

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028766.D
 Acq On : 28 Oct 2022 19:22
 Operator : SY/MD
 Sample : N5320-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB3

Manual Integrations
 APPROVED

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

Quant Time: Oct 28 21:55:53 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	5.616	114	179720	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	168720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	79867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	39281	3.143	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.568	69	42579	4.029	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.104	63	63076	2.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.886	46	166961	58.581	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.160%
24) Chloroform-d	4.342	84	90835	4.185	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.800%
26) 1,2-Dichloroethane-d4	5.030	65	50864	4.619	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.046	84	170038	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.066	67	63994	4.481	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.313	98	133418	3.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
43) trans-1,3-Dichloroprop...	7.622	79	14571	3.284	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.600%
46) 2-Hexanone-d5	8.085	63	117858	57.057	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.120%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	47467	5.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	50116	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
8) Chloroethane	1.584	64	7204	0.754	ug/L #	62
30) Cyclohexane	4.667	56	10407	0.495	ug/L #	83
33) Benzene	5.091	78	6712421	133.116	ug/L	100
35) Methylcyclohexane	6.127	83	7300	0.423	ug/L	90
42) Toluene	7.394	91	12238	0.256	ug/L	98
51) Chlorobenzene	8.876	112	675831	22.448	ug/L	98
52) Ethylbenzene	9.008	91	29285m	0.551	ug/L	
53) m,p-Xylene	9.130	106	868445	45.264	ug/L	98
54) o-Xylene	9.538	106	397499	20.595	ug/L	97
60) Isopropylbenzene	9.924	105	150608	2.997	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	69220	4.721	ug/L	96
63) 1,2,4-Trimethylbenzene	10.908	105	207613	5.113	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	3542	0.164	ug/L	83
65) 1,4-Dichlorobenzene	11.265	146	29573	1.369	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	10337	0.522	ug/L	93
70) 1,2,4-trichlorobenzene	13.258	180	1612	0.129	ug/L #	82
72) 1,2,3-Trichlorobenzene	13.737	180	1952	0.176	ug/L #	90

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

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

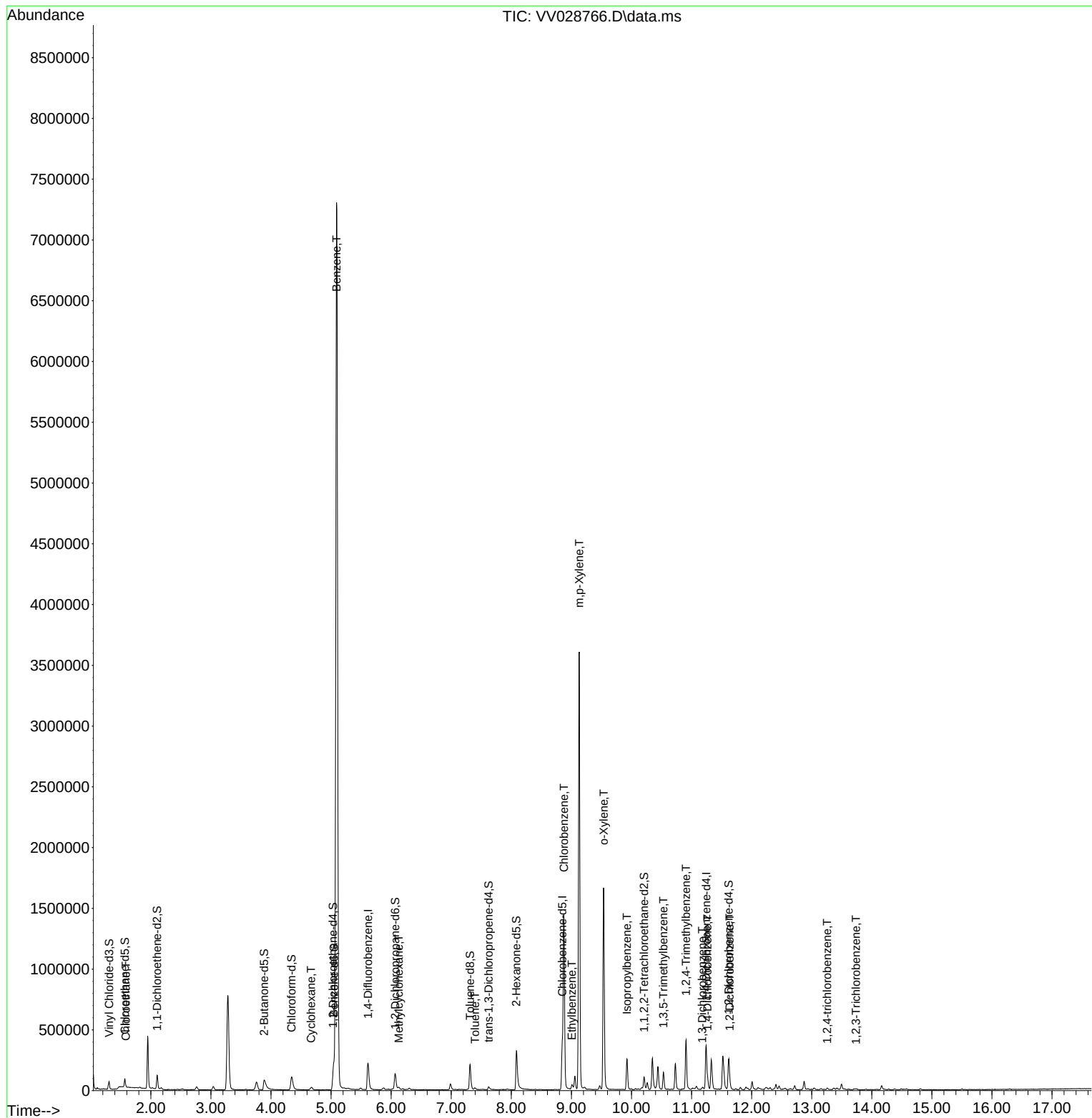
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102822\
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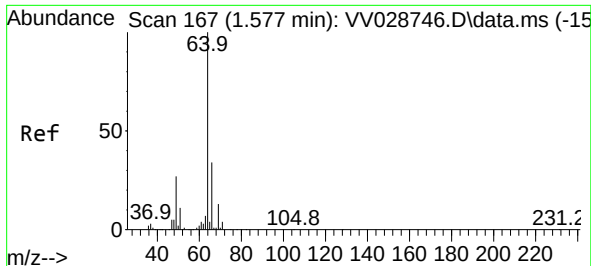
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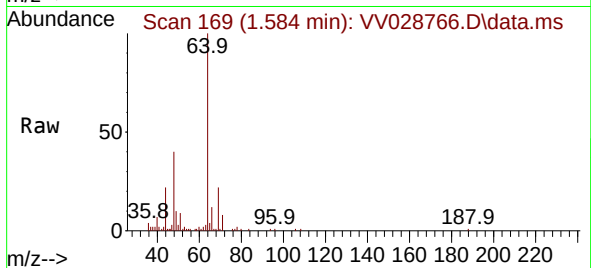
Quant Time: Oct 28 21:55:53 2022
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 Quant Title : TRACE VOA SFAM1.0
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#8
Chloroethane
Concen: 0.754 ug/L
RT: 1.584 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

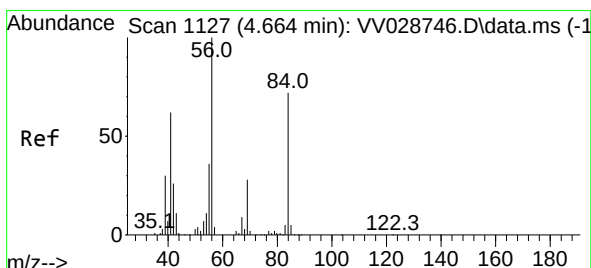
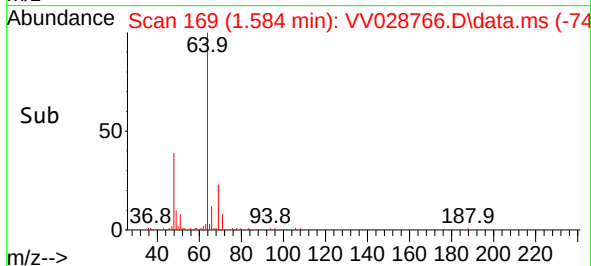
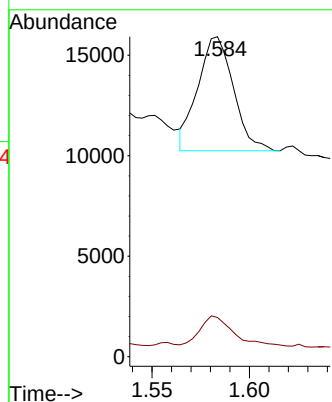
Instrument :
MSVOA_V
ClientSampleId :
BHAB3



Tgt Ion: 64 Resp: 7204
Ion Ratio Lower Upper
64 100
66 12.3 23.9 44.5

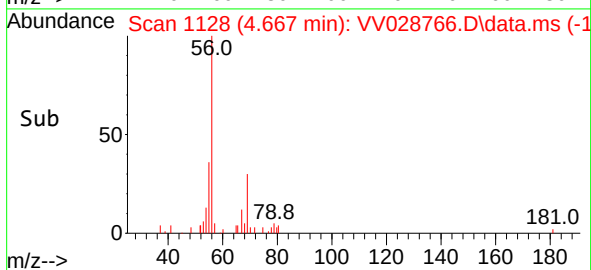
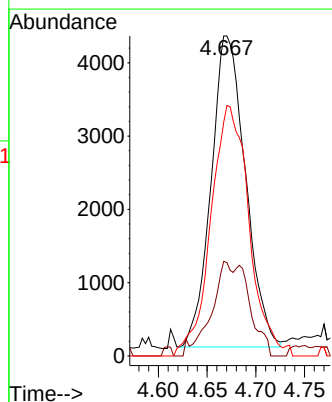
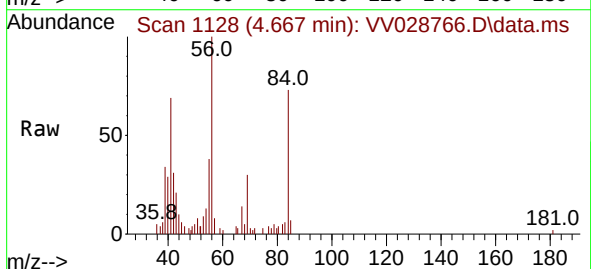
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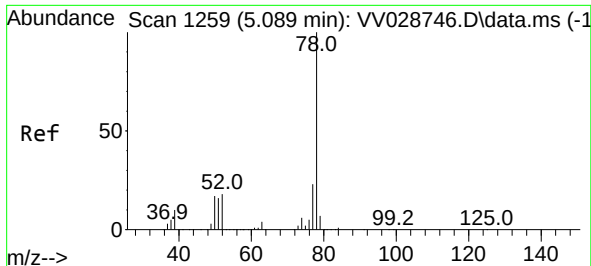
Reviewed By :Krupa Patel 10/31/2022
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#30
Cyclohexane
Concen: 0.495 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Tgt Ion: 56 Resp: 10407
Ion Ratio Lower Upper
56 100
69 19.2 22.6 34.0#
84 89.4 60.4 90.6





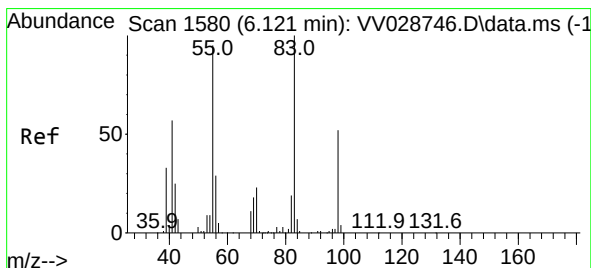
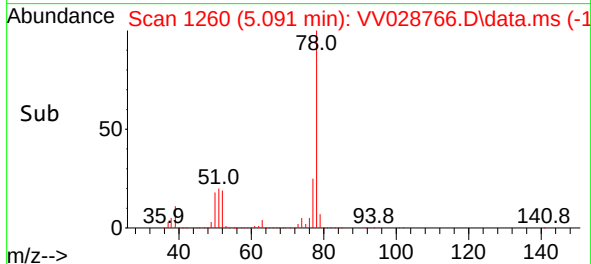
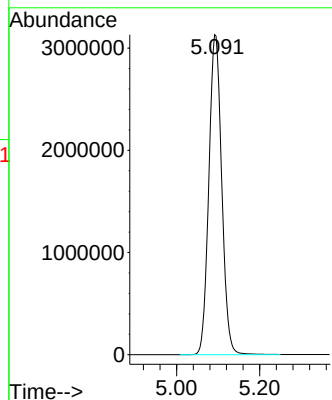
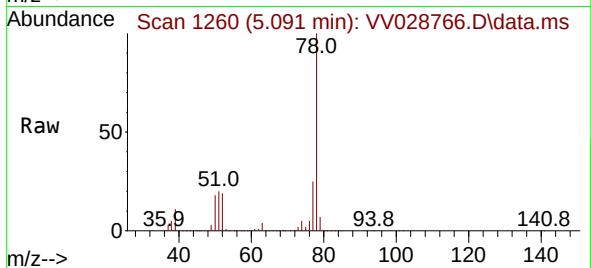
#33
Benzene
Concen: 133.116 ug/L
RT: 5.091 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Instrument :
MSVOA_V
ClientSampleId :
BHAB3

Tgt Ion: 78 Resp: 671242

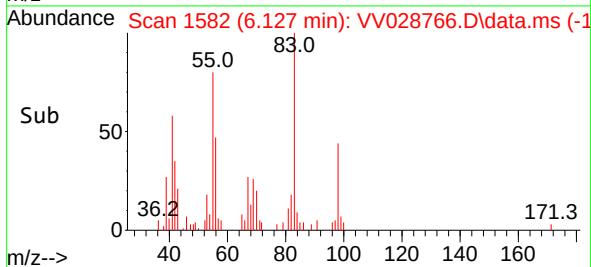
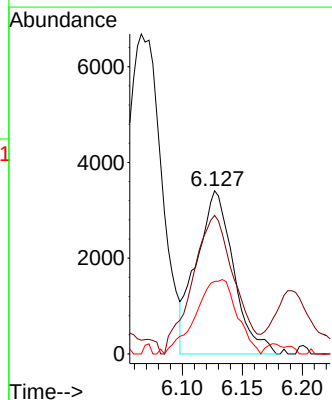
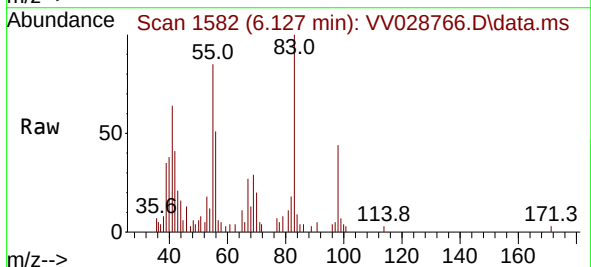
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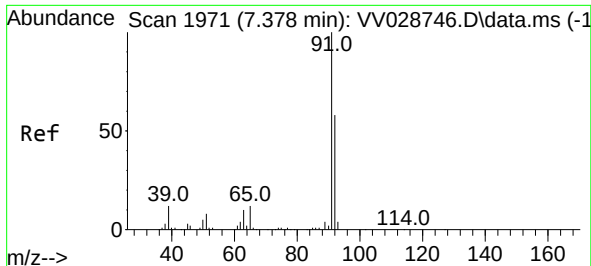
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#35
Methylcyclohexane
Concen: 0.423 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Tgt Ion: 83 Resp: 7300
Ion Ratio Lower Upper
83 100
55 96.8 70.0 105.0
98 50.9 35.6 53.4





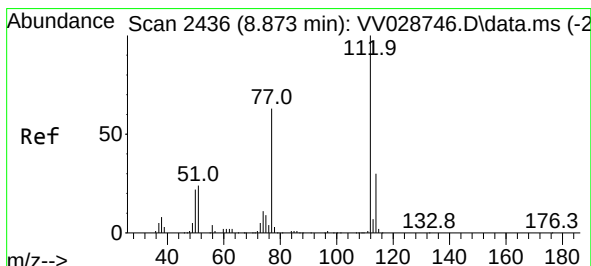
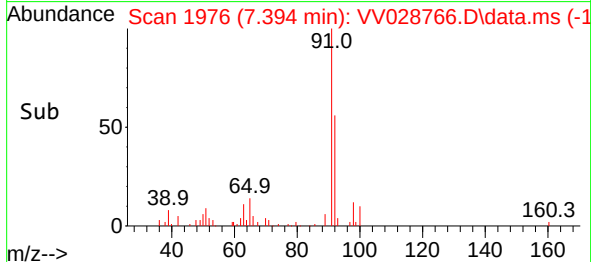
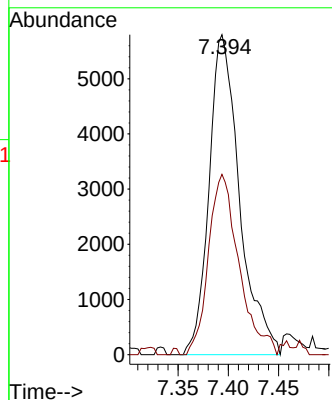
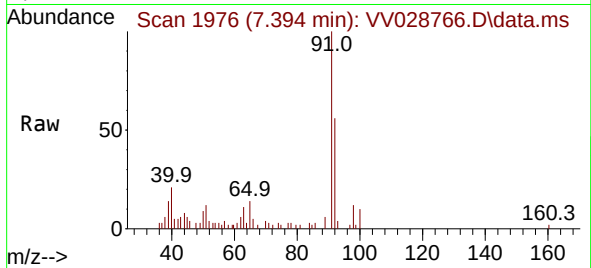
#42
Toluene
Concen: 0.256 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.016 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Instrument :
MSVOA_V
ClientSampleId :
BHAB3

Tgt Ion: 91 Resp: 12238
Ion Ratio Lower Upper
91 100
92 56.3 40.5 75.3

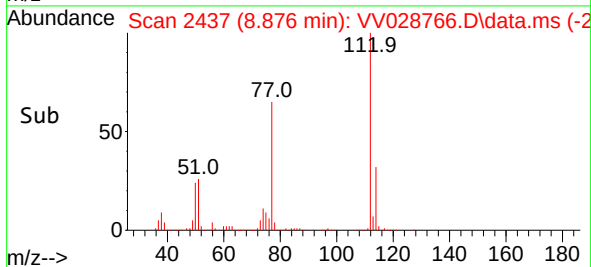
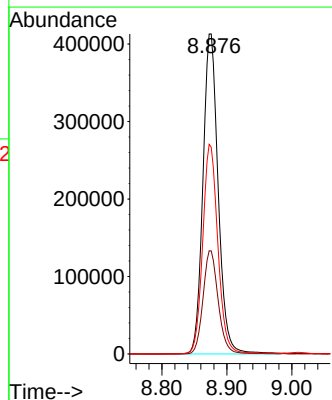
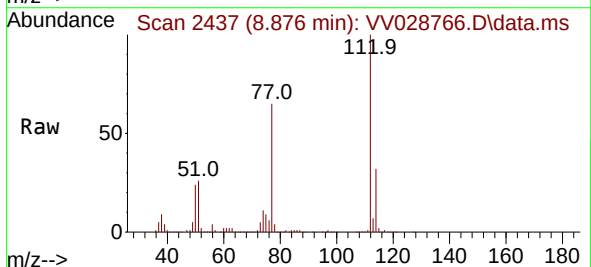
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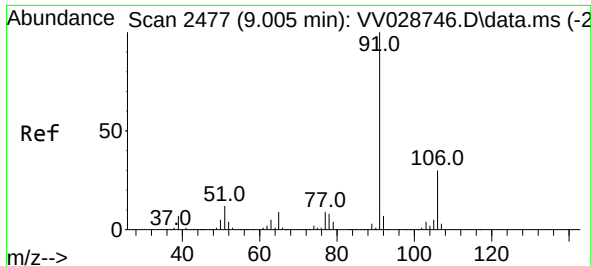
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#51
Chlorobenzene
Concen: 22.448 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Tgt Ion:112 Resp: 675831
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 64.6 50.0 75.0





#52

Ethylbenzene

Concen: 0.551 ug/L m

RT: 9.008 min Scan# 2477

Delta R.T. 0.003 min

Lab File: VV028766.D

Acq: 28 Oct 2022 19:22

Instrument :

MSVOA_V

ClientSampleId :

BHAB3

Tgt Ion: 91 Resp: 2928

Ion Ratio Lower Upper

91 100

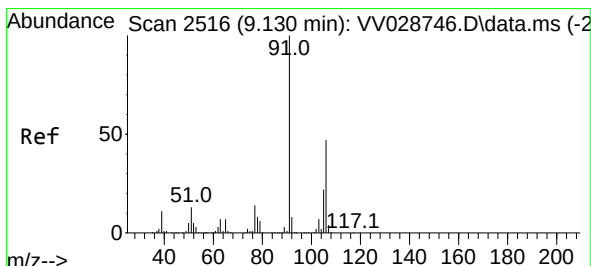
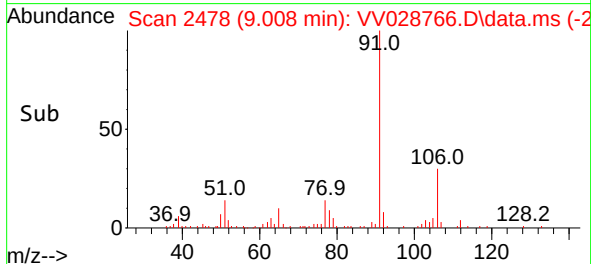
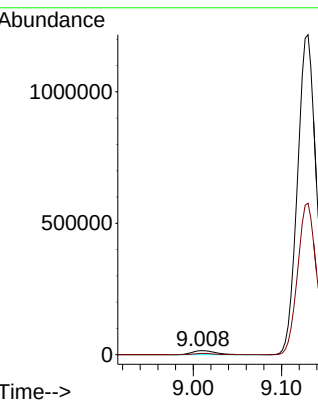
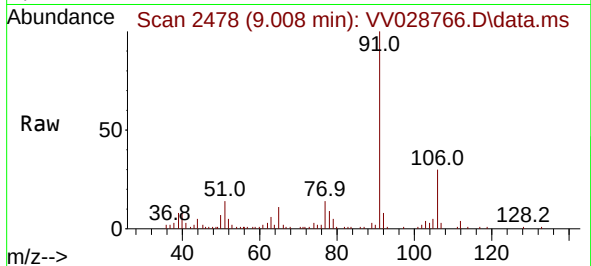
106 30.1 21.3 39.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/31/2022

Supervised By :Mahesh Dadoda 11/01/2022



#53

m,p-Xylene

Concen: 45.264 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.000 min

Lab File: VV028766.D

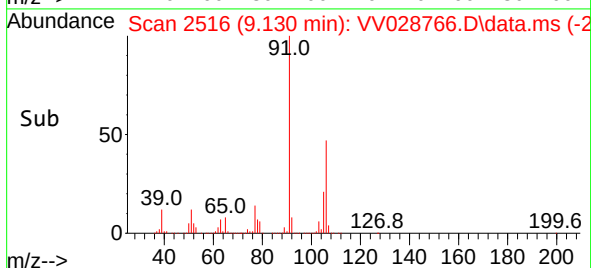
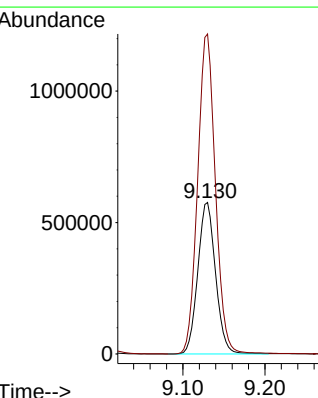
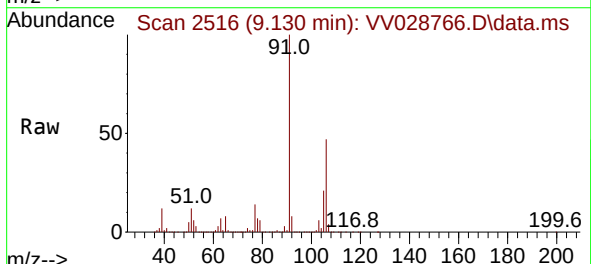
Acq: 28 Oct 2022 19:22

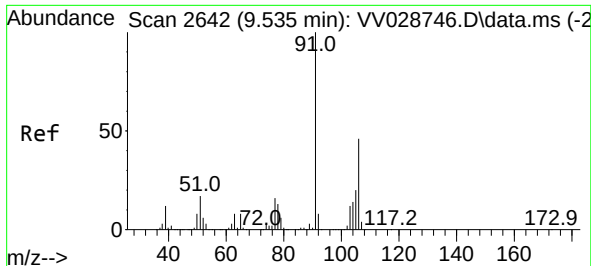
Tgt Ion:106 Resp: 868445

Ion Ratio Lower Upper

106 100

91 211.2 145.5 270.1





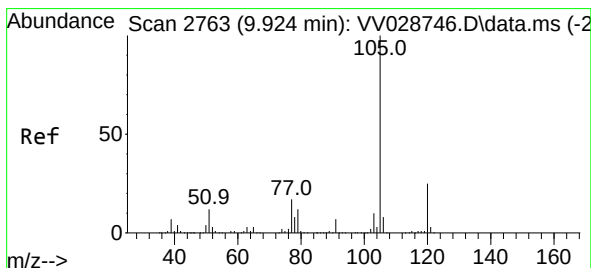
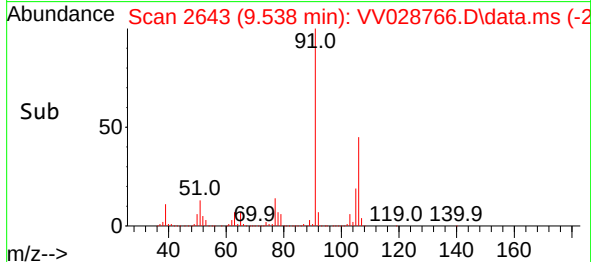
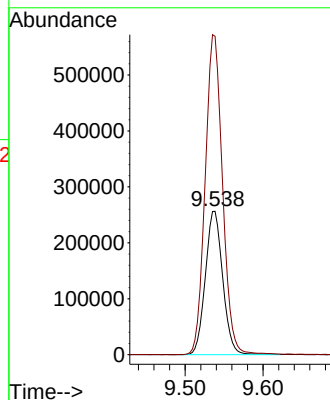
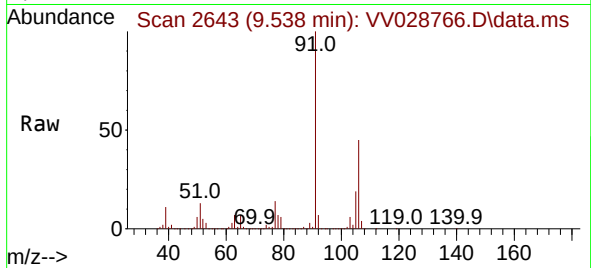
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o-Xylene
Concen: 20.595 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Instrument :
MSVOA_V
ClientSampleId :
BHAB3

Tgt Ion:106 Resp: 397499
Ion Ratio Lower Upper
106 100
91 222.0 159.0 295.4

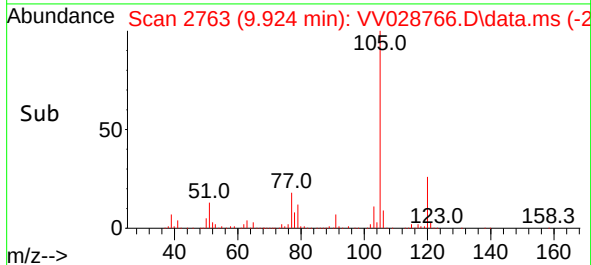
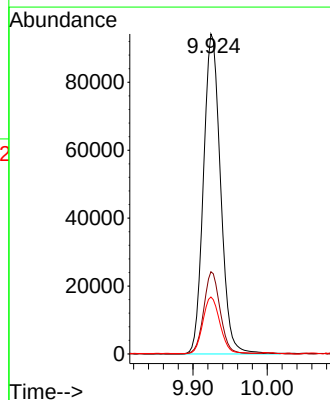
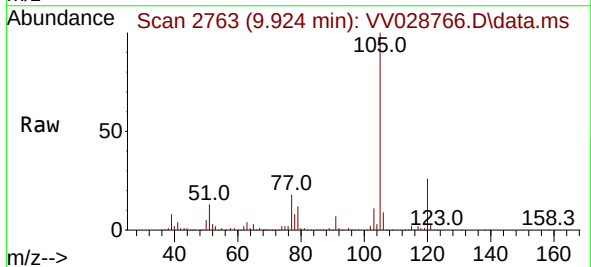
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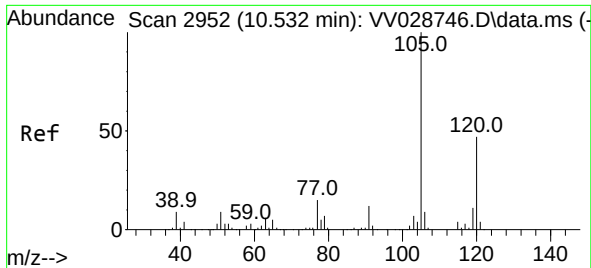
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Isopropylbenzene
Concen: 2.997 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Tgt Ion:105 Resp: 150608
Ion Ratio Lower Upper
105 100
120 24.7 20.1 30.1
77 17.6 13.4 20.0





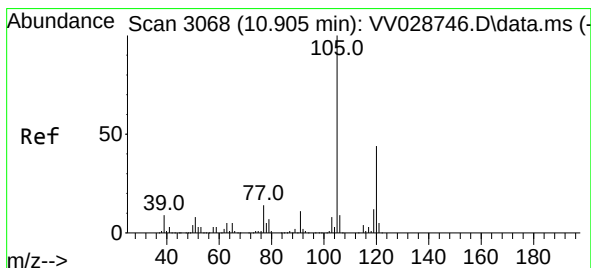
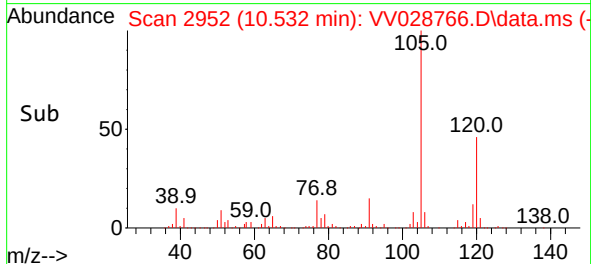
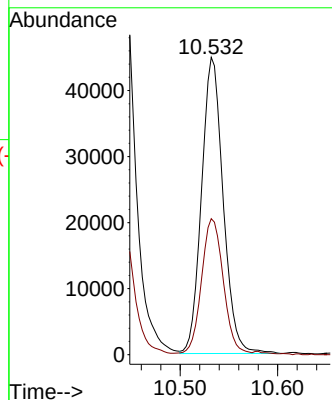
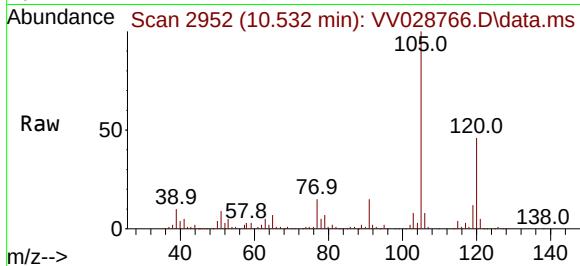
#62
1,3,5-Trimethylbenzene
Concen: 4.721 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

Instrument :
MSVOA_V
ClientSampleId :
BHAB3

Tgt Ion:105 Resp: 69220
Ion Ratio Lower Upper
105 100
120 45.1 38.3 57.5

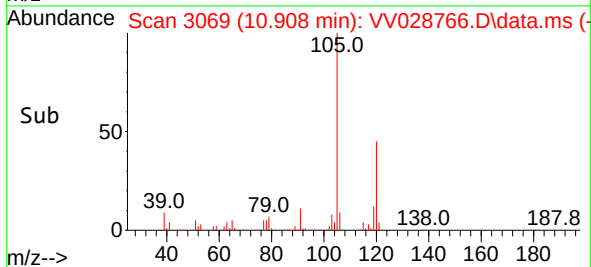
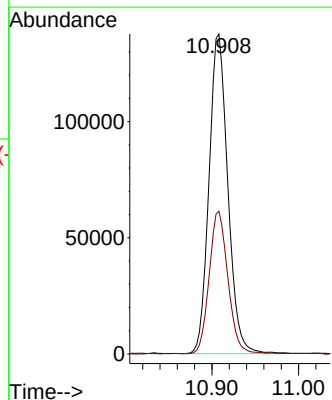
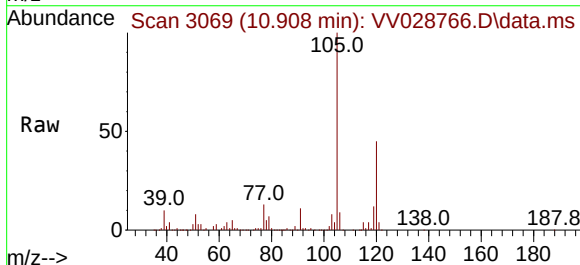
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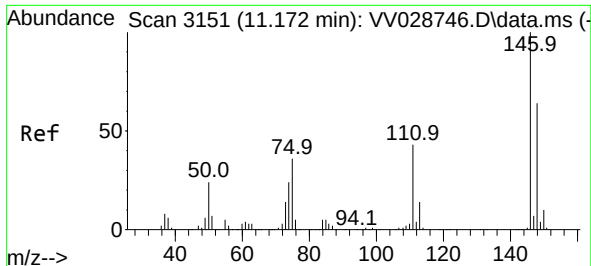
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022



#63
1,2,4-Trimethylbenzene
Concen: 5.113 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.003 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

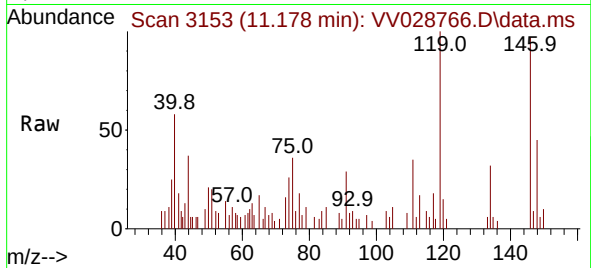
Tgt Ion:105 Resp: 207613
Ion Ratio Lower Upper
105 100
120 44.4 36.2 54.2





#64
1,3-Dichlorobenzene
Concen: 0.164 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

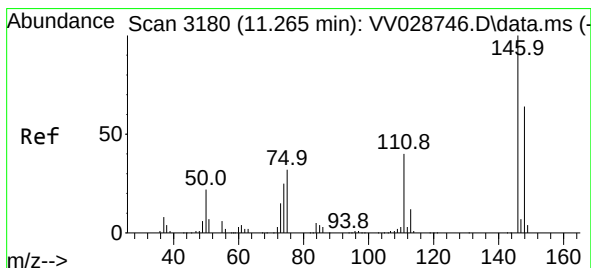
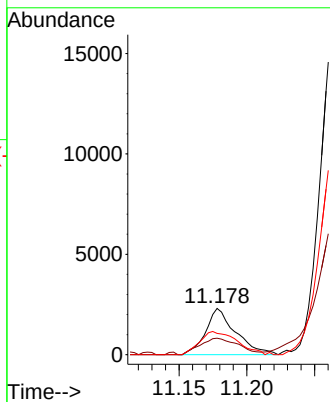
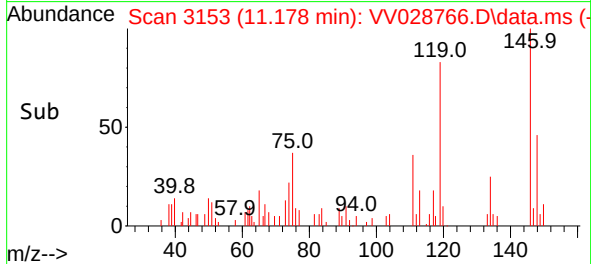
Instrument :
MSVOA_V
ClientSampleId :
BHAB3



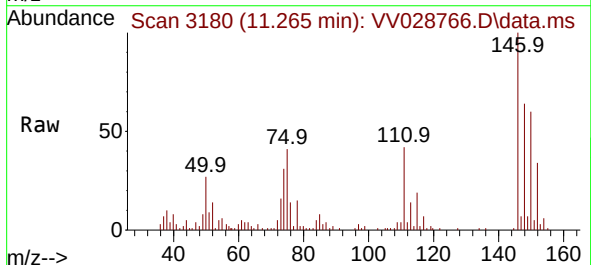
Tgt Ion:146 Resp: 3542
Ion Ratio Lower Upper
146 100
111 35.6 29.0 53.9
148 46.0 44.5 82.7

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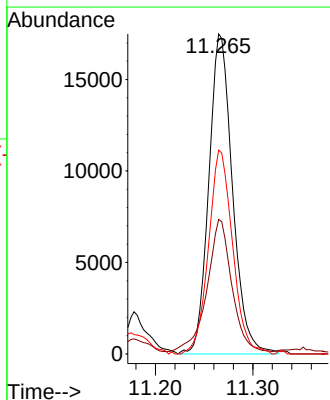
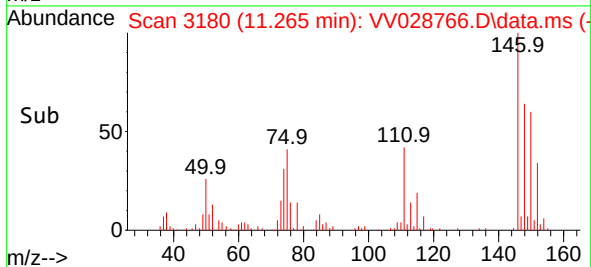
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022

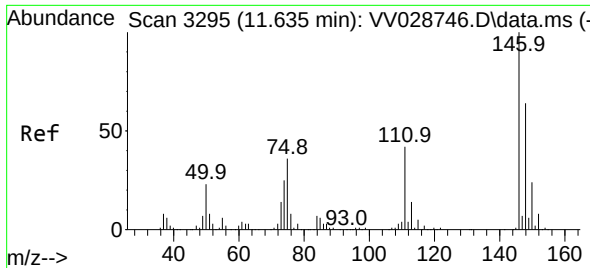


#65
1,4-Dichlorobenzene
Concen: 1.369 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22



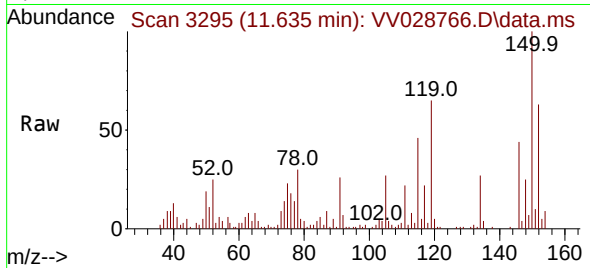
Tgt Ion:146 Resp: 29573
Ion Ratio Lower Upper
146 100
111 42.0 28.6 53.2
148 63.7 44.3 82.3





#67
1,2-Dichlorobenzene
Concen: 0.522 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22

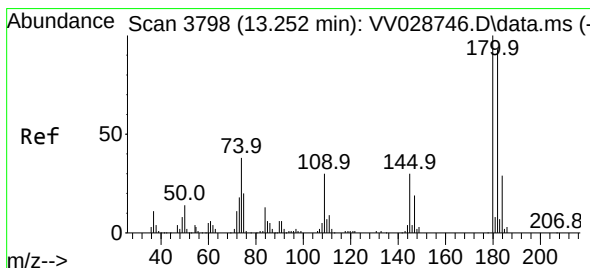
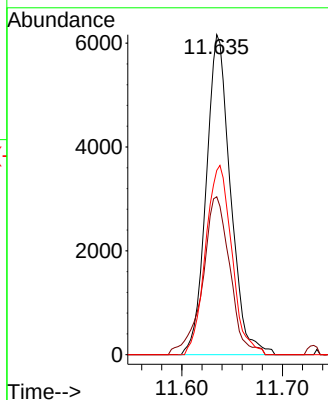
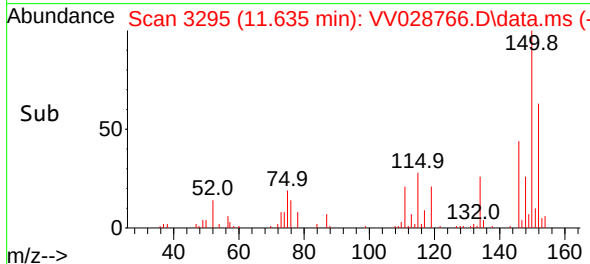
Instrument :
MSVOA_V
ClientSampleId :
BHAB3



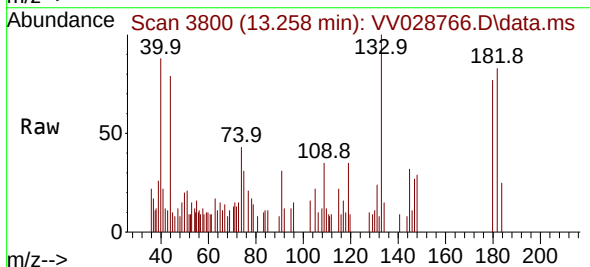
Tgt Ion:146 Resp: 1033
Ion Ratio Lower Upper
146 100
111 49.4 36.2 54.4
148 57.6 50.6 75.8

Manual Integrations
APPROVED

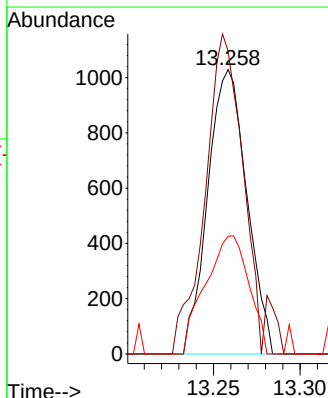
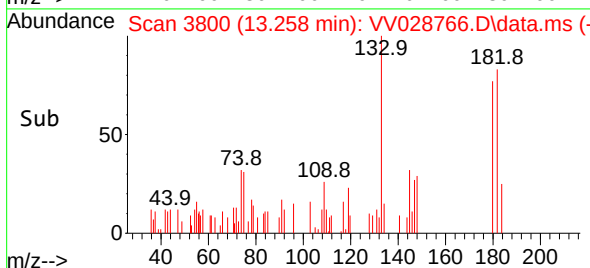
Reviewed By :Krupa Patel 10/31/2022
Supervised By :Mahesh Dadoda 11/01/2022

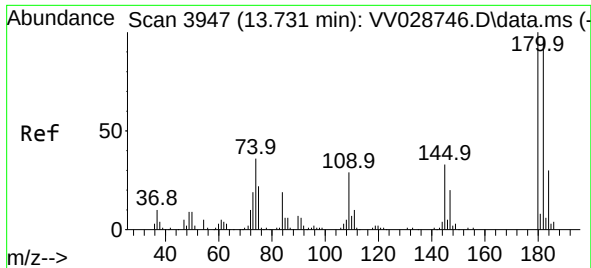


#70
1,2,4-trichlorobenzene
Concen: 0.129 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. 0.006 min
Lab File: VV028766.D
Acq: 28 Oct 2022 19:22



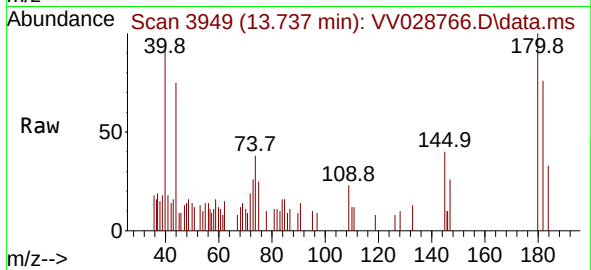
Tgt Ion:180 Resp: 1612
Ion Ratio Lower Upper
180 100
182 107.5 74.7 112.1
145 46.4 25.5 38.3#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.176 ug/L
 RT: 13.737 min Scan# 3949
 Delta R.T. 0.006 min
 Lab File: VV028766.D
 Acq: 28 Oct 2022 19:22

Instrument :
 MSVOA_V
 ClientSampleId :
 BHAB3



Tgt Ion:180	Resp:	1952
Ion Ratio	Lower	Upper
180	100	
182	94.3	73.4 110.0
145	50.4	26.3 39.5

Manual Integrations
 APPROVED

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

