

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050224\
 Data File : VV035520.D
 Acq On : 02 May 2024 14:03
 Operator : SY/MD
 Sample : P2349-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E08R8

Quant Time: May 03 05:15:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 05:13:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/03/2024
 Supervised By :Semsettin Yesilyurt 05/03/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	480820	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	476620	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	224911	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	162776	43.906	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.820%		
7) Chloroethane-d5	1.529	69	142252	52.067	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	104.140%		
11) 1,1-Dichloroethene-d2	2.056	65	72549	45.587	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.180%		
21) 2-Butanone-d5	3.796	46	133064	53.181	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	53.180%		
24) Chloroform-d	4.275	84	12739	1.873	ug/L	0.03
Spiked Amount 50.000	Range 70 - 125		Recovery =	3.740%#		
26) 1,2-Dichloroethane-d4	4.940	65	197124	49.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.440%		
32) Benzene-d6	4.956	84	636840	47.470	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.940%		
36) 1,2-Dichloropropane-d6	5.985	67	204488	48.886	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.780%		
41) Toluene-d8	7.239	98	609062	49.876	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.760%		
43) trans-1,3-Dichloroprop...	7.551	79	90537	44.409	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.820%		
47) 2-Hexanone-d5	8.024	63	75907m	39.489	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	39.490%#		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	1087	0.171	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	0.340%#		
66) 1,2-Dichlorobenzene-d4	11.557	152	247171	55.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.620%		
Target Compounds						
13) Acetone	2.117	43	71357	30.805	ug/L	100
22) 2-Butanone	3.873	43	135885	49.554	ug/L	94
25) Chloroform	4.275	83	308295	48.077	ug/L	98
34) Trichloroethene	5.831	95	68634	20.039	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	513294	108.742	ug/L	99
42) Toluene	7.326	91	22059	1.634	ug/L	95
46) Tetrachloroethene	7.905	164	20499	7.410	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	20613	1.978	ug/L	96

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

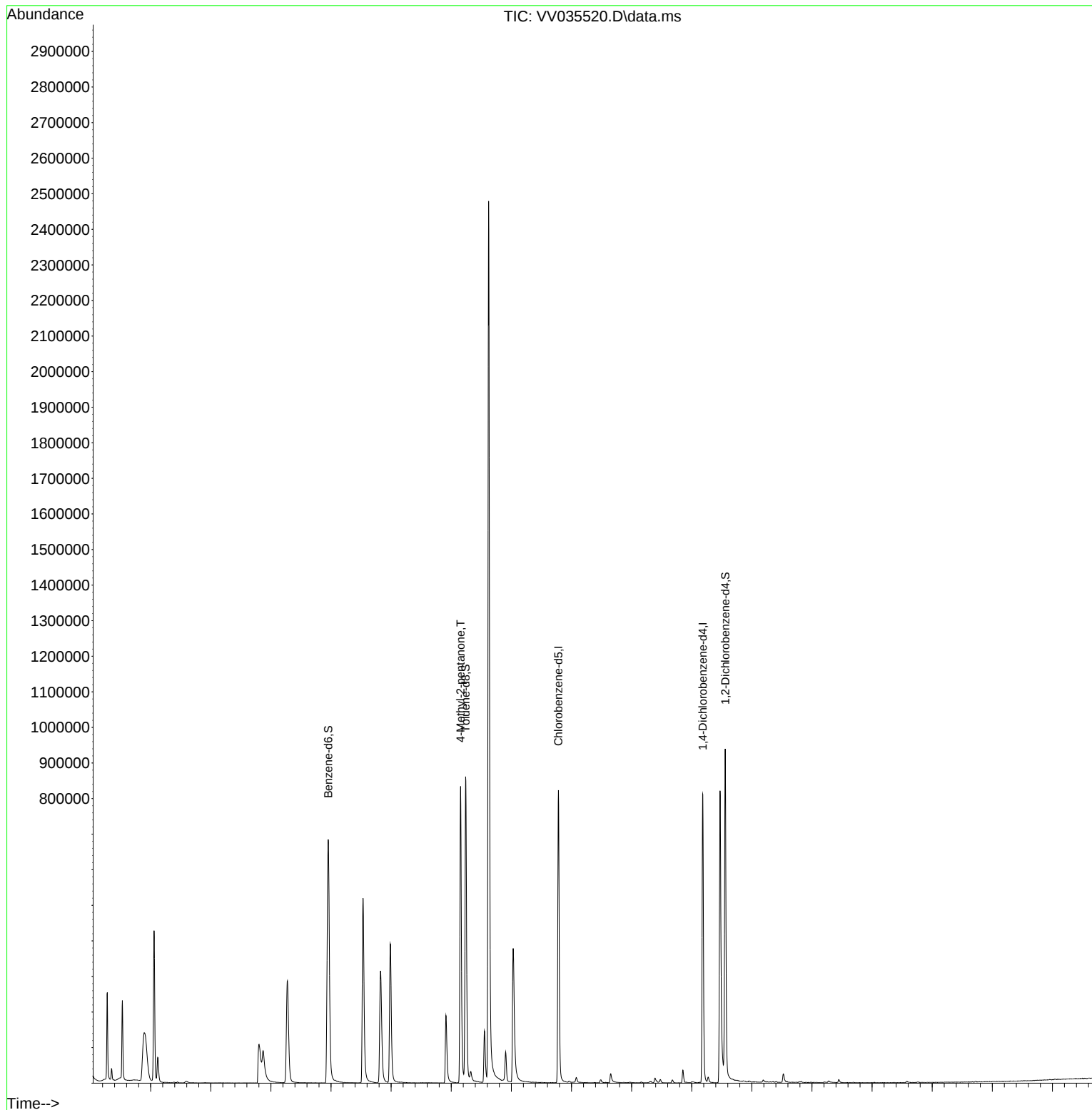
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050224\
Data File : VV035520.D
Acq On : 02 May 2024 14:03
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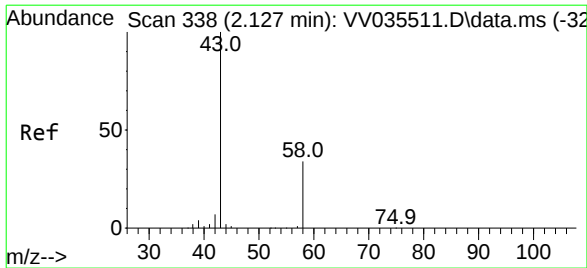
Instrument :
MSVOA_V
ClientSampleId :
E08R8

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Quant Time: May 03 05:15:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 03 05:13:05 2024
Response via : Initial Calibration





#13

Acetone

Concen: 30.805 ug/L

RT: 2.117 min Scan# 33

Delta R.T. -0.010 min

Lab File: VV035520.D

Acq: 02 May 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

E08R8

Tgt Ion: 43 Resp: 71357

Ion Ratio Lower Upper

43 100

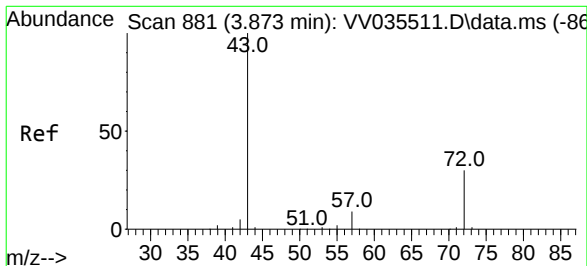
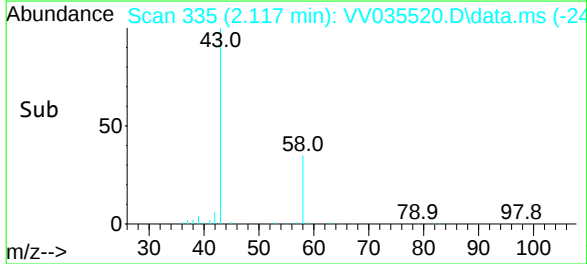
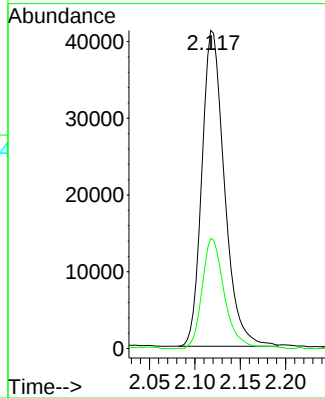
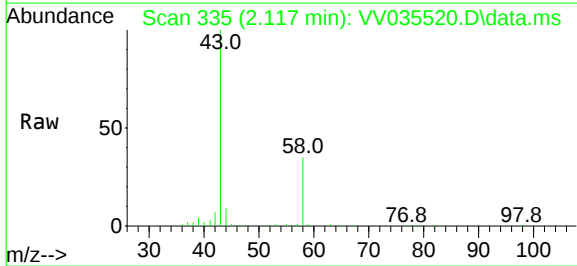
58 34.6 0.0 68.8

Manual Integrations

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#22

2-Butanone

Concen: 49.554 ug/L

RT: 3.873 min Scan# 881

Delta R.T. -0.000 min

Lab File: VV035520.D

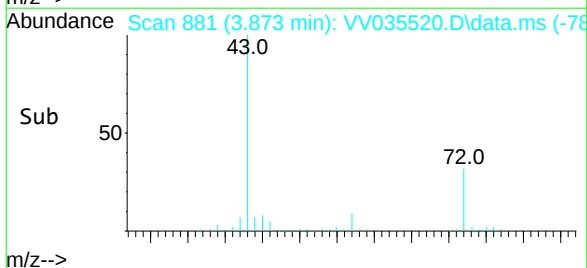
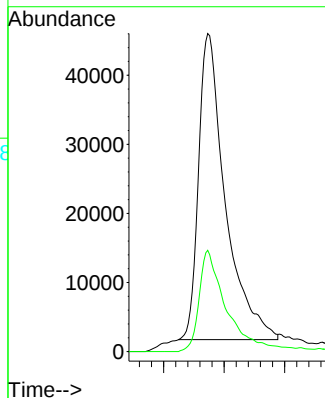
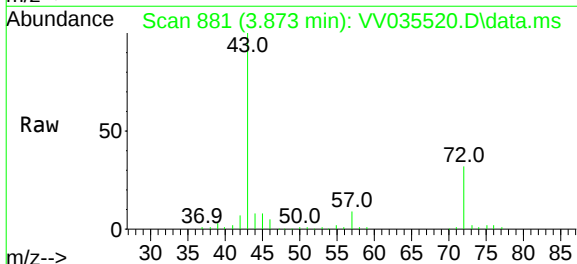
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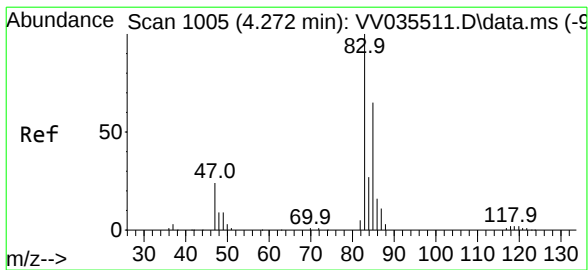
Tgt Ion: 43 Resp: 135885

Ion Ratio Lower Upper

43 100

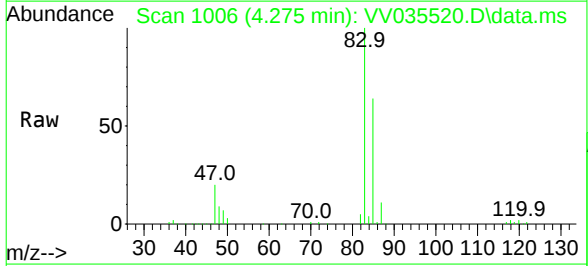
72 31.8 14.4 43.0





#25
Chloroform
Concen: 48.077 ug/L
RT: 4.275 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

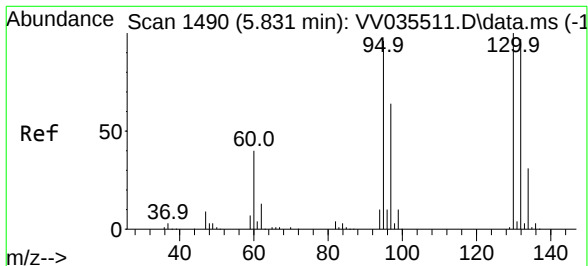
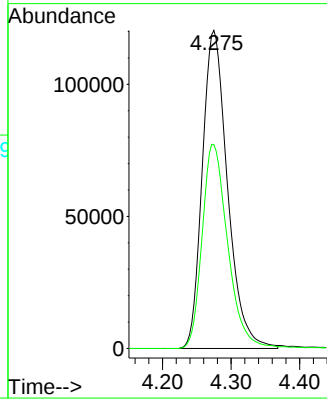
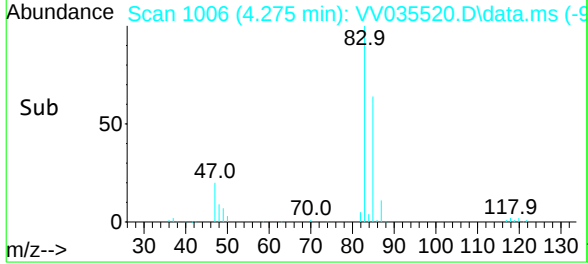
Instrument :
MSVOA_V
ClientSampleId :
E08R8



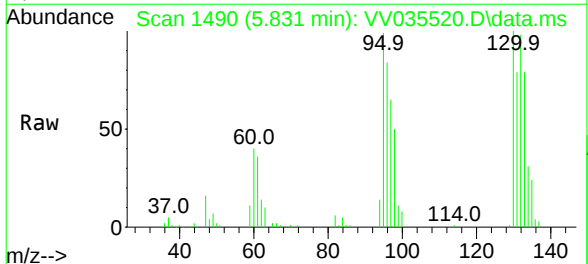
Tgt Ion: 83 Resp: 308295
Ion Ratio Lower Upper
83 100
85 64.1 45.8 85.2

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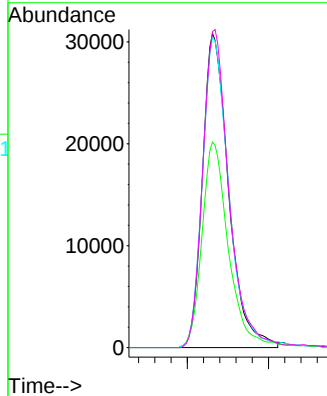
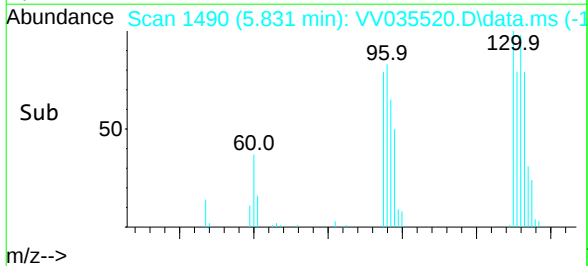
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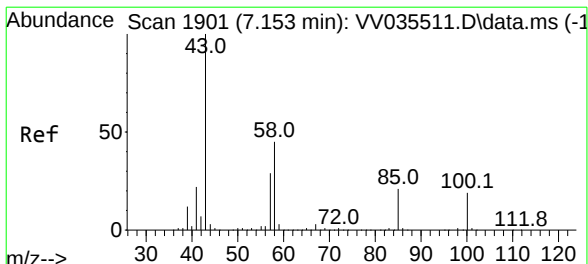


#34
Trichloroethene
Concen: 20.039 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03



Tgt Ion: 95 Resp: 68634
Ion Ratio Lower Upper
95 100
97 65.5 45.1 83.9
132 98.6 69.4 128.8
130 100.6 71.3 132.3





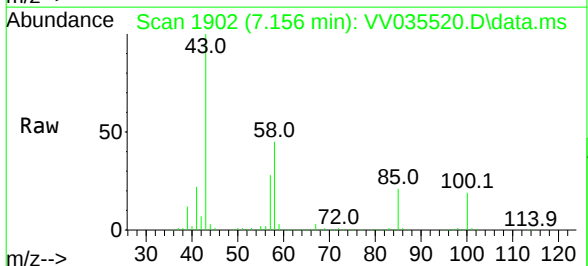
#40
4-Methyl-2-pentanone
Concen: 108.742 ug/L
RT: 7.156 min Scan# 19
Delta R.T. 0.003 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

E08R8

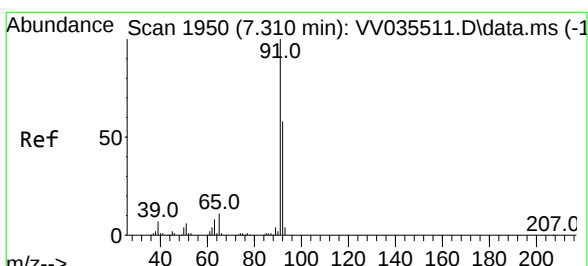
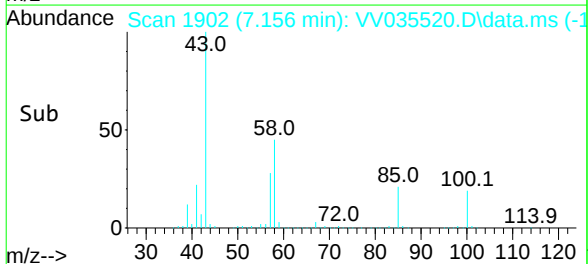
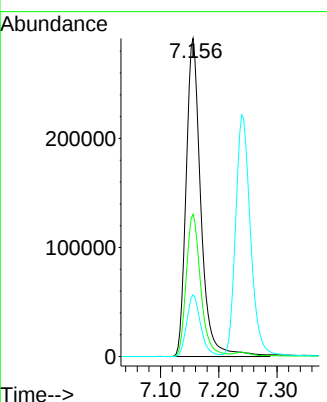


Tgt Ion: 43 Resp: 513294

Ion	Ratio	Lower	Upper
43	100		
58	44.0	36.1	54.1
100	18.4	15.0	22.4

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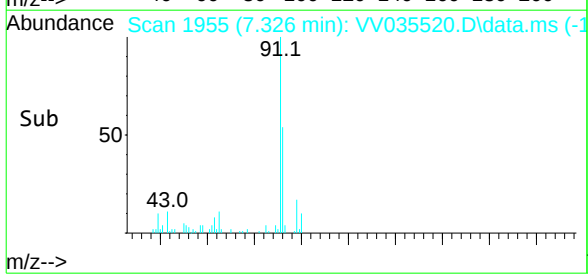
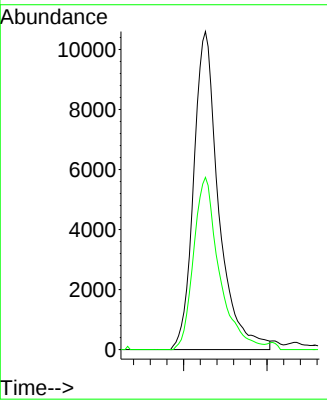
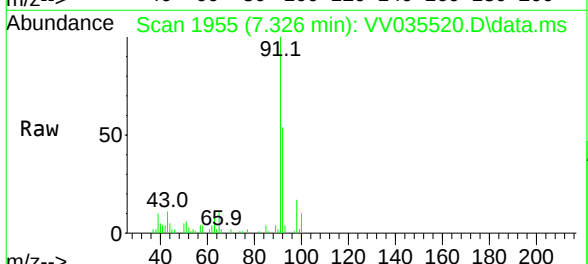
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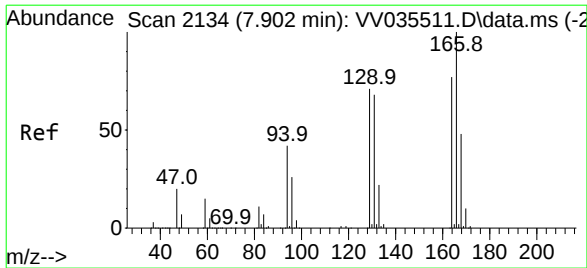


#42
Toluene
Concen: 1.634 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.016 min
Lab File: VV035520.D
Acq: 02 May 2024 14:03

Tgt Ion: 91 Resp: 22059

Ion	Ratio	Lower	Upper
91	100		
92	54.2	40.3	74.9





#46

Tetrachloroethene

Concen: 7.410 ug/L

RT: 7.905 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035520.D

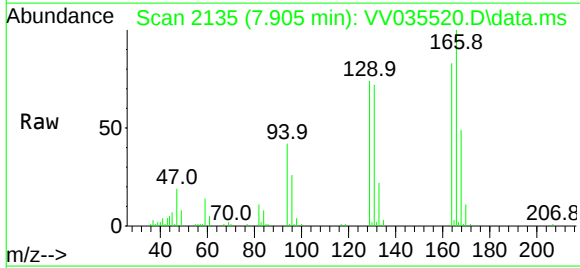
Acq: 02 May 2024 14:03

Instrument :

MSVOA_V

ClientSampleId :

E08R8



Tgt Ion:164 Resp: 20499

Ion Ratio Lower Upper

164 100

129 88.4 64.7 120.1

131 86.2 61.5 114.1

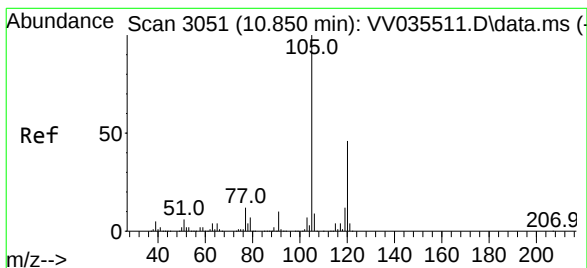
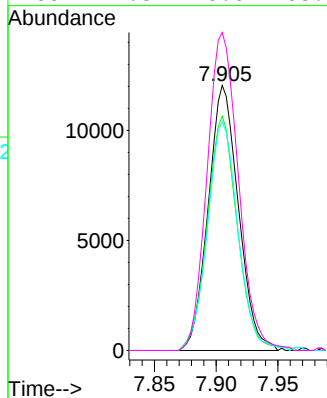
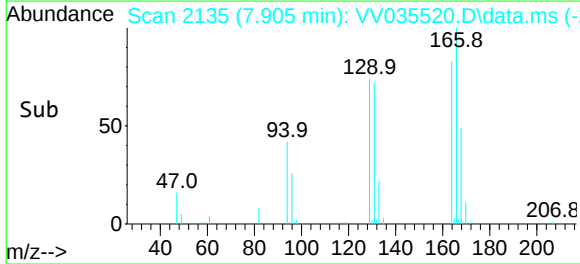
166 122.8 90.6 168.3

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#63

1,2,4-Trimethylbenzene

Concen: 1.978 ug/L

RT: 10.853 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VV035520.D

Acq: 02 May 2024 14:03

Tgt Ion:105 Resp: 20613

Ion Ratio Lower Upper

105 100

120 43.4 36.6 55.0

