

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
 Data File : VX042229.D
 Acq On : 08 Jul 2024 11:27
 Operator : JC/MD
 Sample : P3100-16ME
 Misc : 4.48g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D07ME

Quant Time: Jul 09 02:36:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 09 02:35:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/09/2024
 Supervised By : Mahesh Dadoda 07/09/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	269204	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	245571	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124814	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.392	65	48275m	30.809	ug/L	0.02
Spiked Amount 50.000	Range 60 - 135		Recovery =	61.620%		
7) Chloroethane-d5	1.648	69	32798m	33.244	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	66.480%#		
11) 1,1-Dichloroethene-d2	2.276	65	22189	32.356	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.720%		
21) 2-Butanone-d5	4.489	46	86513	76.615	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.610%		
24) Chloroform-d	5.056	84	112793	35.801	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	71.600%		
26) 1,2-Dichloroethane-d4	5.952	65	73984	39.785	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.560%		
32) Benzene-d6	5.964	84	241160	37.993	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.980%		
36) 1,2-Dichloropropane-d6	7.305	67	75081	39.305	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.620%		
41) Toluene-d8	8.647	98	225911	38.192	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.380%#		
43) trans-1,3-Dichloroprop...	8.951	79	30215	36.599	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.200%		
47) 2-Hexanone-d5	9.390	63	69998	80.729	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.730%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	110043	38.966	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.940%		
66) 1,2-Dichlorobenzene-d4	12.323	152	97777	40.332	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.660%		
Target Compounds						Qvalue
29) Cyclohexane	5.452	56	3453	1.301	ug/L	98
35) Methylcyclohexane	7.372	83	10510	3.853	ug/L	97
46) Tetrachloroethene	9.275	164	10796	6.412	ug/L	96
53) m,p-Xylene	10.305	106	3975	1.240	ug/L	97

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

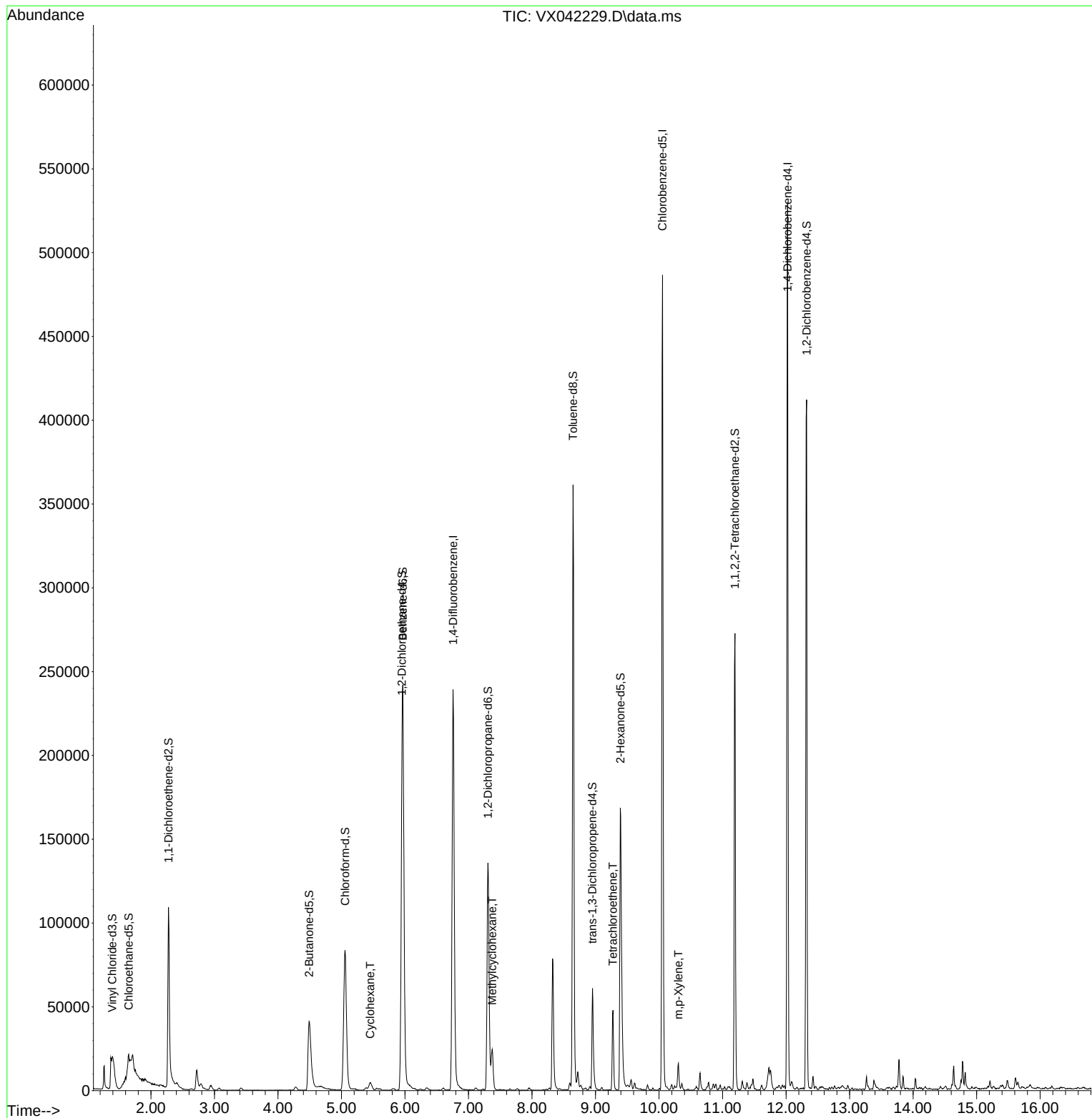
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070824\
Data File : VX042229.D
Acq On : 08 Jul 2024 11:27
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ALS Vial : 5 Sample Multiplier: 1

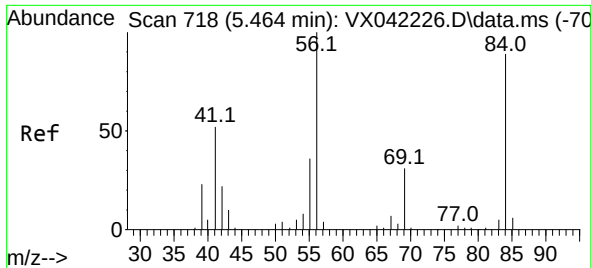
Instrument :
MSVOA_X
ClientSampleId :
A4D07ME

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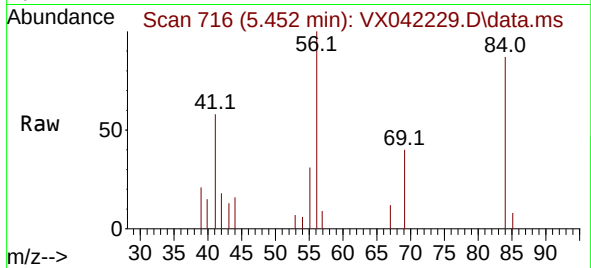
Quant Time: Jul 09 02:36:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 09 02:35:21 2024
Response via : Initial Calibration





#29
Cyclohexane
Concen: 1.301 ug/L
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX042229.D
Acq: 08 Jul 2024 11:27

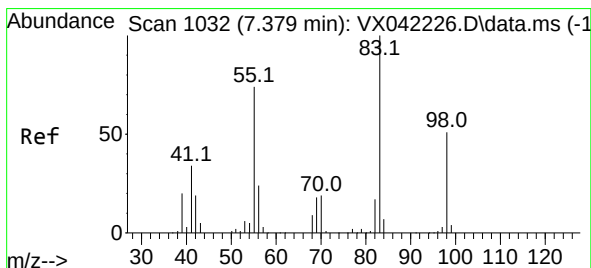
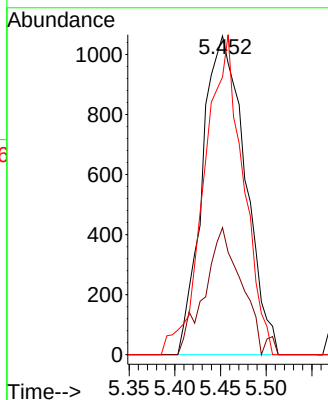
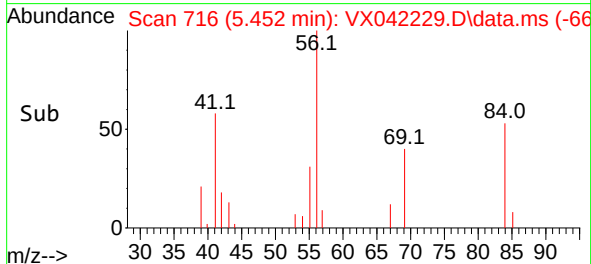
Instrument :
MSVOA_X
ClientSampleId :
A4D07ME



Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
69 33.7 25.3 37.9
84 90.6 74.0 111.0

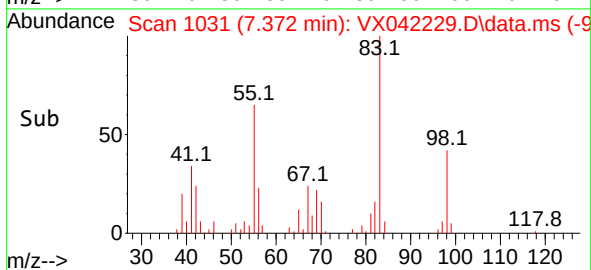
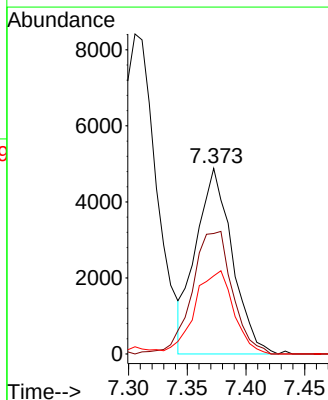
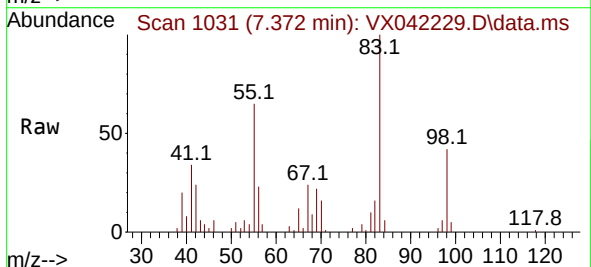
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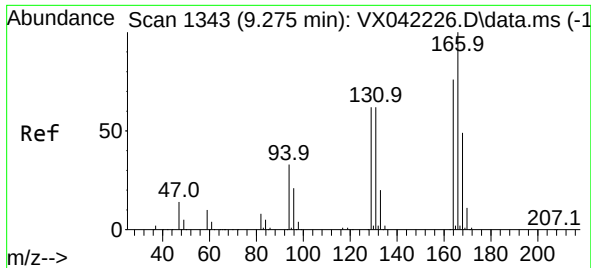
Reviewed By :John Carlone 07/09/2024
Supervised By :Mahesh Dadoda 07/09/2024



#35
Methylcyclohexane
Concen: 3.853 ug/L
RT: 7.372 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042229.D
Acq: 08 Jul 2024 11:27

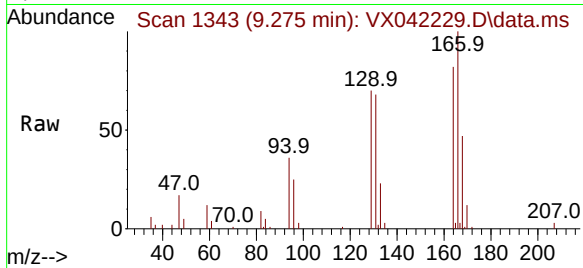
Tgt Ion: 83 Resp: 10510
Ion Ratio Lower Upper
83 100
55 72.9 56.4 84.6
98 47.6 40.4 60.6





#46
Tetrachloroethene
Concen: 6.412 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX042229.D
Acq: 08 Jul 2024 11:27

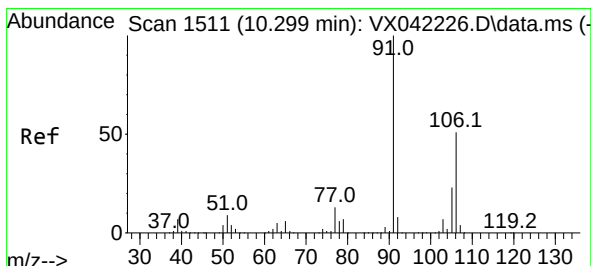
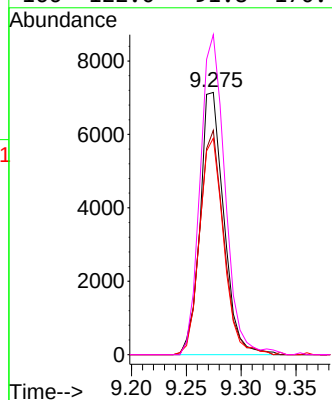
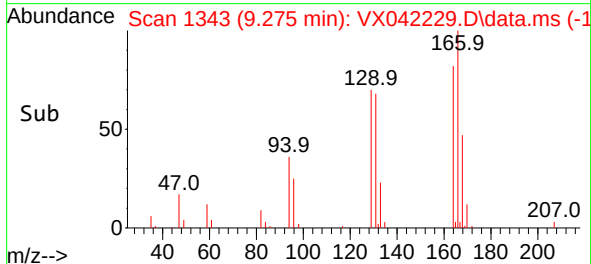
Instrument :
MSVOA_X
ClientSampleId :
A4D07ME



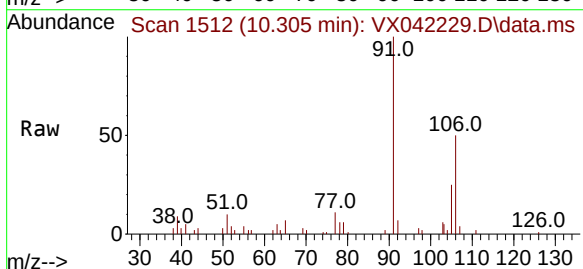
Tgt Ion:164 Resp: 10790
Ion Ratio Lower Upper
164 100
129 85.5 58.6 108.8
131 82.5 57.9 107.5
166 122.0 91.8 170.4

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#53
m,p-Xylene
Concen: 1.240 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042229.D
Acq: 08 Jul 2024 11:27



Tgt Ion:106 Resp: 3975
Ion Ratio Lower Upper
106 100
91 200.0 136.4 253.2

