

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028960.D
 Acq On : 15 Nov 2022 00:32
 Operator : SY/MD
 Sample : N5604-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022

Quant Time: Nov 15 05:36:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 15 01:23:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	197807	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.870	117	246405	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.249	152	124003	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	48153	3.993	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.800%	
7) Chloroethane-d5	1.561	69	53695	5.065	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.200%	
11) 1,1-Dichloroethene-d2	2.143	63	77531	3.528	ug/L	0.03
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.600%	
20) 2-Butanone-d5	4.056	46	77440	38.362	ug/L	0.16
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.720%	
24) Chloroform-d	4.397	84	122756	4.958	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.200%	
26) 1,2-Dichloroethane-d4	5.076	65	54574	4.899	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
32) Benzene-d6	5.076	84	218132	2.966	ug/L	0.03
Spiked Amount	5.000	Range 70 - 125	Recovery	=	59.400%#	
36) 1,2-Dichloropropane-d6	6.072	67	62113	3.024	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	60.400%	
41) Toluene-d8	7.355	98	283449	4.281	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.661	79	17472	2.608	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	52.200%#	
46) 2-Hexanone-d5	8.140	63	103707	36.272	ug/L	0.05
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.540%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	62628	4.398	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	103930	4.685	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	57703	3.696	ug/L	94
14) Carbon disulfide	2.333	76	13495	0.317	ug/L	100
17) Methyl tert-butyl Ether	2.831	73	399931	15.578	ug/L	96
18) trans-1,2-Dichloroethene	2.802	96	23180	1.669	ug/L	91
19) 1,1-Dichloroethane	3.243	63	17049	0.751	ug/L #	92
22) cis-1,2-Dichloroethene	3.957	96	358195	25.369	ug/L #	88
33) Benzene	5.124	78	23696m	0.315	ug/L	
34) Trichloroethene	5.899	95	5813	0.302	ug/L	94
52) Ethylbenzene	9.030	91	3687	0.044	ug/L #	80
53) m,p-Xylene	9.159	106	1517	0.045	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	7774	0.114	ug/L	98
63) 1,2,4-Trimethylbenzene	10.918	105	17165	0.251	ug/L	99

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

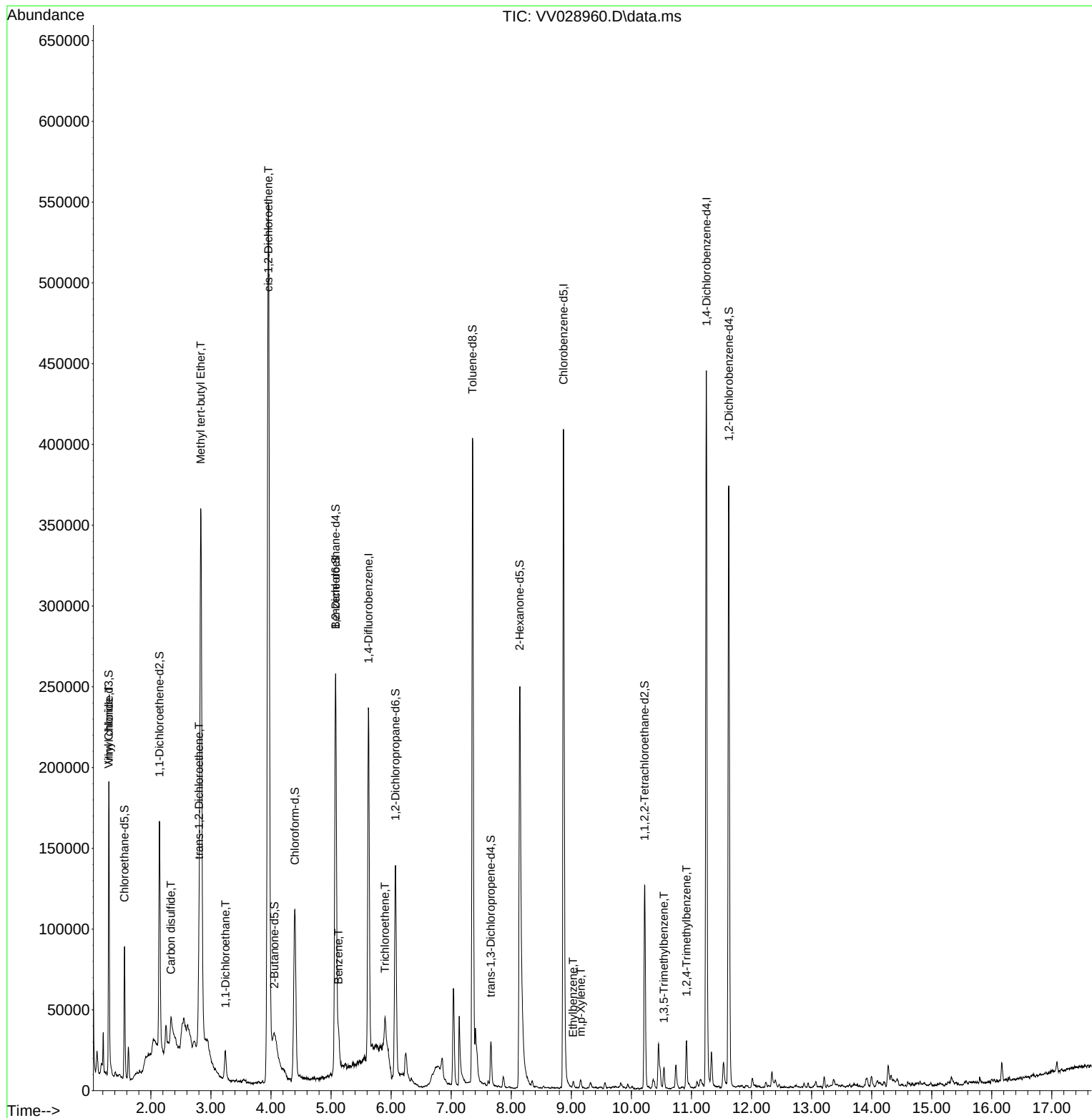
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Data File : VV028960.D
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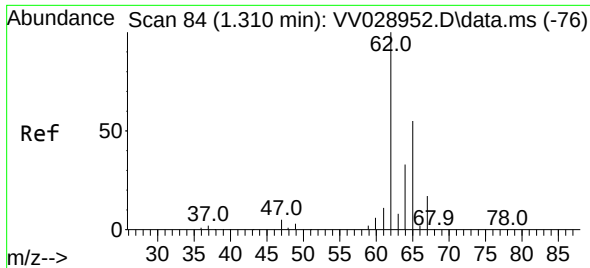
Instrument :
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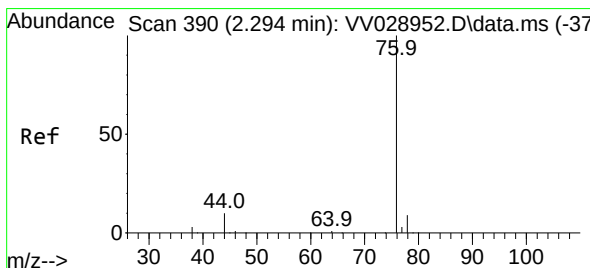
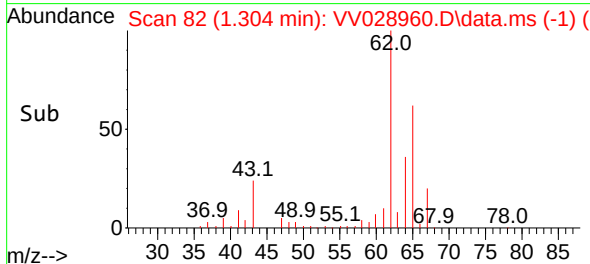
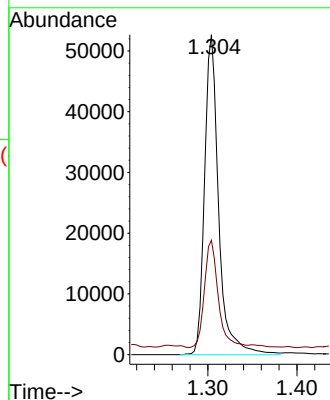
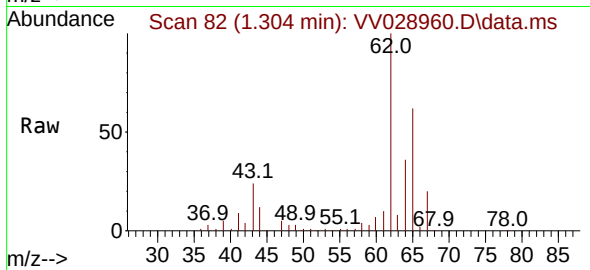
#5
 Vinyl chloride
 Concen: 3.696 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV028960.D
 Acq: 15 Nov 2022 00:32

Instrument :
 MSVOA_V
 ClientSampleId :
 H46C8

Tgt Ion: 62 Resp: 5770
 Ion Ratio Lower Upper
 62 100
 64 35.7 22.8 42.4

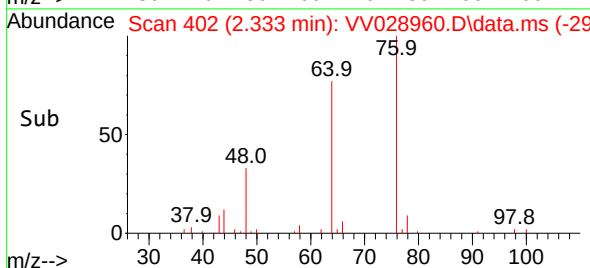
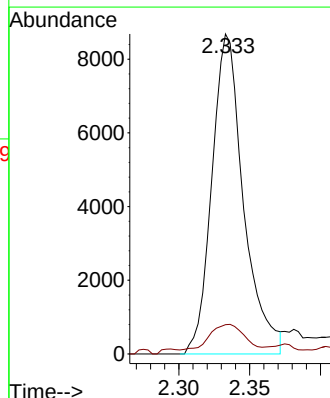
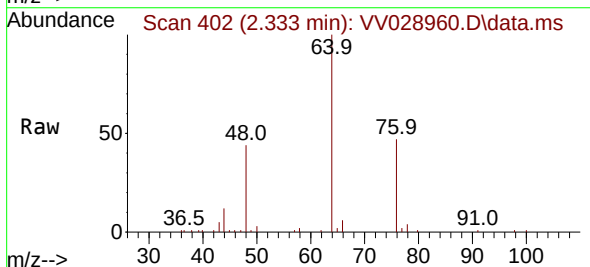
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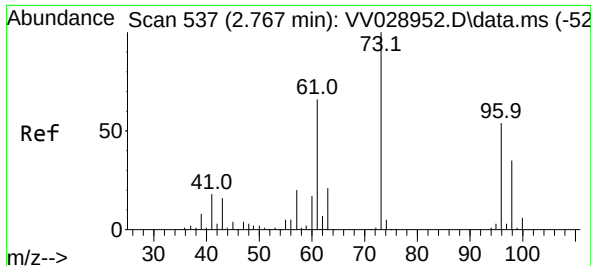
Reviewed By :Krupa Patel 11/15/2022
 Supervised By :Mahesh Dadoda 11/15/2022



#14
 Carbon disulfide
 Concen: 0.317 ug/L
 RT: 2.333 min Scan# 402
 Delta R.T. 0.039 min
 Lab File: VV028960.D
 Acq: 15 Nov 2022 00:32

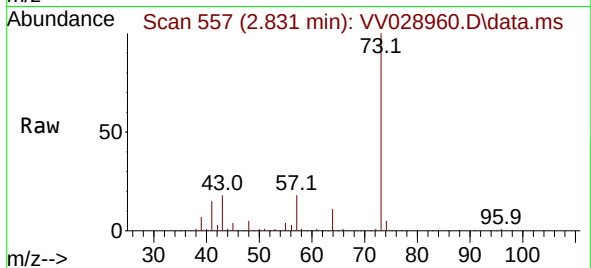
Tgt Ion: 76 Resp: 13495
 Ion Ratio Lower Upper
 76 100
 78 9.1 7.4 11.2





#17
Methyl tert-butyl Ether
Concen: 15.578 ug/L
RT: 2.831 min Scan# 51
Delta R.T. 0.064 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

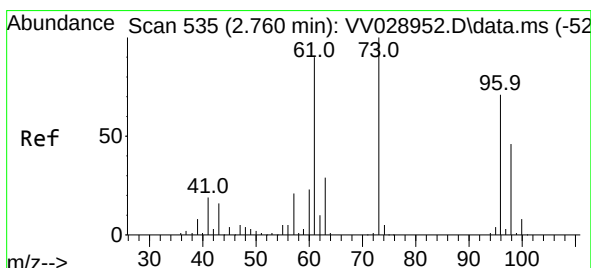
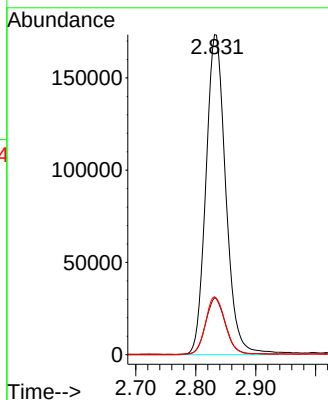
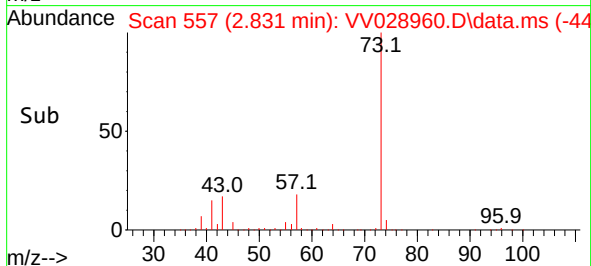
Instrument :
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ClientSampleId :
H46C8



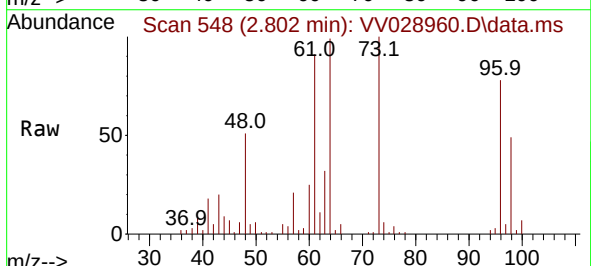
Tgt Ion: 73 Resp: 39993
Ion Ratio Lower Upper
73 100
43 17.4 13.0 19.4
57 18.2 16.6 24.8

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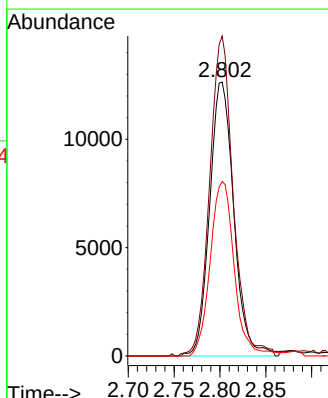
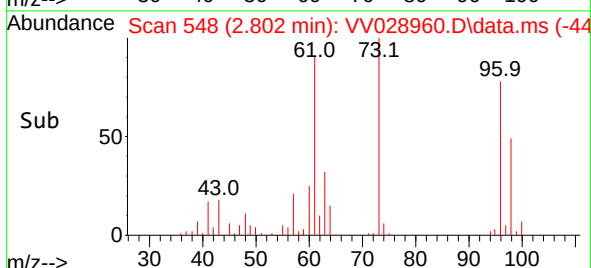
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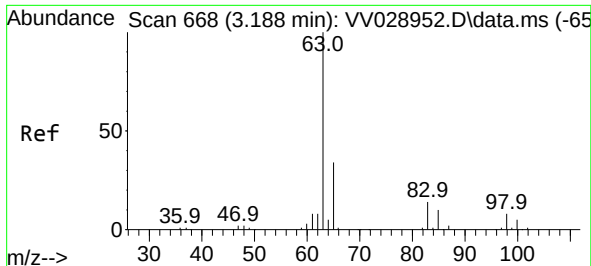


#18
trans-1,2-Dichloroethene
Concen: 1.669 ug/L
RT: 2.802 min Scan# 548
Delta R.T. 0.042 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32



Tgt Ion: 96 Resp: 23180
Ion Ratio Lower Upper
96 100
61 116.8 91.8 170.6
98 63.7 46.4 86.2





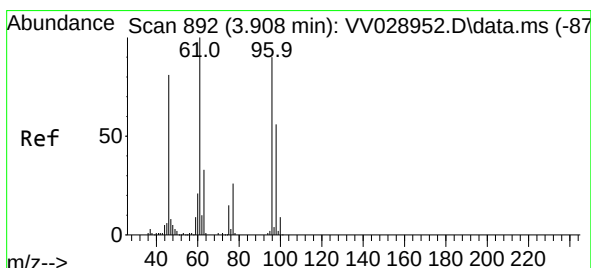
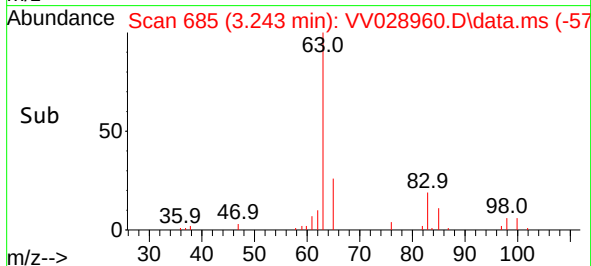
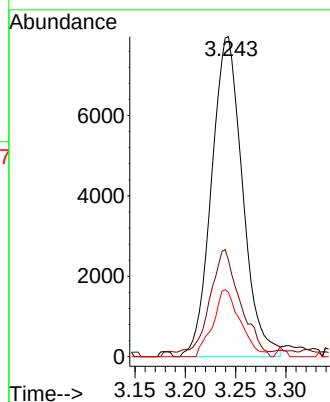
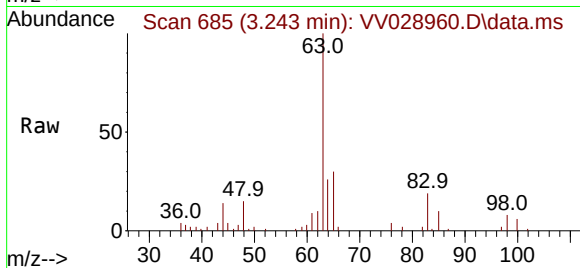
#19
1,1-Dichloroethane
Concen: 0.751 ug/L
RT: 3.243 min Scan# 61
Delta R.T. 0.055 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
H46C8

Tgt Ion: 63 Resp: 17049
Ion Ratio Lower Upper
63 100
65 30.3 23.0 42.6
83 20.1 9.4 17.6

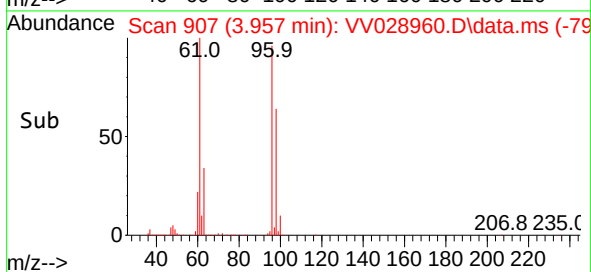
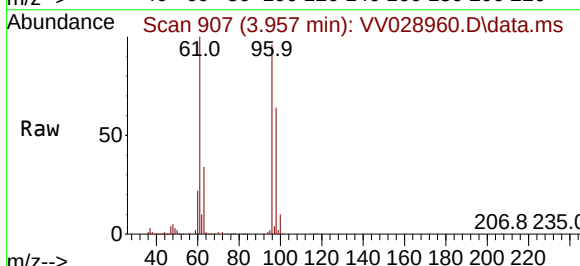
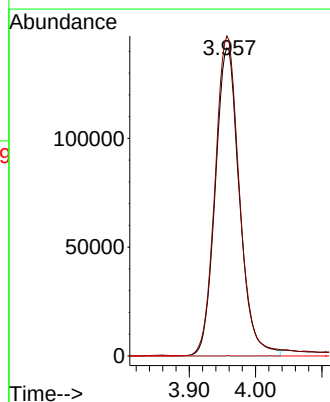
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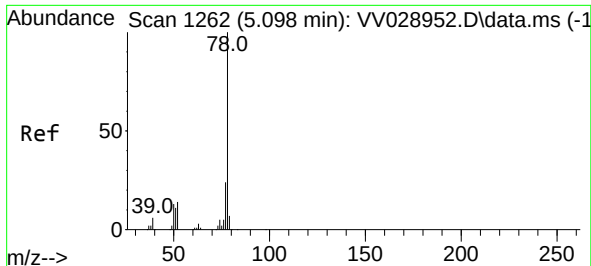
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#22
cis-1,2-Dichloroethene
Concen: 25.369 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.048 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Tgt Ion: 96 Resp: 358195
Ion Ratio Lower Upper
96 100
61 103.9 82.3 152.9
68 0.1 0.0 0.0





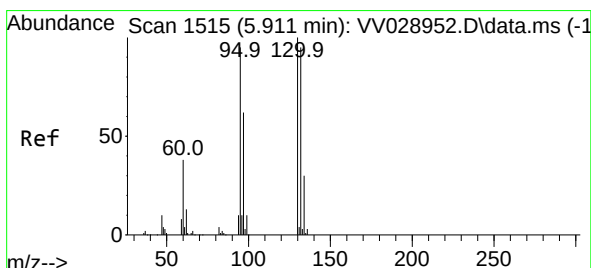
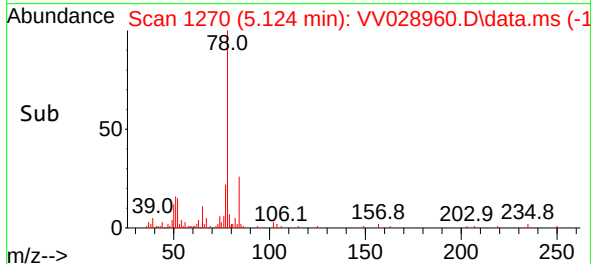
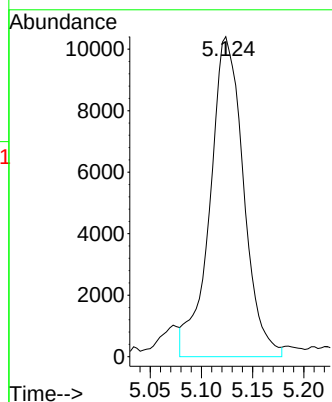
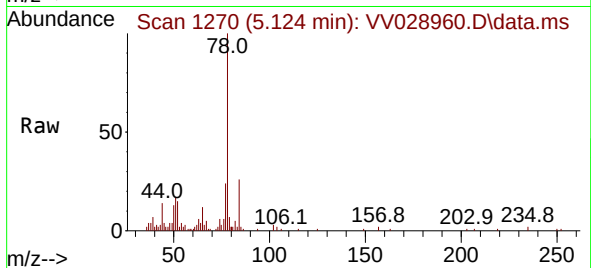
#33
Benzene
Concen: 0.315 ug/L m
RT: 5.124 min Scan# 11
Delta R.T. 0.026 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Instrument :
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Tgt Ion: 78 Resp: 23690

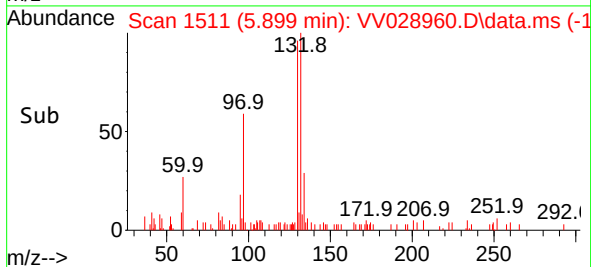
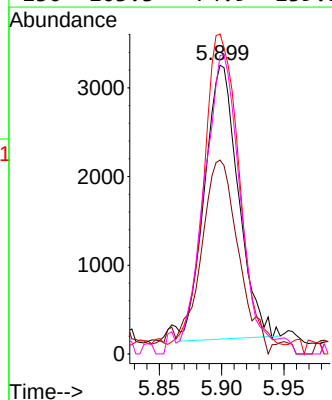
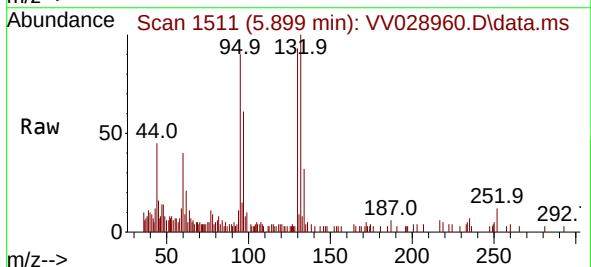
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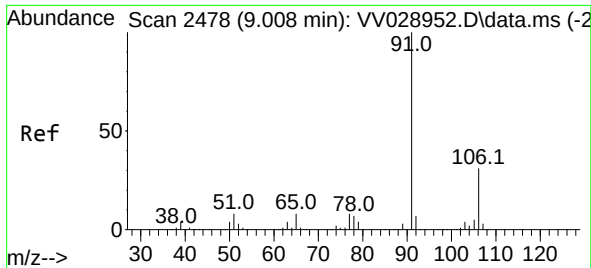
Reviewed By :Krupa Patel 11/15/2022
Supervised By :Mahesh Dadoda 11/15/2022



#34
Trichloroethene
Concen: 0.302 ug/L
RT: 5.899 min Scan# 1511
Delta R.T. -0.013 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Tgt Ion: 95 Resp: 5813
Ion Ratio Lower Upper
95 100
97 67.1 45.6 84.8
132 110.8 69.1 128.3
130 103.3 74.9 139.1





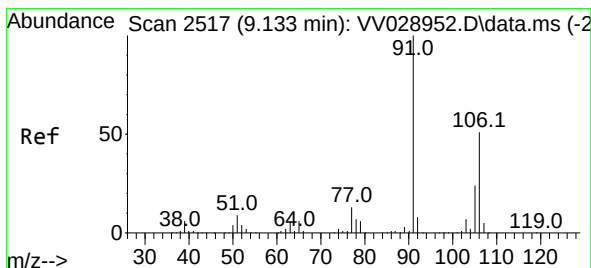
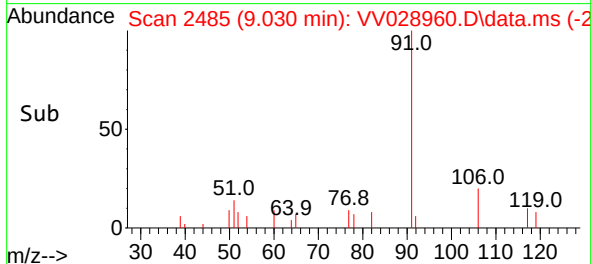
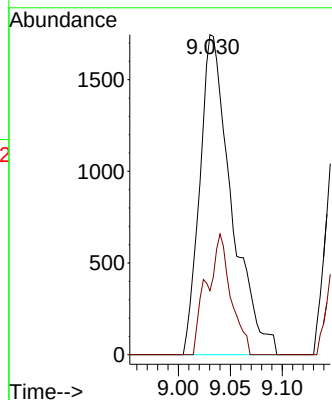
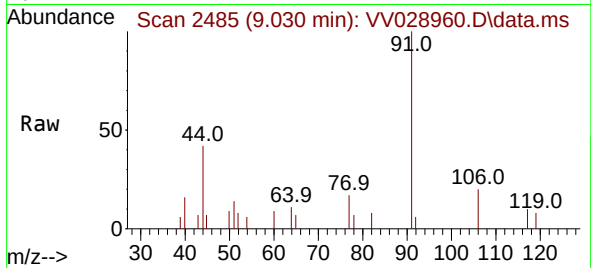
#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.030 min Scan# 2478
Delta R.T. 0.023 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Instrument :
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ClientSampleId :
H46C8

Tgt Ion: 91 Resp: 368
Ion Ratio Lower Upper
91 100
106 20.0 21.6 40.2

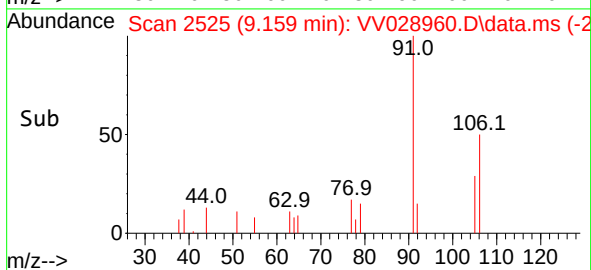
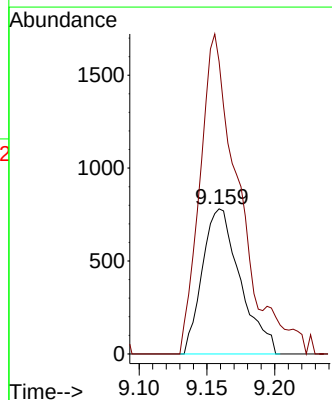
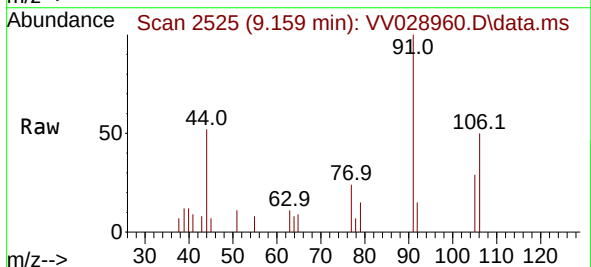
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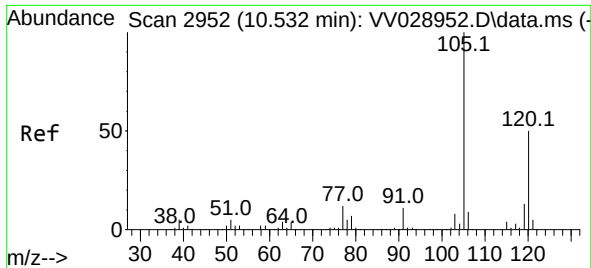
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Supervised By :Mahesh Dadoda 11/15/2022



#53
m,p-Xylene
Concen: 0.045 ug/L
RT: 9.159 min Scan# 2525
Delta R.T. 0.026 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Tgt Ion:106 Resp: 1517
Ion Ratio Lower Upper
106 100
91 201.5 139.1 258.3





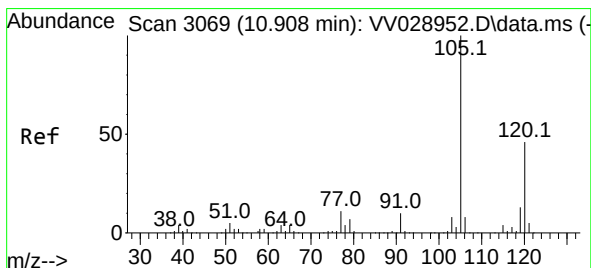
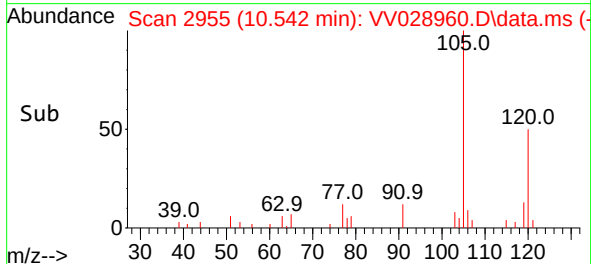
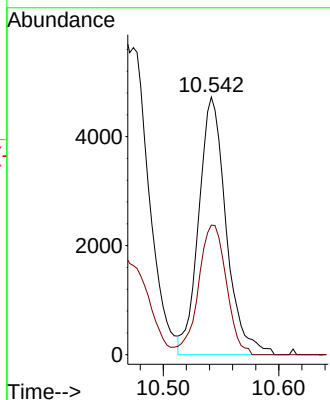
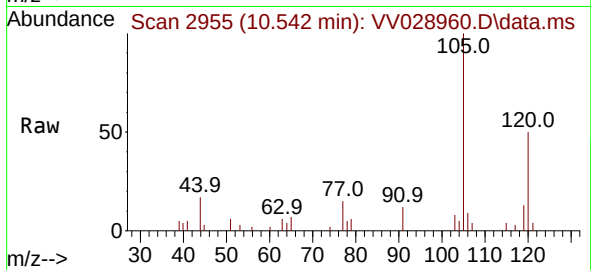
#62
1,3,5-Trimethylbenzene
Concen: 0.114 ug/L
RT: 10.542 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Instrument :
MSVOA_V
ClientSampleId :
H46C8

Tgt Ion:105 Resp: 7774
Ion Ratio Lower Upper
105 100
120 51.3 39.9 59.9

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#63
1,2,4-Trimethylbenzene
Concen: 0.251 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.010 min
Lab File: VV028960.D
Acq: 15 Nov 2022 00:32

Tgt Ion:105 Resp: 17165
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.8

