

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040651.D
 Acq On : 15 Mar 2024 14:06
 Operator : JC/MD
 Sample : P1753-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

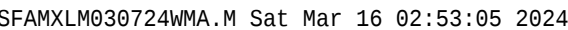
Quant Time: Mar 16 02:52:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

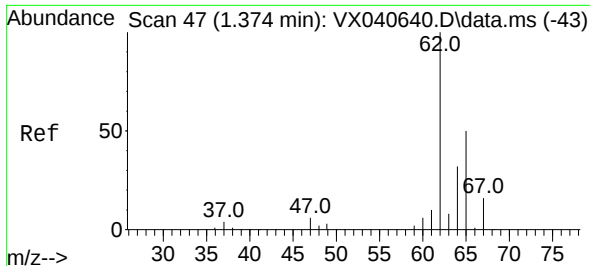
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	147209	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	140601	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	69012	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48930	37.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.840%
7) Chloroethane-d5	1.673	69	44079	42.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.580%
11) 1,1-Dichloroethene-d2	2.307	65	23150	38.972	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.940%
21) 2-Butanone-d5	4.452	46	93822	94.748	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.750%
24) Chloroform-d	5.056	84	112360	46.887	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.780%
26) 1,2-Dichloroethane-d4	5.952	65	83629	46.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
32) Benzene-d6	5.977	84	192960	44.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.460%
36) 1,2-Dichloropropane-d6	7.306	67	62122	46.467	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.940%
41) Toluene-d8	8.647	98	172506	41.497	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.952	79	31356	44.068	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.140%
47) 2-Hexanone-d5	9.385	63	68710	93.145	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.150%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95210	47.566	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	66710	46.153	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.300%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	12826	10.380	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	3235	3.172	ug/L #	69
12) 1,1-Dichloroethene	2.319	96	375275	418.224	ug/L #	74
13) Acetone	2.380	43	14640	20.703	ug/L	100
19) 1,1-Dichloroethane	3.611	63	42561	23.779	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	41914	40.577	ug/L	98
27) 1,2-Dichloroethane	6.086	62	41135	23.174	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	52537	30.001	ug/L	99
33) Benzene	6.038	78	6345	1.680	ug/L	100
34) Trichloroethene	7.123	95	24869	22.304	ug/L	95
35) Methylcyclohexane	7.306	83	15690	9.629	ug/L #	18
37) 1,2-Dichloropropane	7.434	63	2488	2.488	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2512	1.492	ug/L #	80
44) trans-1,3-Dichloropropene	8.952	75	1700	1.037	ug/L	85

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

Quant Time: Mar 16 02:52:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 16 01:57:16 2024
Response via : Initial Calibration

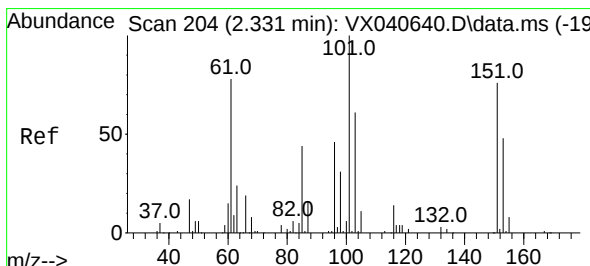
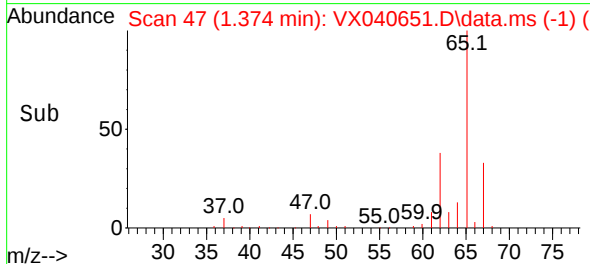
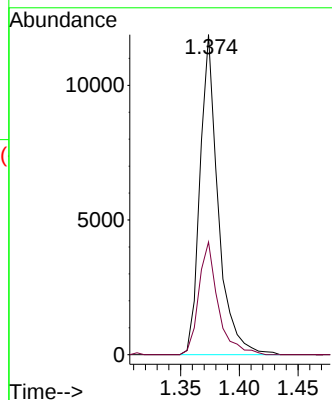
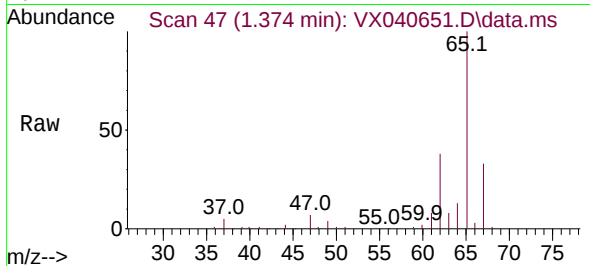




#5
 Vinyl chloride
 Concen: 10.380 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040651.D
 Acq: 15 Mar 2024 14:06

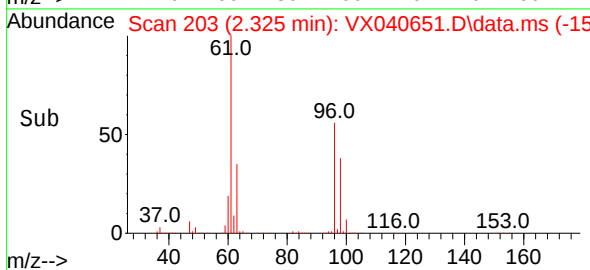
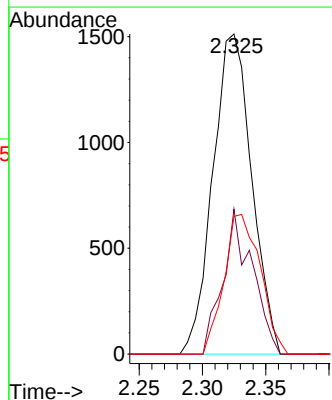
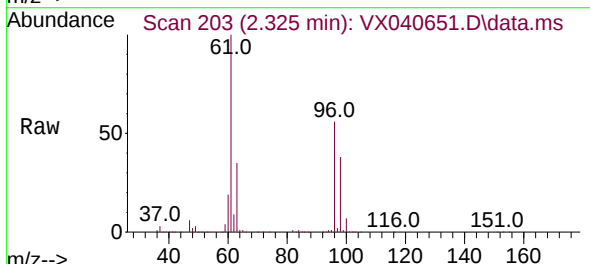
Instrument :
 MSVOA_X
 ClientSampleId :

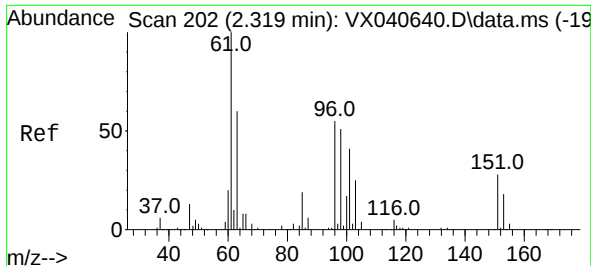
Tgt Ion: 62 Resp: 12826
 Ion Ratio Lower Upper
 62 100
 64 35.2 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.172 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX040651.D
 Acq: 15 Mar 2024 14:06

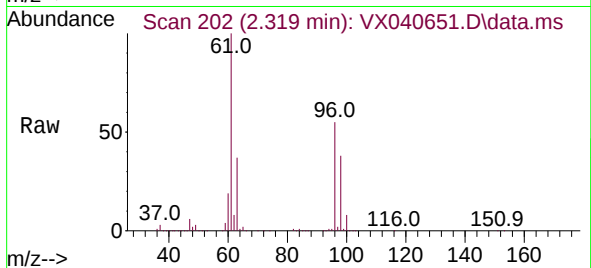
Tgt Ion: 101 Resp: 3235
 Ion Ratio Lower Upper
 101 100
 85 34.3 38.3 57.5#
 151 40.6 57.7 86.5#



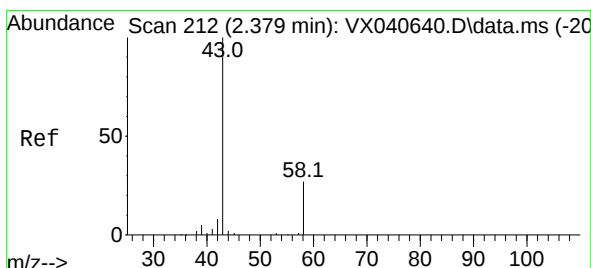
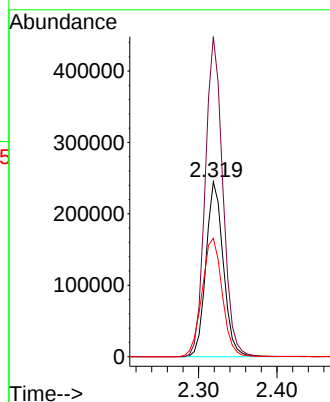
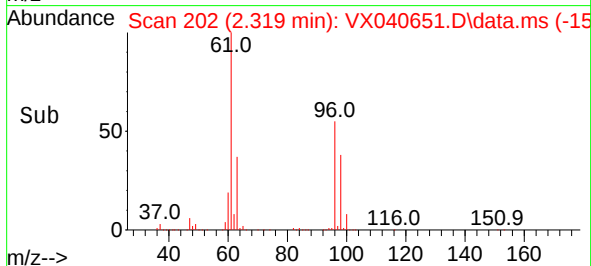


#12
1,1-Dichloroethene
Concen: 418.224 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX040651.D
Acq: 15 Mar 2024 14:06

Instrument :
MSVOA_X
ClientSampleId :

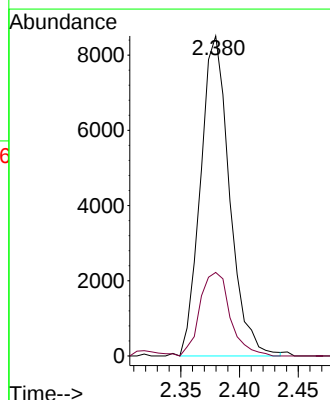
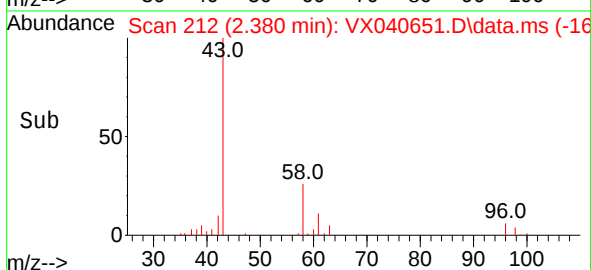
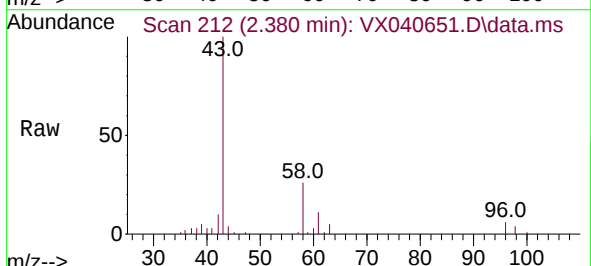


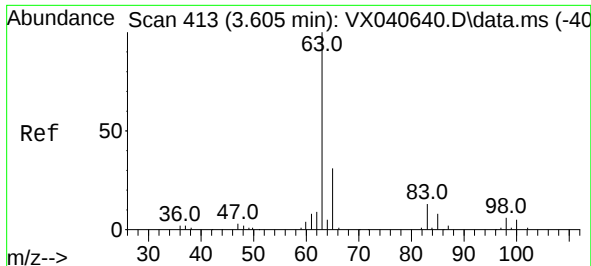
Tgt Ion: 96 Resp: 375275
Ion Ratio Lower Upper
96 100
61 183.0 134.8 250.4
63 67.7 92.5 171.9#



#13
Acetone
Concen: 20.703 ug/L
RT: 2.380 min Scan# 212
Delta R.T. 0.001 min
Lab File: VX040651.D
Acq: 15 Mar 2024 14:06

Tgt Ion: 43 Resp: 14640
Ion Ratio Lower Upper
43 100
58 27.2 0.0 54.6





#19

1,1-Dichloroethane

Concen: 23.779 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

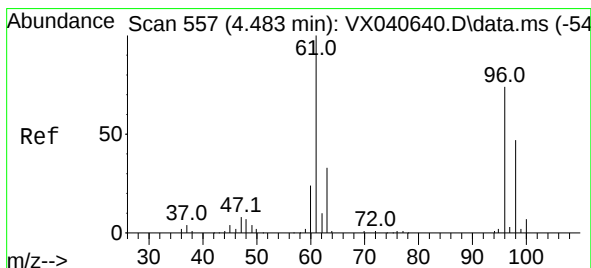
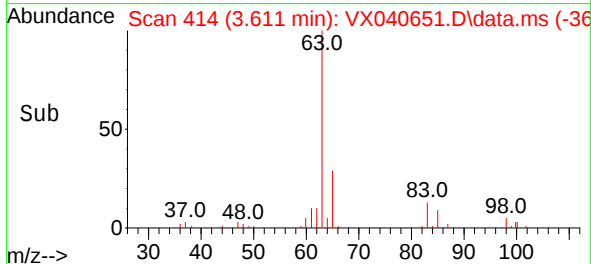
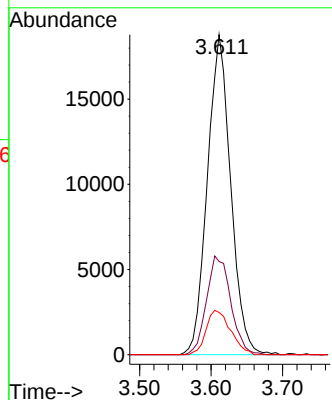
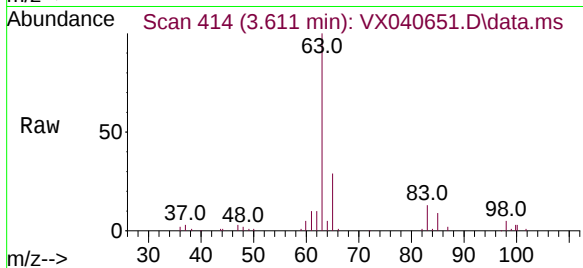
Tgt Ion: 63 Resp: 42561

Ion Ratio Lower Upper

63 100

65 29.1 23.1 42.9

83 13.2 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 40.577 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

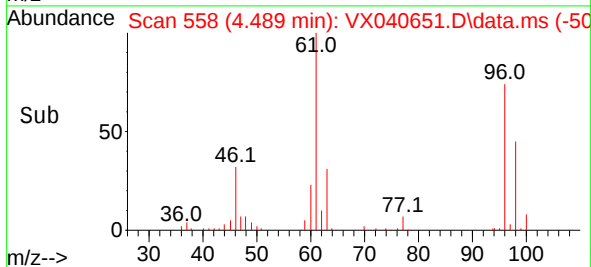
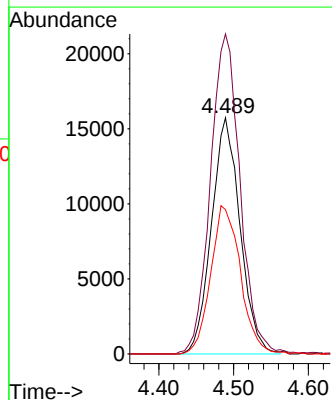
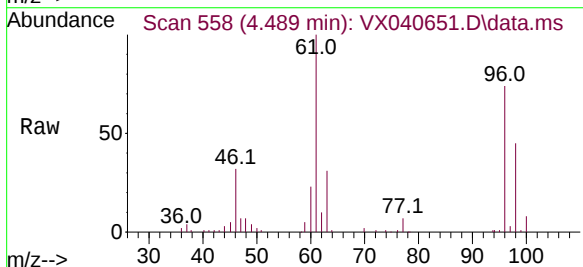
Tgt Ion: 96 Resp: 41914

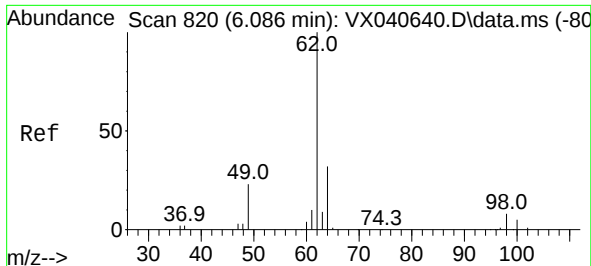
Ion Ratio Lower Upper

96 100

61 135.5 93.0 172.8

98 61.1 42.4 78.6





#27

1,2-Dichloroethane

Concen: 23.174 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Instrument :

MSVOA_X

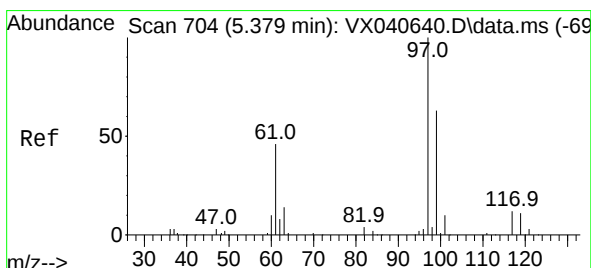
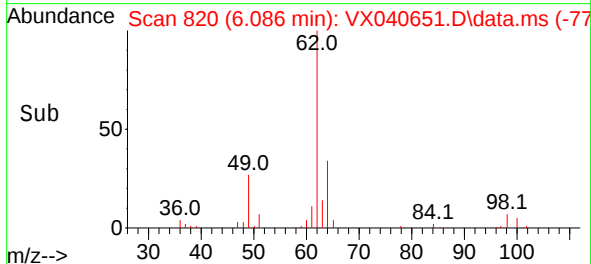
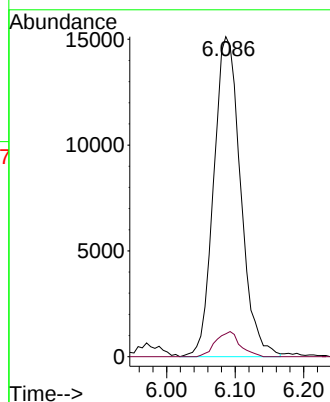
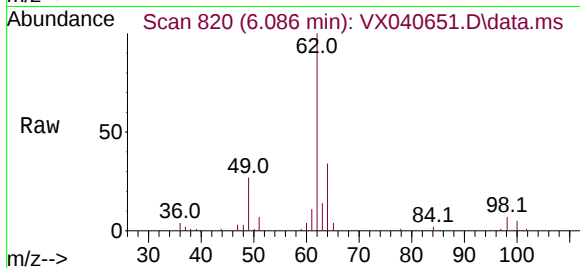
ClientSampleId :

Tgt Ion: 62 Resp: 41135

Ion Ratio Lower Upper

62 100

98 7.1 5.8 8.6



#30

1,1,1-Trichloroethane

Concen: 30.001 ug/L

RT: 5.385 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

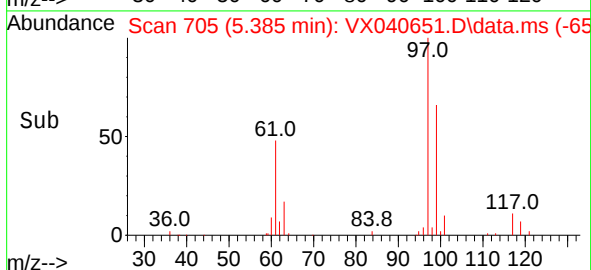
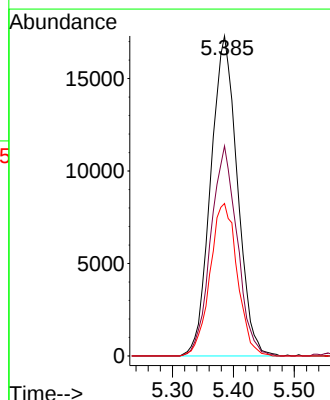
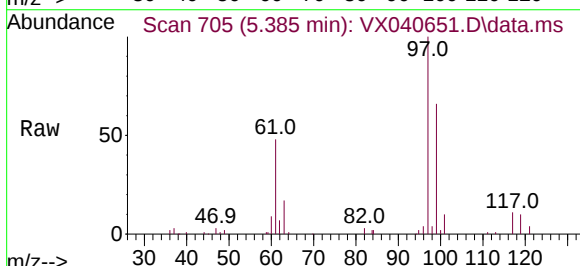
Tgt Ion: 97 Resp: 52537

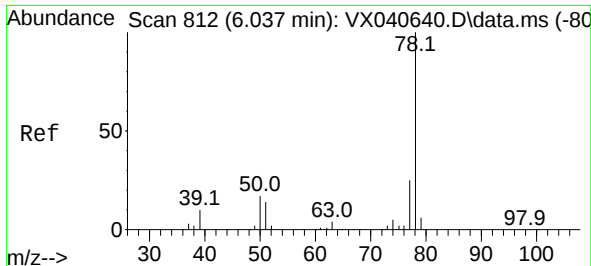
Ion Ratio Lower Upper

97 100

99 65.2 52.1 78.1

61 48.7 38.3 57.5





#33

Benzene

Concen: 1.680 ug/L

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX040651.D

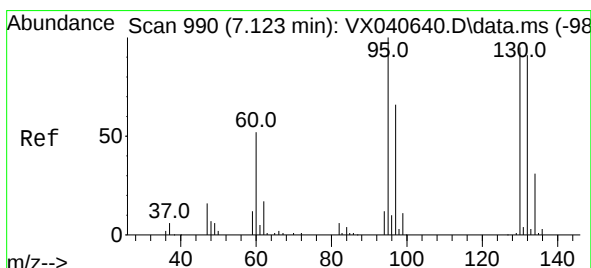
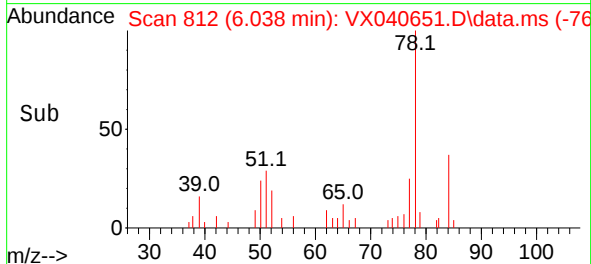
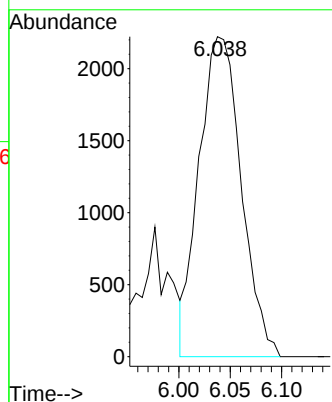
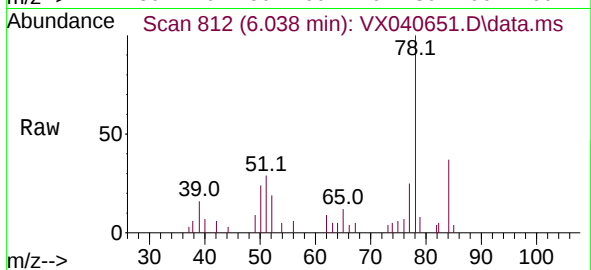
Acq: 15 Mar 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 78 Resp: 6345



#34

Trichloroethene

Concen: 22.304 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Tgt Ion: 95 Resp: 24869

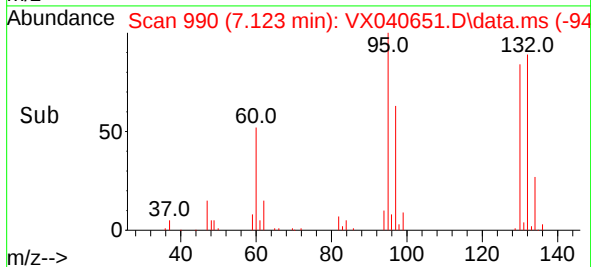
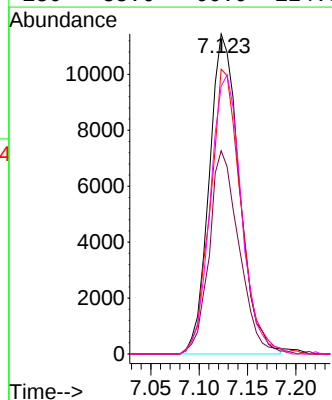
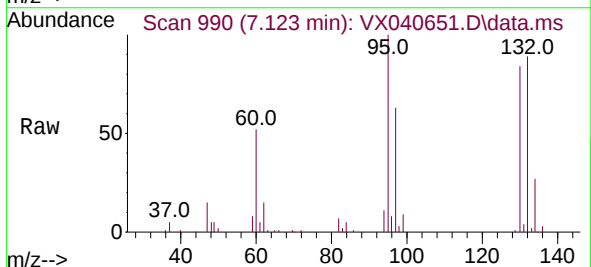
Ion Ratio Lower Upper

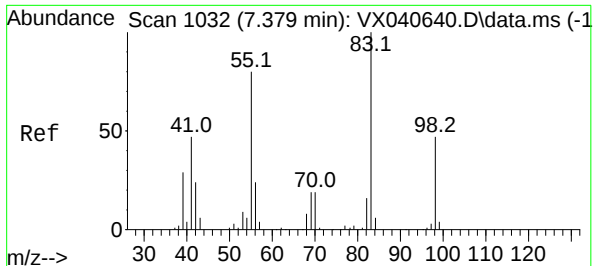
95 100

97 63.5 44.7 83.1

132 89.0 61.5 114.3

130 83.6 66.9 124.3





#35

Methylcyclohexane

Concen: 9.629 ug/L

RT: 7.306 min Scan# 10

Delta R.T. -0.073 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Instrument :

MSVOA_X

ClientSampleId :

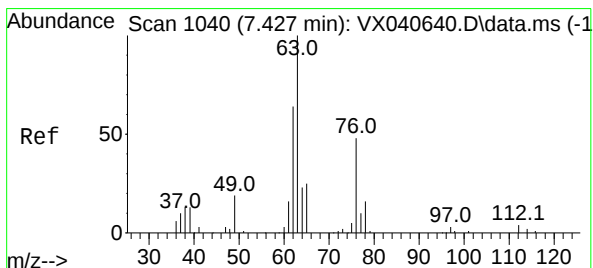
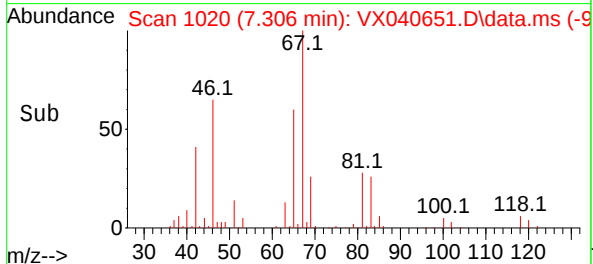
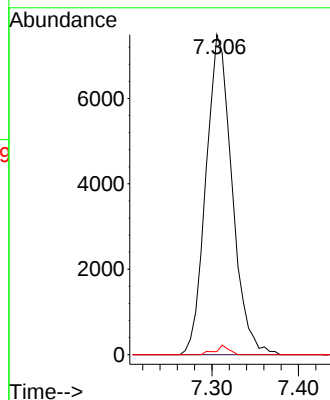
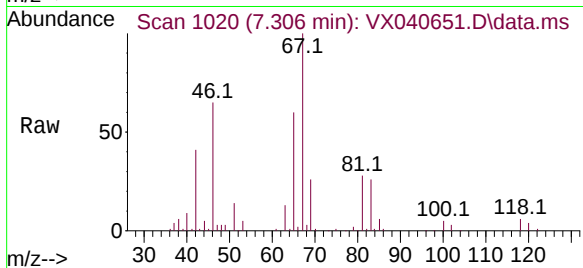
Tgt Ion: 83 Resp: 15690

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

98 1.0 37.4 56.2#



#37

1,2-Dichloropropane

Concen: 2.488 ug/L

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX040651.D

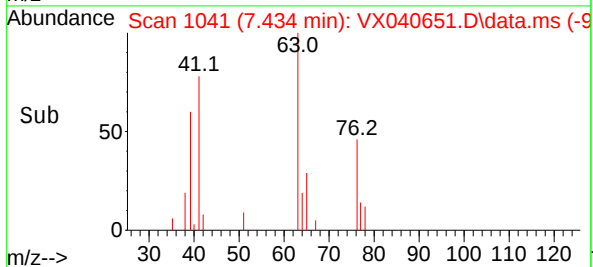
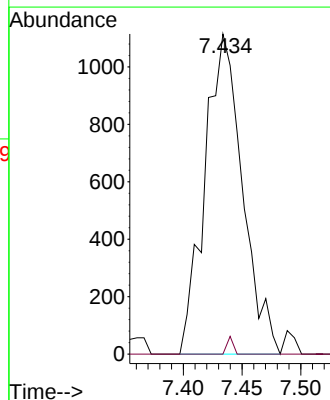
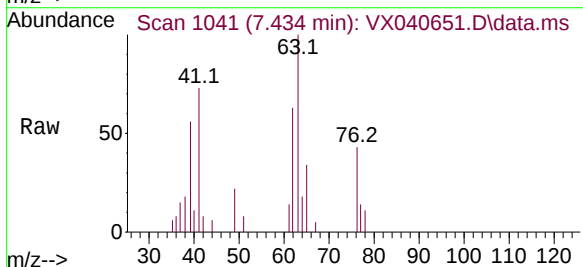
Acq: 15 Mar 2024 14:06

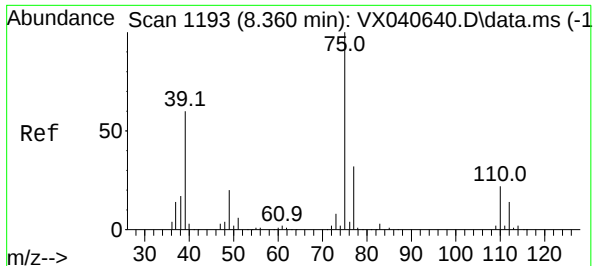
Tgt Ion: 63 Resp: 2488

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 1.492 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.036 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Instrument :

MSVOA_X

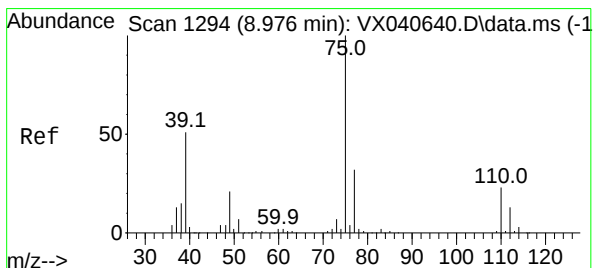
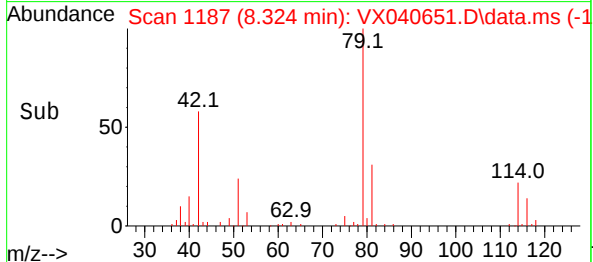
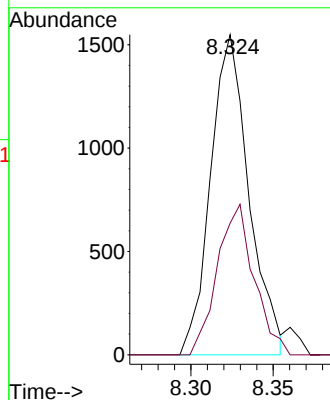
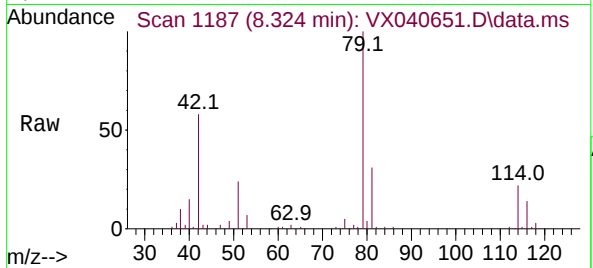
ClientSampleId :

Tgt Ion: 75 Resp: 2512

Ion Ratio Lower Upper

75 100

77 41.1 21.1 39.3#



#44

trans-1,3-Dichloropropene

Concen: 1.037 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX040651.D

Acq: 15 Mar 2024 14:06

Tgt Ion: 75 Resp: 1700

Ion Ratio Lower Upper

75 100

77 40.0 22.1 41.1

