

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060724\
 Data File : VV036016.D
 Acq On : 07 Jun 2024 17:32
 Operator : SY/MD
 Sample : P2754-23
 Misc : 4.15g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 08 00:34:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

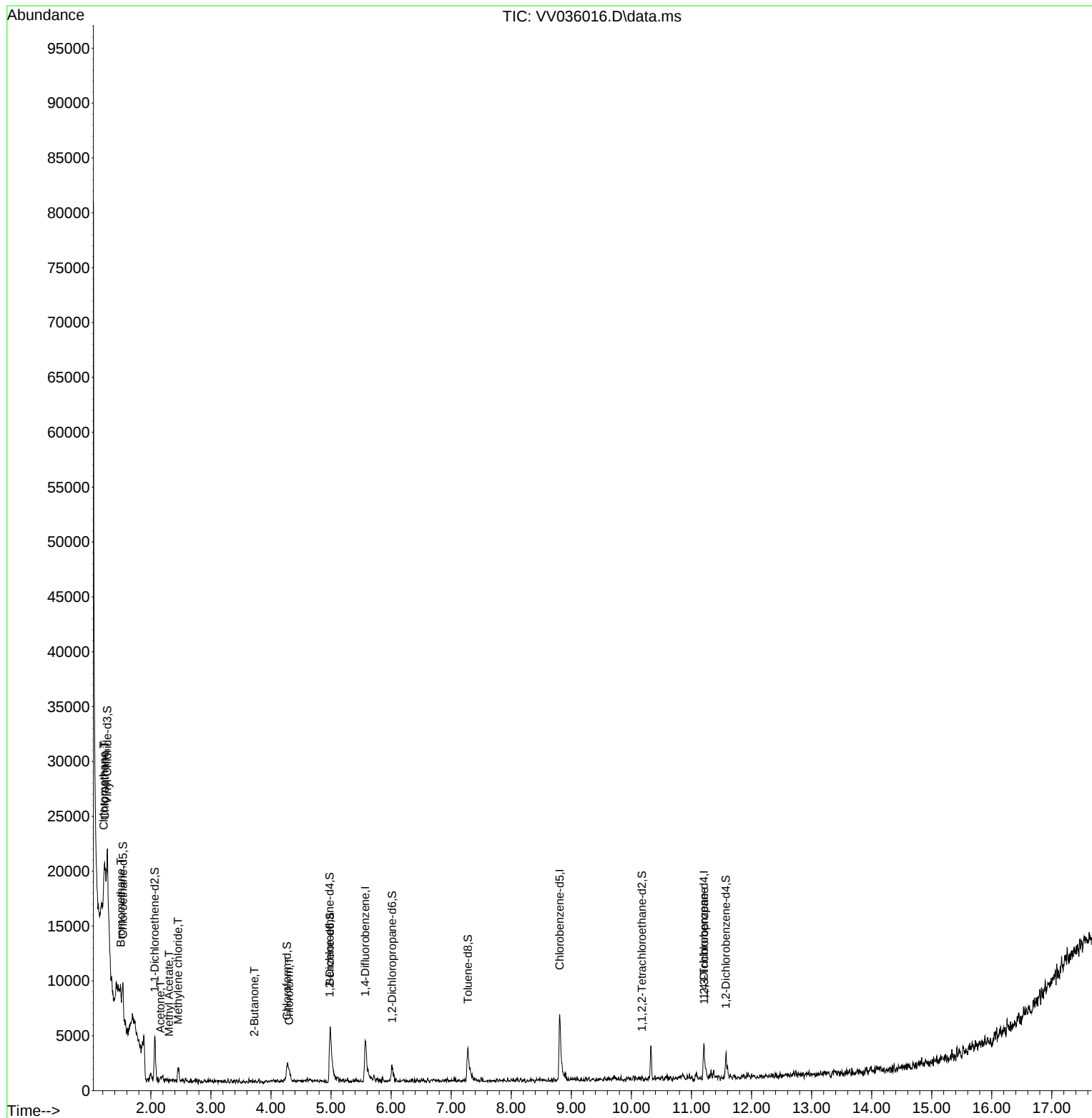
Internal Standards						
1) 1,4-Difluorobenzene	5.568	114	2794	25.000	ug/L	# 0.04
28) Chlorobenzene-d5	8.805	117	5386	25.000	ug/L	# 0.03
58) 1,4-Dichlorobenzene-d4	11.207	152	1204	25.000	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	2104	40.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 163.840%#	
7) Chloroethane-d5	1.536	69	1658	40.480	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 161.920%#	
11) 1,1-Dichloroethene-d2	2.066	65	871	38.089	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	= 152.360%#	
21) 2-Butanone-d5	0.000	46	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	= 0.000%#	
24) Chloroform-d	4.269	84	963	10.841	ug/L	0.03
Spiked Amount	25.000	Range	40 - 150	Recovery	= 43.360%	
26) 1,2-Dichloroethane-d4	4.976	65	437	9.383	ug/L	0.04
Spiked Amount	25.000	Range	70 - 130	Recovery	= 37.520%#	
32) Benzene-d6	4.982	84	5774	18.035	ug/L	0.03
Spiked Amount	25.000	Range	20 - 135	Recovery	= 72.120%	
36) 1,2-Dichloropropane-d6	6.015	67	829	8.223	ug/L	0.03
Spiked Amount	25.000	Range	70 - 120	Recovery	= 32.880%#	
41) Toluene-d8	7.278	98	3113	11.020	ug/L	0.04
Spiked Amount	25.000	Range	30 - 130	Recovery	= 44.080%	
43) trans-1,3-Dichloroprop...	0.000	79	0	0.000	ug/L	
Spiked Amount	25.000	Range	30 - 135	Recovery	= 0.000%#	
47) 2-Hexanone-d5	0.000	63	0	0.000	ug/L	
Spiked Amount	50.000	Range	20 - 135	Recovery	= 0.000%#	
56) 1,1,2,2-Tetrachloroeth...	10.175	84	72	0.956	ug/L	0.03
Spiked Amount	25.000	Range	45 - 120	Recovery	= 3.840%#	
66) 1,2-Dichlorobenzene-d4	11.574	152	857	19.410	ug/L	0.02
Spiked Amount	25.000	Range	75 - 120	Recovery	= 77.640%	
Target Compounds						Qvalue
3) Chloromethane	1.217	50	550	9.513	ug/L	88
6) Bromomethane	1.500	94	252	6.674	ug/L	76
8) Chloroethane	1.233	64	45	1.189	ug/L	# 43
13) Acetone	2.159	43	73	3.976	ug/L	# 69
15) Methyl Acetate	2.304	43	45	1.972	ug/L	# 48
16) Methylene chloride	2.455	84	509	8.051	ug/L	95
22) 2-Butanone	3.722	43	67	4.301	ug/L	# 62
25) Chloroform	4.301	83	267	2.868	ug/L	91
61) 1,2,3-Trichloropropane	11.214	75	48	1.686	ug/L	# 1

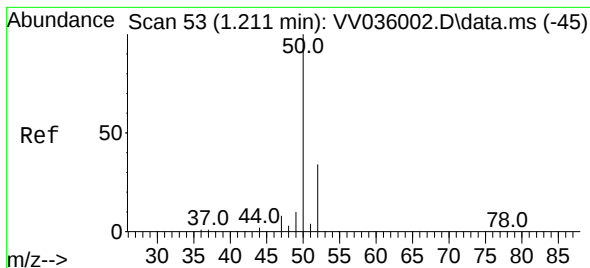
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Jun 08 00:30:25 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 9.513 ug/L

RT: 1.217 min Scan# 50

Delta R.T. 0.007 min

Lab File: VV036016.D

Acq: 07 Jun 2024 17:32

Instrument :

MSVOA_V

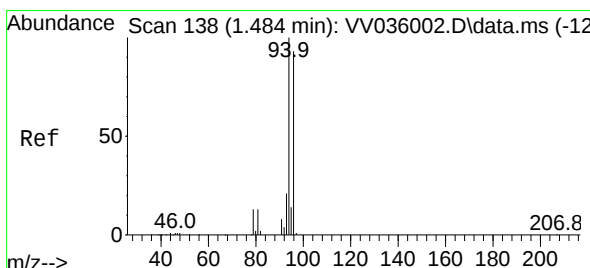
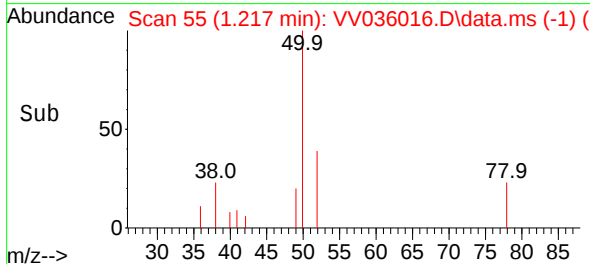
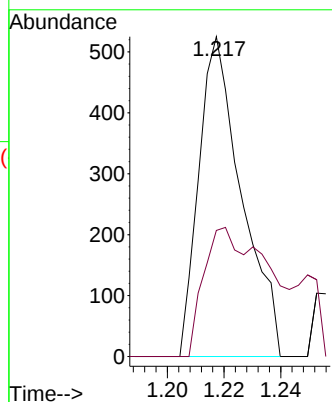
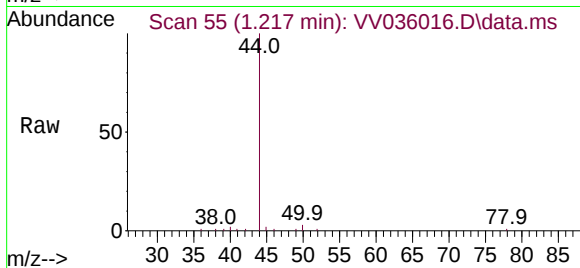
ClientSampleId :

Tgt Ion: 50 Resp: 550

Ion Ratio Lower Upper

50 100

52 39.4 22.8 42.4



#6

Bromomethane

Concen: 6.674 ug/L

RT: 1.500 min Scan# 143

Delta R.T. 0.016 min

Lab File: VV036016.D

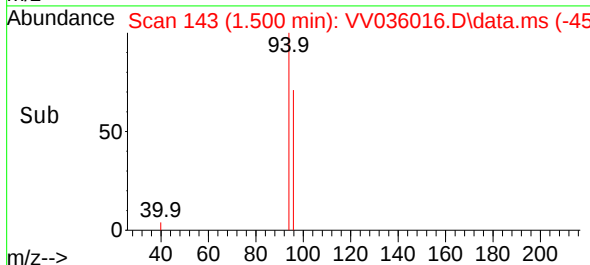
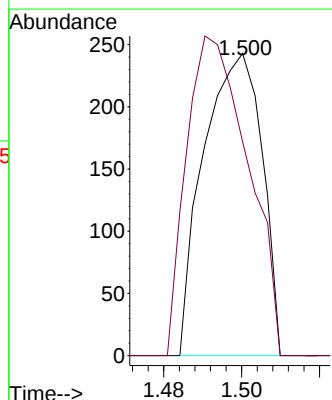
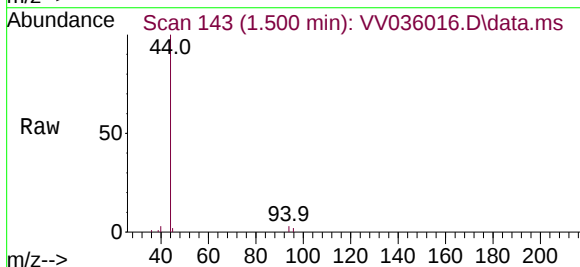
Acq: 07 Jun 2024 17:32

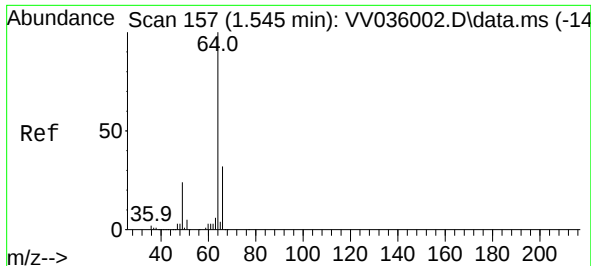
Tgt Ion: 94 Resp: 252

Ion Ratio Lower Upper

94 100

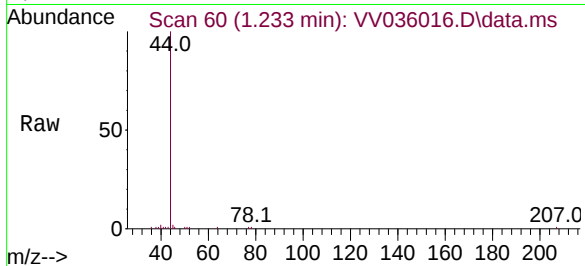
96 70.8 65.7 122.1



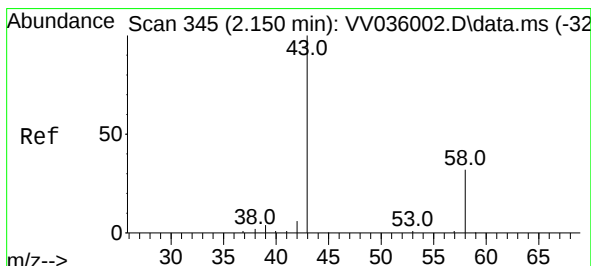
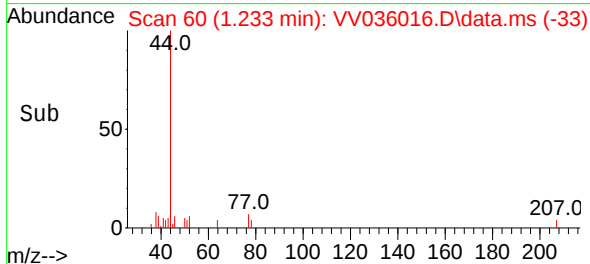
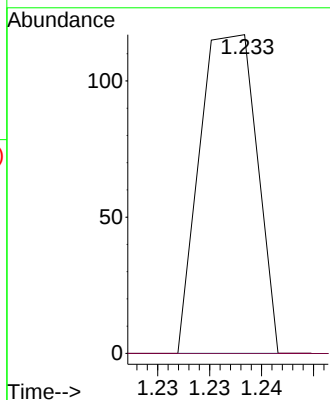


#8
Chloroethane
Concen: 1.189 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.312 min
Lab File: VV036016.D
Acq: 07 Jun 2024 17:32

Instrument :
MSVOA_V
ClientSampleId :

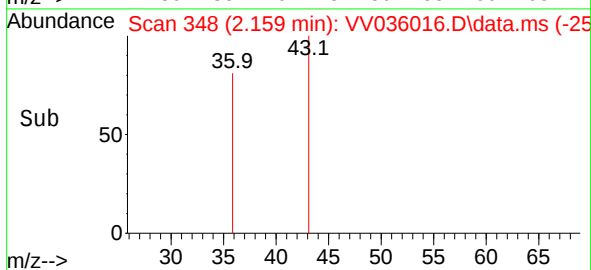
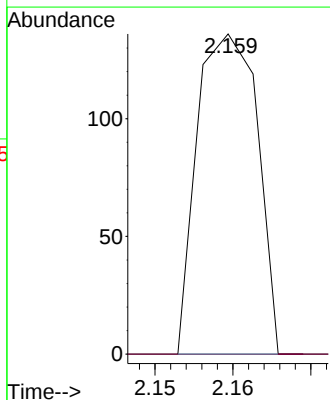
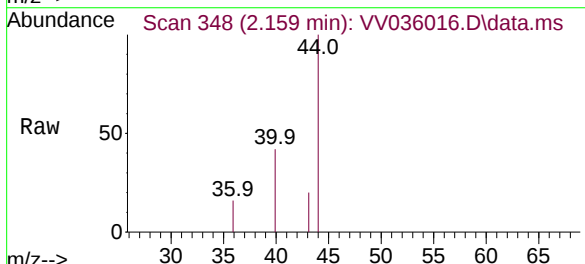


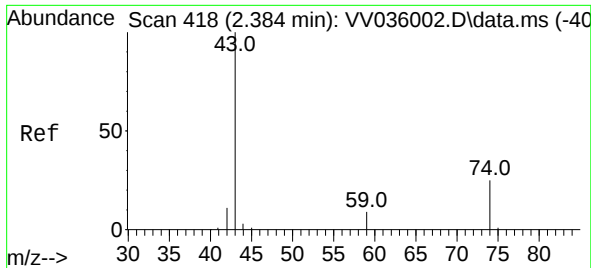
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 22.0 41.0#



#13
Acetone
Concen: 3.976 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.010 min
Lab File: VV036016.D
Acq: 07 Jun 2024 17:32

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 0.0 24.2

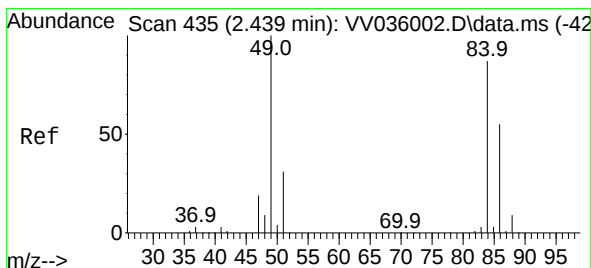
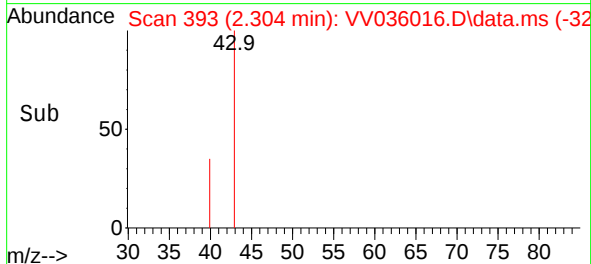
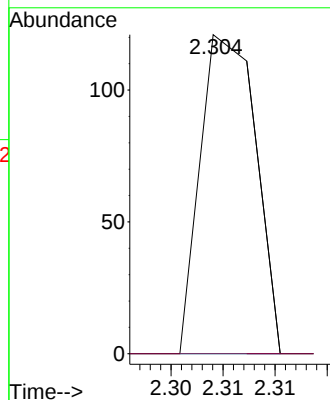
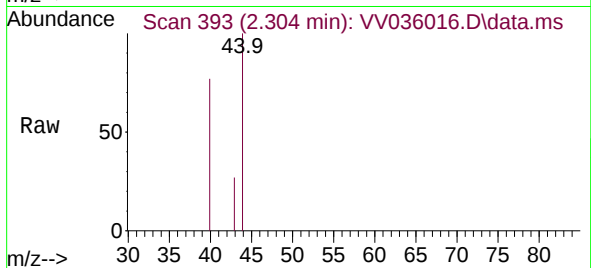




#15
Methyl Acetate
Concen: 1.972 ug/L
RT: 2.304 min Scan# 393
Delta R.T. -0.080 min
Lab File: VV036016.D
Acq: 07 Jun 2024 17:32

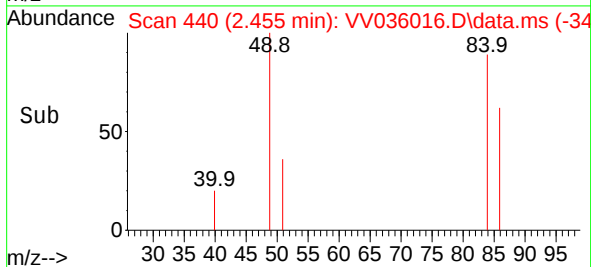
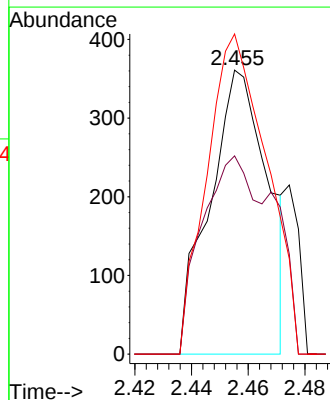
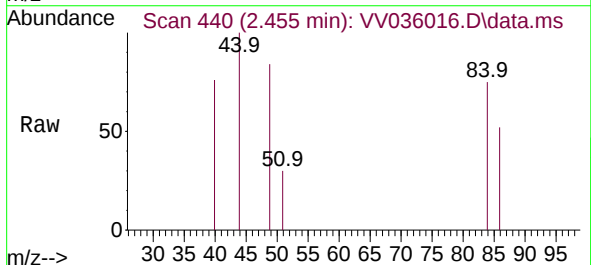
Instrument :
MSVOA_V
ClientSampleId :

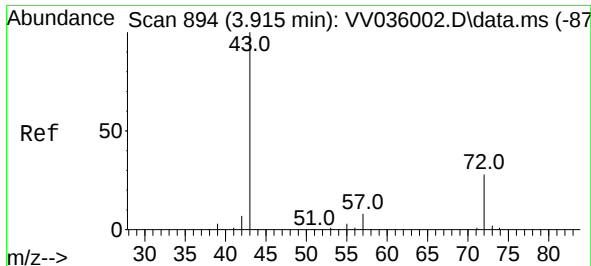
Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.2#



#16
Methylene chloride
Concen: 8.051 ug/L
RT: 2.455 min Scan# 440
Delta R.T. 0.016 min
Lab File: VV036016.D
Acq: 07 Jun 2024 17:32

Tgt Ion: 84 Resp: 509
Ion Ratio Lower Upper
84 100
86 69.8 44.6 82.8
49 112.7 81.1 150.5





#22

2-Butanone

Concen: 4.301 ug/L

RT: 3.722 min Scan# 84

Delta R.T. -0.193 min

Lab File: VV036016.D

Acq: 07 Jun 2024 17:32

Instrument :

MSVOA_V

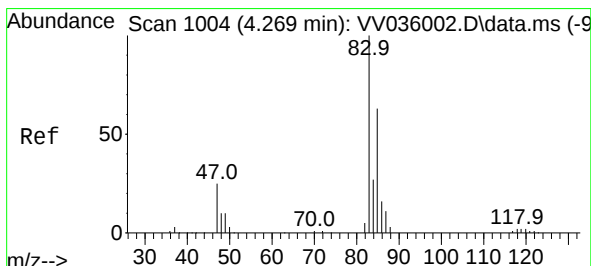
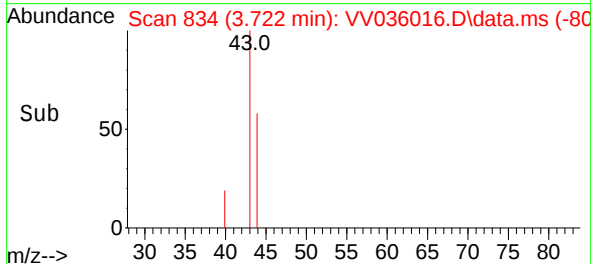
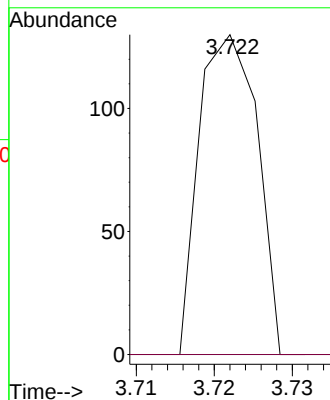
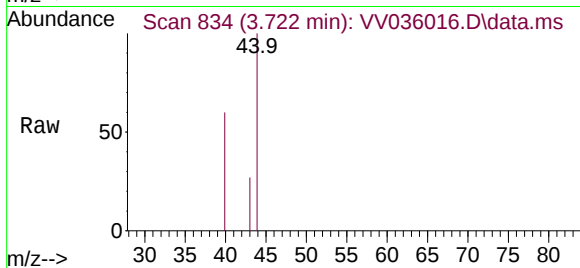
ClientSampleId :

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

72 0.0 8.2 24.4#



#25

Chloroform

Concen: 2.868 ug/L

RT: 4.301 min Scan# 1014

Delta R.T. 0.032 min

Lab File: VV036016.D

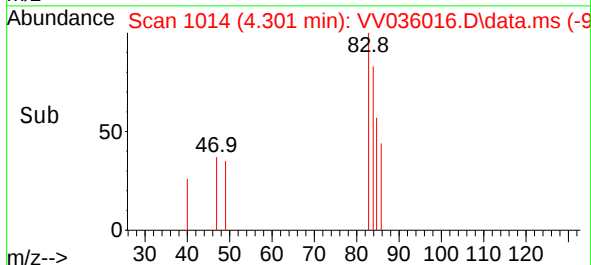
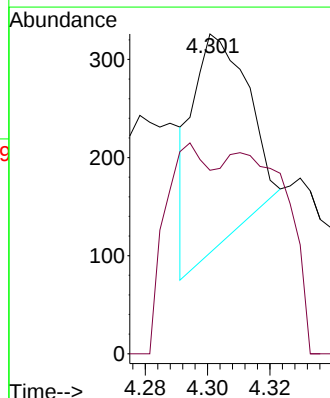
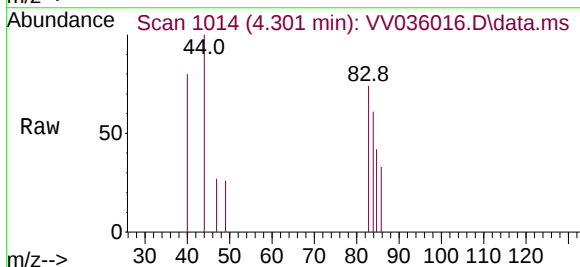
Acq: 07 Jun 2024 17:32

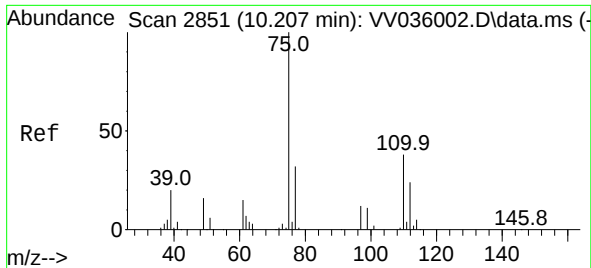
Tgt Ion: 83 Resp: 267

Ion Ratio Lower Upper

83 100

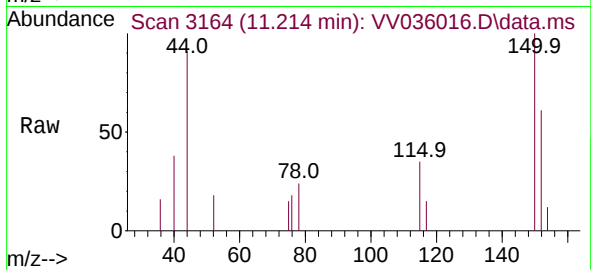
85 57.4 45.2 84.0





#61
 1,2,3-Trichloropropane
 Concen: 1.686 ug/L
 RT: 11.214 min Scan# 31
 Delta R.T. 1.006 min
 Lab File: VV036016.D
 Acq: 07 Jun 2024 17:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	48
Ion	Ratio	Lower Upper
75	100	
77	354.2	26.0 39.0#
110	0.0	32.2 48.4#

