

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080522\
 Data File : VX030446.D
 Acq On : 05 Aug 2022 22:25
 Operator : JC/MD
 Sample : N4066-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 06 02:23:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 02:08:42 2022
 Response via : Initial Calibration

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

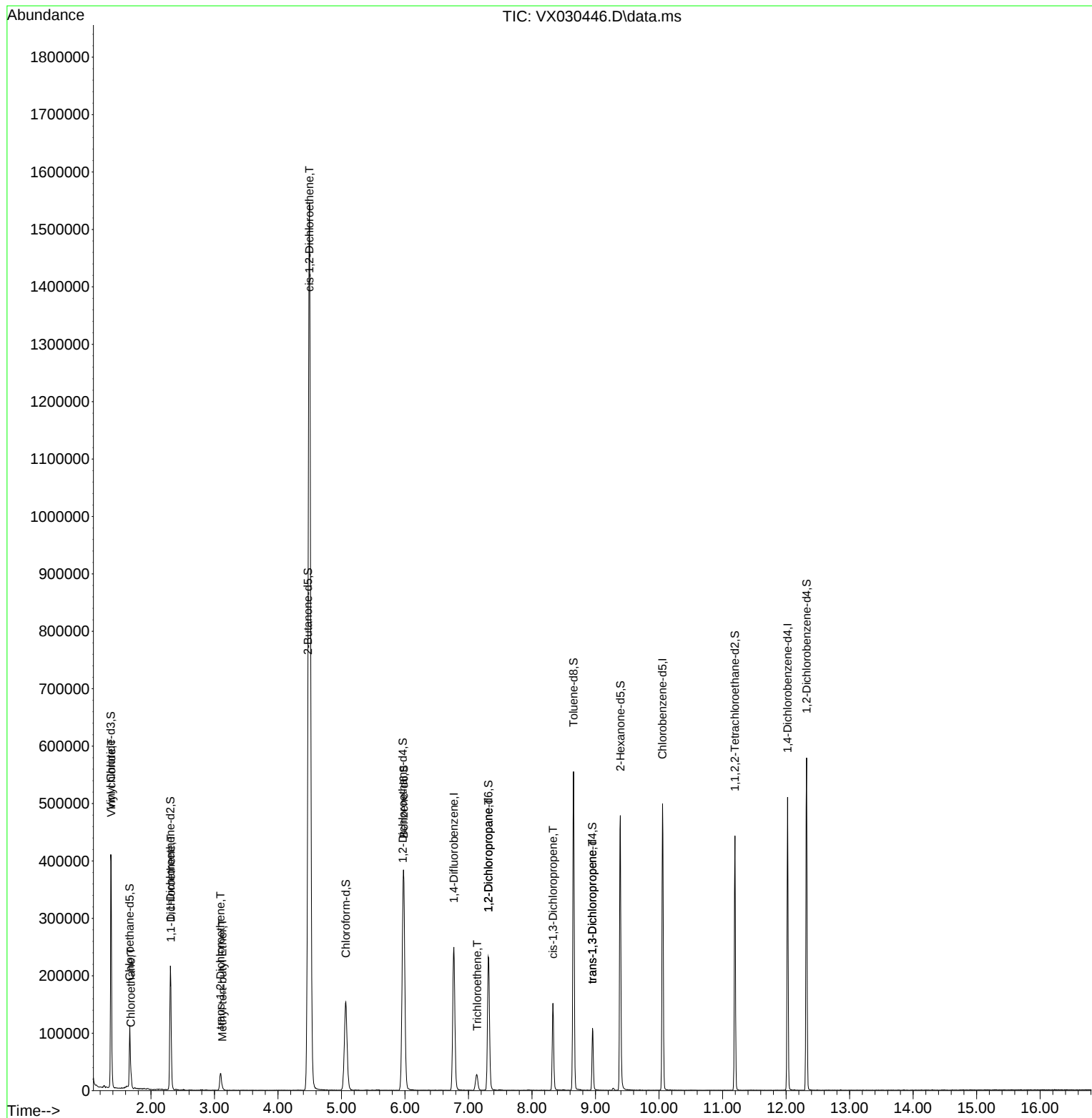
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	242276	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	214502	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	93999	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	80684	51.858	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 103.720%		
7) Chloroethane-d5	1.666	69	65643	59.850	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 119.700%		
11) 1,1-Dichloroethene-d2	2.307	63	119342	40.550	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 81.100%		
21) 2-Butanone-d5	4.471	46	202549	140.505	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 140.510%#		
24) Chloroform-d	5.068	84	184163	57.501	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.000%		
26) 1,2-Dichloroethane-d4	5.964	65	130624	60.065	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 120.140%		
32) Benzene-d6	5.983	84	355522	57.862	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 115.720%		
36) 1,2-Dichloropropane-d6	7.312	67	116847	58.614	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 117.220%		
41) Toluene-d8	8.653	98	313486	54.127	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 108.260%		
43) trans-1,3-Dichloroprop...	8.952	79	49884	50.300	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 100.600%		
47) 2-Hexanone-d5	9.391	63	131131	129.050	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 129.050%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	162454	62.034	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 124.060%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	108701	59.621	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 119.240%		
Target Compounds						
5) Vinyl chloride	1.374	62	205623	122.803	ug/L	99
8) Chloroethane	1.685	64	9599	10.064	ug/L	96
12) 1,1-Dichloroethene	2.313	96	2566	1.892	ug/L #	1
17) trans-1,2-Dichloroethene	3.093	96	11197	7.127	ug/L	92
18) Methyl tert-butyl Ether	3.123	73	4100	0.767	ug/L #	91
20) cis-1,2-Dichloroethene	4.495	96	876721	496.096	ug/L	100
34) Trichloroethene	7.135	95	8712	4.374	ug/L	97
37) 1,2-Dichloropropane	7.312	63	13991	7.651	ug/L #	89
39) cis-1,3-Dichloropropene	8.330	75	3574	1.310	ug/L #	65
44) trans-1,3-Dichloropropene	8.952	75	2378	0.891	ug/L	92

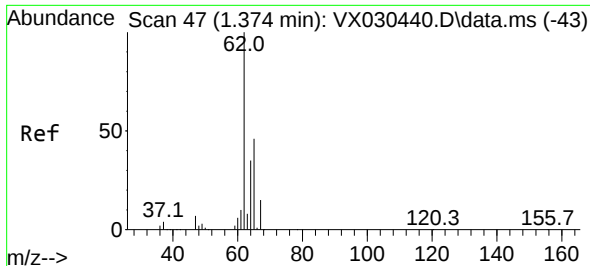
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 06 02:23:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Aug 06 02:08:42 2022
Response via : Initial Calibration

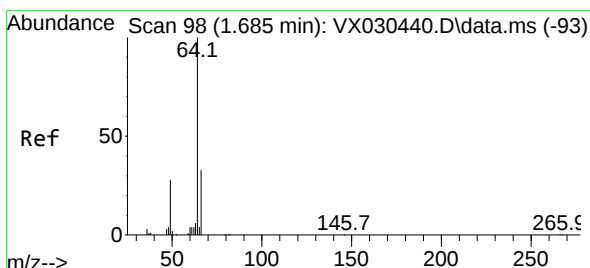
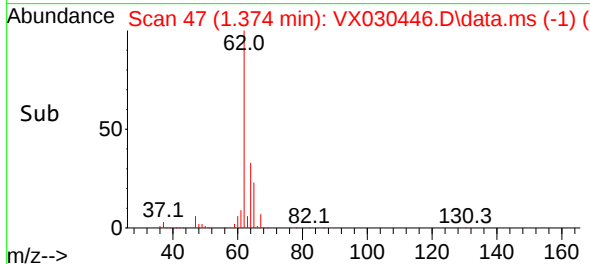
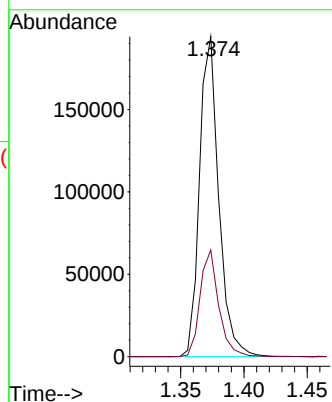
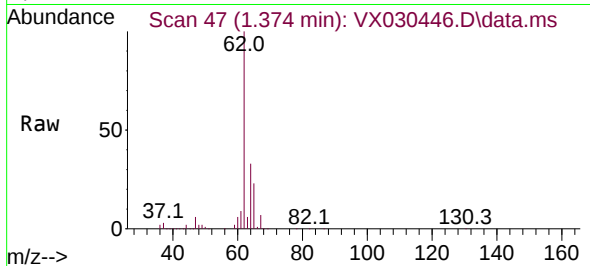




#5
 Vinyl chloride
 Concen: 122.803 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX030446.D
 Acq: 05 Aug 2022 22:25

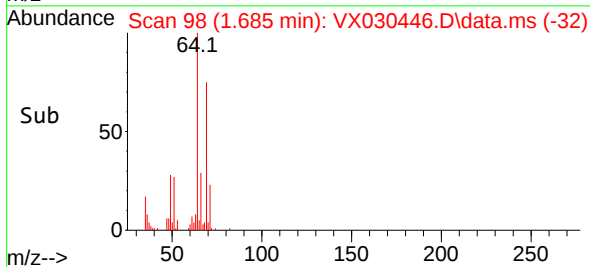
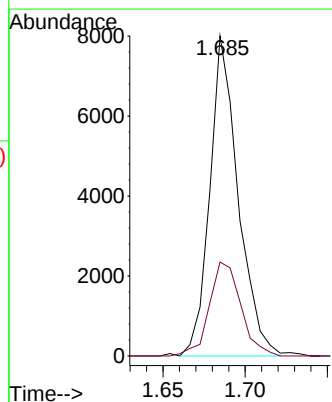
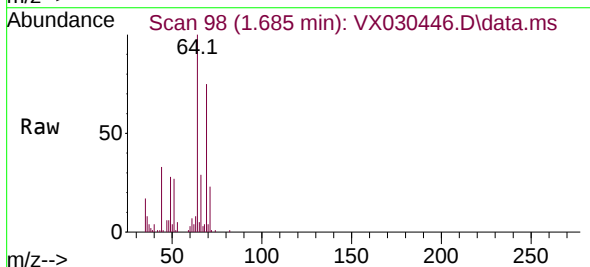
Instrument :
 MSVOA_X
 ClientSampleId :

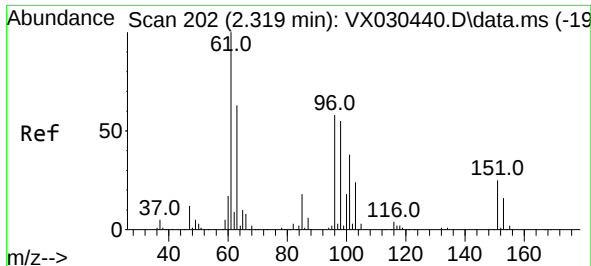
Tgt Ion: 62 Resp: 205623
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.8 44.2



#8
 Chloroethane
 Concen: 10.064 ug/L
 RT: 1.685 min Scan# 98
 Delta R.T. -0.000 min
 Lab File: VX030446.D
 Acq: 05 Aug 2022 22:25

Tgt Ion: 64 Resp: 9599
 Ion Ratio Lower Upper
 64 100
 66 29.4 22.1 41.1





#12

1,1-Dichloroethene

Concen: 1.892 ug/L

RT: 2.313 min Scan# 20

Delta R.T. -0.006 min

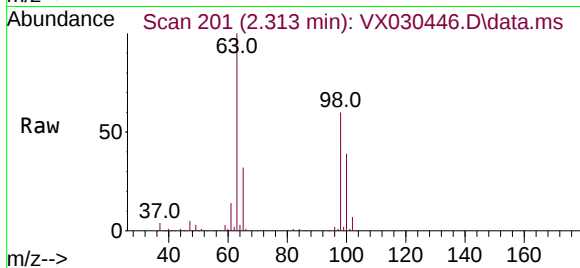
Lab File: VX030446.D

Acq: 05 Aug 2022 22:25

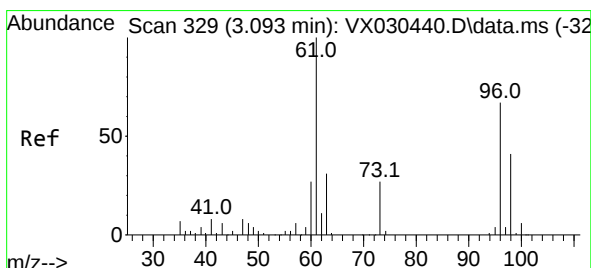
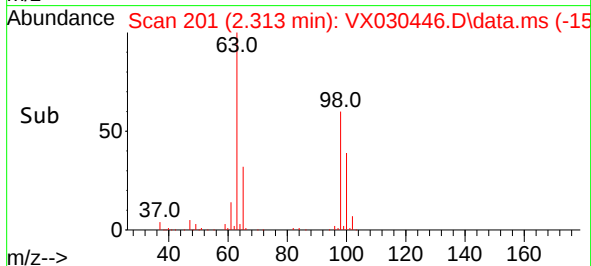
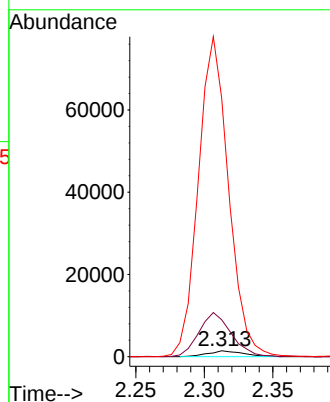
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	96	Resp:	2566
Ion	Ratio	Lower	Upper
96	100		
61	620.6	130.2	241.8#
63	4344.3	113.5	210.9#



#17

trans-1,2-Dichloroethene

Concen: 7.127 ug/L

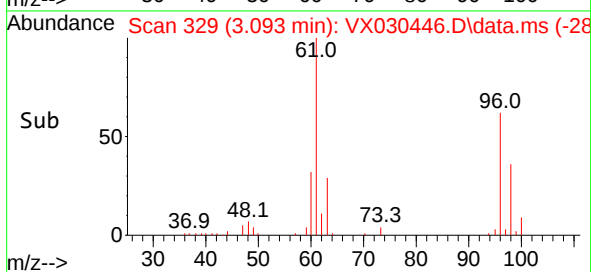
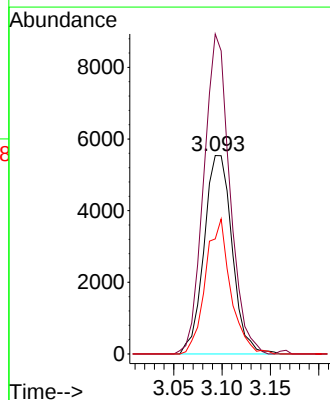
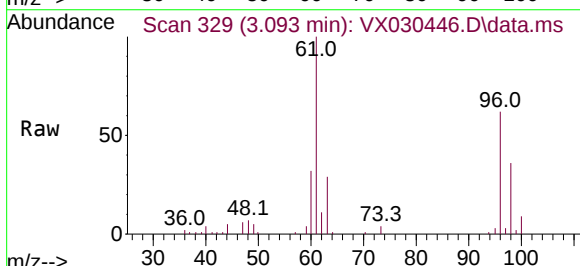
RT: 3.093 min Scan# 329

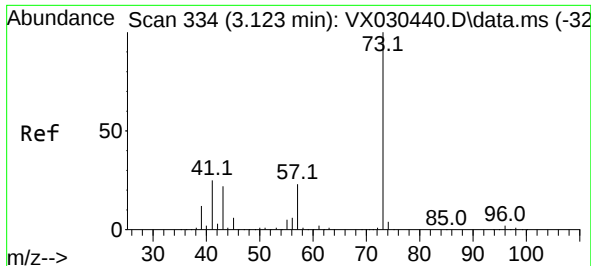
Delta R.T. -0.000 min

Lab File: VX030446.D

Acq: 05 Aug 2022 22:25

Tgt Ion:	96	Resp:	11197
Ion	Ratio	Lower	Upper
96	100		
61	161.2	103.7	192.5
98	57.9	41.5	77.1

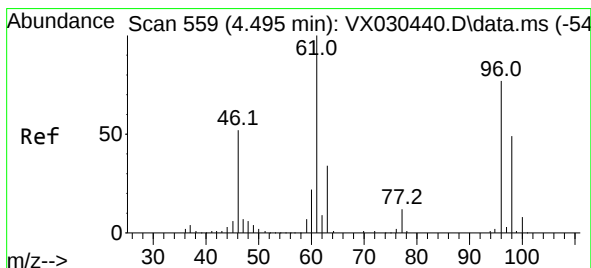
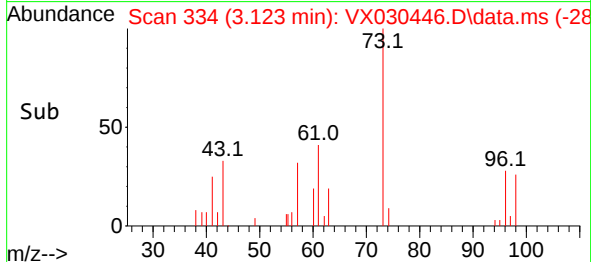
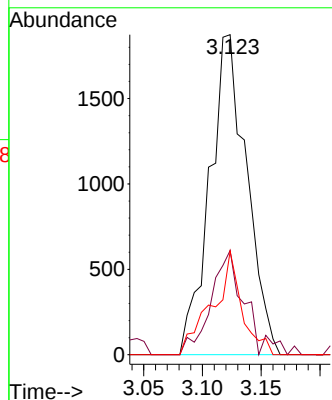
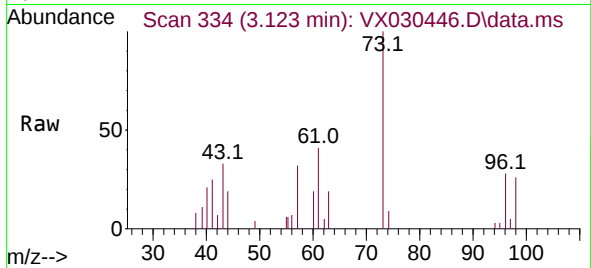




#18
Methyl tert-butyl Ether
Concen: 0.767 ug/L
RT: 3.123 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX030446.D
Acq: 05 Aug 2022 22:25

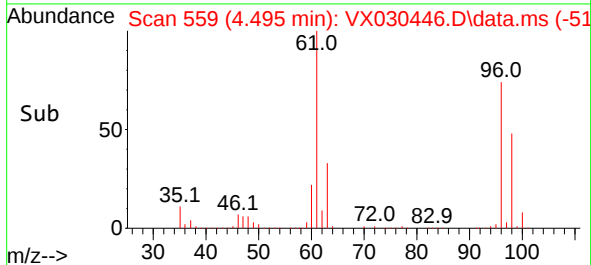
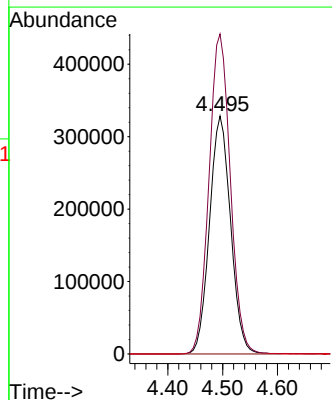
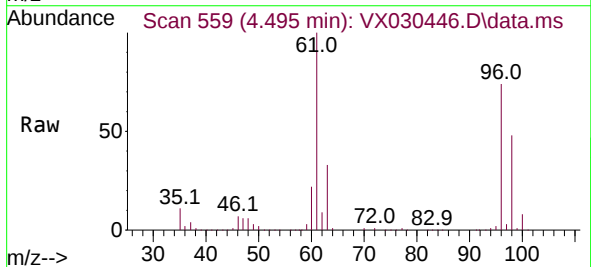
Instrument :
MSVOA_X
ClientSampleId :

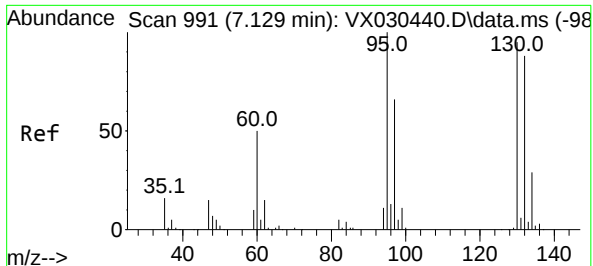
Tgt Ion: 73 Resp: 4100
Ion Ratio Lower Upper
73 100
43 24.8 17.6 26.4
57 16.2 17.5 26.3#



#20
cis-1,2-Dichloroethene
Concen: 496.096 ug/L
RT: 4.495 min Scan# 559
Delta R.T. -0.000 min
Lab File: VX030446.D
Acq: 05 Aug 2022 22:25

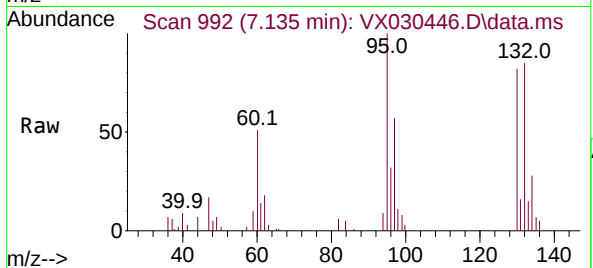
Tgt Ion: 96 Resp: 876721
Ion Ratio Lower Upper
96 100
61 134.5 94.0 174.6
68 0.0 0.0 0.0



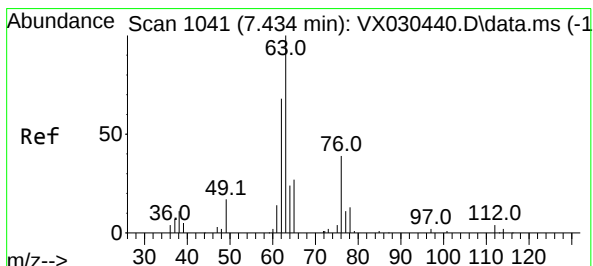
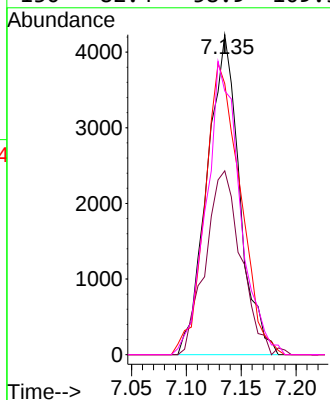
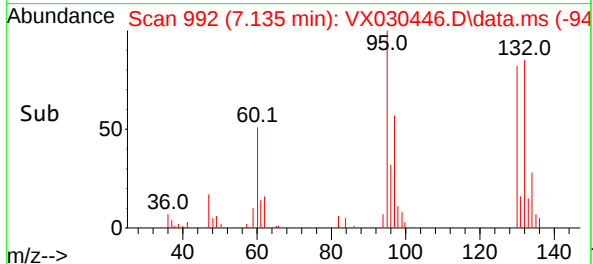


#34
Trichloroethene
Concen: 4.374 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030446.D
Acq: 05 Aug 2022 22:25

Instrument :
MSVOA_X
ClientSampleId :

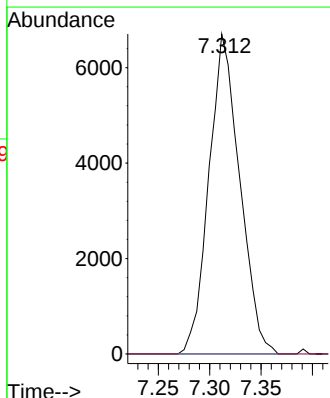
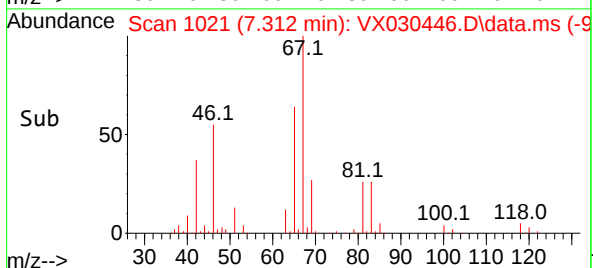
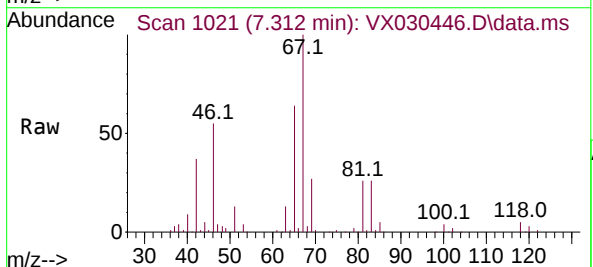


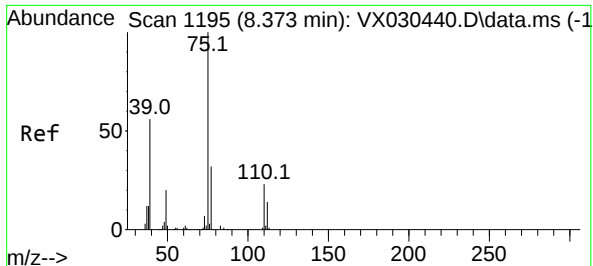
Tgt Ion:	95	Resp:	8712
Ion Ratio	100	Lower	Upper
95	100		
97	57.4	40.2	74.6
132	84.7	55.3	102.7
130	82.4	58.9	109.5



#37
1,2-Dichloropropane
Concen: 7.651 ug/L
RT: 7.312 min Scan# 1021
Delta R.T. -0.122 min
Lab File: VX030446.D
Acq: 05 Aug 2022 22:25

Tgt Ion:	63	Resp:	13991
Ion Ratio	100	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#39

cis-1,3-Dichloropropene

Concen: 1.310 ug/L

RT: 8.330 min Scan# 1195

Delta R.T. -0.043 min

Lab File: VX030446.D

Acq: 05 Aug 2022 22:25

Instrument :

MSVOA_X

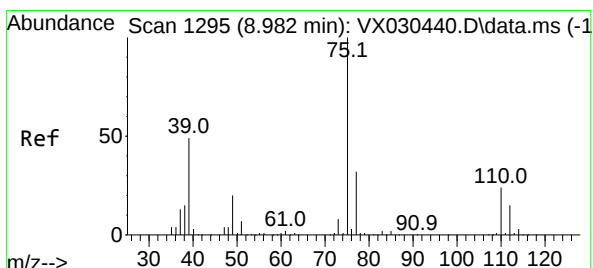
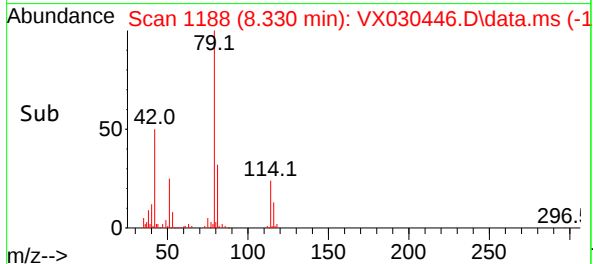
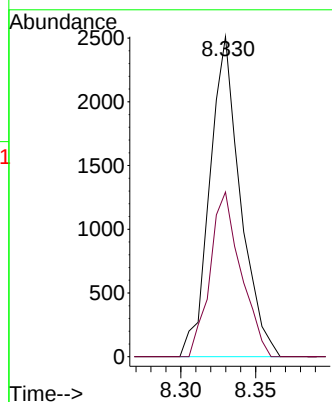
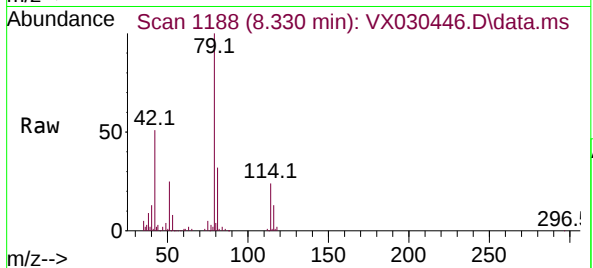
ClientSampleId :

Tgt Ion: 75 Resp: 3574

Ion Ratio Lower Upper

75 100

77 51.5 22.4 41.6#



#44

trans-1,3-Dichloropropene

Concen: 0.891 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX030446.D

Acq: 05 Aug 2022 22:25

Tgt Ion: 75 Resp: 2378

Ion Ratio Lower Upper

75 100

77 36.4 22.5 41.7

