

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022324\
 Data File : VW034371.D
 Acq On : 23 Feb 2024 13:21
 Operator : SY/MD
 Sample : VIBLK328
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 24 00:47:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 24 00:41:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	61418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	57972	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	29418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	22823	4.798	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.000%
7) Chloroethane-d5	1.536	69	18597	4.464	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.060	65	10173	4.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%
20) 2-Butanone-d5	3.818	46	44431	55.617	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.240%
24) Chloroform-d	4.256	84	39738	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	4.950	65	22531	5.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.600%
32) Benzene-d6	4.963	84	77087	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	5.992	67	22869	4.704	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.246	98	68954	4.314	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
43) trans-1,3-Dichloroprop...	7.567	79	5236	2.852	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.000%
46) 2-Hexanone-d5	8.030	63	41137	62.770	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.540%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17144	5.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	26136	4.885	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						Qvalue
3) Chloromethane	1.217	50	2097	0.342	ug/L #	78
5) Vinyl chloride	1.285	62	24786	4.225	ug/L	82
8) Chloroethane	1.320	64	220411	55.073	ug/L #	52
13) Acetone	2.153	43	3236	5.339	ug/L	91
14) Carbon disulfide	2.243	76	24014	1.730	ug/L	100
16) Methylene chloride	2.452	84	6741	1.637	ug/L	99
17) Methyl tert-butyl Ether	2.709	73	106505	12.081	ug/L	99
18) trans-1,2-Dichloroethene	2.696	96	180732	41.356	ug/L	97
19) 1,1-Dichloroethane	3.121	63	6980	0.869	ug/L	94
22) cis-1,2-Dichloroethene	3.818	96	31168	6.286	ug/L	94
33) Benzene	5.027	78	2633	0.151	ug/L	100
35) Methylcyclohexane	5.992	83	5356	0.678	ug/L #	22
37) 1,2-Dichloropropane	5.995	63	3161	0.750	ug/L #	87
42) Toluene	7.333	91	1987	0.107	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	3589	1.775	ug/L #	59
67) 1,2-Dichlorobenzene	11.580	146	1926	0.236	ug/L	94

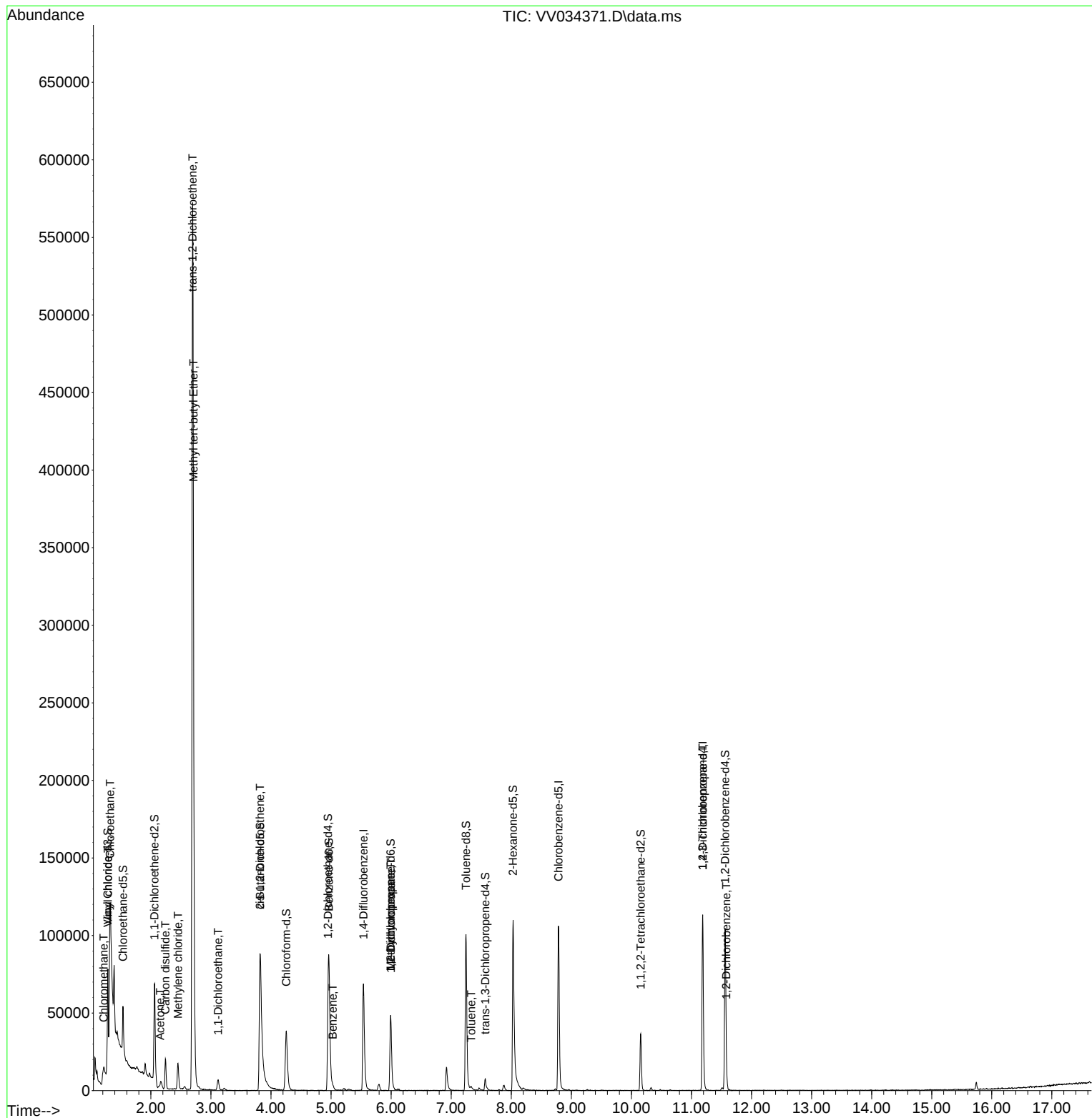
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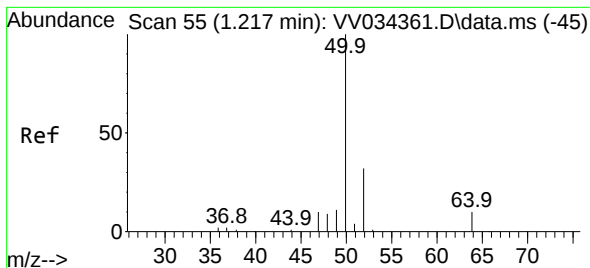
Instrument :
MSVOA_V
ClientSampleId :

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QLast Update : Sat Feb 24 00:41:32 2024
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.342 ug/L

RT: 1.217 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

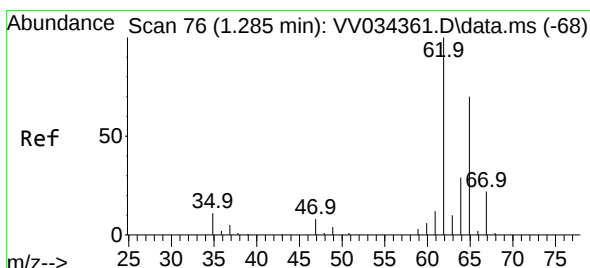
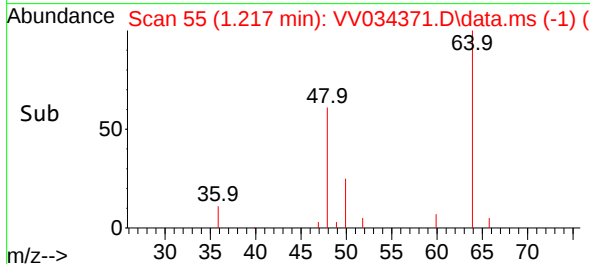
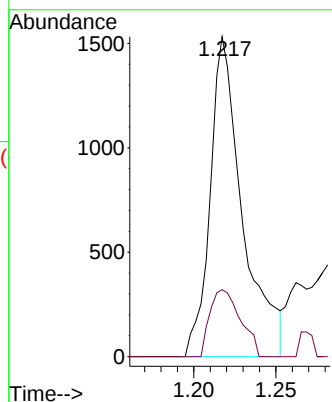
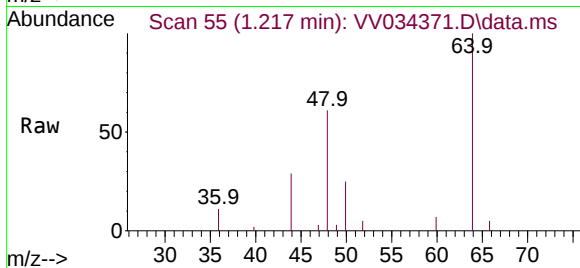
ClientSampleId :

Tgt Ion: 50 Resp: 2097

Ion Ratio Lower Upper

50 100

52 21.0 23.4 43.4#



#5

Vinyl chloride

Concen: 4.225 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.000 min

Lab File: VV034371.D

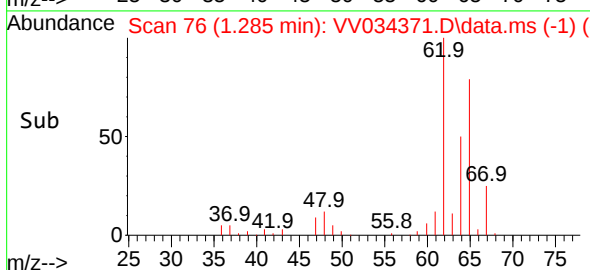
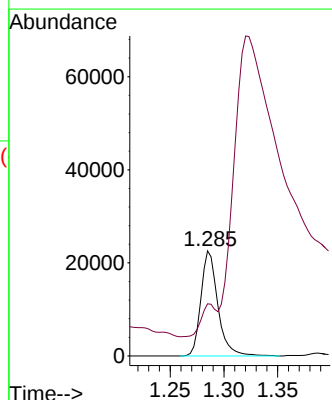
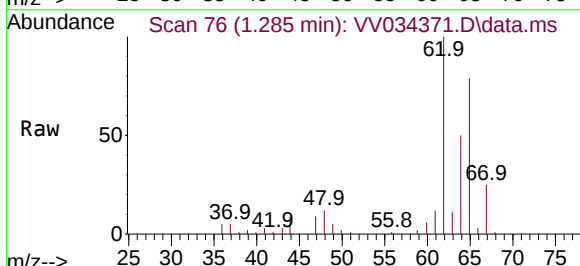
Acq: 23 Feb 2024 13:21

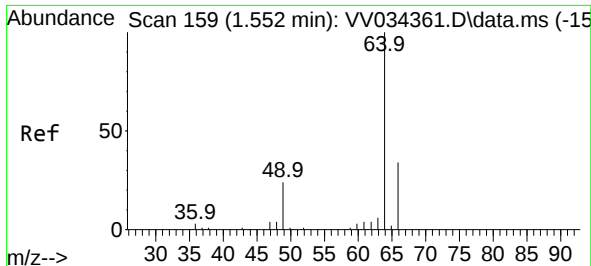
Tgt Ion: 62 Resp: 24786

Ion Ratio Lower Upper

62 100

64 49.7 27.2 50.4





#8

Chloroethane

Concen: 55.073 ug/L

RT: 1.320 min Scan# 81

Delta R.T. -0.232 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

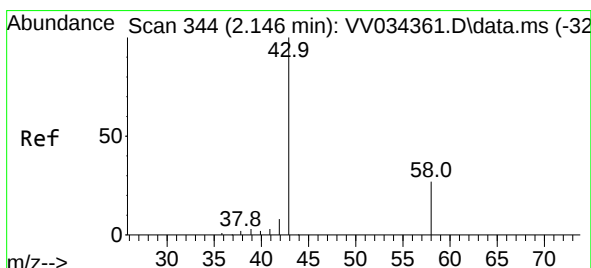
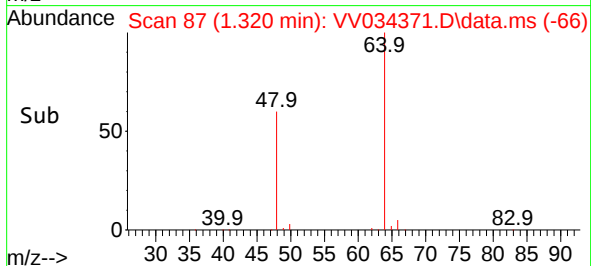
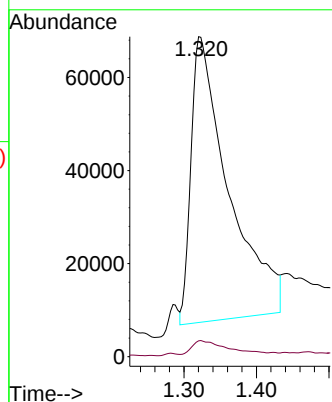
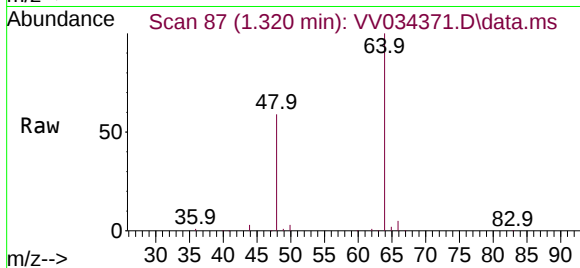
ClientSampleId :

Tgt Ion: 64 Resp: 220411

Ion Ratio Lower Upper

64 100

66 5.0 22.0 41.0#



#13

Acetone

Concen: 5.339 ug/L

RT: 2.153 min Scan# 346

Delta R.T. 0.006 min

Lab File: VV034371.D

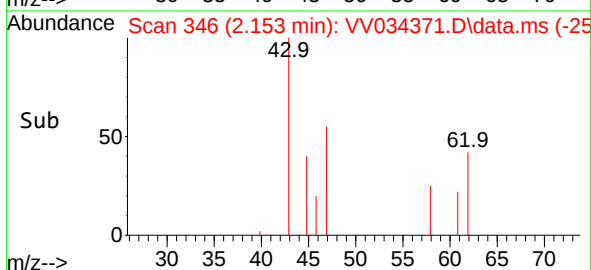
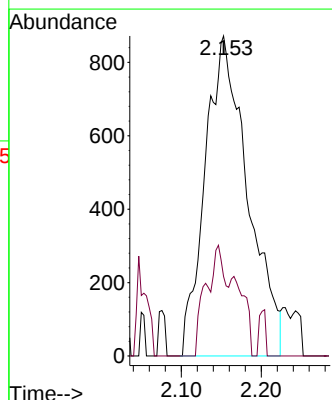
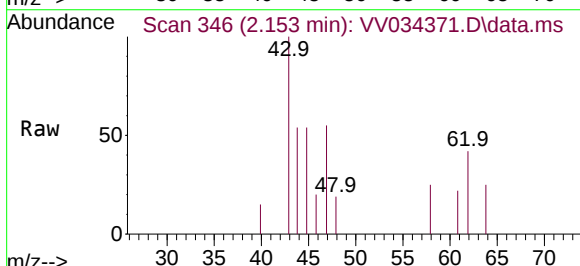
Acq: 23 Feb 2024 13:21

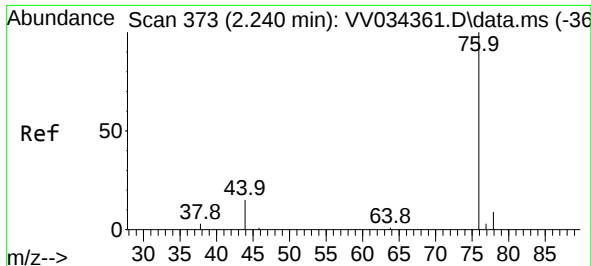
Tgt Ion: 43 Resp: 3236

Ion Ratio Lower Upper

43 100

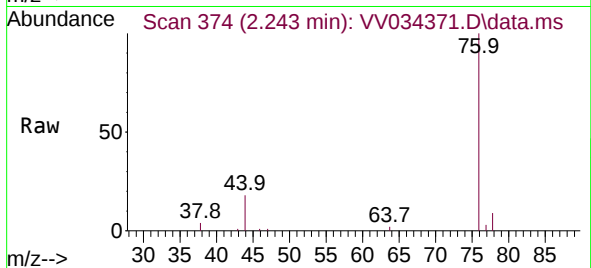
58 10.0 0.0 13.8



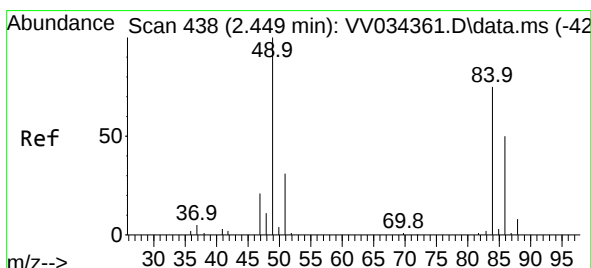
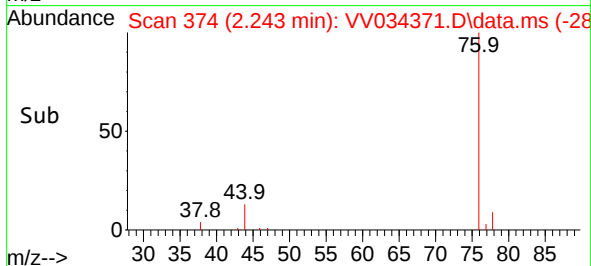
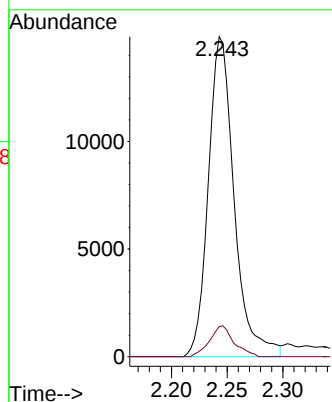


#14
Carbon disulfide
Concen: 1.730 ug/L
RT: 2.243 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Instrument :
MSVOA_V
ClientSampleId :

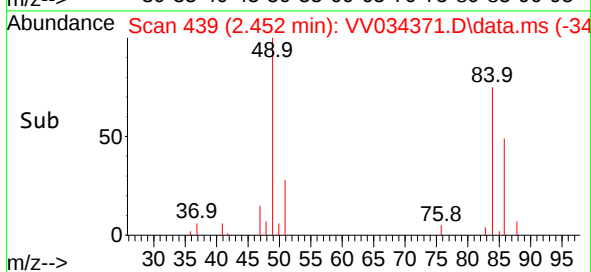
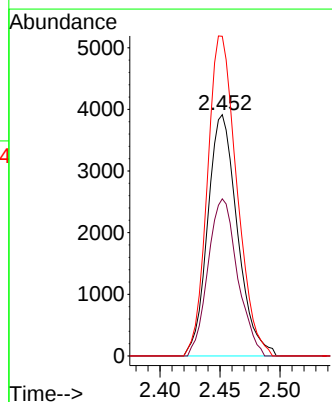
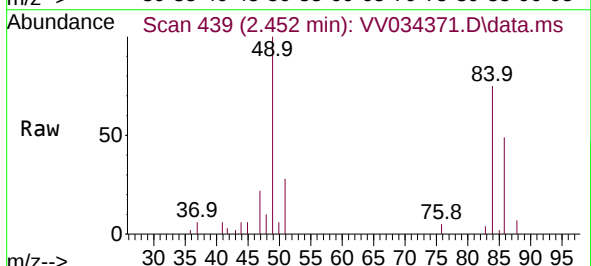


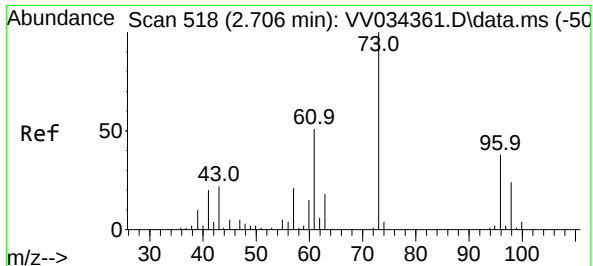
Tgt Ion: 76 Resp: 24014
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#16
Methylene chloride
Concen: 1.637 ug/L
RT: 2.452 min Scan# 439
Delta R.T. 0.003 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 84 Resp: 6741
Ion Ratio Lower Upper
84 100
86 65.1 44.7 83.1
49 132.5 93.7 173.9





#17

Methyl tert-butyl Ether

Concen: 12.081 ug/L

RT: 2.709 min Scan# 518

Delta R.T. 0.003 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

ClientSampleId :

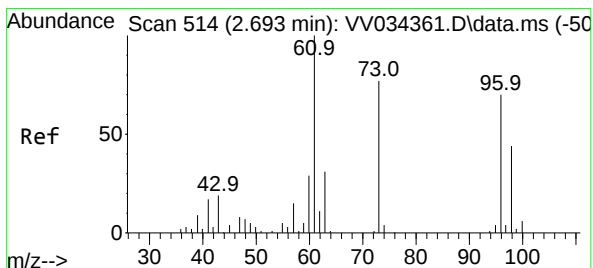
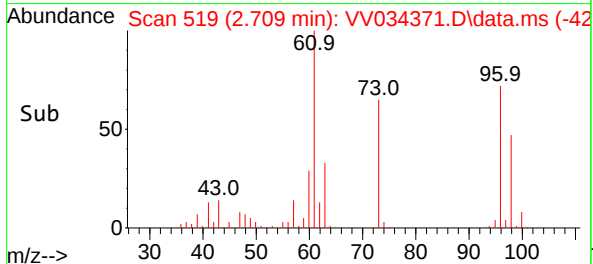
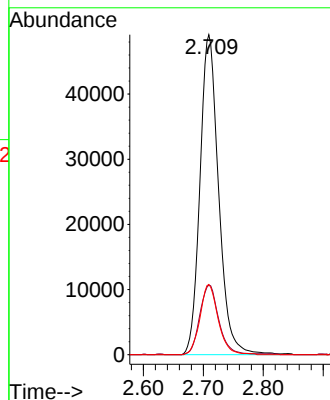
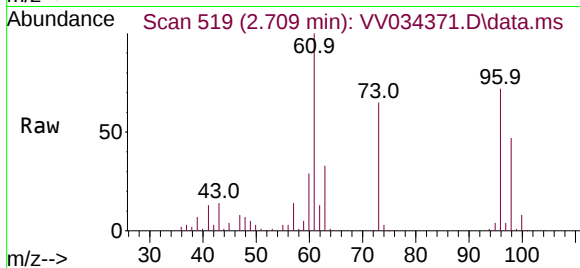
Tgt Ion: 73 Resp: 106505

Ion Ratio Lower Upper

73 100

43 22.1 17.7 26.5

57 21.2 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 41.356 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.003 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

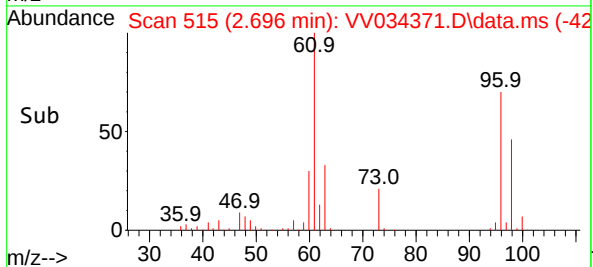
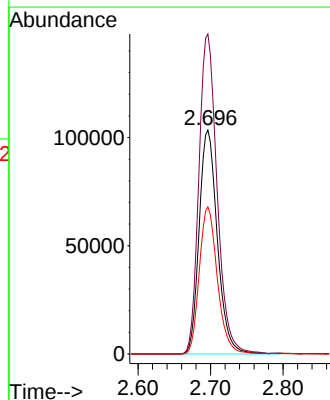
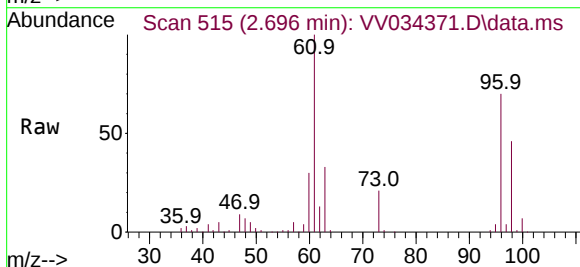
Tgt Ion: 96 Resp: 180732

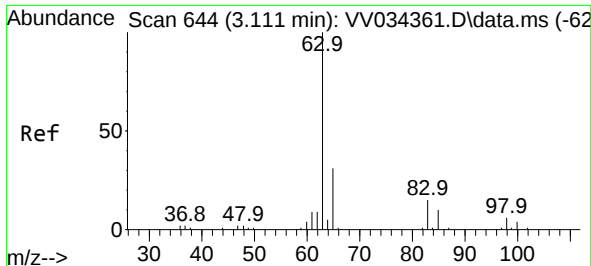
Ion Ratio Lower Upper

96 100

61 142.9 97.6 181.4

98 65.7 44.4 82.5





#19

1,1-Dichloroethane

Concen: 0.869 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.010 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

ClientSampleId :

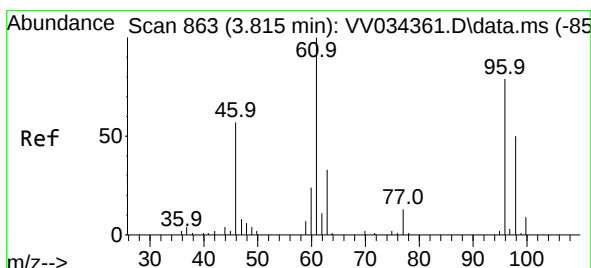
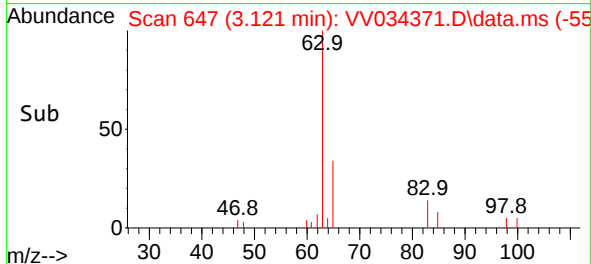
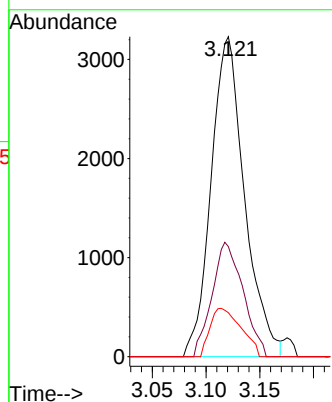
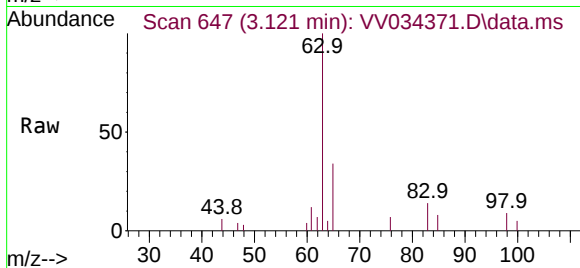
Tgt Ion: 63 Resp: 6980

Ion Ratio Lower Upper

63 100

65 34.4 20.8 38.6

83 13.7 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 6.286 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

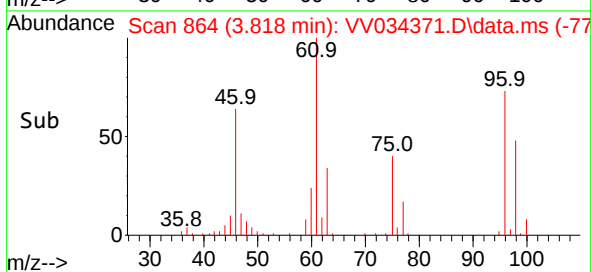
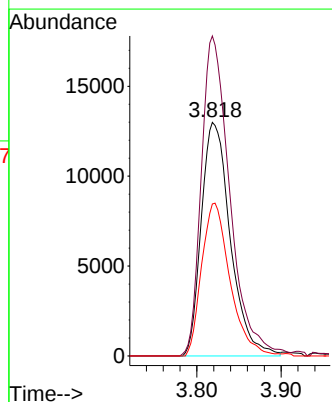
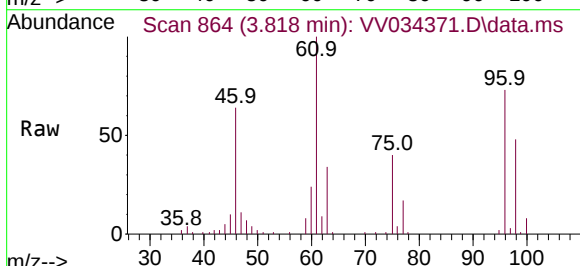
Tgt Ion: 96 Resp: 31168

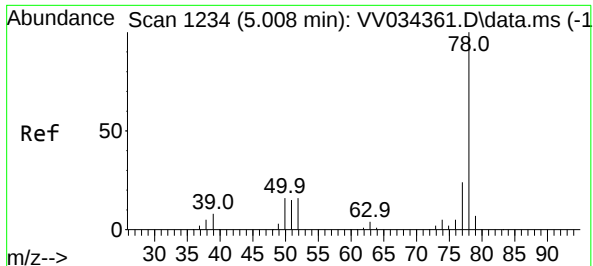
Ion Ratio Lower Upper

96 100

61 137.0 90.3 167.7

98 65.1 43.2 80.2

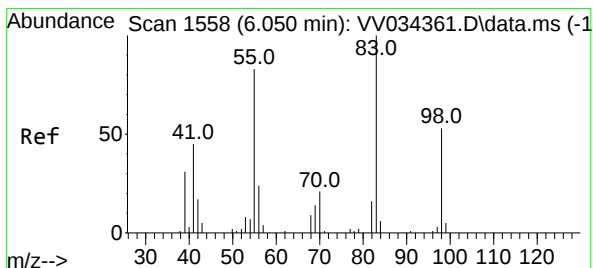
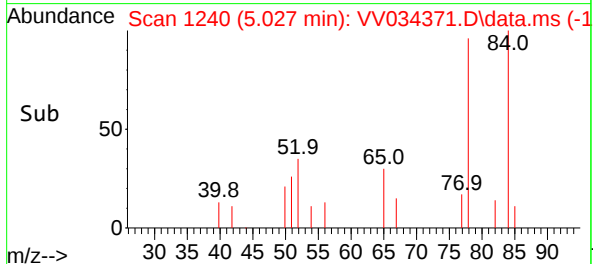
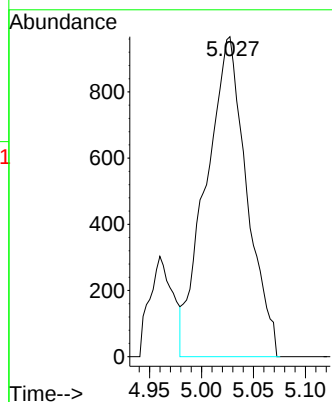
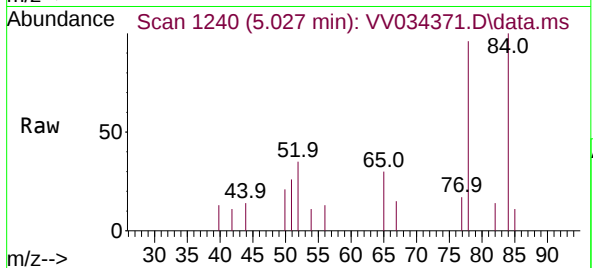




#33
Benzene
Concen: 0.151 ug/L
RT: 5.027 min Scan# 11
Delta R.T. 0.019 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

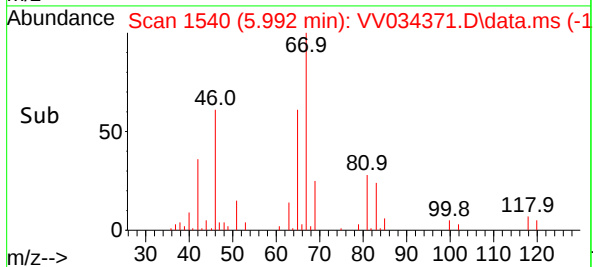
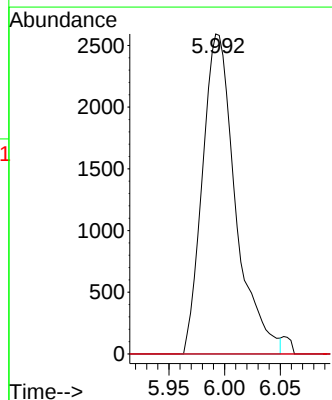
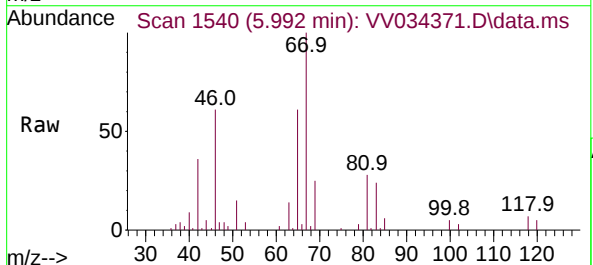
Instrument :
MSVOA_V
ClientSampleId :

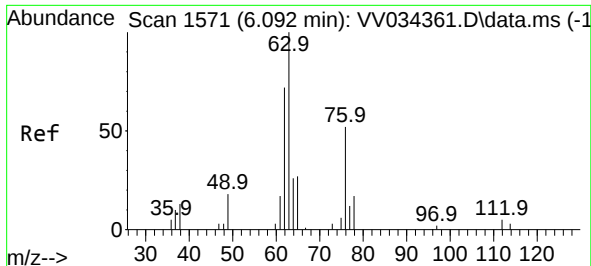
Tgt Ion: 78 Resp: 2633



#35
Methylcyclohexane
Concen: 0.678 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV034371.D
Acq: 23 Feb 2024 13:21

Tgt Ion: 83 Resp: 5356
Ion Ratio Lower Upper
83 100
55 8.1 63.5 95.3#
98 0.0 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.750 ug/L

RT: 5.995 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

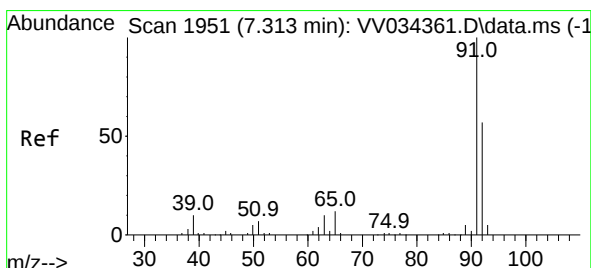
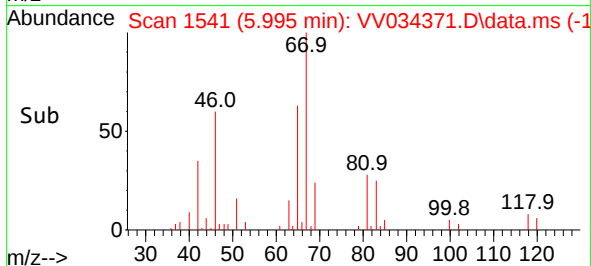
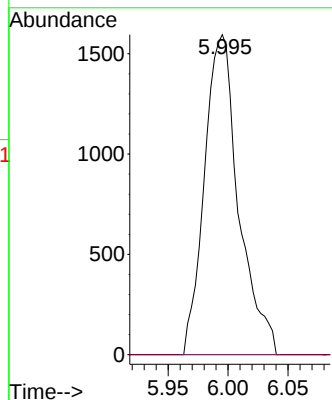
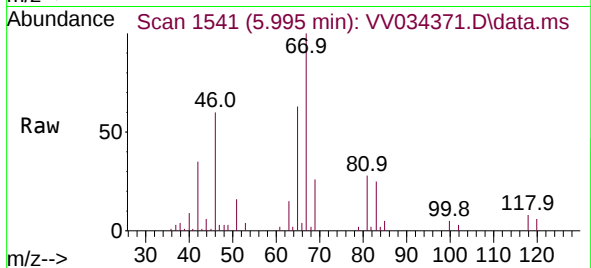
ClientSampleId :

Tgt Ion: 63 Resp: 3161

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#42

Toluene

Concen: 0.107 ug/L

RT: 7.333 min Scan# 1957

Delta R.T. 0.019 min

Lab File: VV034371.D

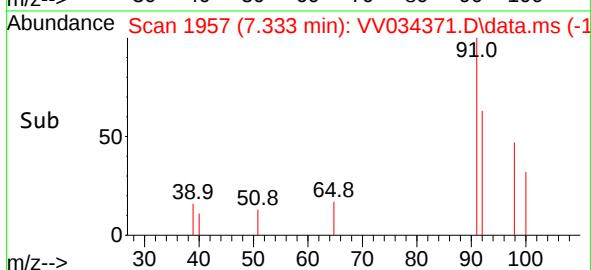
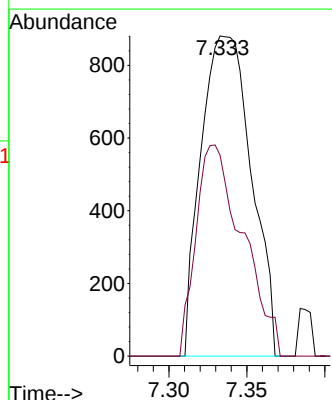
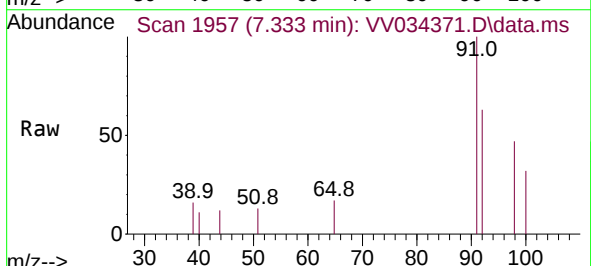
Acq: 23 Feb 2024 13:21

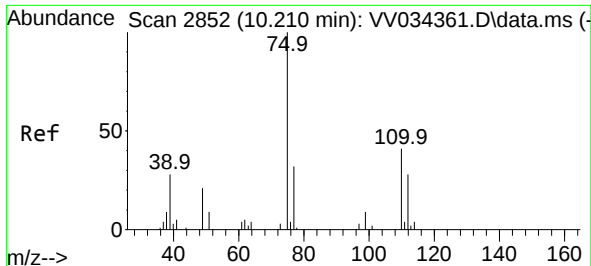
Tgt Ion: 91 Resp: 1987

Ion Ratio Lower Upper

91 100

92 62.8 42.1 78.3





#61

1,2,3-Trichloropropane

Concen: 1.775 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Instrument :

MSVOA_V

ClientSampleId :

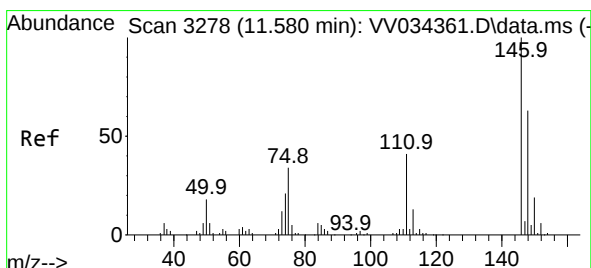
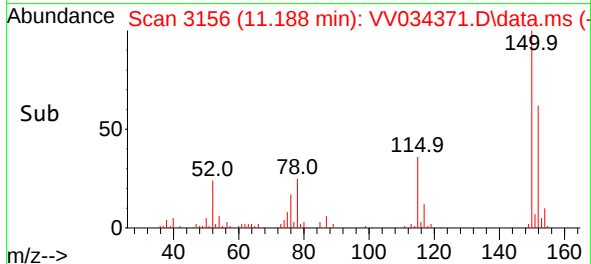
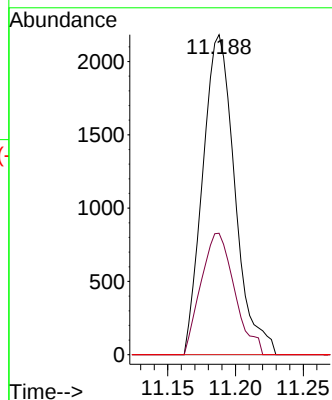
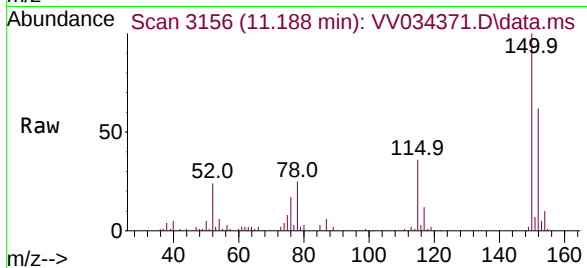
Tgt Ion: 75 Resp: 3589

Ion Ratio Lower Upper

75 100

77 39.7 26.9 40.3

110 0.0 33.3 49.9#



#67

1,2-Dichlorobenzene

Concen: 0.236 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. -0.000 min

Lab File: VV034371.D

Acq: 23 Feb 2024 13:21

Tgt Ion:146 Resp: 1926

Ion Ratio Lower Upper

146 100

111 39.4 31.2 46.8

148 54.5 49.8 74.8

