

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081022\
 Data File : VX030549.D
 Acq On : 10 Aug 2022 14:00
 Operator : JC/MD
 Sample : N4076-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DBUU7

Quant Time: Aug 10 14:27:57 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)

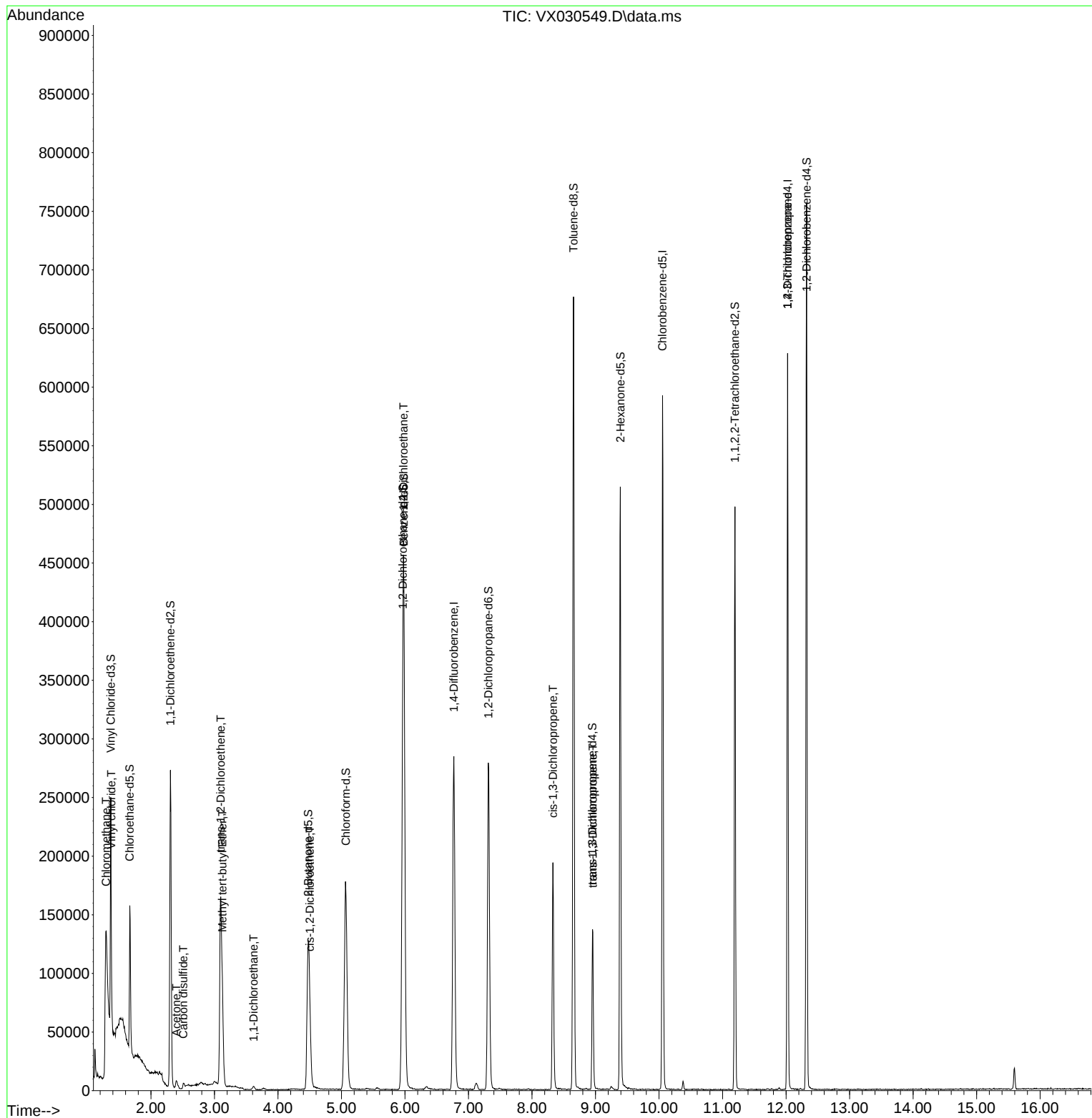
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	275312	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	242447	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	114895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	103396	58.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.960%
7) Chloroethane-d5	1.666	69	77293	62.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	124.040%
11) 1,1-Dichloroethene-d2	2.306	63	156404	46.767	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.540%
21) 2-Butanone-d5	4.477	46	201183	122.811	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.810%
24) Chloroform-d	5.068	84	216229	59.412	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.820%
26) 1,2-Dichloroethane-d4	5.964	65	152320	61.637	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	123.280%
32) Benzene-d6	5.982	84	418533	60.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	120.540%
36) 1,2-Dichloropropane-d6	7.312	67	139999	62.133	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	124.260%#
41) Toluene-d8	8.653	98	380976	58.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.400%
43) trans-1,3-Dichloroprop...	8.951	79	64468	57.513	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	115.020%
47) 2-Hexanone-d5	9.390	63	139294	121.283	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.280%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	187489	63.341	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	126.680%#
66) 1,2-Dichlorobenzene-d4	12.323	152	136384	61.200	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.400%#
Target Compounds						Qvalue
3) Chloromethane	1.294	50	7115	3.994	ug/L #	41
5) Vinyl chloride	1.374	62	17594	9.247	ug/L #	1
13) Acetone	2.398	43	7506	6.252	ug/L	99
14) Carbon disulfide	2.508	76	8430	1.688	ug/L	95
17) trans-1,2-Dichloroethene	3.099	96	55105	30.867	ug/L	95
18) Methyl tert-butyl Ether	3.123	73	80431	13.248	ug/L	98
19) 1,1-Dichloroethane	3.617	63	2913	0.844	ug/L #	96
20) cis-1,2-Dichloroethene	4.501	96	20714	10.315	ug/L	95
27) 1,2-Dichloroethane	5.976	62	3028	1.003	ug/L	97
39) cis-1,3-Dichloropropene	8.330	75	4452	1.444	ug/L #	73
44) trans-1,3-Dichloropropene	8.958	75	3324	1.102	ug/L	94
61) 1,2,3-Trichloropropane	12.024	75	15724	6.373	ug/L #	68

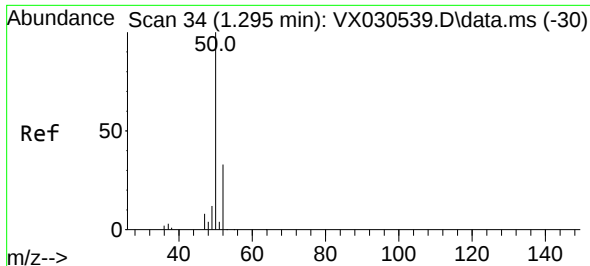
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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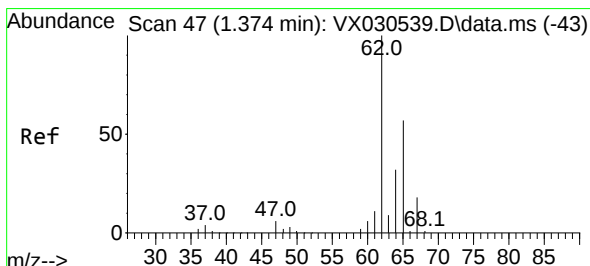
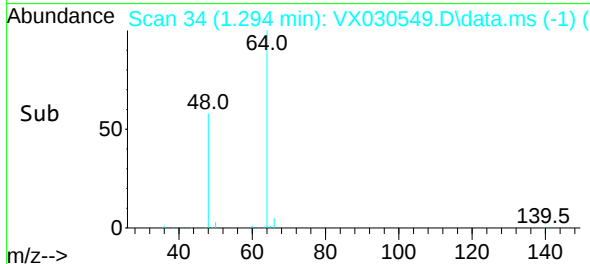
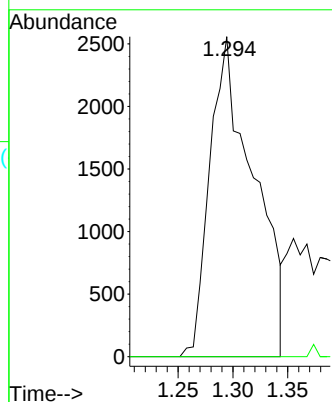
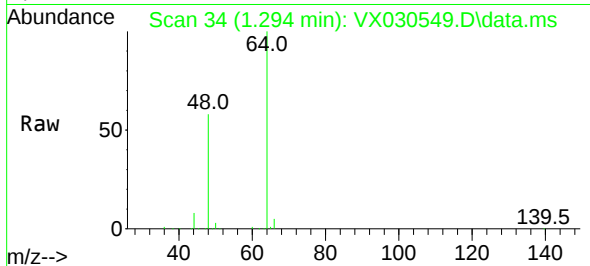




#3
Chloromethane
Concen: 3.994 ug/L
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

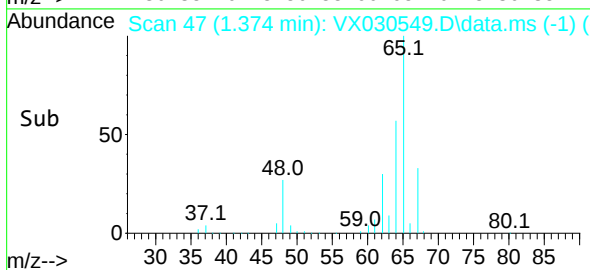
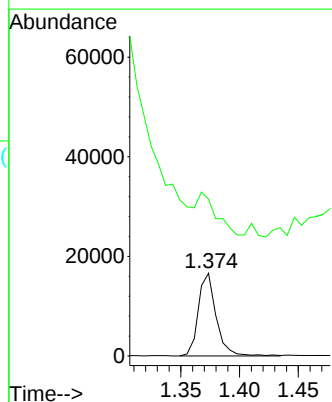
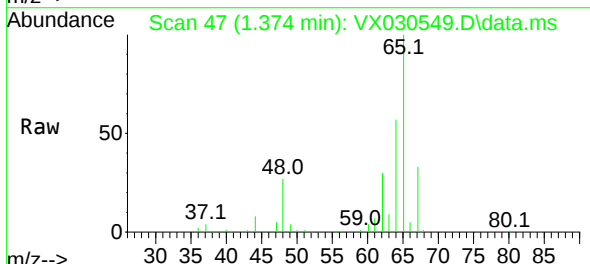
Instrument :
MSVOA_X
ClientSampleId :
DBUU7

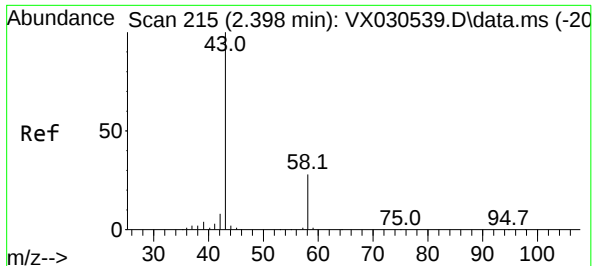
Tgt Ion: 50 Resp: 7115
Ion Ratio Lower Upper
50 100
52 0.0 23.3 43.3#



#5
Vinyl chloride
Concen: 9.247 ug/L
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

Tgt Ion: 62 Resp: 17594
Ion Ratio Lower Upper
62 100
64 189.6 23.8 44.2#





#13

Acetone

Concen: 6.252 ug/L

RT: 2.398 min Scan# 215

Delta R.T. 0.006 min

Lab File: VX030549.D

Acq: 10 Aug 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

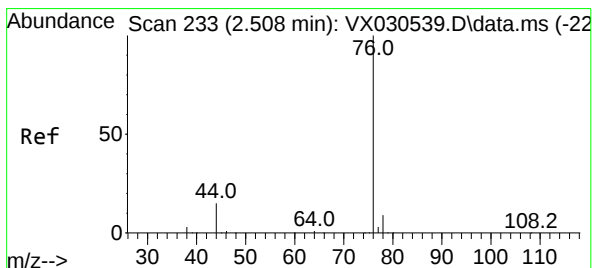
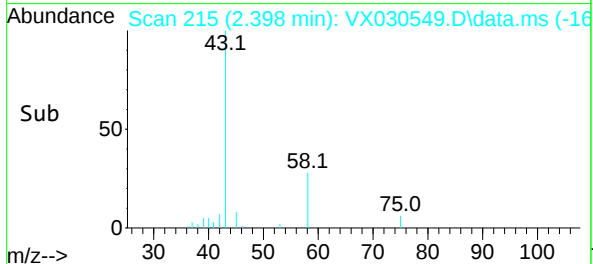
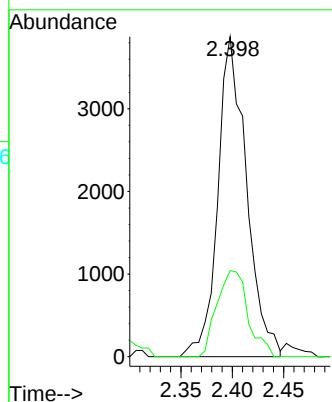
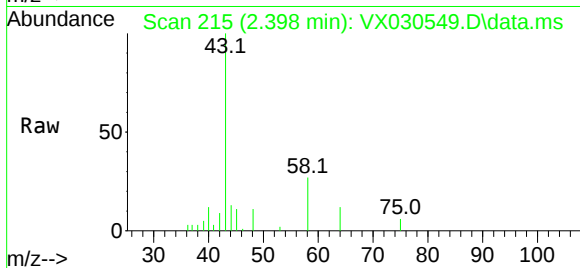
DBUU7

Tgt Ion: 43 Resp: 7506

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.8



#14

Carbon disulfide

Concen: 1.688 ug/L

RT: 2.508 min Scan# 233

Delta R.T. -0.000 min

Lab File: VX030549.D

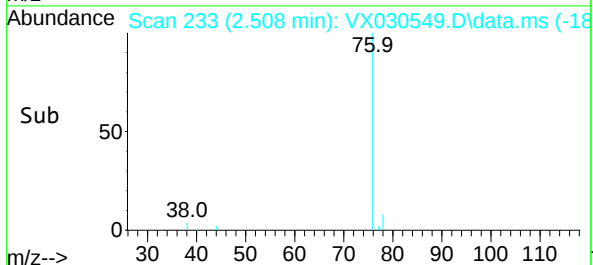
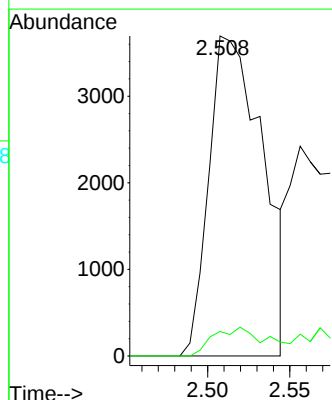
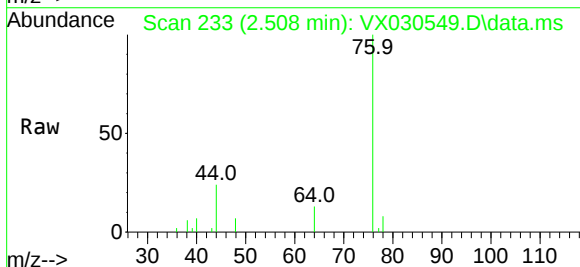
Acq: 10 Aug 2022 14:00

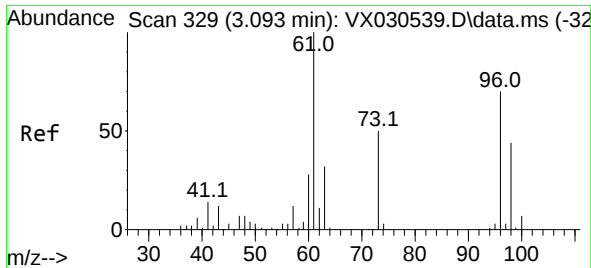
Tgt Ion: 76 Resp: 8430

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.2

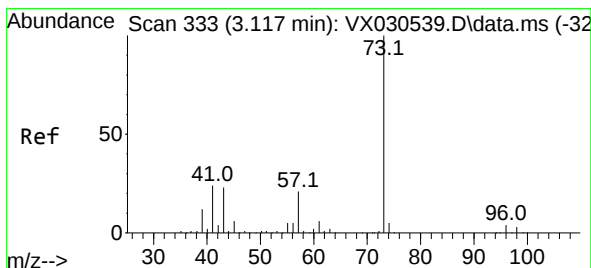
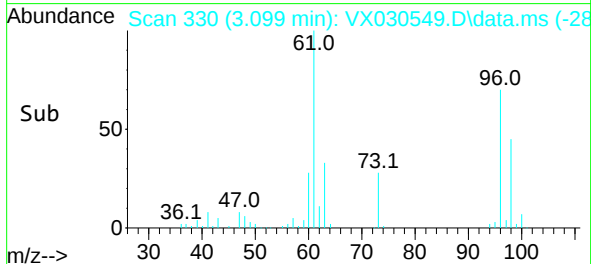
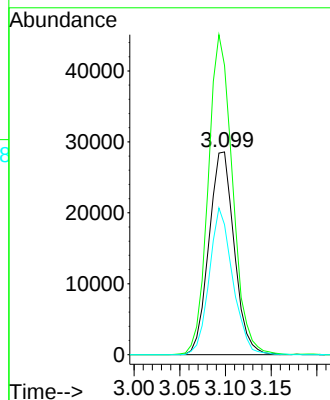
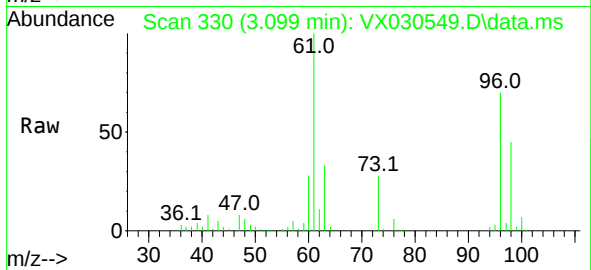




#17
trans-1,2-Dichloroethene
Concen: 30.867 ug/L
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

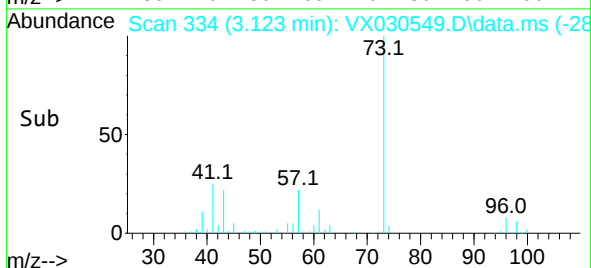
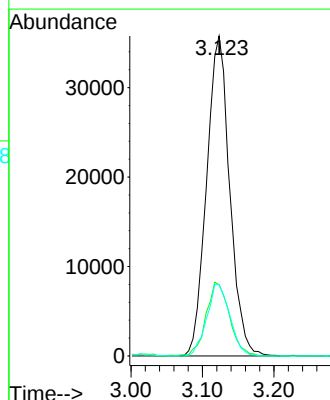
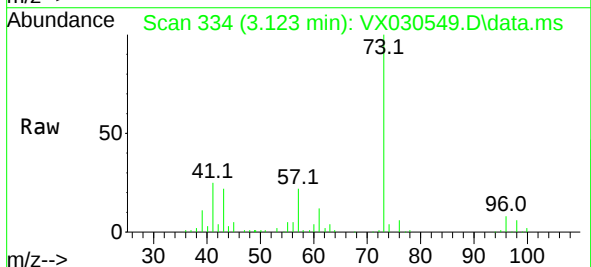
Instrument :
MSVOA_X
ClientSampleId :
DBUU7

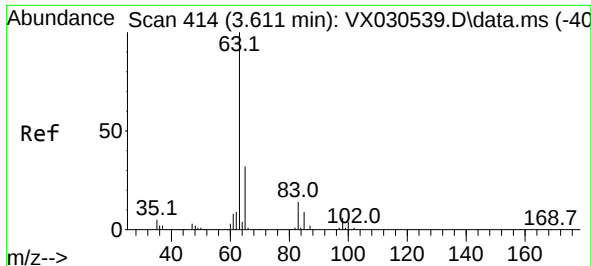
Tgt Ion: 96 Resp: 55105
Ion Ratio Lower Upper
96 100
61 142.7 103.7 192.5
98 64.1 41.5 77.1



#18
Methyl tert-butyl Ether
Concen: 13.248 ug/L
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

Tgt Ion: 73 Resp: 80431
Ion Ratio Lower Upper
73 100
43 23.0 17.6 26.4
57 22.4 17.5 26.3





#19

1,1-Dichloroethane

Concen: 0.844 ug/L

RT: 3.617 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX030549.D

Acq: 10 Aug 2022 14:00

Instrument :

MSVOA_X

ClientSampleId :

DBUU7

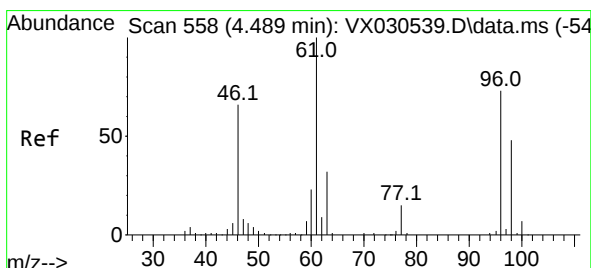
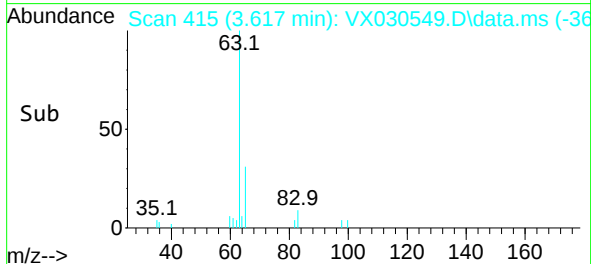
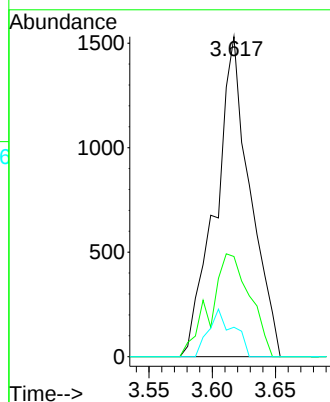
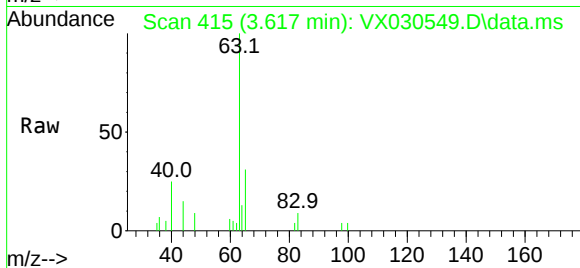
Tgt Ion: 63 Resp: 2913

Ion Ratio Lower Upper

63 100

65 31.3 22.0 40.8

83 9.2 9.9 18.3#



#20

cis-1,2-Dichloroethene

Concen: 10.315 ug/L

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX030549.D

Acq: 10 Aug 2022 14:00

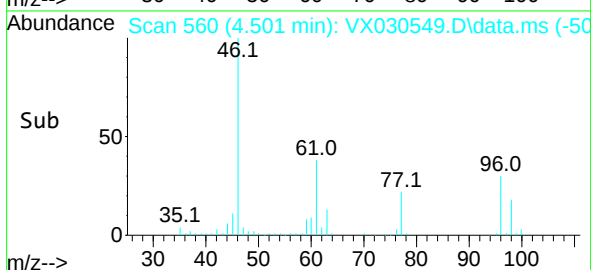
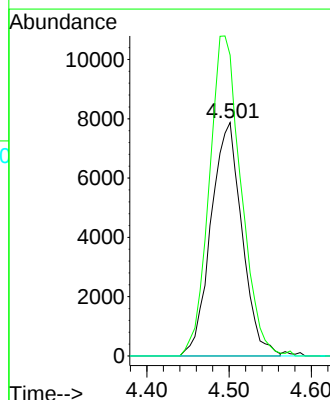
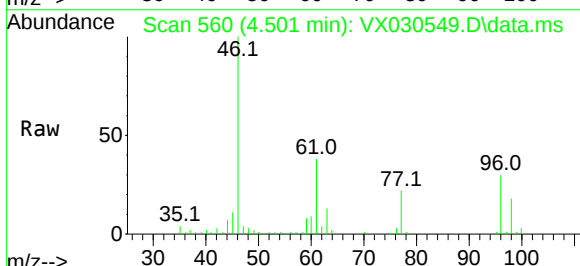
Tgt Ion: 96 Resp: 20714

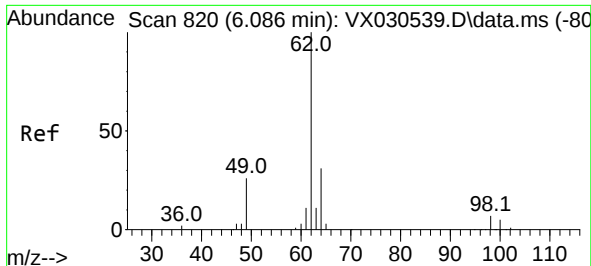
Ion Ratio Lower Upper

96 100

61 128.9 94.0 174.6

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.003 ug/L

RT: 5.976 min Scan# 80

Delta R.T. -0.110 min

Lab File: VX030549.D

Acq: 10 Aug 2022 14:00

Instrument :

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ClientSampleId :

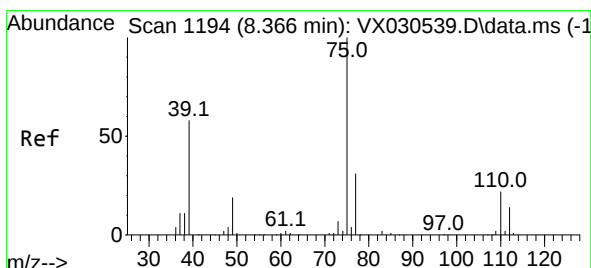
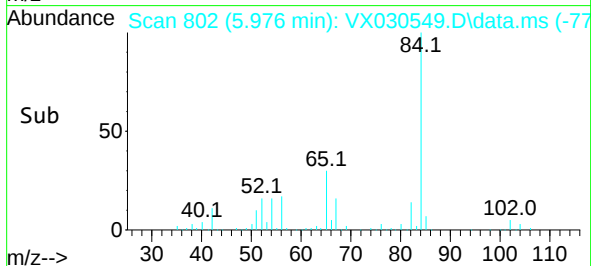
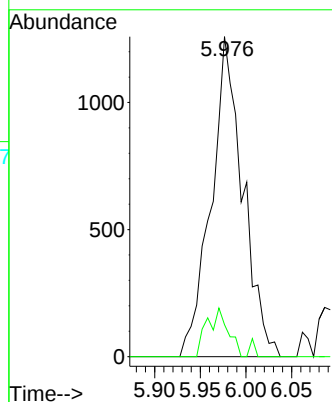
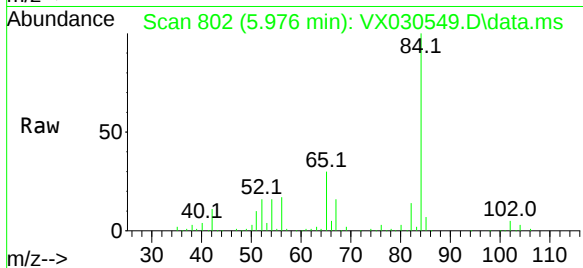
DBUU7

Tgt Ion: 62 Resp: 3028

Ion Ratio Lower Upper

62 100

98 10.0 7.0 10.6



#39

cis-1,3-Dichloropropene

Concen: 1.444 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030549.D

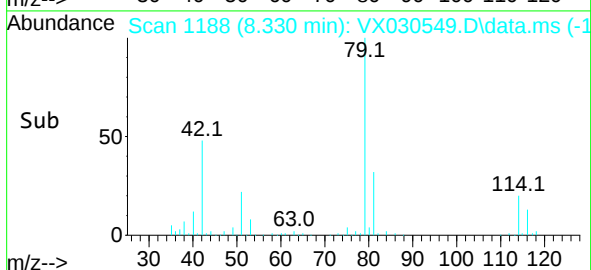
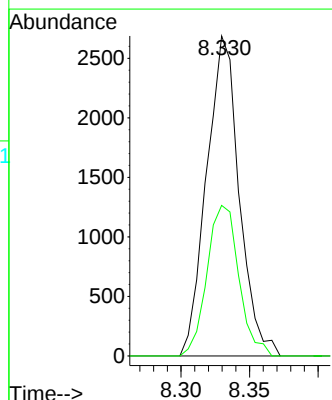
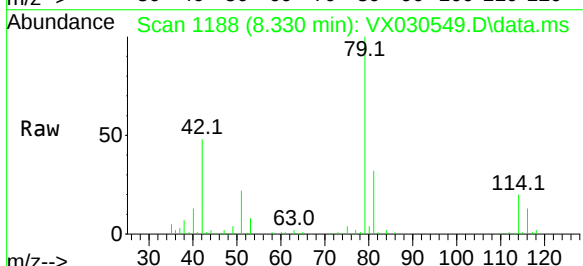
Acq: 10 Aug 2022 14:00

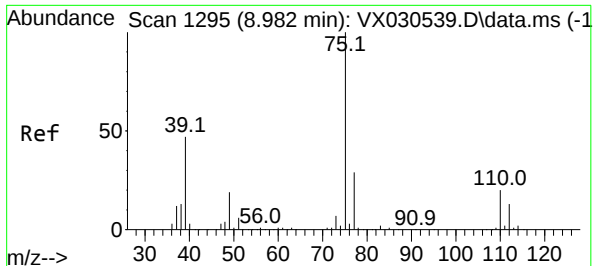
Tgt Ion: 75 Resp: 4452

Ion Ratio Lower Upper

75 100

77 47.1 22.4 41.6#

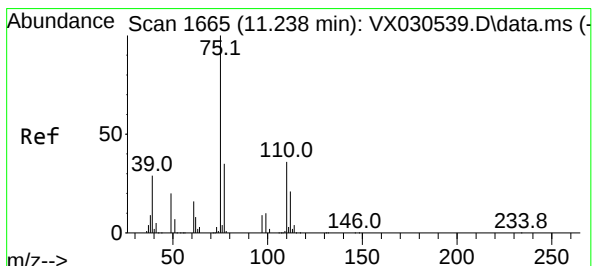
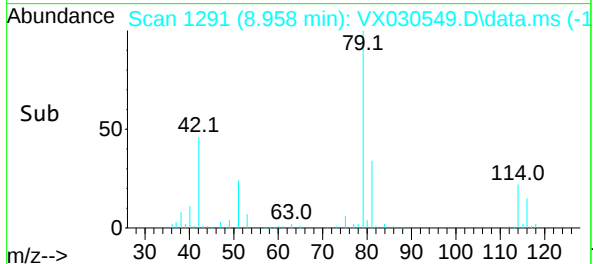
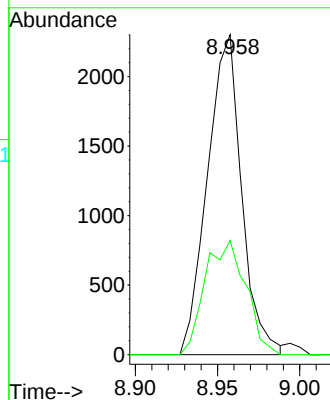
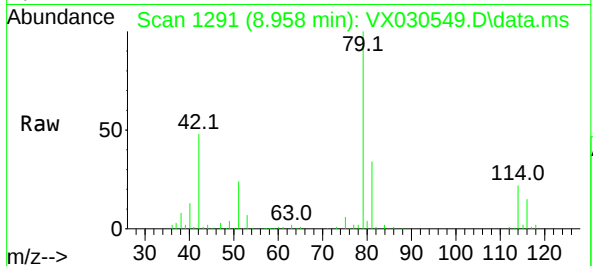




#44
trans-1,3-Dichloropropene
Concen: 1.102 ug/L
RT: 8.958 min Scan# 11
Delta R.T. -0.025 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

Instrument :
MSVOA_X
ClientSampleId :
DBUU7

Tgt Ion: 75 Resp: 3324
Ion Ratio Lower Upper
75 100
77 35.7 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.373 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.780 min
Lab File: VX030549.D
Acq: 10 Aug 2022 14:00

Tgt Ion: 75 Resp: 15724
Ion Ratio Lower Upper
75 100
77 33.3 26.1 39.1
110 2.8 30.5 45.7#

