

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040702.D
 Acq On : 18 Mar 2024 16:23
 Operator : JC/MD
 Sample : P1753-22RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 19 01:25:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

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

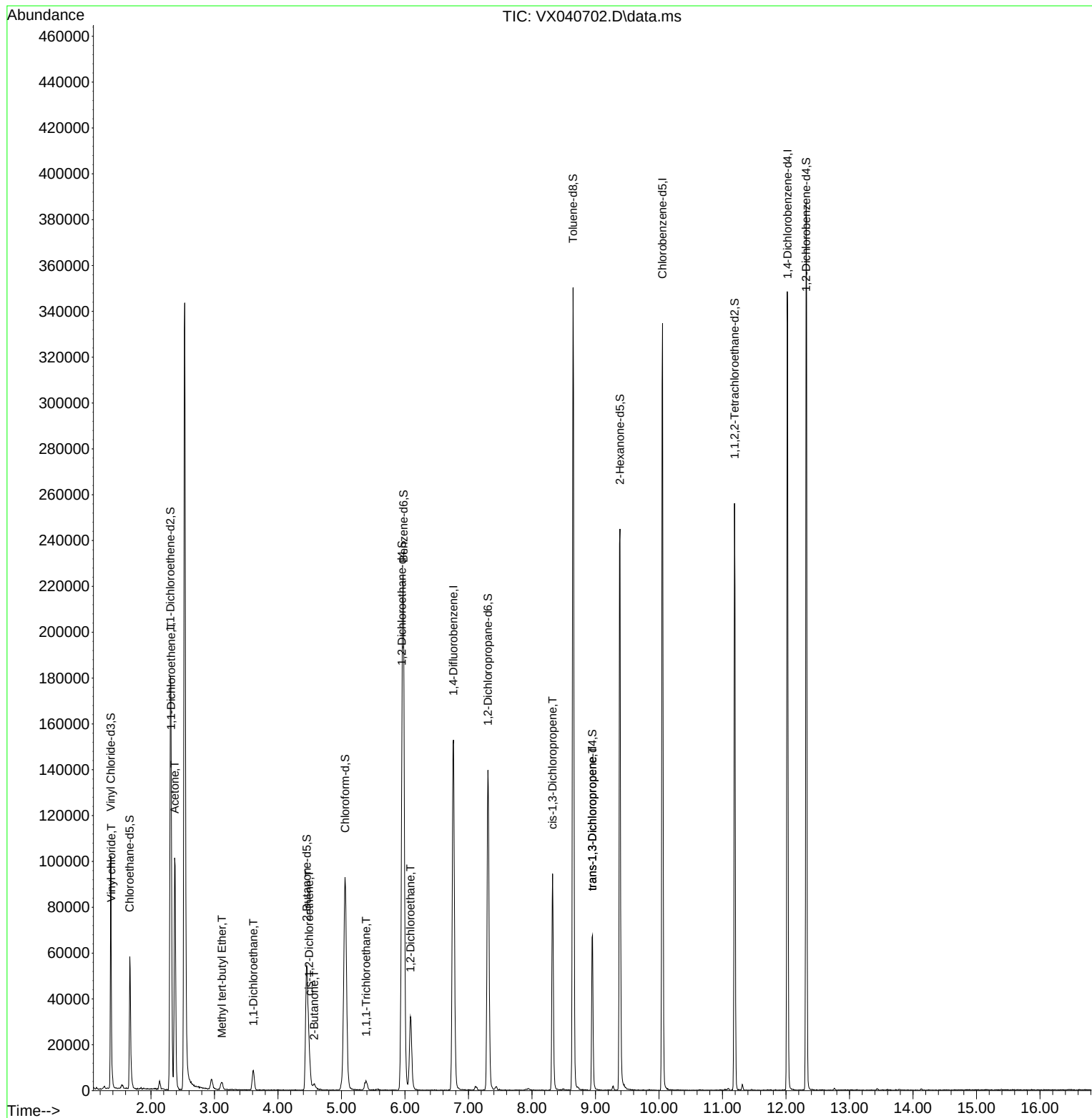
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	148419	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139959	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66944	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	62396	47.959	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.920%		
7) Chloroethane-d5	1.666	69	43311	41.698	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.400%		
11) 1,1-Dichloroethene-d2	2.307	65	27717	46.279	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.560%		
21) 2-Butanone-d5	4.453	46	93968	94.122	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.120%		
24) Chloroform-d	5.056	84	116034	48.025	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.060%		
26) 1,2-Dichloroethane-d4	5.952	65	85976	47.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
32) Benzene-d6	5.977	84	214354	49.920	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.840%		
36) 1,2-Dichloropropane-d6	7.306	67	67800	50.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.900%		
41) Toluene-d8	8.647	98	198127	47.879	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.760%		
43) trans-1,3-Dichloroprop...	8.952	79	32930	46.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.980%		
47) 2-Hexanone-d5	9.385	63	66023	89.913	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.910%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94336	47.346	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.700%		
66) 1,2-Dichlorobenzene-d4	12.317	152	72337	51.592	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.180%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	2167	1.739	ug/L #	52
12) 1,1-Dichloroethene	2.319	96	19250	21.278	ug/L #	43
13) Acetone	2.374	43	108543	152.247	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	3364	1.047	ug/L #	72
19) 1,1-Dichloroethane	3.611	63	9313	5.161	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	6539	6.279	ug/L	98
22) 2-Butanone	4.568	43	3955	4.189	ug/L	96
27) 1,2-Dichloroethane	6.086	62	36985	20.666	ug/L #	96
30) 1,1,1-Trichloroethane	5.385	97	3516	2.017	ug/L #	47
39) cis-1,3-Dichloropropene	8.324	75	2605	1.554	ug/L #	74
44) trans-1,3-Dichloropropene	8.952	75	1685	1.032	ug/L	83

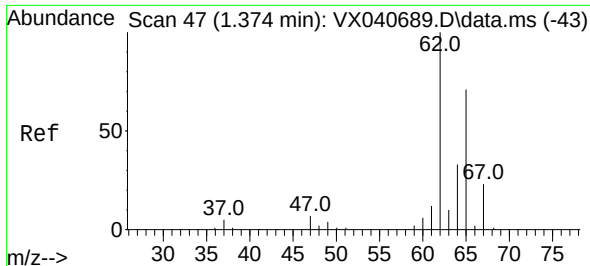
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 19 01:22:22 2024
Response via : Initial Calibration

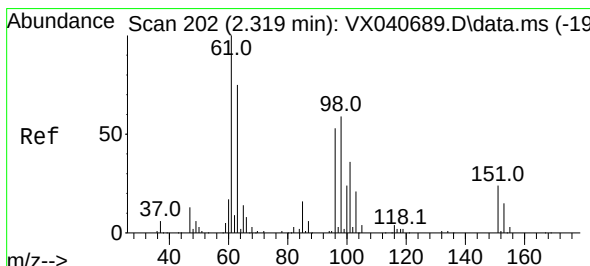
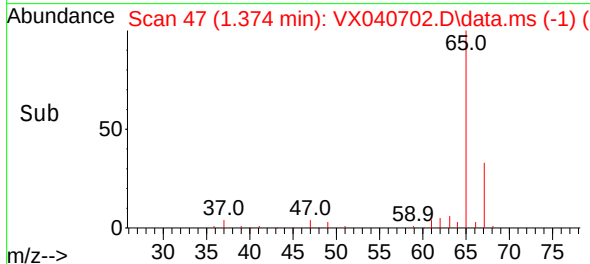
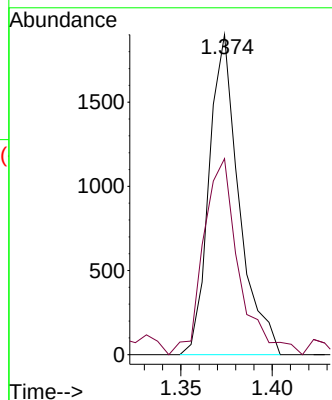
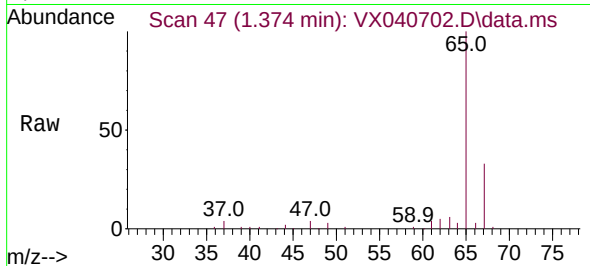




#5
 Vinyl chloride
 Concen: 1.739 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX040702.D
 Acq: 18 Mar 2024 16:23

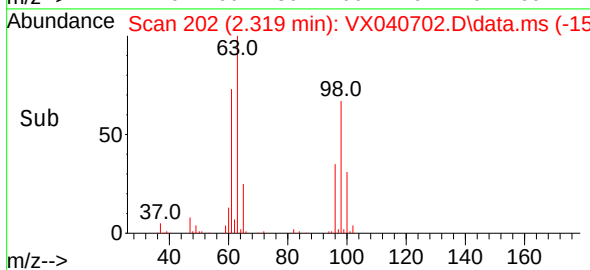
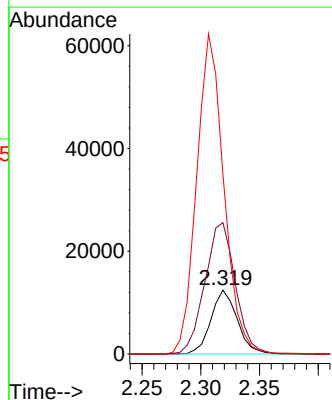
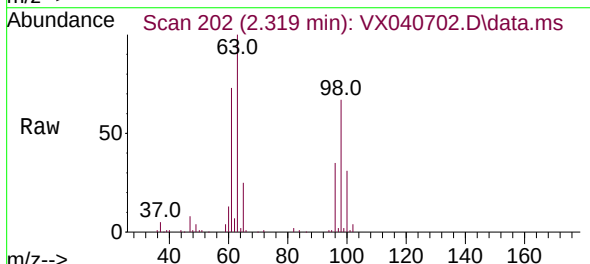
Instrument :
 MSVOA_X
 ClientSampleId :

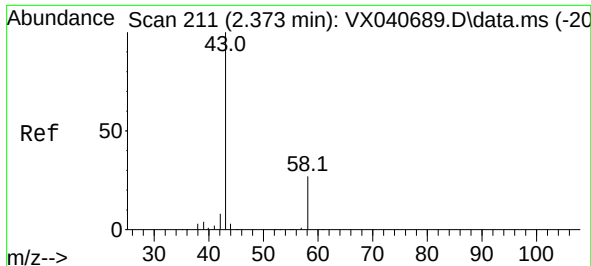
Tgt Ion: 62 Resp: 2167
 Ion Ratio Lower Upper
 62 100
 64 61.2 23.8 44.2#



#12
 1,1-Dichloroethene
 Concen: 21.278 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX040702.D
 Acq: 18 Mar 2024 16:23

Tgt Ion: 96 Resp: 19250
 Ion Ratio Lower Upper
 96 100
 61 206.0 134.8 250.4
 63 281.9 92.5 171.9#





#13

Acetone

Concen: 152.247 ug/L

RT: 2.374 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX040702.D

Acq: 18 Mar 2024 16:23

Instrument :

MSVOA_X

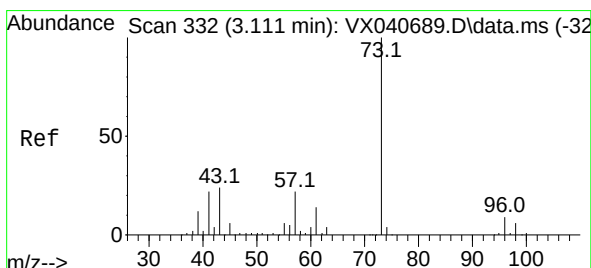
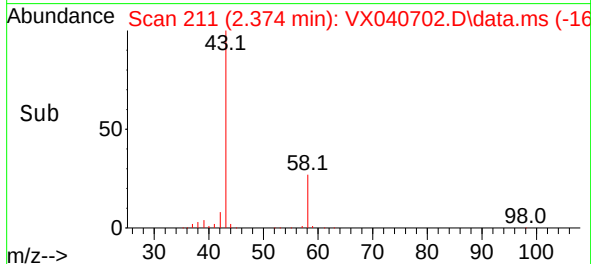
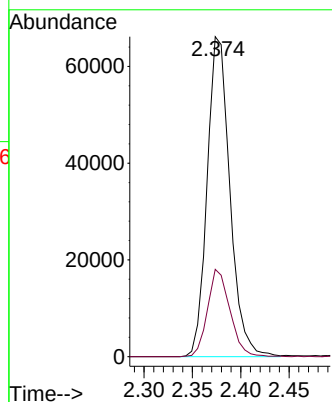
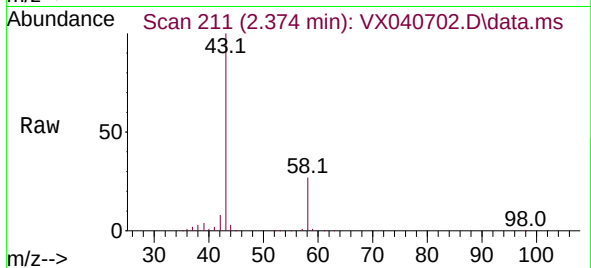
ClientSampleId :

Tgt Ion: 43 Resp: 108543

Ion Ratio Lower Upper

43 100

58 26.9 0.0 54.6



#18

Methyl tert-butyl Ether

Concen: 1.047 ug/L

RT: 3.117 min Scan# 333

Delta R.T. 0.006 min

Lab File: VX040702.D

Acq: 18 Mar 2024 16:23

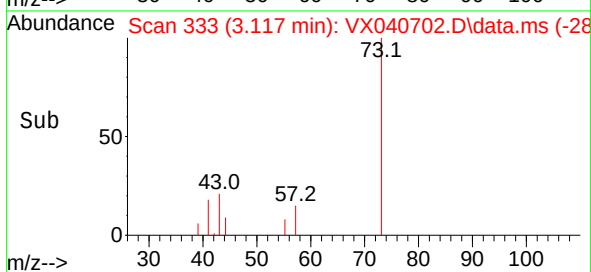
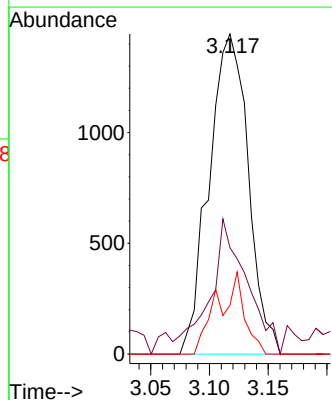
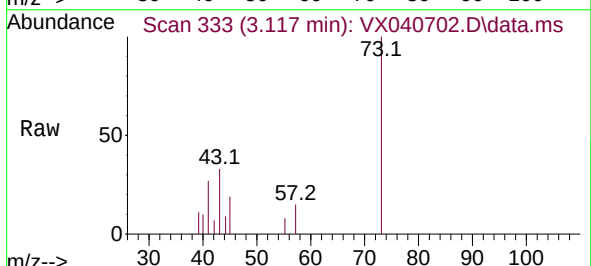
Tgt Ion: 73 Resp: 3364

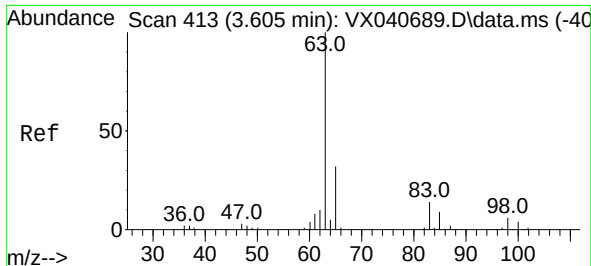
Ion Ratio Lower Upper

73 100

43 39.7 19.3 28.9#

57 9.7 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 5.161 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040702.D

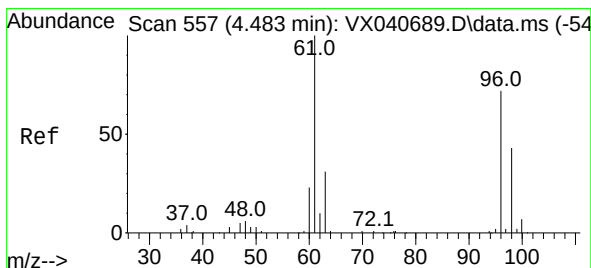
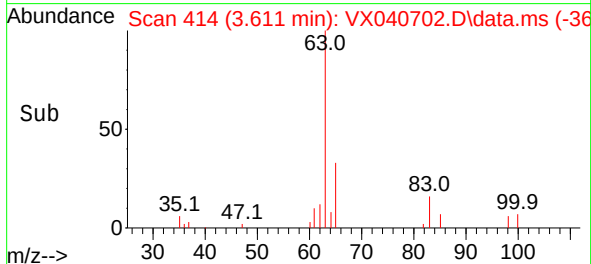
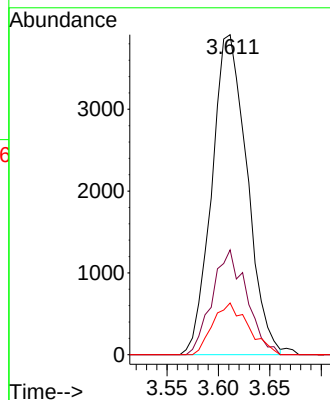
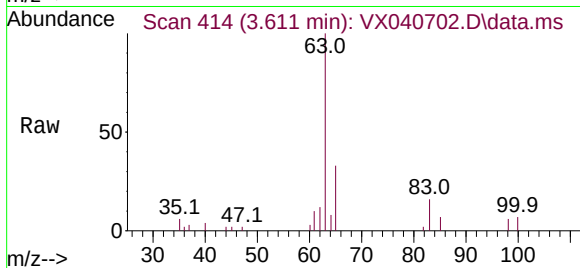
Acq: 18 Mar 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	63	Resp:	9313
Ion Ratio	Lower	Upper	
63	100		
65	32.7	23.1	42.9
83	16.2	9.9	18.5



#20

cis-1,2-Dichloroethene

Concen: 6.279 ug/L

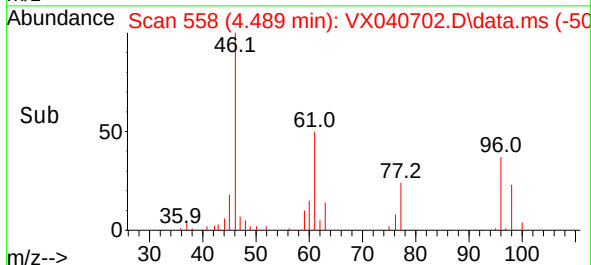
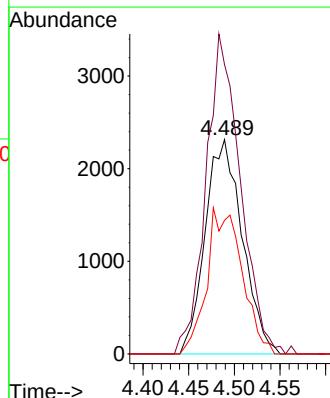
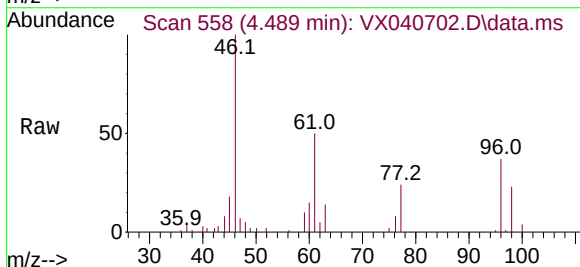
RT: 4.489 min Scan# 558

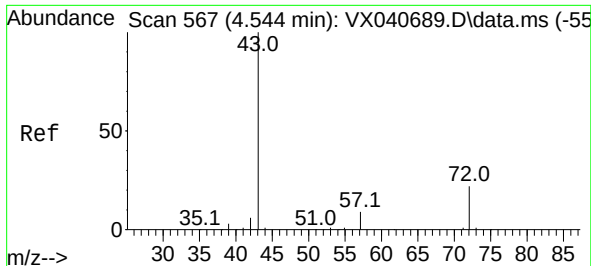
Delta R.T. 0.006 min

Lab File: VX040702.D

Acq: 18 Mar 2024 16:23

Tgt Ion:	96	Resp:	6539
Ion Ratio	Lower	Upper	
96	100		
61	135.0	93.0	172.8
98	62.3	42.4	78.6

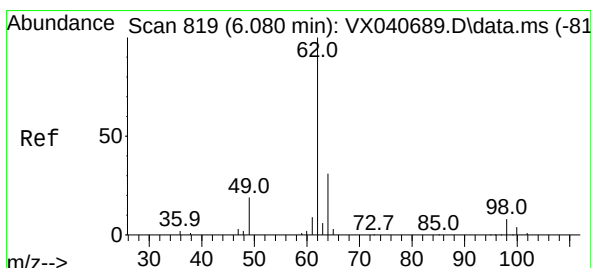
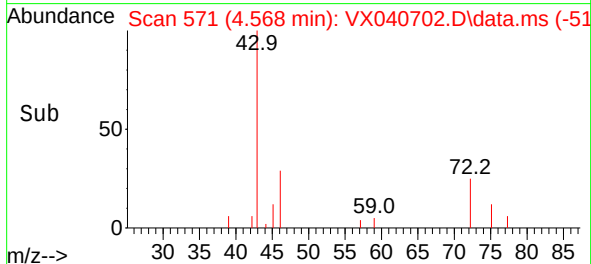
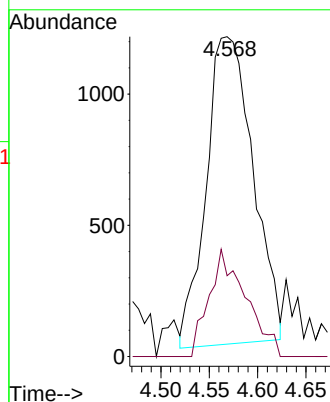
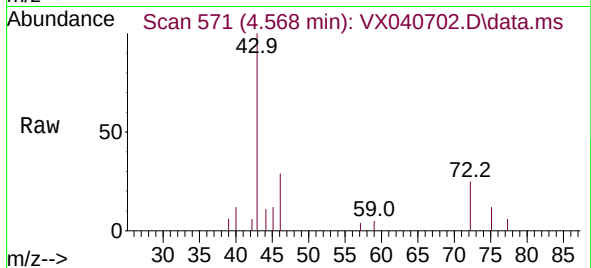




#22
2-Butanone
Concen: 4.189 ug/L
RT: 4.568 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX040702.D
Acq: 18 Mar 2024 16:23

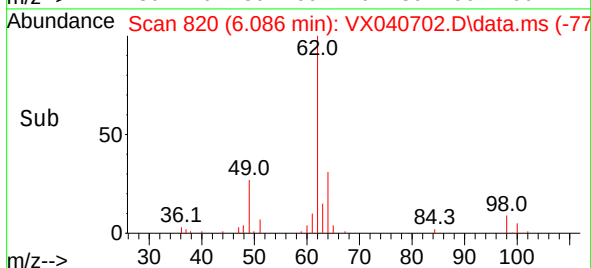
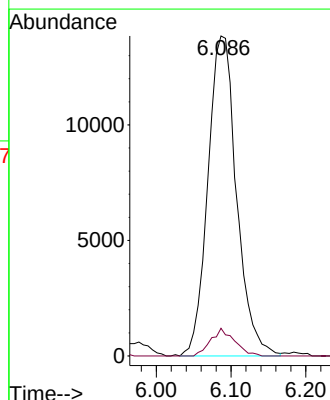
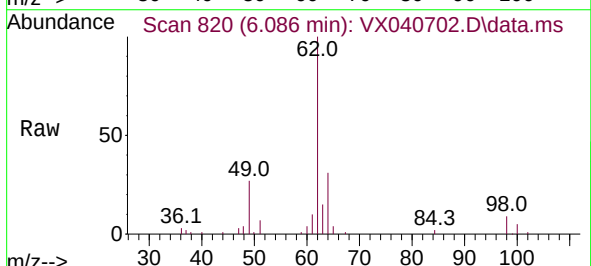
Instrument :
MSVOA_X
ClientSampleId :

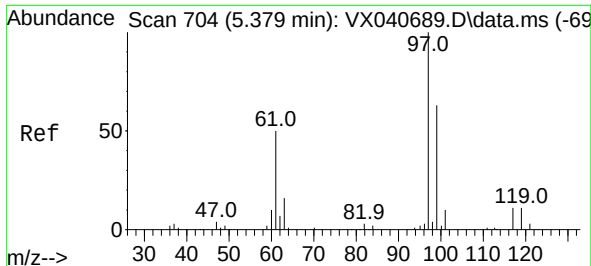
Tgt Ion: 43 Resp: 3955
Ion Ratio Lower Upper
43 100
72 26.7 12.4 37.2



#27
1,2-Dichloroethane
Concen: 20.666 ug/L
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX040702.D
Acq: 18 Mar 2024 16:23

Tgt Ion: 62 Resp: 36985
Ion Ratio Lower Upper
62 100
98 8.6 5.8 8.6#





#30

1,1,1-Trichloroethane

Concen: 2.017 ug/L

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040702.D

Acq: 18 Mar 2024 16:23

Instrument :

MSVOA_X

ClientSampleId :

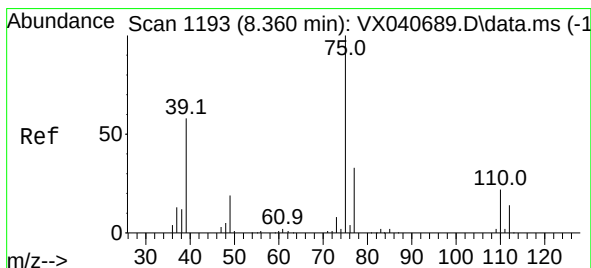
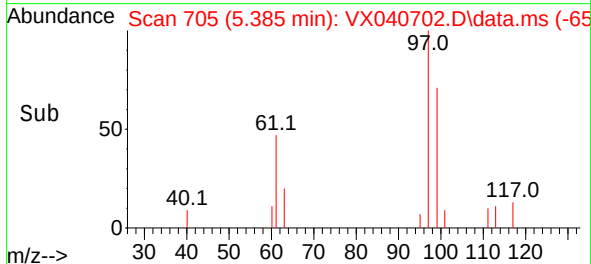
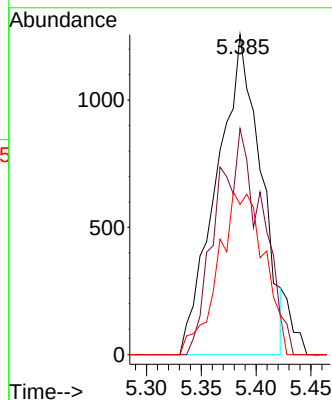
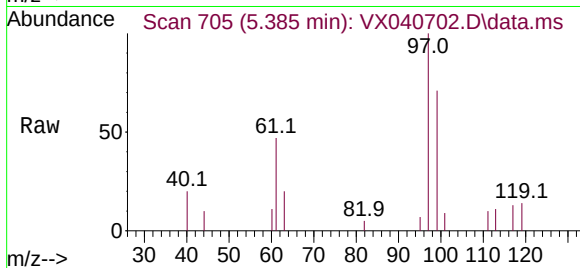
Tgt Ion: 97 Resp: 3516

Ion Ratio Lower Upper

97 100

99 9.2 52.1 78.1#

61 28.5 38.3 57.5#



#39

cis-1,3-Dichloropropene

Concen: 1.554 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.036 min

Lab File: VX040702.D

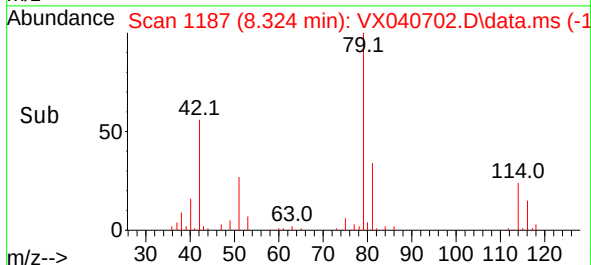
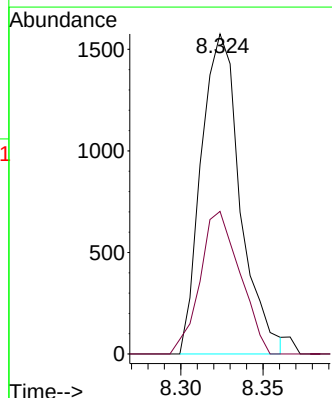
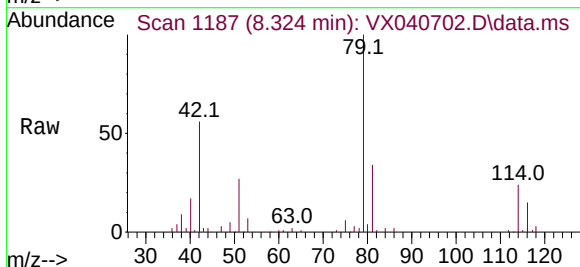
Acq: 18 Mar 2024 16:23

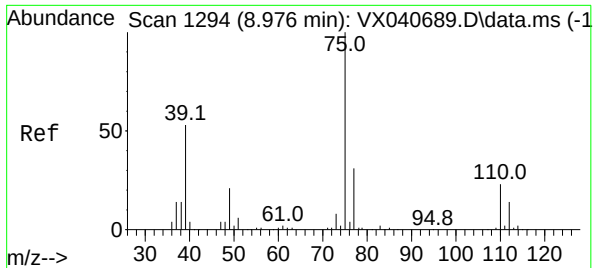
Tgt Ion: 75 Resp: 2605

Ion Ratio Lower Upper

75 100

77 44.5 21.1 39.3#





#44
trans-1,3-Dichloropropene
Concen: 1.032 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX040702.D
Acq: 18 Mar 2024 16:23

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 1685
Ion Ratio Lower Upper
75 100
77 41.0 22.1 41.1

