

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
 Data File : VW031151.D
 Acq On : 06 Dec 2024 15:24
 Operator : SY/MD
 Sample : P5066-16
 Misc : 4.91g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28N4

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/09/2024
 Supervised By :Semsettin Yesilyurt 12/09/2024

Quant Time: Dec 06 23:40:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 06 23:31:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	94944	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.629	117	22304	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	3148	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	86954	59.513	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 238.040%#			
7) Chloroethane-d5	2.899	69	58693	51.777	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 207.120%#			
11) 1,1-Dichloroethene-d2	4.015	65	20049	30.076	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 120.320%#			
21) 2-Butanone-d5	7.100	46	35479	138.846	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 277.700%#			
24) Chloroform-d	7.648	84	108667	39.078	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 156.320%#			
26) 1,2-Dichloroethane-d4	8.301	65	55209m	40.347	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 161.400%#			
32) Benzene-d6	8.276	84	155604	113.509	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 454.040%#			
36) 1,2-Dichloropropane-d6	9.270	67	71100	177.063	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 708.240%#			
41) Toluene-d8	10.318	98	51896	41.949	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 167.800%#			
43) trans-1,3-Dichloroprop...	10.581	79	4622	28.590	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 114.360%			
47) 2-Hexanone-d5	10.928	63	12718	270.333	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 540.660%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	49265	181.789	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 727.160%#			
66) 1,2-Dichlorobenzene-d4	13.848	152	3640	32.554	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 130.200%#			
Target Compounds						
						Qvalue
13) Acetone	4.173	43	16420	35.692	ug/L	63
14) Carbon disulfide	4.387	76	31639	7.155	ug/L	98
29) Cyclohexane	7.953	56	22500	40.077	ug/L	90
33) Benzene	8.325	78	69892	46.339	ug/L	100
34) Trichloroethene	9.087	95	10761	25.865	ug/L	90
35) Methylcyclohexane	9.331	83	19421	29.335	ug/L #	81
42) Toluene	10.386	91	46813	29.464	ug/L	89
52) Ethylbenzene	11.727	91	5949	3.304	ug/L	87
53) m,p-Xylene	11.830	106	2794	4.170	ug/L	98
54) o-Xylene	12.153	106	1492	2.393	ug/L	86

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

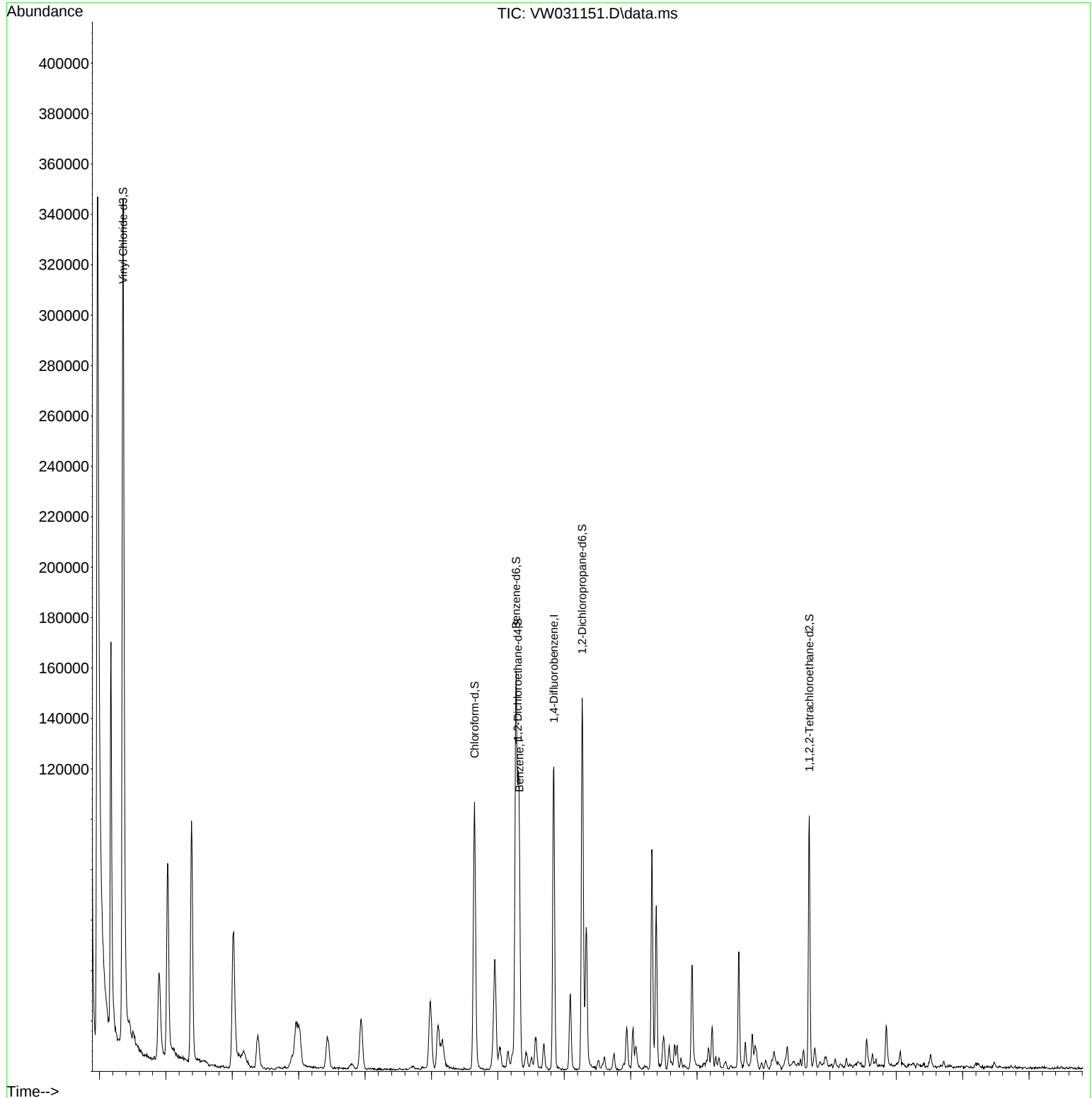
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120624\
Data File : VW031151.D
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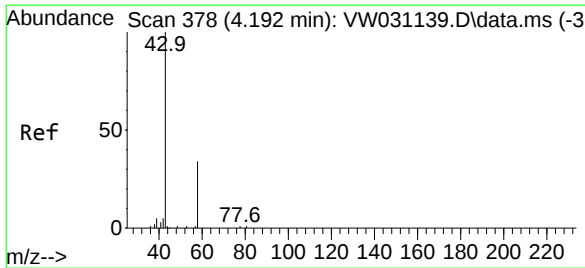
Instrument :
MSVOA_W
ClientSampleId :
E28N4

Quant Time: Dec 06 23:40:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120424SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 06 23:31:46 2024
Response via : Initial Calibration

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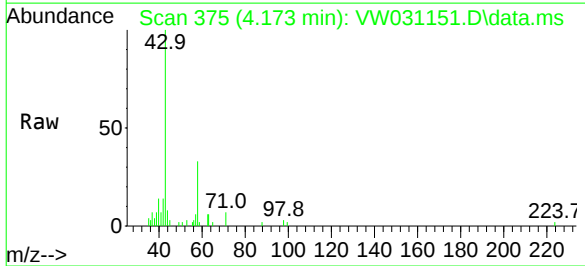
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024





#13
Acetone
Concen: 35.692 ug/L
RT: 4.173 min Scan# 37
Delta R.T. -0.018 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

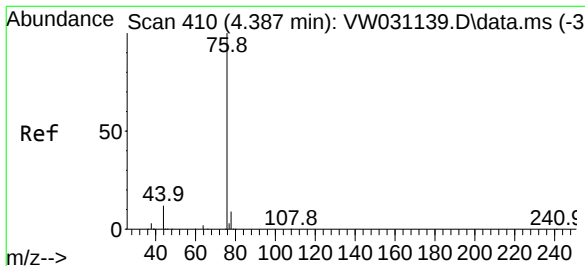
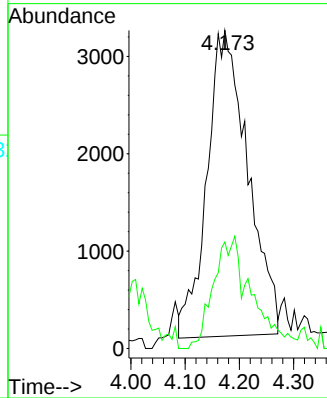
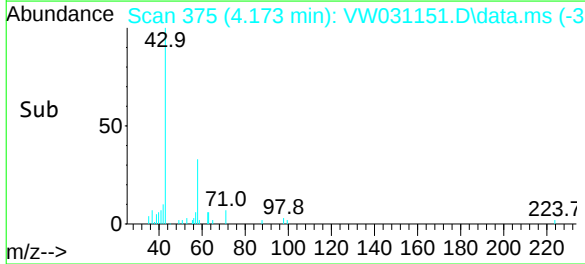
Instrument :
MSVOA_W
ClientSampleId :
E28N4



Tgt Ion: 43 Resp: 16420
Ion Ratio Lower Upper
43 100
58 12.5 0.0 67.2

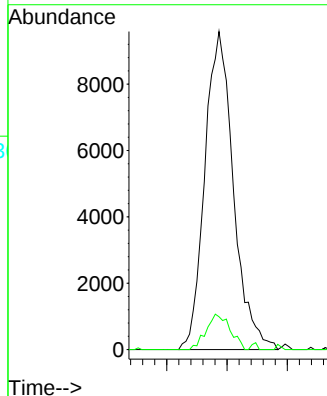
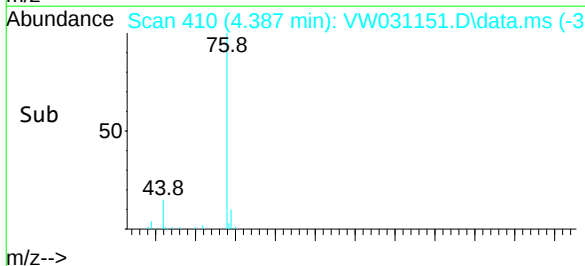
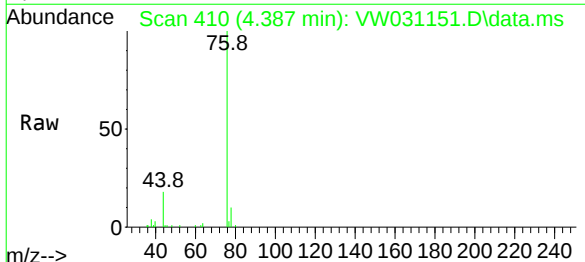
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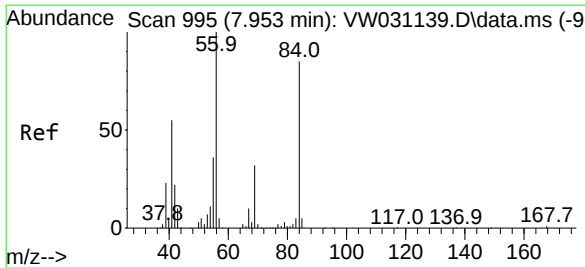
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#14
Carbon disulfide
Concen: 7.155 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

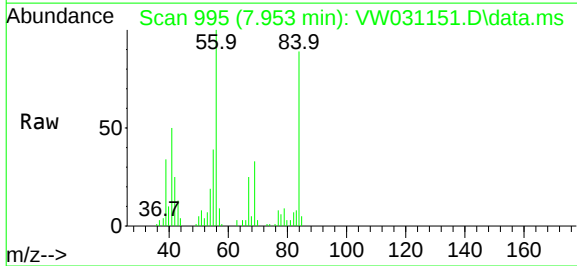
Tgt Ion: 76 Resp: 31639
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.2





#29
Cyclohexane
Concen: 40.077 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

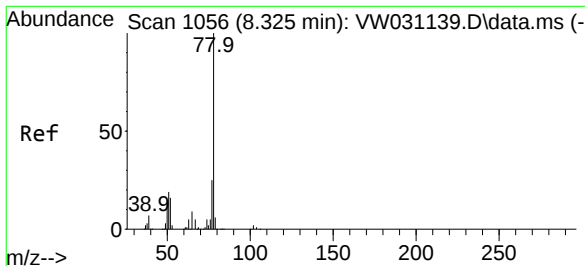
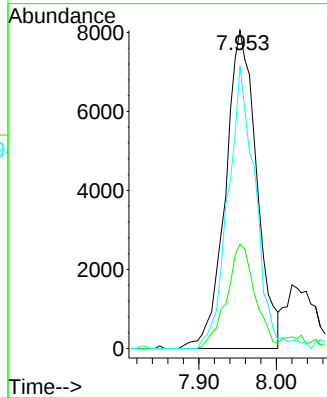
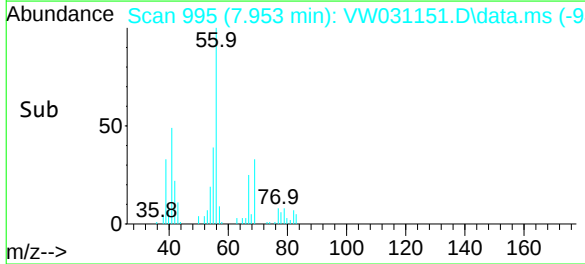
Instrument :
MSVOA_W
ClientSampleId :
E28N4



Tgt Ion: 56 Resp: 22500
Ion Ratio Lower Upper
56 100
69 30.1 25.4 38.2
84 77.1 71.1 106.7

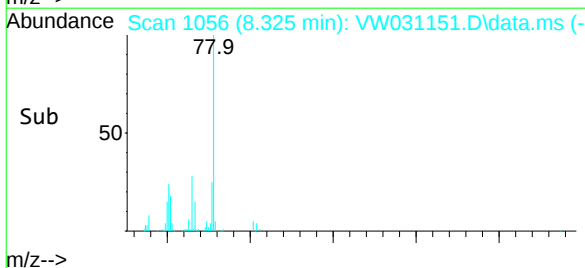
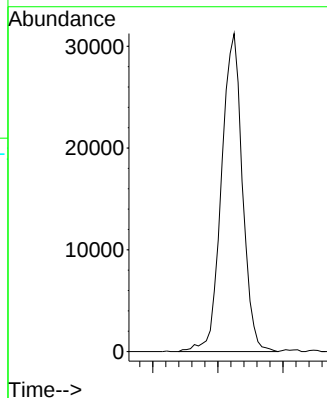
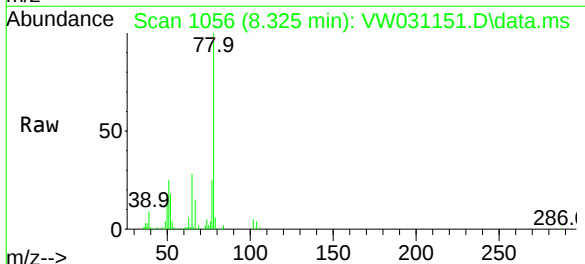
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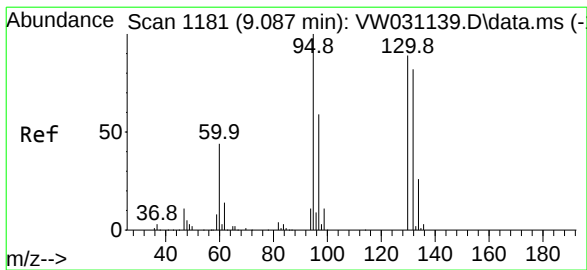
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#33
Benzene
Concen: 46.339 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

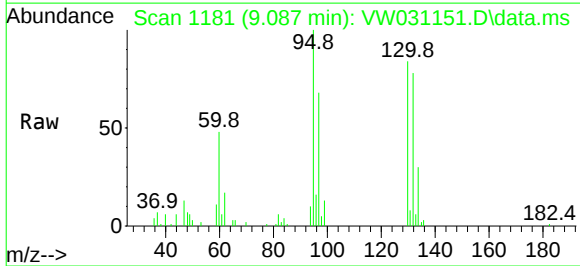
Tgt Ion: 78 Resp: 69892





#34
Trichloroethene
Concen: 25.865 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

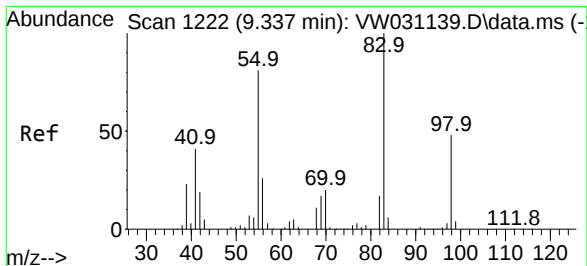
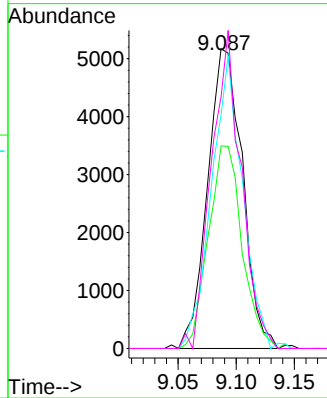
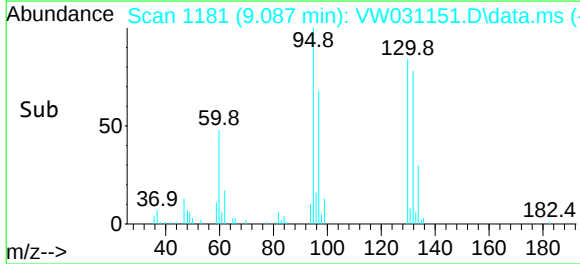
Instrument :
MSVOA_W
ClientSampleId :
E28N4



Tgt Ion: 95 Resp: 10761
Ion Ratio Lower Upper
95 100
97 67.6 48.0 89.2
132 78.0 67.4 125.2
130 91.6 69.5 129.1

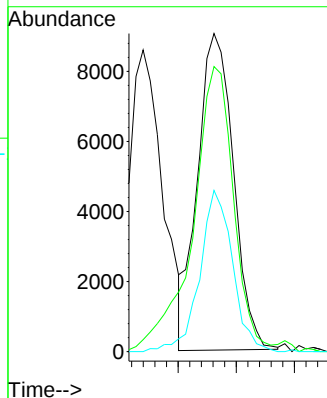
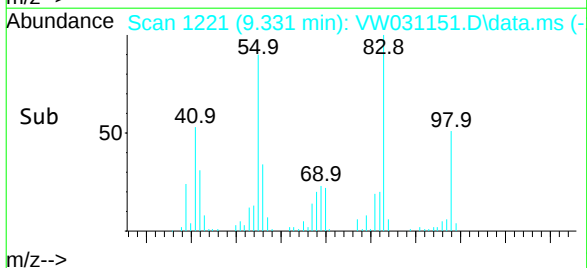
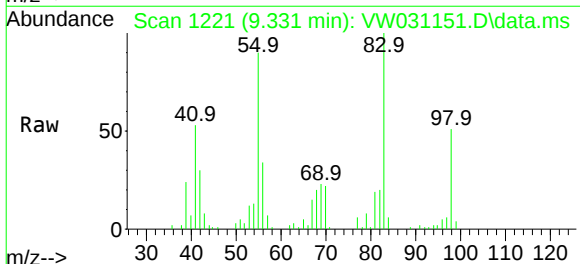
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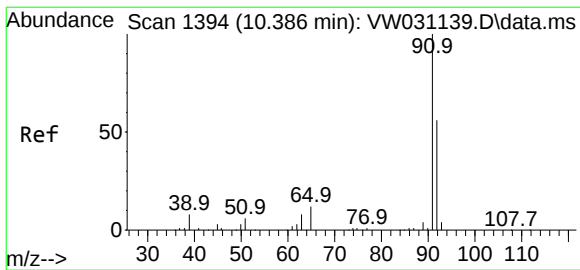
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#35
Methylcyclohexane
Concen: 29.335 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

Tgt Ion: 83 Resp: 19421
Ion Ratio Lower Upper
83 100
55 100.0 59.5 89.3#
98 46.4 38.7 58.1





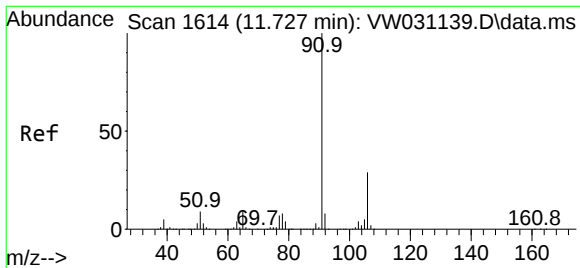
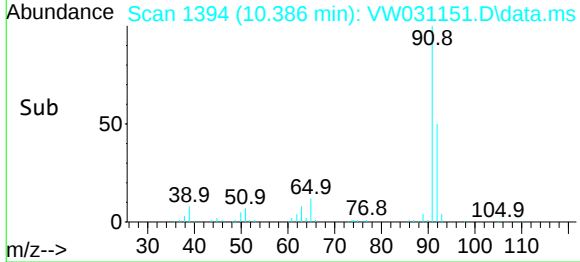
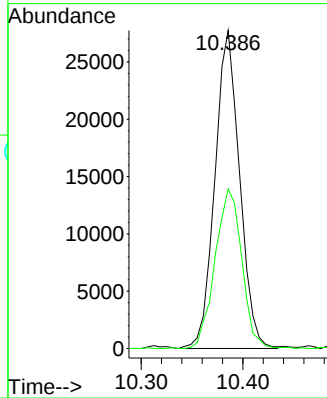
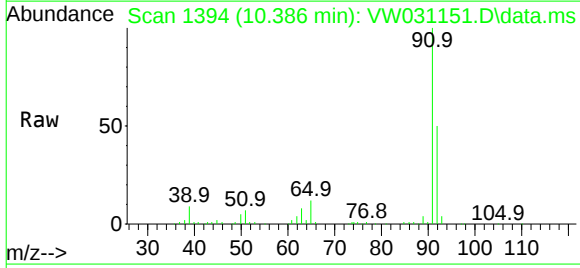
#42
Toluene
Concen: 29.464 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

Instrument : MSVOA_W
ClientSampleId : E28N4

Tgt Ion: 91 Resp: 46813
Ion Ratio Lower Upper
91 100
92 50.2 40.8 75.8

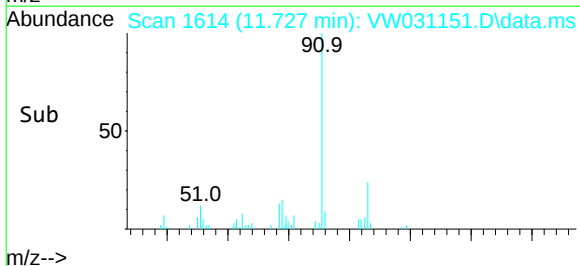
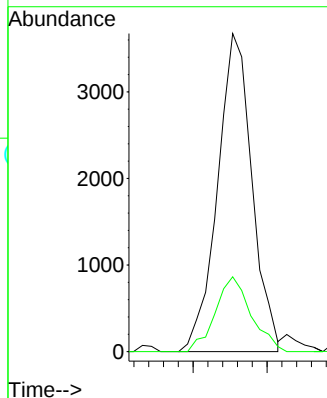
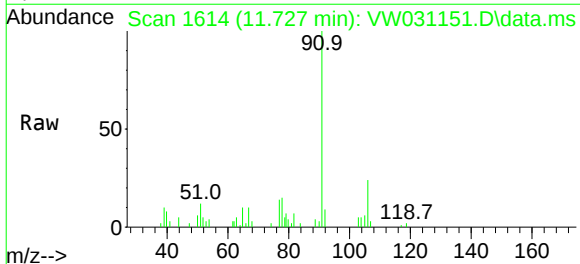
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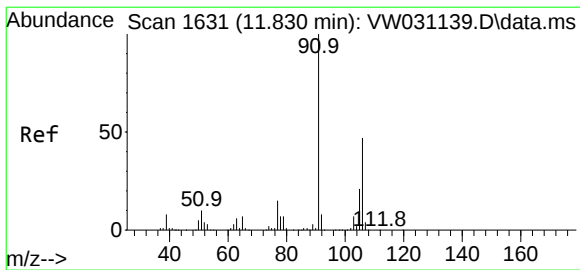
Reviewed By :Mahesh Dadoda 12/09/2024
Supervised By :Semsettin Yesilyurt 12/09/2024



#52
Ethylbenzene
Concen: 3.304 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

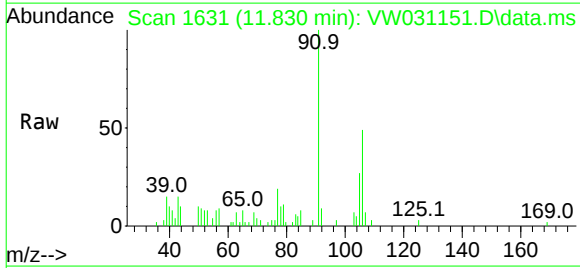
Tgt Ion: 91 Resp: 5949
Ion Ratio Lower Upper
91 100
106 23.5 21.3 39.5





#53
m,p-Xylene
Concen: 4.170 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

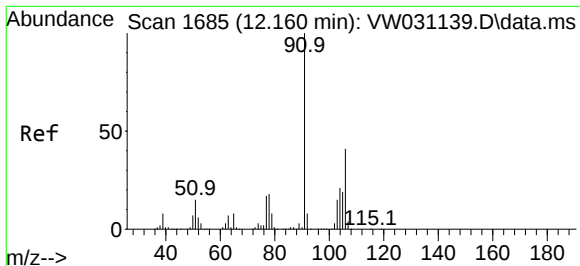
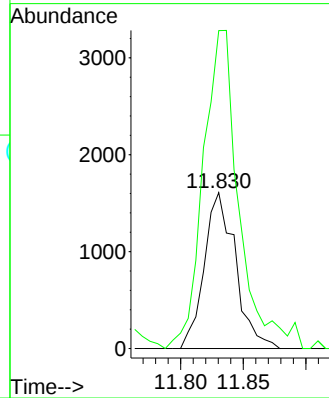
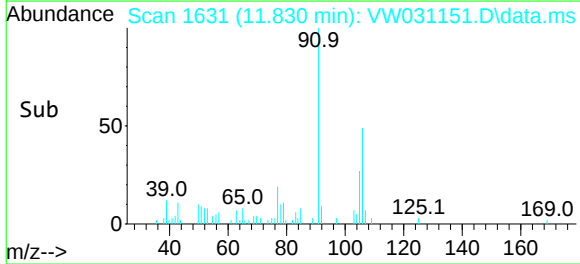
Instrument :
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ClientSampleId :
E28N4



Tgt Ion:106 Resp: 2794
Ion Ratio Lower Upper
106 100
91 203.9 140.9 261.7

Manual Integrations
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#54
o-Xylene
Concen: 2.393 ug/L
RT: 12.153 min Scan# 1684
Delta R.T. -0.006 min
Lab File: VW031151.D
Acq: 06 Dec 2024 15:24

Tgt Ion:106 Resp: 1492
Ion Ratio Lower Upper
106 100
91 195.8 152.7 283.5

