

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102622\
 Data File : VW028705.D
 Acq On : 26 Oct 2022 19:40
 Operator : SY/MD
 Sample : N5232-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHA49

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/27/2022
 Supervised By :Mahesh Dadoda 10/28/2022

Quant Time: Oct 27 06:26:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 27 05:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	154263	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	155439	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	76902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74102	6.907	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	138.200%#
7) Chloroethane-d5	1.564	69	64073	7.063	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	141.200%#
11) 1,1-Dichloroethene-d2	2.105	63	106535	5.134	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.600%
20) 2-Butanone-d5	3.892	46	138129	56.463	ug/L	-0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.920%
24) Chloroform-d	4.342	84	117050	6.283	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	125.600%#
26) 1,2-Dichloroethane-d4	5.030	65	64233	6.795	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.000%#
32) Benzene-d6	5.047	84	241053	5.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.066	67	83779	6.367	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	127.400%
41) Toluene-d8	7.313	98	198043	6.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.200%
43) trans-1,3-Dichloroprop...	7.622	79	13288	3.250	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.000%
46) 2-Hexanone-d5	8.085	63	124654	65.504	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.000%#
56) 1,1,2,2-Tetrachloroeth...	10.210	84	57561	6.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.000%#
66) 1,2-Dichlorobenzene-d4	11.615	152	70779	6.673	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	133.400%#
Target Compounds						Qvalue
8) Chloroethane	1.584	64	49232	6.000	ug/L	83
13) Acetone	2.182	43	22454	15.464	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	28975	1.303	ug/L #	50
18) trans-1,2-Dichloroethene	2.760	96	2506	0.294	ug/L	93
19) 1,1-Dichloroethane	3.191	63	3669	0.178	ug/L #	86
30) Cyclohexane	4.674	56	30220	1.560	ug/L	96
33) Benzene	5.088	78	20707181m	445.736	ug/L	
35) Methylcyclohexane	6.127	83	18816	1.184	ug/L	90
42) Toluene	7.387	91	86829	1.971	ug/L	100
51) Chlorobenzene	8.879	112	11248131	405.529	ug/L	91
52) Ethylbenzene	9.008	91	170833	3.490	ug/L	96
53) m,p-Xylene	9.130	106	1151879	65.166	ug/L	98
54) o-Xylene	9.535	106	163196	9.178	ug/L	99
60) Isopropylbenzene	9.924	105	2737362	56.566	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	119872	8.491	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	540782	13.833	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	14159	0.679	ug/L	94
65) 1,4-Dichlorobenzene	11.265	146	123803	5.953	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	68305	3.584	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Oct 27 05:05:38 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

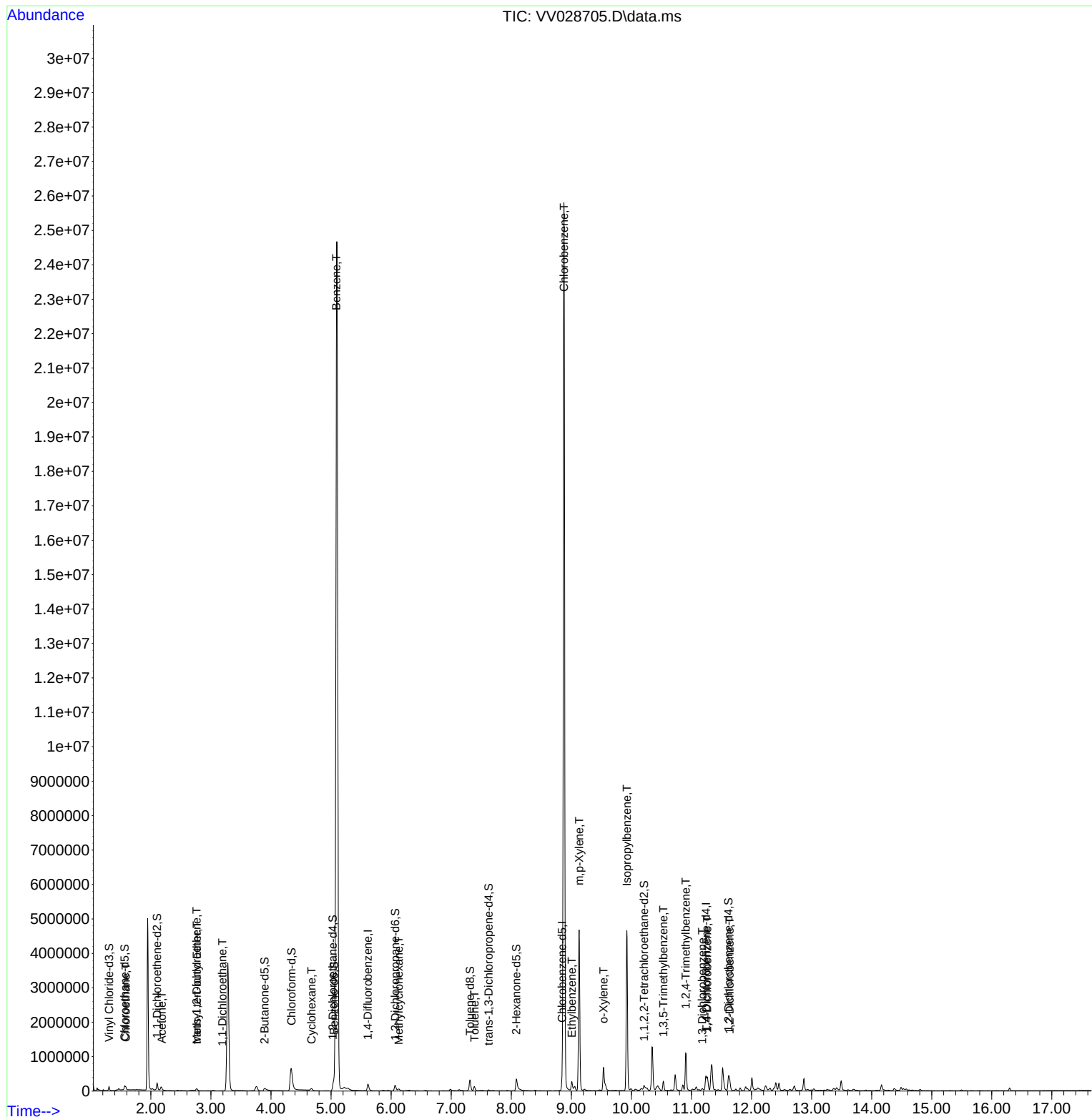
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102622\
Data File : VV028705.D
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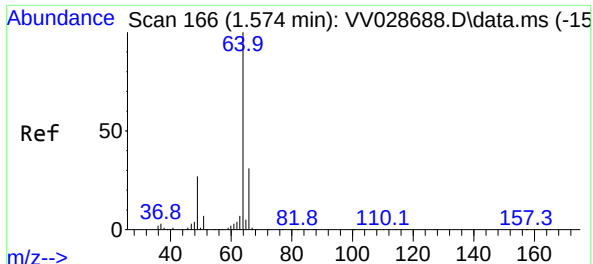
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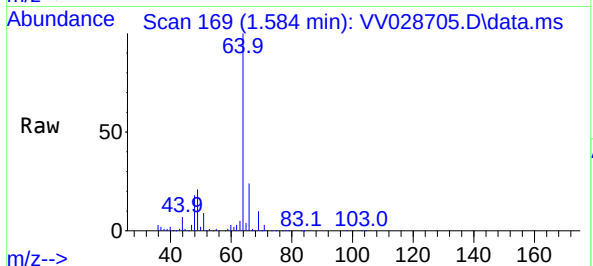
Quant Time: Oct 27 06:26:52 2022
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#8
Chloroethane
Concen: 6.000 ug/L
RT: 1.584 min Scan# 10
Delta R.T. -0.013 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

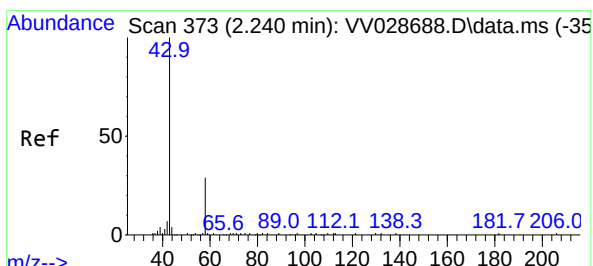
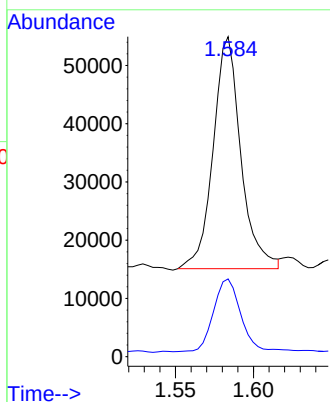
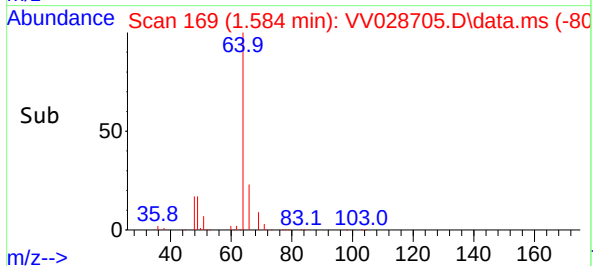
Instrument :
MSVOA_V
ClientSampleId :
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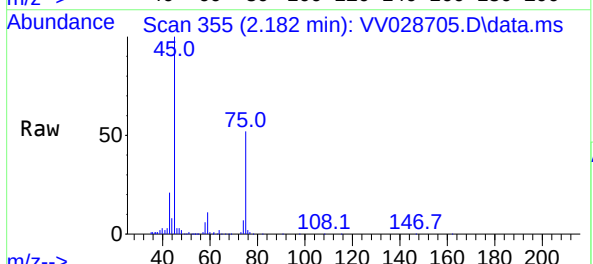
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Ion Ratio Lower Upper
64 100
66 24.3 23.9 44.5

Manual Integrations
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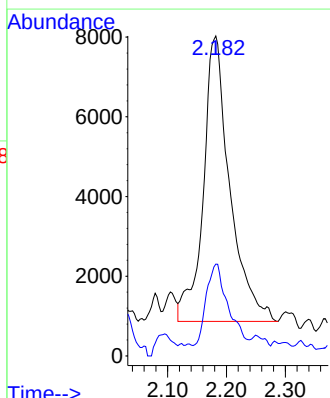
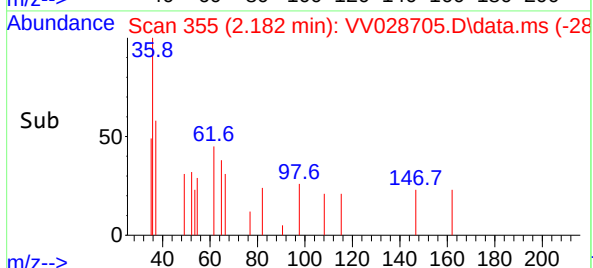
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

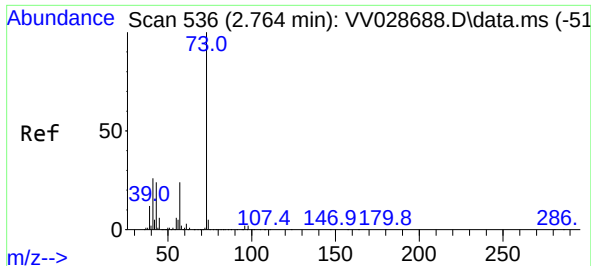


#13
Acetone
Concen: 15.464 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.068 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40



Tgt Ion: 43 Resp: 22454
Ion Ratio Lower Upper
43 100
58 23.2 0.0 50.2





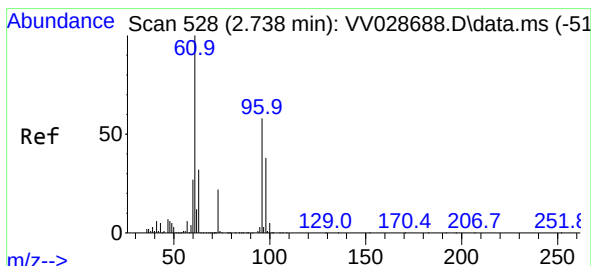
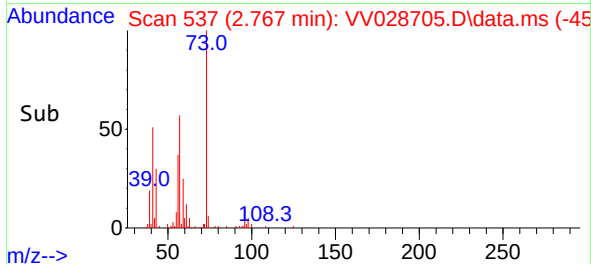
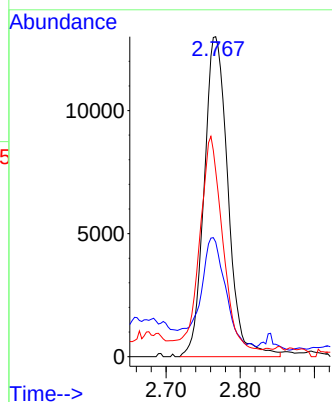
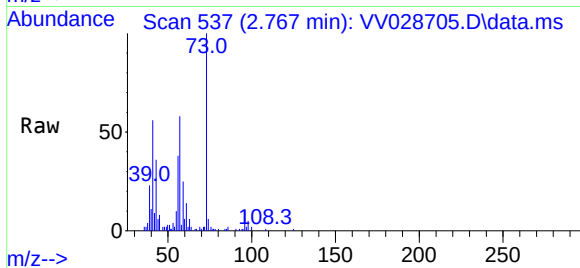
#17
Methyl tert-butyl Ether
Concen: 1.303 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.023 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

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ClientSampleId :
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Tgt Ion: 73 Resp: 2897
Ion Ratio Lower Upper
73 100
43 33.0 18.0 27.0
57 62.7 20.0 30.0

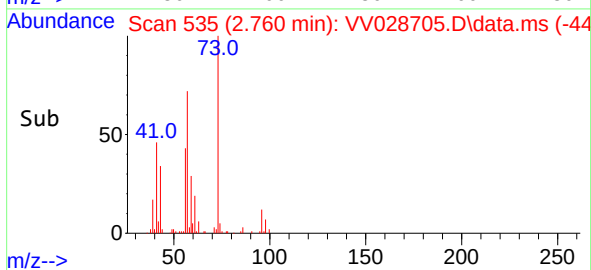
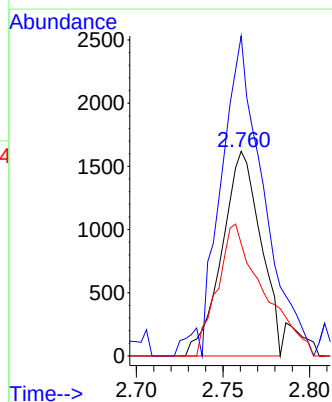
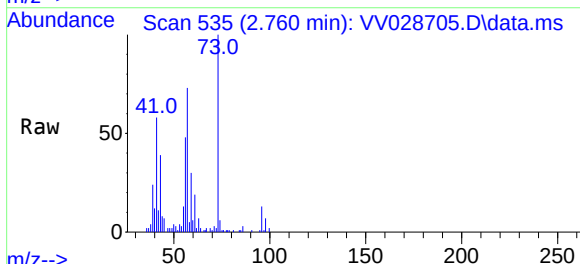
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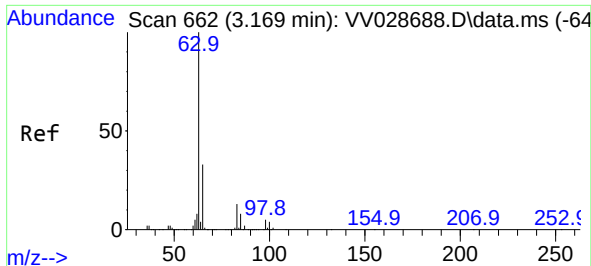
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#18
trans-1,2-Dichloroethene
Concen: 0.294 ug/L
RT: 2.760 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

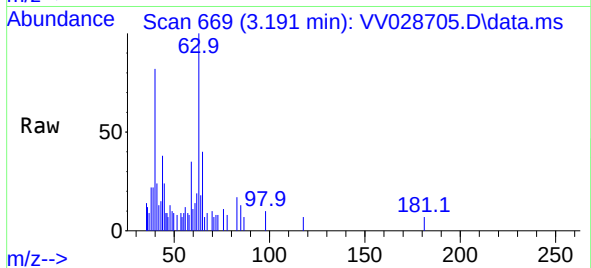
Tgt Ion: 96 Resp: 2506
Ion Ratio Lower Upper
96 100
61 156.4 114.3 212.3
98 54.9 45.0 83.6





#19
1,1-Dichloroethane
Concen: 0.178 ug/L
RT: 3.191 min Scan# 609
Delta R.T. -0.000 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

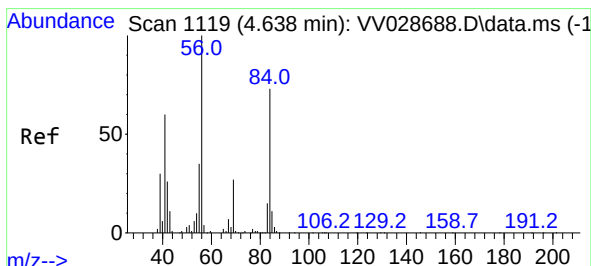
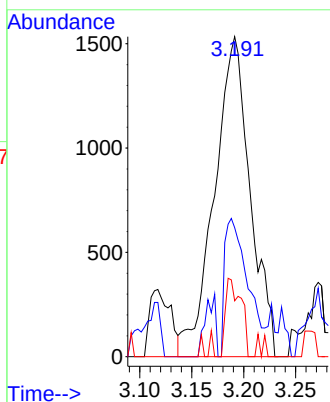
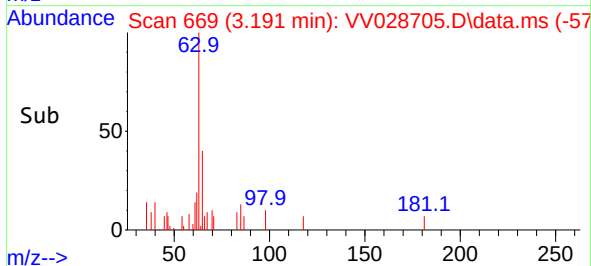
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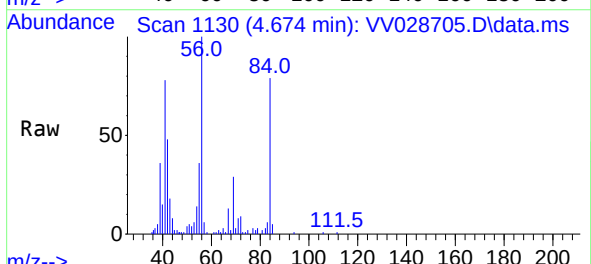
Tgt Ion: 63 Resp: 3669
Ion Ratio Lower Upper
63 100
65 40.3 23.1 42.9
83 17.5 7.9 14.7

Manual Integrations
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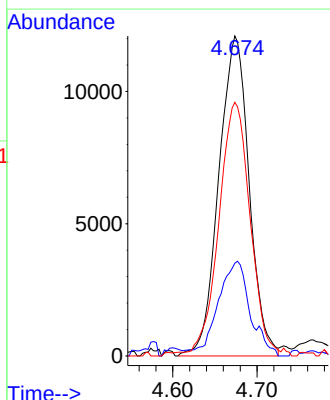
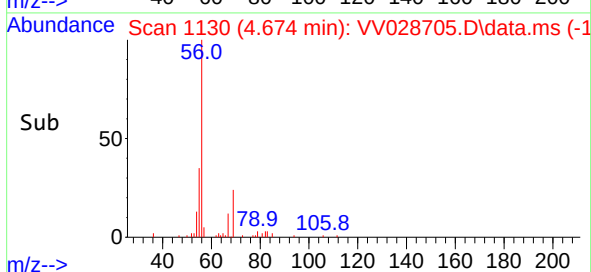
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Supervised By :Mahesh Dadoda 10/28/2022

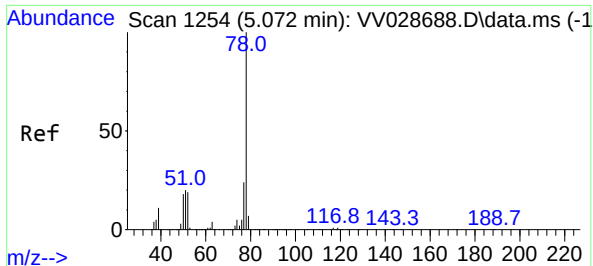


#30
Cyclohexane
Concen: 1.560 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.010 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40



Tgt Ion: 56 Resp: 30220
Ion Ratio Lower Upper
56 100
69 31.1 22.6 34.0
84 79.0 60.4 90.6





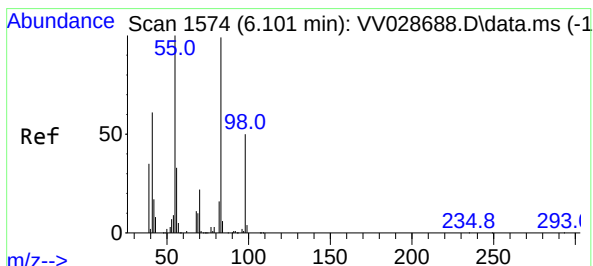
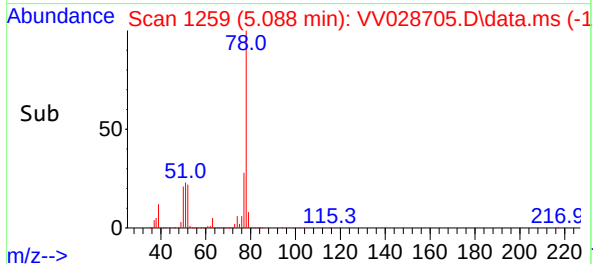
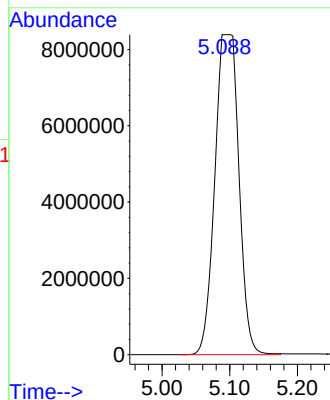
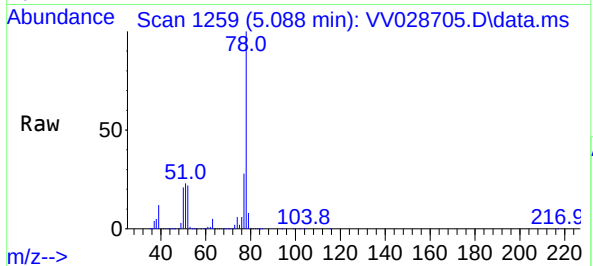
#33
Benzene
Concen: 445.736 ug/L m
RT: 5.088 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

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Tgt Ion: 78 Resp:2070718

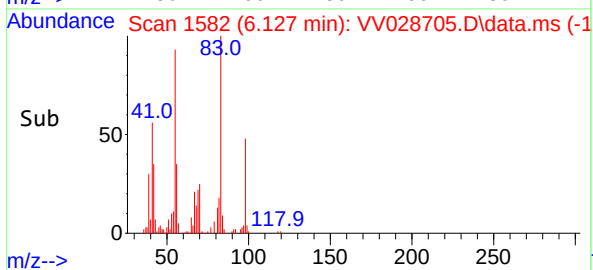
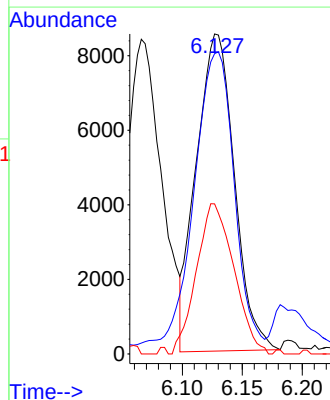
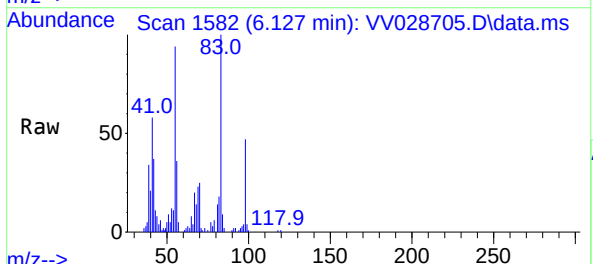
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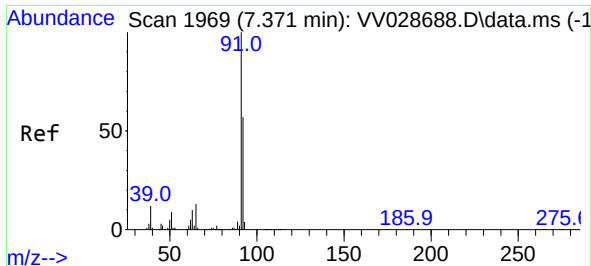
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#35
Methylcyclohexane
Concen: 1.184 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.010 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

Tgt Ion: 83 Resp: 18816
Ion Ratio Lower Upper
83 100
55 99.3 70.0 105.0
98 46.5 35.6 53.4





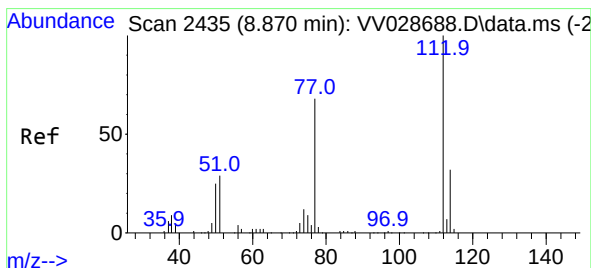
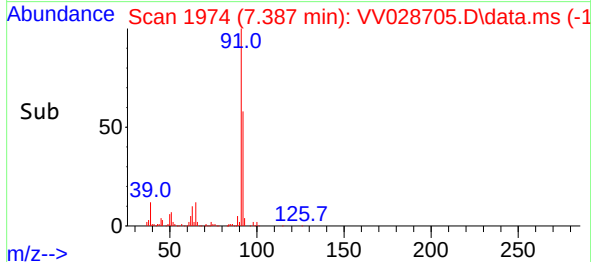
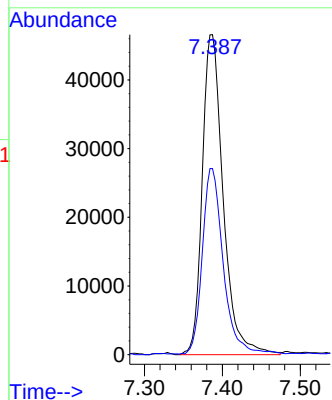
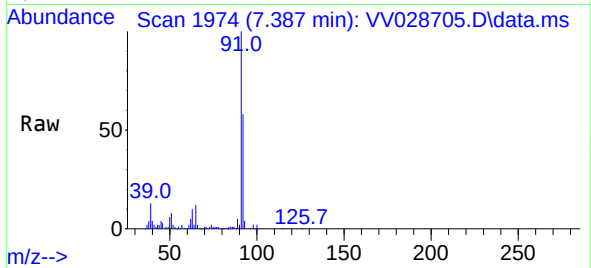
#42
Toluene
Concen: 1.971 ug/L
RT: 7.387 min Scan# 1969
Delta R.T. -0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

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Tgt Ion: 91 Resp: 86829
Ion Ratio Lower Upper
91 100
92 58.1 40.5 75.3

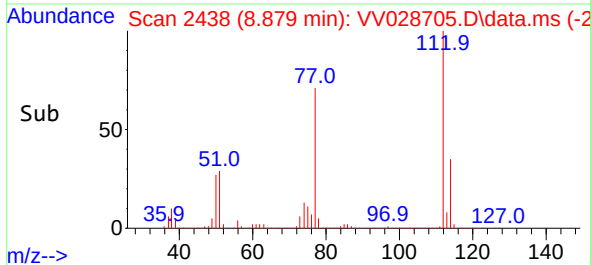
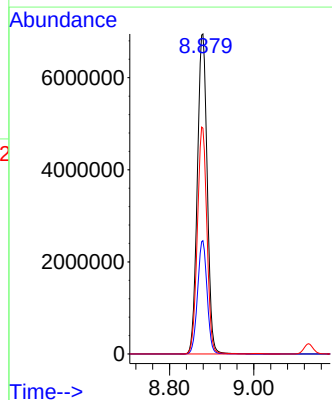
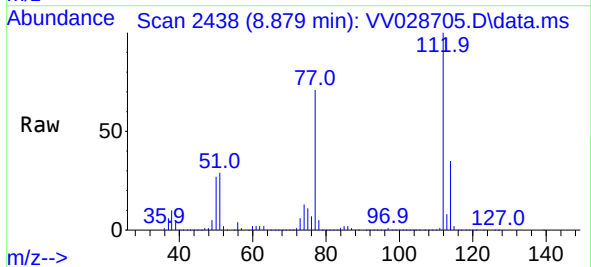
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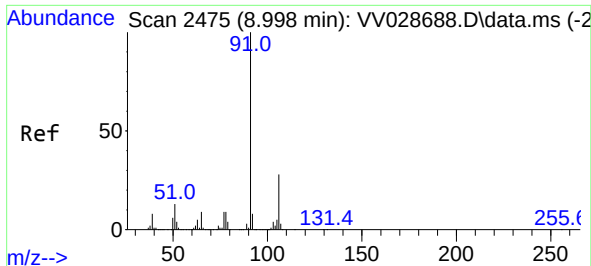
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#51
Chlorobenzene
Concen: 405.529 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VV028705.D
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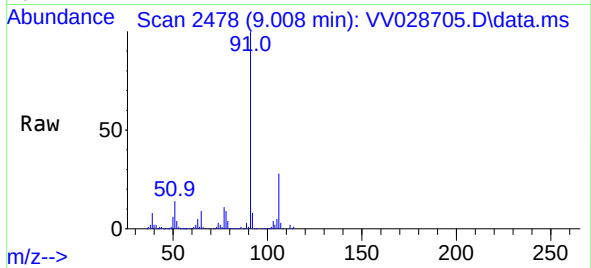
Tgt Ion:112 Resp:11248131
Ion Ratio Lower Upper
112 100
114 35.4 22.0 41.0
77 70.6 50.0 75.0





#52
Ethylbenzene
Concen: 3.490 ug/L
RT: 9.008 min Scan# 2475
Delta R.T. -0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

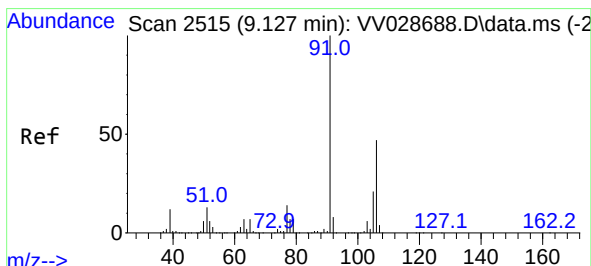
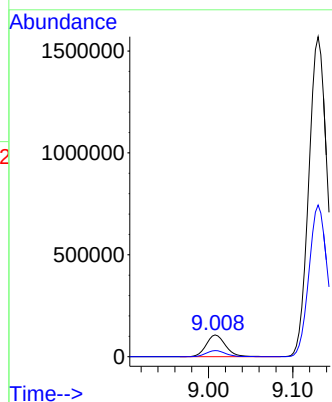
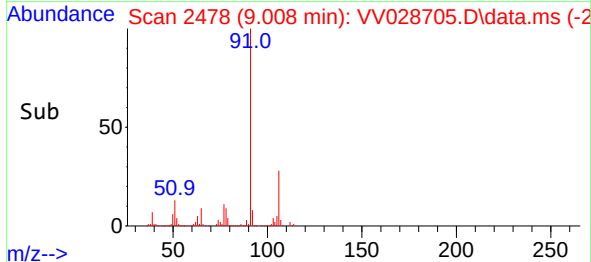
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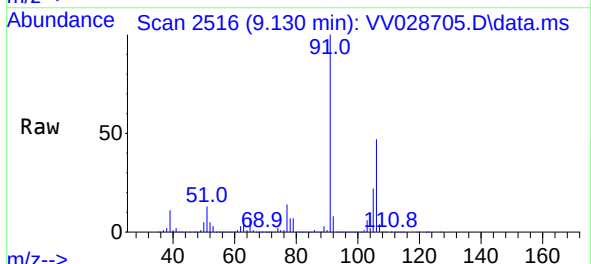
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Ion Ratio Lower Upper
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106 28.3 21.3 39.6

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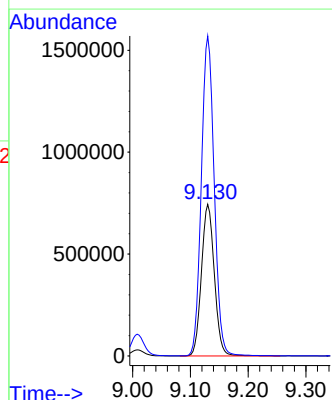
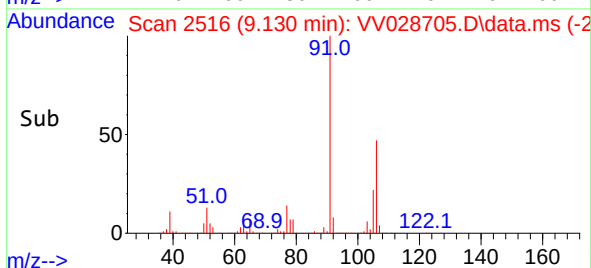
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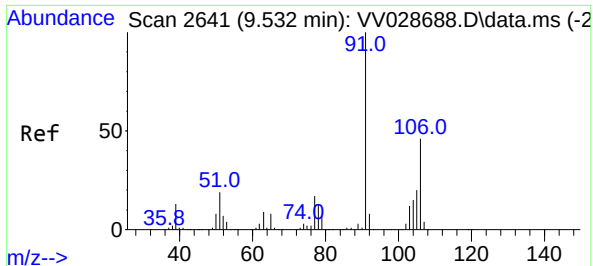


#53
m,p-Xylene
Concen: 65.166 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.007 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40



Tgt Ion:106 Resp: 1151879
Ion Ratio Lower Upper
106 100
91 210.9 145.5 270.1





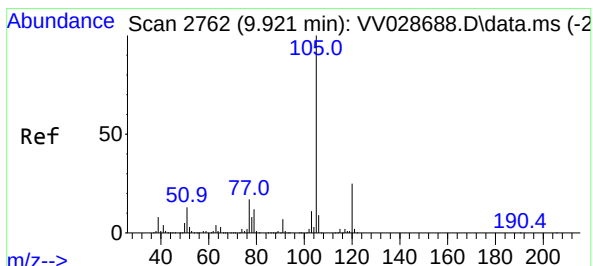
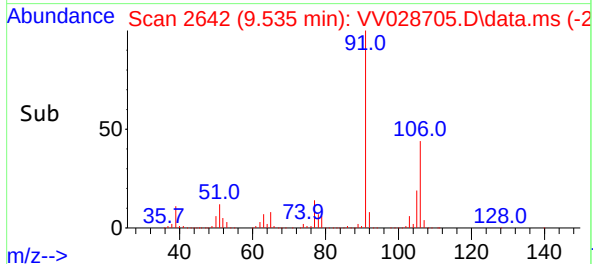
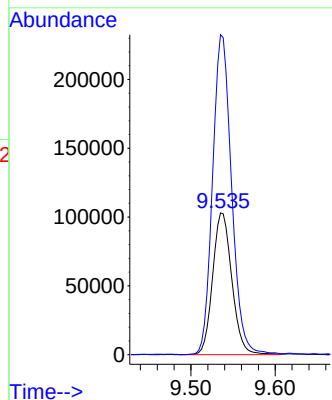
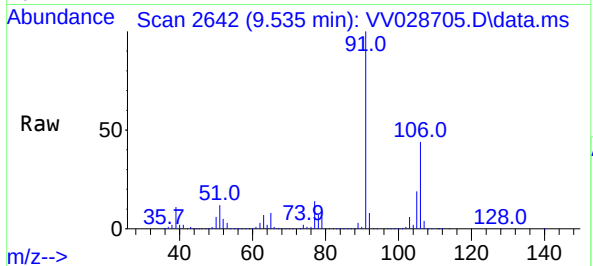
#54
o-Xylene
Concen: 9.178 ug/L
RT: 9.535 min Scan# 20
Delta R.T. -0.007 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :
BHA49

Tgt Ion:106 Resp: 163190
Ion Ratio Lower Upper
106 100
91 225.7 159.0 295.4

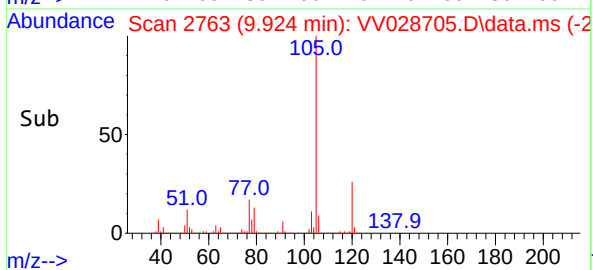
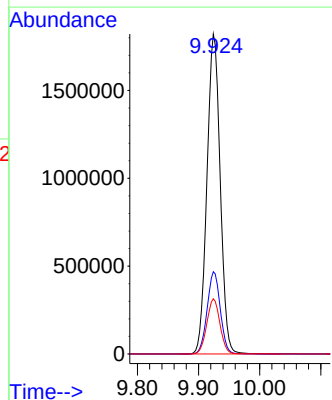
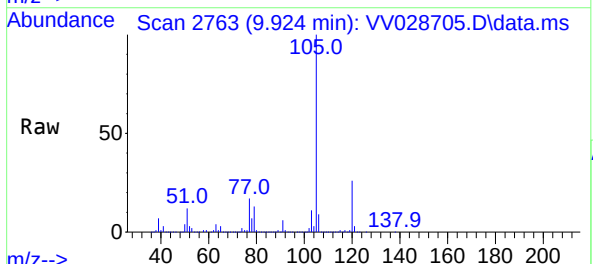
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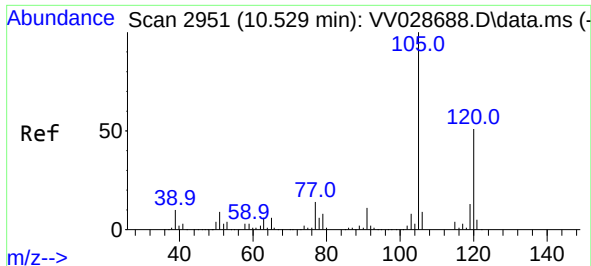
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#60
Isopropylbenzene
Concen: 56.566 ug/L
RT: 9.924 min Scan# 2763
Delta R.T. -0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

Tgt Ion:105 Resp: 2737362
Ion Ratio Lower Upper
105 100
120 25.5 20.1 30.1
77 17.2 13.4 20.0





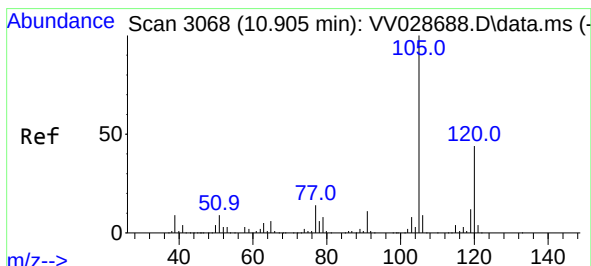
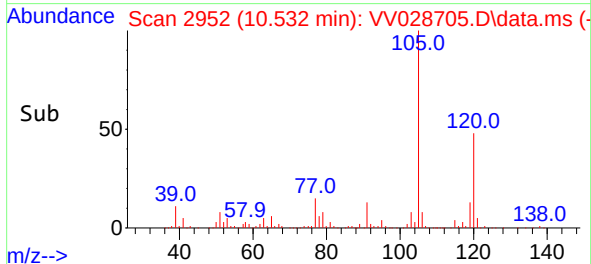
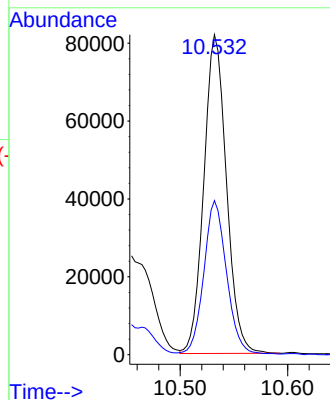
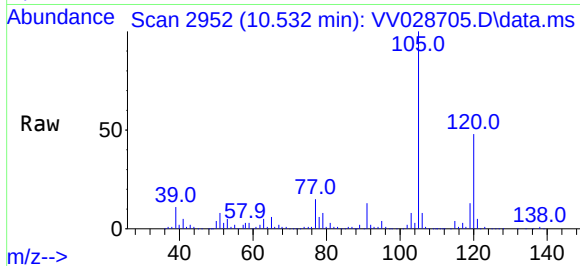
#62
1,3,5-Trimethylbenzene
Concen: 8.491 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :
BHA49

Tgt Ion:105 Resp: 119872
Ion Ratio Lower Upper
105 100
120 48.3 38.3 57.5

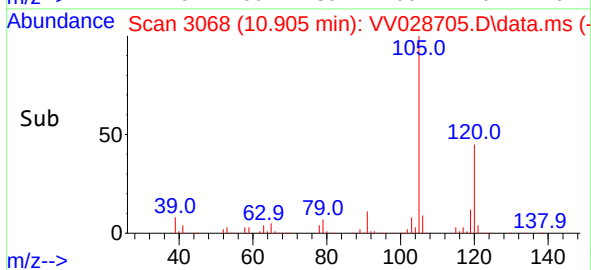
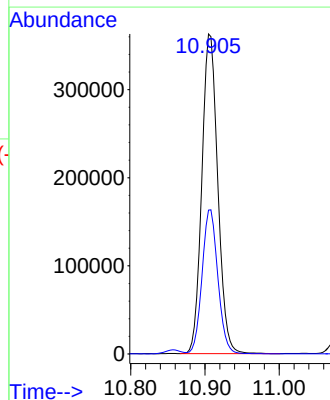
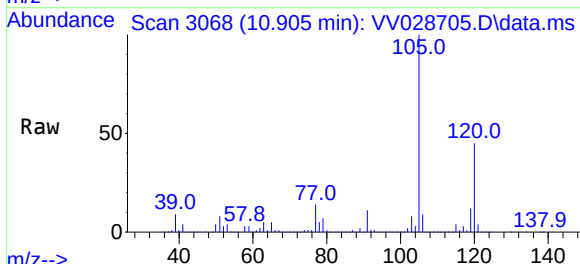
Manual Integrations
APPROVED

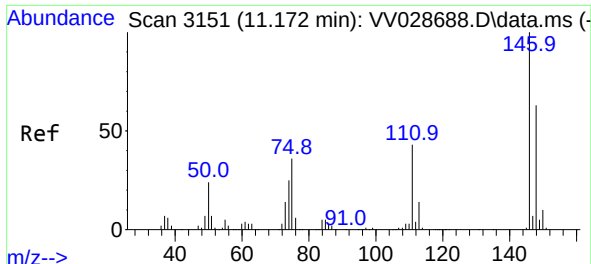
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022



#63
1,2,4-Trimethylbenzene
Concen: 13.833 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

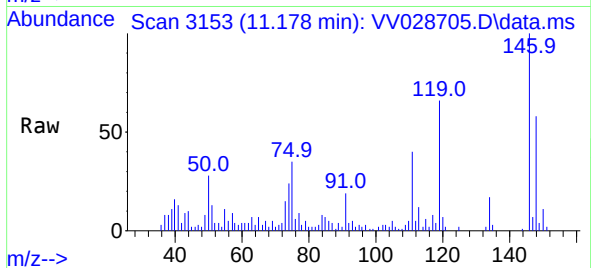
Tgt Ion:105 Resp: 540782
Ion Ratio Lower Upper
105 100
120 44.7 36.2 54.2





#64
1,3-Dichlorobenzene
Concen: 0.679 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

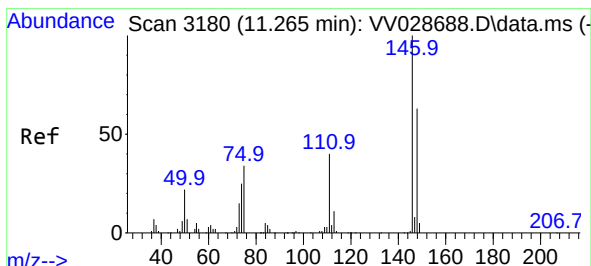
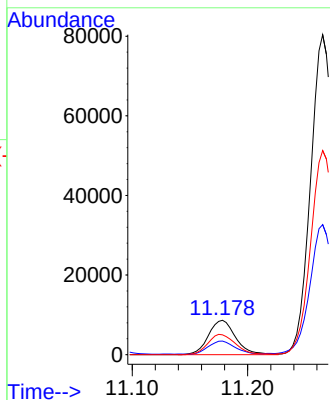
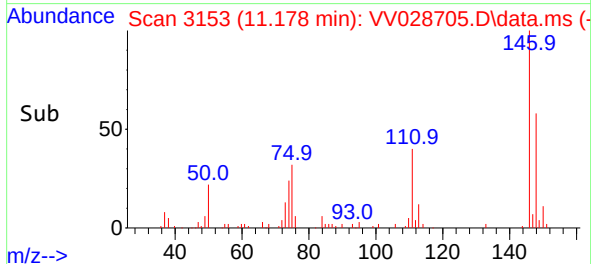
Instrument :
MSVOA_V
ClientSampleId :
BHA49



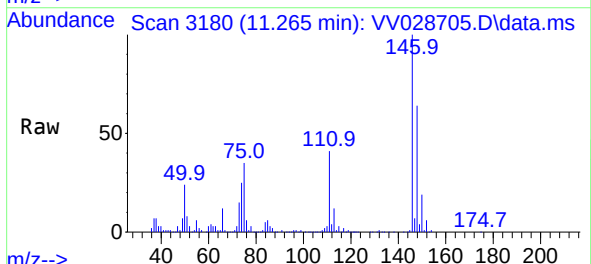
Tgt Ion:146 Resp: 1415
Ion Ratio Lower Upper
146 100
111 39.7 29.0 53.9
148 57.9 44.5 82.7

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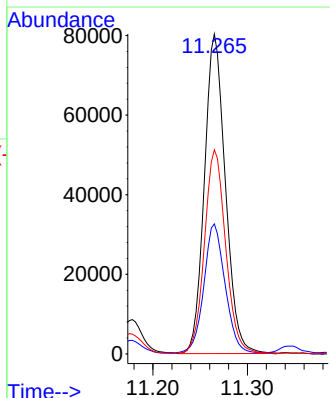
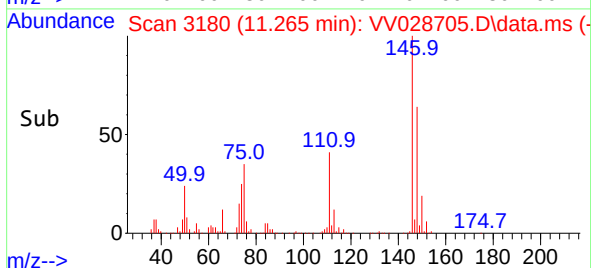
Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

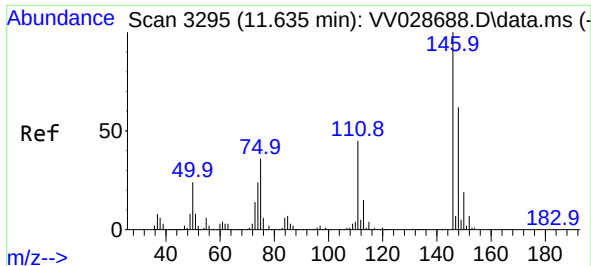


#65
1,4-Dichlorobenzene
Concen: 5.953 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40



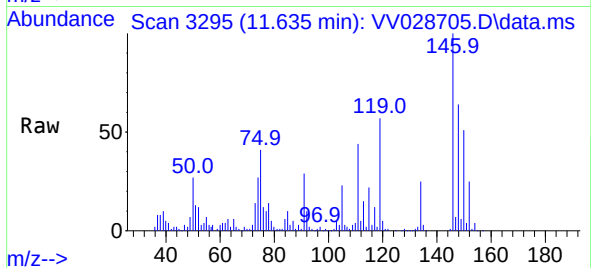
Tgt Ion:146 Resp: 123803
Ion Ratio Lower Upper
146 100
111 40.7 28.6 53.2
148 63.8 44.3 82.3





#67
1,2-Dichlorobenzene
Concen: 3.584 ug/L
RT: 11.635 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028705.D
Acq: 26 Oct 2022 19:40

Instrument :
MSVOA_V
ClientSampleId :
BHA49



Tgt Ion:146 Resp: 6830
Ion Ratio Lower Upper
146 100
111 43.5 36.2 54.4
148 64.2 50.6 75.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 10/27/2022
Supervised By :Mahesh Dadoda 10/28/2022

