

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029381.D
 Acq On : 27 Jun 2024 15:09
 Operator : SY/MD
 Sample : P3065-12
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DK1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 00:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	268941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	242845	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	109400	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	56782	15.254	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.000%
7) Chloroethane-d5	2.893	69	48532	15.439	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.760%
11) 1,1-Dichloroethene-d2	4.021	65	28568	15.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.560%
21) 2-Butanone-d5	7.075	46	46733	41.962	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.920%
24) Chloroform-d	7.648	84	166360	20.736	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.960%
26) 1,2-Dichloroethane-d4	8.307	65	86017	18.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	74.680%
32) Benzene-d6	8.276	84	275364	18.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.680%
36) 1,2-Dichloropropane-d6	9.270	67	92530	19.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.920%
41) Toluene-d8	10.325	98	250964	19.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.920%
43) trans-1,3-Dichloroprop...	10.575	79	37723	19.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.840%
47) 2-Hexanone-d5	10.922	63	31316	42.605	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.200%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	75127	20.132	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	13.848	152	82312m	21.676	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.720%
Target Compounds						
					Qvalue	
13) Acetone	4.119	43	81980	86.618	ug/L	95
16) Methylene chloride	4.917	84	294194	62.211	ug/L	91
18) Methyl tert-butyl Ether	5.423	73	301505	54.455	ug/L	98
22) 2-Butanone	7.167	43	202858	156.358	ug/L	97
25) Chloroform	7.673	83	536285	73.477	ug/L	99
31) Carbon tetrachloride	8.069	117	423301	85.810	ug/L	98
33) Benzene	8.325	78	373210	25.577	ug/L	100
34) Trichloroethene	9.087	95	403853	103.742	ug/L	92
38) Bromodichloromethane	9.642	83	528548	105.435	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	92312	15.927	ug/L	99
40) 4-Methyl-2-pentanone	10.203	43	262999	103.491	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	298445	60.983	ug/L	97
45) 1,1,2-Trichloroethane	10.782	97	237360	83.122	ug/L	97
49) Dibromochloromethane	11.129	129	134938	45.205	ug/L	97
50) 1,2-Dibromoethane	11.233	107	229042	89.353	ug/L	96
51) Chlorobenzene	11.654	112	338562	34.757	ug/L	98
52) Ethylbenzene	11.727	91	360373	21.164	ug/L	99
53) m,p-Xylene	11.831	106	354530	57.003	ug/L	95
54) o-Xylene	12.160	106	581769	100.085	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
 Data File : VW029381.D
 Acq On : 27 Jun 2024 15:09
 Operator : SY/MD
 Sample : P3065-12
 Misc : 5.00g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4DK1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 00:55:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Jun 27 05:32:27 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
55) Styrene	12.178	104	712376	70.290	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	143299	40.569	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	257789	108.034	ug/L	99
67) 1,2-Dichlorobenzene	13.861	146	585392	100.378	ug/L	93
70) 1,2,4-trichlorobenzene	15.129	180	94820	27.474	ug/L	94

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

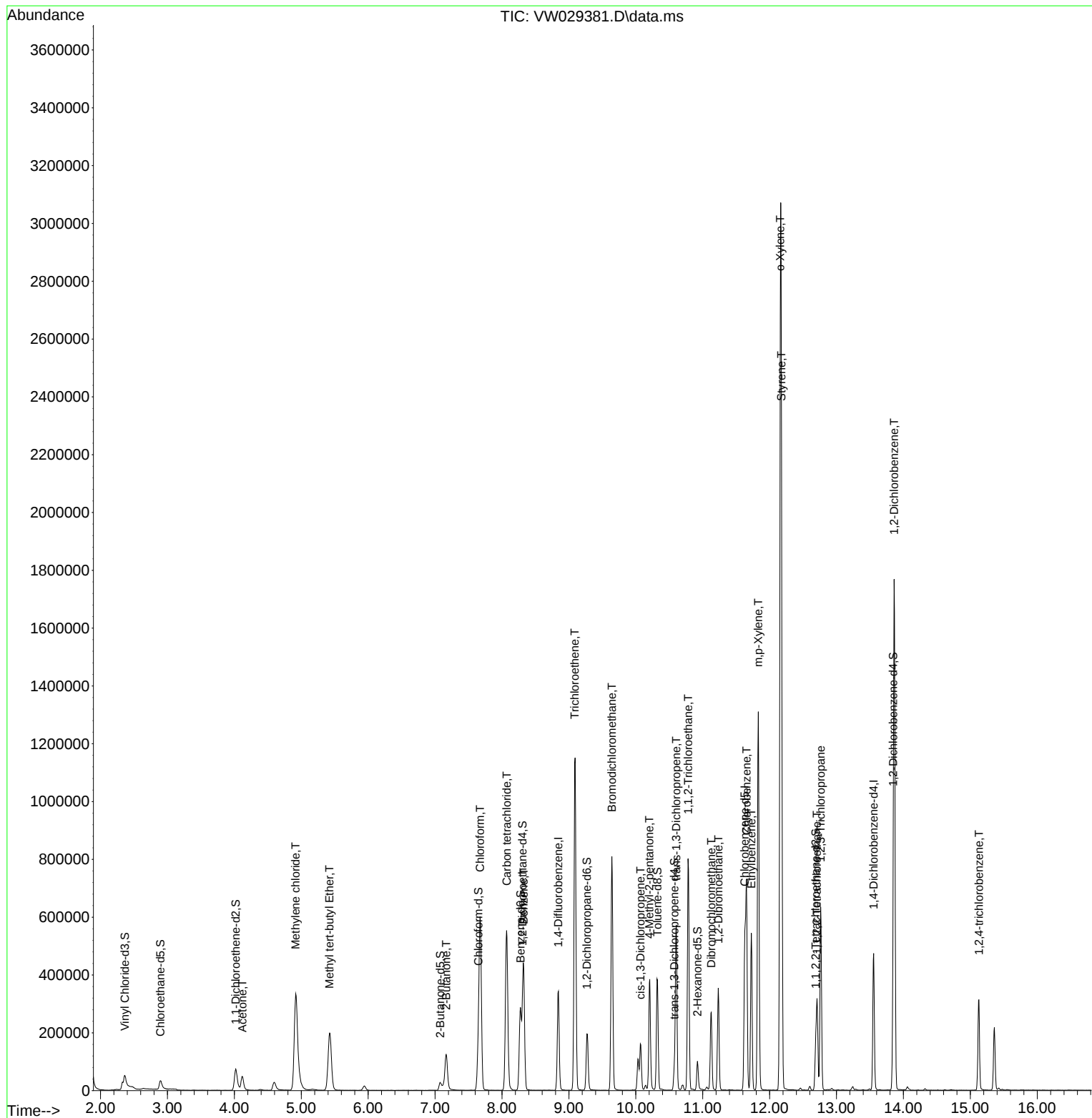
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062724\
Data File : VW029381.D
Acq On : 27 Jun 2024 15:09
Operator : SY/MD
Sample : P3065-12
Misc : 5.00g/10mL/MSVOA_W/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

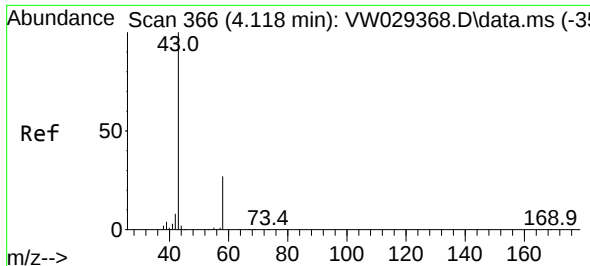
Instrument :
MSVOA_W
ClientSampleId :
A4DK1

Manual Integrations
APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2024
Supervised By : Mahesh Dadoda 07/01/2024

Quant Time: Jun 28 00:55:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Jun 27 05:32:27 2024
Response via : Initial Calibration





#13

Acetone

Concen: 86.618 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_W

ClientSampleId :

A4DK1

Tgt Ion: 43 Resp: 81980

Ion Ratio Lower Upper

43 100

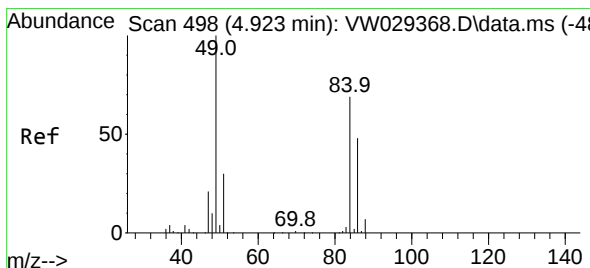
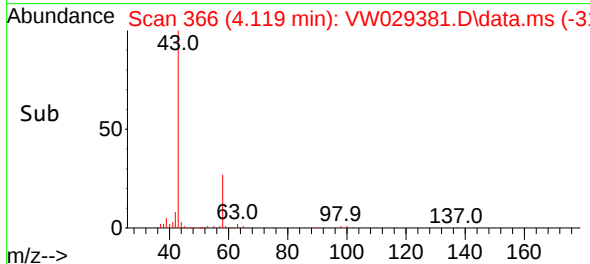
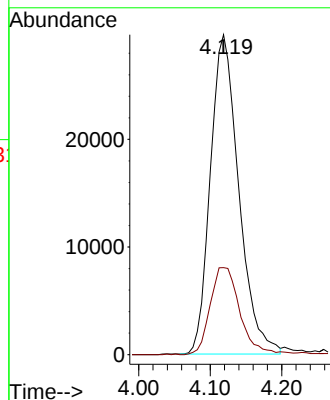
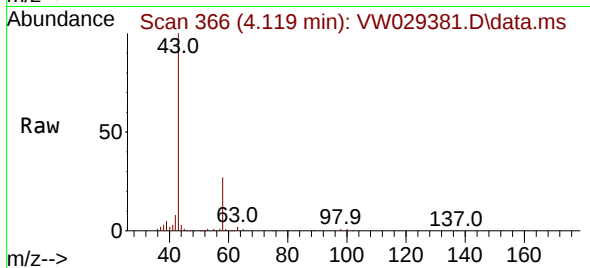
58 28.2 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#16

Methylene chloride

Concen: 62.211 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.012 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

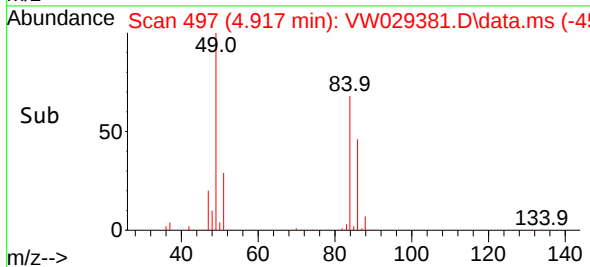
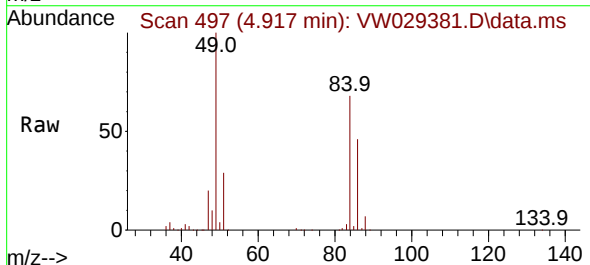
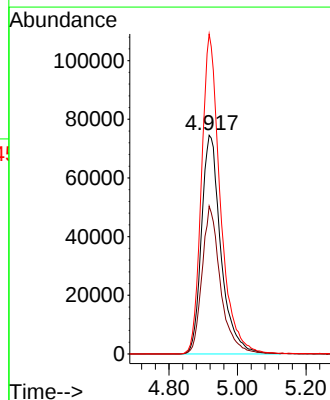
Tgt Ion: 84 Resp: 294194

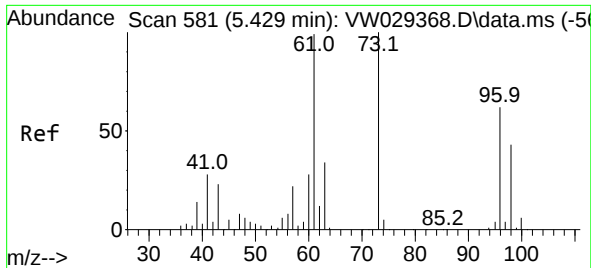
Ion Ratio Lower Upper

84 100

86 67.6 41.4 77.0

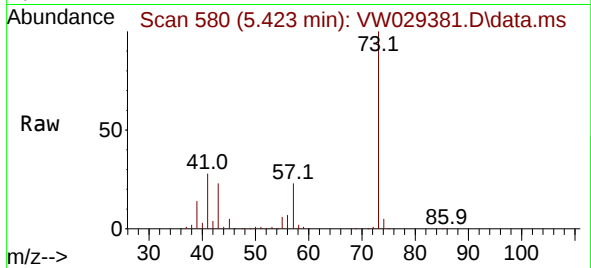
49 146.3 95.7 177.7





#18
Methyl tert-butyl Ether
Concen: 54.455 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

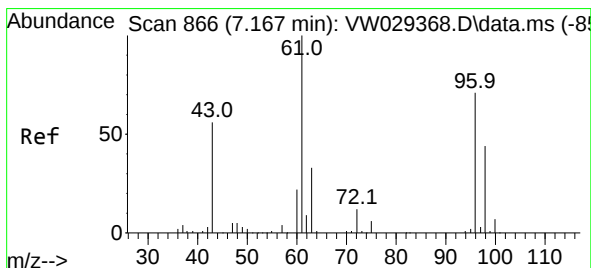
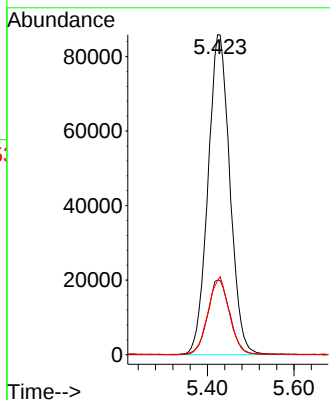
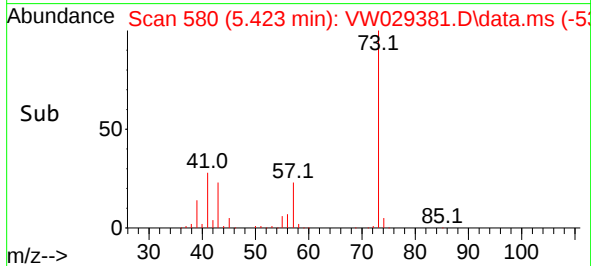
Instrument :
MSVOA_W
ClientSampleId :
A4DK1



Tgt Ion: 73 Resp: 30150
Ion Ratio Lower Upper
73 100
43 23.4 19.5 29.3
57 23.5 18.4 27.6

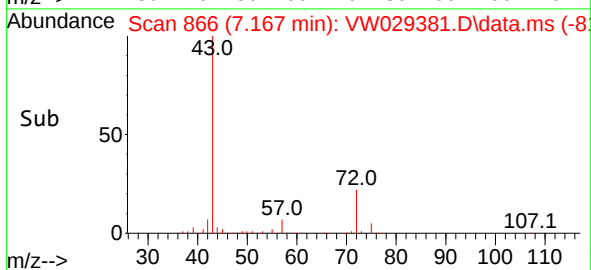
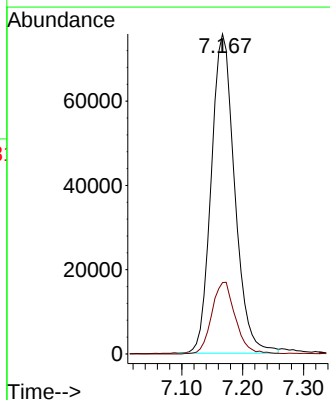
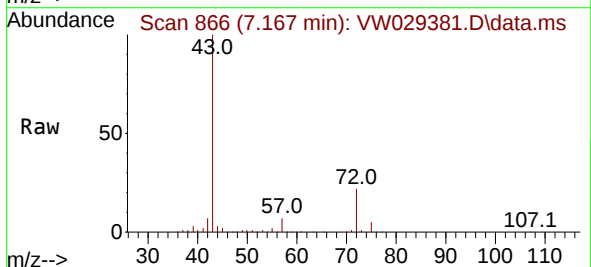
Manual Integrations
APPROVED

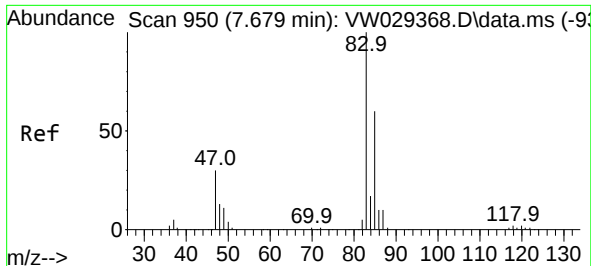
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#22
2-Butanone
Concen: 156.358 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

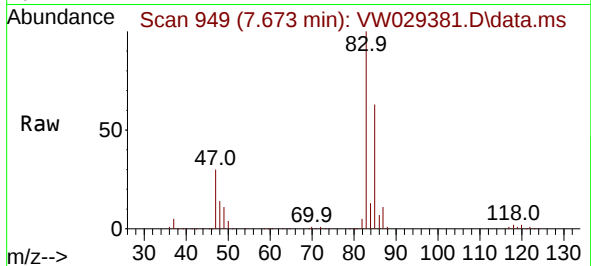
Tgt Ion: 43 Resp: 202858
Ion Ratio Lower Upper
43 100
72 22.6 11.9 35.7





#25
Chloroform
Concen: 73.477 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

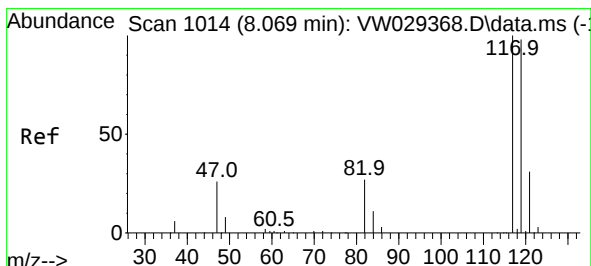
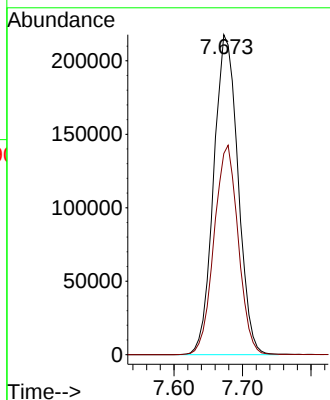
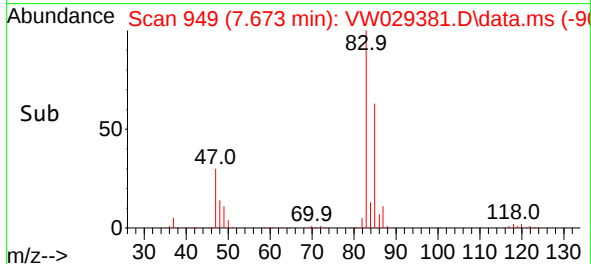
Instrument :
MSVOA_W
ClientSampleId :
A4DK1



Tgt Ion: 83 Resp: 536285
Ion Ratio Lower Upper
83 100
85 62.9 44.4 82.4

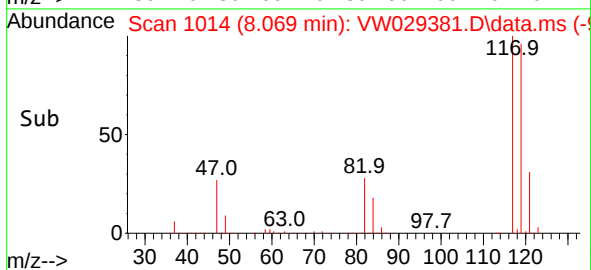
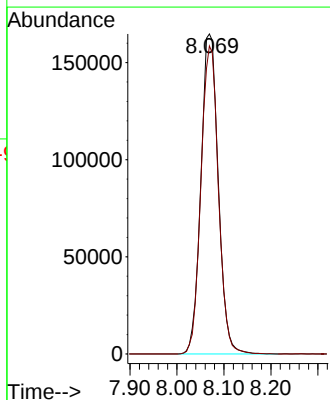
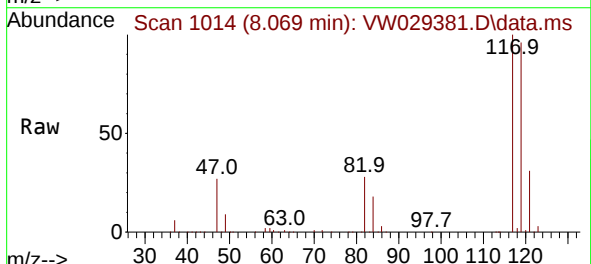
Manual Integrations
APPROVED

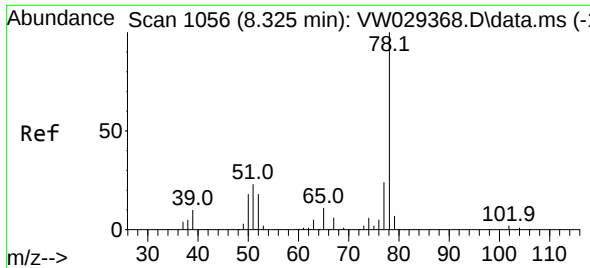
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#31
Carbon tetrachloride
Concen: 85.810 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Tgt Ion:117 Resp: 423301
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.4





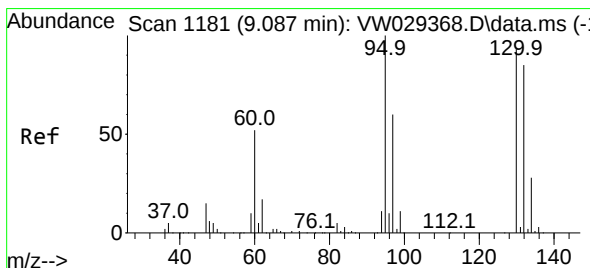
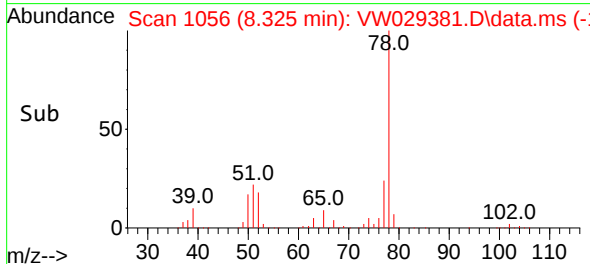
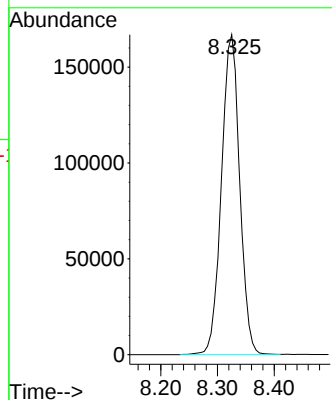
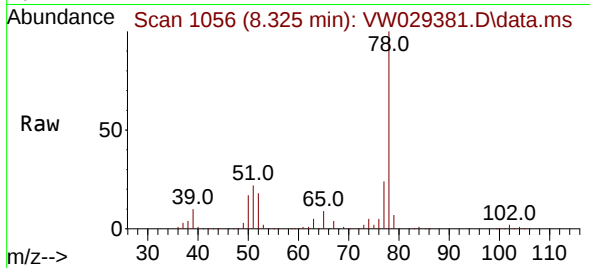
#33
Benzene
Concen: 25.577 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_W
ClientSampleId :
A4DK1

Tgt Ion: 78 Resp: 373210

Manual Integrations
APPROVED

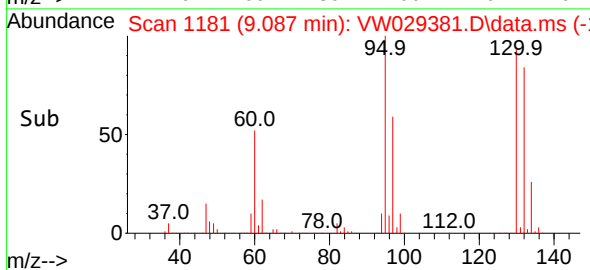
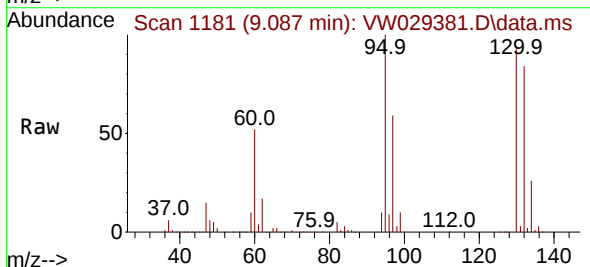
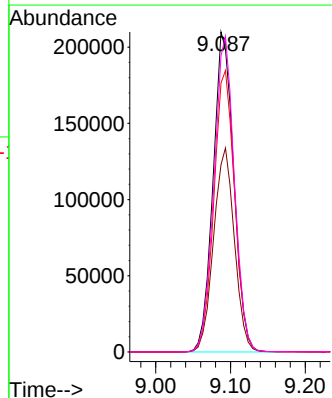
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

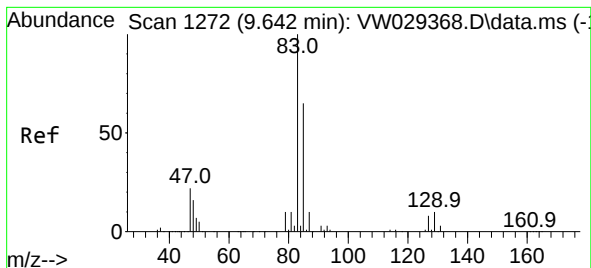


#34
Trichloroethene
Concen: 103.742 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 95 Resp: 403853

Ion	Ratio	Lower	Upper
95	100		
97	58.5	45.7	84.9
132	84.1	66.4	123.4
130	92.5	61.6	114.4





#38

Bromodichloromethane

Concen: 105.435 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_W

ClientSampleId :

A4DK1

Tgt Ion: 83 Resp: 52854

Ion Ratio Lower Upper

83 100

85 61.3 45.1 83.9

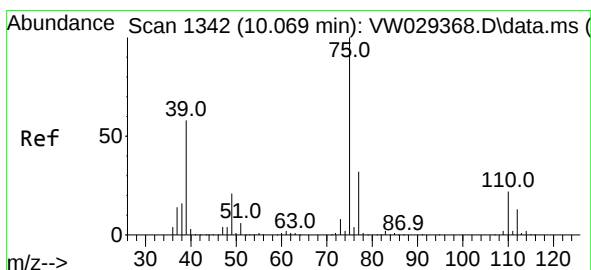
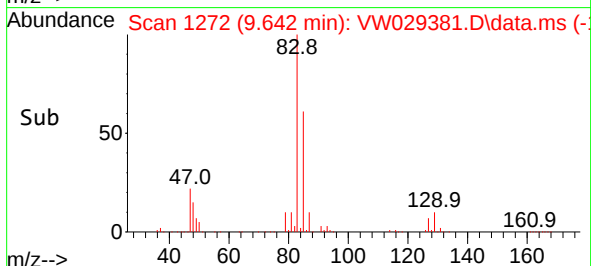
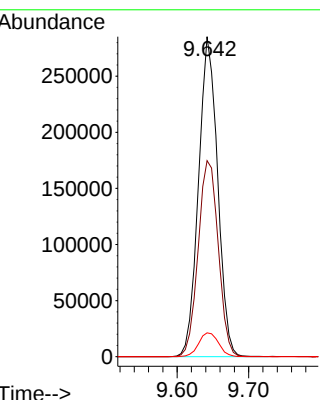
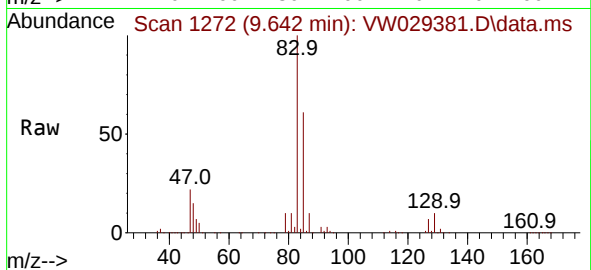
127 7.5 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#39

cis-1,3-Dichloropropene

Concen: 15.927 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029381.D

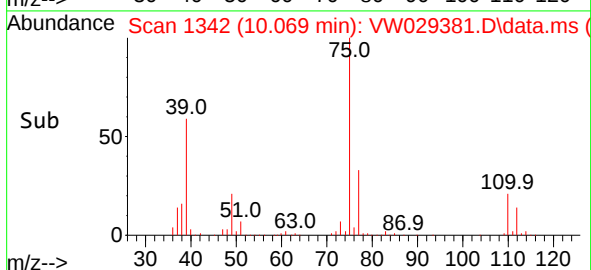
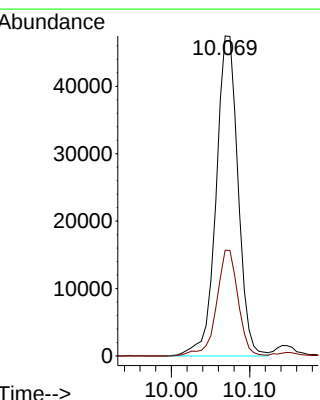
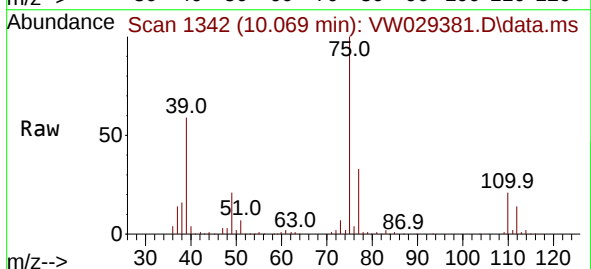
Acq: 27 Jun 2024 15:09

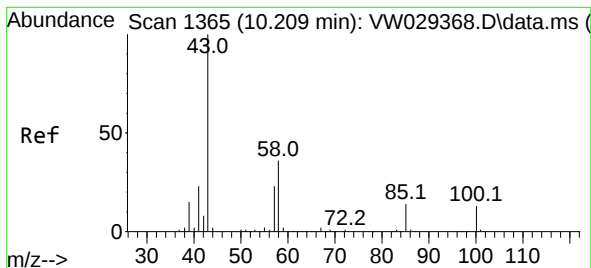
Tgt Ion: 75 Resp: 92312

Ion Ratio Lower Upper

75 100

77 33.0 22.7 42.1





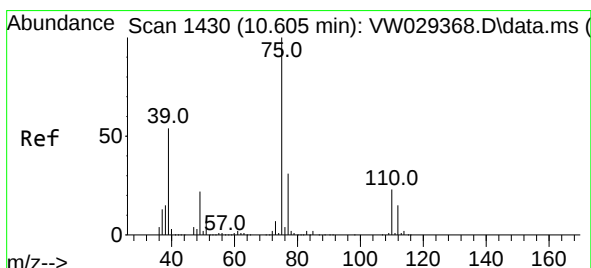
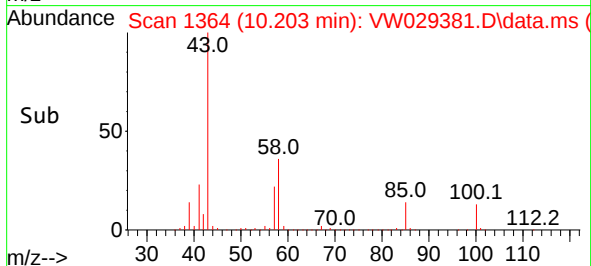
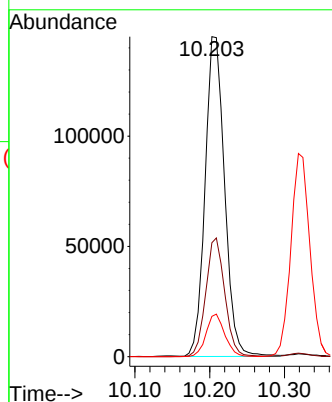
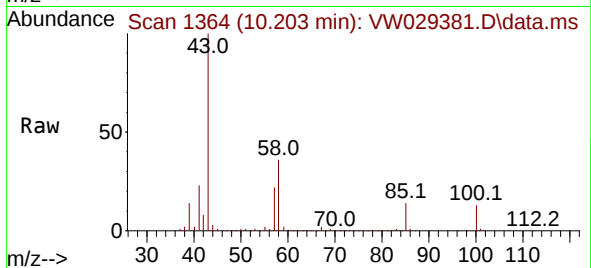
#40
4-Methyl-2-pentanone
Concen: 103.491 ug/L
RT: 10.203 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_W
ClientSampleId :
A4DK1

Tgt Ion: 43 Resp: 262999
Ion Ratio Lower Upper
43 100
58 36.0 28.2 42.4
100 12.8 11.0 16.4

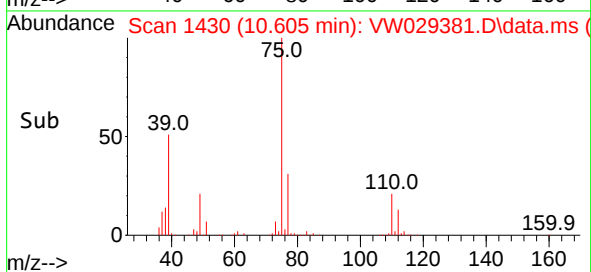
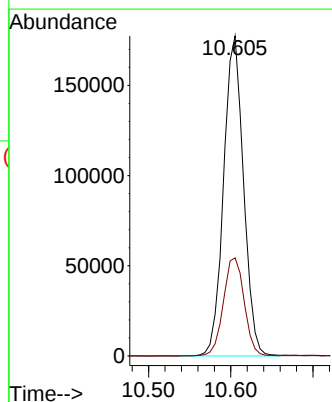
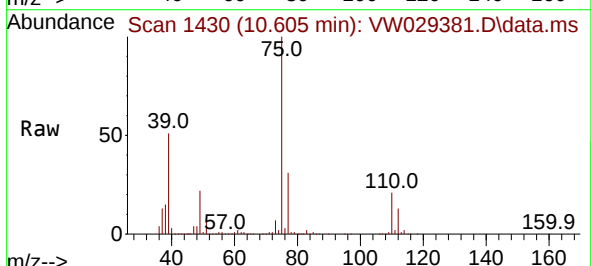
Manual Integrations
APPROVED

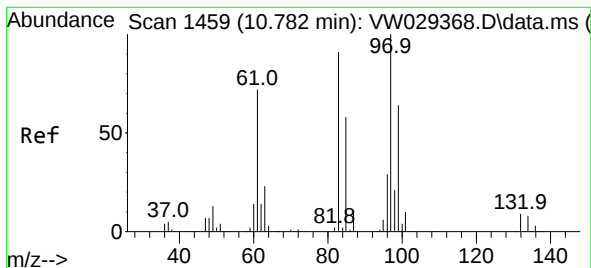
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#44
trans-1,3-Dichloropropene
Concen: 60.983 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 75 Resp: 298445
Ion Ratio Lower Upper
75 100
77 30.7 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 83.122 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_W

ClientSampleId :

A4DK1

Tgt Ion: 97 Resp: 237360

Ion Ratio Lower Upper

97 100

99 59.3 42.3 78.5

83 86.9 57.7 107.1

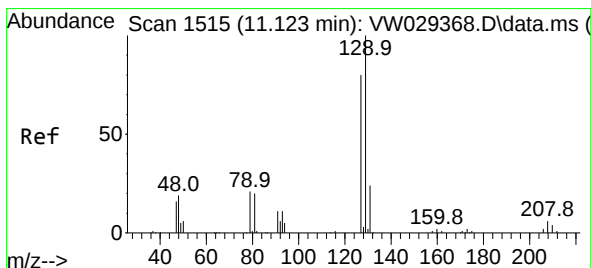
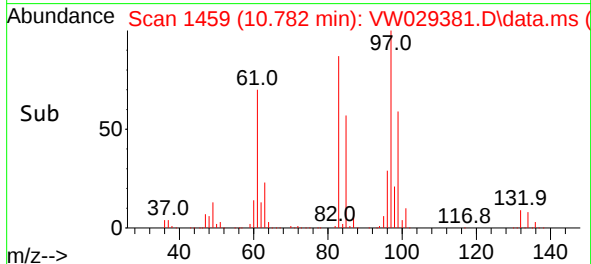
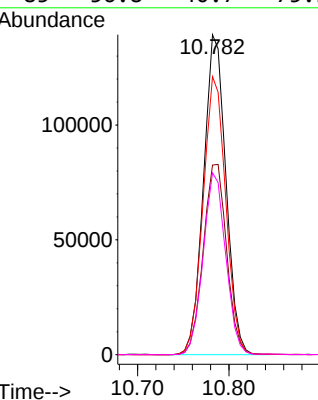
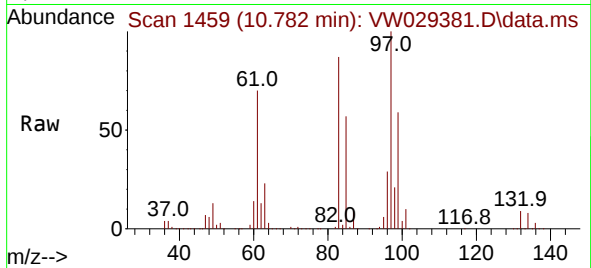
85 56.8 40.7 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#49

Dibromochloromethane

Concen: 45.205 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029381.D

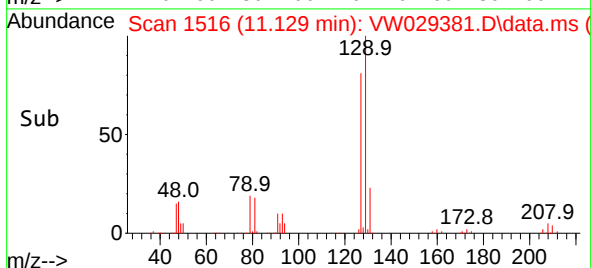
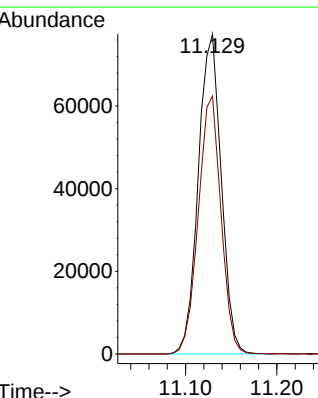
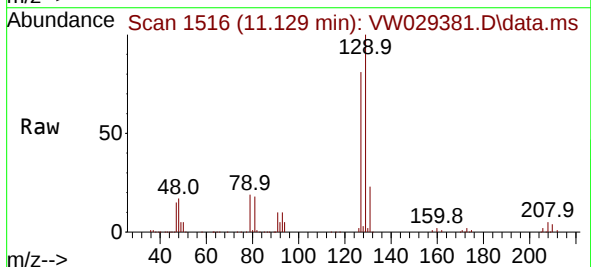
Acq: 27 Jun 2024 15:09

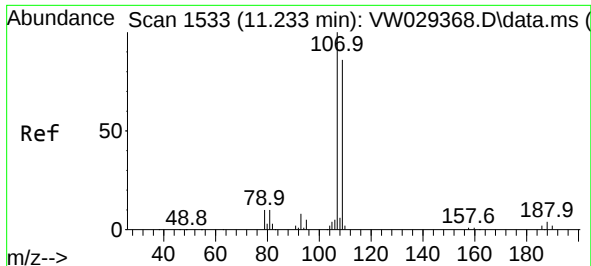
Tgt Ion:129 Resp: 134938

Ion Ratio Lower Upper

129 100

127 80.6 54.8 101.8





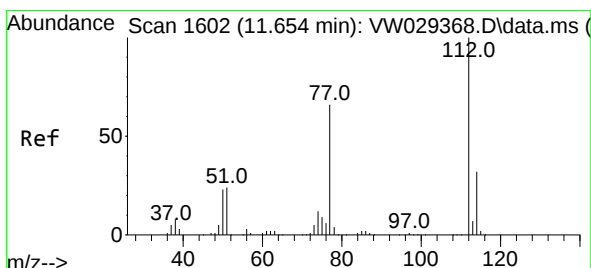
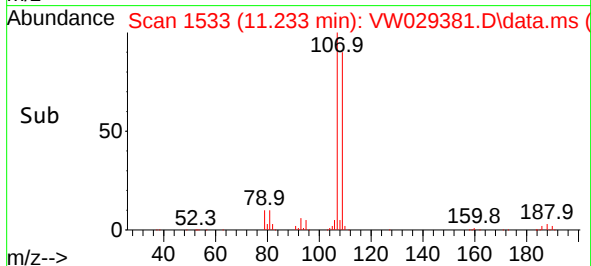
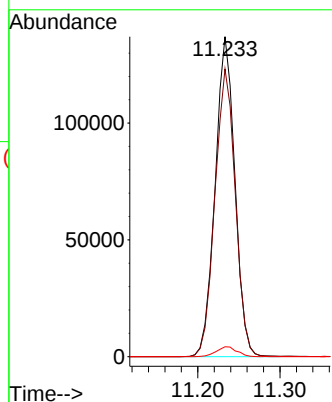
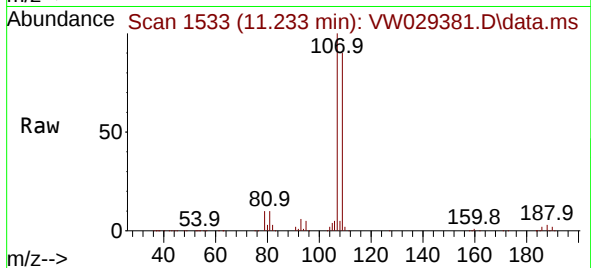
#50
1,2-Dibromoethane
Concen: 89.353 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_W
ClientSampleId :
A4DK1

Tgt Ion:107 Resp: 22904
Ion Ratio Lower Upper
107 100
109 89.9 65.5 121.6
188 3.1 2.6 4.0

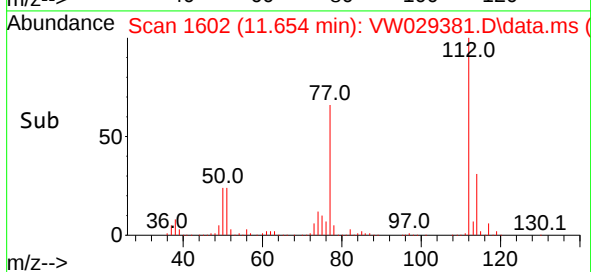
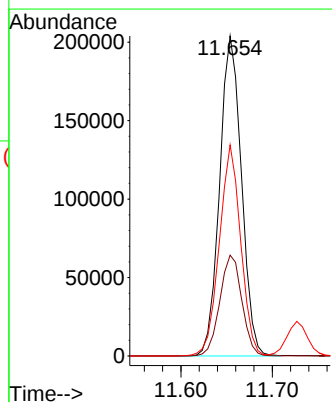
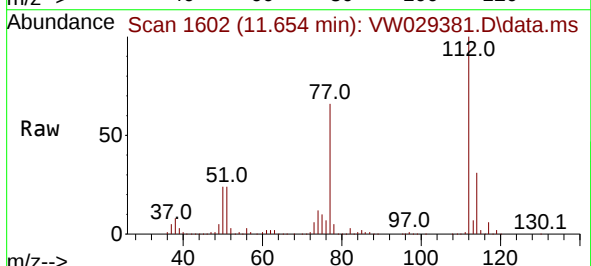
Manual Integrations
APPROVED

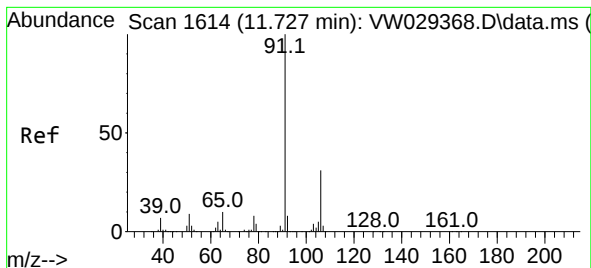
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#51
Chlorobenzene
Concen: 34.757 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

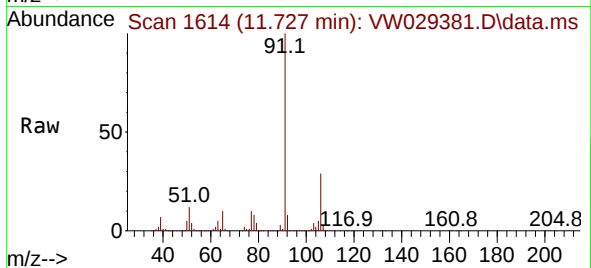
Tgt Ion:112 Resp: 338562
Ion Ratio Lower Upper
112 100
114 31.5 22.6 42.0
77 66.0 51.0 76.6





#52
Ethylbenzene
Concen: 21.164 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

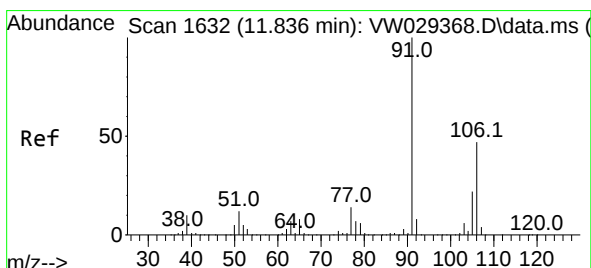
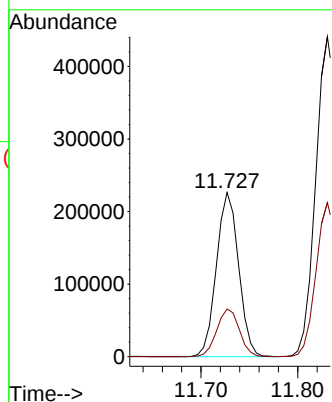
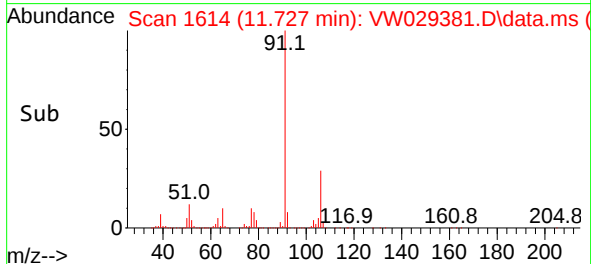
Instrument :
MSVOA_W
ClientSampleId :
A4DK1



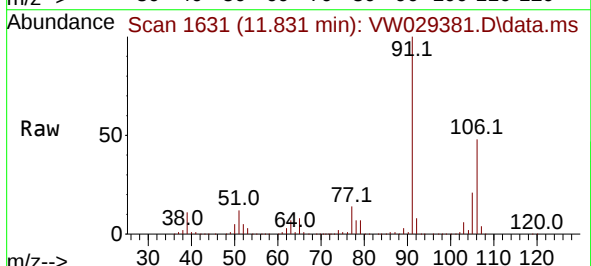
Tgt Ion: 91 Resp: 36037
Ion Ratio Lower Upper
91 100
106 29.1 19.9 37.0

Manual Integrations
APPROVED

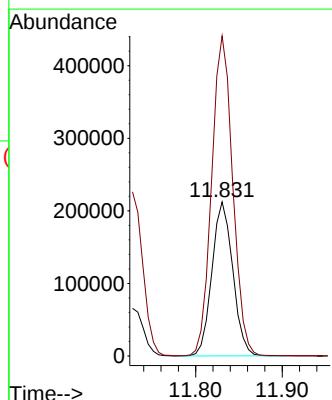
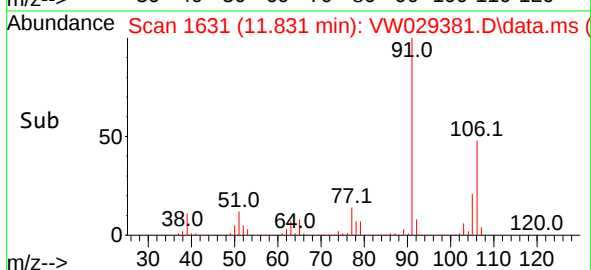
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024

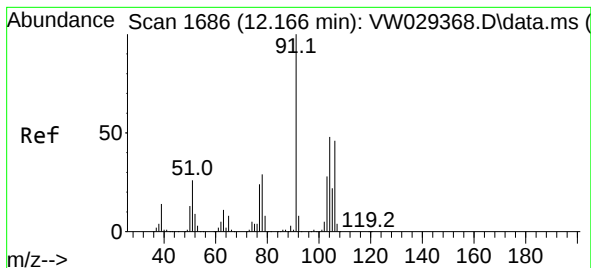


#53
m,p-Xylene
Concen: 57.003 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09



Tgt Ion:106 Resp: 354530
Ion Ratio Lower Upper
106 100
91 207.7 140.5 260.9





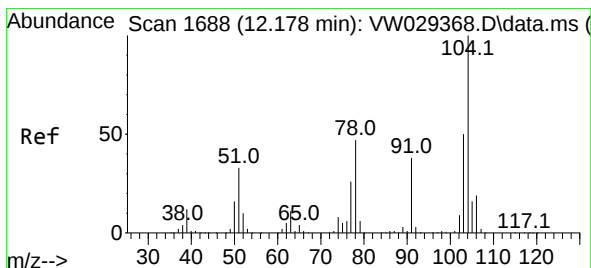
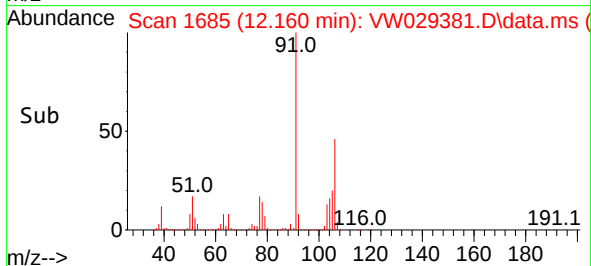
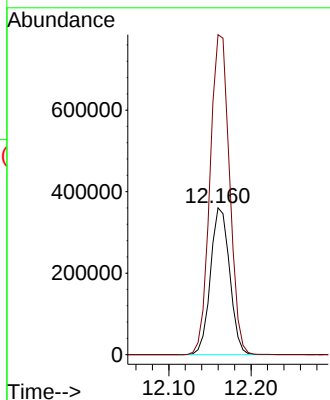
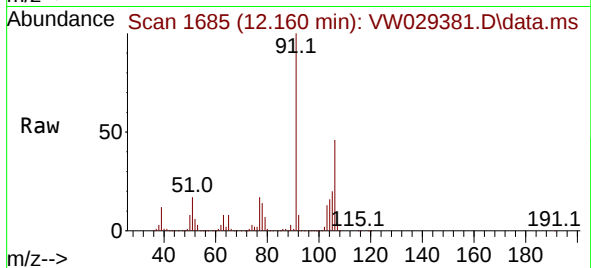
#54
o-Xylene
Concen: 100.085 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Instrument :
MSVOA_W
ClientSampleId :
A4DK1

Tgt Ion:106 Resp: 581769
Ion Ratio Lower Upper
106 100
91 217.8 149.9 278.5

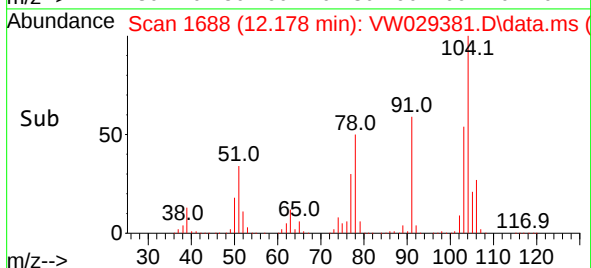
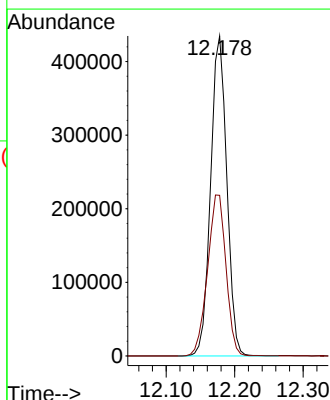
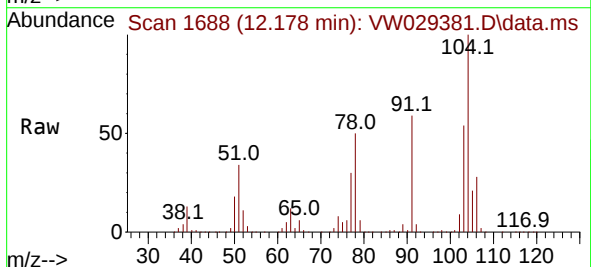
Manual Integrations
APPROVED

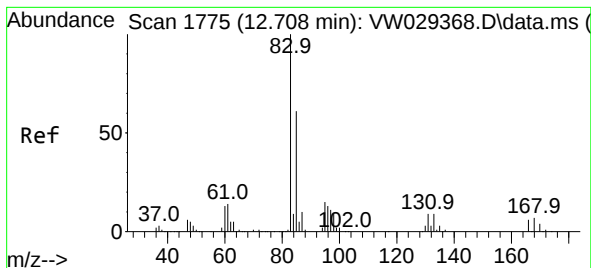
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#55
Styrene
Concen: 70.290 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

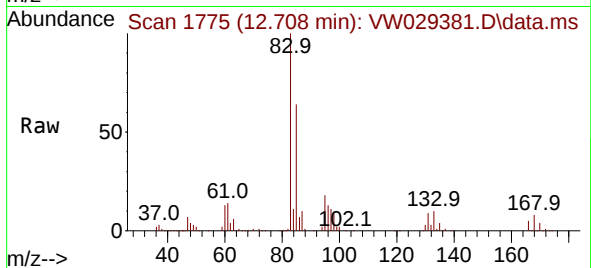
Tgt Ion:104 Resp: 712376
Ion Ratio Lower Upper
104 100
78 50.2 35.4 65.7





#57
1,1,2,2-Tetrachloroethane
Concen: 40.569 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

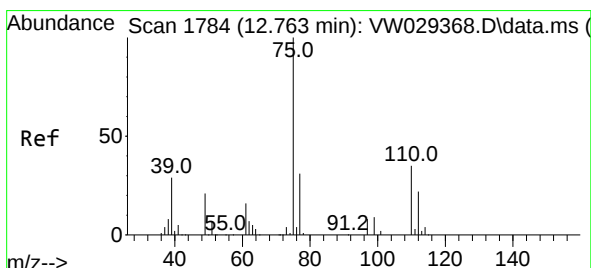
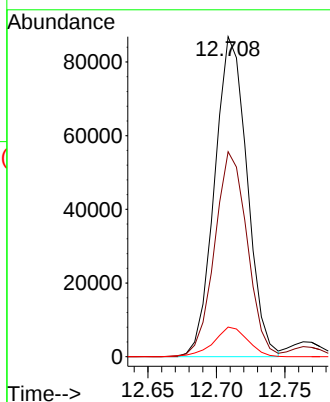
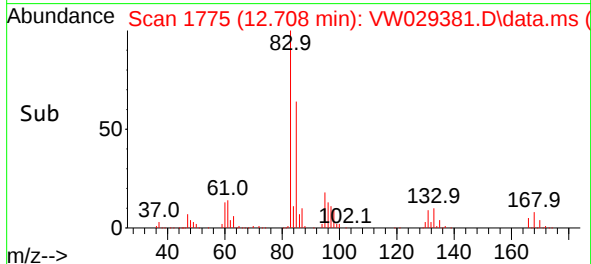
Instrument :
MSVOA_W
ClientSampleId :
A4DK1



Tgt Ion: 83 Resp: 143295
Ion Ratio Lower Upper
83 100
85 64.0 45.8 85.0
131 9.2 7.8 11.6

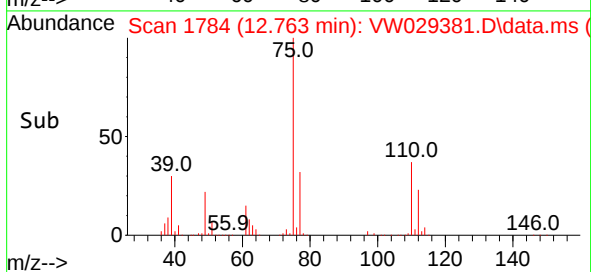
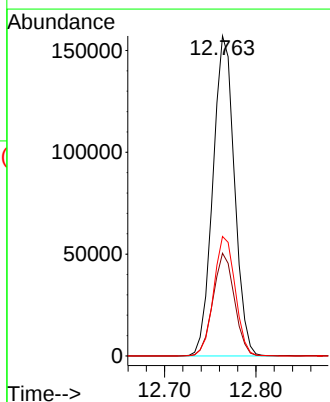
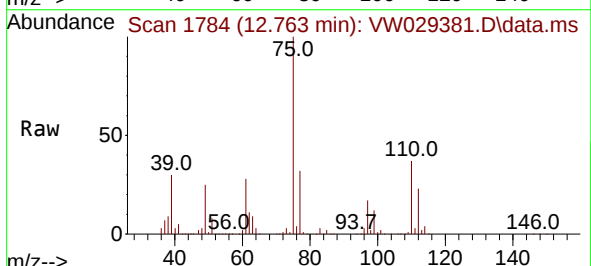
Manual Integrations
APPROVED

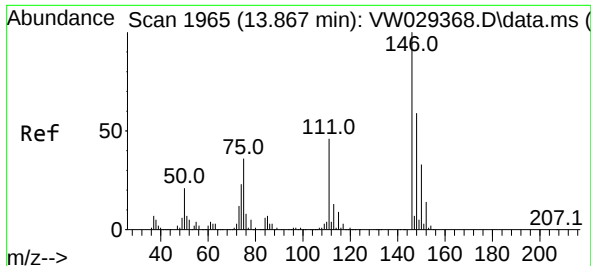
Reviewed By :Semsettin Yesilyurt 07/01/2024
Supervised By :Mahesh Dadoda 07/01/2024



#61
1,2,3-Trichloropropane
Concen: 108.034 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029381.D
Acq: 27 Jun 2024 15:09

Tgt Ion: 75 Resp: 257789
Ion Ratio Lower Upper
75 100
77 31.9 26.6 39.8
110 37.2 29.5 44.3





#67

1,2-Dichlorobenzene

Concen: 100.378 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

Instrument :

MSVOA_W

ClientSampleId :

A4DK1

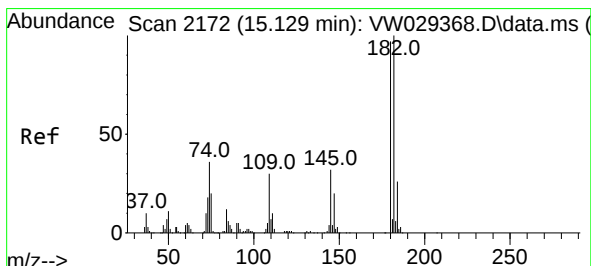
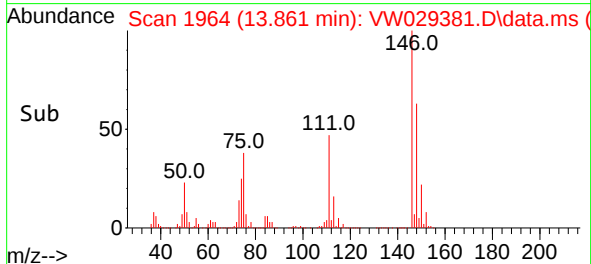
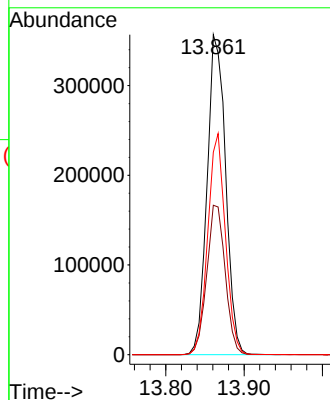
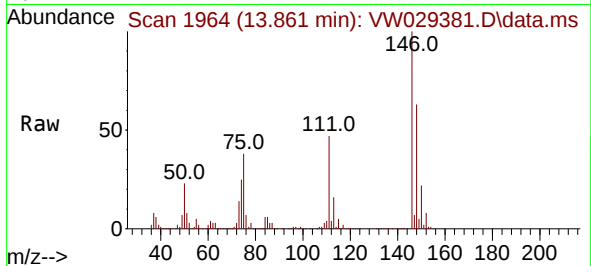
Tgt Ion:	146	Resp:	58539
Ion Ratio	Lower	Upper	
146	100		
111	46.7	34.2	51.4
148	63.2	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2024

Supervised By :Mahesh Dadoda 07/01/2024



#70

1,2,4-trichlorobenzene

Concen: 27.474 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029381.D

Acq: 27 Jun 2024 15:09

Tgt Ion:	180	Resp:	94820
Ion Ratio	Lower	Upper	
180	100		
182	90.4	77.7	116.5
145	30.8	25.7	38.5

