

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
 Data File : VX025102.D
 Acq On : 08 Nov 2021 17:54
 Operator : JC/MD
 Sample : M4464-05ME 10X
 Misc : 6.11g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME

Quant Time: Nov 09 04:16:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 09 03:59:51 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/09/2021
 Supervised By : Mahesh Dadoda 11/09/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	197639	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	10.055	117	192405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	87734	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	87409	48.911	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.820%
7) Chloroethane-d5	1.660	69	46458	41.467	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.940%
11) 1,1-Dichloroethene-d2	2.306	63	111156	32.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.580%
21) 2-Butanone-d5	4.471	46	124053	101.003	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.000%
24) Chloroform-d	5.062	84	159266	45.331	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.660%
26) 1,2-Dichloroethane-d4	5.964	65	114958	50.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.040%
32) Benzene-d6	5.976	84	263808	38.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.020%
36) 1,2-Dichloropropane-d6	7.312	67	86568	42.885	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.760%
41) Toluene-d8	8.653	98	251990	43.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.520%
43) trans-1,3-Dichloroprop...	8.951	79	47327	43.927	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.860%
47) 2-Hexanone-d5	9.390	63	82082m	95.194	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.190%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	128126	45.854	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.700%
66) 1,2-Dichlorobenzene-d4	12.323	152	79741	46.370	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.740%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.374	62	2030	1.192	ug/L #	16
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	4330	2.699	ug/L #	74
12) 1,1-Dichloroethene	2.312	96	2031	1.439	ug/L #	1
19) 1,1-Dichloroethane	3.617	63	6761	2.261	ug/L	91
20) cis-1,2-Dichloroethene	4.495	96	53761	32.410	ug/L	75
30) 1,1,1-Trichloroethane	5.385	97	36537	10.482	ug/L #	90
34) Trichloroethene	7.135	95	10895	5.908	ug/L	87
42) Toluene	8.720	91	328907	47.721	ug/L	98
53) m,p-Xylene	10.305	106	3942	1.463	ug/L	89
63) 1,2,4-Trimethylbenzene	11.756	105	6824	1.149	ug/L	93

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

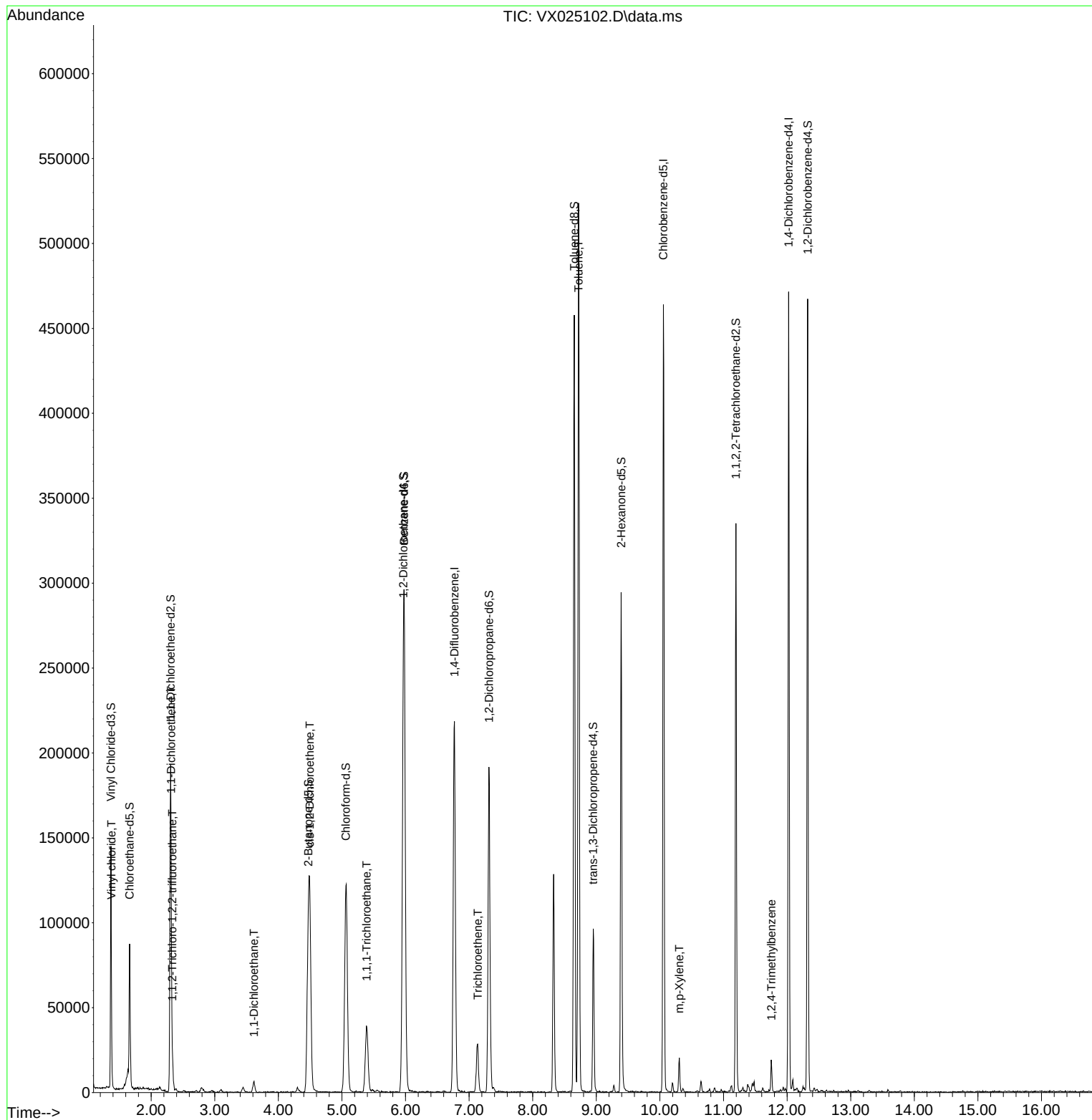
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110821\
Data File : VX025102.D
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ALS Vial : 17 Sample Multiplier: 1

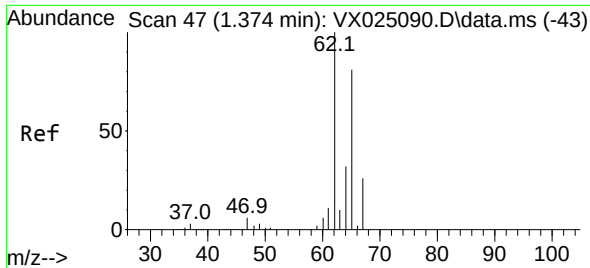
Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Quant Time: Nov 09 04:16:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110821WMA.M
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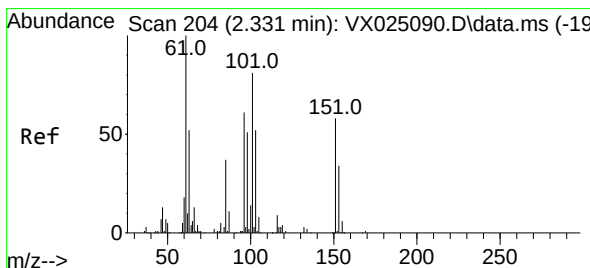
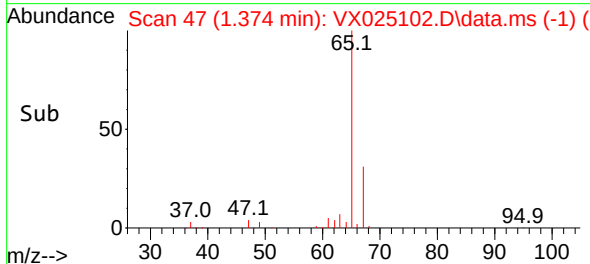
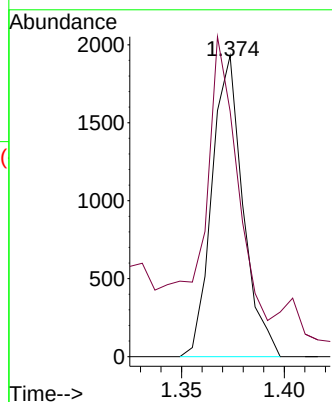
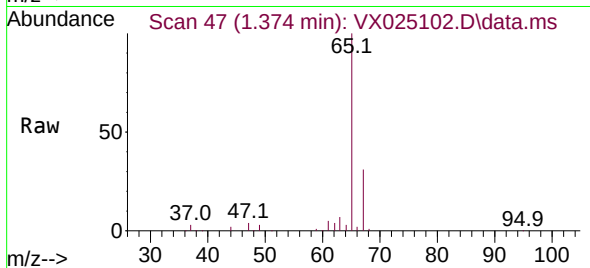
#5
 Vinyl chloride
 Concen: 1.192 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX025102.D
 Acq: 08 Nov 2021 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME

Tgt Ion: 62 Resp: 2030
 Ion Ratio Lower Upper
 62 100
 64 81.6 23.6 43.8

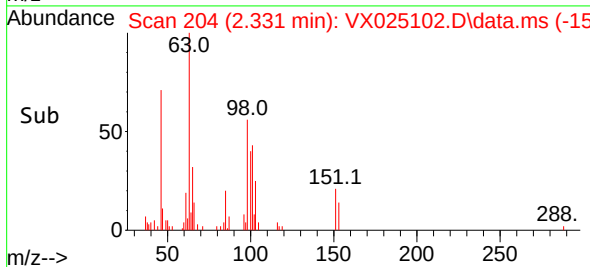
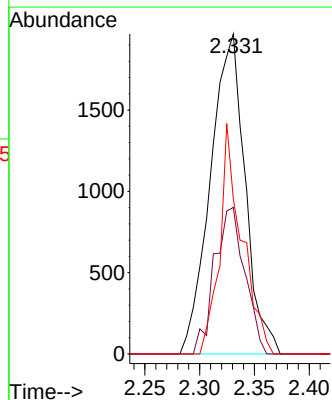
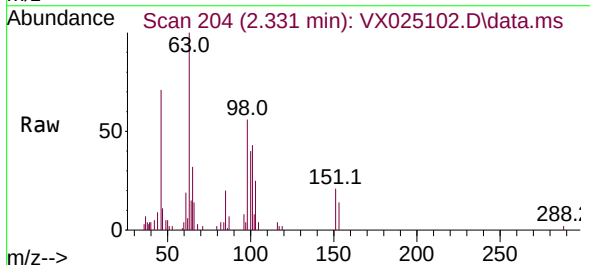
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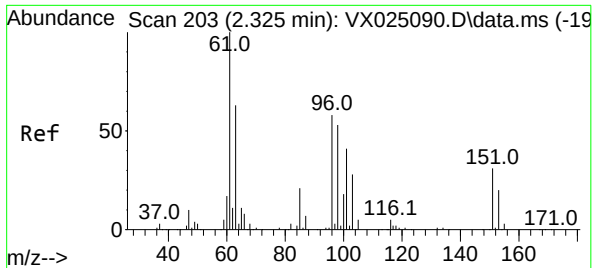
Reviewed By :John Carlone 11/09/2021
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#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.699 ug/L
 RT: 2.331 min Scan# 204
 Delta R.T. -0.000 min
 Lab File: VX025102.D
 Acq: 08 Nov 2021 17:54

Tgt Ion:101 Resp: 4330
 Ion Ratio Lower Upper
 101 100
 85 39.9 35.3 52.9
 151 46.0 62.3 93.5





#12

1,1-Dichloroethene

Concen: 1.439 ug/L

RT: 2.312 min Scan# 203

Delta R.T. -0.012 min

Lab File: VX025102.D

Acq: 08 Nov 2021 17:54

Instrument :

MSVOA_X

ClientSampleId :

GB7K3ME

Tgt Ion: 96 Resp: 203

Ion Ratio Lower Upper

96 100

61 800.5 109.9 204.1

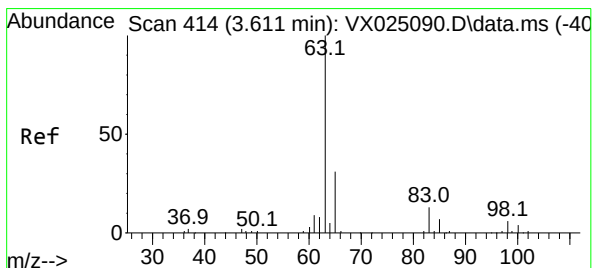
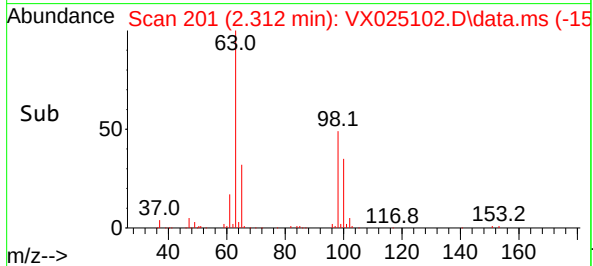
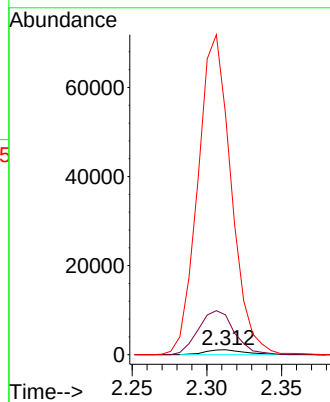
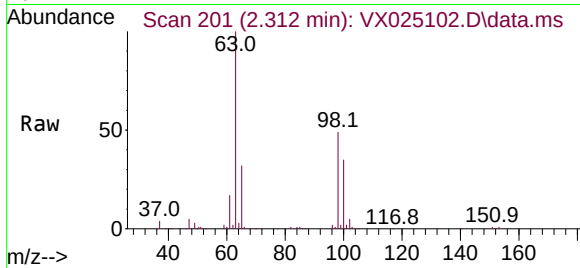
63 4839.4 92.4 171.0

Manual Integrations

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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: VX025102.D

Acq: 08 Nov 2021 17:54

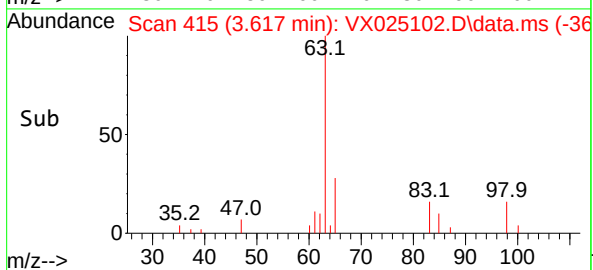
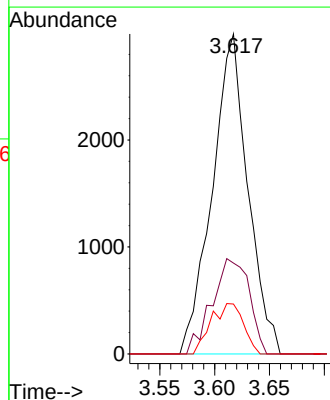
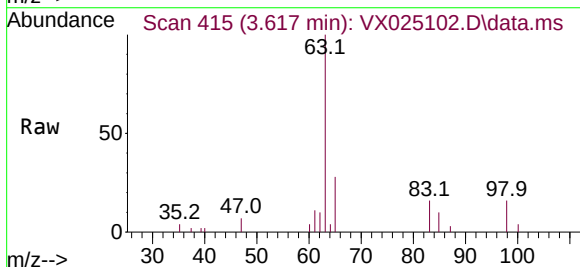
Tgt Ion: 63 Resp: 6761

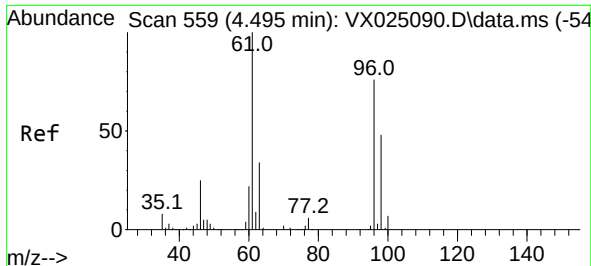
Ion Ratio Lower Upper

63 100

65 28.4 24.5 45.5

83 15.6 11.7 21.7





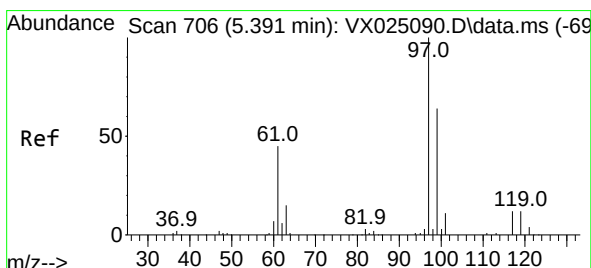
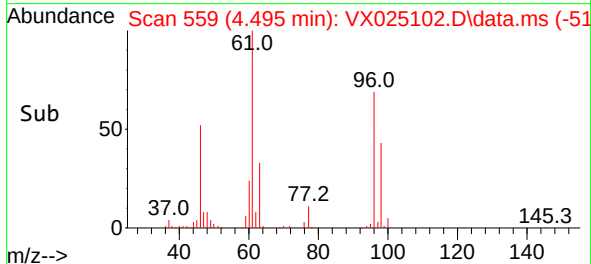
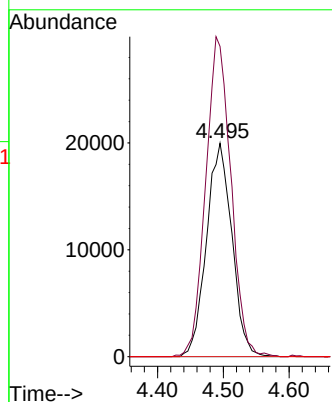
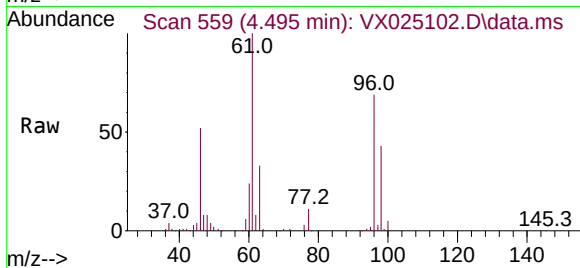
#20
 cis-1,2-Dichloroethene
 Concen: 32.410 ug/L
 RT: 4.495 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VX025102.D
 Acq: 08 Nov 2021 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 GB7K3ME

Tgt Ion: 96 Resp: 5376
 Ion Ratio Lower Upper
 96 100
 61 145.4 82.6 153.4
 68 0.0 0.0 0.0

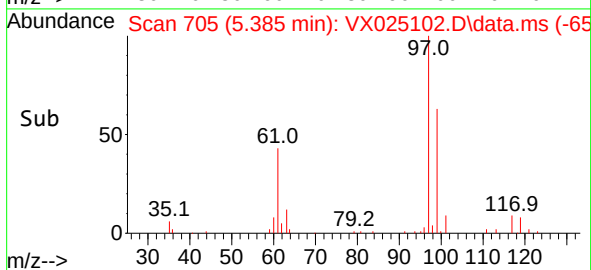
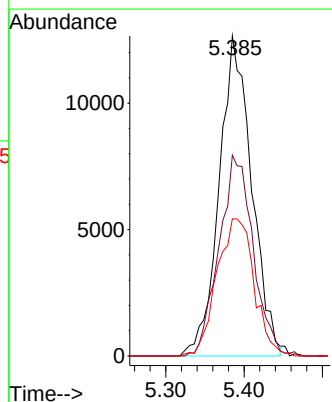
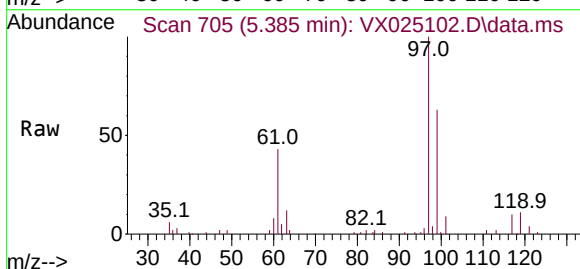
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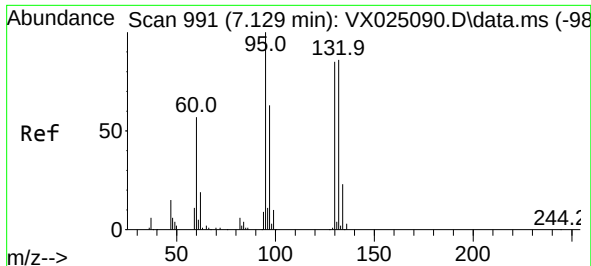
Reviewed By :John Carlone 11/09/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#30
 1,1,1-Trichloroethane
 Concen: 10.482 ug/L
 RT: 5.385 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX025102.D
 Acq: 08 Nov 2021 17:54

Tgt Ion: 97 Resp: 36537
 Ion Ratio Lower Upper
 97 100
 99 65.4 53.1 79.7
 61 48.5 26.3 39.5#





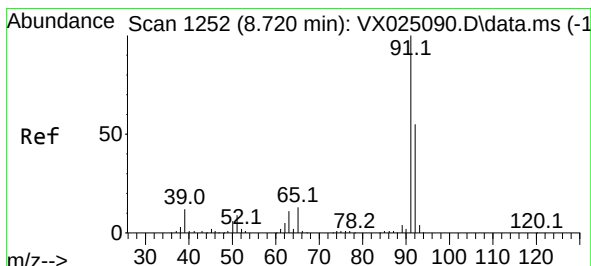
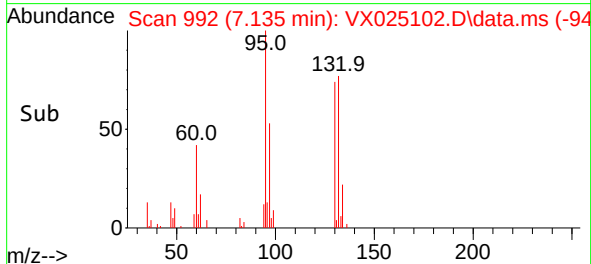
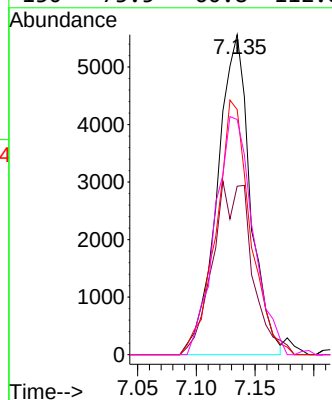
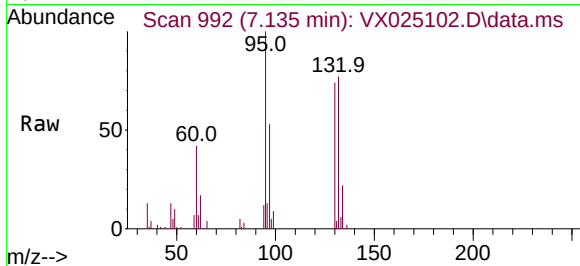
#34
Trichloroethene
Concen: 5.908 ug/L
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX025102.D
Acq: 08 Nov 2021 17:54

Instrument :
MSVOA_X
ClientSampleId :
GB7K3ME

Tgt Ion: 95 Resp: 1089
Ion Ratio Lower Upper
95 100
97 52.7 44.2 82.2
132 76.6 60.1 111.5
130 73.5 60.8 112.8

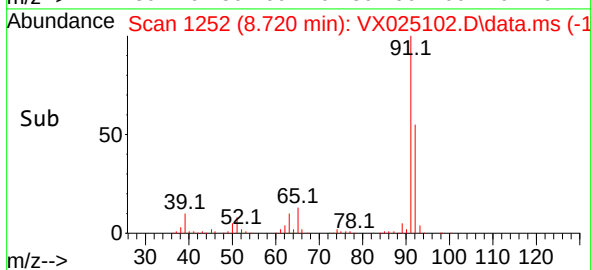
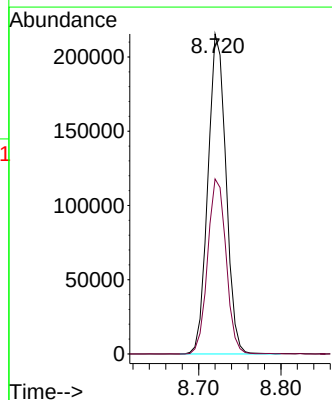
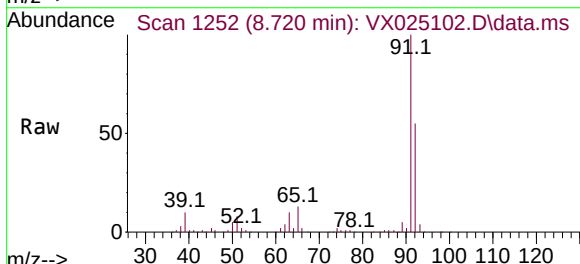
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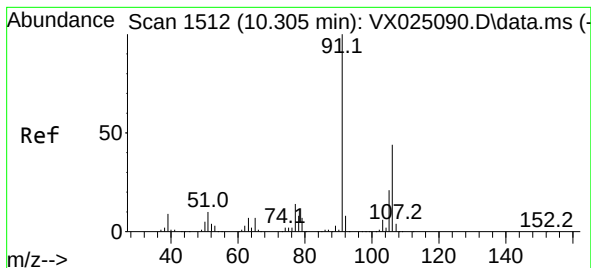
Reviewed By :John Carlone 11/09/2021
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#42
Toluene
Concen: 47.721 ug/L
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX025102.D
Acq: 08 Nov 2021 17:54

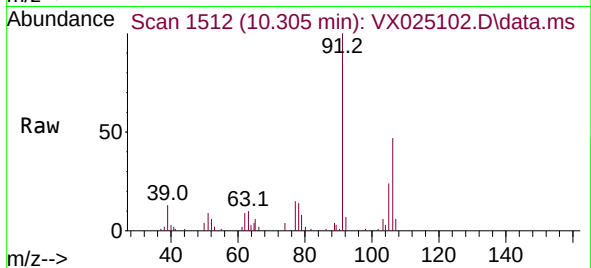
Tgt Ion: 91 Resp: 328907
Ion Ratio Lower Upper
91 100
92 54.7 39.3 72.9





#53
m,p-Xylene
Concen: 1.463 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025102.D
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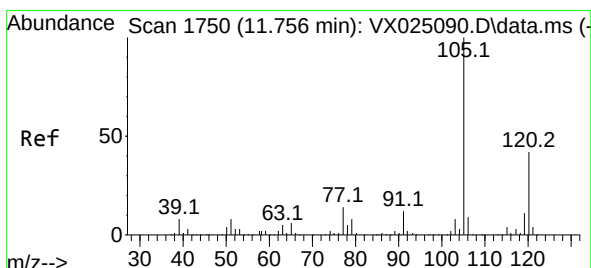
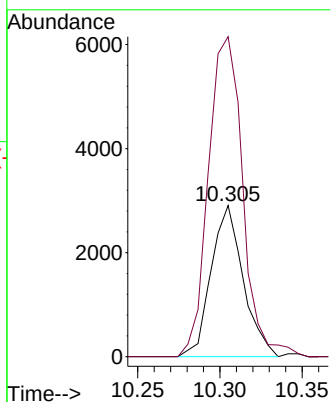
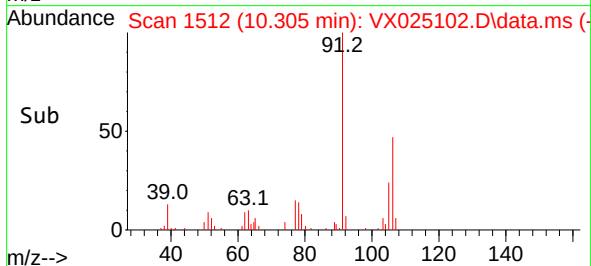
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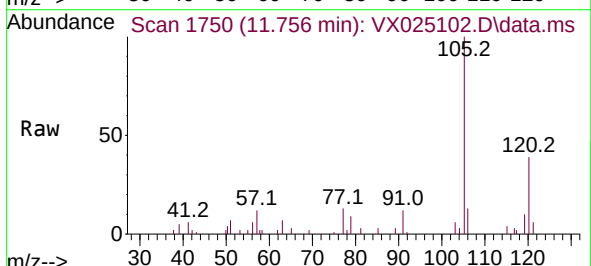
Tgt Ion:106 Resp: 394
Ion Ratio Lower Upper
106 100
91 211.6 160.2 297.6

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#63
1,2,4-Trimethylbenzene
Concen: 1.149 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
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Tgt Ion:105 Resp: 6824
Ion Ratio Lower Upper
105 100
120 43.2 31.0 46.6

