

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040648.D
 Acq On : 15 Mar 2024 12:58
 Operator : JC/MD
 Sample : P1753-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

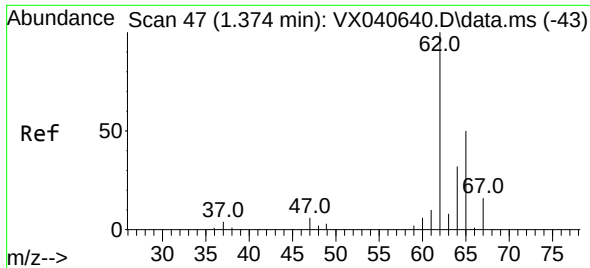
Instrument :
 MSVOA_X
 ClientSampleId :
 YCKZ7

Quant Time: Mar 16 02:52:11 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	146883	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	139218	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66821	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	50835	39.482	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.960%		
7) Chloroethane-d5	1.666	69	45417	44.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.360%		
11) 1,1-Dichloroethene-d2	2.307	65	24674	41.629	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.260%		
21) 2-Butanone-d5	4.446	46	96029	97.192	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.190%		
24) Chloroform-d	5.062	84	113481	47.460	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.920%		
26) 1,2-Dichloroethane-d4	5.958	65	85093	47.666	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.340%		
32) Benzene-d6	5.971	84	195083	45.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.340%		
36) 1,2-Dichloropropane-d6	7.306	67	63819	48.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.420%		
41) Toluene-d8	8.647	98	176076	42.777	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.560%		
43) trans-1,3-Dichloroprop...	8.952	79	31638	44.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.820%		
47) 2-Hexanone-d5	9.385	63	70331	96.290	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.290%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	97930	49.411	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.820%		
66) 1,2-Dichlorobenzene-d4	12.317	152	69956	49.985	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.980%		
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	100207	81.274	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	6639	6.524	ug/L #	68
12) 1,1-Dichloroethene	2.319	96	913452	1020.252	ug/L #	72
13) Acetone	2.380	43	35061	49.692	ug/L	97
19) 1,1-Dichloroethane	3.611	63	116075	64.995	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	19380	18.804	ug/L	97
27) 1,2-Dichloroethane	6.086	62	7799	4.403	ug/L #	78
30) 1,1,1-Trichloroethane	5.379	97	60744	35.033	ug/L	100
33) Benzene	6.038	78	31209	8.345	ug/L	100
34) Trichloroethene	7.123	95	18497	16.754	ug/L	91

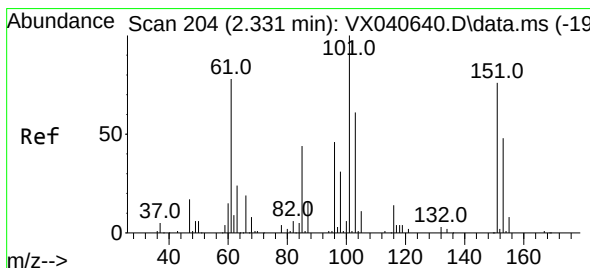
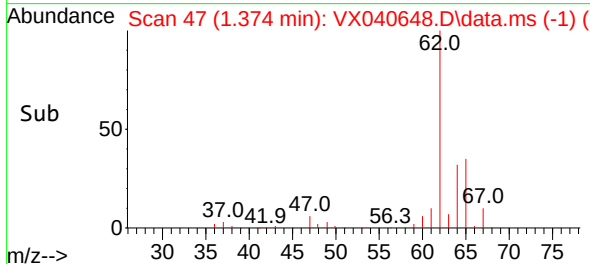
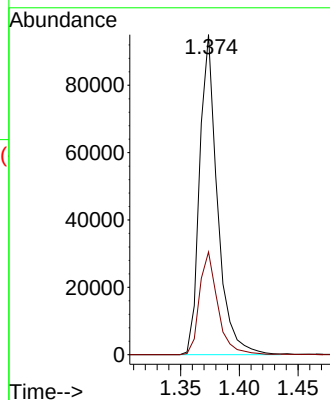
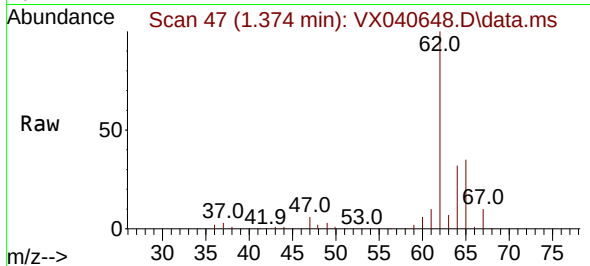
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 81.274 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040648.D
 Acq: 15 Mar 2024 12:58

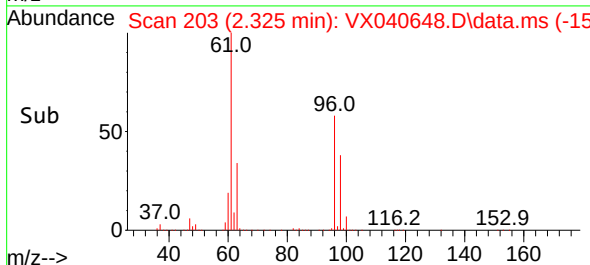
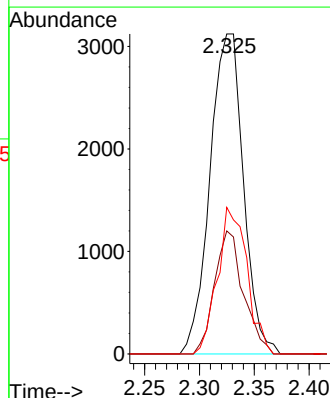
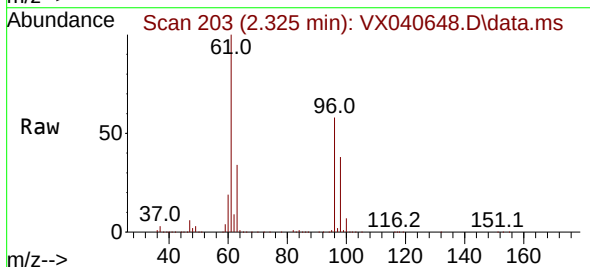
Instrument :
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 YCKZ7

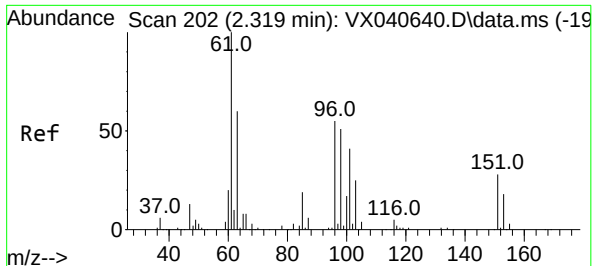
Tgt Ion: 62 Resp: 100207
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.524 ug/L
 RT: 2.325 min Scan# 203
 Delta R.T. -0.006 min
 Lab File: VX040648.D
 Acq: 15 Mar 2024 12:58

Tgt Ion: 101 Resp: 6639
 Ion Ratio Lower Upper
 101 100
 85 33.0 38.3 57.5#
 151 40.3 57.7 86.5#





#12

1,1-Dichloroethene

Concen: 1020.252 ug/L

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

YCKZ7

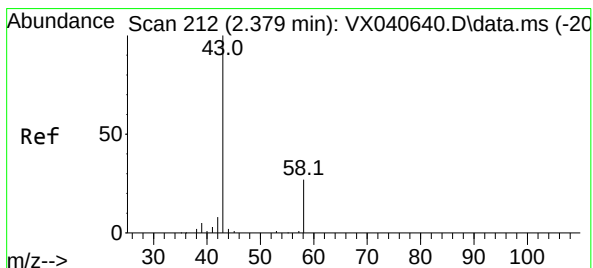
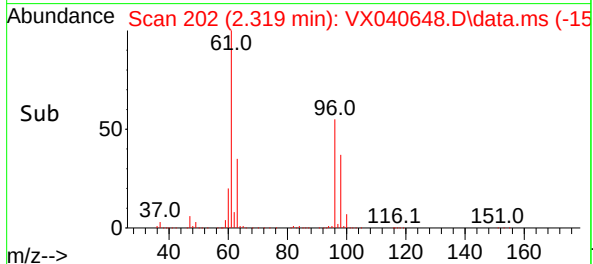
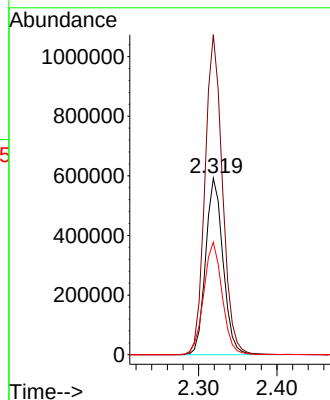
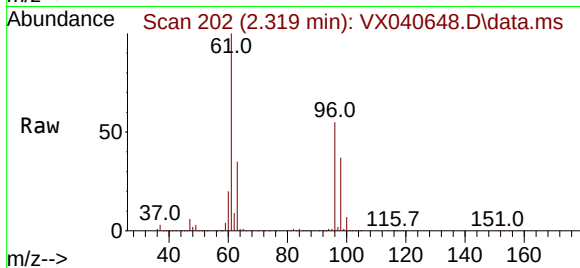
Tgt Ion: 96 Resp: 913452

Ion Ratio Lower Upper

96 100

61 181.3 134.8 250.4

63 63.8 92.5 171.9#



#13

Acetone

Concen: 49.692 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.001 min

Lab File: VX040648.D

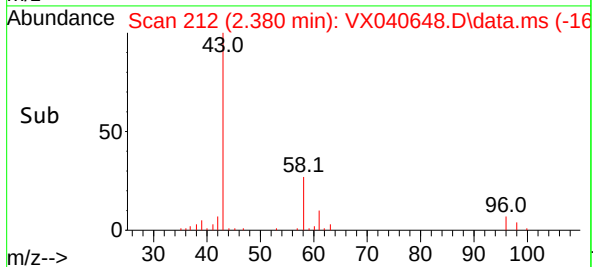
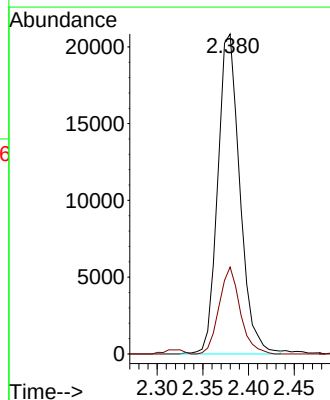
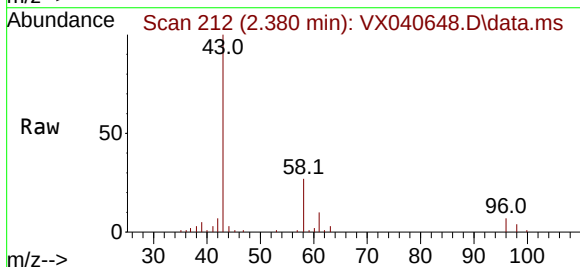
Acq: 15 Mar 2024 12:58

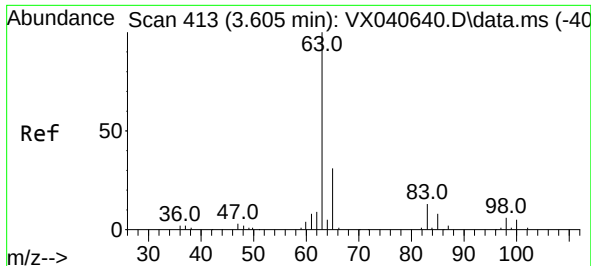
Tgt Ion: 43 Resp: 35061

Ion Ratio Lower Upper

43 100

58 25.8 0.0 54.6





#19

1,1-Dichloroethane

Concen: 64.995 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

YCKZ7

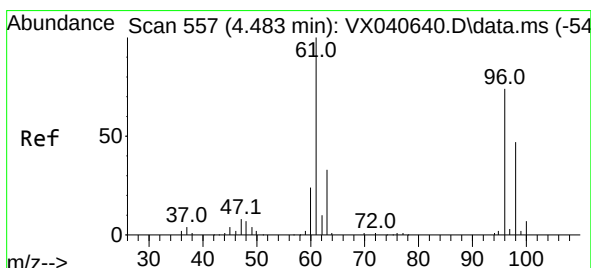
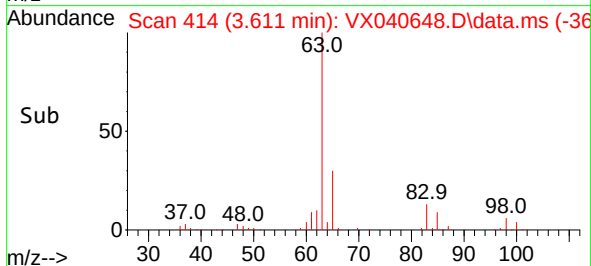
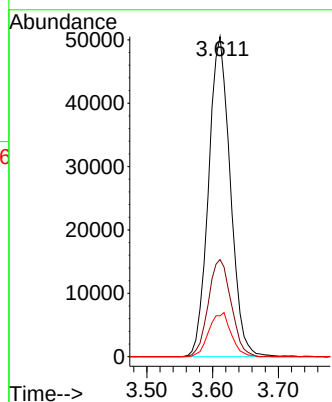
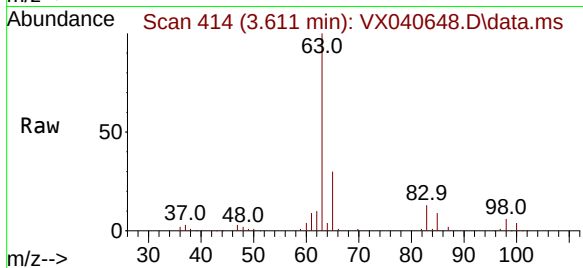
Tgt Ion: 63 Resp: 116075

Ion Ratio Lower Upper

63 100

65 30.3 23.1 42.9

83 12.7 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 18.804 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

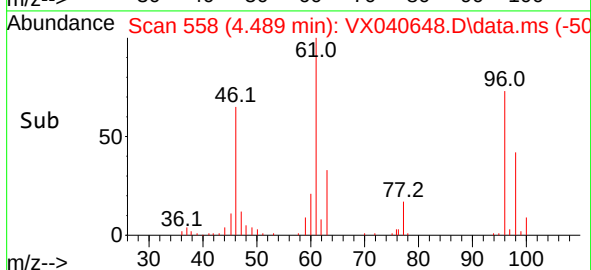
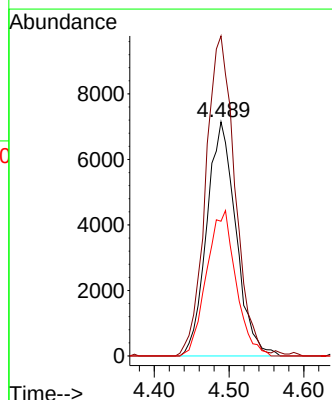
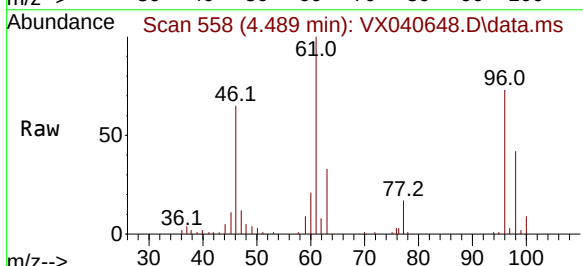
Tgt Ion: 96 Resp: 19380

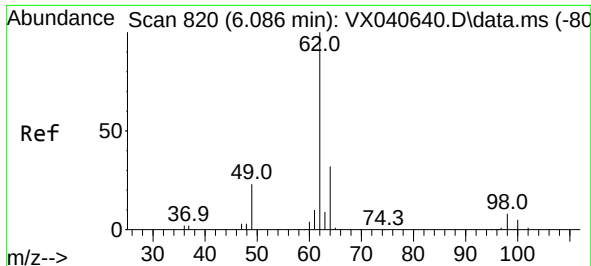
Ion Ratio Lower Upper

96 100

61 136.7 93.0 172.8

98 57.6 42.4 78.6





#27

1,2-Dichloroethane

Concen: 4.403 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

Instrument :

MSVOA_X

ClientSampleId :

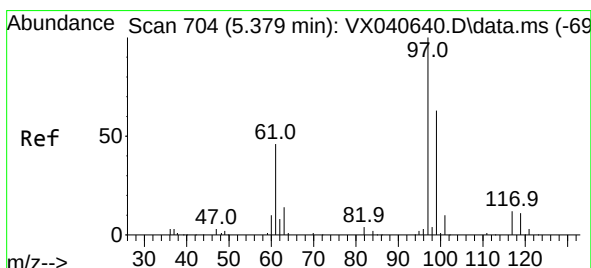
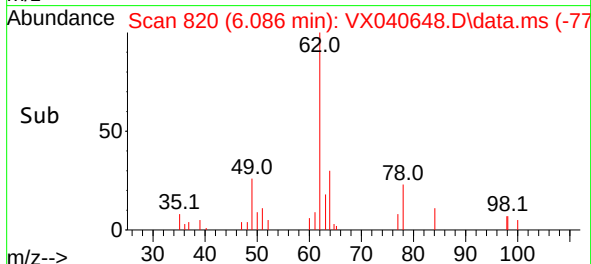
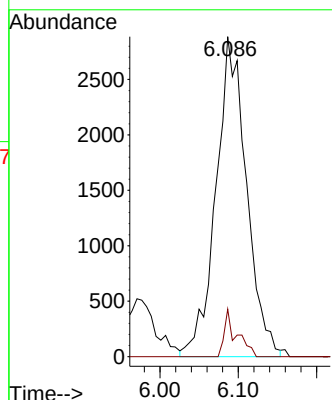
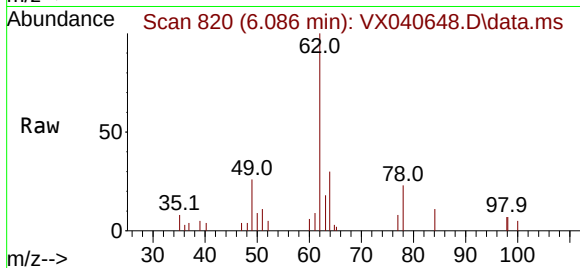
YCKZ7

Tgt Ion: 62 Resp: 7799

Ion Ratio Lower Upper

62 100

98 14.8 5.8 8.6#



#30

1,1,1-Trichloroethane

Concen: 35.033 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

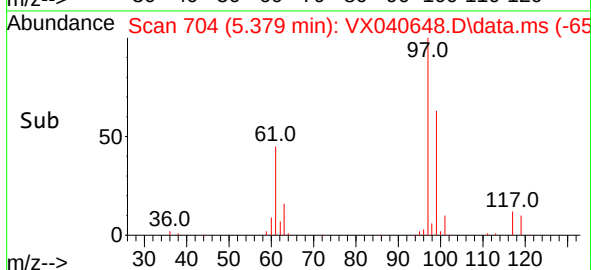
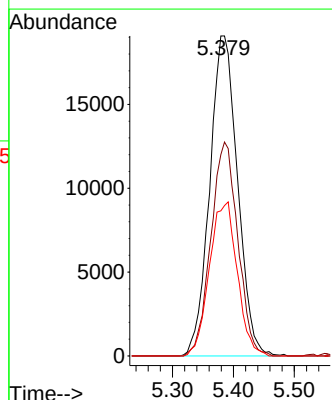
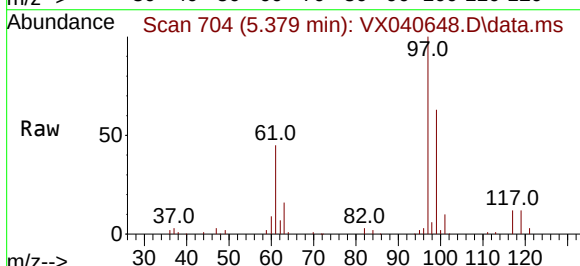
Tgt Ion: 97 Resp: 60744

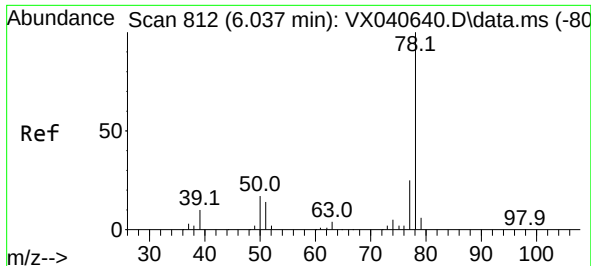
Ion Ratio Lower Upper

97 100

99 64.6 52.1 78.1

61 48.0 38.3 57.5





#33

Benzene

Concen: 8.345 ug/L

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

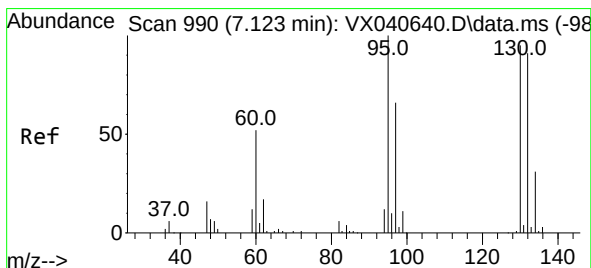
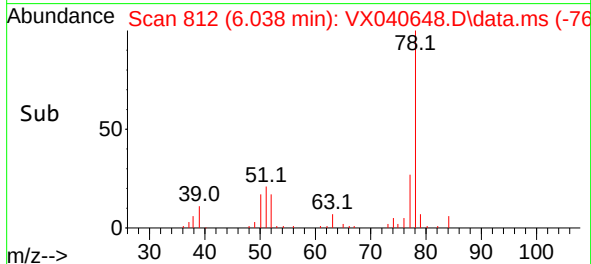
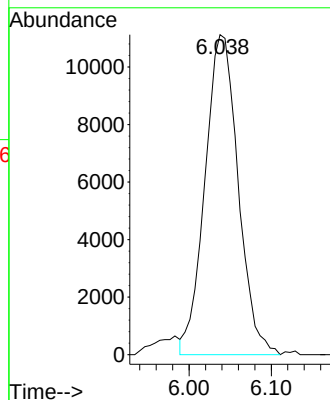
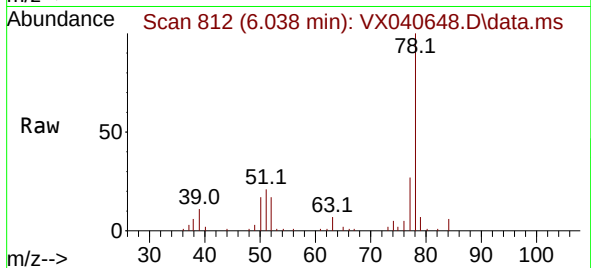
Instrument :

MSVOA_X

ClientSampleId :

YCKZ7

Tgt Ion: 78 Resp: 31209



#34

Trichloroethene

Concen: 16.754 ug/L

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040648.D

Acq: 15 Mar 2024 12:58

Tgt Ion: 95 Resp: 18497

Ion Ratio Lower Upper

95 100

97 57.3 44.7 83.1

132 80.6 61.5 114.3

130 85.5 66.9 124.3

