

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028715.D
 Acq On : 27 Oct 2022 13:12
 Operator : SY/MD
 Sample : N5232-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB9

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/28/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 02:17:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 02:13:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	113009	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	99837	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	40653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	44707	5.688	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	113.800%	
7) Chloroethane-d5	1.565	69	46619	7.015	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	140.400%#	
11) 1,1-Dichloroethene-d2	2.102	63	45327	2.981	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.600%#	
20) 2-Butanone-d5	3.912	46	96918	54.079	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.160%	
24) Chloroform-d	4.343	84	85825	6.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	125.800%#	
26) 1,2-Dichloroethane-d4	5.031	65	52563	7.590	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	151.800%#	
32) Benzene-d6	5.047	84	145631	5.454	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.000%	
36) 1,2-Dichloropropane-d6	6.066	67	60019	7.102	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	142.000%#	
41) Toluene-d8	7.314	98	85256	4.092	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.800%	
43) trans-1,3-Dichloroprop...	7.625	79	9217	3.510	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	70.200%	
46) 2-Hexanone-d5	8.088	63	102739	84.055	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	168.120%#	
56) 1,1,2,2-Tetrachloroeth...	10.211	84	47068	8.397	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	168.000%#	
66) 1,2-Dichlorobenzene-d4	11.616	152	30437	5.428	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
8) Chloroethane	1.581	64	73581	12.241	ug/L	97
13) Acetone	2.198	43	15548m	14.616	ug/L	
16) Methylene chloride	2.503	84	9389	1.096	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	1597	0.255	ug/L	89
33) Benzene	5.095	78	248080	8.314	ug/L	100
42) Toluene	7.394	91	12952	0.458	ug/L	99
51) Chlorobenzene	8.876	112	5165826	289.968	ug/L	95
52) Ethylbenzene	9.011	91	8012	0.255	ug/L	98
53) m,p-Xylene	9.140	106	5628	0.496	ug/L	89
54) o-Xylene	9.539	106	6646	0.582	ug/L	93
60) Isopropylbenzene	9.924	105	737515	28.830	ug/L	100
63) 1,2,4-Trimethylbenzene	10.908	105	10298m	0.498	ug/L	
64) 1,3-Dichlorobenzene	11.178	146	5190	0.471	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	41934	3.814	ug/L	98
67) 1,2-Dichlorobenzene	11.635	146	26408	2.621	ug/L	99

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

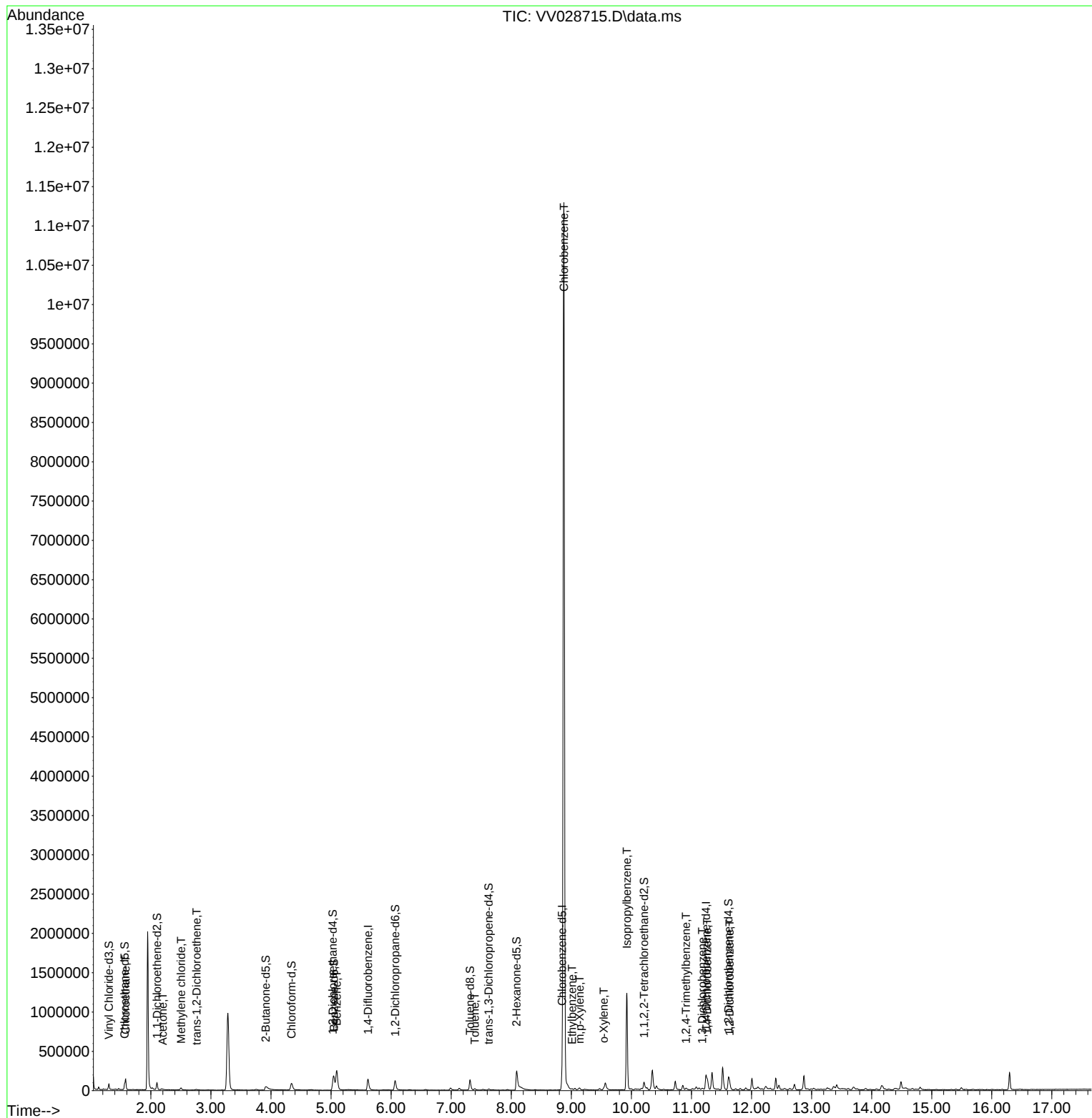
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028715.D
Acq On : 27 Oct 2022 13:12
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

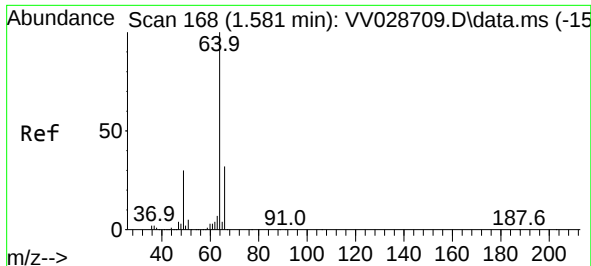
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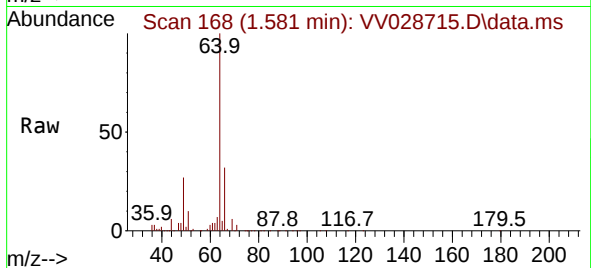
Quant Time: Oct 28 02:17:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 02:13:29 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 12.241 ug/L
RT: 1.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

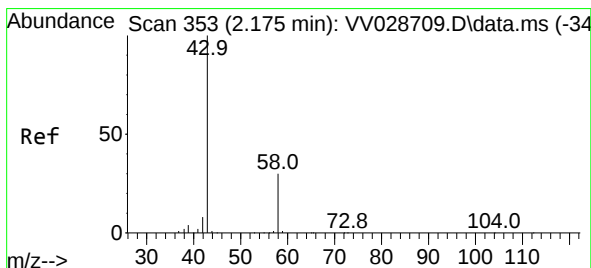
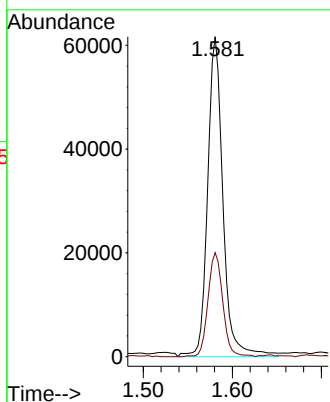
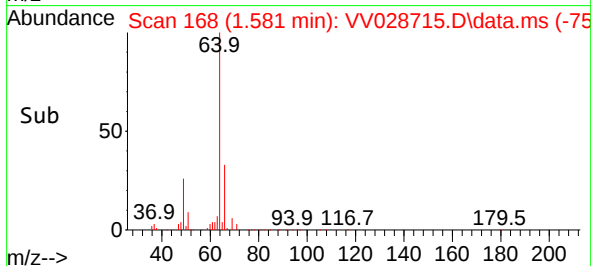
Instrument :
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ClientSampleId :
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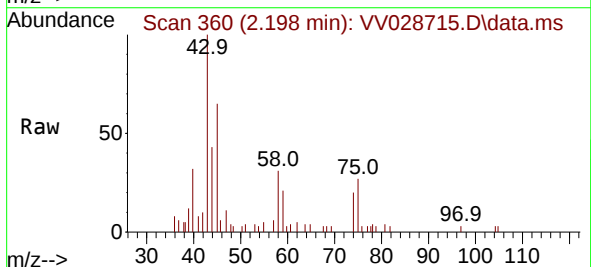
Tgt Ion: 64 Resp: 7358
Ion Ratio Lower Upper
64 100
66 32.5 23.9 44.5

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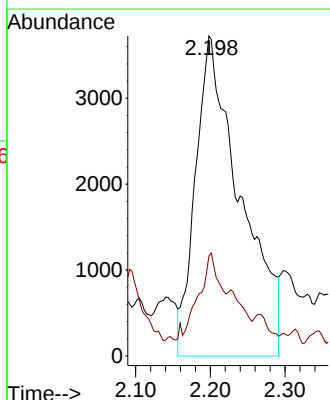
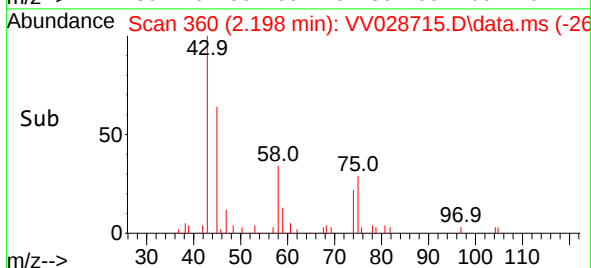
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022

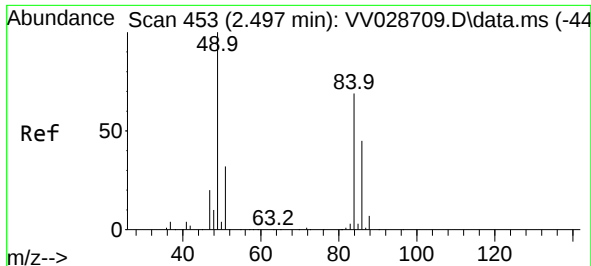


#13
Acetone
Concen: 14.616 ug/L m
RT: 2.198 min Scan# 360
Delta R.T. 0.023 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12



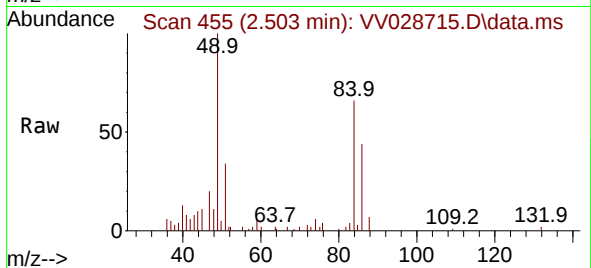
Tgt Ion: 43 Resp: 15548
Ion Ratio Lower Upper
43 100
58 11.7 0.0 50.2





#16
Methylene chloride
Concen: 1.096 ug/L
RT: 2.503 min Scan# 453
Delta R.T. 0.006 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

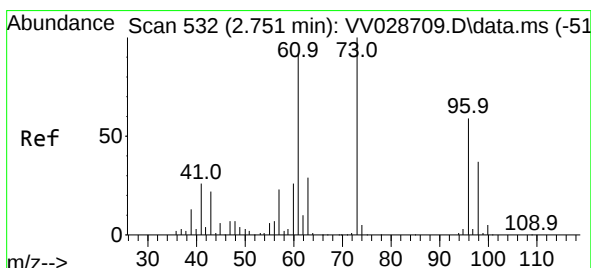
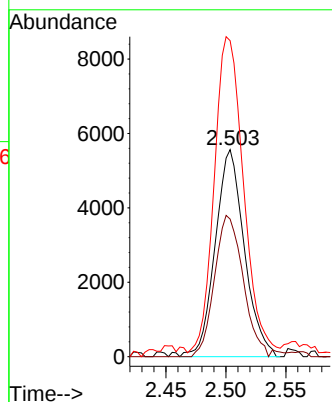
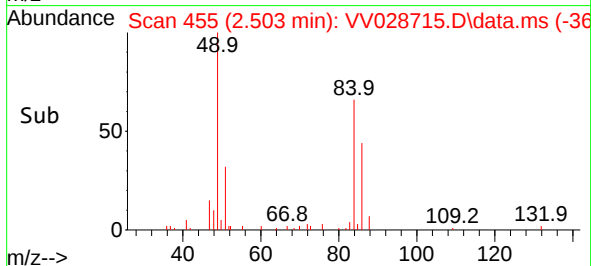
Instrument :
MSVOA_V
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Tgt Ion: 84 Resp: 9389
Ion Ratio Lower Upper
84 100
86 66.5 44.4 82.4
49 160.3 110.8 205.8

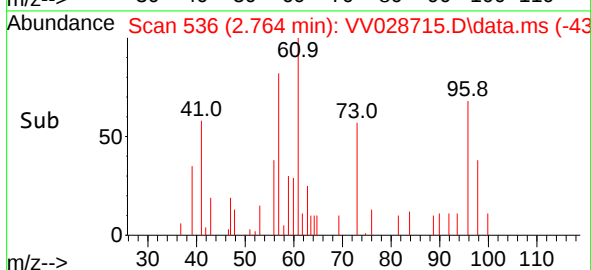
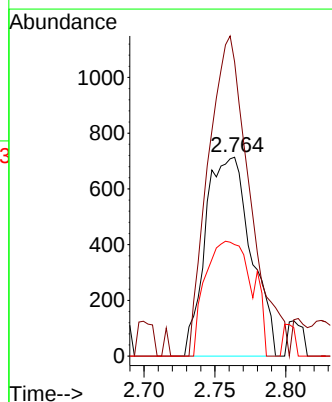
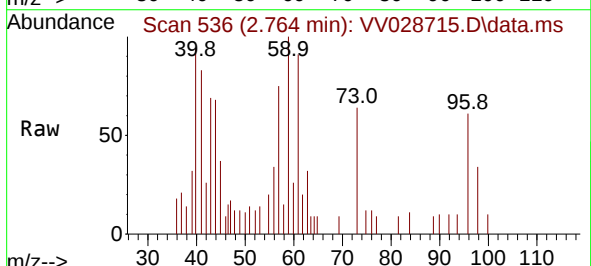
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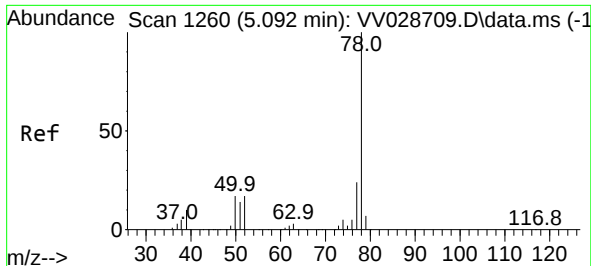
Reviewed By :Krupa Patel 10/28/2022
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#18
trans-1,2-Dichloroethene
Concen: 0.255 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.013 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

Tgt Ion: 96 Resp: 1597
Ion Ratio Lower Upper
96 100
61 147.9 114.3 212.3
98 56.0 45.0 83.6





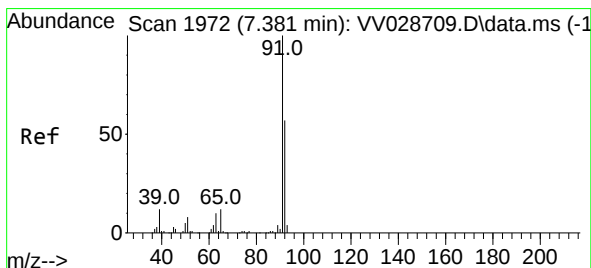
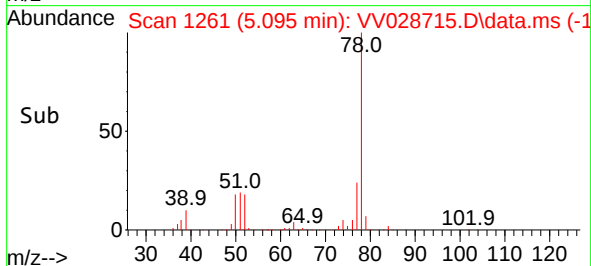
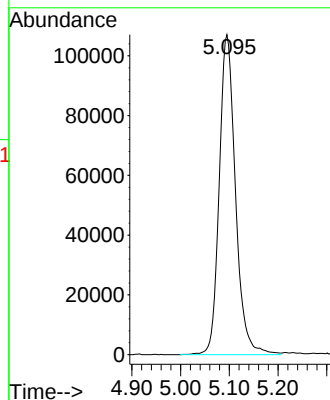
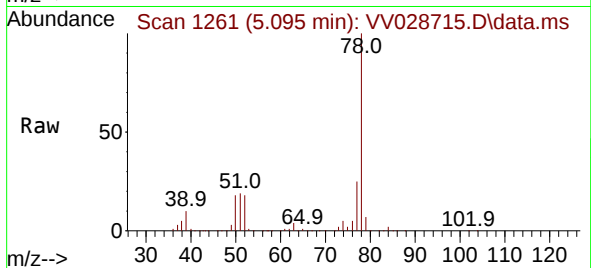
#33
Benzene
Concen: 8.314 ug/L
RT: 5.095 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

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Tgt Ion: 78 Resp: 248080

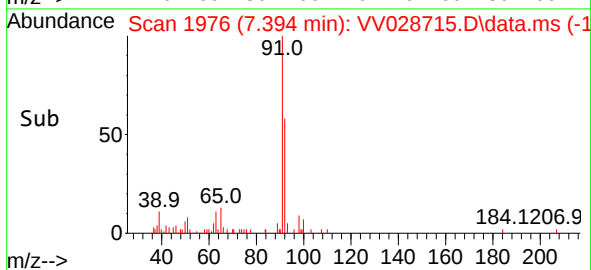
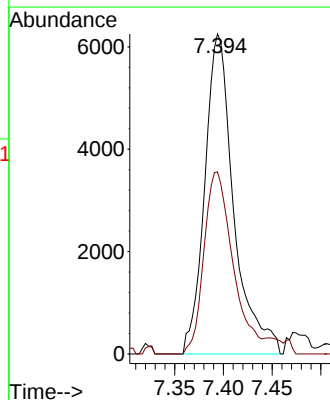
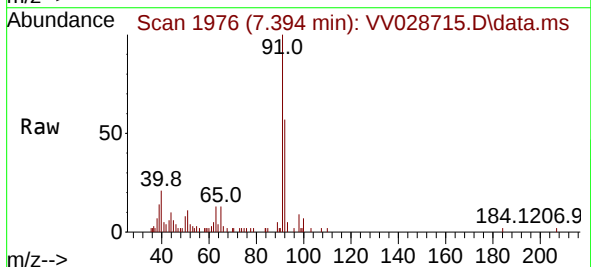
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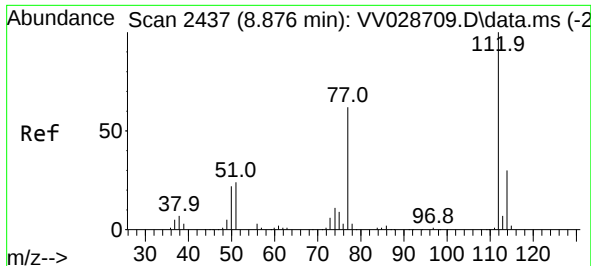
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#42
Toluene
Concen: 0.458 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.013 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

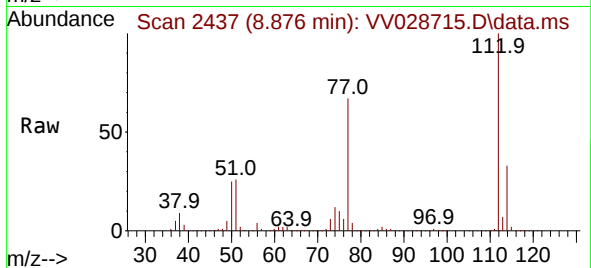
Tgt Ion: 91 Resp: 12952
Ion Ratio Lower Upper
91 100
92 56.9 40.5 75.3





#51
Chlorobenzene
Concen: 289.968 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

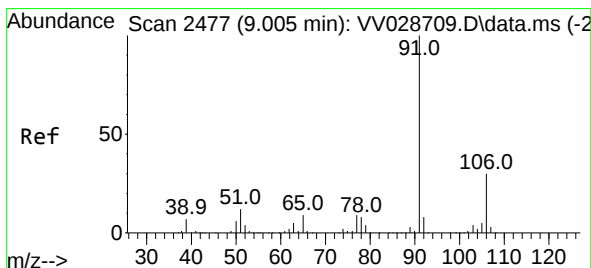
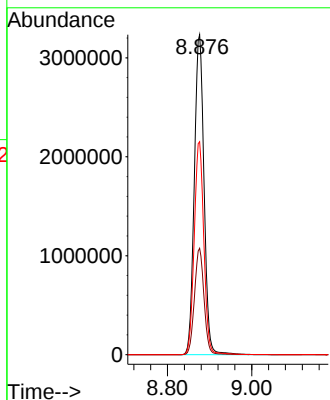
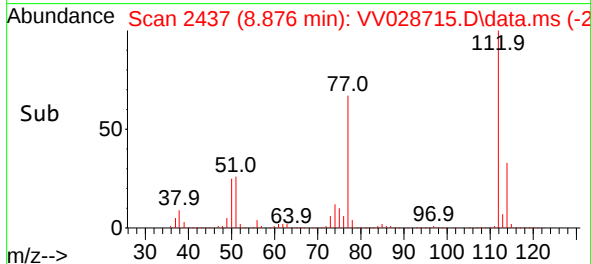
Instrument :
MSVOA_V
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BHAB9



Tgt Ion:112 Resp: 5165820
Ion Ratio Lower Upper
112 100
114 33.3 22.0 41.0
77 66.6 50.0 75.0

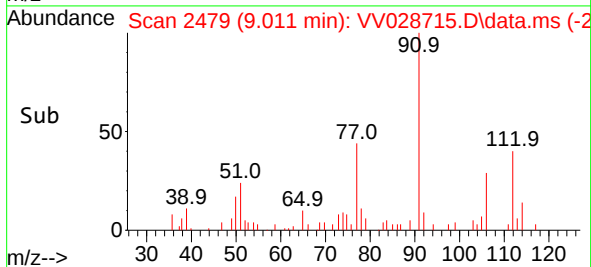
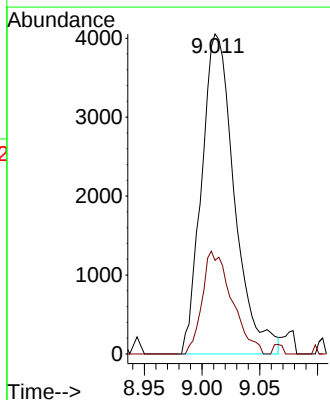
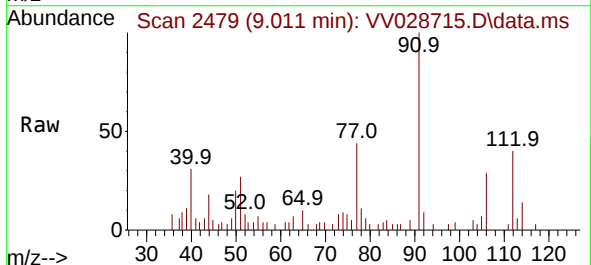
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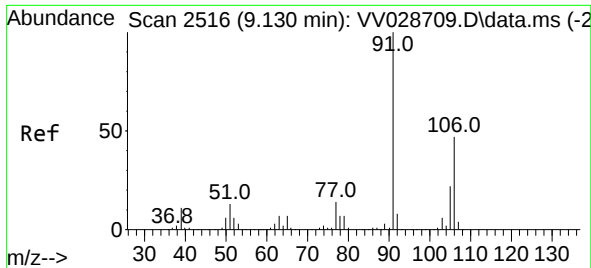
Reviewed By :Krupa Patel 10/28/2022
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#52
Ethylbenzene
Concen: 0.255 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.006 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

Tgt Ion: 91 Resp: 8012
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.6





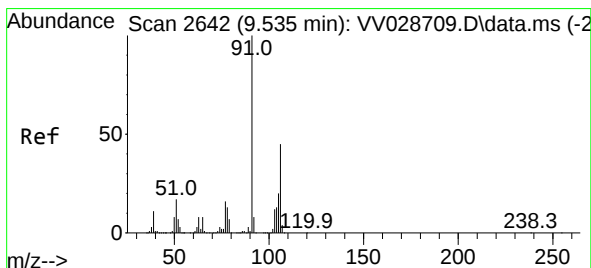
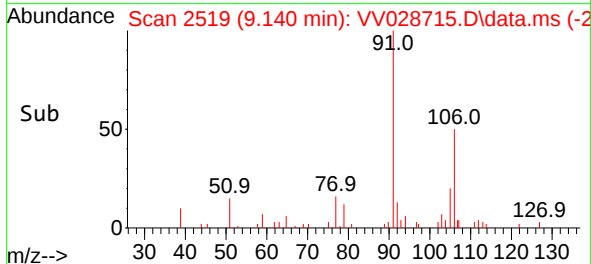
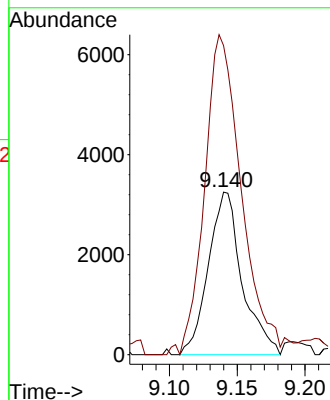
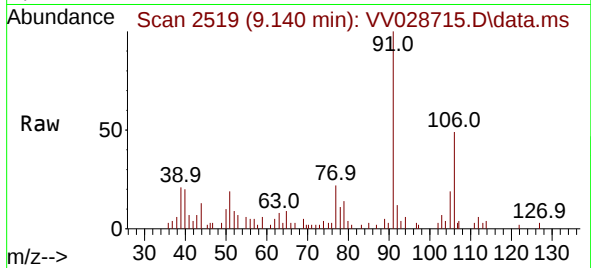
#53
m,p-Xylene
Concen: 0.496 ug/L
RT: 9.140 min Scan# 2516
Delta R.T. 0.010 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:106 Resp: 5628
Ion Ratio Lower Upper
106 100
91 190.1 145.5 270.1

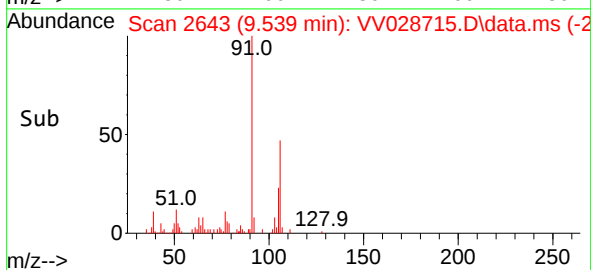
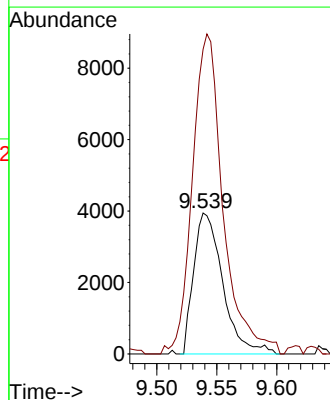
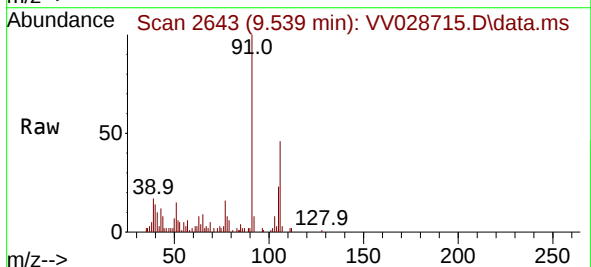
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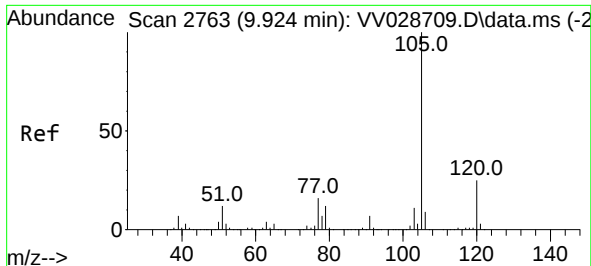
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#54
o-Xylene
Concen: 0.582 ug/L
RT: 9.539 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

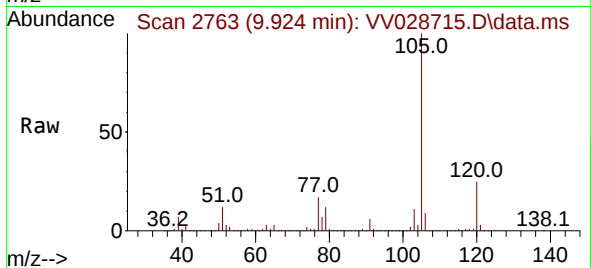
Tgt Ion:106 Resp: 6646
Ion Ratio Lower Upper
106 100
91 216.2 159.0 295.4





#60
Isopropylbenzene
Concen: 28.830 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

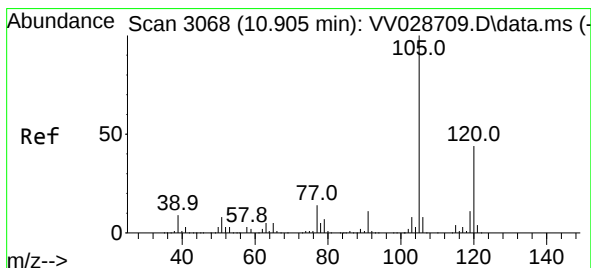
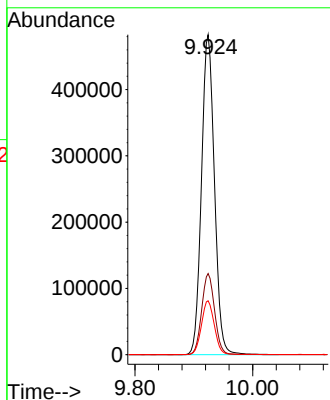
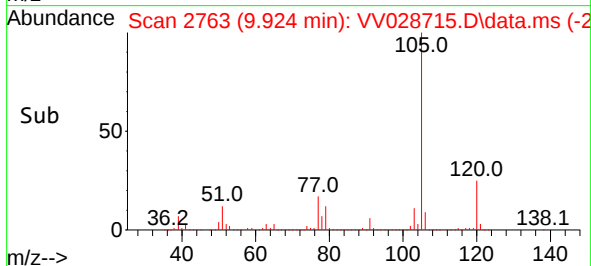
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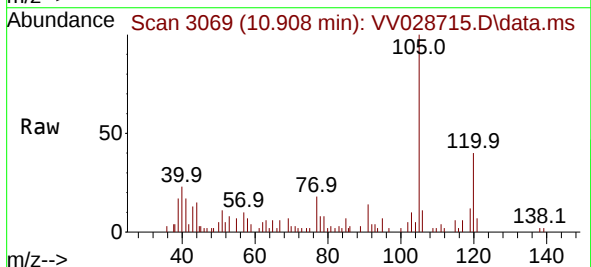
Tgt Ion:105 Resp: 737515
Ion Ratio Lower Upper
105 100
120 25.3 20.1 30.1
77 16.7 13.4 20.0

Manual Integrations
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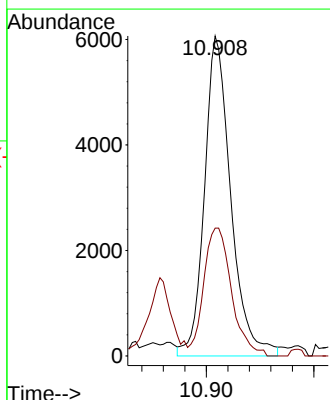
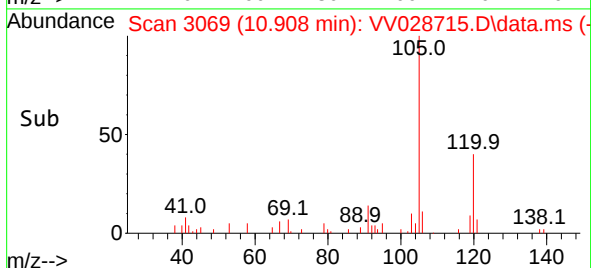
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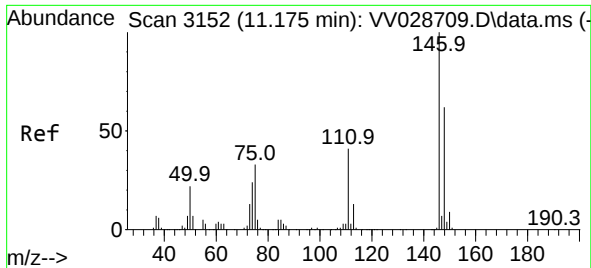


#63
1,2,4-Trimethylbenzene
Concen: 0.498 ug/L m
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12



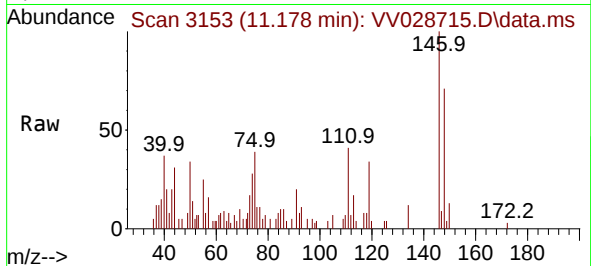
Tgt Ion:105 Resp: 10298
Ion Ratio Lower Upper
105 100
120 171.6 36.2 54.2#





#64
1,3-Dichlorobenzene
Concen: 0.471 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12

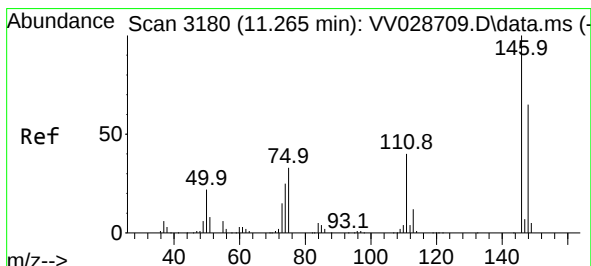
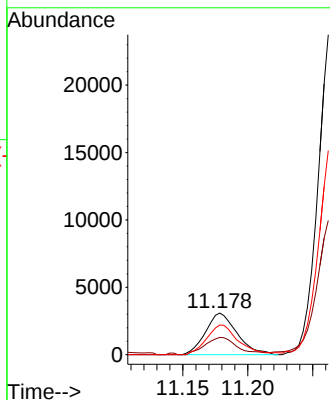
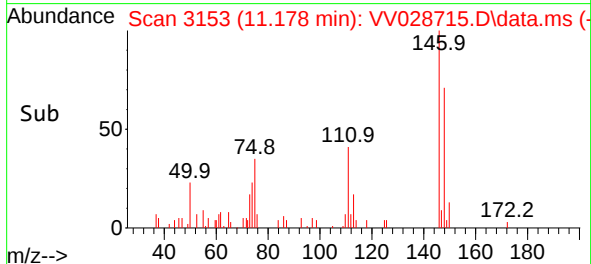
Instrument :
MSVOA_V
ClientSampleId :
BHAB9



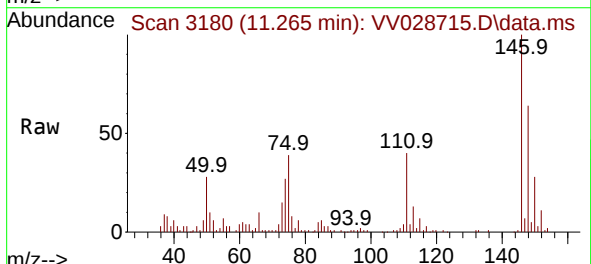
Tgt Ion:146 Resp: 5190
Ion Ratio Lower Upper
146 100
111 41.4 29.0 53.9
148 71.2 44.5 82.7

Manual Integrations
APPROVED

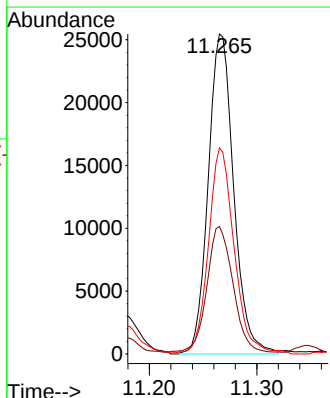
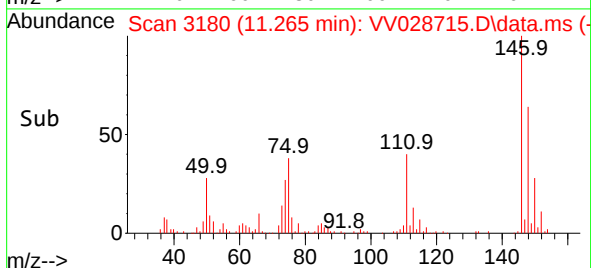
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022

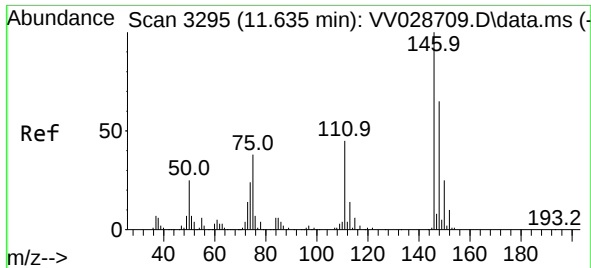


#65
1,4-Dichlorobenzene
Concen: 3.814 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028715.D
Acq: 27 Oct 2022 13:12



Tgt Ion:146 Resp: 41934
Ion Ratio Lower Upper
146 100
111 39.8 28.6 53.2
148 64.4 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 2.621 ug/L

RT: 11.635 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028715.D

Acq: 27 Oct 2022 13:12

Instrument :

MSVOA_V

ClientSampleId :

BHAB9

Tgt Ion:146 Resp: 26408

Ion Ratio Lower Upper

146 100

111 45.5 36.2 54.4

148 62.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/28/2022

Supervised By :Mahesh Dadoda 11/01/2022

