

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122024\
 Data File : VW031447.D
 Acq On : 20 Dec 2024 23:51
 Operator : SY/MD
 Sample : P5302-18
 Misc : 7.38g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ2

Manual Integrations
 APPROVED

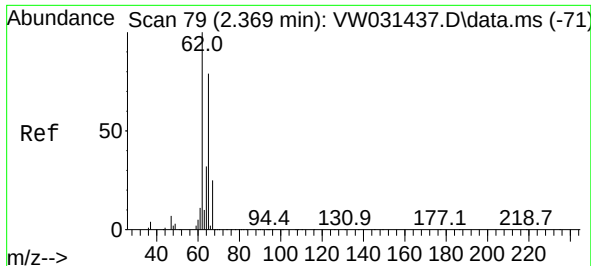
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 21 01:12:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 20 23:42:37 2024
 Response via : Initial Calibration

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

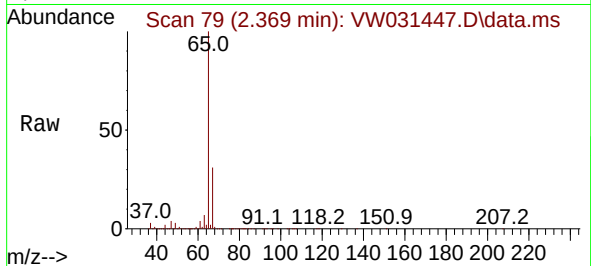
Internal Standards						
1) 1,4-Difluorobenzene	8.849	114	1070m	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	1203	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	1301	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	475617	29542.514	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 118170.040%#			
7) Chloroethane-d5	2.893	69	404127	33934.060	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 135736.240%#			
11) 1,1-Dichloroethene-d2	4.015	65	210733	27594.727	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 110378.920%#			
21) 2-Butanone-d5	7.088	46	257113	84802.188	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 169604.380%#			
24) Chloroform-d	7.648	84	903467	30817.098	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 123268.400%#			
26) 1,2-Dichloroethane-d4	8.301	65	558389m	37925.084	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 151700.320%#			
32) Benzene-d6	8.270	84	1899163	24630.712	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 98522.840%#			
36) 1,2-Dichloropropane-d6	9.270	67	578915	25761.523	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 103046.080%#			
41) Toluene-d8	10.319	98	1690064	23561.123	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 94244.480%#			
43) trans-1,3-Dichloroprop...	10.575	79	247157	23852.849	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 95411.400%#			
47) 2-Hexanone-d5	10.922	63	210122	69528.820	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 139057.640%#			
56) 1,1,2,2-Tetrachloroeth...	12.690	84	435460	30862.897	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 123451.600%#			
66) 1,2-Dichlorobenzene-d4	13.849	152	389602	8066.552	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 32266.200%#			
Target Compounds						
5) Vinyl chloride	2.369	62	2460m	163.396	ug/L	
12) 1,1-Dichloroethene	4.015	96	5369	409.306	ug/L #	1
13) Acetone	4.167	43	11673	2764.522	ug/L #	100
16) Methylene chloride	4.917	84	2606m	193.568	ug/L	
25) Chloroform	7.673	83	9251m	354.758	ug/L	
40) 4-Methyl-2-pentanone	10.209	43	3677	373.700	ug/L #	50
42) Toluene	10.386	91	4483	55.387	ug/L	90
46) Tetrachloroethene	10.855	164	1667	108.430	ug/L	85
52) Ethylbenzene	11.727	91	3190	34.006	ug/L	97
53) m,p-Xylene	11.831	106	1997	55.921	ug/L	95
54) o-Xylene	12.166	106	987	29.326	ug/L	94

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



#5
 Vinyl chloride
 Concen: 163.396 ug/L m
 RT: 2.369 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: VW031447.D
 Acq: 20 Dec 2024 23:51

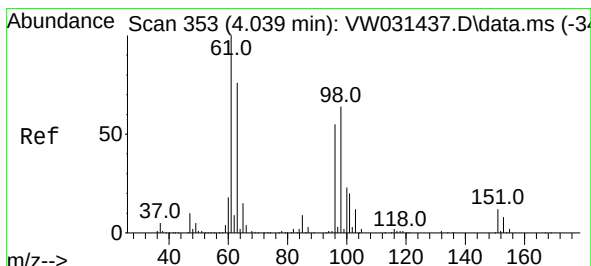
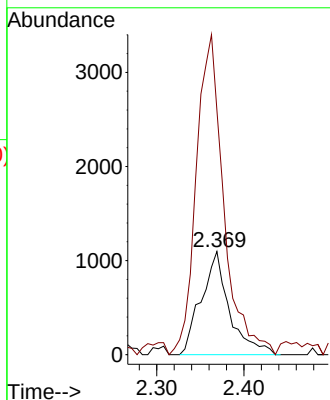
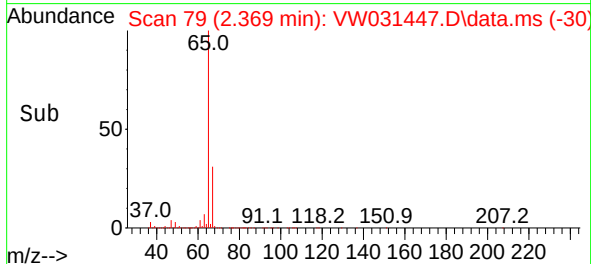
Instrument :
 MSVOA_W
 ClientSampleId :
 E2AQ2



Tgt Ion: 62 Resp: 2460
 Ion Ratio Lower Upper
 62 100
 64 236.7 24.1 44.8

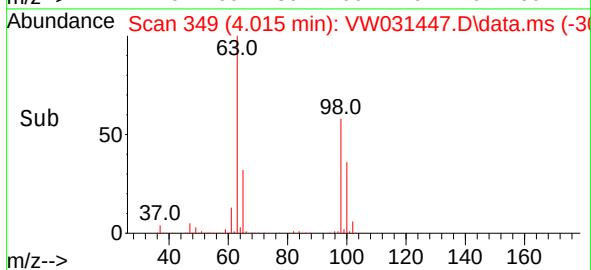
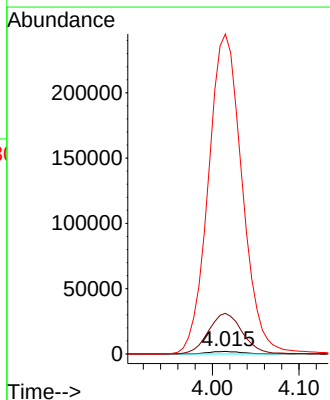
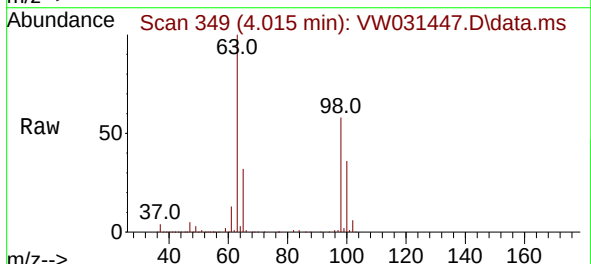
Manual Integrations
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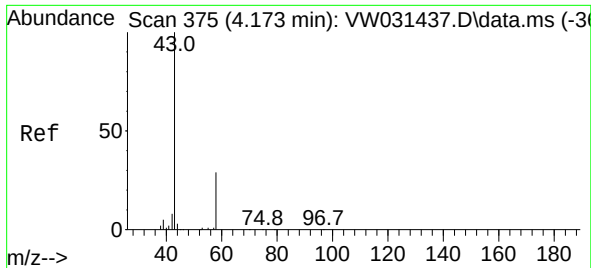
Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/23/2024



#12
 1,1-Dichloroethene
 Concen: 409.306 ug/L
 RT: 4.015 min Scan# 349
 Delta R.T. -0.024 min
 Lab File: VW031447.D
 Acq: 20 Dec 2024 23:51

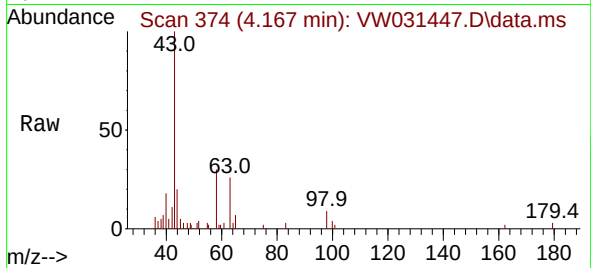
Tgt Ion: 96 Resp: 5369
 Ion Ratio Lower Upper
 96 100
 61 1535.7 125.3 232.7#
 63 12083.6 104.6 194.2#





#13
Acetone
Concen: 2764.522 ug/L
RT: 4.167 min Scan# 31
Delta R.T. -0.006 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51

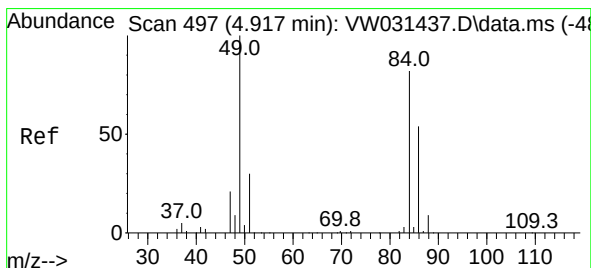
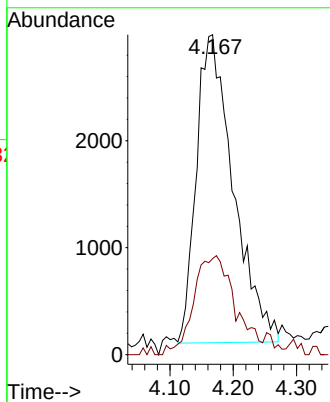
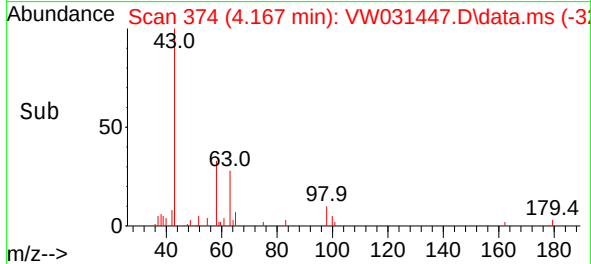
Instrument :
MSVOA_W
ClientSampleId :
E2AQ2



Tgt Ion: 43 Resp: 1167
Ion Ratio Lower Upper
43 100
58 12.8 0.0 0.0

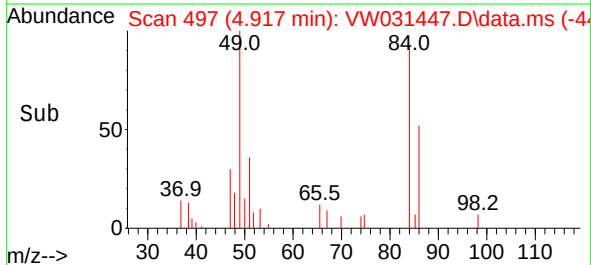
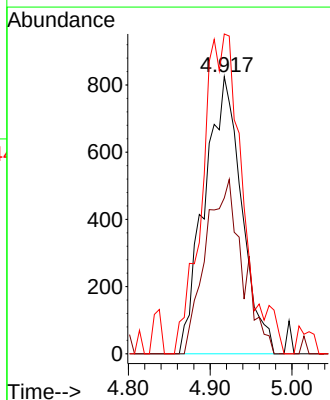
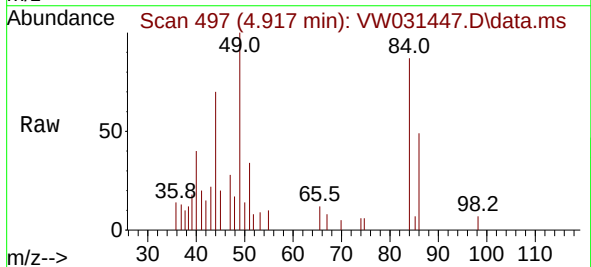
Manual Integrations
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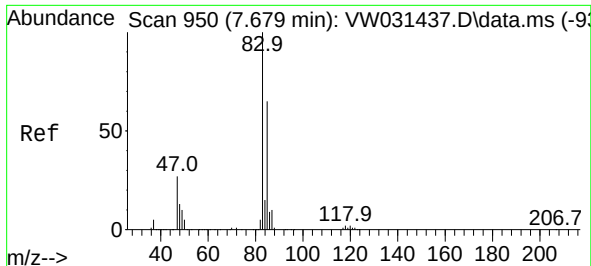
Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/23/2024



#16
Methylene chloride
Concen: 193.568 ug/L m
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51

Tgt Ion: 84 Resp: 2606
Ion Ratio Lower Upper
84 100
86 56.2 44.7 82.9
49 115.4 88.3 164.1





#25

Chloroform

Concen: 354.758 ug/L m

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031447.D

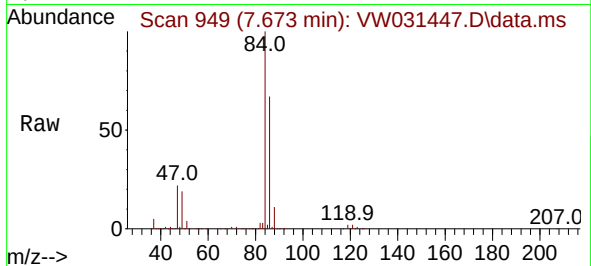
Acq: 20 Dec 2024 23:51

Instrument :

MSVOA_W

ClientSampleId :

E2AQ2



Tgt Ion: 83 Resp: 925

Ion Ratio Lower Upper

83 100

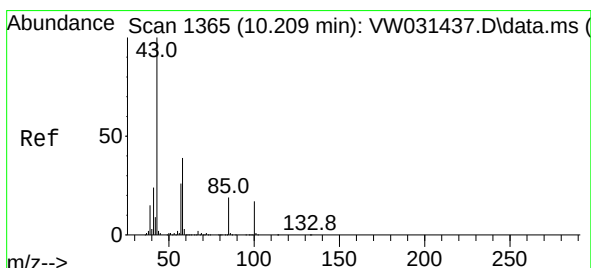
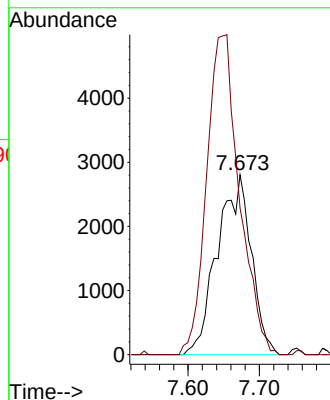
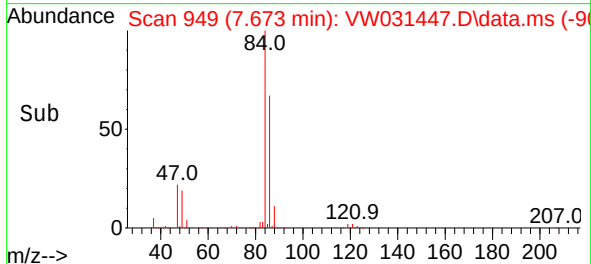
85 81.6 46.1 85.5

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#40

4-Methyl-2-pentanone

Concen: 373.700 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031447.D

Acq: 20 Dec 2024 23:51

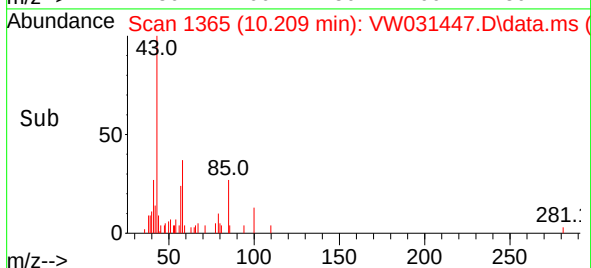
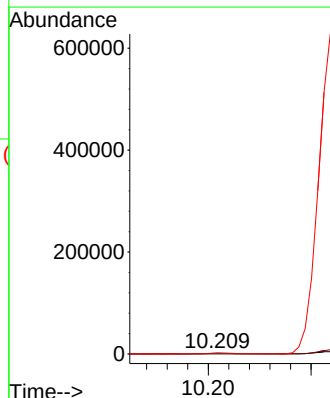
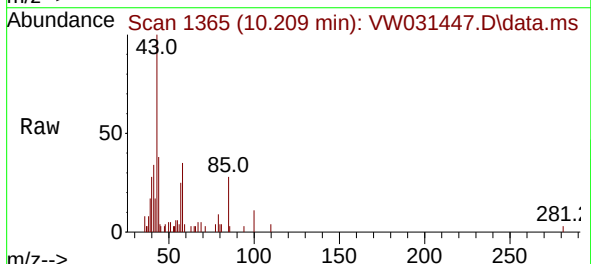
Tgt Ion: 43 Resp: 3677

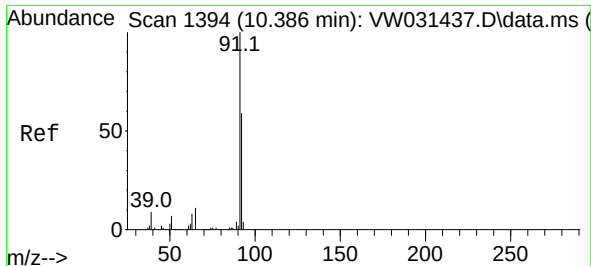
Ion Ratio Lower Upper

43 100

58 0.0 31.1 46.7#

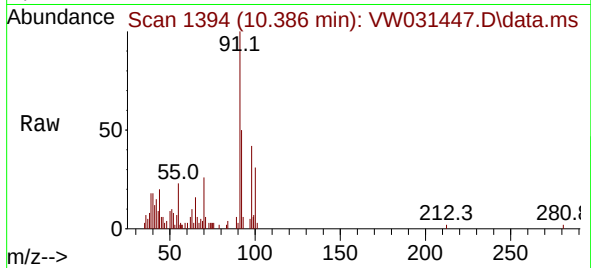
100 9.2 13.0 19.6#





#42
Toluene
Concen: 55.387 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51

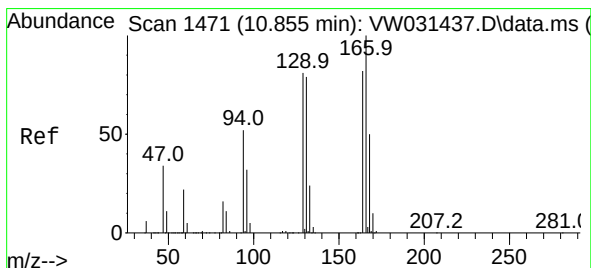
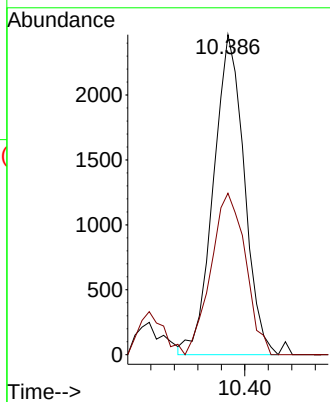
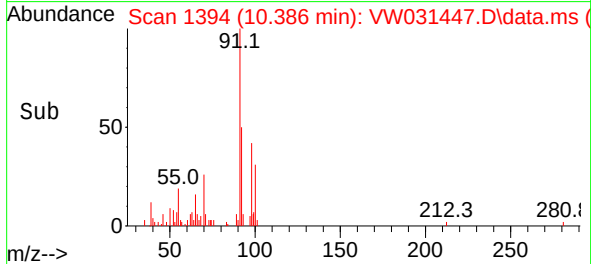
Instrument :
MSVOA_W
ClientSampleId :
E2AQ2



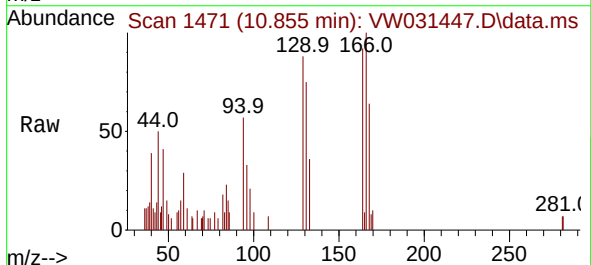
Tgt Ion: 91 Resp: 4483
Ion Ratio Lower Upper
91 100
92 50.5 40.3 74.9

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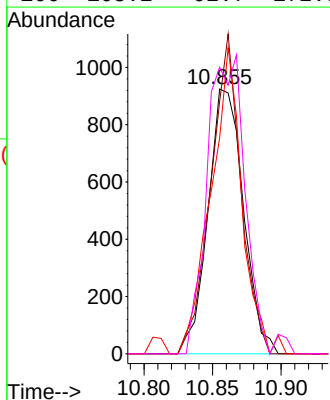
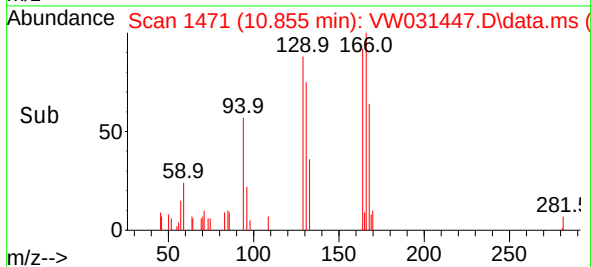
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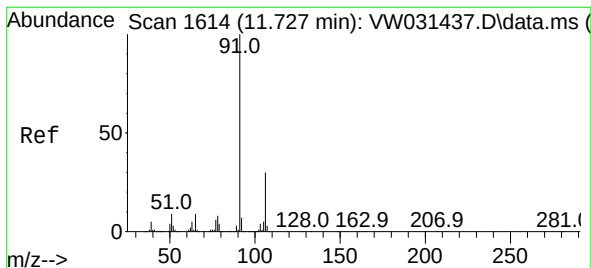


#46
Tetrachloroethene
Concen: 108.430 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51



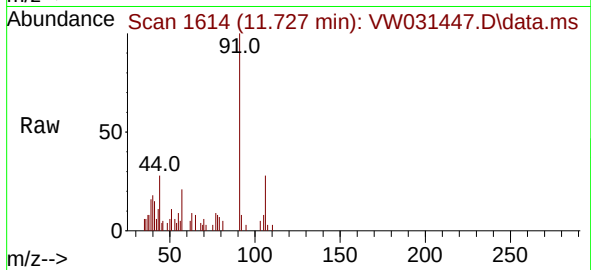
Tgt Ion:164 Resp: 1667
Ion Ratio Lower Upper
164 100
129 95.2 73.5 136.5
131 81.5 66.6 123.8
166 108.2 92.7 172.3





#52
Ethylbenzene
Concen: 34.006 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51

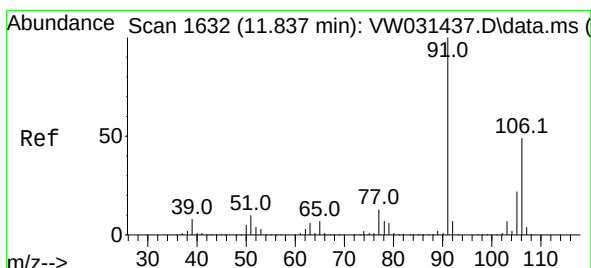
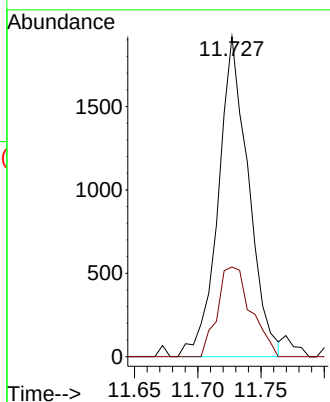
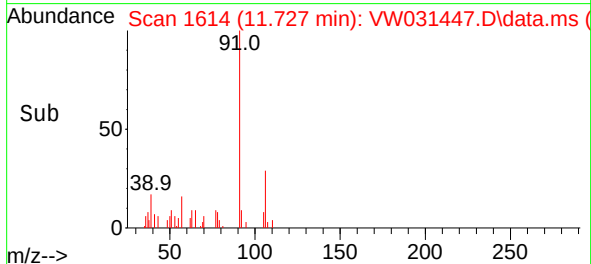
Instrument :
MSVOA_W
ClientSampleId :
E2AQ2



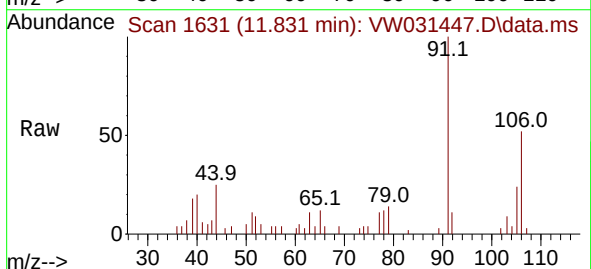
Tgt Ion: 91 Resp: 3190
Ion Ratio Lower Upper
91 100
106 28.0 20.7 38.5

Manual Integrations
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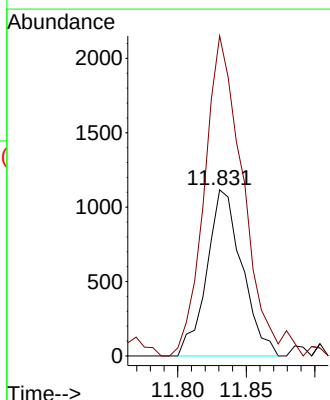
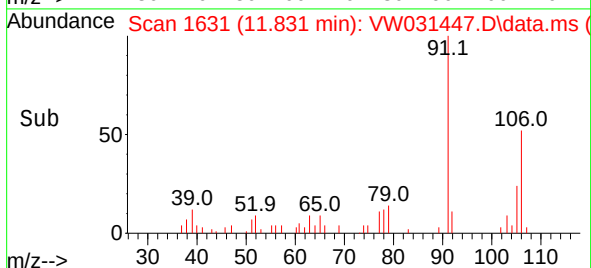
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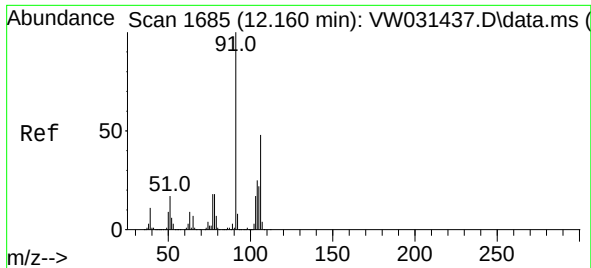


#53
m,p-Xylene
Concen: 55.921 ug/L
RT: 11.831 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51



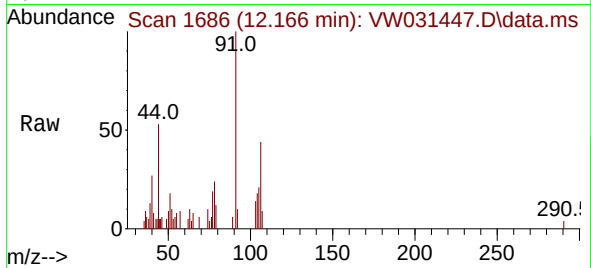
Tgt Ion:106 Resp: 1997
Ion Ratio Lower Upper
106 100
91 192.7 139.9 259.7





#54
o-Xylene
Concen: 29.326 ug/L
RT: 12.166 min Scan# 10
Delta R.T. 0.006 min
Lab File: VW031447.D
Acq: 20 Dec 2024 23:51

Instrument :
MSVOA_W
ClientSampleId :
E2AQ2



Tgt Ion:106 Resp: 98
Ion Ratio Lower Upper
106 100
91 227.7 153.1 284.3

Manual Integrations
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