

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028768.D
 Acq On : 28 Oct 2022 20:11
 Operator : SY/MD
 Sample : N5320-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB5

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/31/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Oct 28 21:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 21:50:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	189715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	175012	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	82215	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	39306	2.979	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.565	69	45918	4.116	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.400%
11) 1,1-Dichloroethene-d2	2.105	63	67955	2.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.200%#
20) 2-Butanone-d5	3.886	46	182319	60.599	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.200%
24) Chloroform-d	4.343	84	94469	4.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
26) 1,2-Dichloroethane-d4	5.031	65	54476	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.047	84	180050	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.066	67	69549	4.694	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.314	98	142187	3.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.622	79	15018	3.263	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.200%
46) 2-Hexanone-d5	8.085	63	125979	58.796	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.600%
56) 1,1,2,2-Tetrachloroeth...	10.211	84	48971	4.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.616	152	52419	4.622	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%

Target Compounds						Qvalue
8) Chloroethane	1.584	64	39232	3.888	ug/L #	82
30) Cyclohexane	4.671	56	17388	0.797	ug/L	95
33) Benzene	5.092	78	3685259	70.456	ug/L	100
35) Methylcyclohexane	6.130	83	13952	0.779	ug/L	96
42) Toluene	7.391	91	13970	0.282	ug/L	92
51) Chlorobenzene	8.873	112	801823	25.675	ug/L	97
52) Ethylbenzene	9.011	91	19187	0.348	ug/L	99
53) m,p-Xylene	9.133	106	49642	2.494	ug/L	96
54) o-Xylene	9.542	106	9974	0.498	ug/L	89
60) Isopropylbenzene	9.924	105	207736	4.015	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	6629m	0.439	ug/L	
63) 1,2,4-Trimethylbenzene	10.908	105	19134	0.458	ug/L	92
64) 1,3-Dichlorobenzene	11.178	146	3522	0.158	ug/L	93
65) 1,4-Dichlorobenzene	11.265	146	29171	1.312	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	36279	1.780	ug/L	98

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

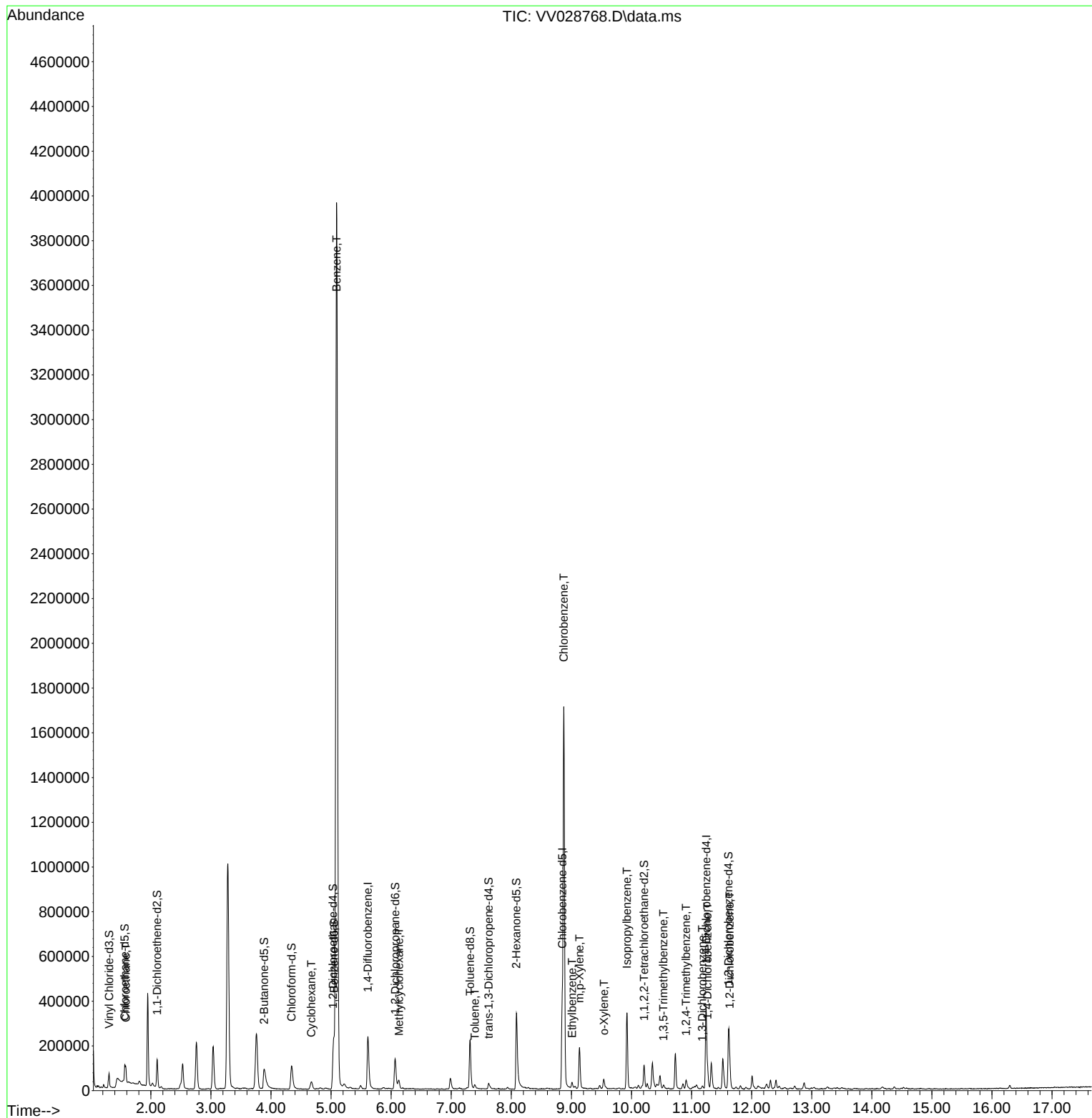
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Data File : VV028768.D
Acq On : 28 Oct 2022 20:11
Operator : SY/MD
Sample : N5320-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

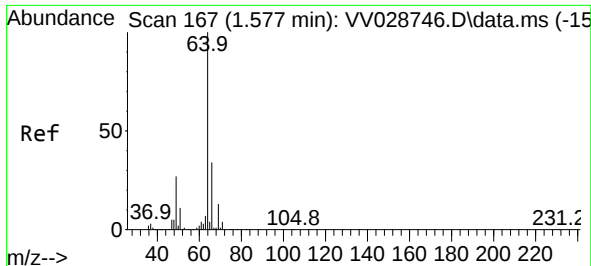
Instrument :
MSVOA_V
ClientSampleId :
BHAB5

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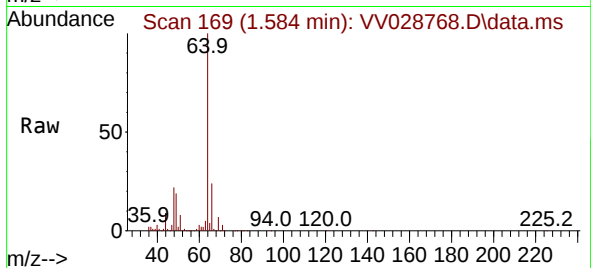
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 21:50:06 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 3.888 ug/L
RT: 1.584 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

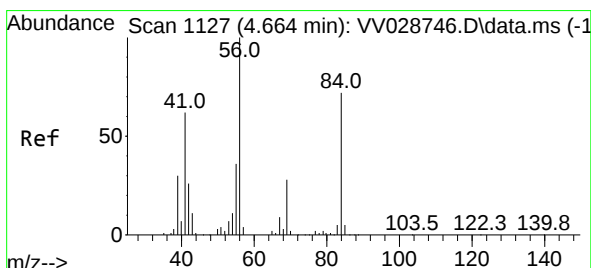
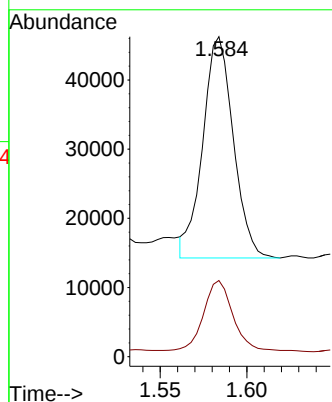
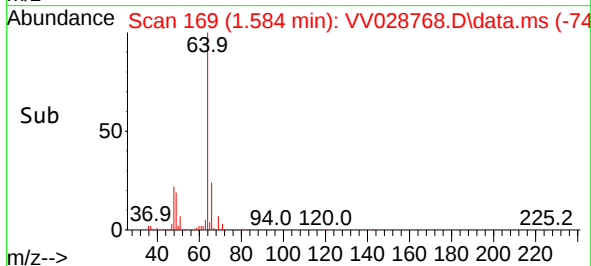
Instrument :
MSVOA_V
ClientSampleId :
BHAB5



Tgt Ion: 64 Resp: 3923
Ion Ratio Lower Upper
64 100
66 23.8 23.9 44.5

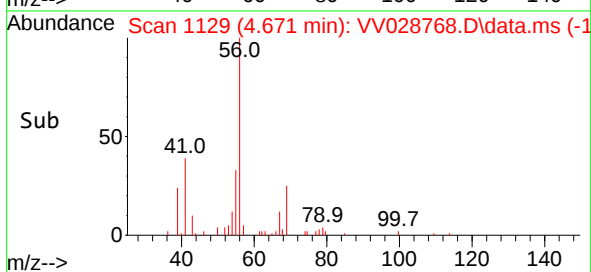
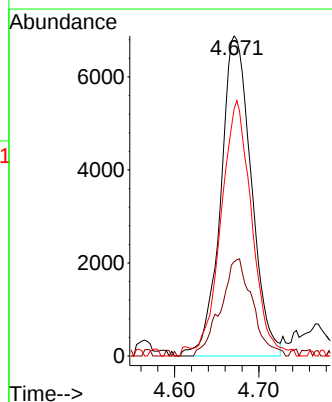
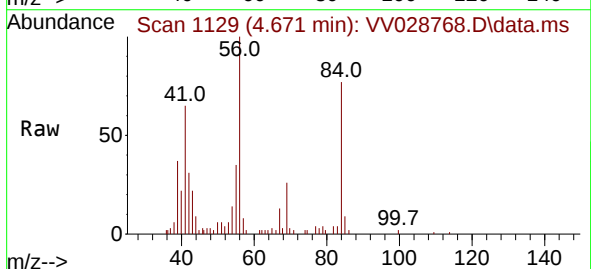
Manual Integrations
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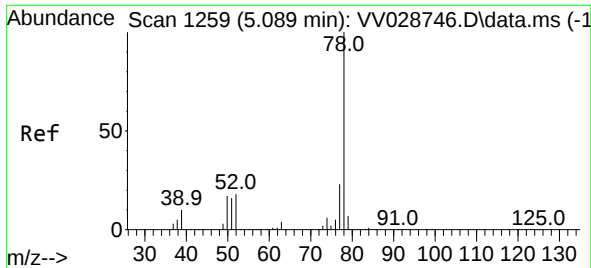
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#30
Cyclohexane
Concen: 0.797 ug/L
RT: 4.671 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion: 56 Resp: 17388
Ion Ratio Lower Upper
56 100
69 31.4 22.6 34.0
84 79.7 60.4 90.6





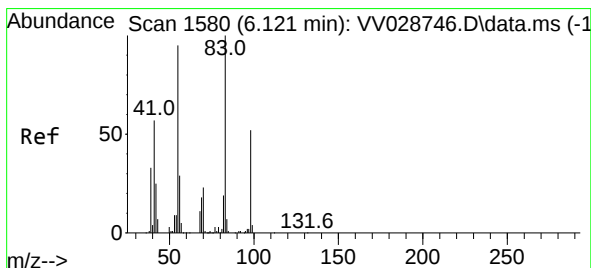
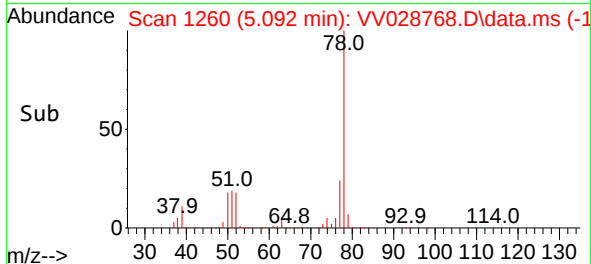
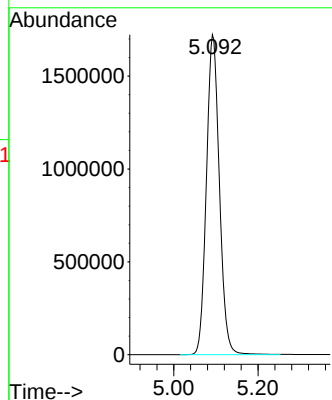
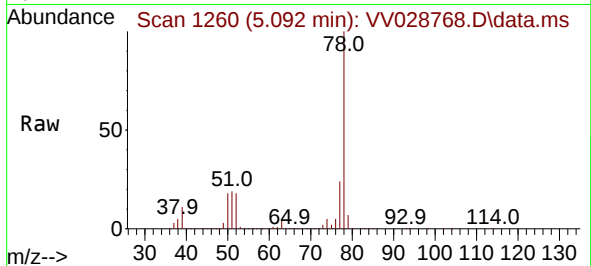
#33
Benzene
Concen: 70.456 ug/L
RT: 5.092 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

Tgt Ion: 78 Resp: 368525

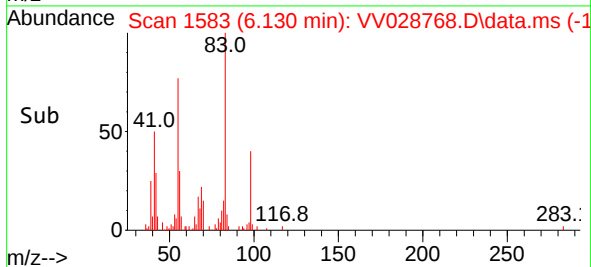
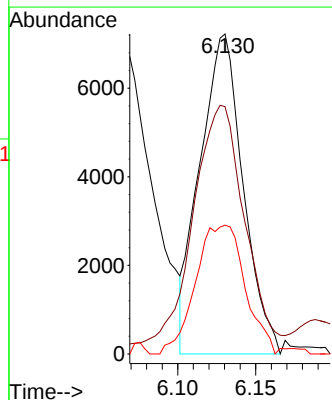
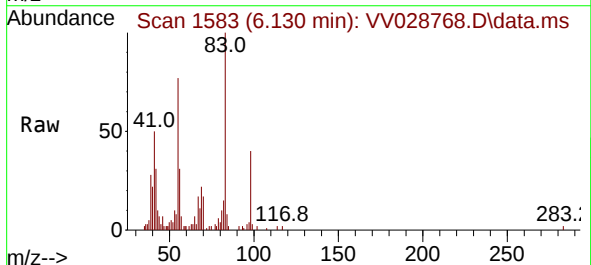
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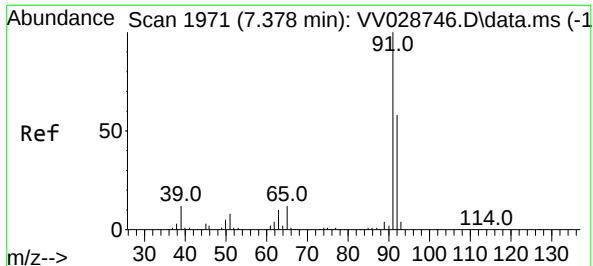
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#35
Methylcyclohexane
Concen: 0.779 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.010 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion: 83 Resp: 13952
Ion Ratio Lower Upper
83 100
55 91.3 70.0 105.0
98 46.2 35.6 53.4





#42

Toluene

Concen: 0.282 ug/L

RT: 7.391 min Scan# 1971

Delta R.T. 0.013 min

Lab File: VV028768.D

Acq: 28 Oct 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

BHAB5

Tgt Ion: 91 Resp: 13970

Ion Ratio Lower Upper

91 100

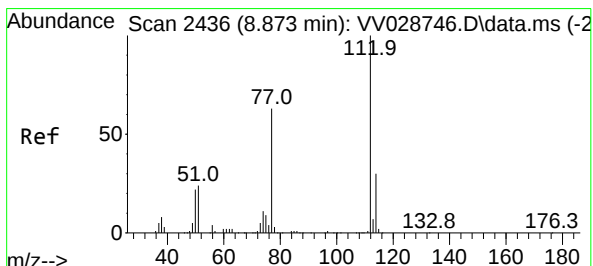
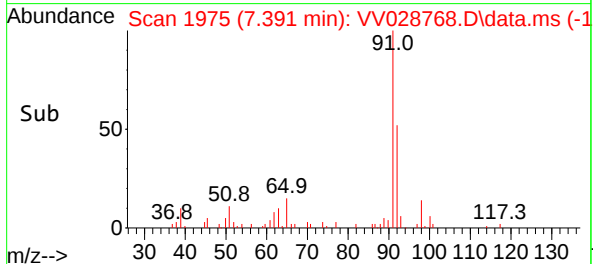
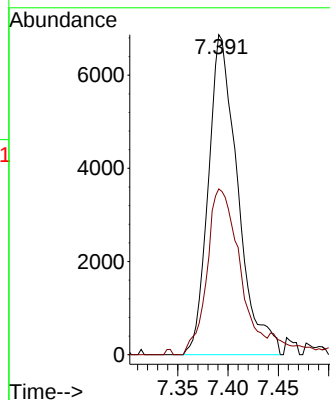
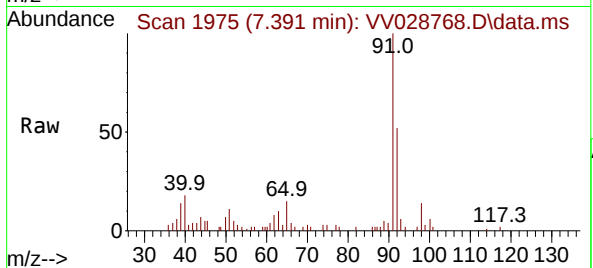
92 51.8 40.5 75.3

Manual Integrations

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Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 11/01/2022



#51

Chlorobenzene

Concen: 25.675 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.000 min

Lab File: VV028768.D

Acq: 28 Oct 2022 20:11

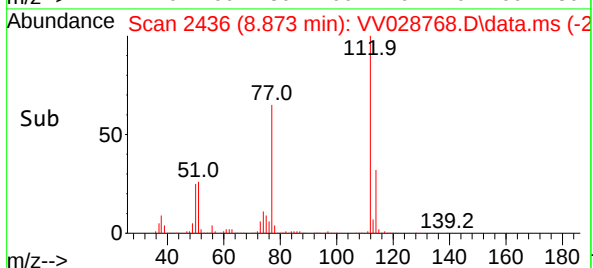
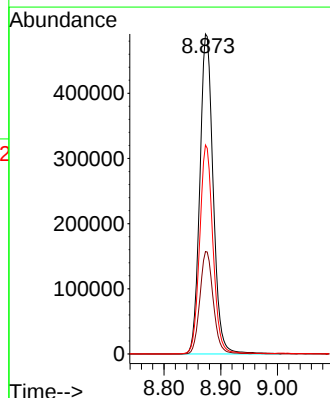
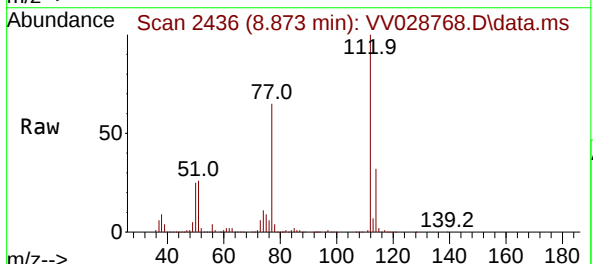
Tgt Ion:112 Resp: 801823

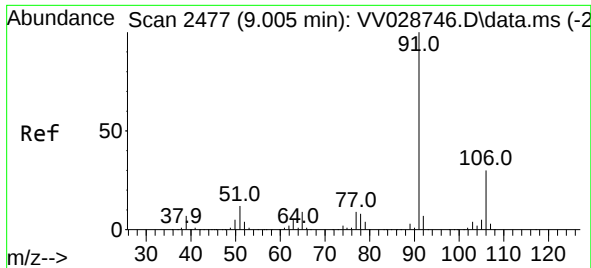
Ion Ratio Lower Upper

112 100

114 32.0 22.0 41.0

77 65.3 50.0 75.0





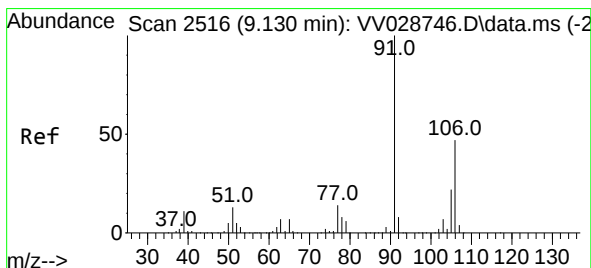
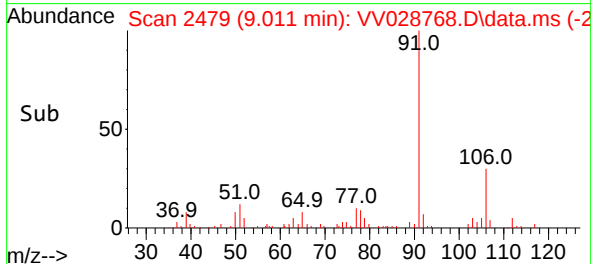
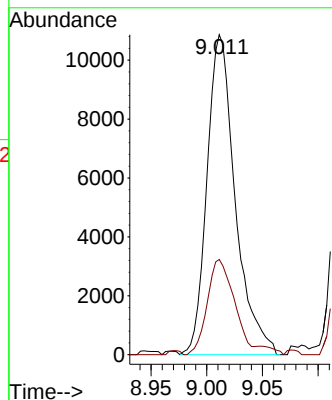
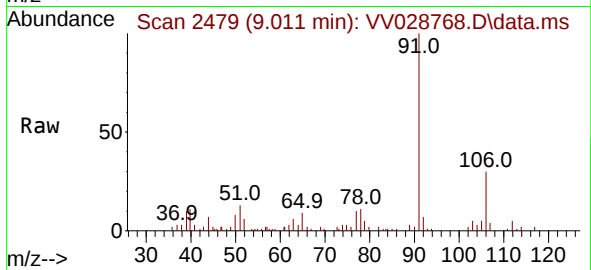
#52
Ethylbenzene
Concen: 0.348 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

Tgt Ion: 91 Resp: 1918
Ion Ratio Lower Upper
91 100
106 29.8 21.3 39.6

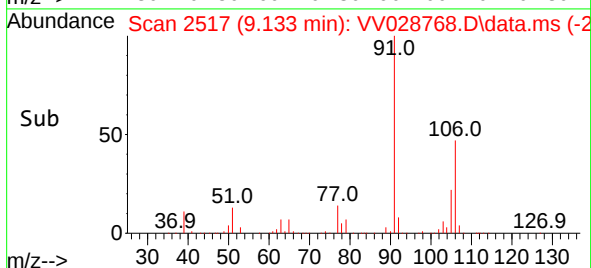
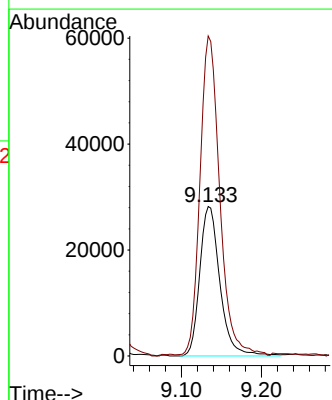
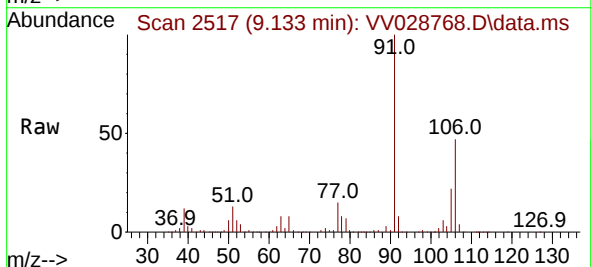
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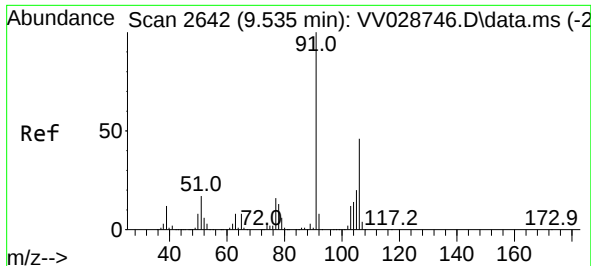
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#53
m,p-Xylene
Concen: 2.494 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion:106 Resp: 49642
Ion Ratio Lower Upper
106 100
91 214.1 145.5 270.1





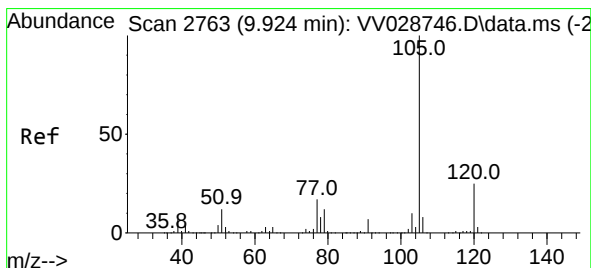
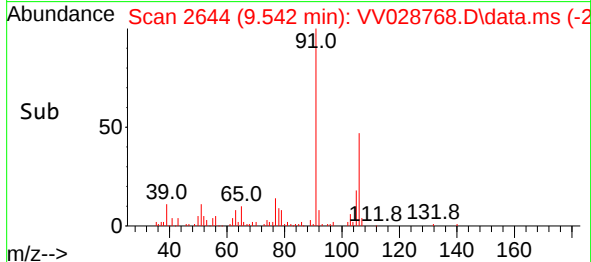
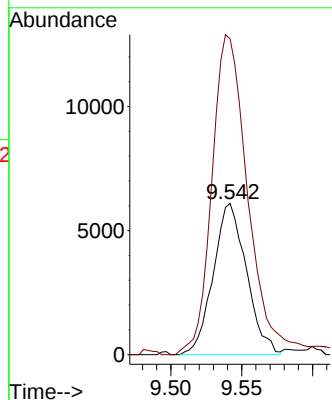
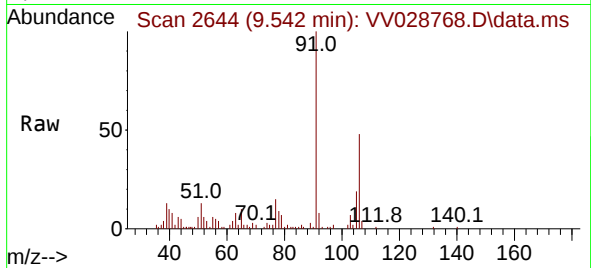
#54
o-Xylene
Concen: 0.498 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

Tgt Ion:106 Resp: 9974
Ion Ratio Lower Upper
106 100
91 208.8 159.0 295.4

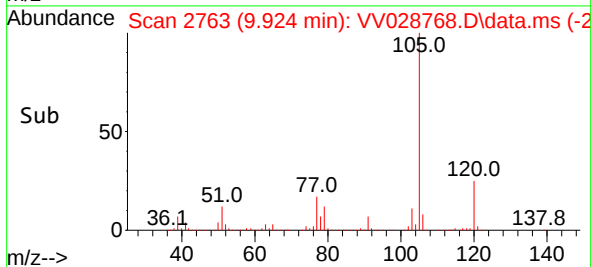
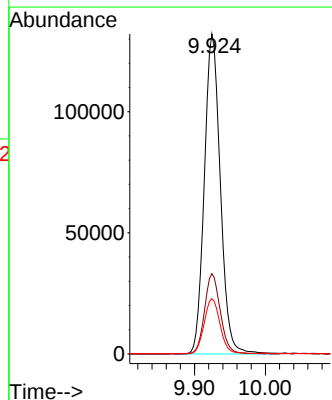
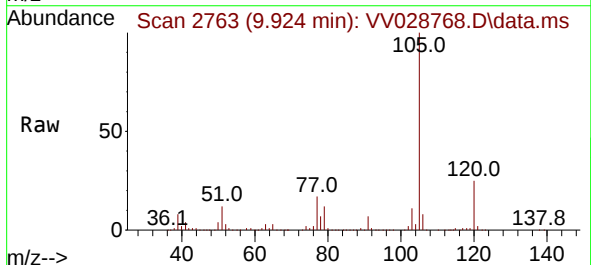
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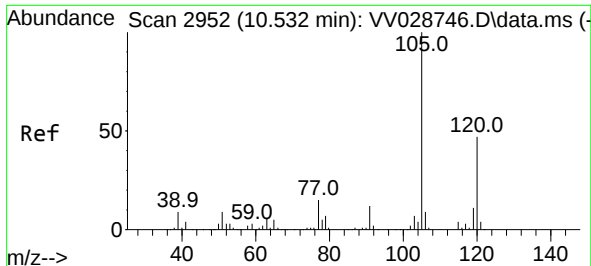
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Isopropylbenzene
Concen: 4.015 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion:105 Resp: 207736
Ion Ratio Lower Upper
105 100
120 24.6 20.1 30.1
77 16.9 13.4 20.0





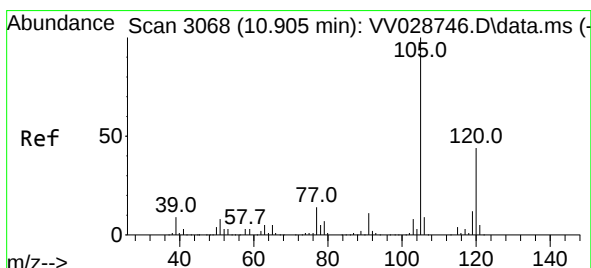
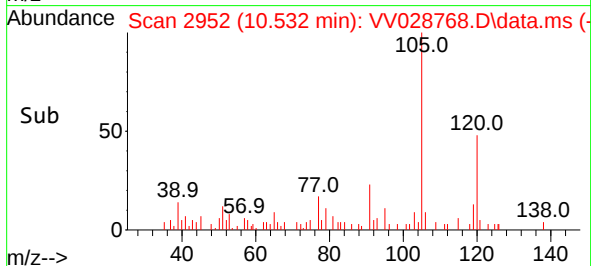
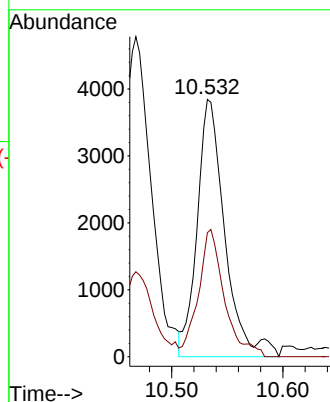
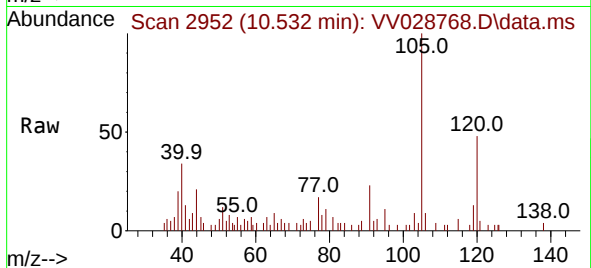
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1,3,5-Trimethylbenzene
Concen: 0.439 ug/L m
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

Tgt Ion:105 Resp: 6629
Ion Ratio Lower Upper
105 100
120 115.6 38.3 57.5

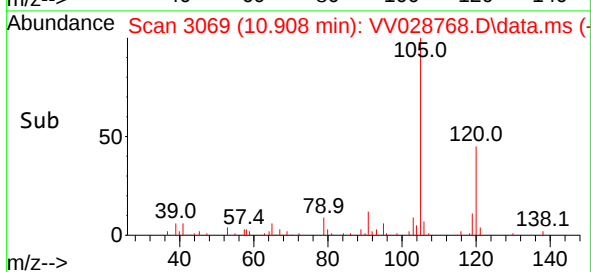
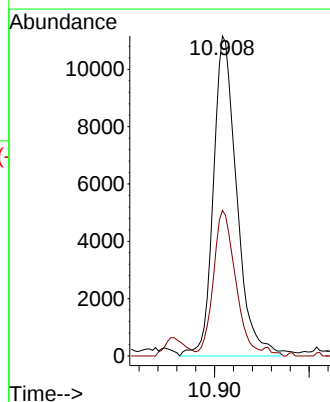
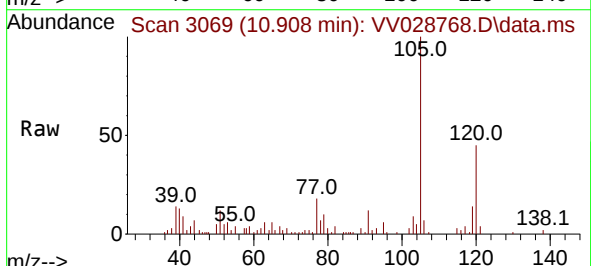
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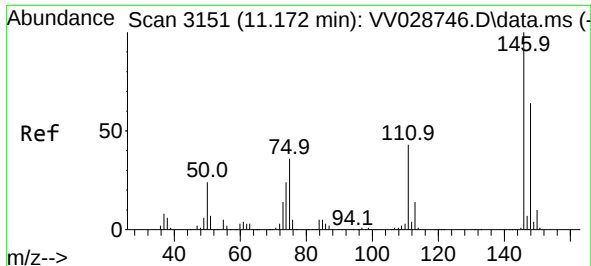
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#63
1,2,4-Trimethylbenzene
Concen: 0.458 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion:105 Resp: 19134
Ion Ratio Lower Upper
105 100
120 40.0 36.2 54.2





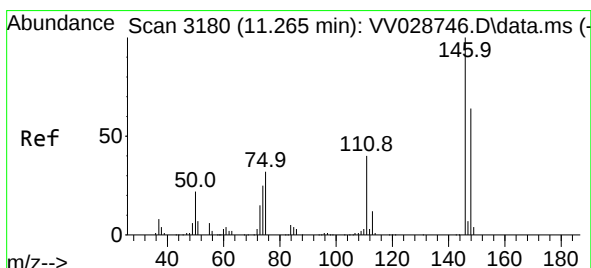
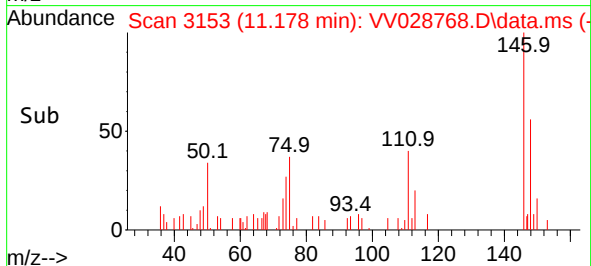
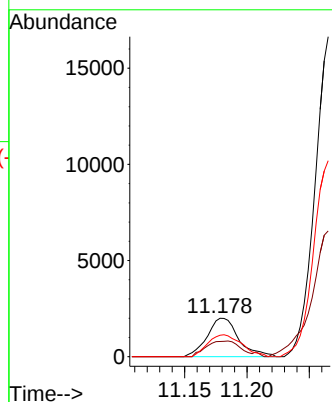
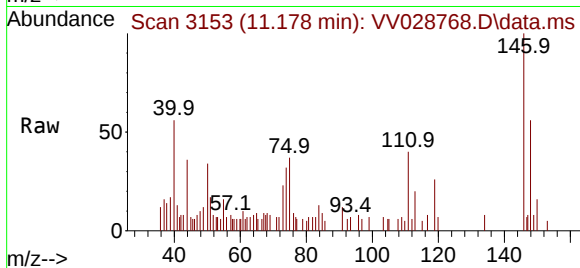
#64
1,3-Dichlorobenzene
Concen: 0.158 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Instrument :
MSVOA_V
ClientSampleId :
BHAB5

Tgt Ion:146 Resp: 352
Ion Ratio Lower Upper
146 100
111 39.6 29.0 53.9
148 55.7 44.5 82.7

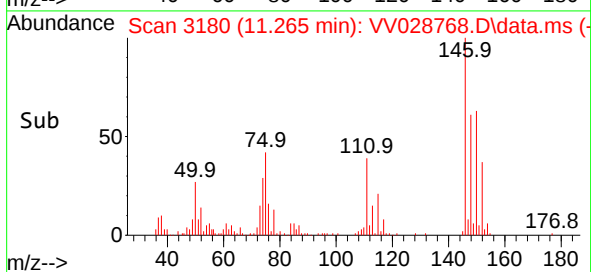
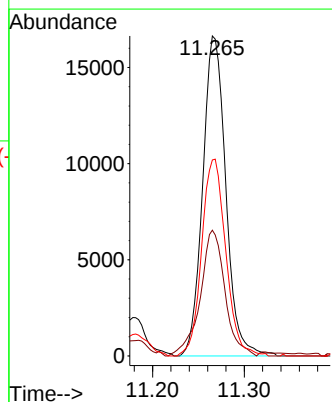
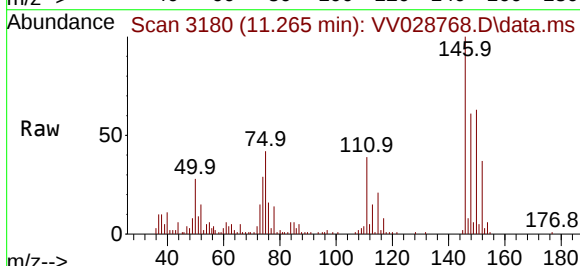
Manual Integrations
APPROVED

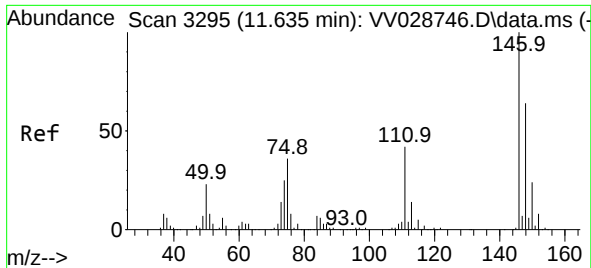
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#65
1,4-Dichlorobenzene
Concen: 1.312 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028768.D
Acq: 28 Oct 2022 20:11

Tgt Ion:146 Resp: 29171
Ion Ratio Lower Upper
146 100
111 39.3 28.6 53.2
148 61.3 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 1.780 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028768.D

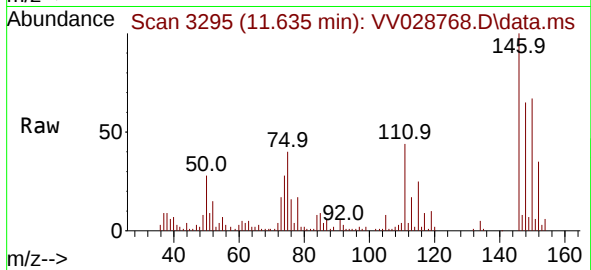
Acq: 28 Oct 2022 20:11

Instrument :

MSVOA_V

ClientSampleId :

BHAB5



Tgt Ion:	146	Resp:	36279
Ion Ratio	Lower	Upper	
146	100		
111	44.3	36.2	54.4
148	65.3	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 11/01/2022

