

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080822\
 Data File : VX030509.D
 Acq On : 08 Aug 2022 13:48
 Operator : JC/MD
 Sample : N4066-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E23

Quant Time: Aug 09 01:05:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 09 00:14:16 2022
 Response via : Initial Calibration

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

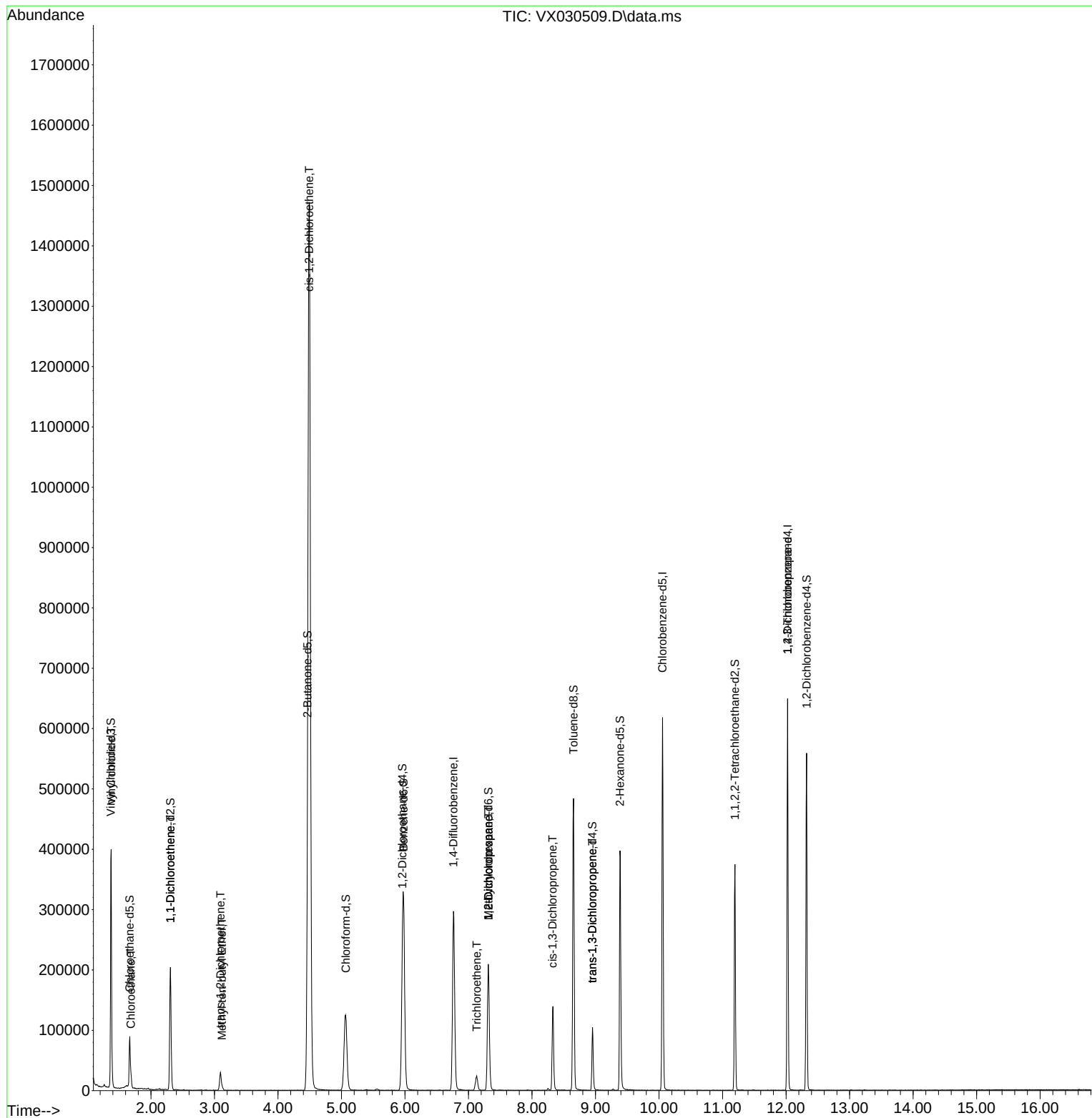
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	283687	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	249668	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115391	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	69252	38.013	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.020%
7) Chloroethane-d5	1.666	69	53913	41.980	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.960%
11) 1,1-Dichloroethene-d2	2.306	63	115459	33.504	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.000%
21) 2-Butanone-d5	4.465	46	167911	99.475	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.470%
24) Chloroform-d	5.068	84	159565	42.548	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.100%
26) 1,2-Dichloroethane-d4	5.958	65	113600	44.612	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.220%
32) Benzene-d6	5.976	84	310347	43.395	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	7.312	67	101984	43.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.900%
41) Toluene-d8	8.653	98	279195	41.416	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.840%
43) trans-1,3-Dichloroprop...	8.951	79	46886	40.618	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.240%
47) 2-Hexanone-d5	9.384	63	110161	93.143	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.140%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	140004	45.931	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.860%
66) 1,2-Dichlorobenzene-d4	12.323	152	102392	45.749	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	201418	102.732	ug/L	97
8) Chloroethane	1.685	64	9048	8.102	ug/L	93
12) 1,1-Dichloroethene	2.306	96	2484	1.564	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	10436	5.673	ug/L	93
18) Methyl tert-butyl Ether	3.117	73	4516	0.722	ug/L #	90
20) cis-1,2-Dichloroethene	4.489	96	865643	418.325	ug/L	99
34) Trichloroethene	7.129	95	7502	3.236	ug/L	85
35) Methylcyclohexane	7.312	83	24469	7.250	ug/L #	18
37) 1,2-Dichloropropane	7.312	63	12032	5.653	ug/L #	89
39) cis-1,3-Dichloropropene	8.324	75	3213	1.012	ug/L #	79
44) trans-1,3-Dichloropropene	8.951	75	2269	0.730	ug/L	86
61) 1,2,3-Trichloropropane	12.024	75	15815	6.382	ug/L #	67

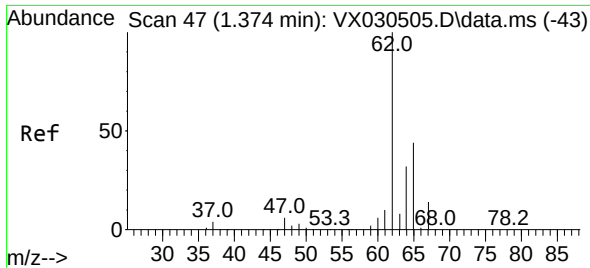
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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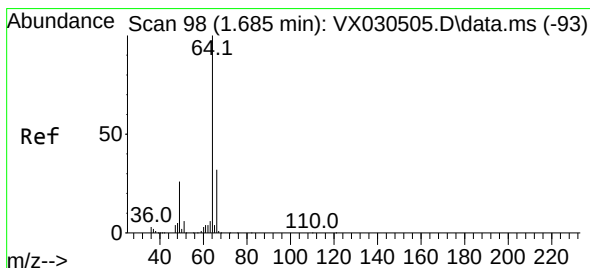
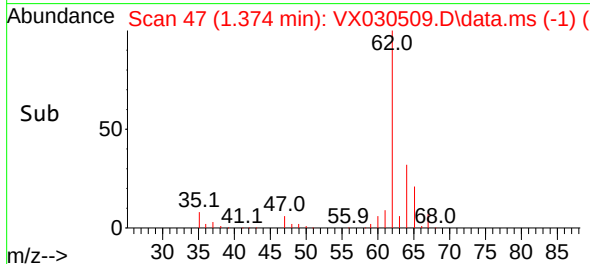
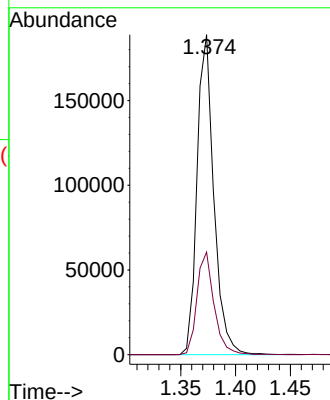
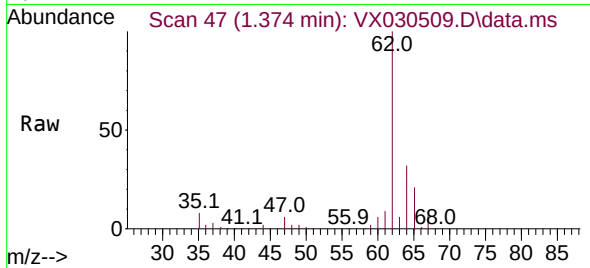




#5
 Vinyl chloride
 Concen: 102.732 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030509.D
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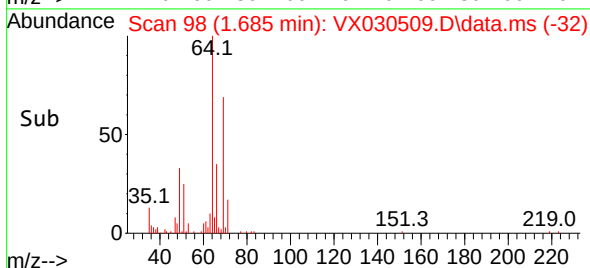
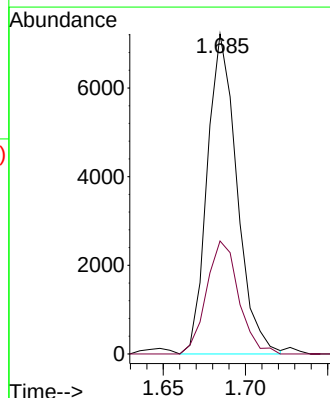
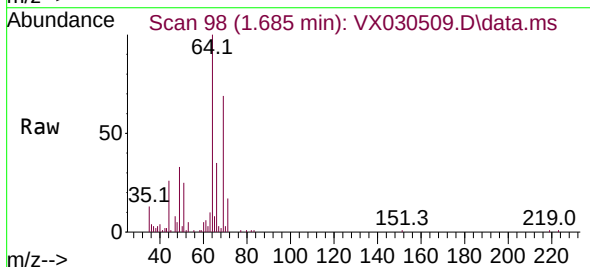
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E23

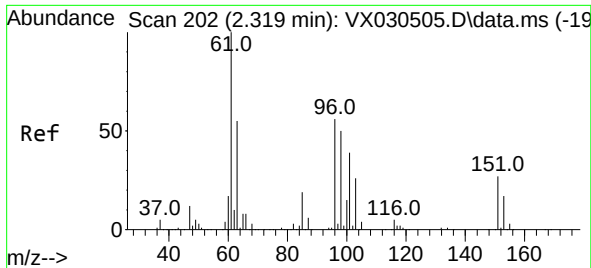
Tgt Ion: 62 Resp: 201418
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#8
 Chloroethane
 Concen: 8.102 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030509.D
 Acq: 08 Aug 2022 13:48

Tgt Ion: 64 Resp: 9048
 Ion Ratio Lower Upper
 64 100
 66 35.3 22.1 41.1

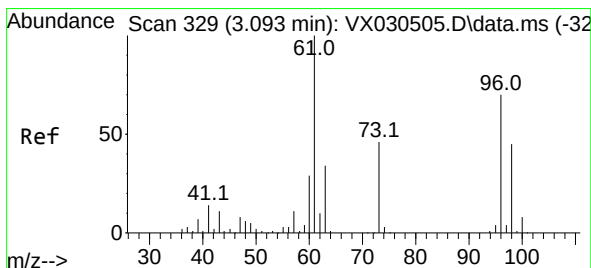
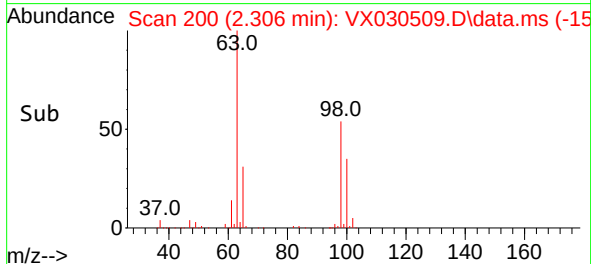
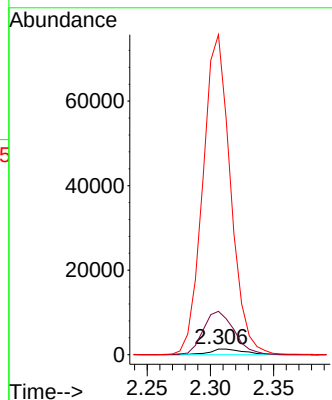
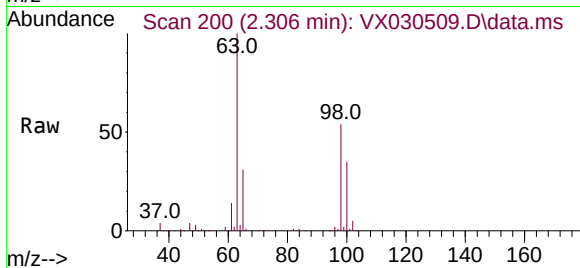




#12
1,1-Dichloroethene
Concen: 1.564 ug/L
RT: 2.306 min Scan# 202
Delta R.T. -0.012 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

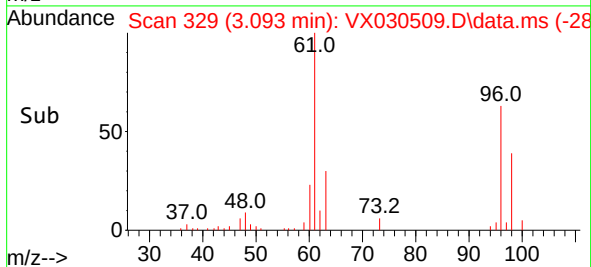
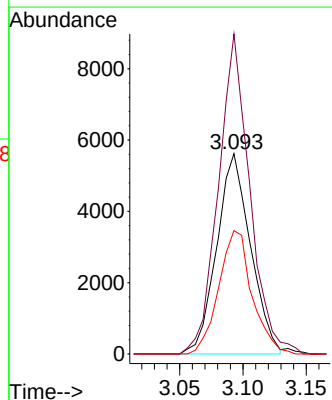
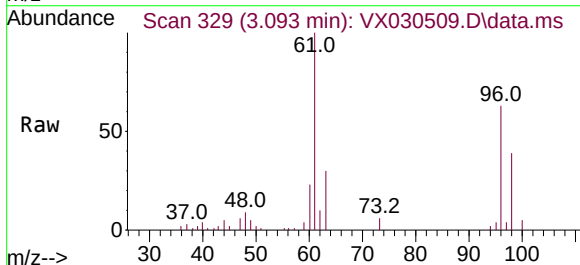
Instrument :
MSVOA_X
ClientSampleId :
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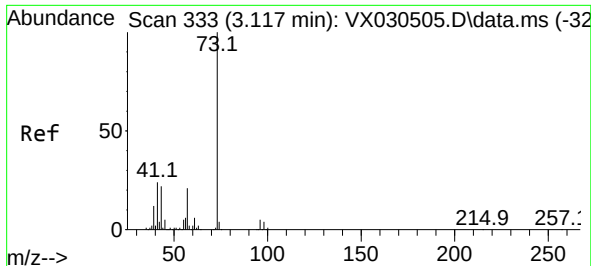
Tgt Ion: 96 Resp: 2484
Ion Ratio Lower Upper
96 100
61 769.5 130.2 241.8#
63 5672.5 113.5 210.9#



#17
trans-1,2-Dichloroethene
Concen: 5.673 ug/L
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 96 Resp: 10436
Ion Ratio Lower Upper
96 100
61 159.7 103.7 192.5
98 61.5 41.5 77.1

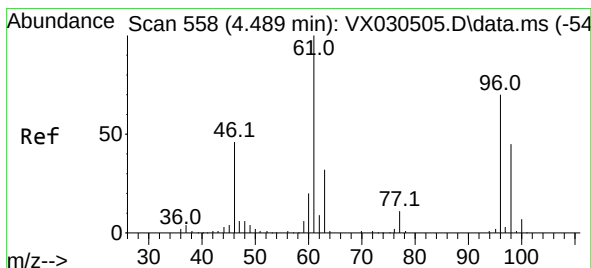
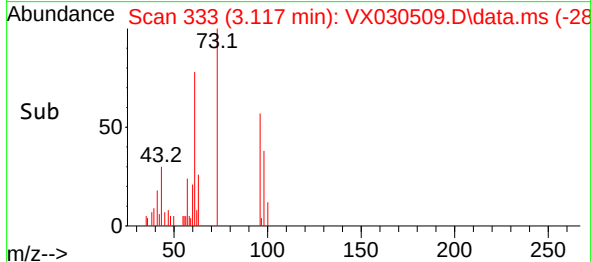
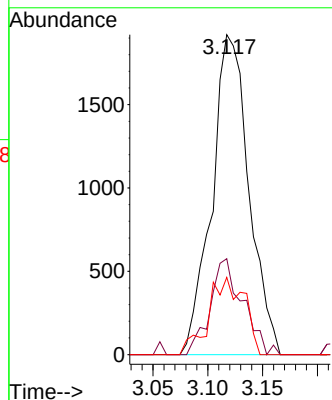
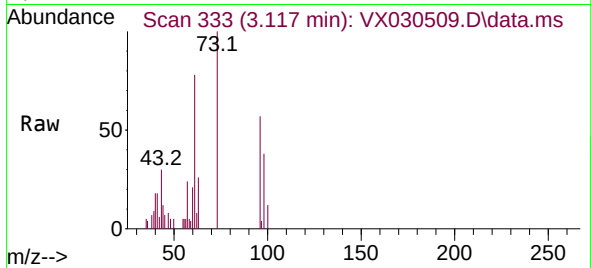




#18
Methyl tert-butyl Ether
Concen: 0.722 ug/L
RT: 3.117 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

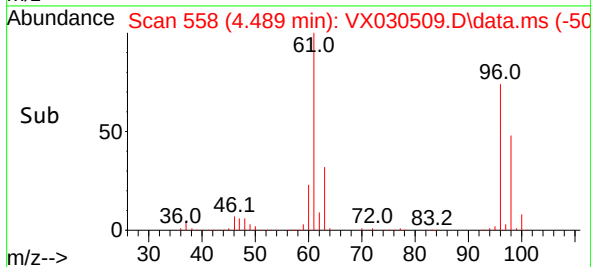
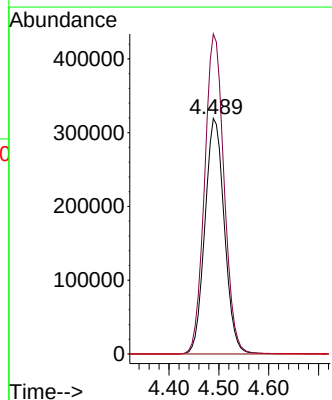
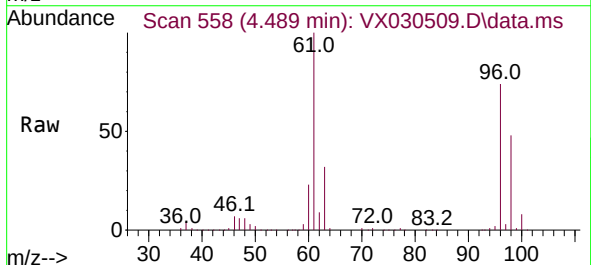
Instrument :
MSVOA_X
ClientSampleId :
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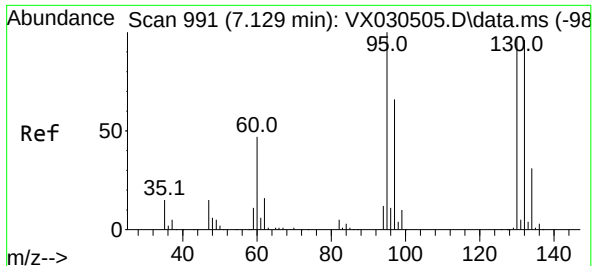
Tgt Ion: 73 Resp: 4516
Ion Ratio Lower Upper
73 100
43 21.0 17.6 26.4
57 13.7 17.5 26.3#



#20
cis-1,2-Dichloroethene
Concen: 418.325 ug/L
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 96 Resp: 865643
Ion Ratio Lower Upper
96 100
61 135.9 94.0 174.6
68 0.0 0.0 0.0

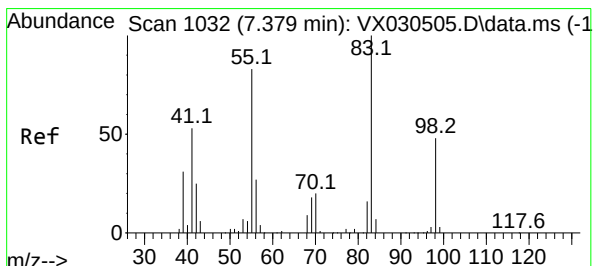
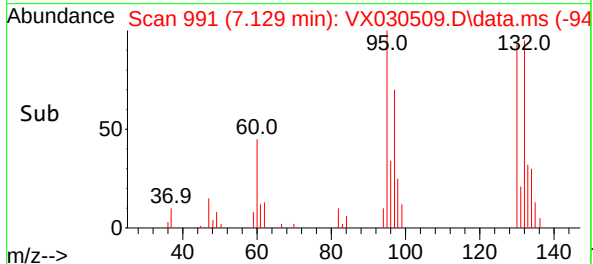
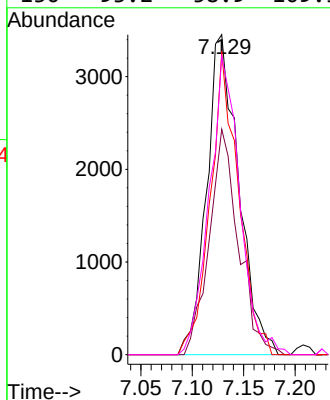
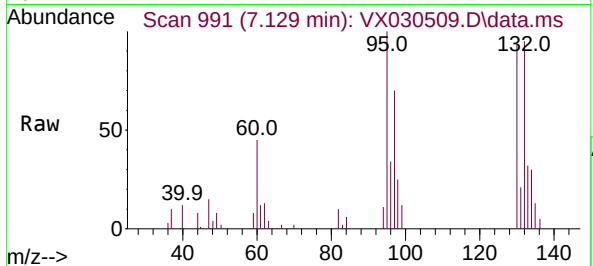




#34
Trichloroethene
Concen: 3.236 ug/L
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

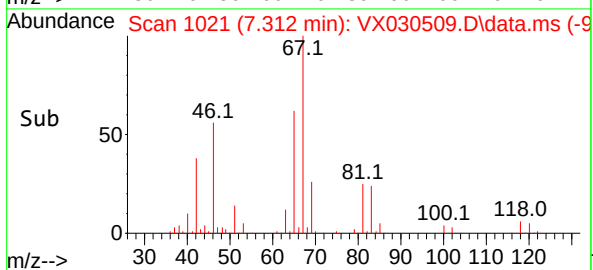
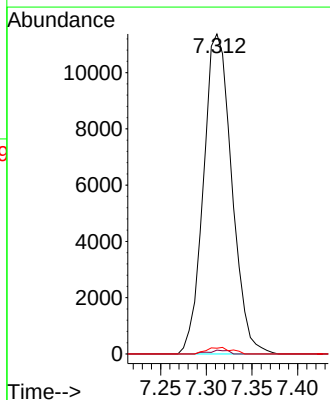
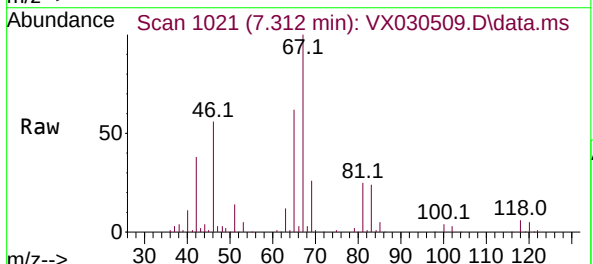
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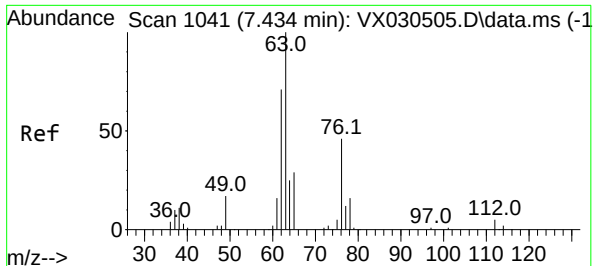
Tgt Ion:	95	Resp:	7502
Ion	Ratio	Lower	Upper
95	100		
97	70.4	40.2	74.6
132	94.8	55.3	102.7
130	93.2	58.9	109.5



#35
Methylcyclohexane
Concen: 7.250 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.067 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

Tgt Ion:	83	Resp:	24469
Ion	Ratio	Lower	Upper
83	100		
55	0.6	64.0	96.0#
98	1.4	36.7	55.1#





#37

1,2-Dichloropropane

Concen: 5.653 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX030509.D

Acq: 08 Aug 2022 13:48

Instrument :

MSVOA_X

ClientSampleId :

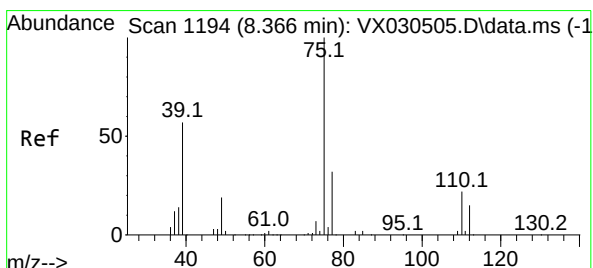
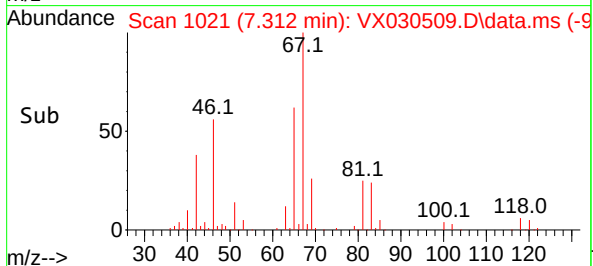
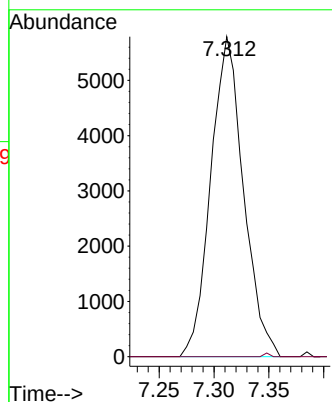
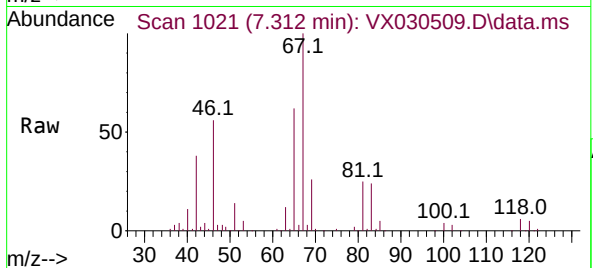
F5E23

Tgt Ion: 63 Resp: 12032

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#



#39

cis-1,3-Dichloropropene

Concen: 1.012 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX030509.D

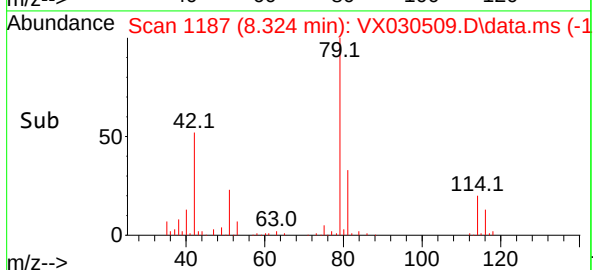
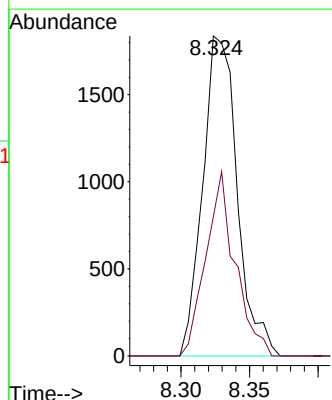
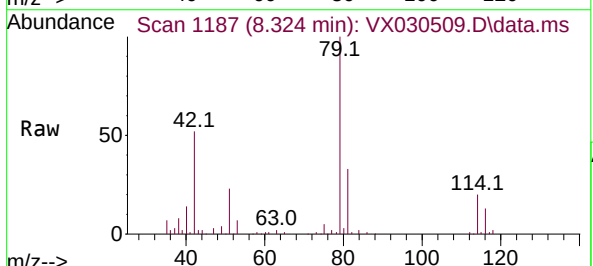
Acq: 08 Aug 2022 13:48

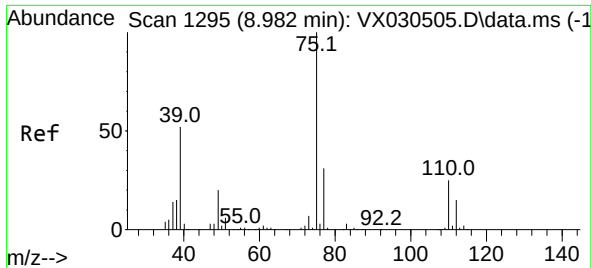
Tgt Ion: 75 Resp: 3213

Ion Ratio Lower Upper

75 100

77 43.4 22.4 41.6#

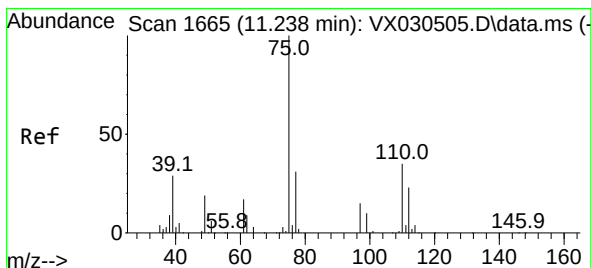
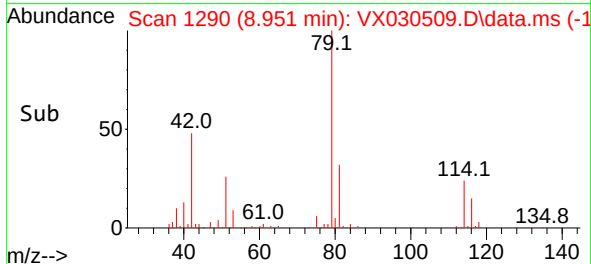
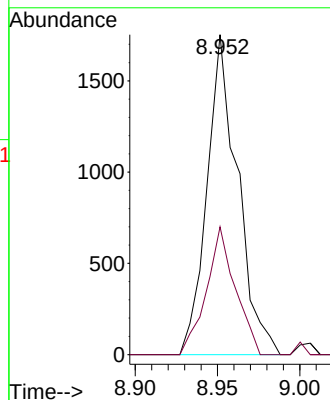
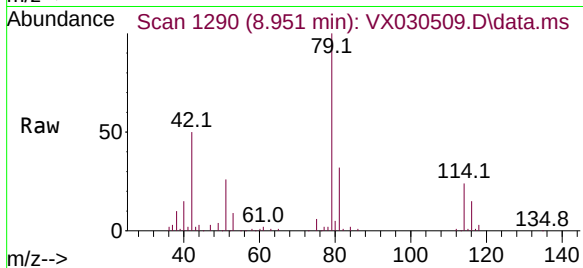




#44
trans-1,3-Dichloropropene
Concen: 0.730 ug/L
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX030509.D
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Instrument :
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Tgt Ion: 75 Resp: 2269
Ion Ratio Lower Upper
75 100
77 39.9 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.382 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX030509.D
Acq: 08 Aug 2022 13:48

Tgt Ion: 75 Resp: 15815
Ion Ratio Lower Upper
75 100
77 35.3 26.1 39.1
110 3.2 30.5 45.7#

