

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030705.D
 Acq On : 20 Apr 2023 10:36
 Operator : SY/MD
 Sample : 02411-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 00:15:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	159599	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	153585	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	72415	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	80912	69.156	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 138.320%#			
7) Chloroethane-d5	1.536	69	64955m	66.251	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 132.500%#			
11) 1,1-Dichloroethene-d2	2.063	65	36506	65.795	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 131.600%#			
21) 2-Butanone-d5	3.799	46	79348	123.475	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.470%			
24) Chloroform-d	4.256	84	138924	65.521	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 131.040%#			
26) 1,2-Dichloroethane-d4	4.947	65	96677	70.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.840%#			
32) Benzene-d6	4.966	84	256365	70.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.200%#			
36) 1,2-Dichloropropane-d6	5.995	67	79157	70.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 140.360%#			
41) Toluene-d8	7.249	98	224219	65.766	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 131.540%#			
43) trans-1,3-Dichloroprop...	7.558	79	38109	67.034	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 134.060%#			
47) 2-Hexanone-d5	8.034	63	50159	112.884	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.880%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	96104	58.718	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 117.440%			
66) 1,2-Dichlorobenzene-d4	11.571	152	86335	75.008	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 150.020%#			
Target Compounds					Qvalue	
13) Acetone	2.124	43	6829	6.867	ug/L	95
20) cis-1,2-Dichloroethene	3.828	96	14042	11.442	ug/L	89
25) Chloroform	4.281	83	32531	13.664	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	11750	5.445	ug/L	99
34) Trichloroethene	5.838	95	125817	103.713	ug/L	98
38) Bromodichloromethane	6.442	83	2236	1.268	ug/L #	85
51) Chlorobenzene	8.828	112	2396	0.724	ug/L	98
65) 1,4-Dichlorobenzene	11.220	146	2529	1.061	ug/L	97
72) 1,2,3-Trichlorobenzene	13.689	180	1344	0.935	ug/L	93

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

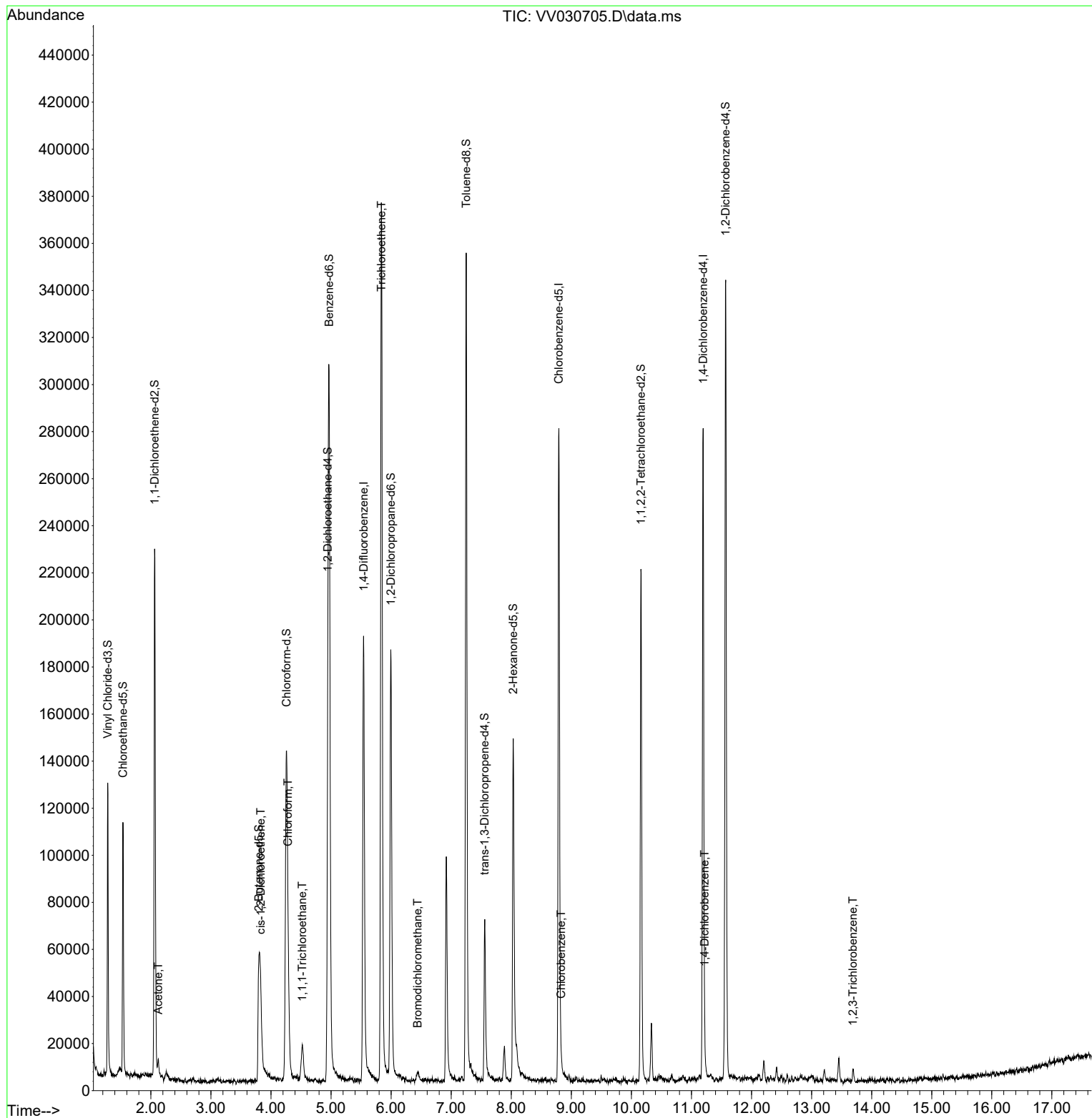
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
Data File : VV030705.D
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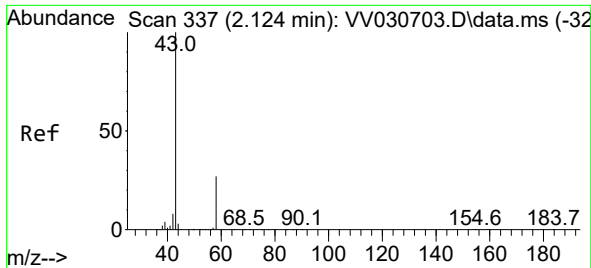
Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
Response via : Initial Calibration





#13

Acetone

Concen: 6.867 ug/L

RT: 2.124 min Scan# 337

Delta R.T. 0.000 min

Lab File: VV030705.D

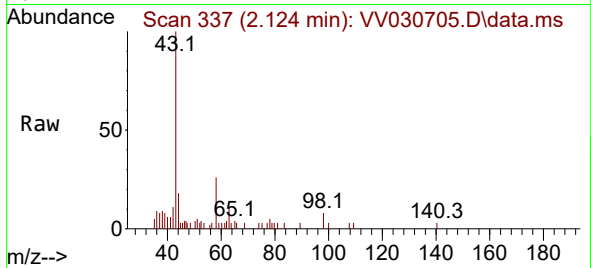
Acq: 20 Apr 2023 10:36

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6



Tgt Ion: 43 Resp: 6829

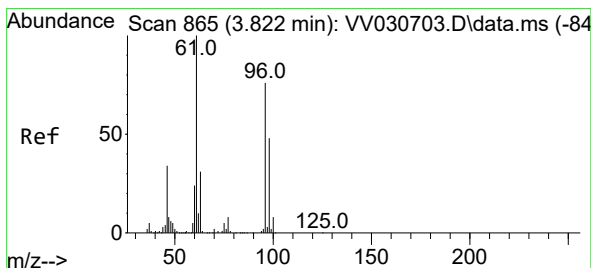
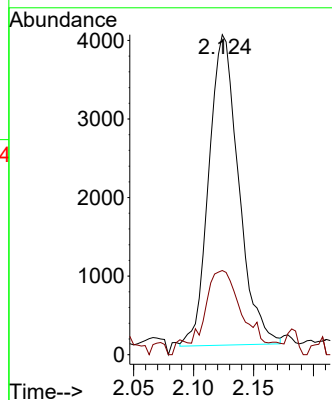
Ion	Ratio	Lower	Upper
43	100		
58	24.0	0.0	52.8

Manual Integrations

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#20

cis-1,2-Dichloroethene

Concen: 11.442 ug/L

RT: 3.828 min Scan# 867

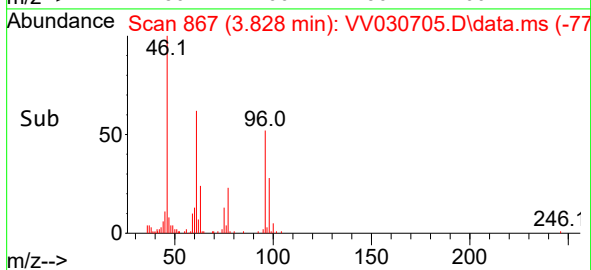
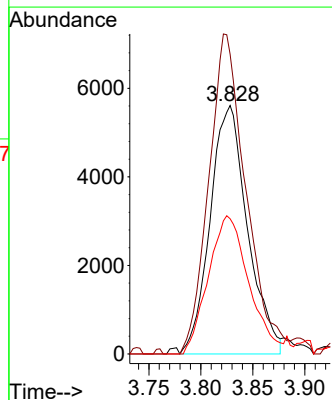
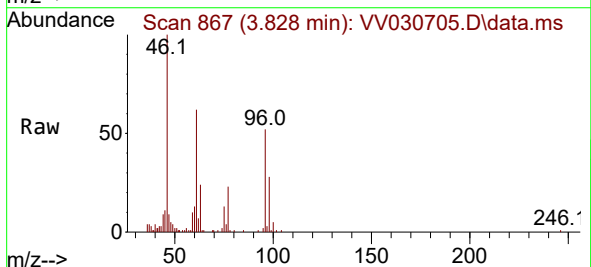
Delta R.T. 0.006 min

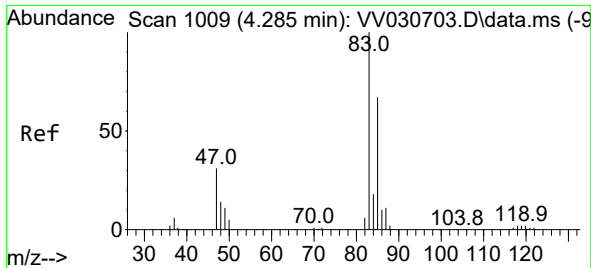
Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

Tgt Ion: 96 Resp: 14042

Ion	Ratio	Lower	Upper
96	100		
61	120.6	92.3	171.3
98	54.4	45.9	85.3





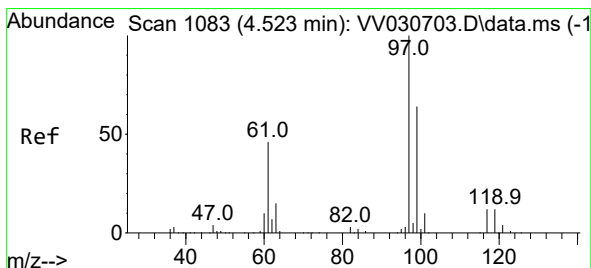
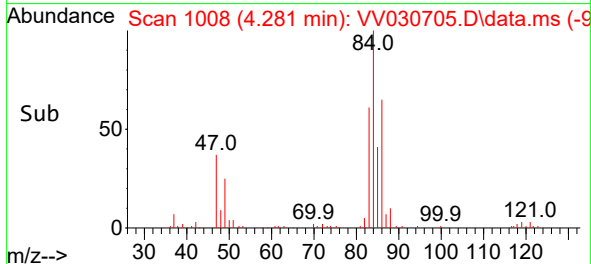
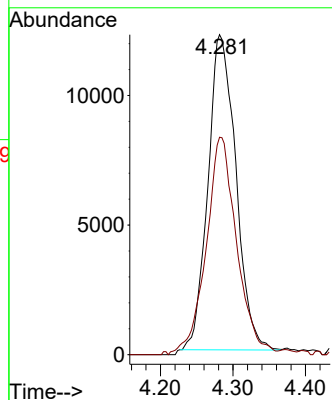
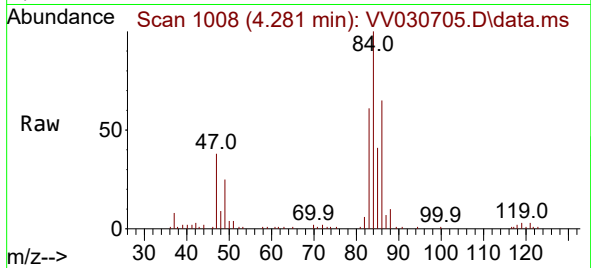
#25
Chloroform
Concen: 13.664 ug/L
RT: 4.281 min Scan# 1009
Delta R.T. -0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

Instrument :
MSVOA_V
ClientSampleId :
C0AQ6

Tgt Ion: 83 Resp: 3253
Ion Ratio Lower Upper
83 100
85 68.0 45.8 85.2

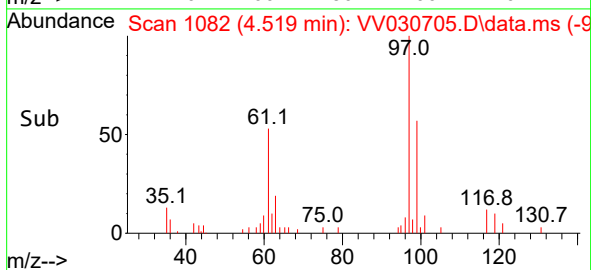
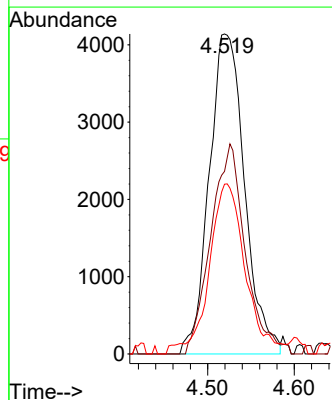
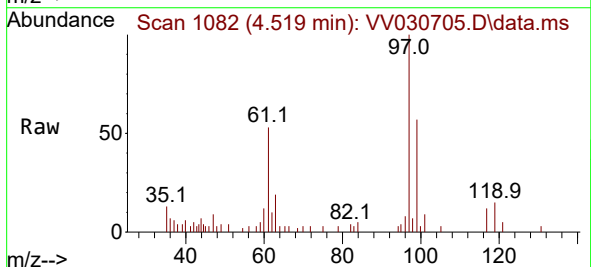
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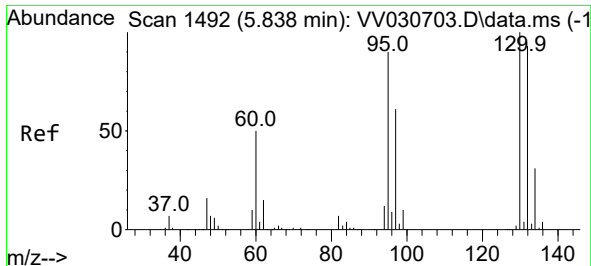
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#30
1,1,1-Trichloroethane
Concen: 5.445 ug/L
RT: 4.519 min Scan# 1082
Delta R.T. -0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

Tgt Ion: 97 Resp: 11750
Ion Ratio Lower Upper
97 100
99 63.7 51.4 77.0
61 44.6 37.0 55.6





#34

Trichloroethene

Concen: 103.713 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.000 min

Lab File: VV030705.D

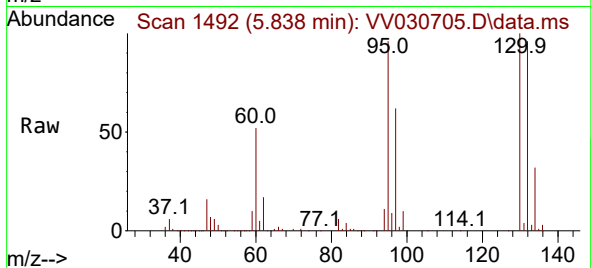
Acq: 20 Apr 2023 10:36

Instrument :

MSVOA_V

ClientSampleId :

C0AQ6



Tgt Ion: 95 Resp: 12581

Ion Ratio Lower Upper

95 100

97 64.4 45.8 85.2

132 100.7 70.6 131.2

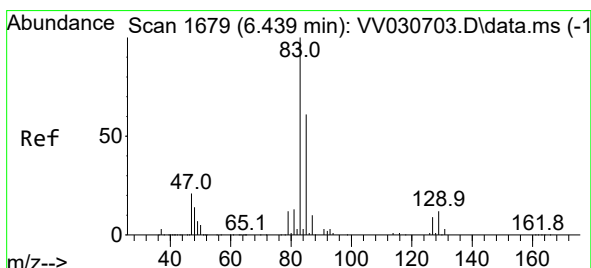
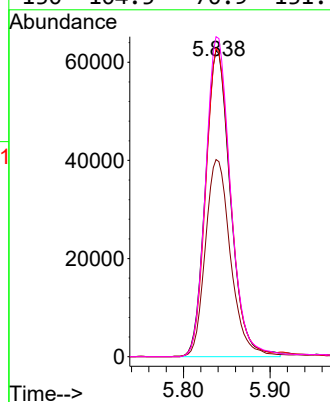
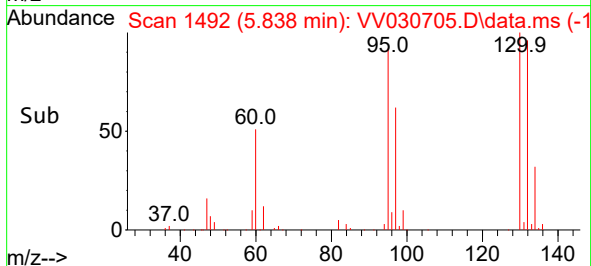
130 104.5 70.9 131.7

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#38

Bromodichloromethane

Concen: 1.268 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.003 min

Lab File: VV030705.D

Acq: 20 Apr 2023 10:36

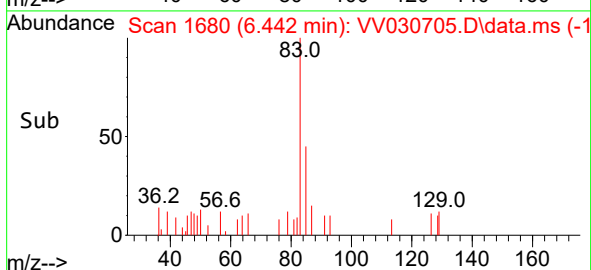
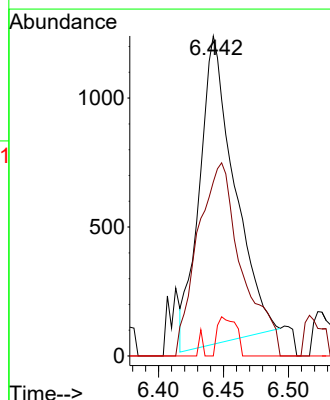
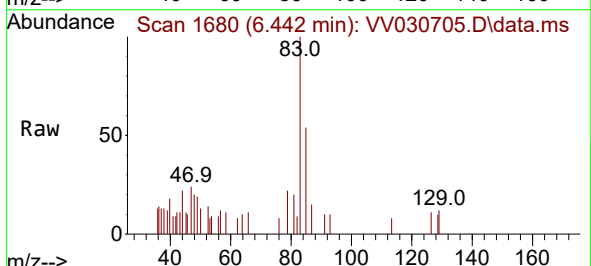
Tgt Ion: 83 Resp: 2236

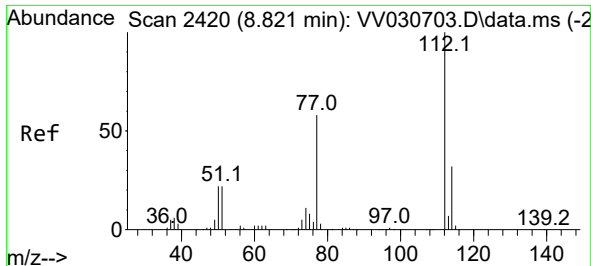
Ion Ratio Lower Upper

83 100

85 54.4 45.4 84.4

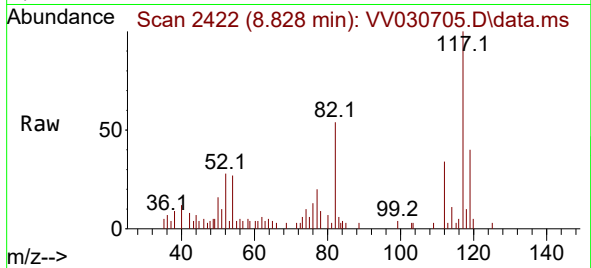
127 0.0 7.0 10.4#





#51
Chlorobenzene
Concen: 0.724 ug/L
RT: 8.828 min Scan# 2420
Delta R.T. 0.006 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

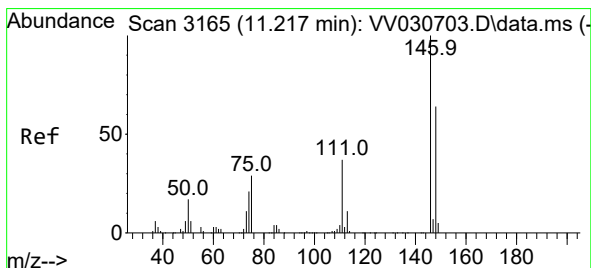
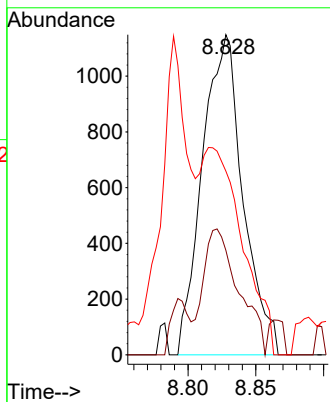
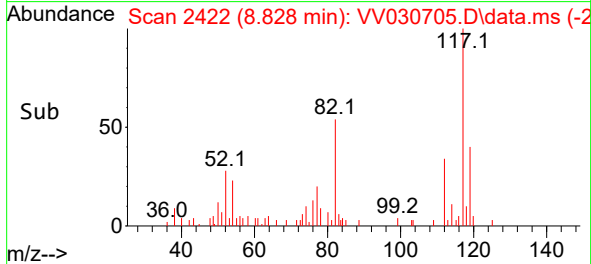
Instrument :
MSVOA_V
ClientSampleId :
C0AQ6



Tgt Ion:112 Resp: 2390
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 57.4 47.4 71.0

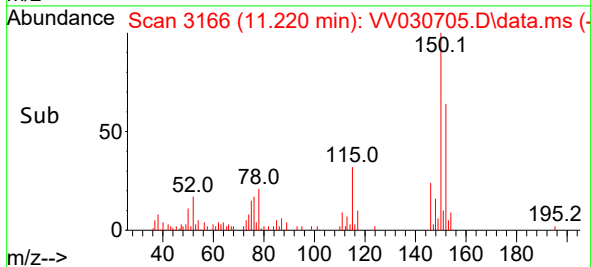
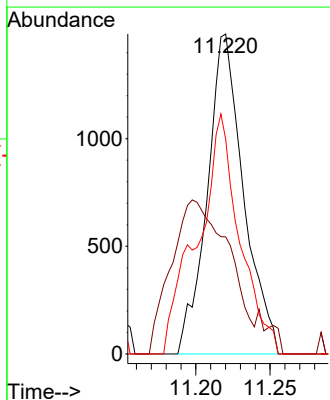
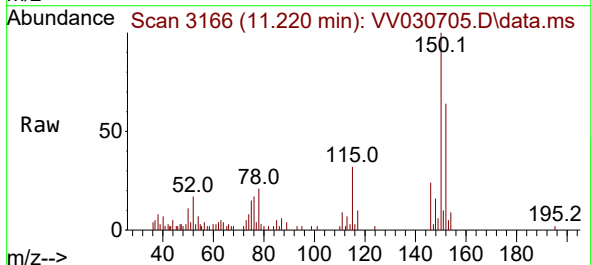
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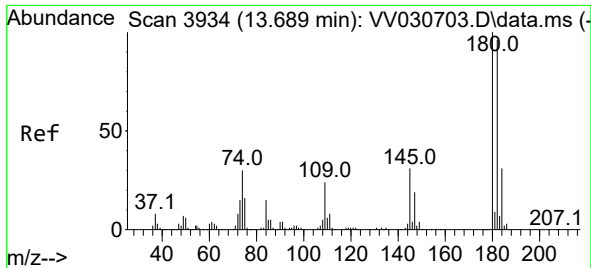
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#65
1,4-Dichlorobenzene
Concen: 1.061 ug/L
RT: 11.220 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VV030705.D
Acq: 20 Apr 2023 10:36

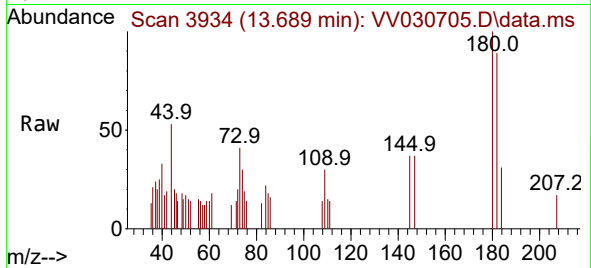
Tgt Ion:146 Resp: 2529
Ion Ratio Lower Upper
146 100
111 36.6 26.5 49.1
148 67.0 44.7 83.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.935 ug/L
 RT: 13.689 min Scan# 3934
 Delta R.T. 0.000 min
 Lab File: VV030705.D
 Acq: 20 Apr 2023 10:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AQ6



Tgt Ion:	180	Resp:	1344
Ion	Ratio	Lower	Upper
180	100		
182	87.2	76.2	114.4
145	28.9	25.1	37.7

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