

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040650.D
 Acq On : 15 Mar 2024 13:44
 Operator : JC/MD
 Sample : P1753-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

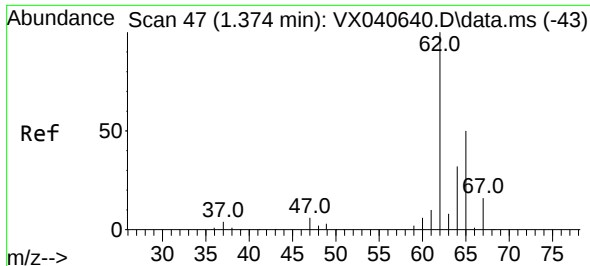
Instrument :
 MSVOA_X
 ClientSampleId :
 YCKZ9

Quant Time: Mar 16 02:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM030724WMA.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	144358	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	138756	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	64252	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48321	38.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.380%
7) Chloroethane-d5	1.666	69	44599	44.146	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.300%
11) 1,1-Dichloroethene-d2	2.307	65	22964	39.422	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.840%
21) 2-Butanone-d5	4.452	46	92470	95.227	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.230%
24) Chloroform-d	5.056	84	109065	46.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
26) 1,2-Dichloroethane-d4	5.958	65	82809	47.198	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.400%
32) Benzene-d6	5.971	84	188979	44.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.780%
36) 1,2-Dichloropropane-d6	7.306	67	61875	46.898	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	8.647	98	170547	41.572	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.140%
43) trans-1,3-Dichloroprop...	8.952	79	30901	44.006	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.020%
47) 2-Hexanone-d5	9.385	63	67374	92.549	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.550%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	94716	47.949	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.900%
66) 1,2-Dichlorobenzene-d4	12.317	152	68734	51.076	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.160%
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	12793	10.557	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	3410	3.410	ug/L #	70
12) 1,1-Dichloroethene	2.319	96	373014	423.914	ug/L #	74
13) Acetone	2.380	43	14975	21.595	ug/L	99
19) 1,1-Dichloroethane	3.611	63	41872	23.856	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	42513	41.970	ug/L	94
27) 1,2-Dichloroethane	6.086	62	40810	23.445	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	53530	30.975	ug/L	98
33) Benzene	6.044	78	6526	1.751	ug/L	100
34) Trichloroethene	7.129	95	25516	23.188	ug/L	94

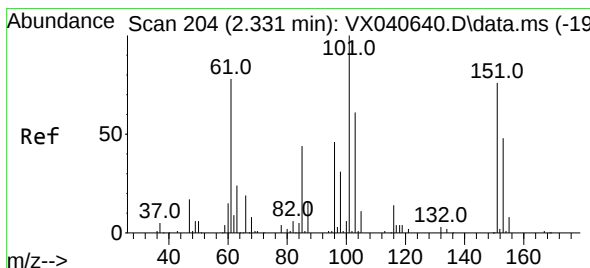
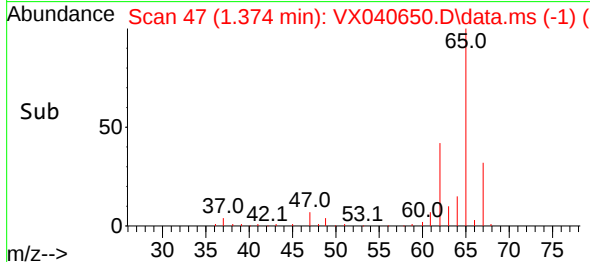
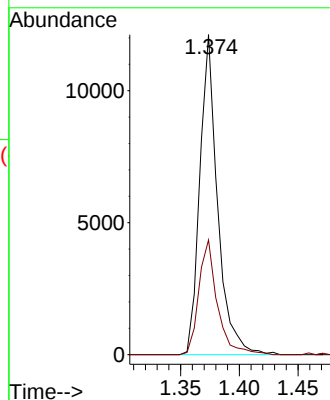
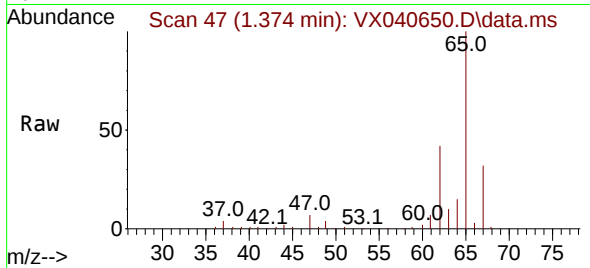
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 10.557 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040650.D
 Acq: 15 Mar 2024 13:44

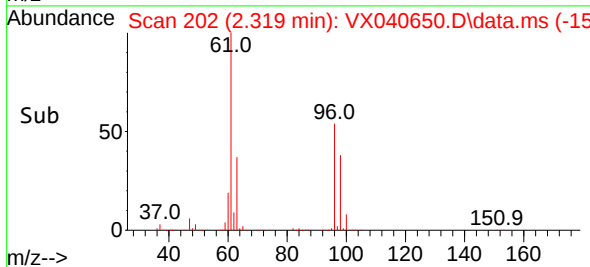
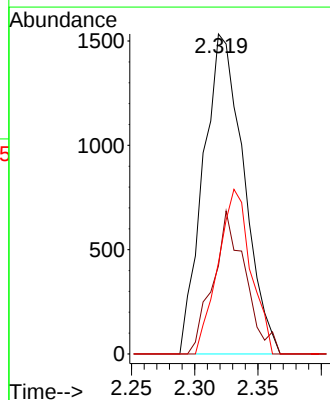
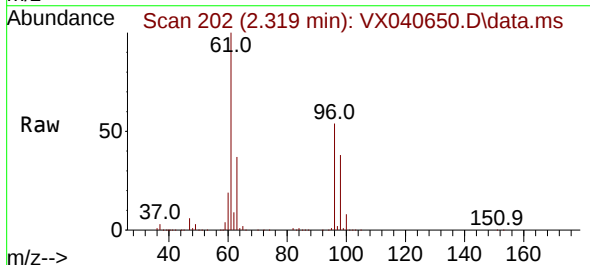
Instrument :
 MSVOA_X
 ClientSampleId :
 YCKZ9

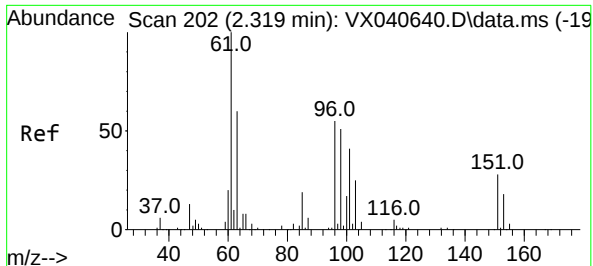
Tgt Ion: 62 Resp: 12793
 Ion Ratio Lower Upper
 62 100
 64 35.8 23.8 44.2



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.410 ug/L
 RT: 2.319 min Scan# 202
 Delta R.T. -0.012 min
 Lab File: VX040650.D
 Acq: 15 Mar 2024 13:44

Tgt Ion: 101 Resp: 3410
 Ion Ratio Lower Upper
 101 100
 85 34.5 38.3 57.5#
 151 41.7 57.7 86.5#





#12

1,1-Dichloroethene

Concen: 423.914 ug/L

RT: 2.319 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

Instrument :

MSVOA_X

ClientSampleId :

YCKZ9

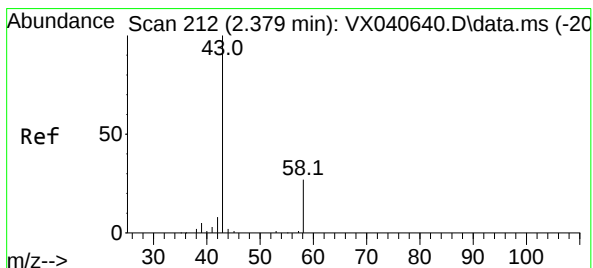
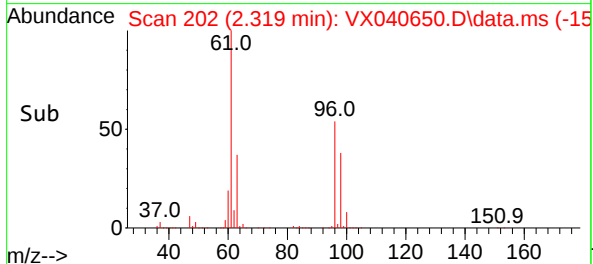
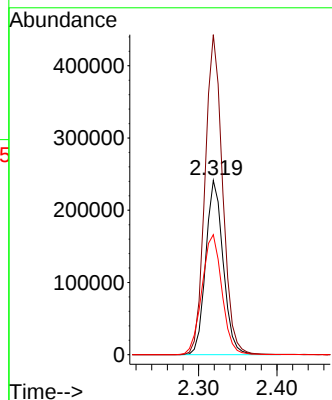
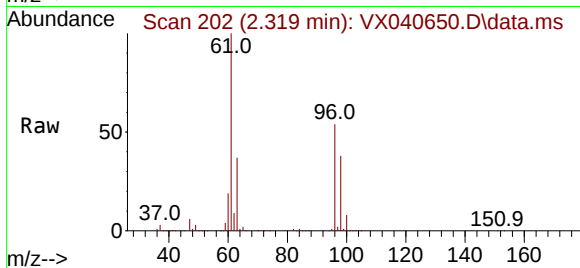
Tgt Ion: 96 Resp: 373014

Ion Ratio Lower Upper

96 100

61 183.6 134.8 250.4

63 68.8 92.5 171.9#



#13

Acetone

Concen: 21.595 ug/L

RT: 2.380 min Scan# 212

Delta R.T. 0.001 min

Lab File: VX040650.D

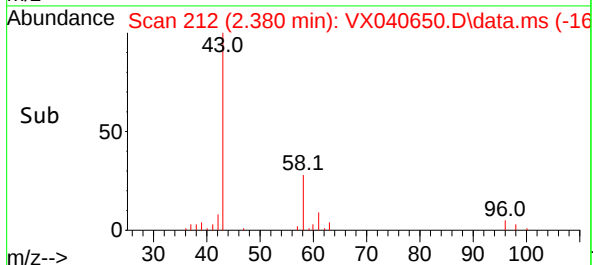
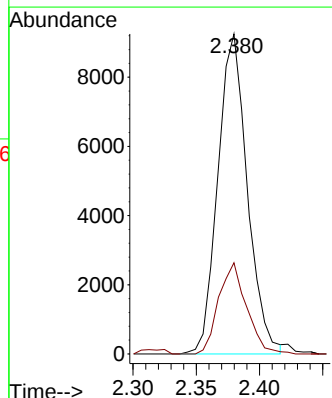
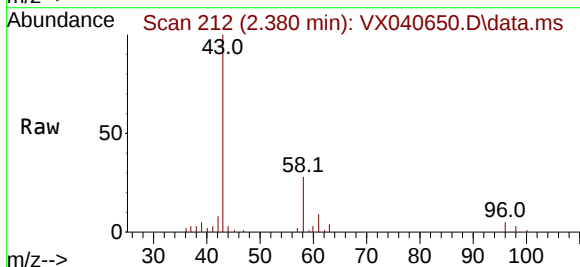
Acq: 15 Mar 2024 13:44

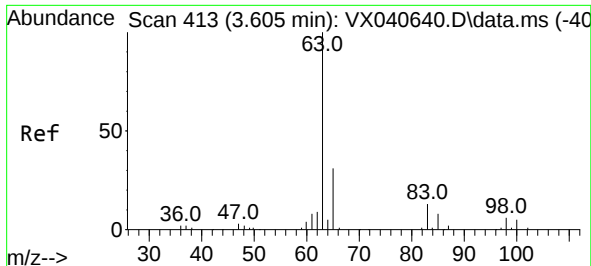
Tgt Ion: 43 Resp: 14975

Ion Ratio Lower Upper

43 100

58 27.0 0.0 54.6





#19

1,1-Dichloroethane

Concen: 23.856 ug/L

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

Instrument :

MSVOA_X

ClientSampleId :

YCKZ9

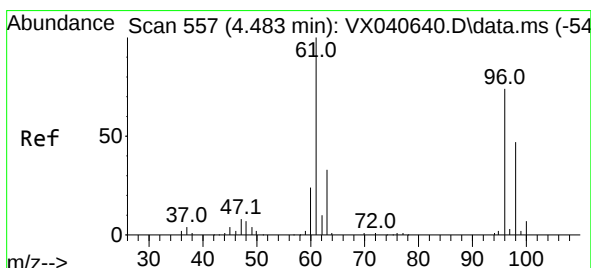
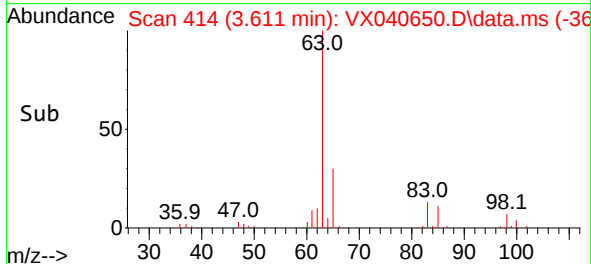
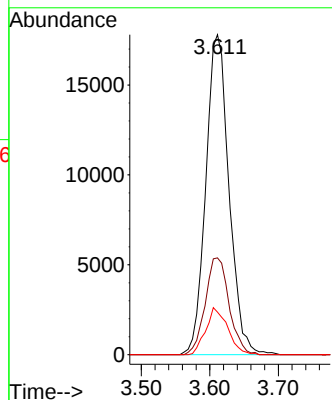
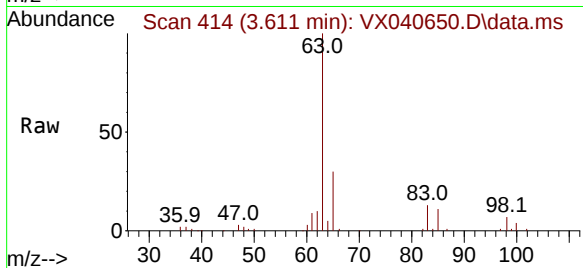
Tgt Ion: 63 Resp: 41872

Ion Ratio Lower Upper

63 100

65 30.2 23.1 42.9

83 13.3 9.9 18.5



#20

cis-1,2-Dichloroethene

Concen: 41.970 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.006 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

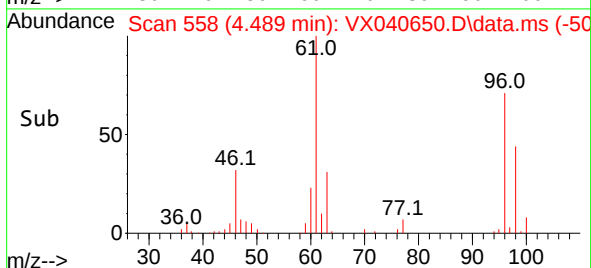
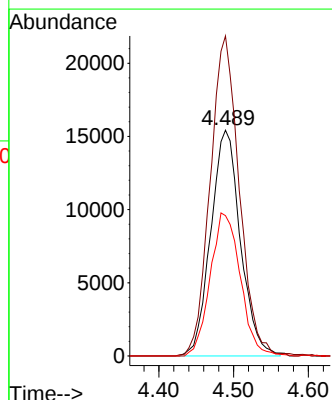
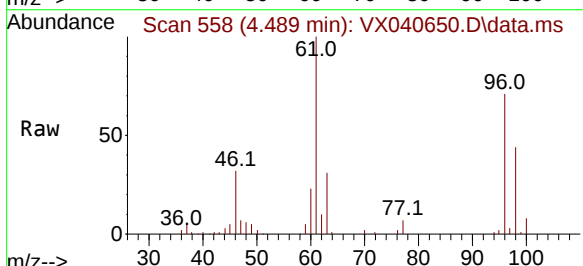
Tgt Ion: 96 Resp: 42513

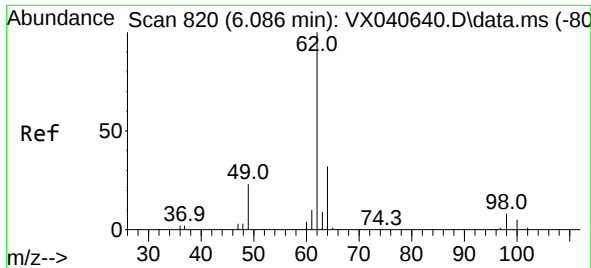
Ion Ratio Lower Upper

96 100

61 141.8 93.0 172.8

98 62.2 42.4 78.6





#27

1,2-Dichloroethane

Concen: 23.445 ug/L

RT: 6.086 min Scan# 81

Delta R.T. 0.000 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

Instrument :

MSVOA_X

ClientSampleId :

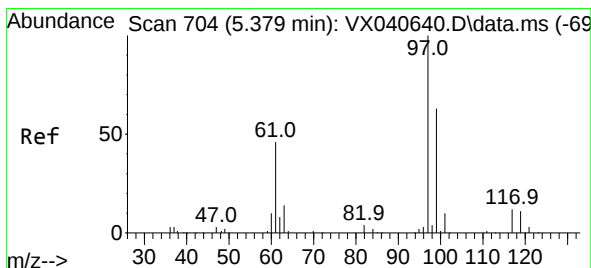
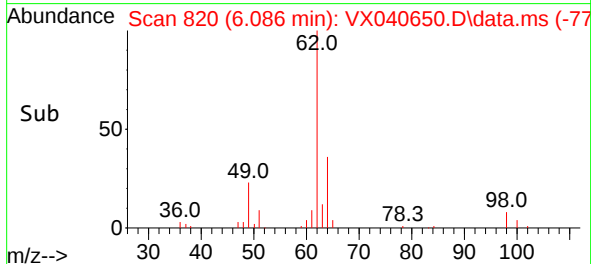
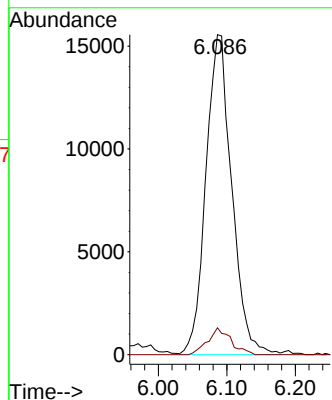
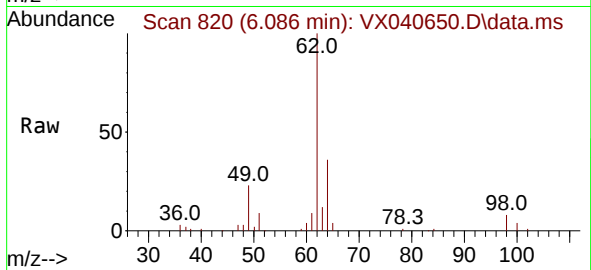
YCKZ9

Tgt Ion: 62 Resp: 40810

Ion Ratio Lower Upper

62 100

98 8.4 5.8 8.6



#30

1,1,1-Trichloroethane

Concen: 30.975 ug/L

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

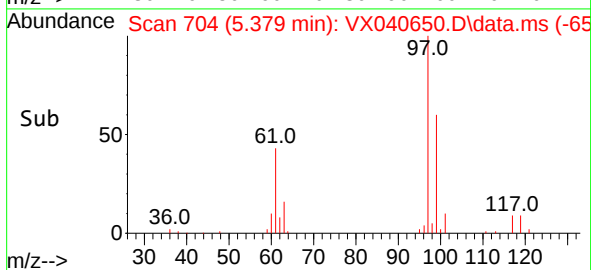
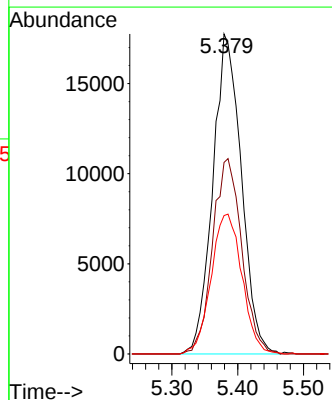
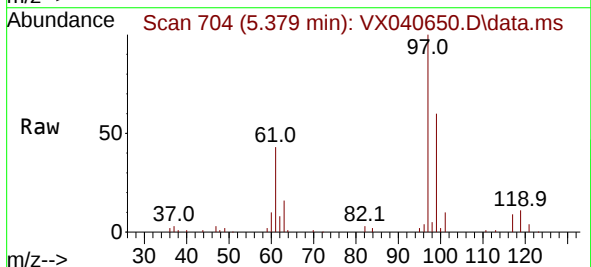
Tgt Ion: 97 Resp: 53530

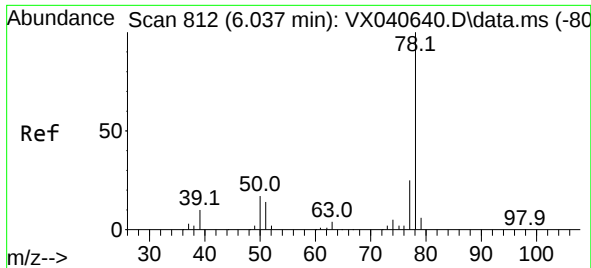
Ion Ratio Lower Upper

97 100

99 62.5 52.1 78.1

61 47.4 38.3 57.5





#33

Benzene

Concen: 1.751 ug/L

RT: 6.044 min Scan# 812

Delta R.T. 0.007 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

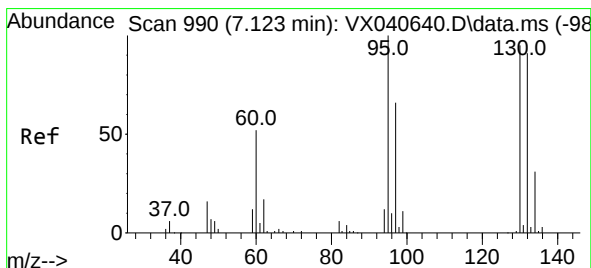
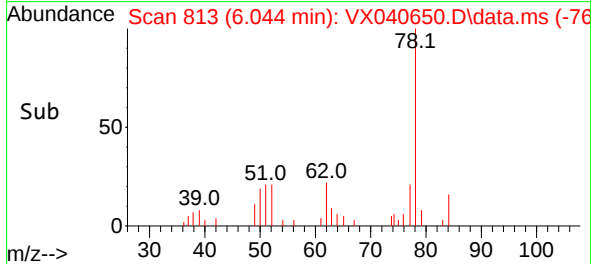
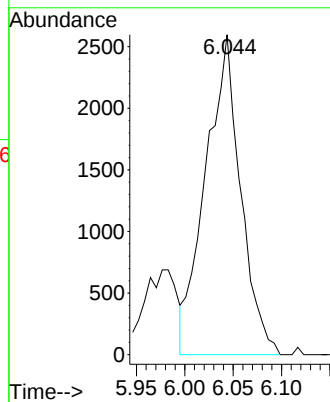
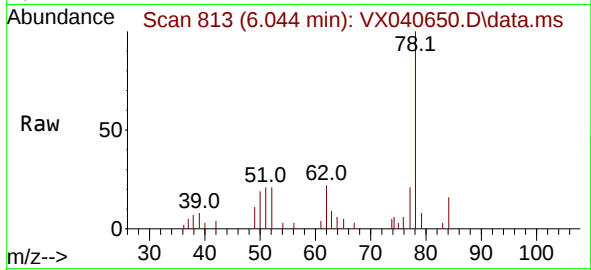
Instrument :

MSVOA_X

ClientSampleId :

YCKZ9

Tgt Ion: 78 Resp: 6526



#34

Trichloroethene

Concen: 23.188 ug/L

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX040650.D

Acq: 15 Mar 2024 13:44

Tgt Ion: 95 Resp: 25516

Ion Ratio Lower Upper

95 100

97 66.1 44.7 83.1

132 99.0 61.5 114.3

130 98.9 66.9 124.3

