

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040680.D
 Acq On : 16 Mar 2024 01:56
 Operator : JC/MD
 Sample : P1754-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 16 05:56:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

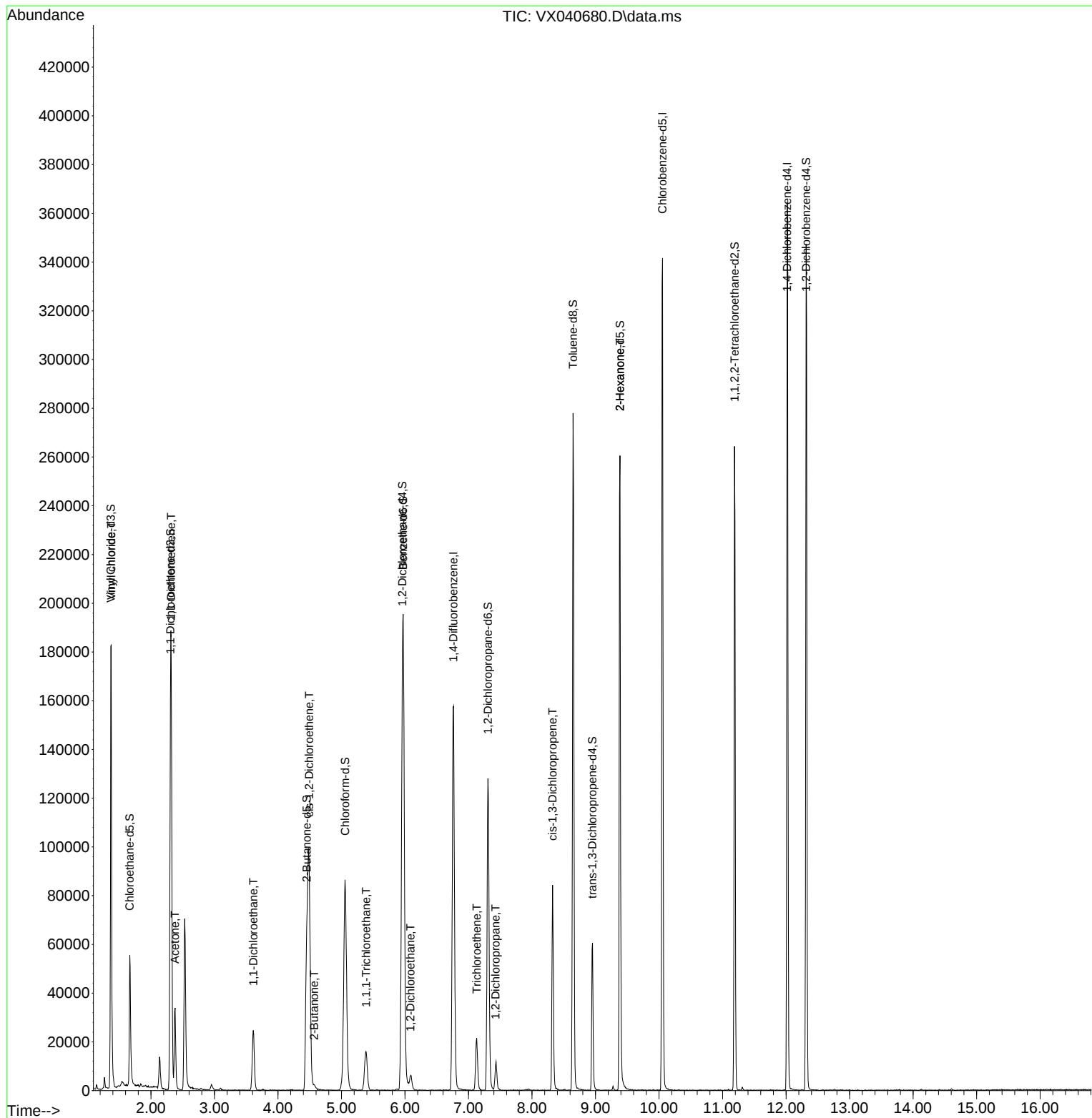
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	151590	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	143572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	70480	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	41675	31.363	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.720%
7) Chloroethane-d5	1.666	69	40867	38.522	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.040%
11) 1,1-Dichloroethene-d2	2.306	65	19497	31.873	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.740%
21) 2-Butanone-d5	4.452	46	99266	97.348	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.350%
24) Chloroform-d	5.056	84	107172	43.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
26) 1,2-Dichloroethane-d4	5.958	65	81333	44.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.300%
32) Benzene-d6	5.970	84	178505	40.525	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.060%
36) 1,2-Dichloropropane-d6	7.305	67	60192	44.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.180%
41) Toluene-d8	8.647	98	154322	36.355	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.700%#
43) trans-1,3-Dichloroprop...	8.951	79	28329	38.990	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.980%
47) 2-Hexanone-d5	9.384	63	69792	92.654	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.650%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95589	46.767	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.540%
66) 1,2-Dichlorobenzene-d4	12.317	152	64387	43.618	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.240%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	91081	71.579	ug/L	96
12) 1,1-Dichloroethene	2.319	96	37250	40.313	ug/L	99
13) Acetone	2.380	43	35307	48.487	ug/L	98
19) 1,1-Dichloroethane	3.611	63	26420	14.334	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	50080	47.082	ug/L	93
22) 2-Butanone	4.568	43	3309	3.432	ug/L	86
27) 1,2-Dichloroethane	6.086	62	3762	2.058	ug/L #	94
30) 1,1,1-Trichloroethane	5.385	97	14943	8.357	ug/L	96
34) Trichloroethene	7.129	95	8167	7.173	ug/L	99
37) 1,2-Dichloropropane	7.427	63	4233	4.146	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2259	1.314	ug/L #	72
48) 2-Hexanone	9.384	43	10182	7.020	ug/L #	73

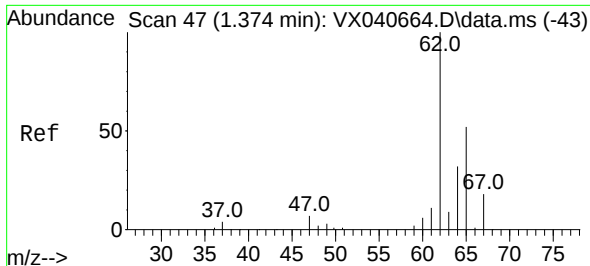
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 16 05:02:38 2024
Response via : Initial Calibration

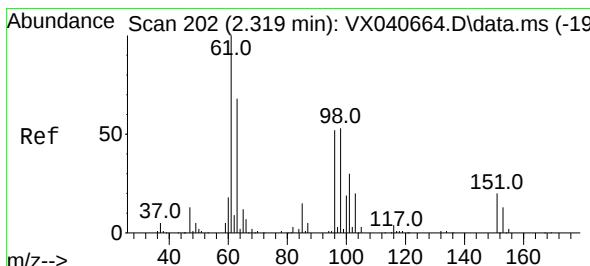
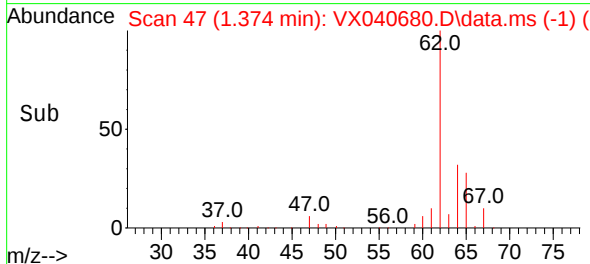
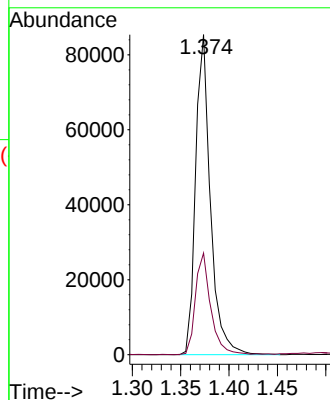
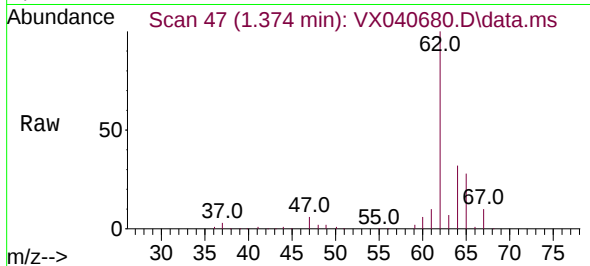




#5
 Vinyl chloride
 Concen: 71.579 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

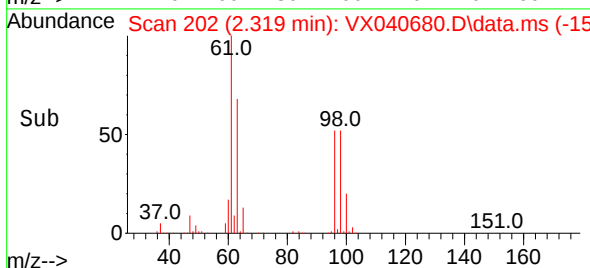
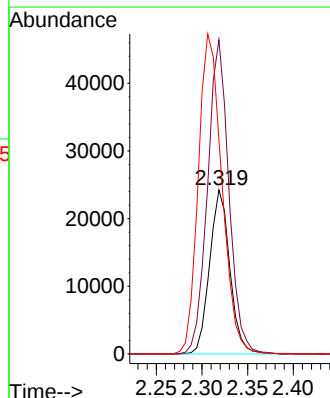
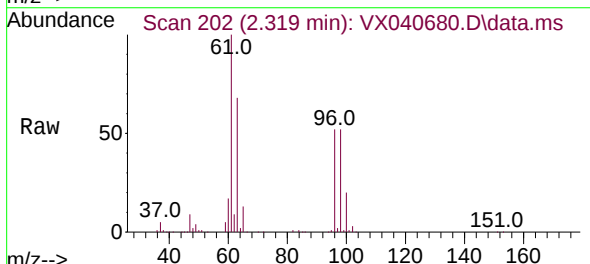
Instrument :
 MSVOA_X
 ClientSampleId :

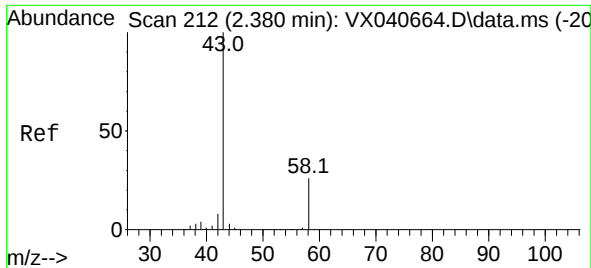
Tgt Ion: 62 Resp: 91081
 Ion Ratio Lower Upper
 62 100
 64 31.7 23.8 44.2



#12
 1,1-Dichloroethene
 Concen: 40.313 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

Tgt Ion: 96 Resp: 37250
 Ion Ratio Lower Upper
 96 100
 61 191.6 134.8 250.4
 63 130.9 92.5 171.9





#13

Acetone

Concen: 48.487 ug/L

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

Instrument :

MSVOA_X

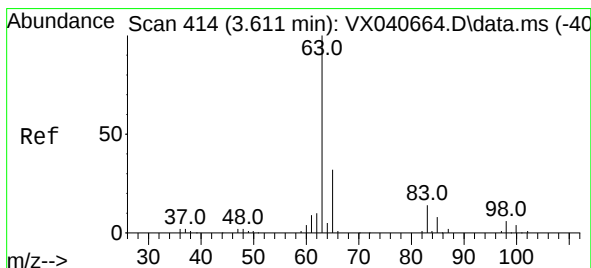
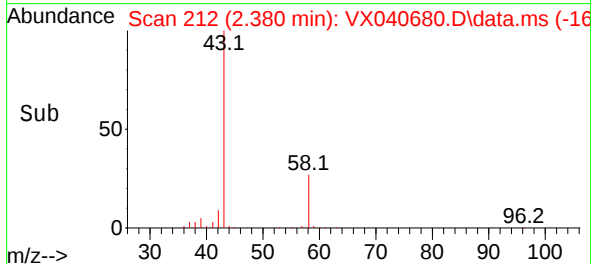
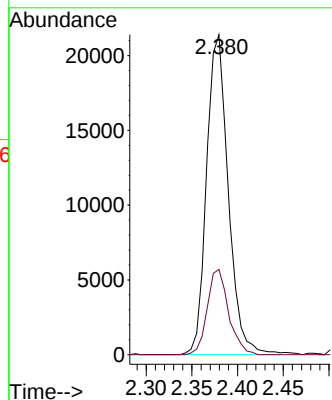
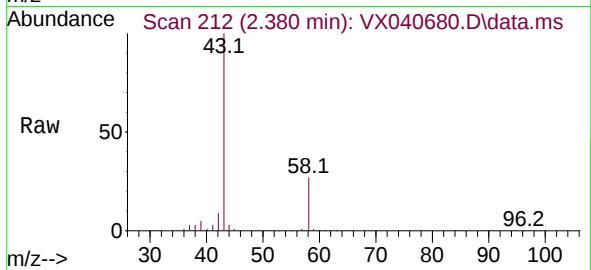
ClientSampleId :

Tgt Ion: 43 Resp: 35307

Ion Ratio Lower Upper

43 100

58 26.1 0.0 54.6



#19

1,1-Dichloroethane

Concen: 14.334 ug/L

RT: 3.611 min Scan# 414

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

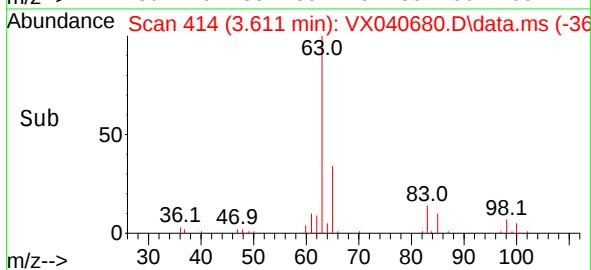
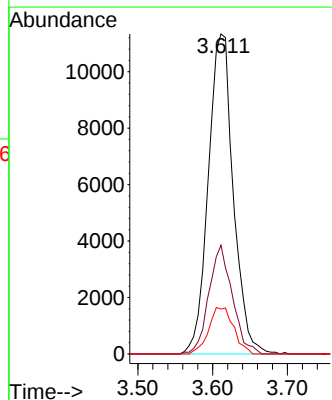
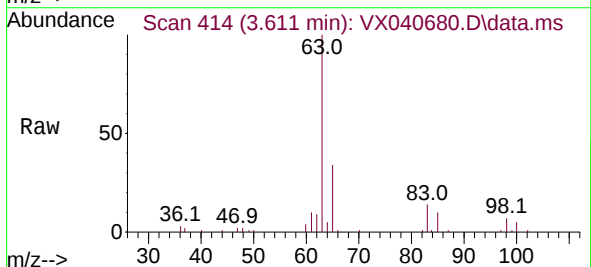
Tgt Ion: 63 Resp: 26420

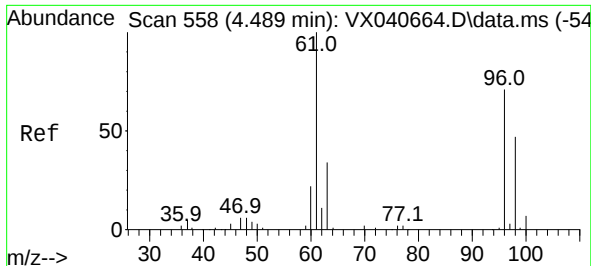
Ion Ratio Lower Upper

63 100

65 34.0 23.1 42.9

83 14.1 9.9 18.5





#20

cis-1,2-Dichloroethene

Concen: 47.082 ug/L

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

Instrument :

MSVOA_X

ClientSampleId :

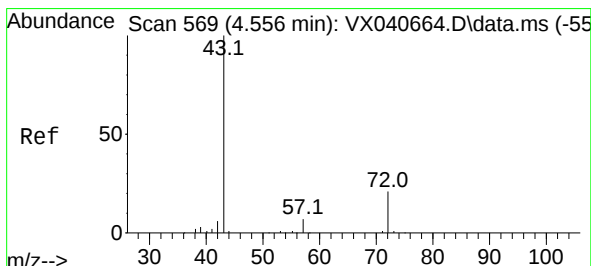
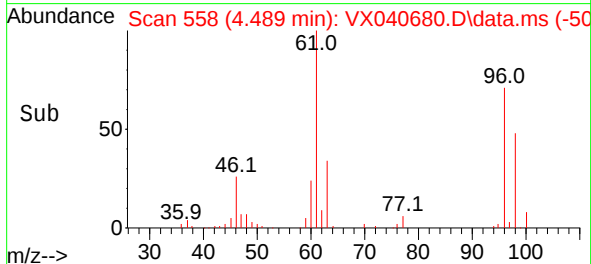
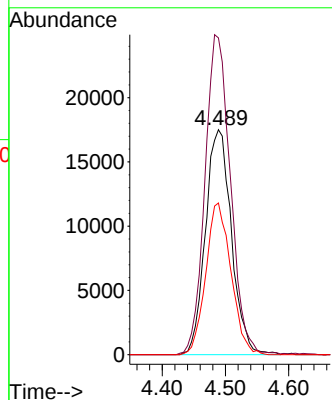
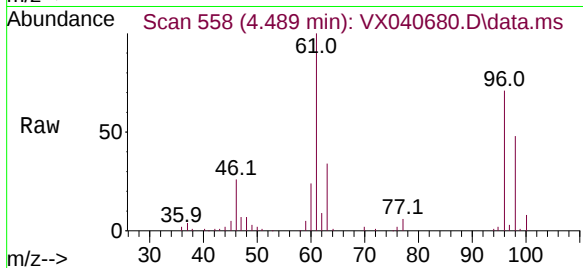
Tgt Ion: 96 Resp: 50080

Ion Ratio Lower Upper

96 100

61 140.8 93.0 172.8

98 67.4 42.4 78.6



#22

2-Butanone

Concen: 3.432 ug/L

RT: 4.568 min Scan# 571

Delta R.T. 0.012 min

Lab File: VX040680.D

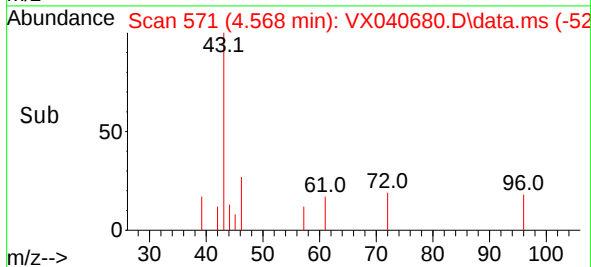
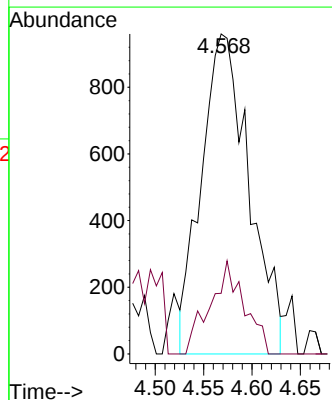
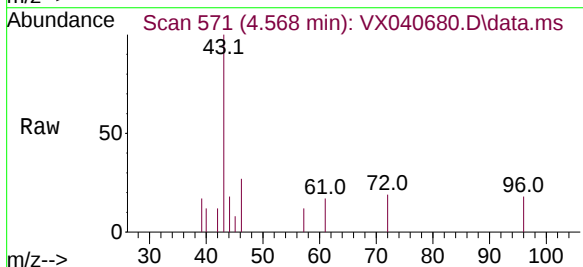
Acq: 16 Mar 2024 01:56

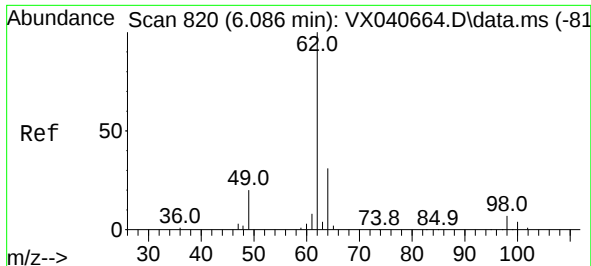
Tgt Ion: 43 Resp: 3309

Ion Ratio Lower Upper

43 100

72 17.6 12.4 37.2





#27

1,2-Dichloroethane

Concen: 2.058 ug/L

RT: 6.086 min Scan# 81

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

Instrument :

MSVOA_X

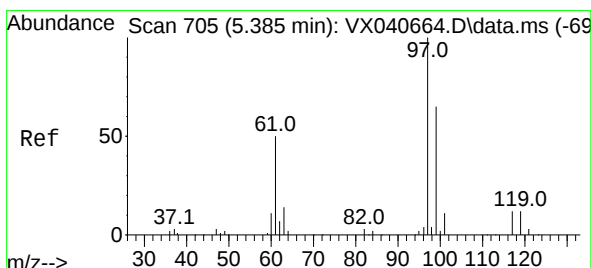
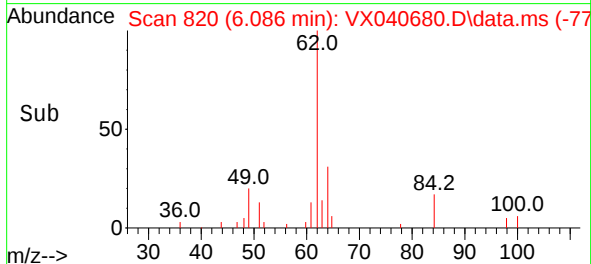
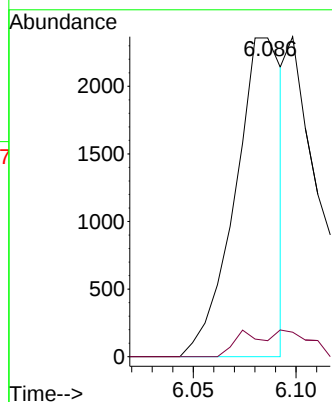
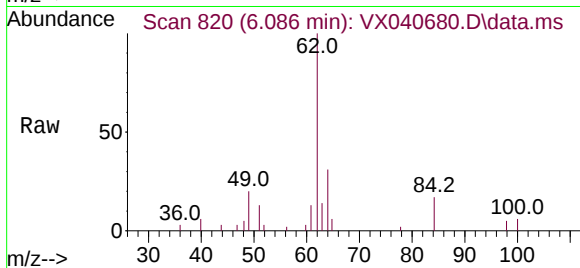
ClientSampleId :

Tgt Ion: 62 Resp: 3762

Ion Ratio Lower Upper

62 100

98 5.0 5.8 8.6#



#30

1,1,1-Trichloroethane

Concen: 8.357 ug/L

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX040680.D

Acq: 16 Mar 2024 01:56

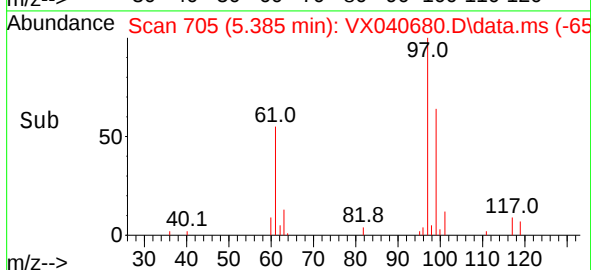
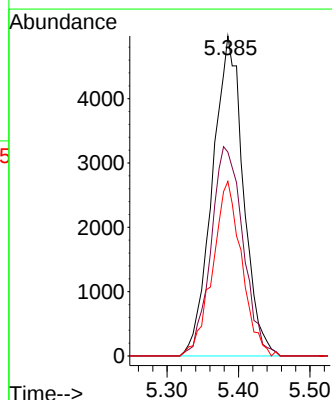
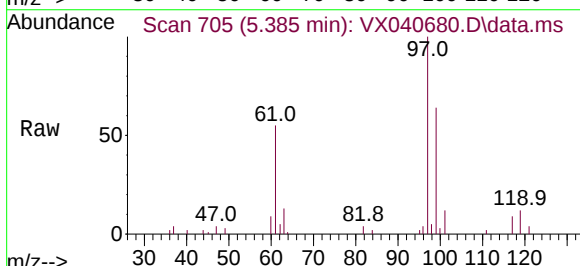
Tgt Ion: 97 Resp: 14943

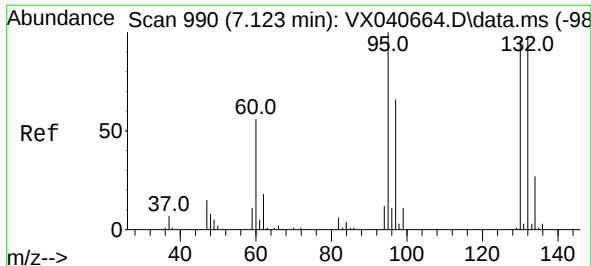
Ion Ratio Lower Upper

97 100

99 67.7 52.1 78.1

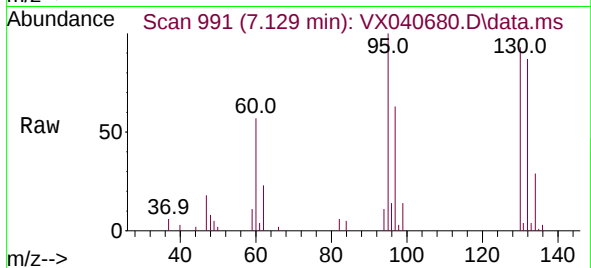
61 51.2 38.3 57.5



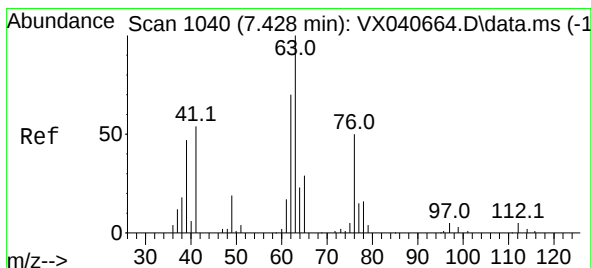
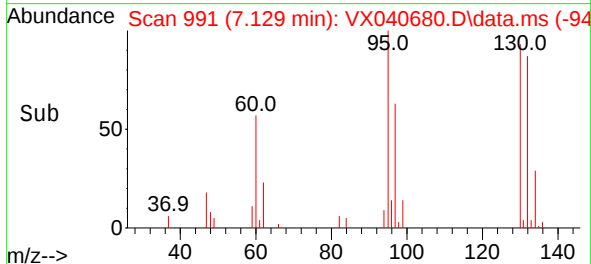
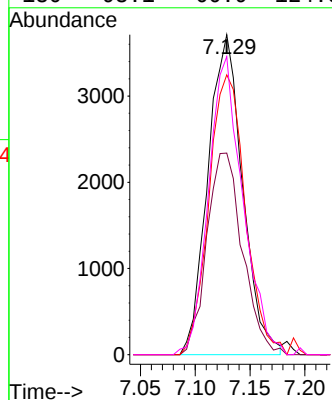


#34
Trichloroethene
Concen: 7.173 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX040680.D
Acq: 16 Mar 2024 01:56

Instrument :
MSVOA_X
ClientSampleId :

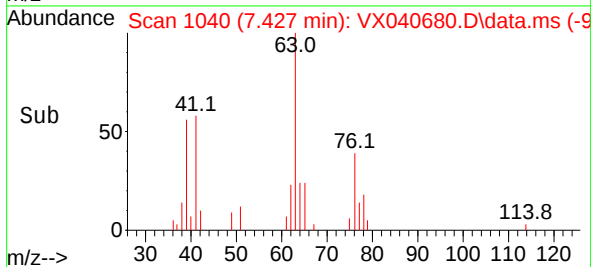
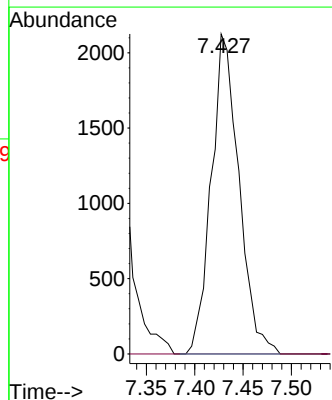
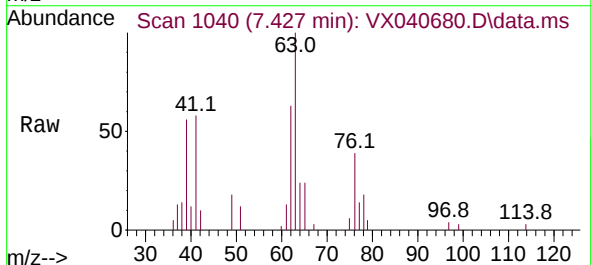


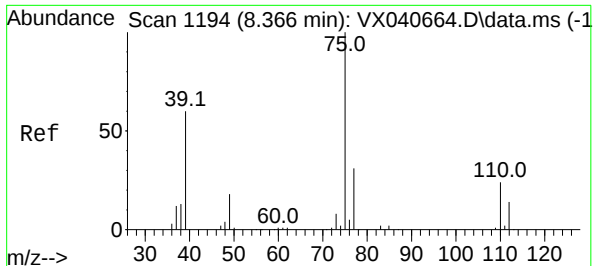
Tgt Ion: 95 Resp: 8167
Ion Ratio Lower Upper
95 100
97 63.0 44.7 83.1
132 87.5 61.5 114.3
130 93.1 66.9 124.3



#37
1,2-Dichloropropane
Concen: 4.146 ug/L
RT: 7.427 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VX040680.D
Acq: 16 Mar 2024 01:56

Tgt Ion: 63 Resp: 4233
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

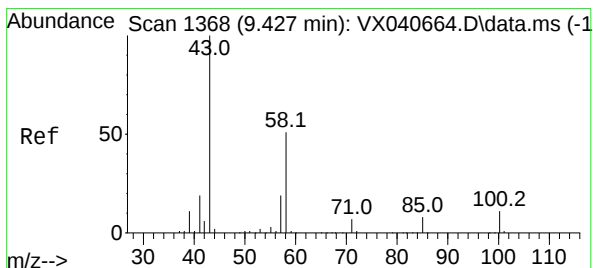
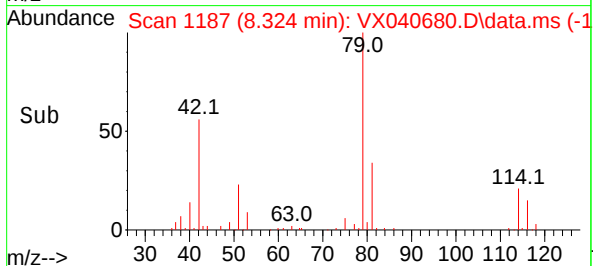
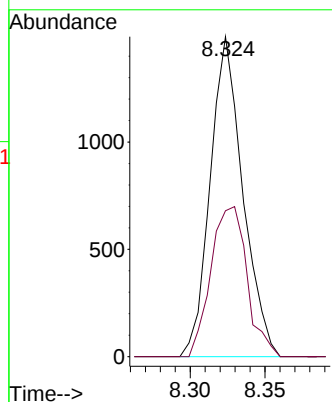
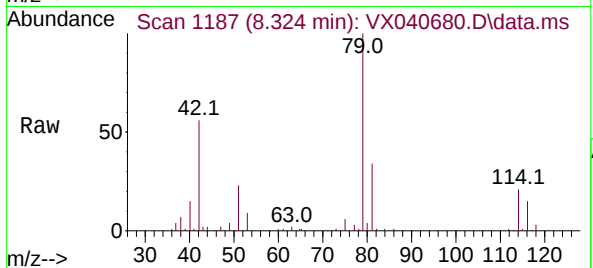




#39
 cis-1,3-Dichloropropene
 Concen: 1.314 ug/L
 RT: 8.324 min Scan# 1194
 Delta R.T. -0.043 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 2259
 Ion Ratio Lower Upper
 75 100
 77 45.6 21.1 39.3#



#48
 2-Hexanone
 Concen: 7.020 ug/L
 RT: 9.384 min Scan# 1361
 Delta R.T. -0.043 min
 Lab File: VX040680.D
 Acq: 16 Mar 2024 01:56

Tgt Ion: 43 Resp: 10182
 Ion Ratio Lower Upper
 43 100
 58 28.7 41.0 61.6#
 57 22.7 14.8 22.2#
 100 0.0 8.3 12.5#

