

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
 Data File : VX025112.D
 Acq On : 09 Nov 2021 11:21
 Operator : JC/MD
 Sample : M4464-11ME 10X
 Misc : 7.41g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K9ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 10 02:51:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 10 02:50:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159181	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	140980	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57049	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48127	33.436	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.880%		
7) Chloroethane-d5	1.666	69	56688	62.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	125.640%		
11) 1,1-Dichloroethene-d2	2.306	63	76267	27.509	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.020%#		
21) 2-Butanone-d5	4.465	46	77234	78.076	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.080%		
24) Chloroform-d	5.062	84	95316	33.684	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.360%#		
26) 1,2-Dichloroethane-d4	5.964	65	73226m	39.557	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.120%		
32) Benzene-d6	5.976	84	164886	32.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	65.700%#		
36) 1,2-Dichloropropane-d6	7.312	67	54156	36.614	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.220%		
41) Toluene-d8	8.653	98	147486	34.953	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	69.900%#		
43) trans-1,3-Dichloroprop...	8.952	79	26541	33.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.240%		
47) 2-Hexanone-d5	9.390	63	51538m	81.573	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.570%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	68397	33.407	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	66.820%		
66) 1,2-Dichlorobenzene-d4	12.323	152	42921	38.384	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.760%#		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4376	3.387	ug/L #	86
19) 1,1-Dichloroethane	3.617	63	5446	2.261	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	22938	17.169	ug/L	74
29) Cyclohexane	5.464	56	2307m	1.069	ug/L	
30) 1,1,1-Trichloroethane	5.397	97	4190m	1.641	ug/L	
42) Toluene	8.720	91	200312	39.664	ug/L	98
46) Tetrachloroethene	9.275	164	2627	3.511	ug/L #	64
52) Ethylbenzene	10.195	91	8066	1.486	ug/L	95
53) m,p-Xylene	10.305	106	5425	2.747	ug/L	66
54) o-Xylene	10.640	106	2582	1.382	ug/L	94
63) 1,2,4-Trimethylbenzene	11.756	105	4919	1.273	ug/L	99

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

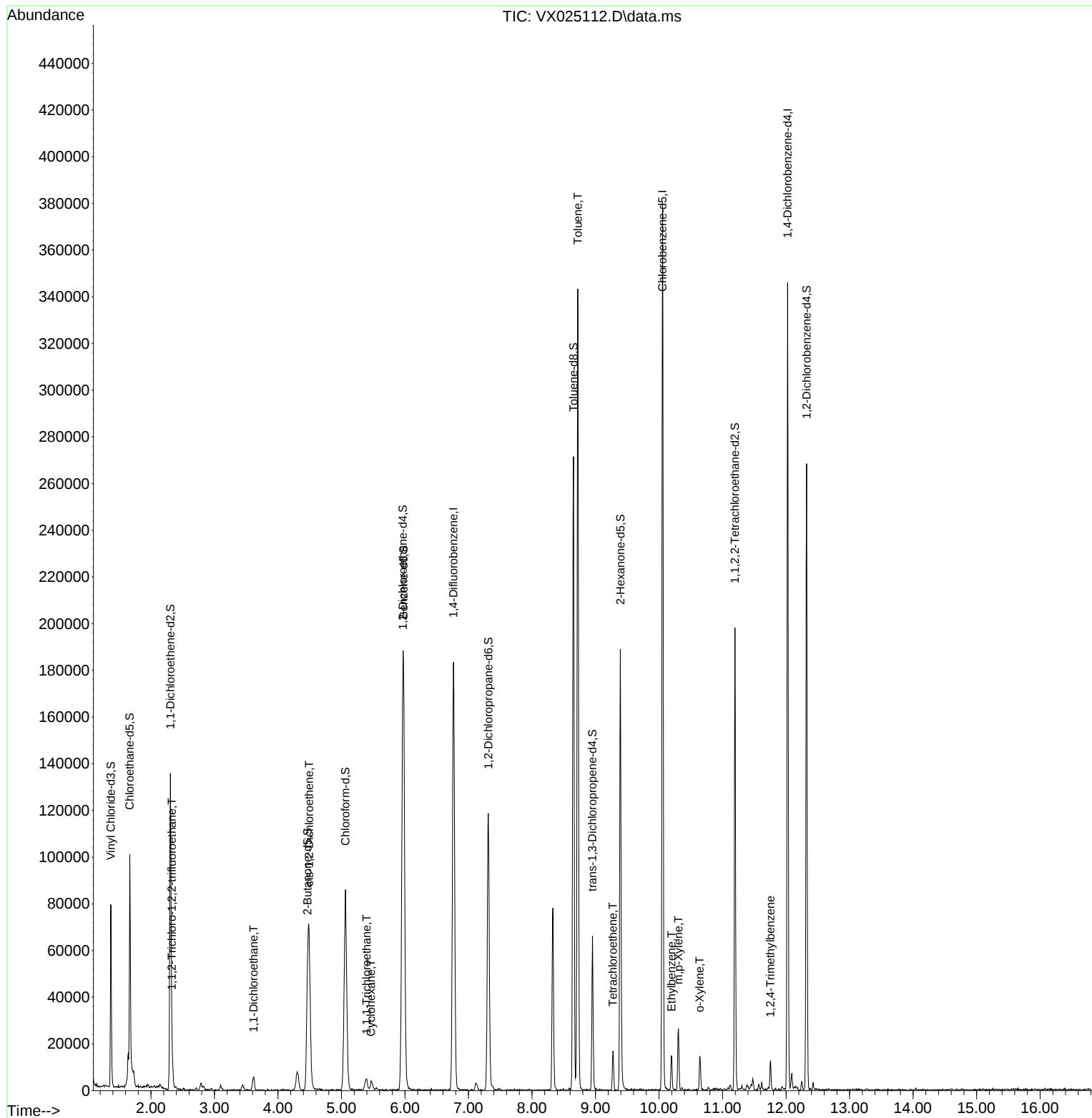
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025112.D
Acq On : 09 Nov 2021 11:21
Operator : JC/MD
Sample : M4464-11ME 10X
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ALS Vial : 5 Sample Multiplier: 1

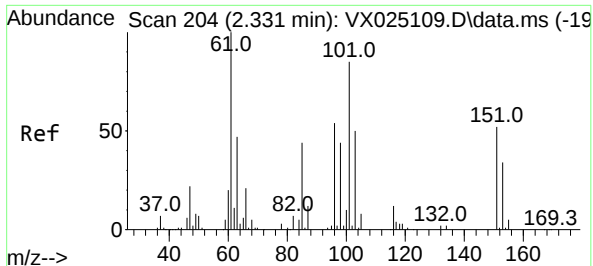
Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME

Quant Time: Nov 10 02:51:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 10 02:50:07 2021
Response via : Initial Calibration

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Supervised By :Mahesh Dadoda 11/10/2021





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.387 ug/L

RT: 2.331 min Scan# 204

Delta R.T. 0.000 min

Lab File: VX025112.D

Acq: 09 Nov 2021 11:21

Instrument :

MSVOA_X

ClientSampleId :

GB7K9ME

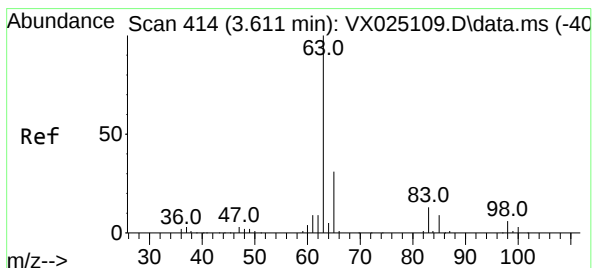
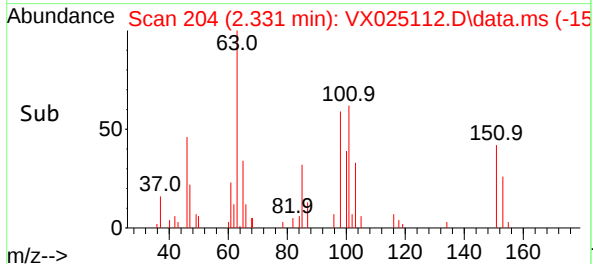
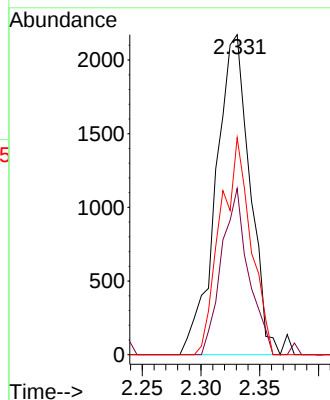
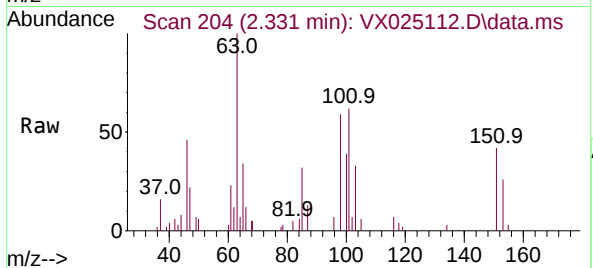
Tgt Ion:	101	Resp:	4370
Ion Ratio	Lower	Upper	
101	100		
85	41.3	35.3	52.9
151	60.7	62.3	93.5

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#19

1,1-Dichloroethane

Concen: 2.261 ug/L

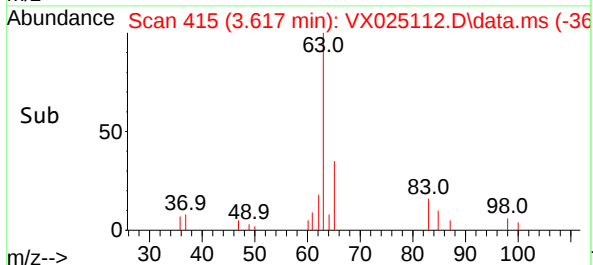
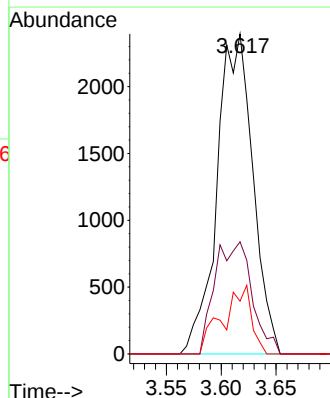
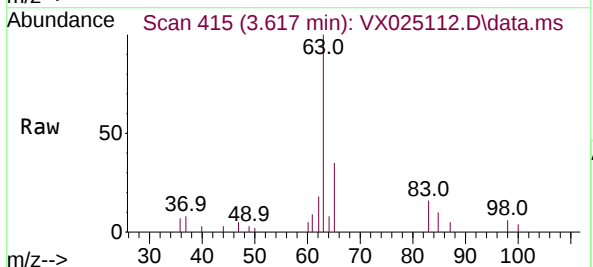
RT: 3.617 min Scan# 415

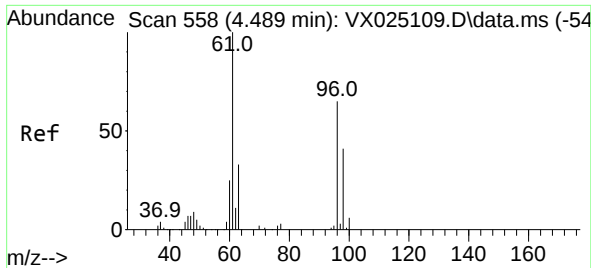
Delta R.T. 0.006 min

Lab File: VX025112.D

Acq: 09 Nov 2021 11:21

Tgt Ion:	63	Resp:	5446
Ion Ratio	Lower	Upper	
63	100		
65	35.0	24.5	45.5
83	16.5	11.7	21.7





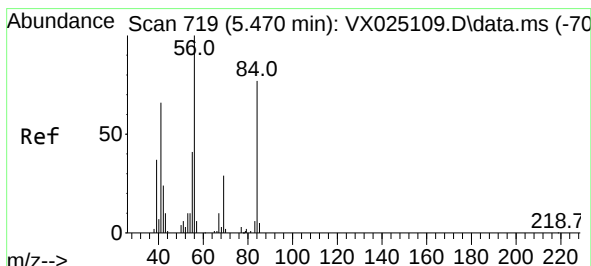
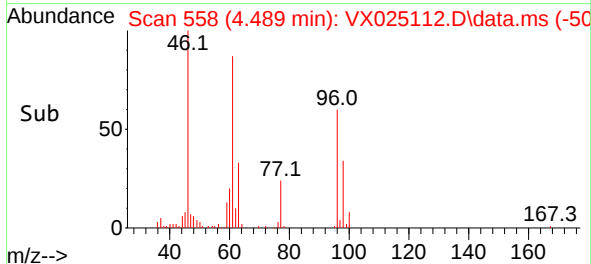
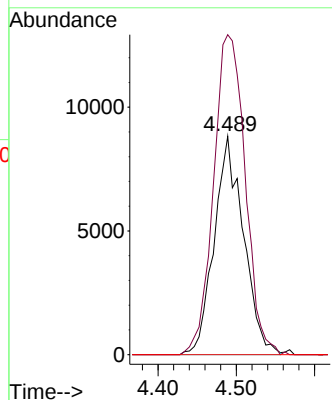
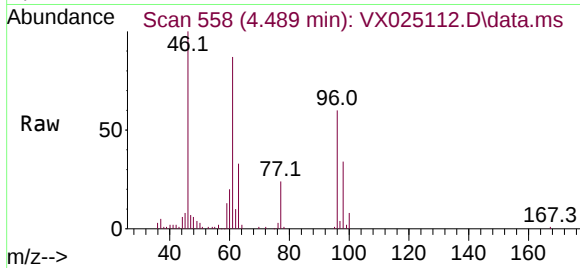
#20
 cis-1,2-Dichloroethene
 Concen: 17.169 ug/L
 RT: 4.489 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VX025112.D
 Acq: 09 Nov 2021 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K9ME

Tgt Ion: 96 Resp: 22938
 Ion Ratio Lower Upper
 96 100
 61 146.5 82.6 153.4
 68 0.0 0.0 0.0

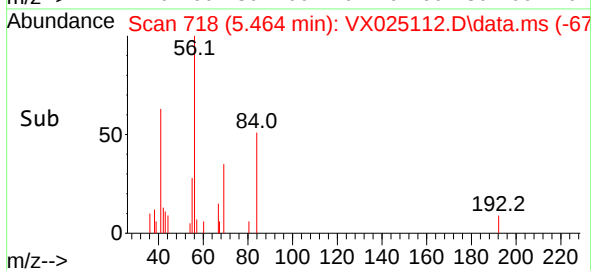
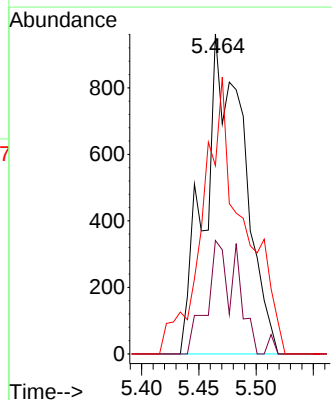
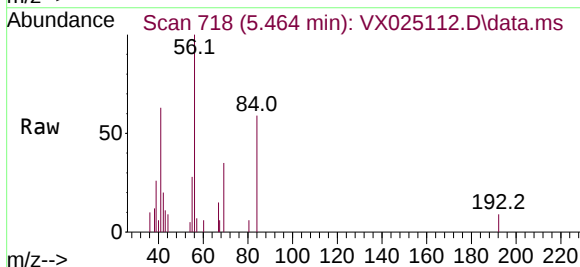
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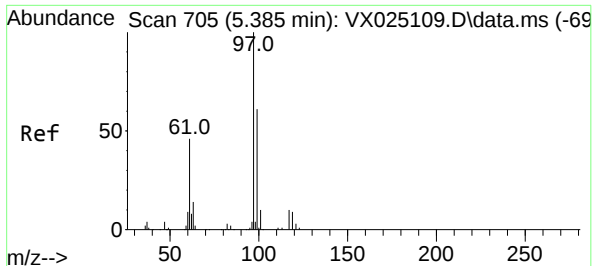
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#29
 Cyclohexane
 Concen: 1.069 ug/L m
 RT: 5.464 min Scan# 718
 Delta R.T. -0.006 min
 Lab File: VX025112.D
 Acq: 09 Nov 2021 11:21

Tgt Ion: 56 Resp: 2307
 Ion Ratio Lower Upper
 56 100
 69 12.3 30.8 46.2#
 84 0.0 86.8 130.2#





#30

1,1,1-Trichloroethane

Concen: 1.641 ug/L m

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025112.D

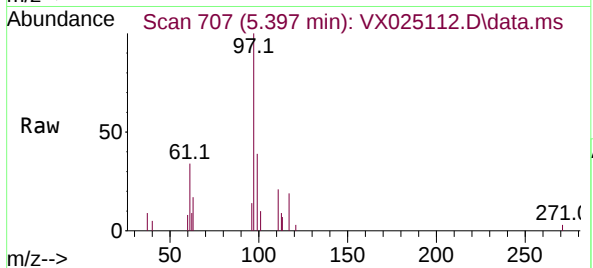
Acq: 09 Nov 2021 11:21

Instrument :

MSVOA_X

ClientSampleId :

GB7K9ME



Tgt Ion: 97 Resp: 4190

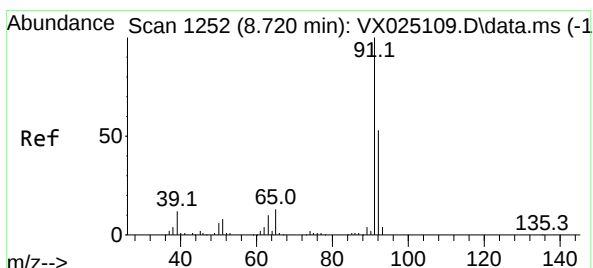
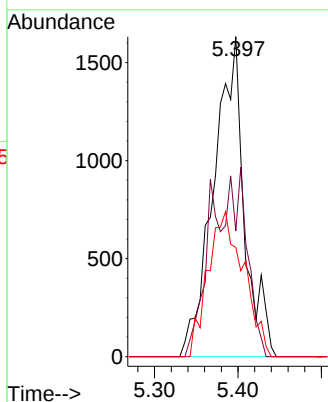
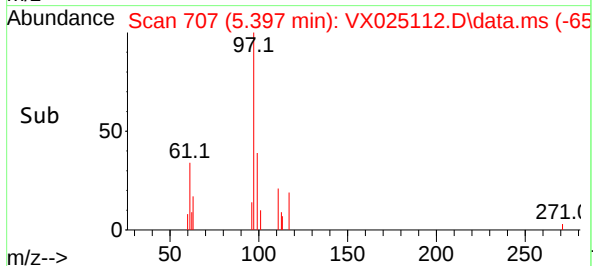
Ion	Ratio	Lower	Upper
97	100		
99	27.9	53.1	79.7
61	52.6	26.3	39.5

Manual Integrations

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Supervised By :Mahesh Dadoda 11/10/2021



#42

Toluene

Concen: 39.664 ug/L

RT: 8.720 min Scan# 1252

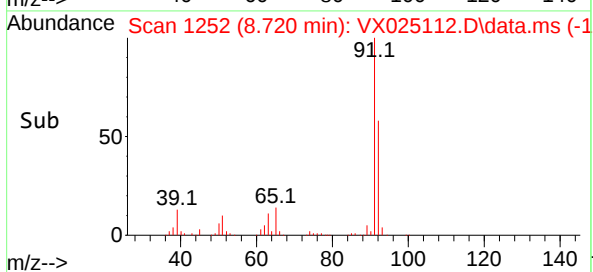
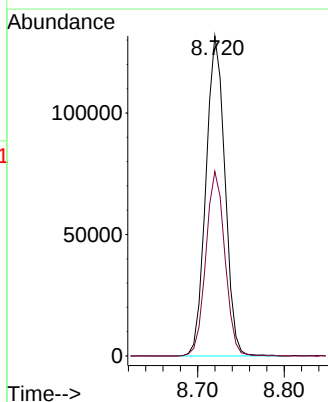
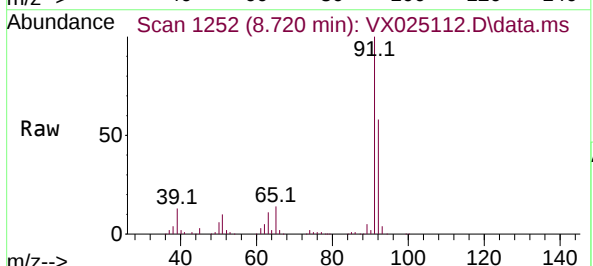
Delta R.T. 0.000 min

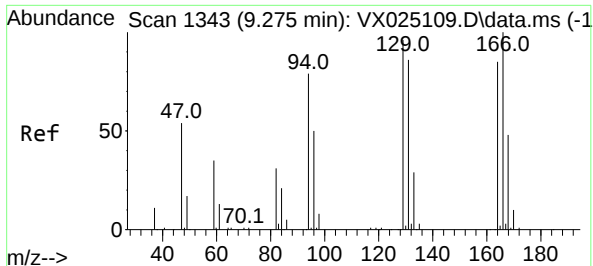
Lab File: VX025112.D

Acq: 09 Nov 2021 11:21

Tgt Ion: 91 Resp: 200312

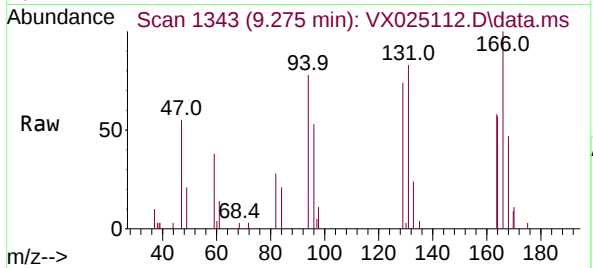
Ion	Ratio	Lower	Upper
91	100		
92	57.7	39.3	72.9





#46
Tetrachloroethene
Concen: 3.511 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025112.D
Acq: 09 Nov 2021 11:21

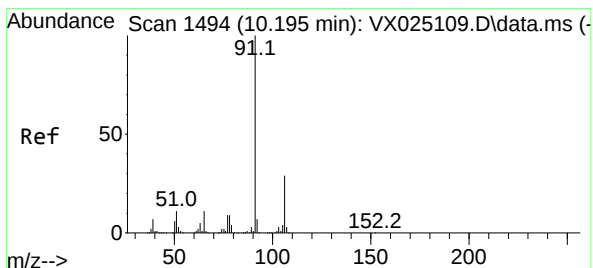
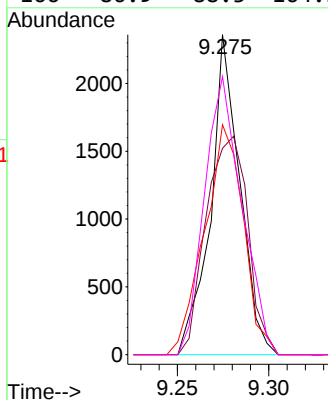
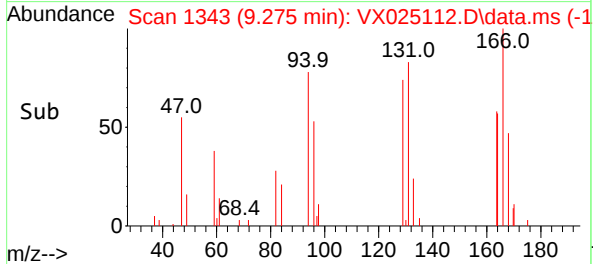
Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME



Tgt Ion:164 Resp: 262
Ion Ratio Lower Upper
164 100
129 64.5 78.5 145.7
131 71.9 70.5 130.9
166 86.9 88.3 164.1#

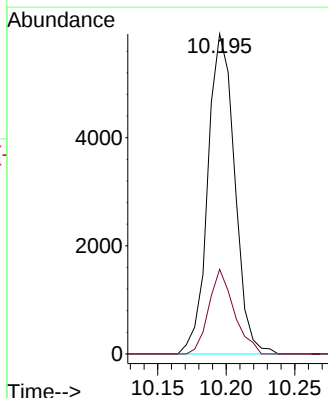
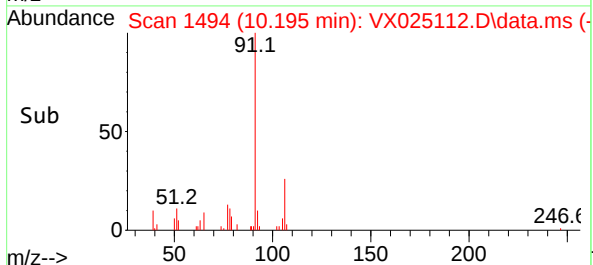
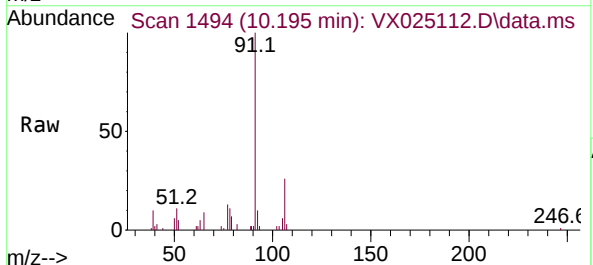
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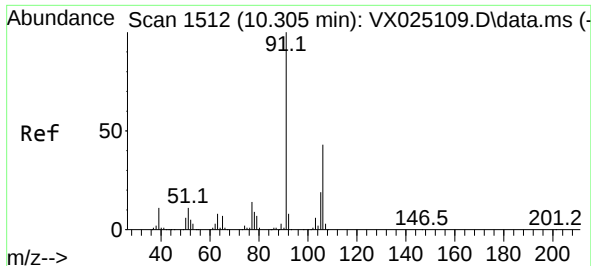
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#52
Ethylbenzene
Concen: 1.486 ug/L
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX025112.D
Acq: 09 Nov 2021 11:21

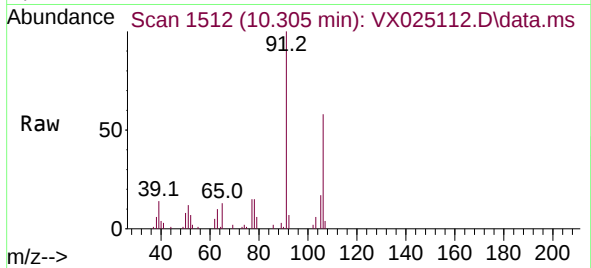
Tgt Ion: 91 Resp: 8066
Ion Ratio Lower Upper
91 100
106 26.4 20.2 37.6





#53
m,p-Xylene
Concen: 2.747 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX025112.D
Acq: 09 Nov 2021 11:21

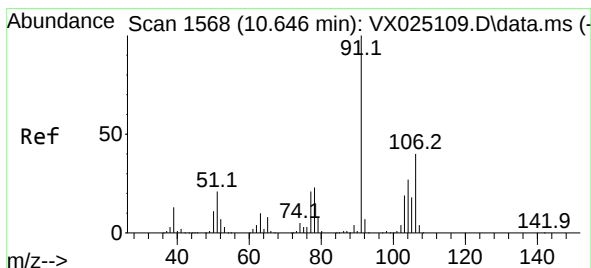
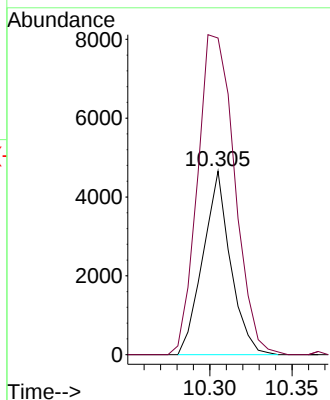
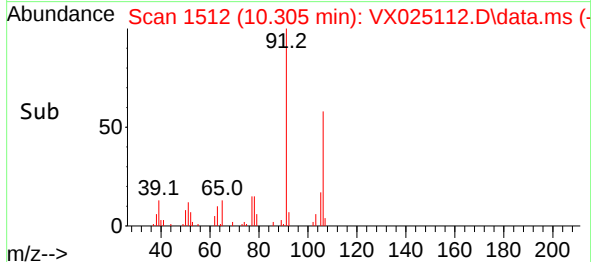
Instrument :
MSVOA_X
ClientSampleId :
GB7K9ME



Tgt Ion:106 Resp: 5429
Ion Ratio Lower Upper
106 100
91 172.6 160.2 297.6

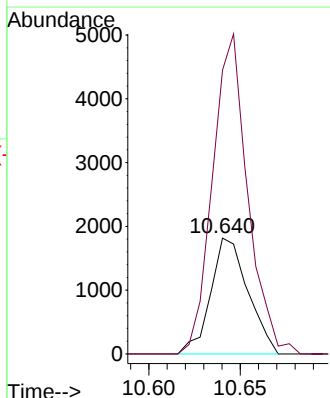
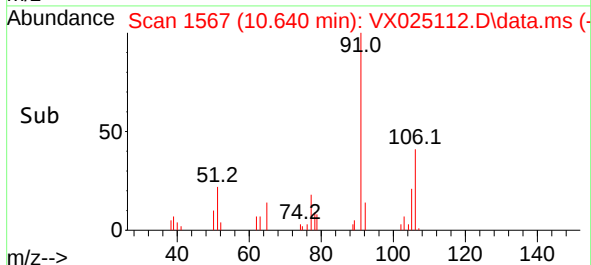
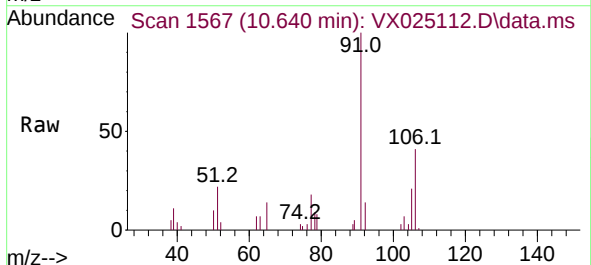
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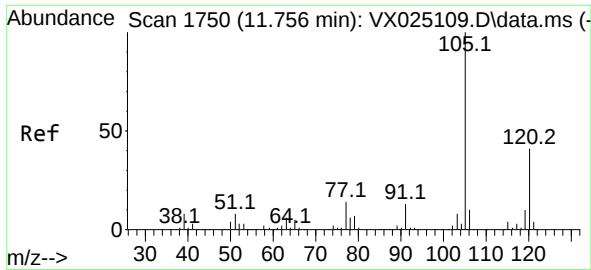
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021



#54
o-Xylene
Concen: 1.382 ug/L
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX025112.D
Acq: 09 Nov 2021 11:21

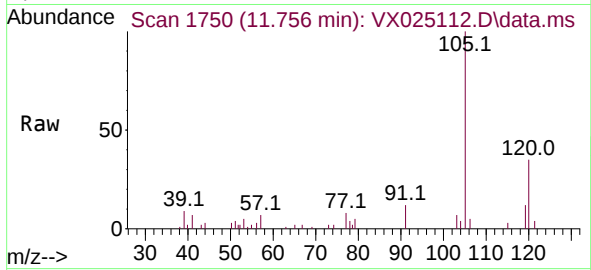
Tgt Ion:106 Resp: 2582
Ion Ratio Lower Upper
106 100
91 245.2 164.4 305.4





#63
 1,2,4-Trimethylbenzene
 Concen: 1.273 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX025112.D
 Acq: 09 Nov 2021 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K9ME



Tgt Ion:105 Resp: 4919
 Ion Ratio Lower Upper
 105 100
 120 38.1 31.0 46.6

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