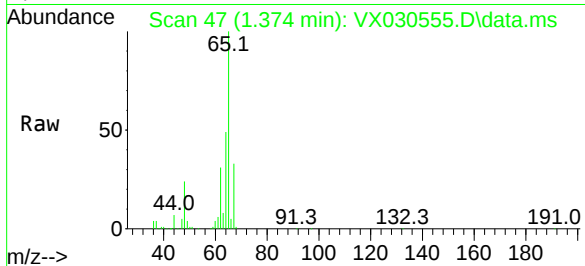




#5
 Vinyl chloride
 Concen: 9.209 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030555.D
 Acq: 10 Aug 2022 16:21

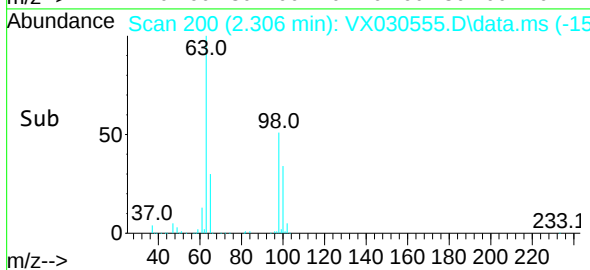
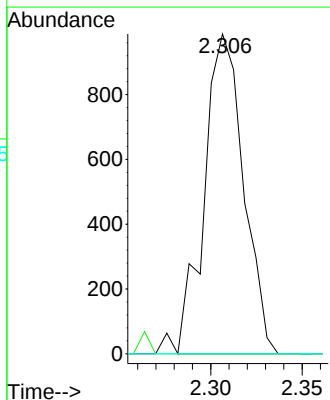
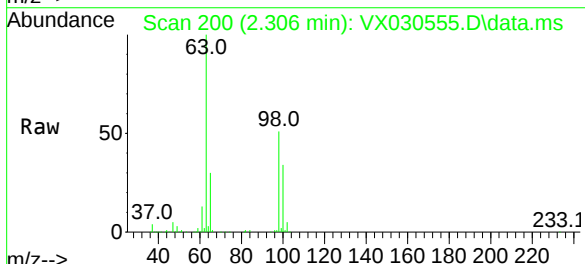
Instrument :
 MSVOA_X
 ClientSampleId :
 DBUU8

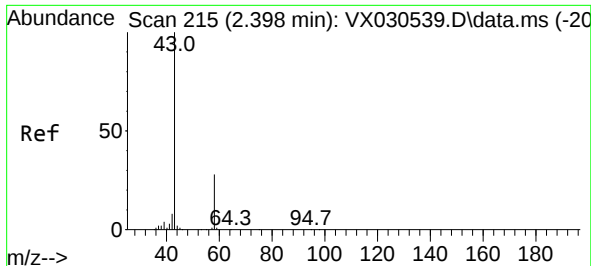
Tgt Ion: 62 Resp: 17218
 Ion Ratio Lower Upper
 62 100
 64 159.9 23.8 44.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.898 ug/L
 RT: 2.306 min Scan# 200
 Delta R.T. -0.018 min
 Lab File: VX030555.D
 Acq: 10 Aug 2022 16:21

Tgt Ion: 101 Resp: 1476
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 58.3 87.5#

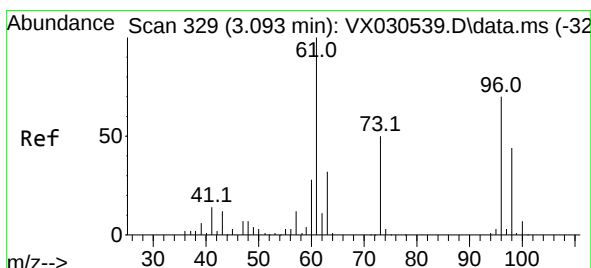
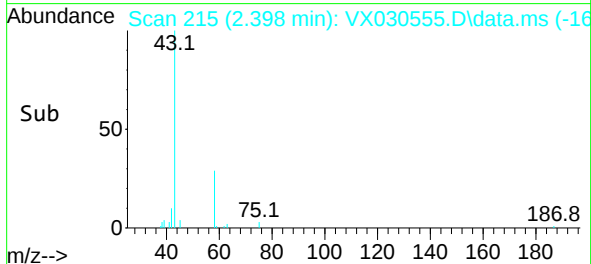
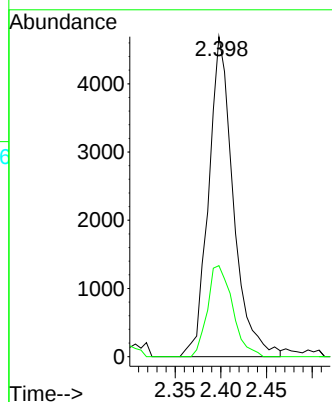
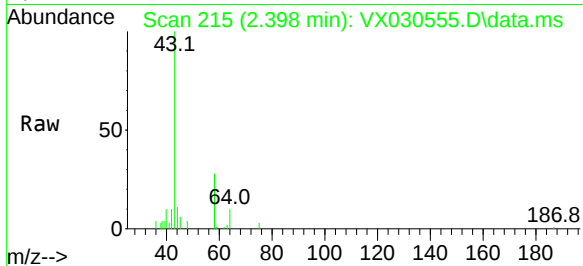




#13
Acetone
Concen: 7.489 ug/L
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX030555.D
Acq: 10 Aug 2022 16:21

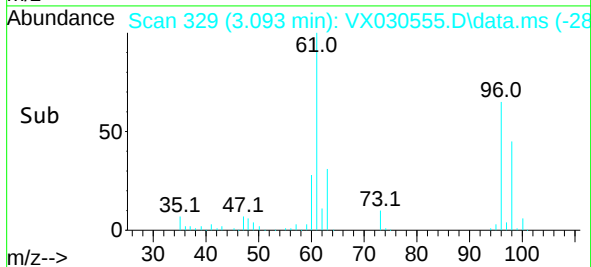
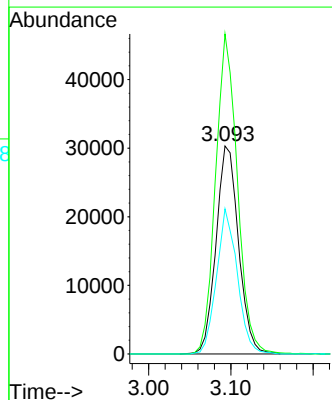
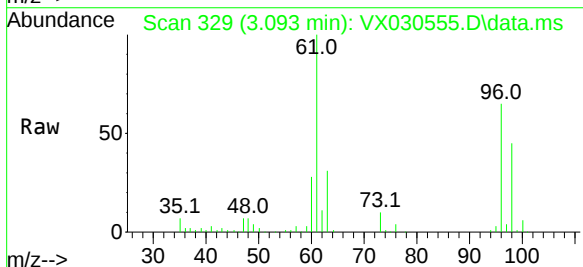
Instrument :
MSVOA_X
ClientSampleId :
DBUU8

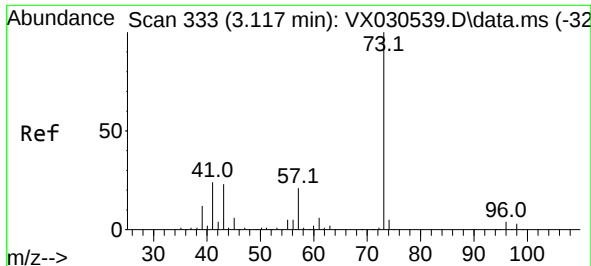
Tgt Ion: 43 Resp: 8835
Ion Ratio Lower Upper
43 100
58 28.7 0.0 57.8



#17
trans-1,2-Dichloroethene
Concen: 32.930 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030555.D
Acq: 10 Aug 2022 16:21

Tgt Ion: 96 Resp: 57765
Ion Ratio Lower Upper
96 100
61 153.9 103.7 192.5
98 69.8 41.5 77.1

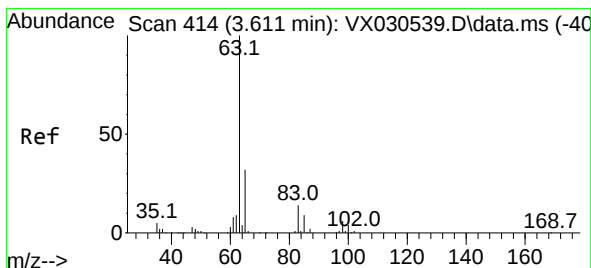
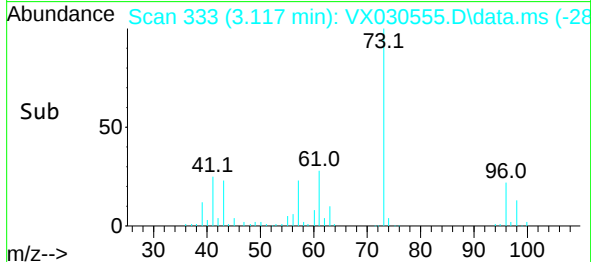
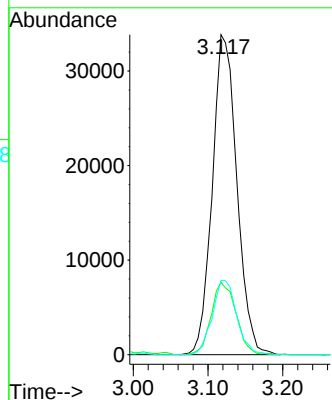
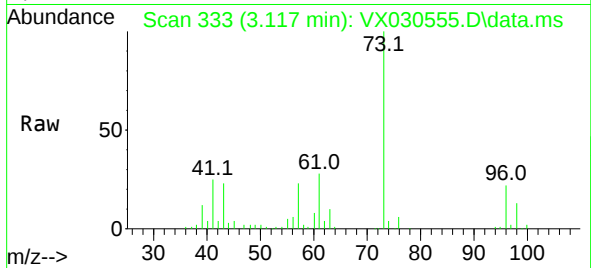




#18
Methyl tert-butyl Ether
Concen: 12.974 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030555.D
Acq: 10 Aug 2022 16:21

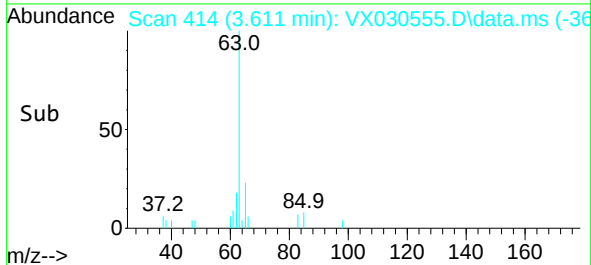
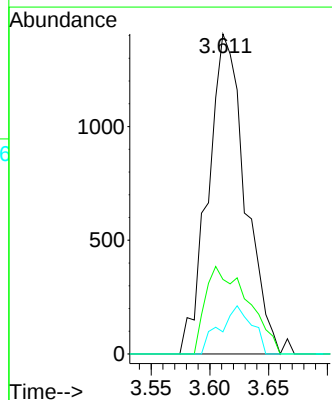
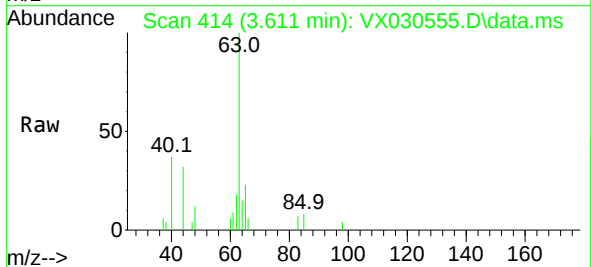
Instrument :
MSVOA_X
ClientSampleId :
DBUU8

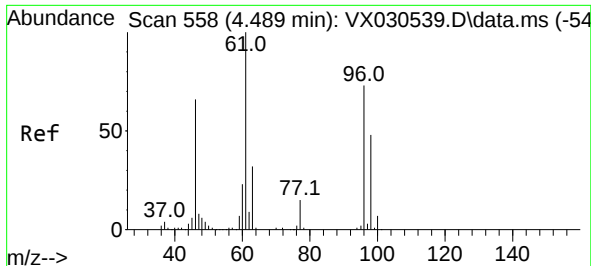
Tgt Ion: 73 Resp: 77394
Ion Ratio Lower Upper
73 100
43 22.7 17.6 26.4
57 23.1 17.5 26.3



#19
1,1-Dichloroethane
Concen: 0.914 ug/L
RT: 3.611 min Scan# 414
Delta R.T. -0.000 min
Lab File: VX030555.D
Acq: 10 Aug 2022 16:21

Tgt Ion: 63 Resp: 3100
Ion Ratio Lower Upper
63 100
65 23.3 22.0 40.8
83 6.9 9.9 18.3#

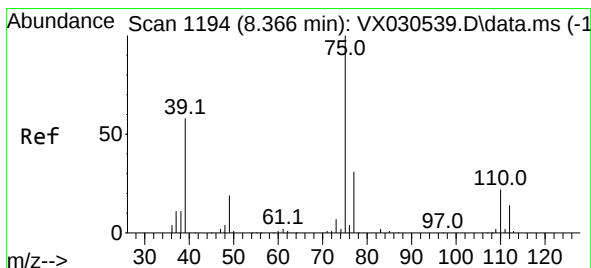
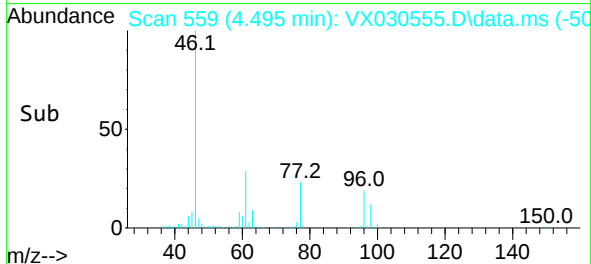
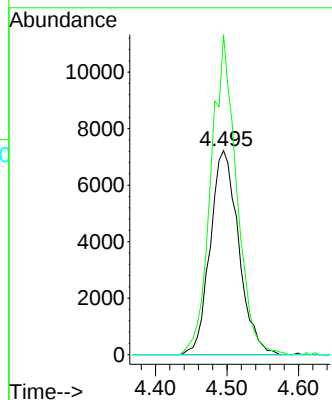
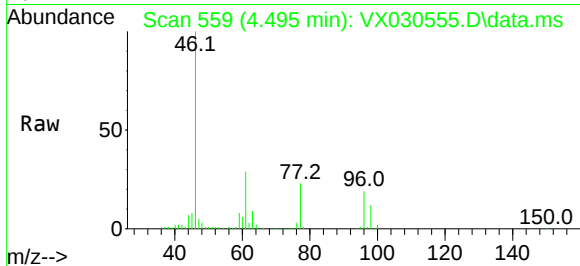




#20
 cis-1,2-Dichloroethene
 Concen: 10.109 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX030555.D
 Acq: 10 Aug 2022 16:21

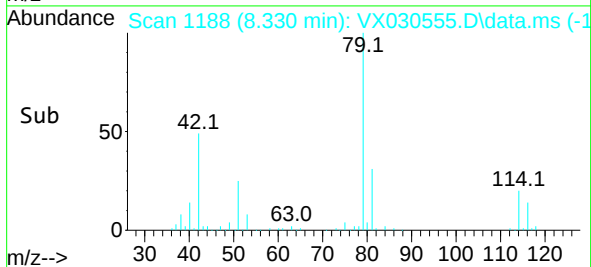
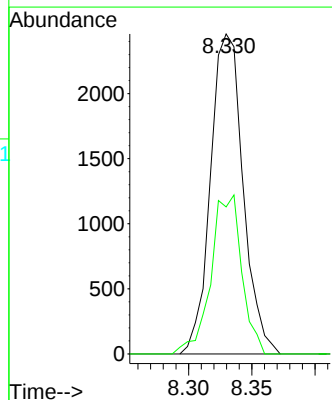
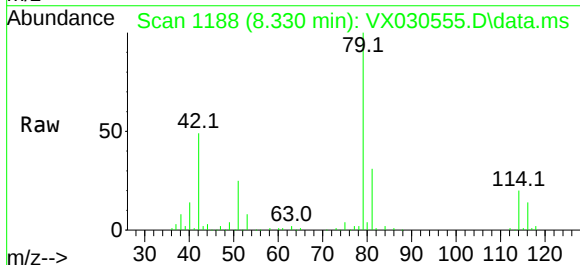
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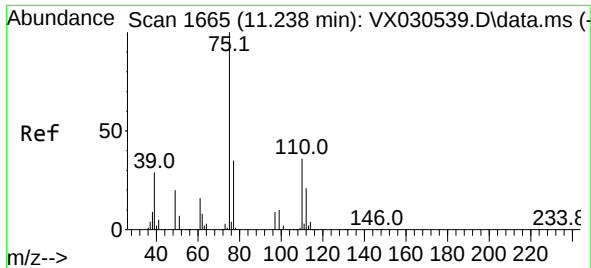
Tgt Ion: 96 Resp: 19948
 Ion Ratio Lower Upper
 96 100
 61 156.8 94.0 174.6
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 1.407 ug/L
 RT: 8.330 min Scan# 1188
 Delta R.T. -0.037 min
 Lab File: VX030555.D
 Acq: 10 Aug 2022 16:21

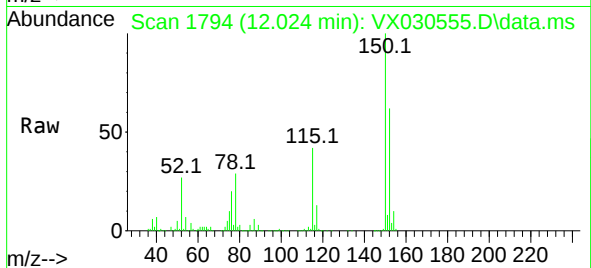
Tgt Ion: 75 Resp: 4404
 Ion Ratio Lower Upper
 75 100
 77 45.9 22.4 41.6#





#61
 1,2,3-Trichloropropane
 Concen: 6.698 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX030555.D
 Acq: 10 Aug 2022 16:21

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Tgt Ion: 75 Resp: 16043
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.1 39.1
 110 3.0 30.5 45.7#

