

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
 Data File : VW024515.D
 Acq On : 31 Aug 2022 15:40
 Operator : SY/VA
 Sample : N4440-08
 Misc : 5.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZK3

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Semsettin Yesilyurt 09/01/2022

Quant Time: Sep 01 03:01:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082622SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 31 02:55:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	62623	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	40006	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	12871	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	47436	27.479	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 109.920%			
7) Chloroethane-d5	2.873	69	28239	21.833	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.320%			
11) 1,1-Dichloroethene-d2	4.001	63	32869	21.955	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.800%			
21) 2-Butanone-d5	7.092	46	15524m	48.824	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.640%			
24) Chloroform-d	7.646	84	46612	23.152	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	8.305	65	25828m	21.155	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 84.600%			
32) Benzene-d6	8.274	84	79054	34.489	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 137.960%#			
36) 1,2-Dichloropropane-d6	9.274	67	31180	43.740	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 174.960%#			
41) Toluene-d8	10.323	98	57628	26.443	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.760%			
43) trans-1,3-Dichloroprop...	10.579	79	7429	22.270	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 89.080%			
47) 2-Hexanone-d5	10.920	63	8623	54.055	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 108.120%			
56) 1,1,2,2-Tetrachloroeth...	12.688	84	20651	25.587	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 102.360%			
66) 1,2-Dichlorobenzene-d4	13.853	152	10051	20.737	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 82.960%			
Target Compounds						Qvalue
5) Vinyl chloride	2.349	62	378523	184.778	ug/L	97
13) Acetone	4.123	43	7131	37.581	ug/L	83
14) Carbon disulfide	4.373	76	5137	2.066	ug/L #	83
16) Methylene chloride	4.903	84	5263	5.011	ug/L	82
17) trans-1,2-Dichloroethene	5.421	96	165398	186.808	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	5451933m	5599.483	ug/L	
34) Trichloroethene	9.091	95	281953	429.494	ug/L	96
42) Toluene	10.390	91	11793	4.290	ug/L	92
46) Tetrachloroethene	10.859	164	493	0.967	ug/L #	80
62) 1,3,5-Trimethylbenzene	12.938	105	10332	7.495	ug/L	98
63) 1,2,4-Trimethylbenzene	13.243	105	3012	2.250	ug/L	92

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

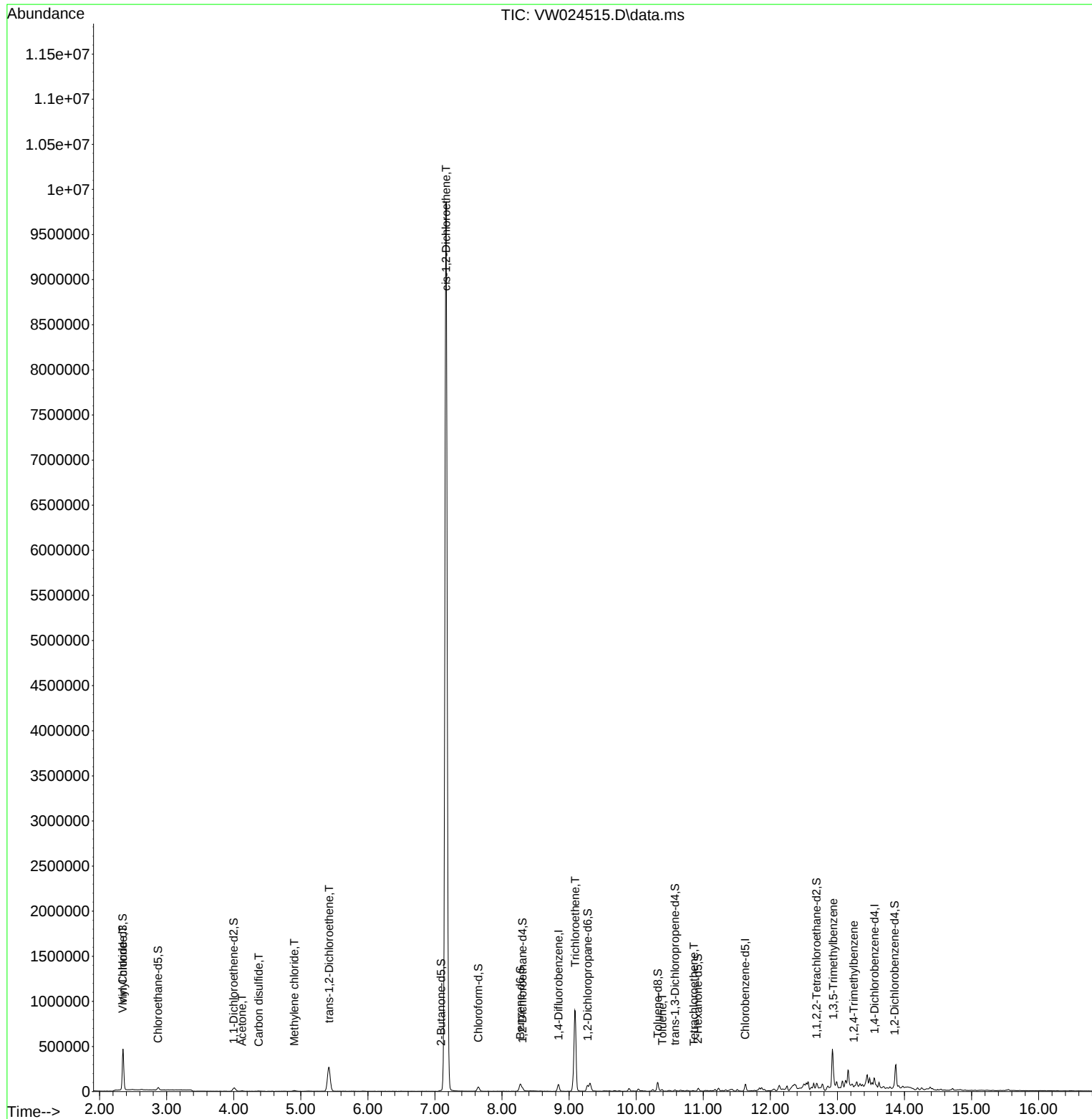
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW083122\
Data File : VW024515.D
Acq On : 31 Aug 2022 15:40
Operator : SY/VA
Sample : N4440-08
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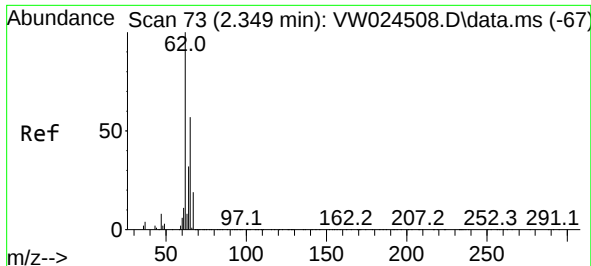
Instrument :
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ClientSampleId :
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Quant Title : SFAM01.0
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Response via : Initial Calibration





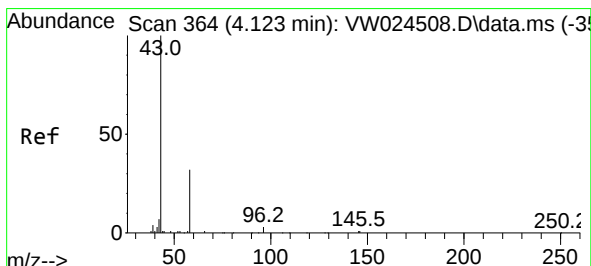
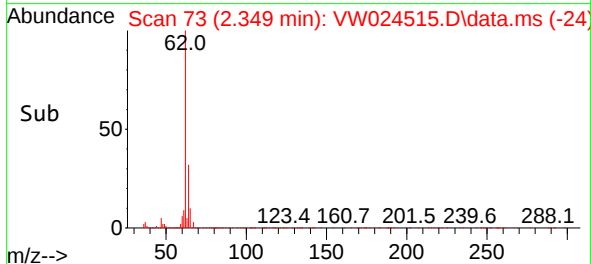
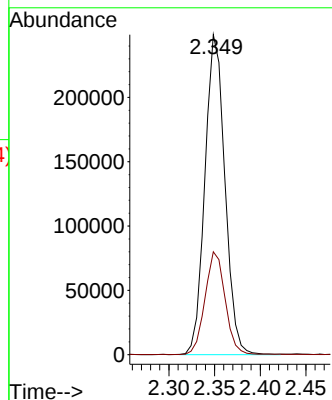
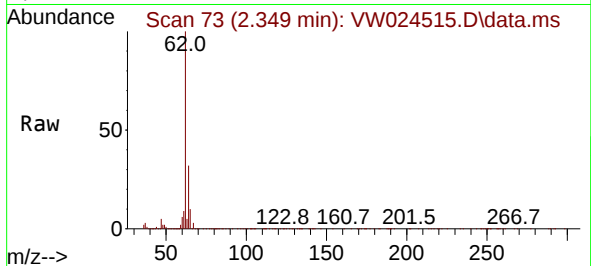
#5
 Vinyl chloride
 Concen: 184.778 ug/L
 RT: 2.349 min Scan# 73
 Delta R.T. -0.000 min
 Lab File: VW024515.D
 Acq: 31 Aug 2022 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZK3

Tgt Ion: 62 Resp: 37852
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.6 43.8

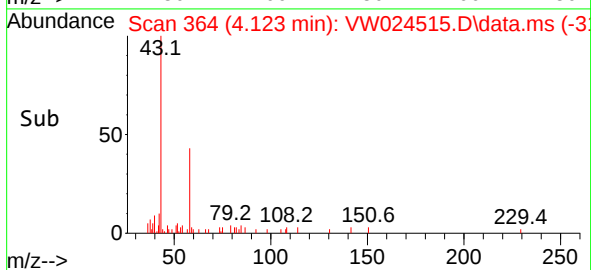
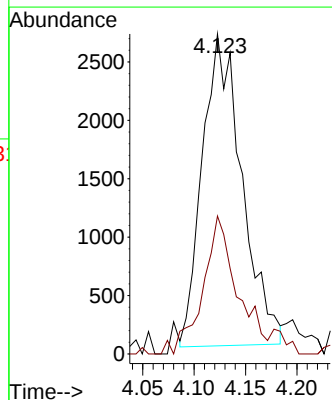
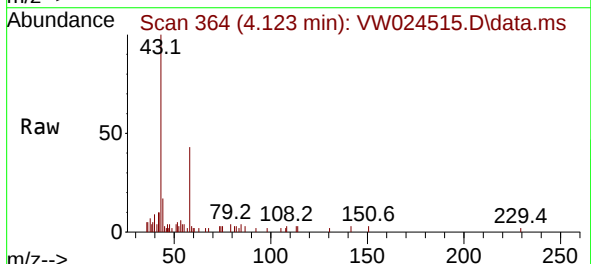
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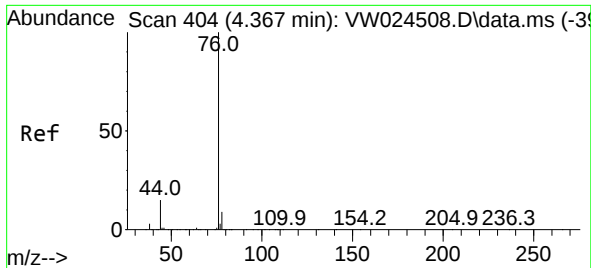
Reviewed By :Krupa Patel 09/01/2022
 Supervised By :Semsettin Yesilyurt 09/01/2022



#13
 Acetone
 Concen: 37.581 ug/L
 RT: 4.123 min Scan# 364
 Delta R.T. -0.000 min
 Lab File: VW024515.D
 Acq: 31 Aug 2022 15:40

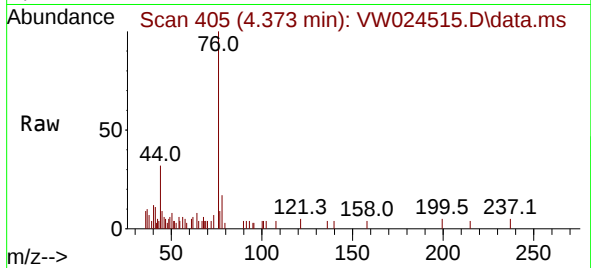
Tgt Ion: 43 Resp: 7131
 Ion Ratio Lower Upper
 43 100
 58 38.1 0.0 58.4





#14
Carbon disulfide
Concen: 2.066 ug/L
RT: 4.373 min Scan# 405
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

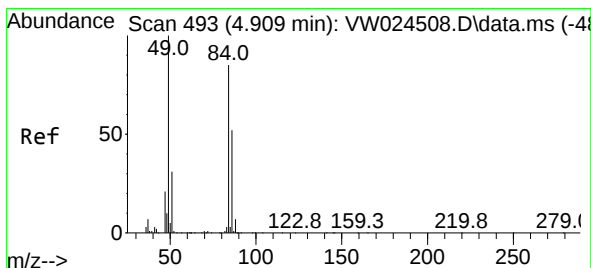
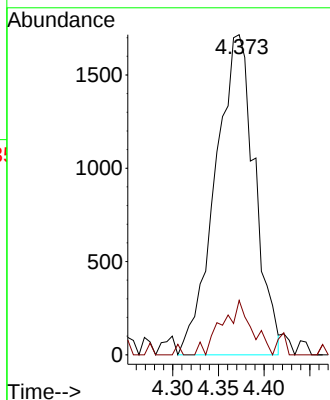
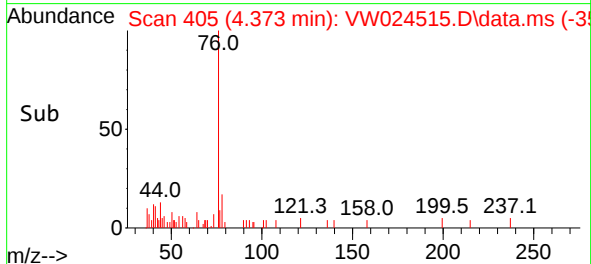
Instrument :
MSVOA_W
ClientSampleId :
C0ZK3



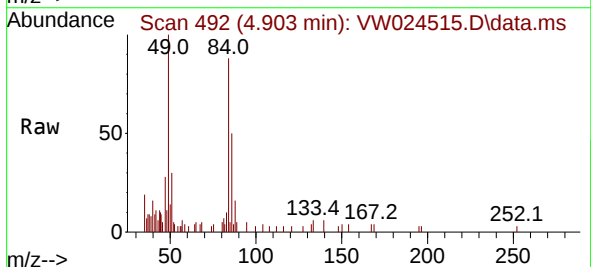
Tgt Ion: 76 Resp: 513
Ion Ratio Lower Upper
76 100
78 15.6 7.4 11.2

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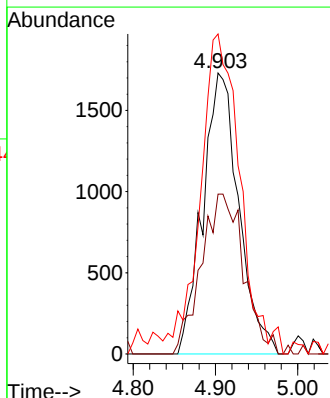
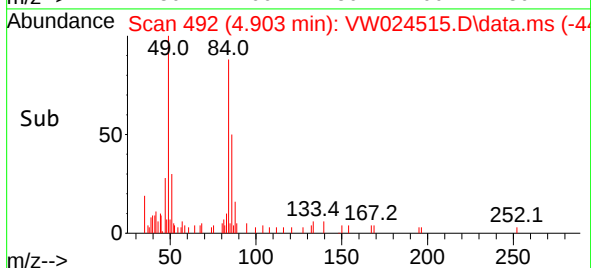
Reviewed By :Krupa Patel 09/01/2022
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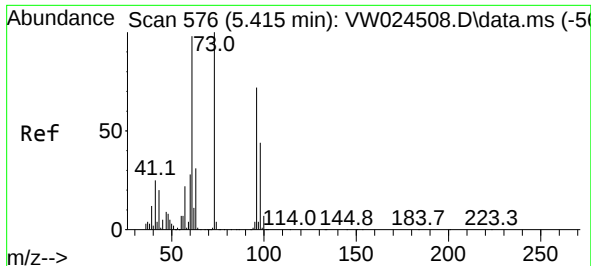


#16
Methylene chloride
Concen: 5.011 ug/L
RT: 4.903 min Scan# 492
Delta R.T. -0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40



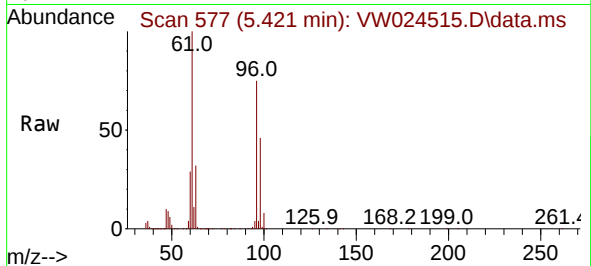
Tgt Ion: 84 Resp: 5263
Ion Ratio Lower Upper
84 100
86 56.9 47.7 88.7
49 113.9 96.6 179.4





#17
trans-1,2-Dichloroethene
Concen: 186.808 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

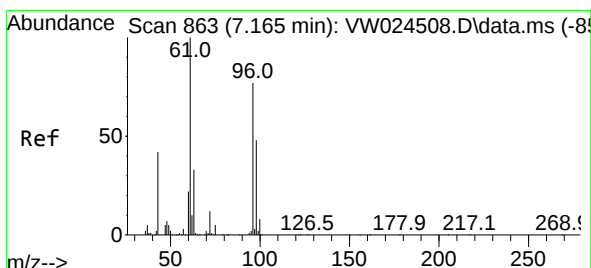
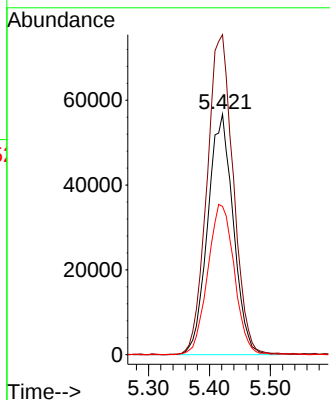
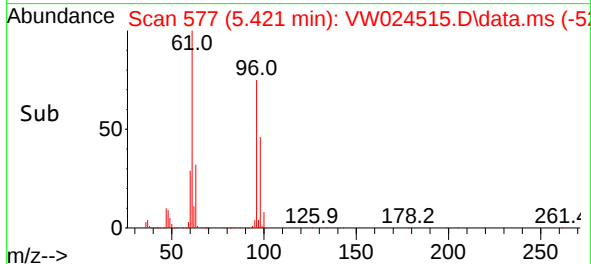
Instrument :
MSVOA_W
ClientSampleId :
C0ZK3



Tgt Ion: 96 Resp: 165398
Ion Ratio Lower Upper
96 100
61 133.1 92.1 171.1
98 61.7 44.7 83.1

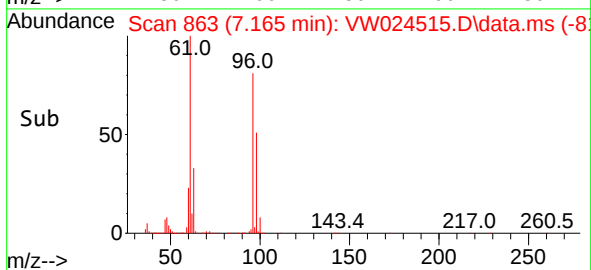
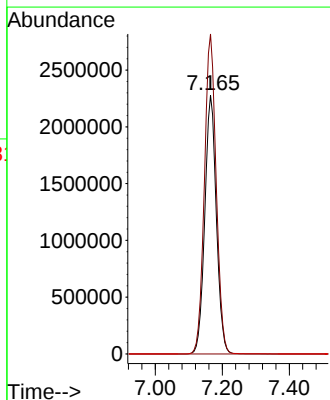
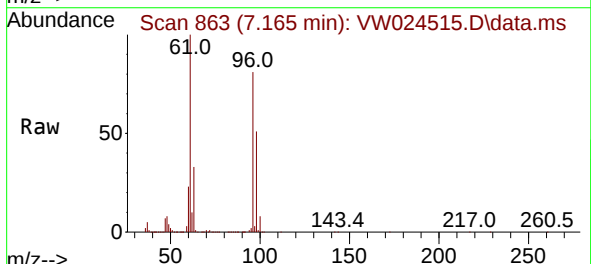
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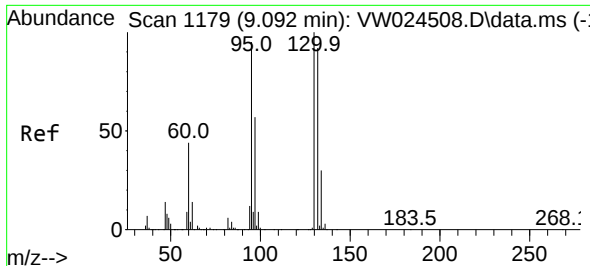
Reviewed By :Krupa Patel 09/01/2022
Supervised By :Semsettin Yesilyurt 09/01/2022



#20
cis-1,2-Dichloroethene
Concen: 5599.483 ug/L m
RT: 7.165 min Scan# 863
Delta R.T. -0.000 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

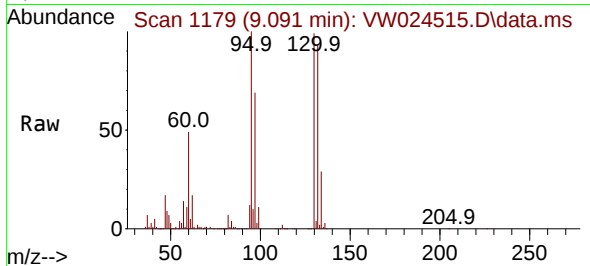
Tgt Ion: 96 Resp: 5451933
Ion Ratio Lower Upper
96 100
61 123.7 90.2 167.6
68 0.0 0.0 0.0





#34
Trichloroethene
Concen: 429.494 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

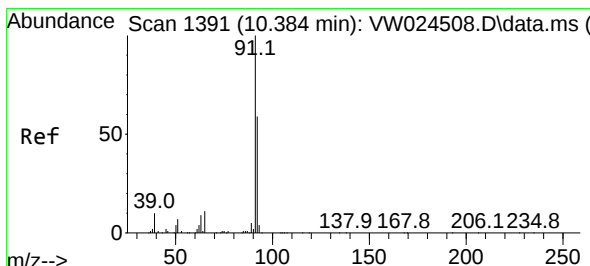
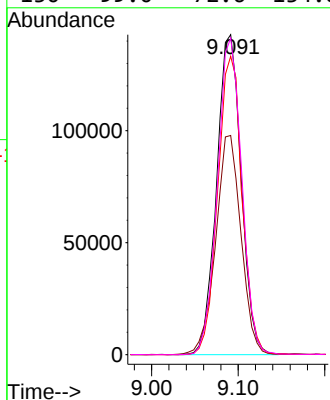
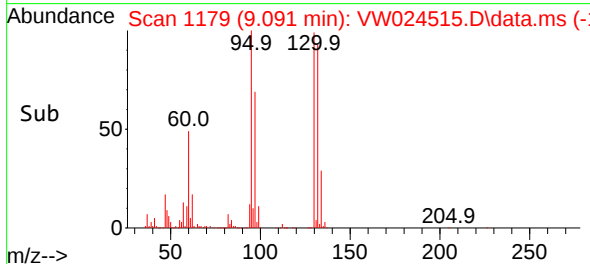
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ClientSampleId :
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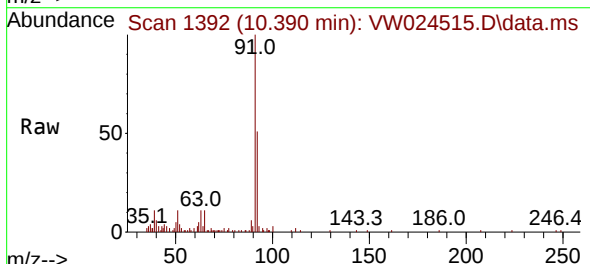
Tgt Ion: 95 Resp: 28195
Ion Ratio Lower Upper
95 100
97 68.5 48.4 89.8
132 93.2 68.6 127.4
130 99.0 72.6 134.8

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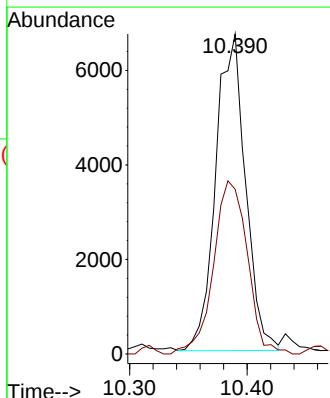
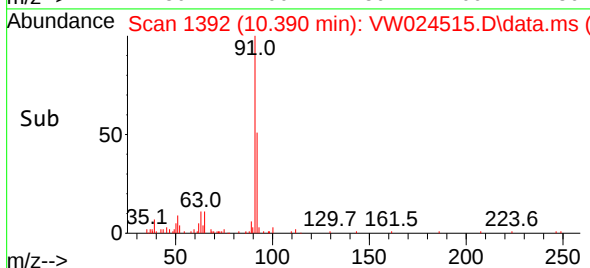
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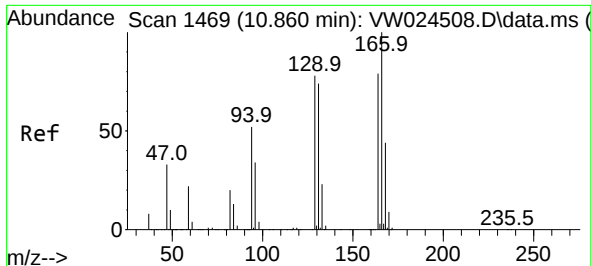


#42
Toluene
Concen: 4.290 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40



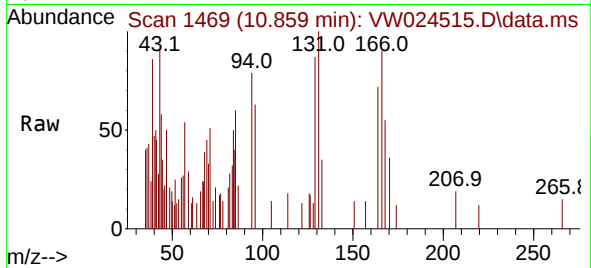
Tgt Ion: 91 Resp: 11793
Ion Ratio Lower Upper
91 100
92 51.5 40.0 74.4





#46
Tetrachloroethene
Concen: 0.967 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40

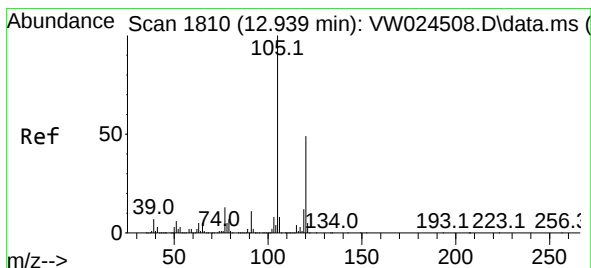
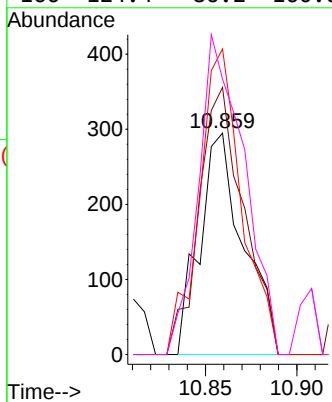
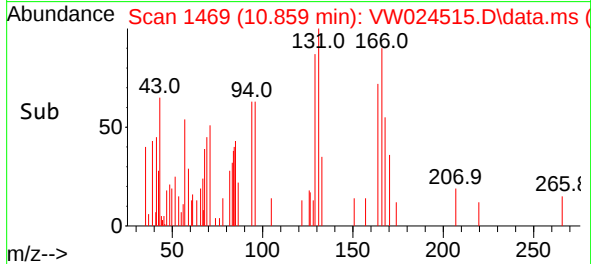
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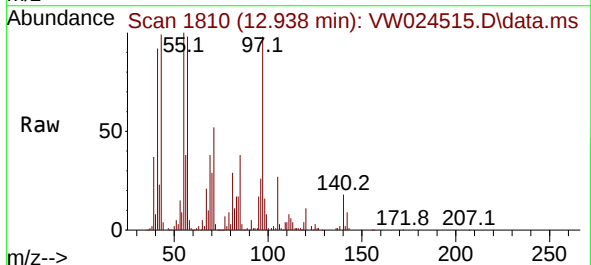
Tgt Ion	Ratio	Lower	Upper
164	100		
129	120.7	72.9	135.3
131	138.0	63.7	118.3
166	124.4	86.2	160.0

Manual Integrations
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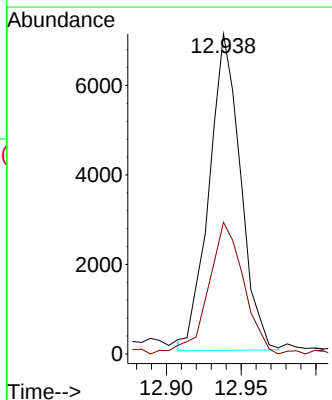
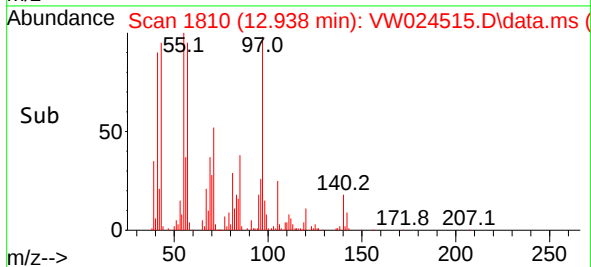
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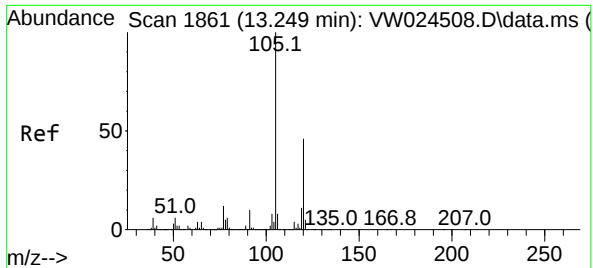


#62
1,3,5-Trimethylbenzene
Concen: 7.495 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW024515.D
Acq: 31 Aug 2022 15:40



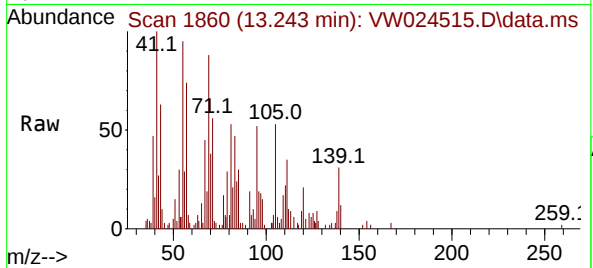
Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	38.4	57.6





#63
 1,2,4-Trimethylbenzene
 Concen: 2.250 ug/L
 RT: 13.243 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: VW024515.D
 Acq: 31 Aug 2022 15:40

Instrument :
 MSVOA_W
 ClientSampleId :
 C0ZK3



Tgt Ion:105 Resp: 3012
 Ion Ratio Lower Upper
 105 100
 120 50.8 36.2 54.2

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