

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
 Data File : VX025118.D
 Acq On : 09 Nov 2021 13:48
 Operator : JC/MD
 Sample : M4464-05ME 10X
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME

Manual Integrations
 APPROVED

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

Quant Time: Nov 10 02:52:47 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	6.769	114	144428	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	130025	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	51872	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52194	39.966	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.940%		
7) Chloroethane-d5	1.666	69	67033	81.874	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	163.740%#		
11) 1,1-Dichloroethene-d2	2.307	63	85042	33.807	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.620%		
21) 2-Butanone-d5	4.471	46	96995	108.068	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.070%		
24) Chloroform-d	5.062	84	112717	43.902	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.800%		
26) 1,2-Dichloroethane-d4	5.958	65	83631	49.792	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.580%		
32) Benzene-d6	5.983	84	189672	40.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.940%		
36) 1,2-Dichloropropane-d6	7.312	67	64579	47.340	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	8.653	98	172098	44.222	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.440%		
43) trans-1,3-Dichloroprop...	8.952	79	33510	46.025	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.040%		
47) 2-Hexanone-d5	9.391	63	66958	114.909	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.910%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	82147	43.503	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.000%		
66) 1,2-Dichlorobenzene-d4	12.323	152	49572	48.756	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.520%		
Target Compounds						
5) Vinyl chloride	1.374	62	1291	1.037	ug/L	# 1
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	2816m	2.402	ug/L	
12) 1,1-Dichloroethene	2.307	96	1346	1.305	ug/L	# 1
19) 1,1-Dichloroethane	3.605	63	4525	2.070	ug/L	# 88
20) cis-1,2-Dichloroethene	4.495	96	37198	30.687	ug/L	71
30) 1,1,1-Trichloroethane	5.391	97	24153	10.254	ug/L	# 86
34) Trichloroethene	7.129	95	4944	3.967	ug/L	83
42) Toluene	8.720	91	205237	44.064	ug/L	98
53) m,p-Xylene	10.299	106	2697	1.481	ug/L	95
63) 1,2,4-Trimethylbenzene	11.756	105	4082	1.162	ug/L	89

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

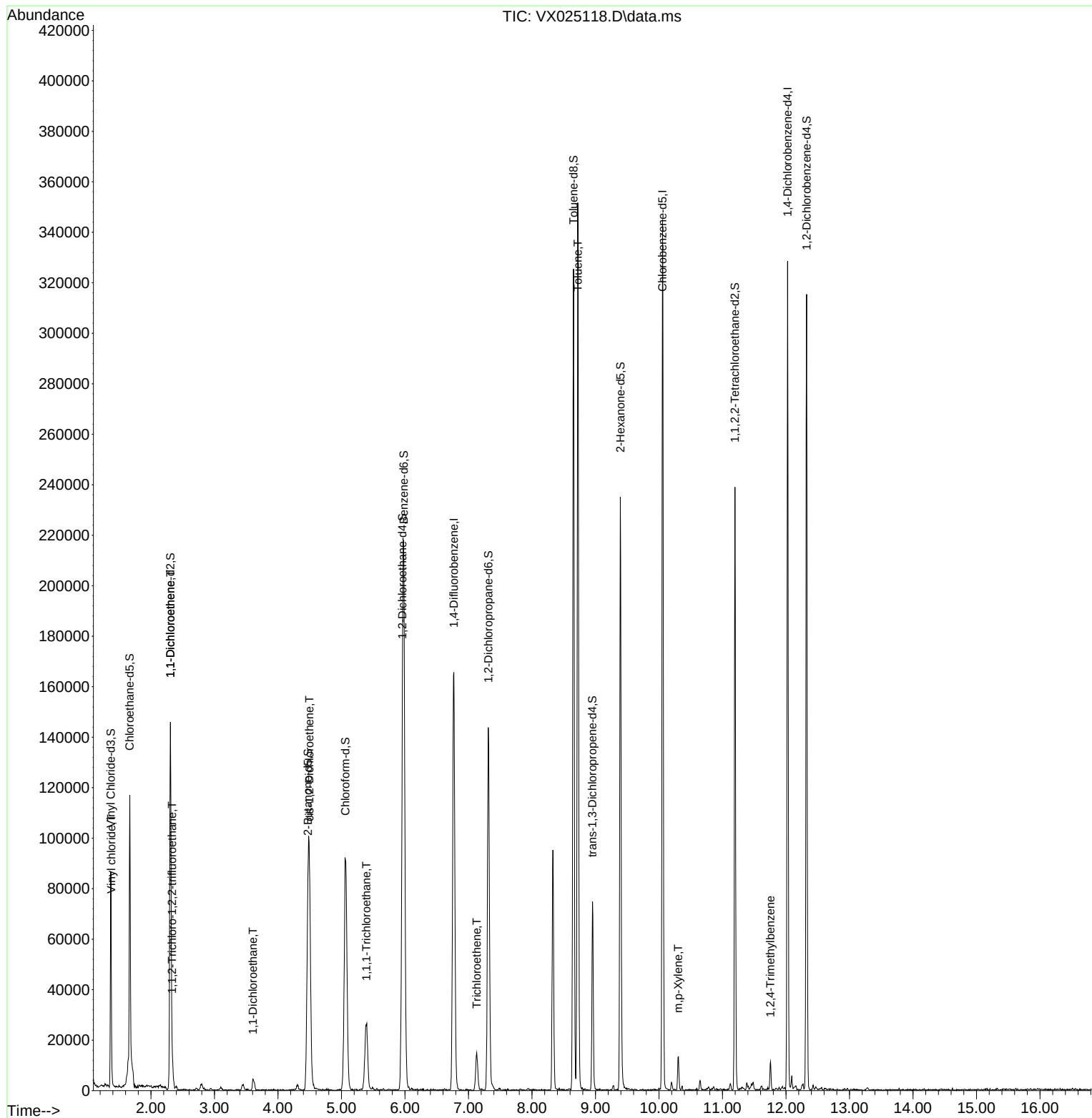
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110921\
Data File : VX025118.D
Acq On : 09 Nov 2021 13:48
Operator : JC/MD
Sample : M4464-05ME 10X
Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
ALS Vial : 11 Sample Multiplier: 1

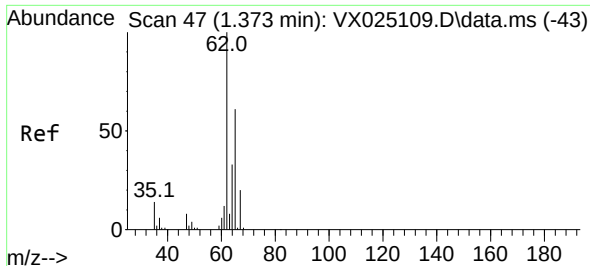
Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Quant Time: Nov 10 02:52:47 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

Manual Integrations
APPROVED

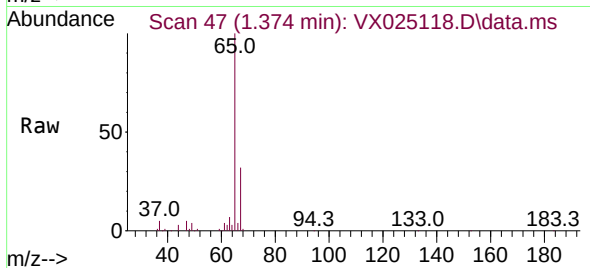
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021





#5
 Vinyl chloride
 Concen: 1.037 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX025118.D
 Acq: 09 Nov 2021 13:48

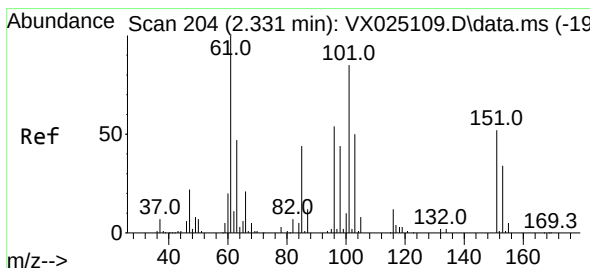
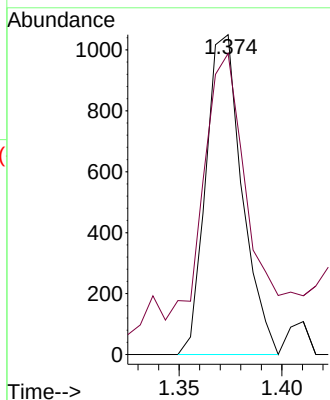
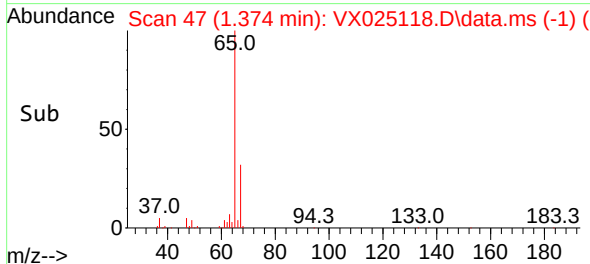
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME



Tgt Ion: 62 Resp: 129
 Ion Ratio Lower Upper
 62 100
 64 94.1 23.6 43.8

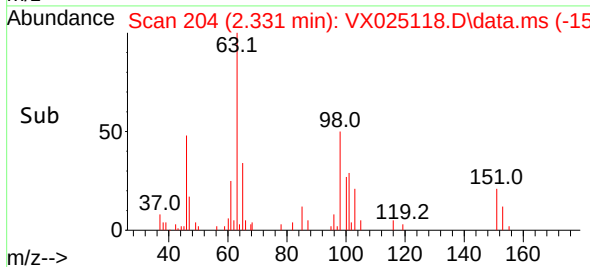
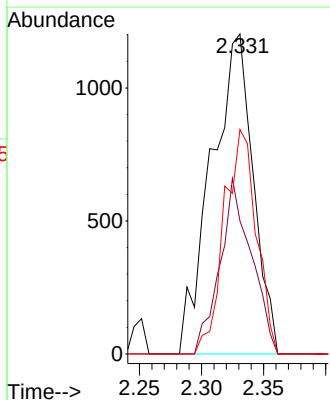
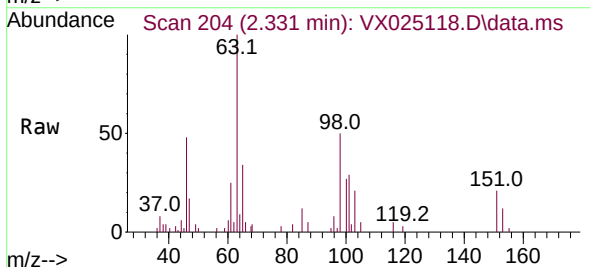
Manual Integrations
 APPROVED

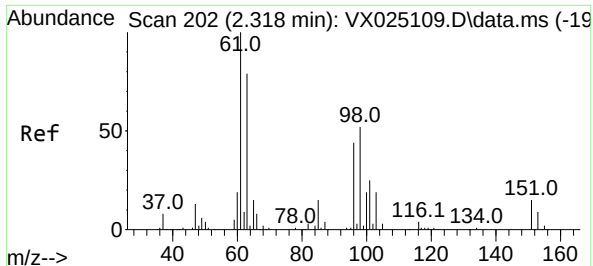
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.402 ug/L m
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX025118.D
 Acq: 09 Nov 2021 13:48

Tgt Ion:101 Resp: 2816
 Ion Ratio Lower Upper
 101 100
 85 41.2 35.3 52.9
 151 54.1 62.3 93.5





#12

1,1-Dichloroethene

Concen: 1.305 ug/L

RT: 2.307 min Scan# 202

Delta R.T. -0.012 min

Lab File: VX025118.D

Acq: 09 Nov 2021 13:48

Instrument :

MSVOA_X

ClientSampleId :

GB7K3ME

Tgt Ion: 96 Resp: 1340

Ion Ratio Lower Upper

96 100

61 1294.8 109.9 204.2

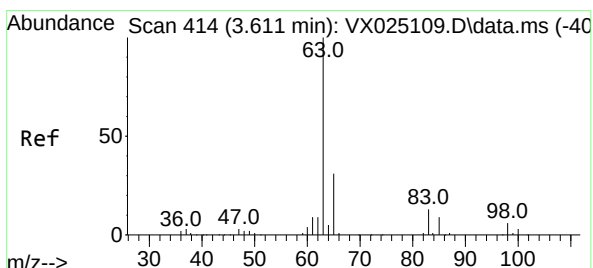
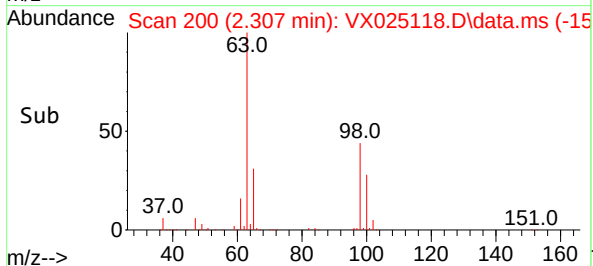
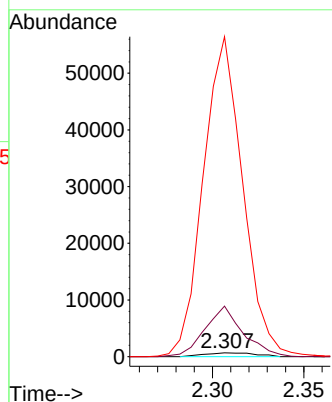
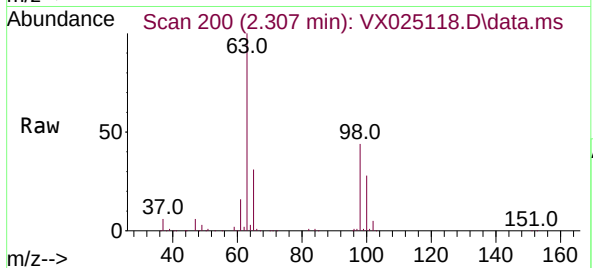
63 8204.7 92.4 171.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/10/2021

Supervised By :Mahesh Dadoda 11/10/2021



#19

1,1-Dichloroethane

Concen: 2.070 ug/L

RT: 3.605 min Scan# 413

Delta R.T. -0.006 min

Lab File: VX025118.D

Acq: 09 Nov 2021 13:48

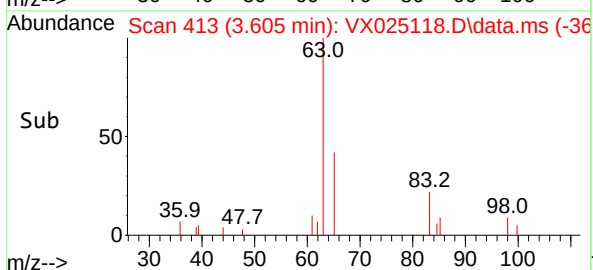
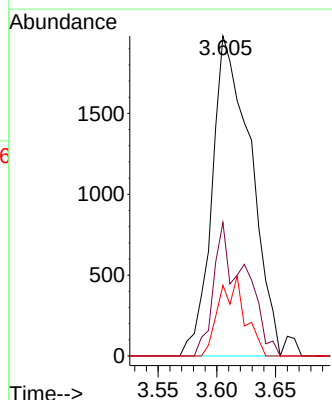
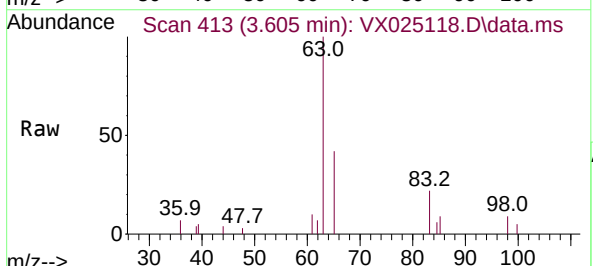
Tgt Ion: 63 Resp: 4525

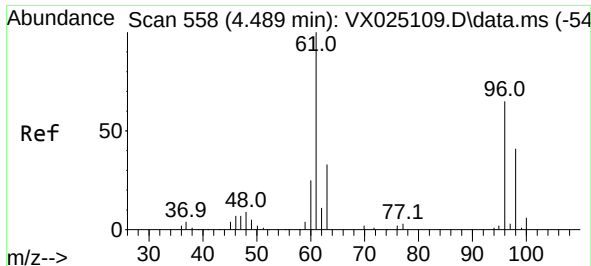
Ion Ratio Lower Upper

63 100

65 41.7 24.5 45.5

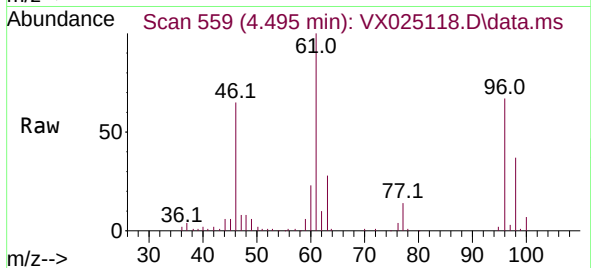
83 22.1 11.7 21.7#





#20
 cis-1,2-Dichloroethene
 Concen: 30.687 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX025118.D
 Acq: 09 Nov 2021 13:48

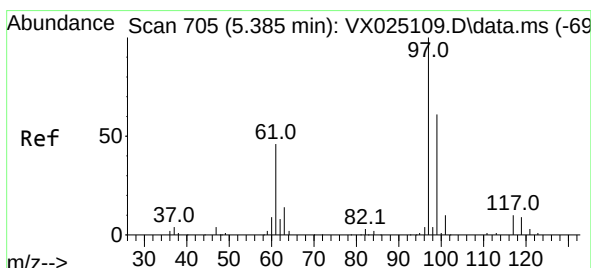
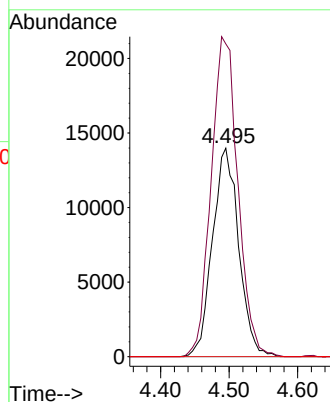
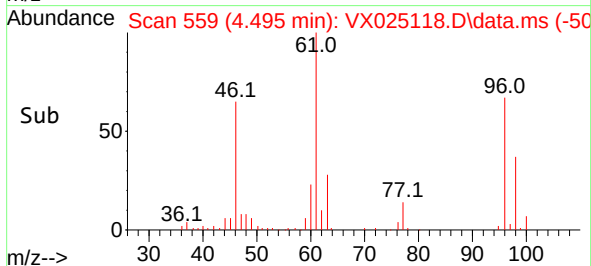
Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME



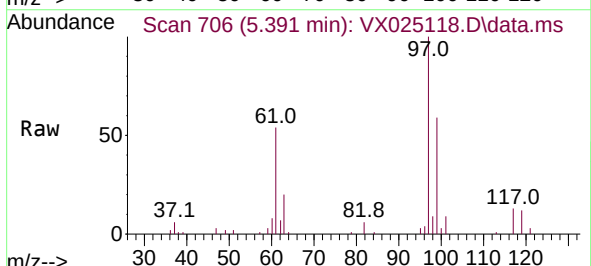
Tgt Ion: 96 Resp: 37198
 Ion Ratio Lower Upper
 96 100
 61 150.1 82.6 153.4
 68 0.0 0.0 0.0

Manual Integrations
 APPROVED

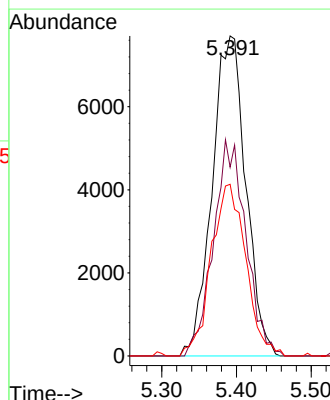
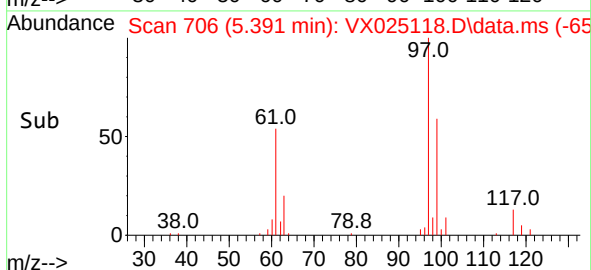
Reviewed By :John Carlone 11/10/2021
 Supervised By :Mahesh Dadoda 11/10/2021

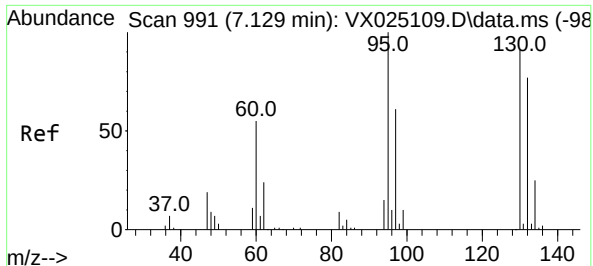


#30
 1,1,1-Trichloroethane
 Concen: 10.254 ug/L
 RT: 5.391 min Scan# 706
 Delta R.T. 0.006 min
 Lab File: VX025118.D
 Acq: 09 Nov 2021 13:48



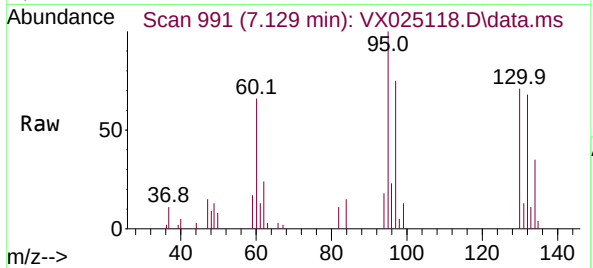
Tgt Ion: 97 Resp: 24153
 Ion Ratio Lower Upper
 97 100
 99 65.4 53.1 79.7
 61 55.2 26.3 39.5#





#34
Trichloroethene
Concen: 3.967 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

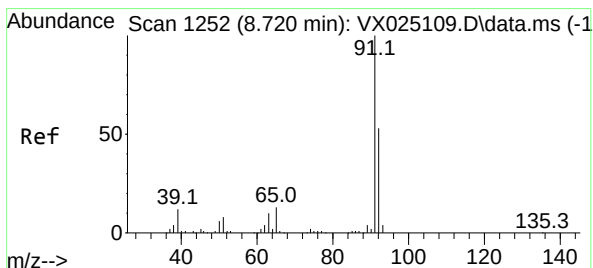
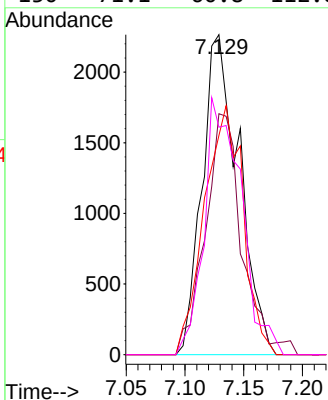
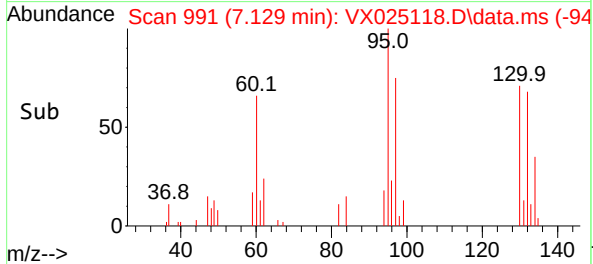
Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME



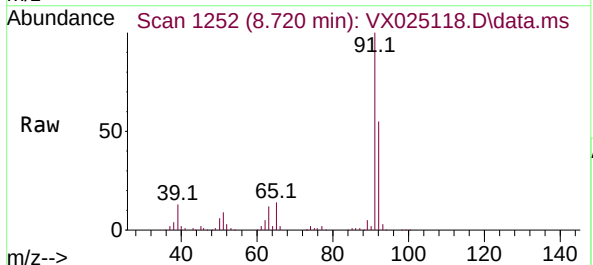
Tgt Ion: 95 Resp: 4944
Ion Ratio Lower Upper
95 100
97 75.3 44.2 82.2
132 68.5 60.1 111.5
130 71.1 60.8 112.8

Manual Integrations
APPROVED

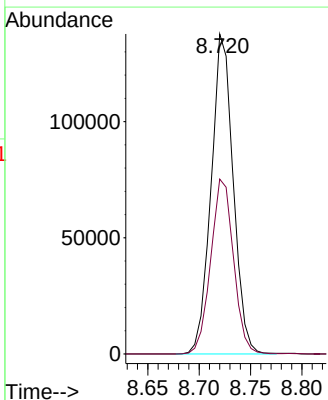
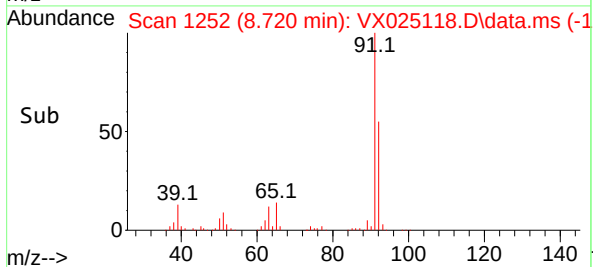
Reviewed By :John Carlone 11/10/2021
Supervised By :Mahesh Dadoda 11/10/2021

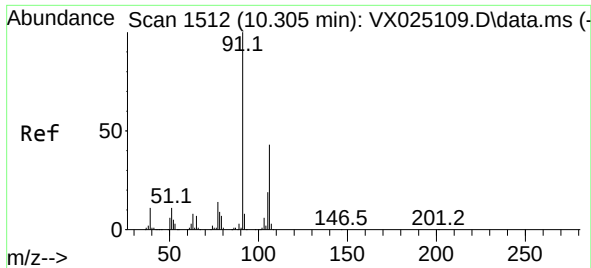


#42
Toluene
Concen: 44.064 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48



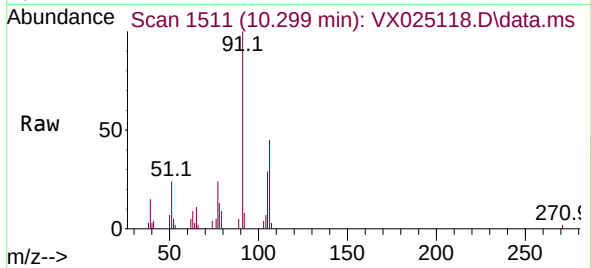
Tgt Ion: 91 Resp: 205237
Ion Ratio Lower Upper
91 100
92 54.7 39.3 72.9





#53
m,p-Xylene
Concen: 1.481 ug/L
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48

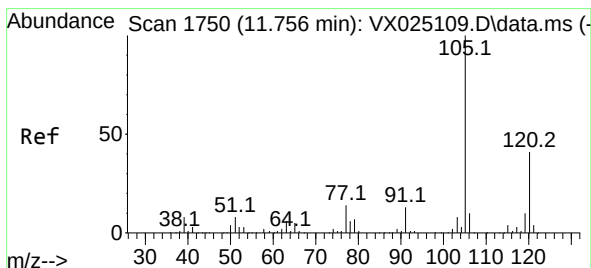
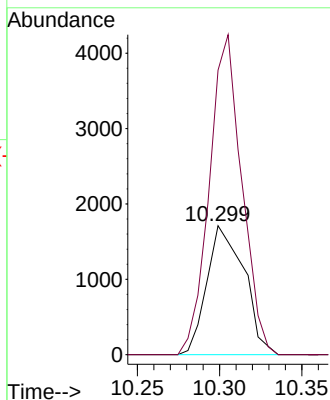
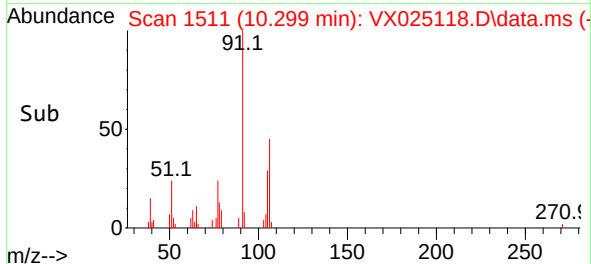
Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME



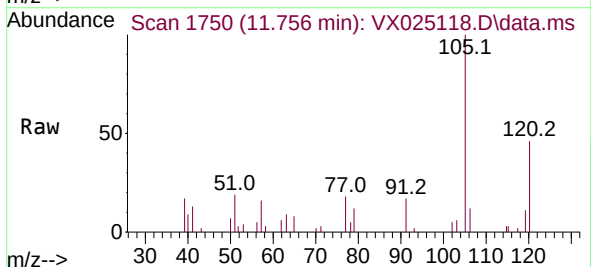
Tgt Ion:106 Resp: 269
Ion Ratio Lower Upper
106 100
91 220.6 160.2 297.6

Manual Integrations
APPROVED

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



#63
1,2,4-Trimethylbenzene
Concen: 1.162 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX025118.D
Acq: 09 Nov 2021 13:48



Tgt Ion:105 Resp: 4082
Ion Ratio Lower Upper
105 100
120 45.6 31.0 46.6

