

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 :

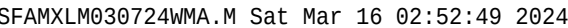
Quant Time: Mar 16 02:52:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

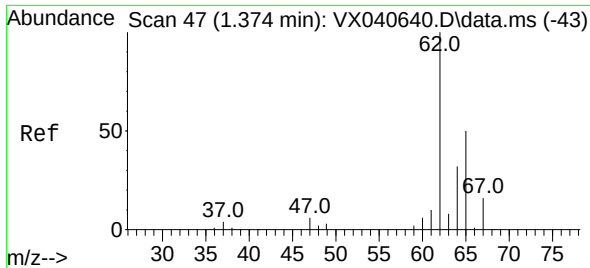
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	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
37) 1,2-Dichloropropane	7.428	63	2464	2.497	ug/L #	88
39) cis-1,3-Dichloropropene	8.324	75	2439	1.468	ug/L #	64
44) trans-1,3-Dichloropropene	8.952	75	1636	1.011	ug/L #	70

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

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Response via : Initial Calibration

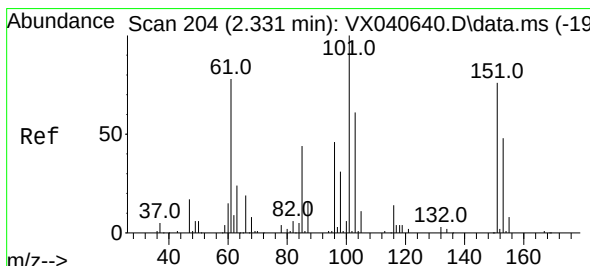
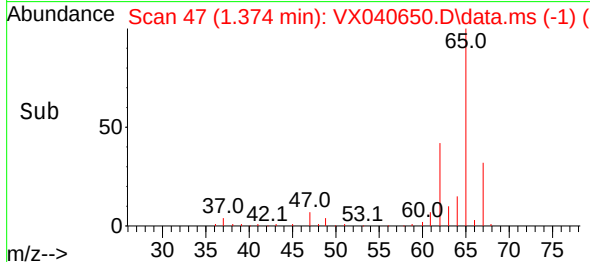
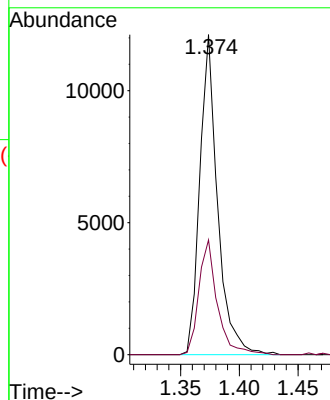
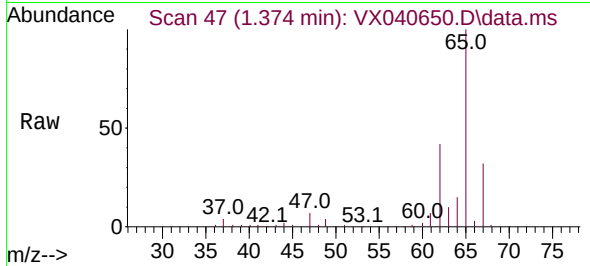




#5
 Vinyl chloride
 Concen: 10.557 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX040650.D
 Acq: 15 Mar 2024 13:44

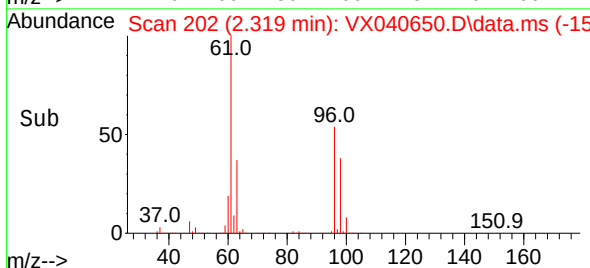
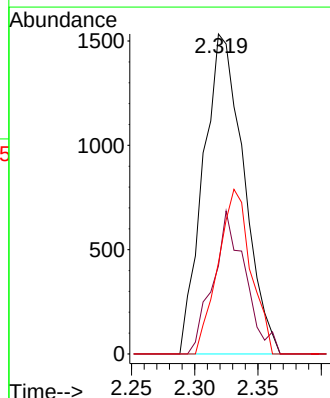
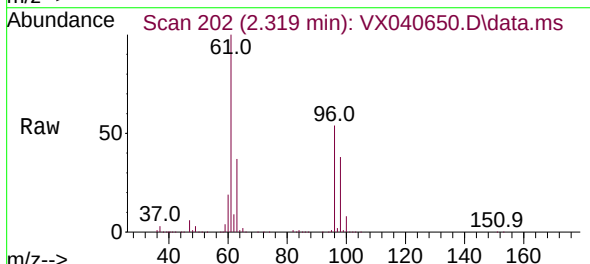
Instrument :
 MSVOA_X
 ClientSampleId :

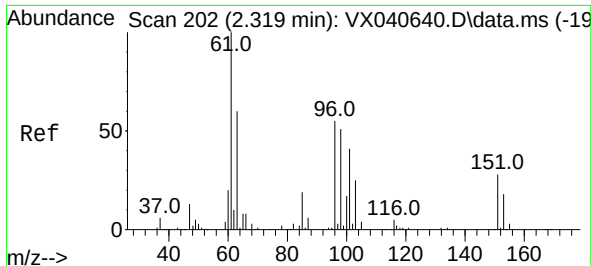
Tgt Ion: 62 Resp: 12793
 Ion Ratio Lower Upper
 62 100
 64 35.8 23.8 44.2



#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#

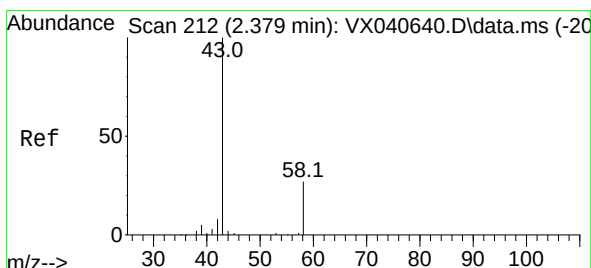
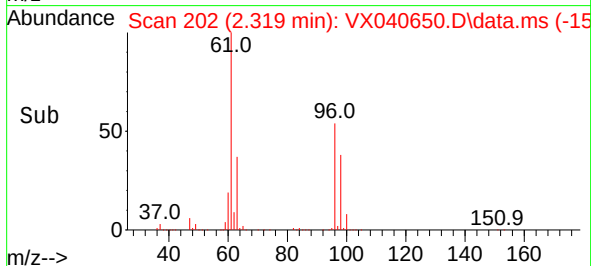
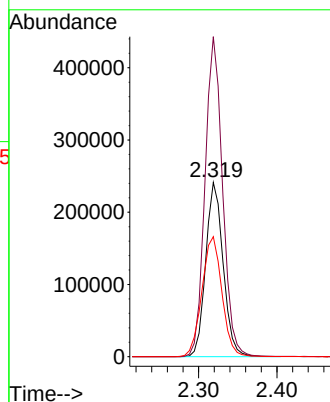
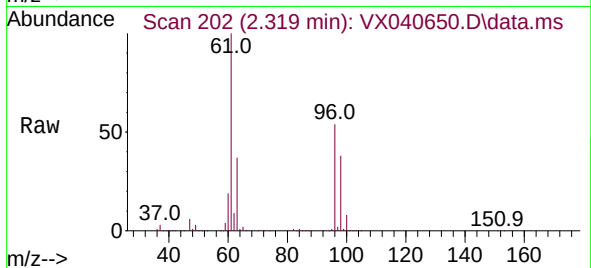




#12
1,1-Dichloroethene
Concen: 423.914 ug/L
RT: 2.319 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX040650.D
Acq: 15 Mar 2024 13:44

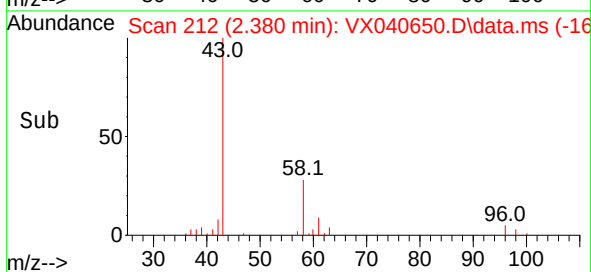
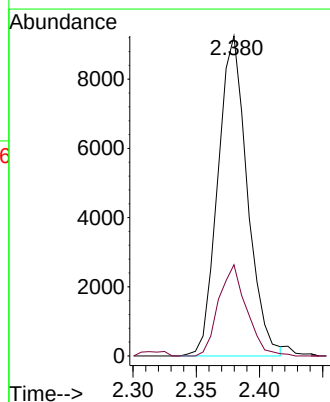
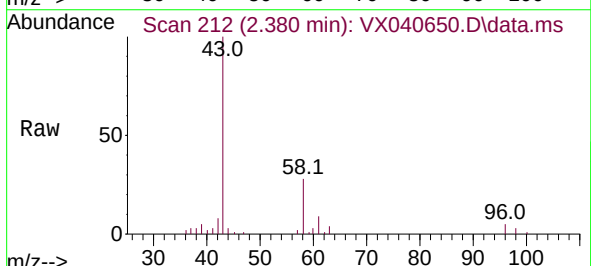
Instrument :
MSVOA_X
ClientSampleId :

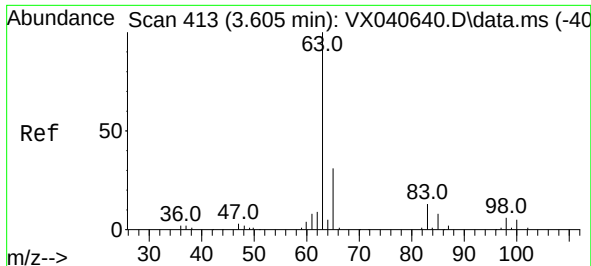
Tgt Ion: 96 Resp: 373014
Ion Ratio Lower Upper
96 100
61 183.6 134.8 250.4
63 68.8 92.5 171.9#



#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 :

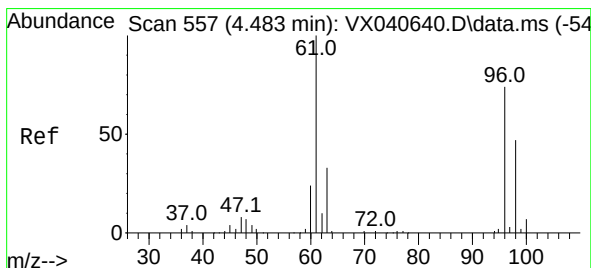
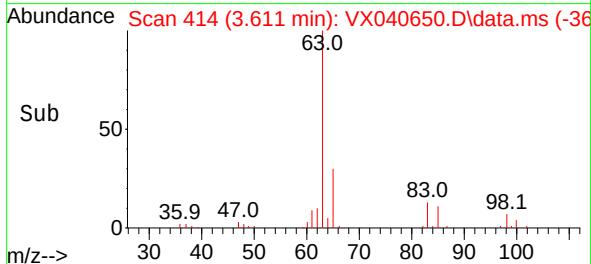
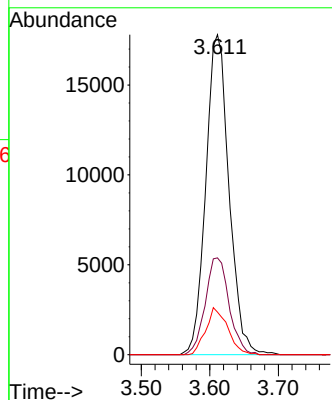
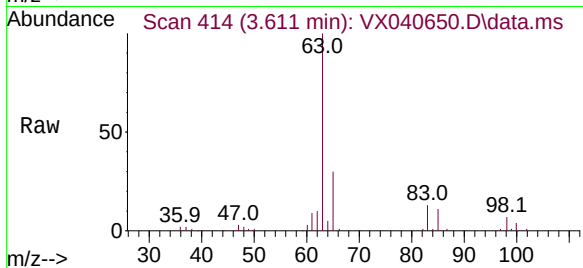
Tgt Ion: 63 Resp: 41872

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

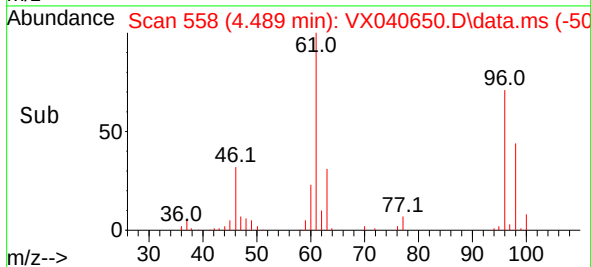
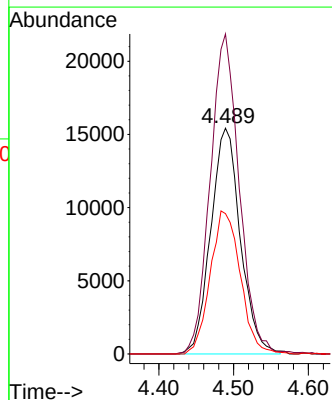
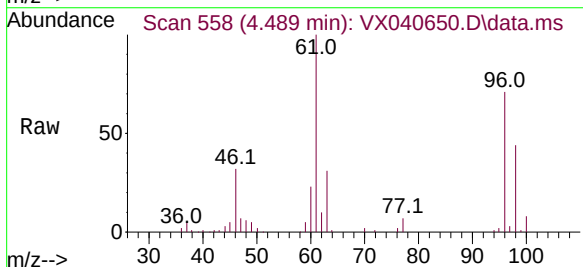
Tgt Ion: 96 Resp: 42513

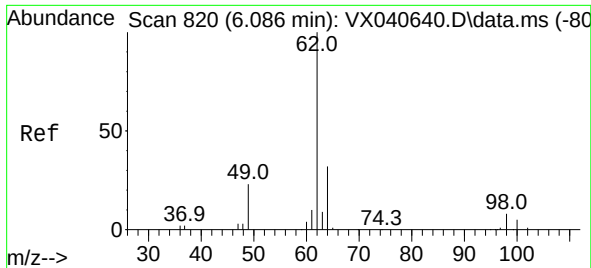
Ion Ratio Lower Upper

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

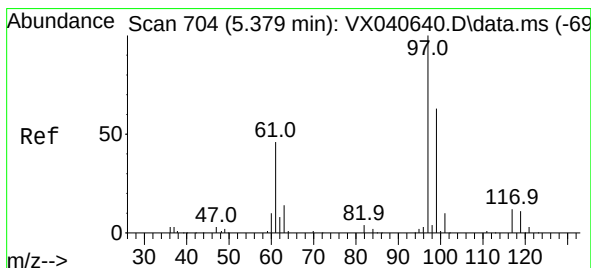
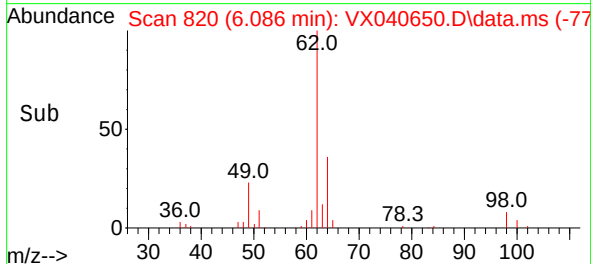
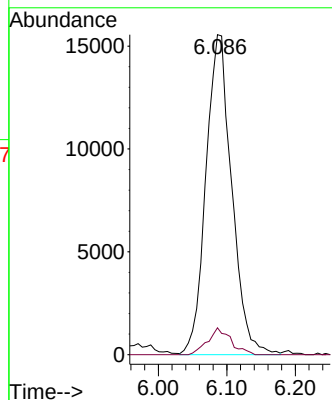
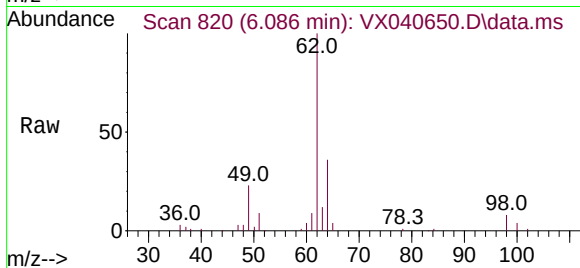
ClientSampleId :

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

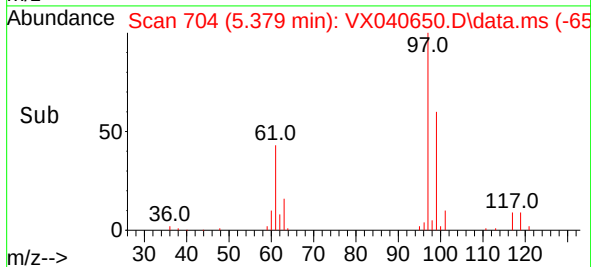
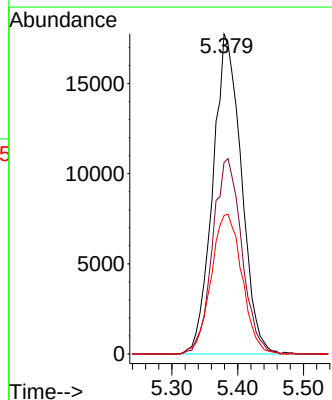
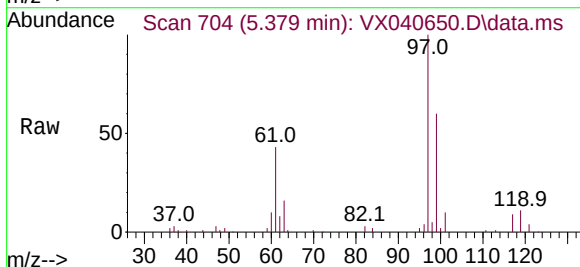
Tgt Ion: 97 Resp: 53530

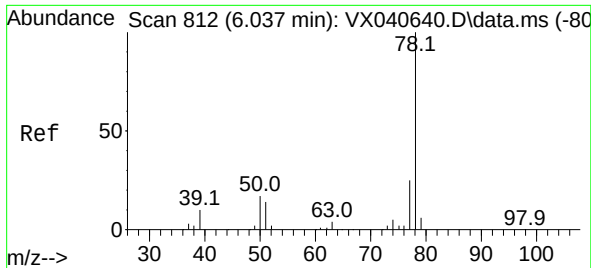
Ion Ratio Lower Upper

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

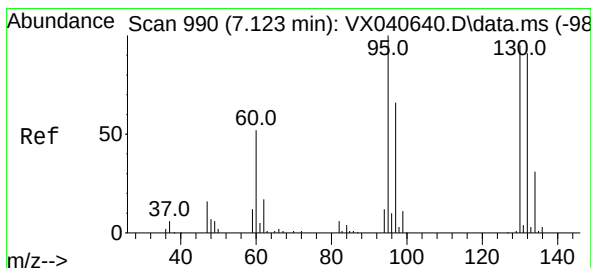
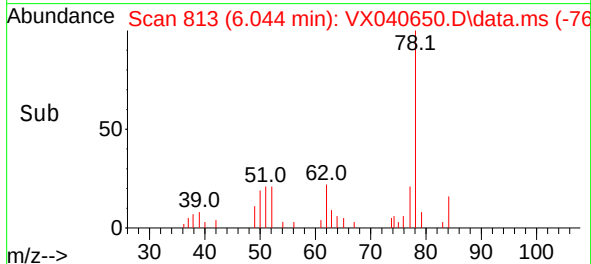
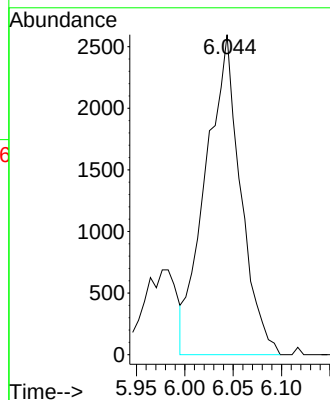
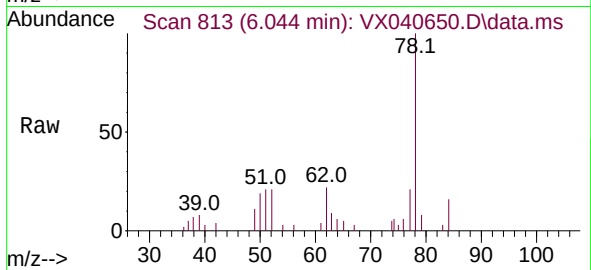
Acq: 15 Mar 2024 13:44

Instrument :

MSVOA_X

ClientSampleId :

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

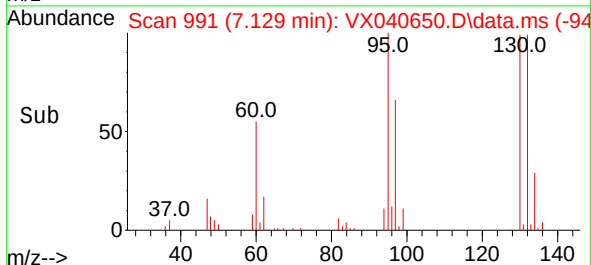
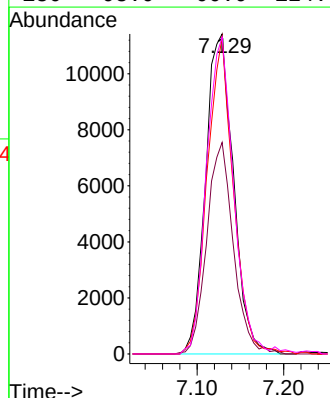
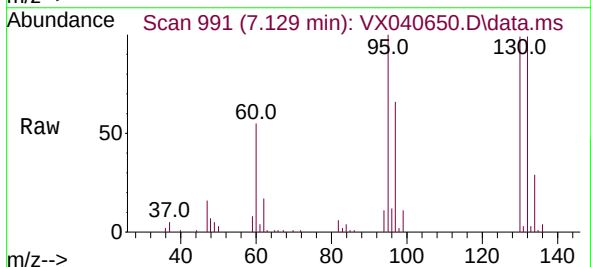
Ion Ratio Lower Upper

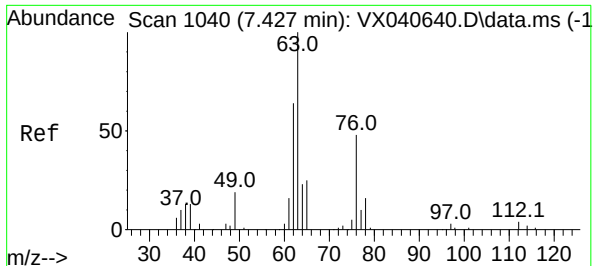
95 100

97 66.1 44.7 83.1

132 99.0 61.5 114.3

130 98.9 66.9 124.3

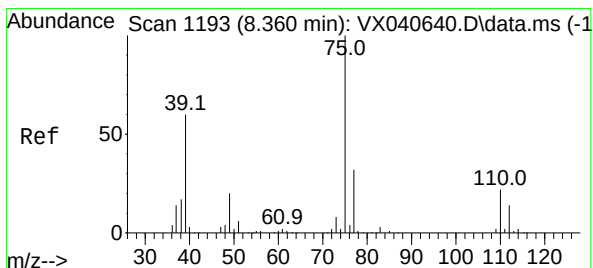
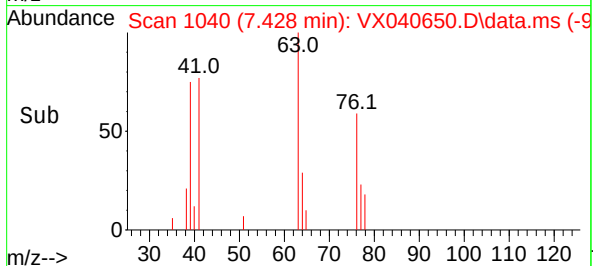
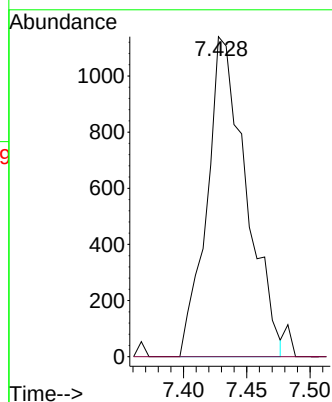
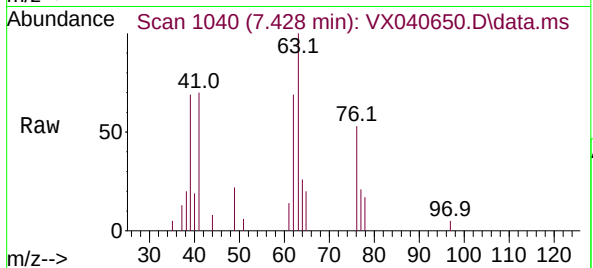




#37
1,2-Dichloropropane
Concen: 2.497 ug/L
RT: 7.428 min Scan# 1187
Delta R.T. 0.001 min
Lab File: VX040650.D
Acq: 15 Mar 2024 13:44

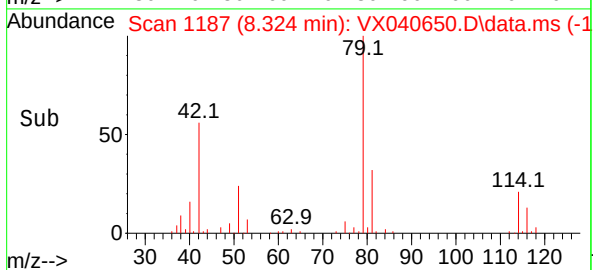
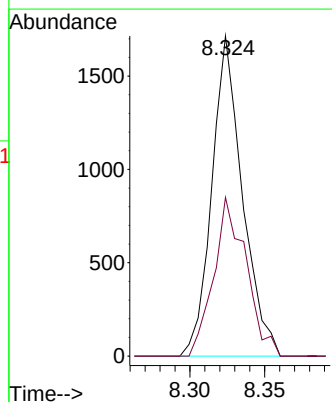
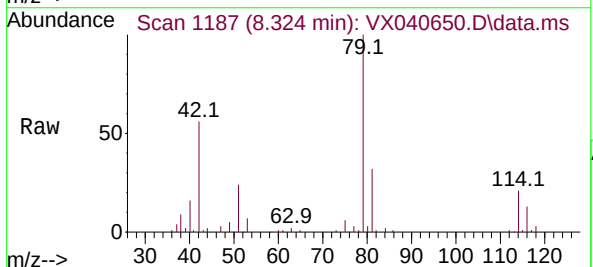
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MSVOA_X
ClientSampleId :

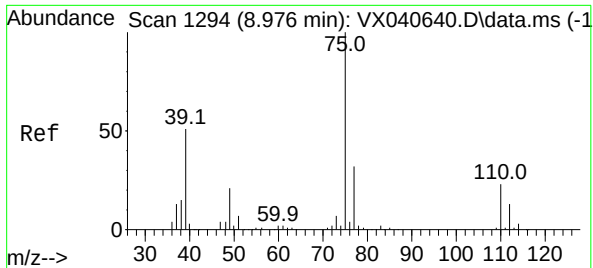
Tgt Ion: 63 Resp: 2464
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



#39
cis-1,3-Dichloropropene
Concen: 1.468 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.036 min
Lab File: VX040650.D
Acq: 15 Mar 2024 13:44

Tgt Ion: 75 Resp: 2439
Ion Ratio Lower Upper
75 100
77 49.6 21.1 39.3#





#44
 trans-1,3-Dichloropropene
 Concen: 1.011 ug/L
 RT: 8.952 min Scan# 11
 Delta R.T. -0.024 min
 Lab File: VX040650.D
 Acq: 15 Mar 2024 13:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 1636
 Ion Ratio Lower Upper
 75 100
 77 48.4 22.1 41.1#

