

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102722\
 Data File : VW028737.D
 Acq On : 27 Oct 2022 23:51
 Operator : SY/MD
 Sample : N5232-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 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 05:37:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	201451	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	198407	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	96313	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	47247	3.372	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.400%
7) Chloroethane-d5	1.564	69	47520	4.011	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.101	63	74929	2.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.200%#
20) 2-Butanone-d5	3.899	46	113559	35.546	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.100%
24) Chloroform-d	4.342	84	98479	4.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.030	65	52833	4.280	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	5.047	84	189482	3.571	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.400%
36) 1,2-Dichloropropane-d6	6.066	67	69184	4.119	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%
41) Toluene-d8	7.310	98	152432	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.622	79	16023	3.071	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.400%
46) 2-Hexanone-d5	8.088	63	105986	43.633	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.260%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	52747	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	60034	4.519	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						Qvalue
8) Chloroethane	1.580	64	103264	9.637	ug/L	93
13) Acetone	2.182	43	8764	4.622	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	2749	0.247	ug/L	89
30) Cyclohexane	4.670	56	39880	1.613	ug/L	99
33) Benzene	5.092	78	431599	7.278	ug/L	100
35) Methylcyclohexane	6.124	83	35563	1.752	ug/L	97
42) Toluene	7.387	91	31838	0.566	ug/L	98
51) Chlorobenzene	8.879	112	12072143	340.980	ug/L	89
52) Ethylbenzene	9.011	91	30504	0.488	ug/L	95
53) m,p-Xylene	9.136	106	21542	0.955	ug/L	95
54) o-Xylene	9.538	106	19810	0.873	ug/L	96
60) Isopropylbenzene	9.924	105	4287872	70.749	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	44520m	0.909	ug/L	
64) 1,3-Dichlorobenzene	11.178	146	15798	0.605	ug/L	96
65) 1,4-Dichlorobenzene	11.265	146	133734	5.134	ug/L	97
67) 1,2-Dichlorobenzene	11.635	146	64746	2.712	ug/L	99

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

Instrument :

MSVOA_V

ClientSampleId :

BHAB9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/28/2022

Supervised By :Mahesh Dadoda 11/01/2022

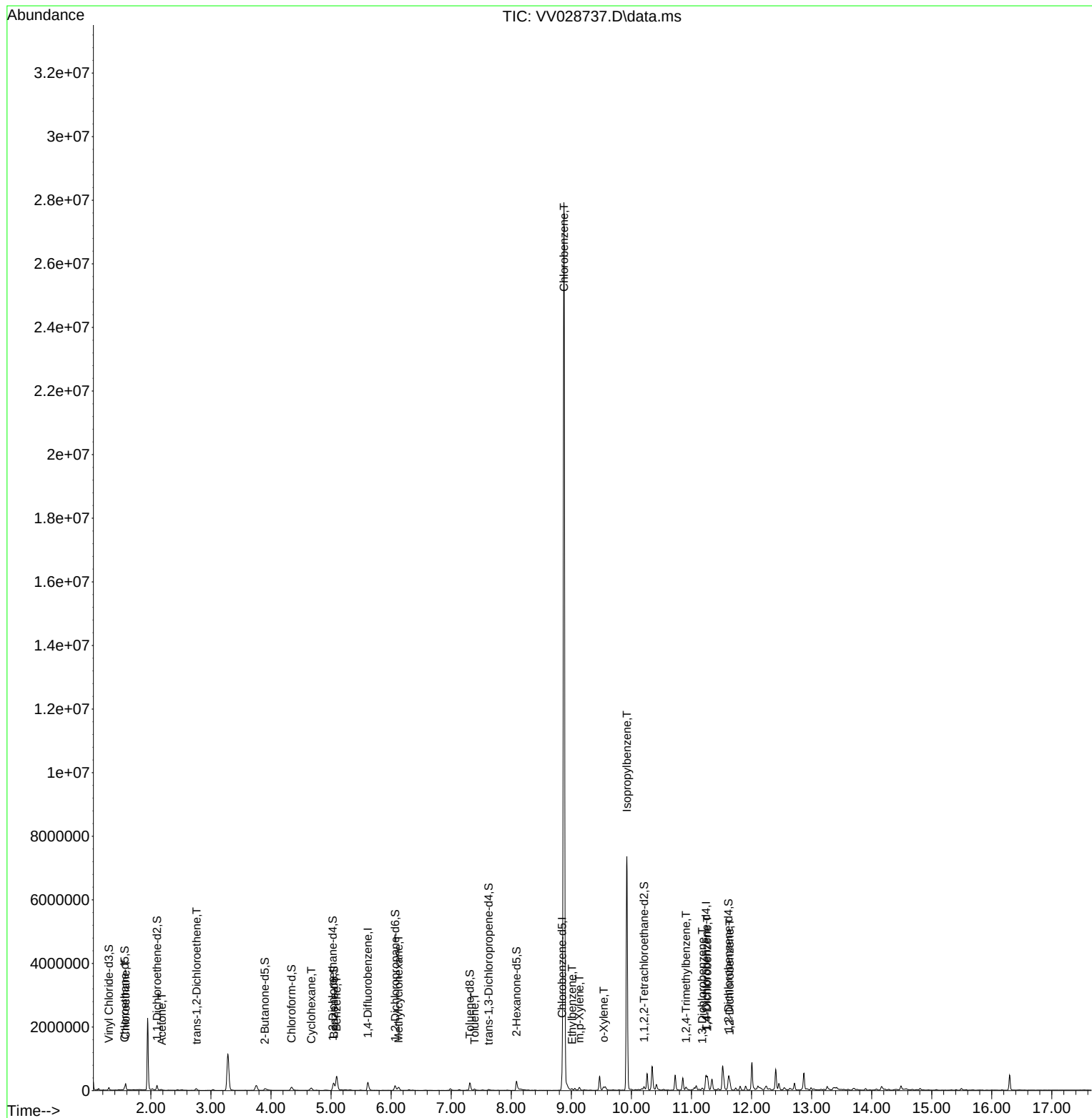
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102722\
Data File : VV028737.D
Acq On : 27 Oct 2022 23:51
Operator : SY/MD
Sample : N5232-16
Misc : 25.0mL/MSVOA_V/WATER
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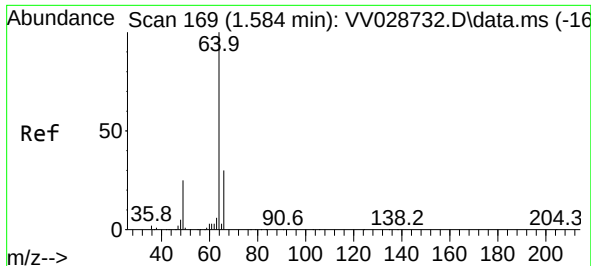
Instrument :
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ClientSampleId :
BHAB9

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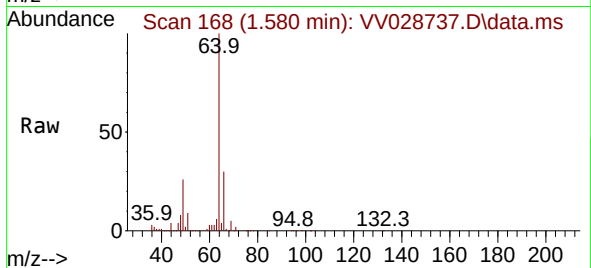
Quant Time: Oct 28 05:37:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 28 05:21:35 2022
Response via : Initial Calibration





#8
Chloroethane
Concen: 9.637 ug/L
RT: 1.580 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

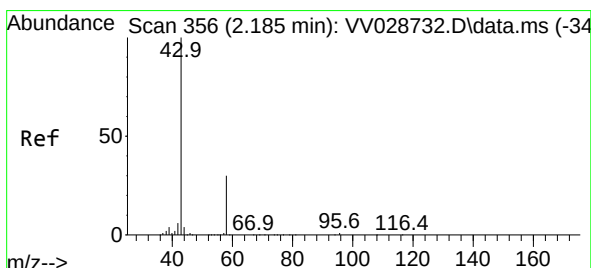
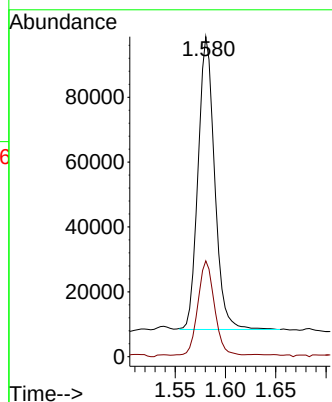
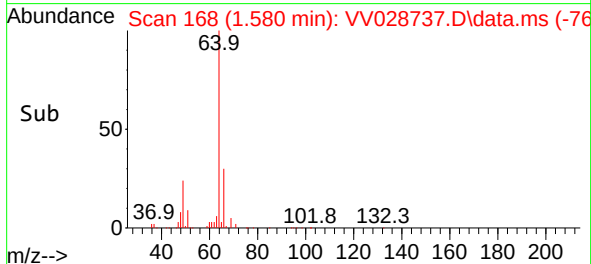
Instrument :
MSVOA_V
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Tgt Ion: 64 Resp: 103264
Ion Ratio Lower Upper
64 100
66 30.0 23.9 44.5

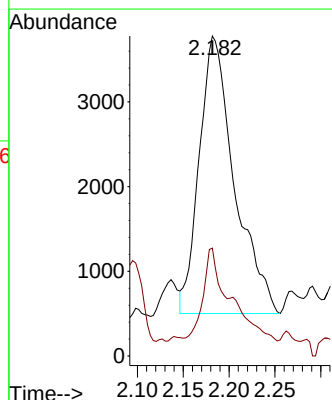
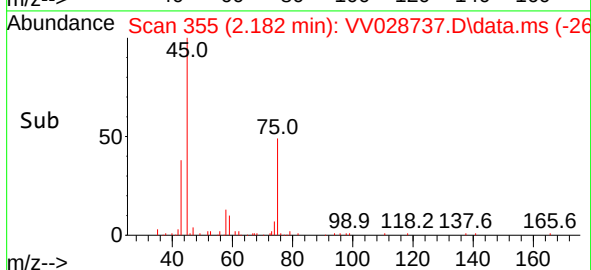
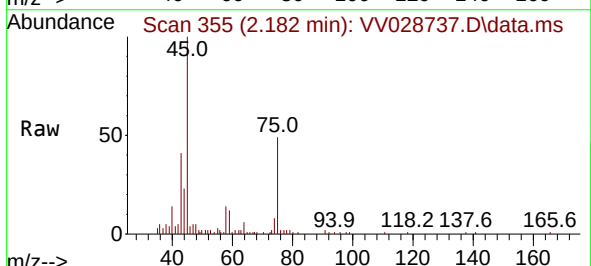
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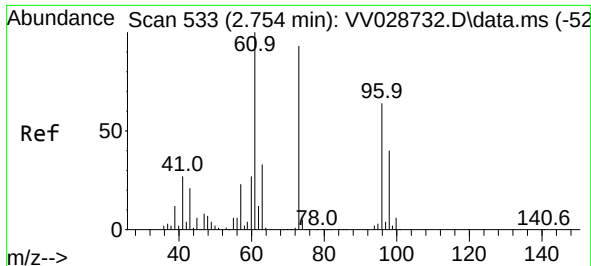
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#13
Acetone
Concen: 4.622 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

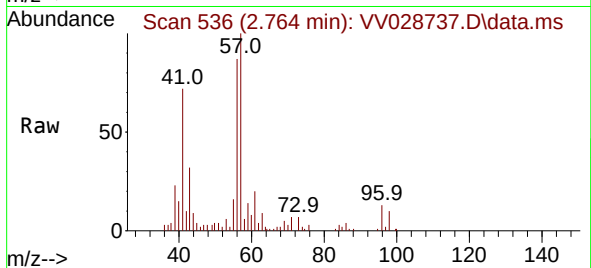
Tgt Ion: 43 Resp: 8764
Ion Ratio Lower Upper
43 100
58 25.4 0.0 50.2





#18
trans-1,2-Dichloroethene
Concen: 0.247 ug/L
RT: 2.764 min Scan# 511
Delta R.T. 0.010 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

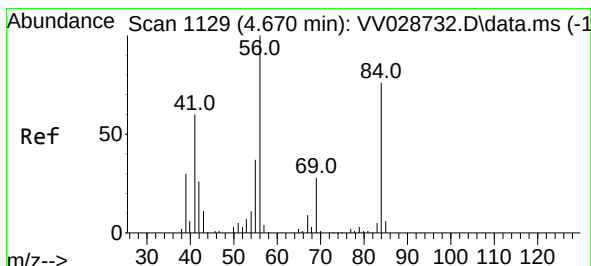
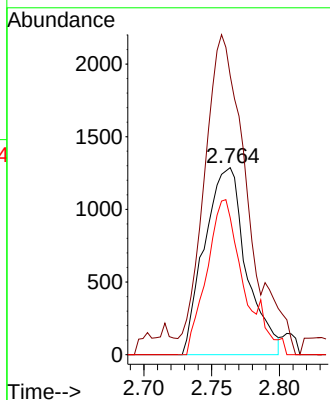
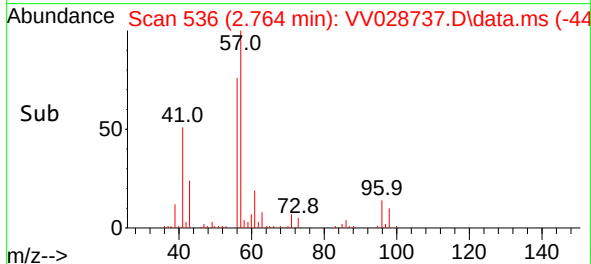
Instrument :
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Tgt Ion: 96 Resp: 2749
Ion Ratio Lower Upper
96 100
61 149.2 114.3 212.3
98 73.3 45.0 83.6

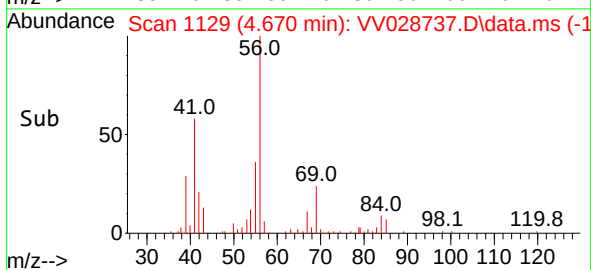
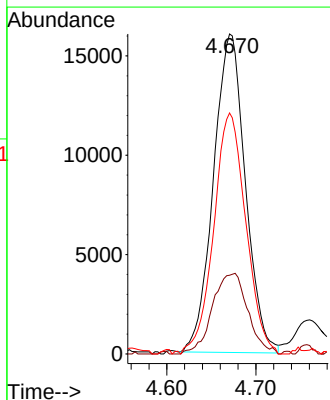
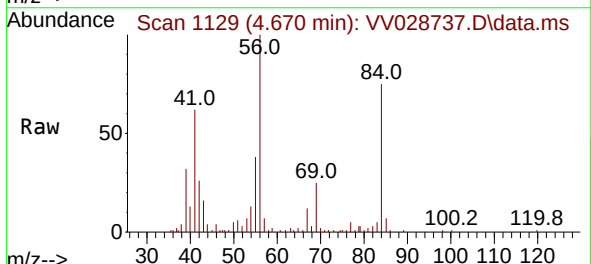
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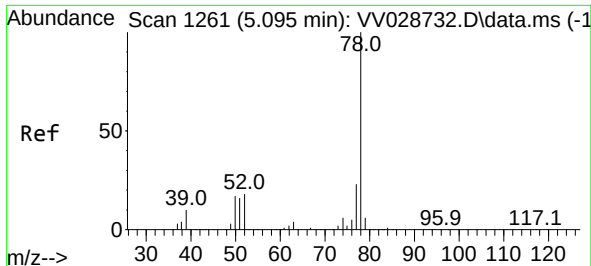
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#30
Cyclohexane
Concen: 1.613 ug/L
RT: 4.670 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Tgt Ion: 56 Resp: 39880
Ion Ratio Lower Upper
56 100
69 28.0 22.6 34.0
84 76.2 60.4 90.6





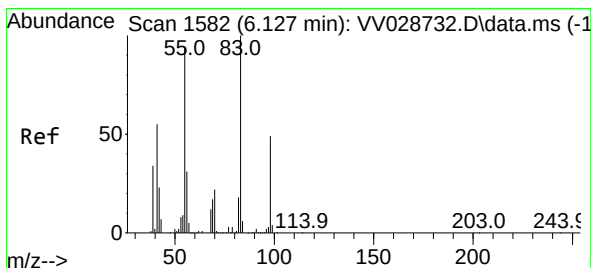
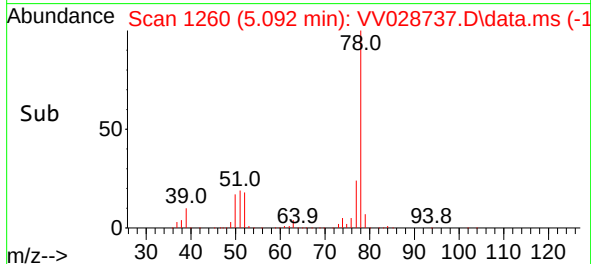
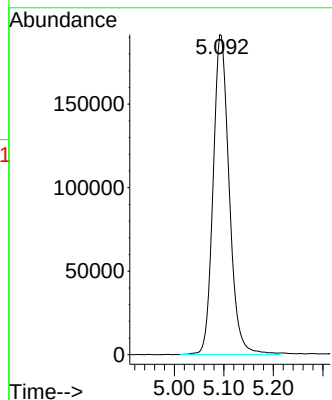
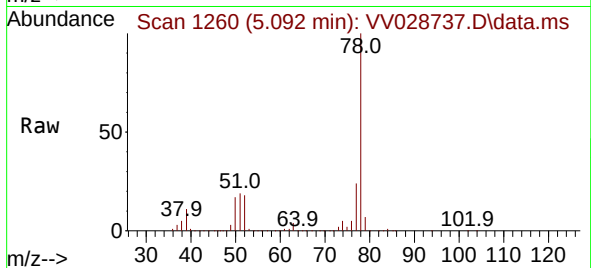
#33
Benzene
Concen: 7.278 ug/L
RT: 5.092 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Instrument :
MSVOA_V
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Tgt Ion: 78 Resp: 431599

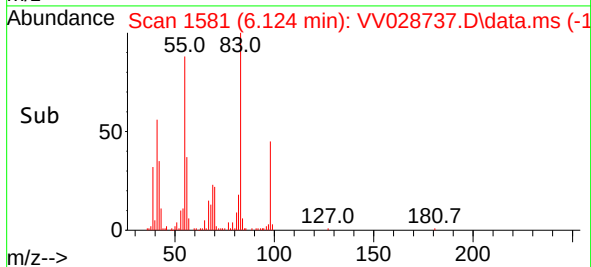
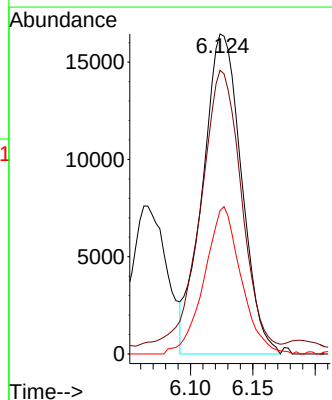
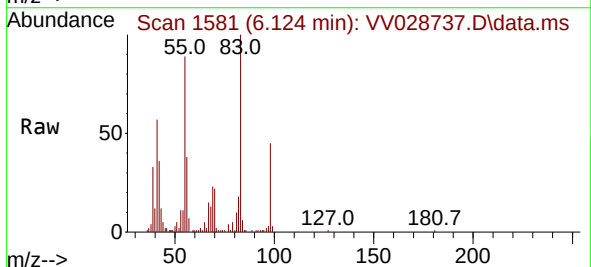
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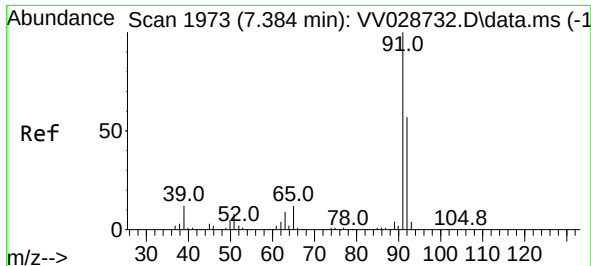
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#35
Methylcyclohexane
Concen: 1.752 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Tgt Ion: 83 Resp: 35563
Ion Ratio Lower Upper
83 100
55 91.6 70.0 105.0
98 43.8 35.6 53.4





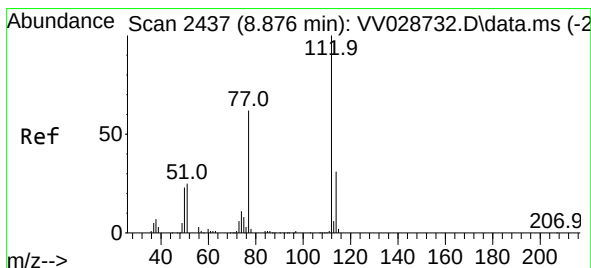
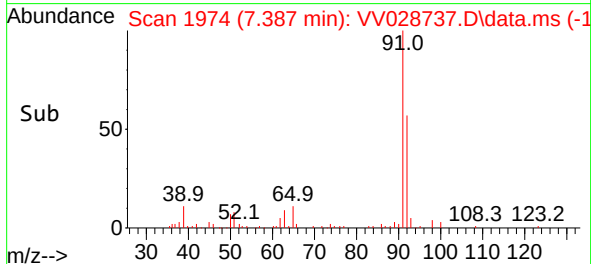
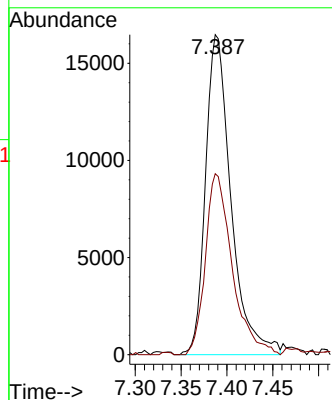
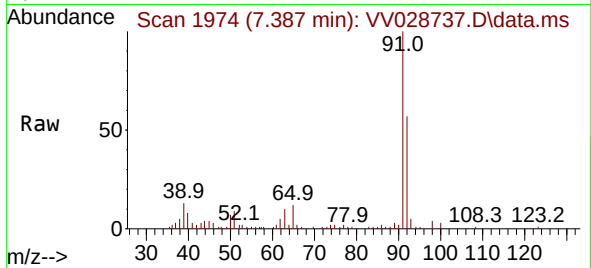
#42
Toluene
Concen: 0.566 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

Tgt Ion: 91 Resp: 31838
Ion Ratio Lower Upper
91 100
92 56.6 40.5 75.3

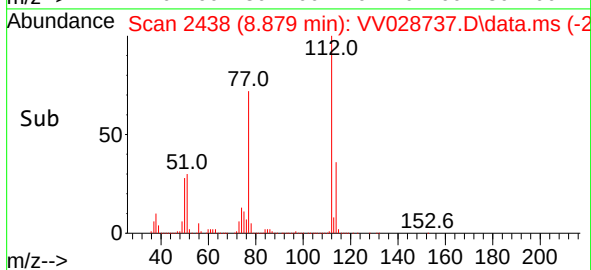
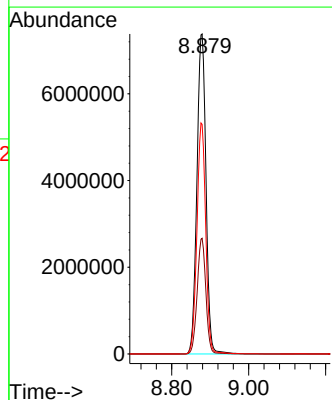
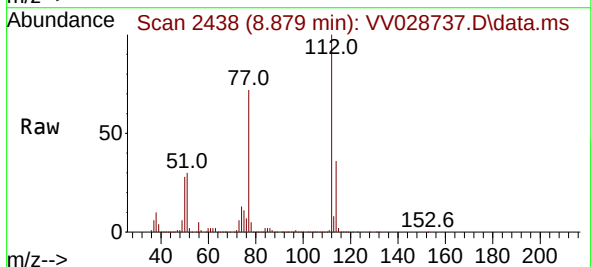
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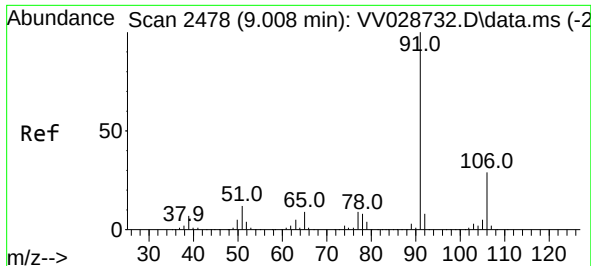
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#51
Chlorobenzene
Concen: 340.980 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Tgt Ion:112 Resp:12072143
Ion Ratio Lower Upper
112 100
114 36.1 22.0 41.0
77 71.7 50.0 75.0





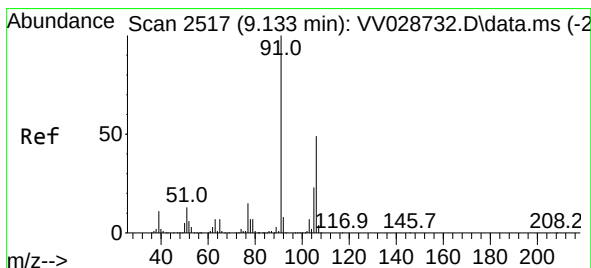
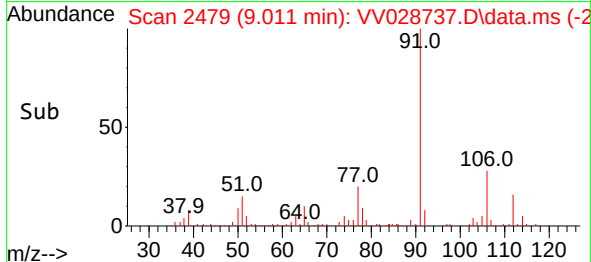
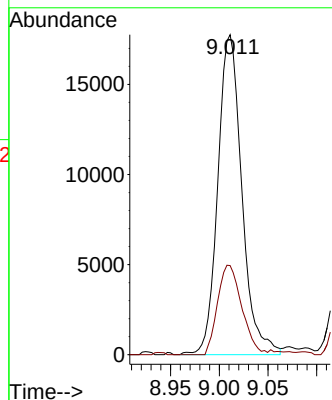
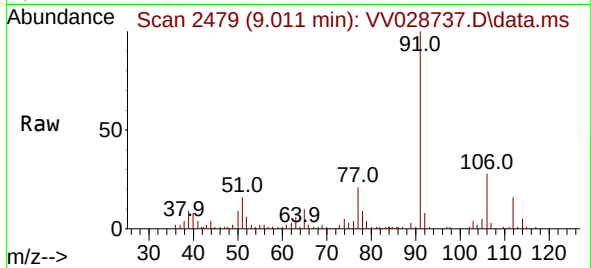
#52
Ethylbenzene
Concen: 0.488 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

Tgt Ion: 91 Resp: 30504
Ion Ratio Lower Upper
91 100
106 27.8 21.3 39.6

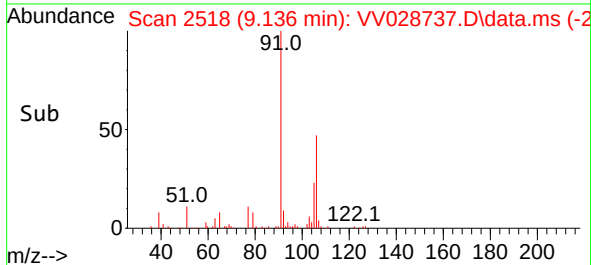
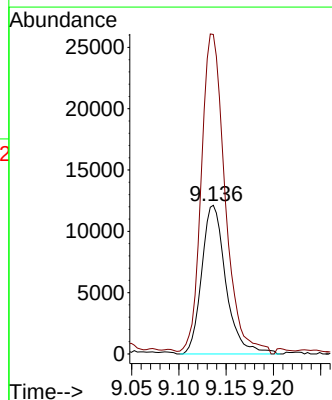
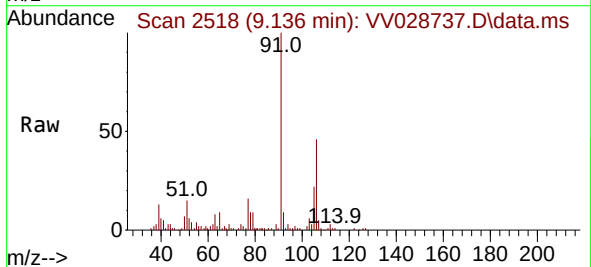
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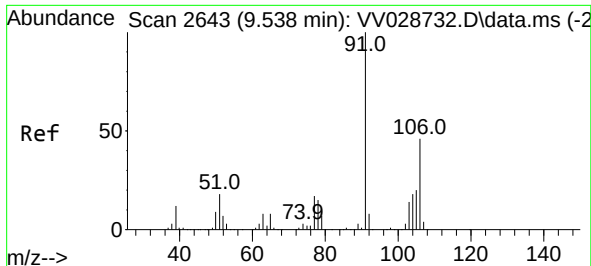
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#53
m,p-Xylene
Concen: 0.955 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Tgt Ion:106 Resp: 21542
Ion Ratio Lower Upper
106 100
91 215.1 145.5 270.1





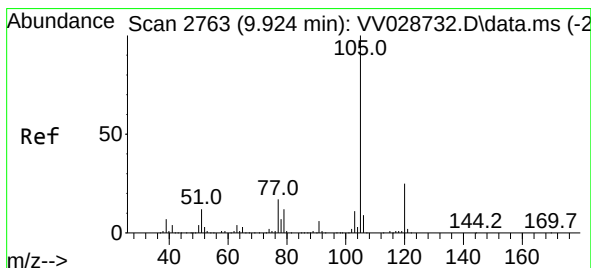
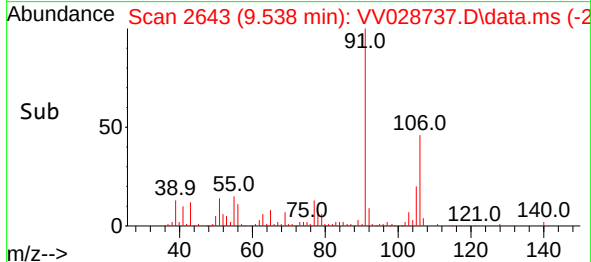
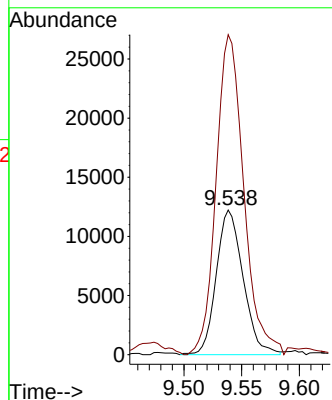
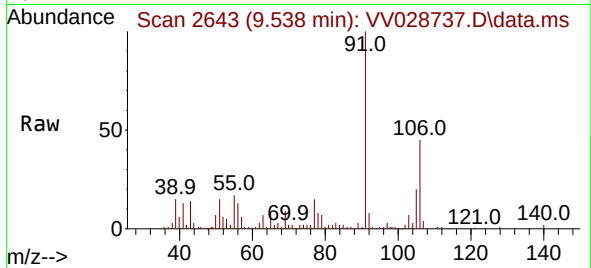
#54
o-Xylene
Concen: 0.873 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

Instrument :
MSVOA_V
ClientSampleId :
BHAB9

Tgt Ion:106 Resp: 19810
Ion Ratio Lower Upper
106 100
91 221.1 159.0 295.4

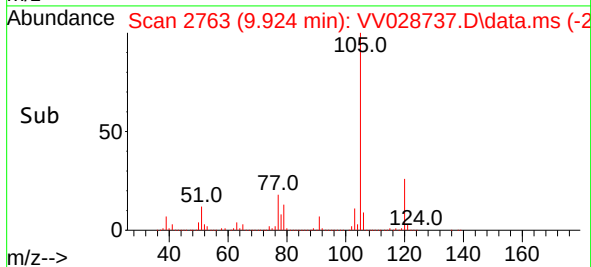
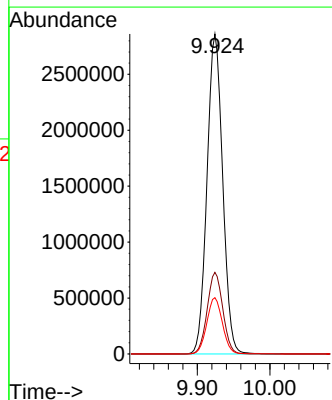
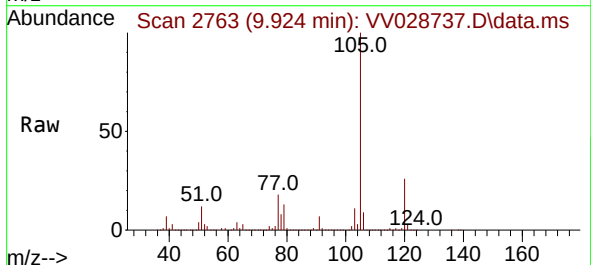
Manual Integrations
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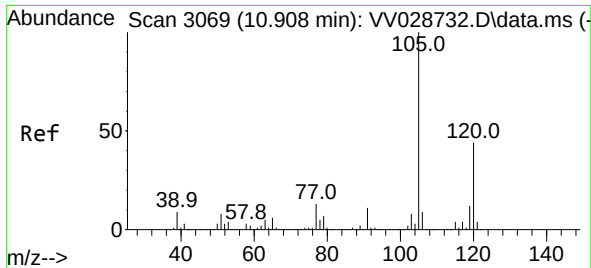
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#60
Isopropylbenzene
Concen: 70.749 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

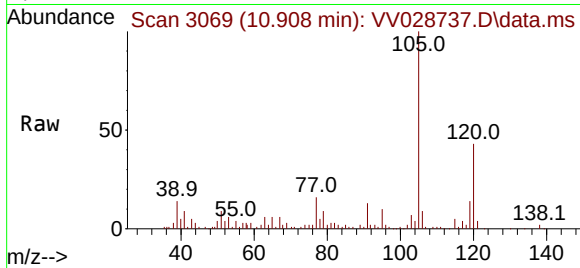
Tgt Ion:105 Resp: 4287872
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 17.5 13.4 20.0





#63
1,2,4-Trimethylbenzene
Concen: 0.909 ug/L m
RT: 10.908 min Scan# 3069
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

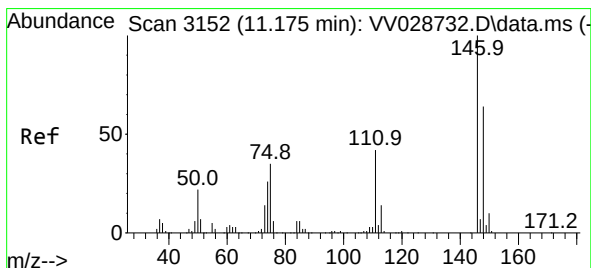
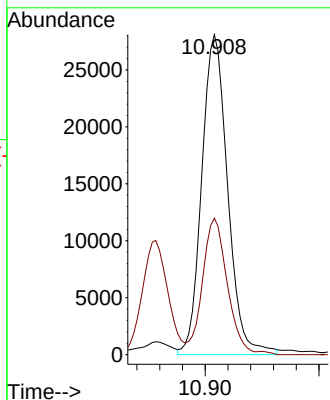
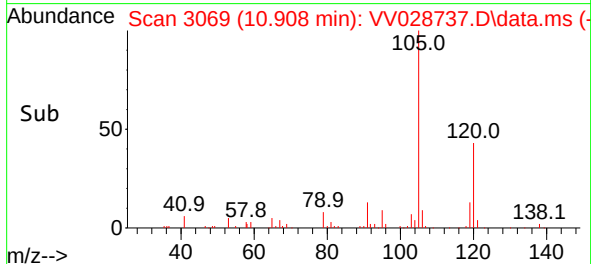
Instrument :
MSVOA_V
ClientSampleId :
BHAB9



Tgt Ion:105 Resp: 44520
Ion Ratio Lower Upper
105 100
120 174.9 36.2 54.2

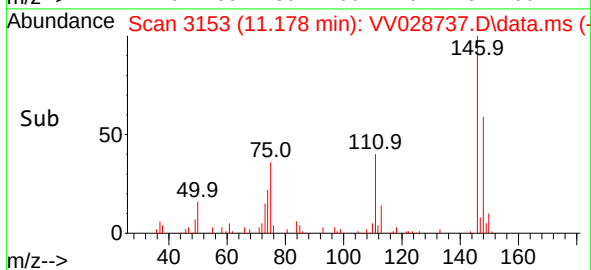
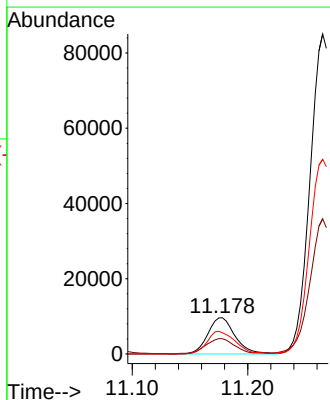
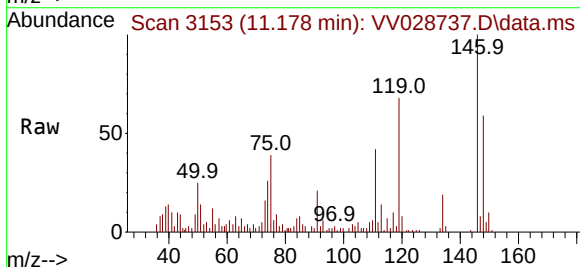
Manual Integrations
APPROVED

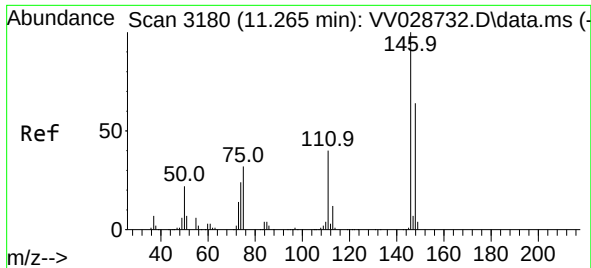
Reviewed By :Krupa Patel 10/28/2022
Supervised By :Mahesh Dadoda 11/01/2022



#64
1,3-Dichlorobenzene
Concen: 0.605 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

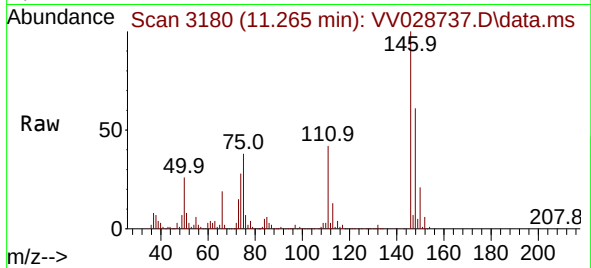
Tgt Ion:146 Resp: 15798
Ion Ratio Lower Upper
146 100
111 42.2 29.0 53.9
148 58.7 44.5 82.7





#65
1,4-Dichlorobenzene
Concen: 5.134 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51

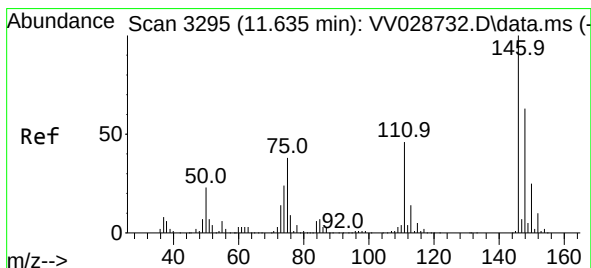
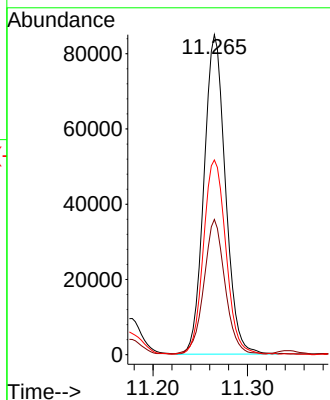
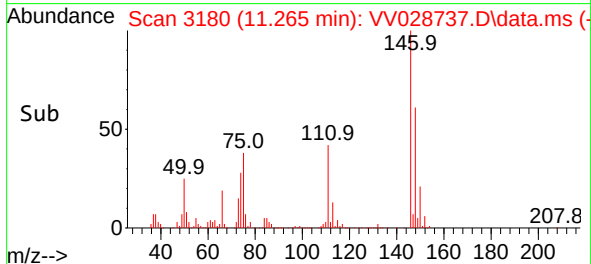
Instrument :
MSVOA_V
ClientSampleId :
BHAB9



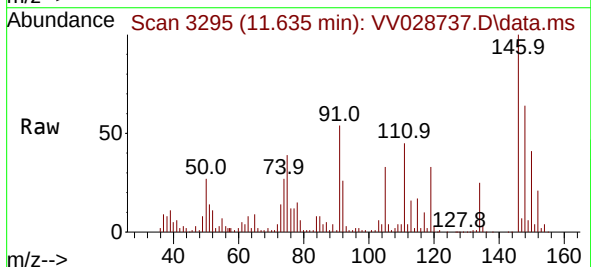
Tgt Ion:146 Resp: 133734
Ion Ratio Lower Upper
146 100
111 42.2 28.6 53.2
148 60.8 44.3 82.3

Manual Integrations
APPROVED

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



#67
1,2-Dichlorobenzene
Concen: 2.712 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. -0.000 min
Lab File: VV028737.D
Acq: 27 Oct 2022 23:51



Tgt Ion:146 Resp: 64746
Ion Ratio Lower Upper
146 100
111 44.6 36.2 54.4
148 63.5 50.6 75.8

