

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
 Data File : VX025641.D
 Acq On : 08 Dec 2021 23:46
 Operator : JC/MD
 Sample : M4975-06 10X
 Misc : 6.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BGKT0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/15/2021

Quant Time: Dec 09 03:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 09 03:12:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	159347	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	149186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77978	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	43594	40.087	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.180%		
7) Chloroethane-d5	1.654	69	38480	42.873	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.740%		
11) 1,1-Dichloroethene-d2	2.306	63	60606	34.953	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.900%		
21) 2-Butanone-d5	4.458	46	67934	83.920	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.920%		
24) Chloroform-d	5.062	84	80658	42.439	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.880%		
26) 1,2-Dichloroethane-d4	5.958	65	52895	44.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.300%		
32) Benzene-d6	5.976	84	171250	43.312	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.620%		
36) 1,2-Dichloropropane-d6	7.312	67	52060	42.527	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	85.060%		
41) Toluene-d8	8.659	98	166176	44.527	ug/L	0.01
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.060%		
43) trans-1,3-Dichloroprop...	8.958	79	23917	38.860	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.720%		
47) 2-Hexanone-d5	9.403	63	48469	76.062	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	76.060%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	72230	41.749	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	83.500%		
66) 1,2-Dichlorobenzene-d4	12.323	152	67162	43.913	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.820%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	67516	73.119	ug/L	99
12) 1,1-Dichloroethene	2.319	96	6114	7.145	ug/L #	1
30) 1,1,1-Trichloroethane	5.397	97	3835580	2329.001	ug/L	98
34) Trichloroethene	7.129	95	892475	851.383	ug/L	95
42) Toluene	8.726	91	272523	62.003	ug/L	100
46) Tetrachloroethene	9.323	164	21929649m	24667.578	ug/L	
52) Ethylbenzene	10.201	91	60528	12.814	ug/L	97
53) m,p-Xylene	10.305	106	215006	112.367	ug/L	99
54) o-Xylene	10.646	106	56872	29.693	ug/L	96
60) Isopropylbenzene	10.963	105	5148m	1.027	ug/L	
62) 1,3,5-Trimethylbenzene	11.457	105	17937	4.279	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	62398	14.734	ug/L #	80
67) 1,2-Dichlorobenzene	12.335	146	17620	7.573	ug/L	96

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

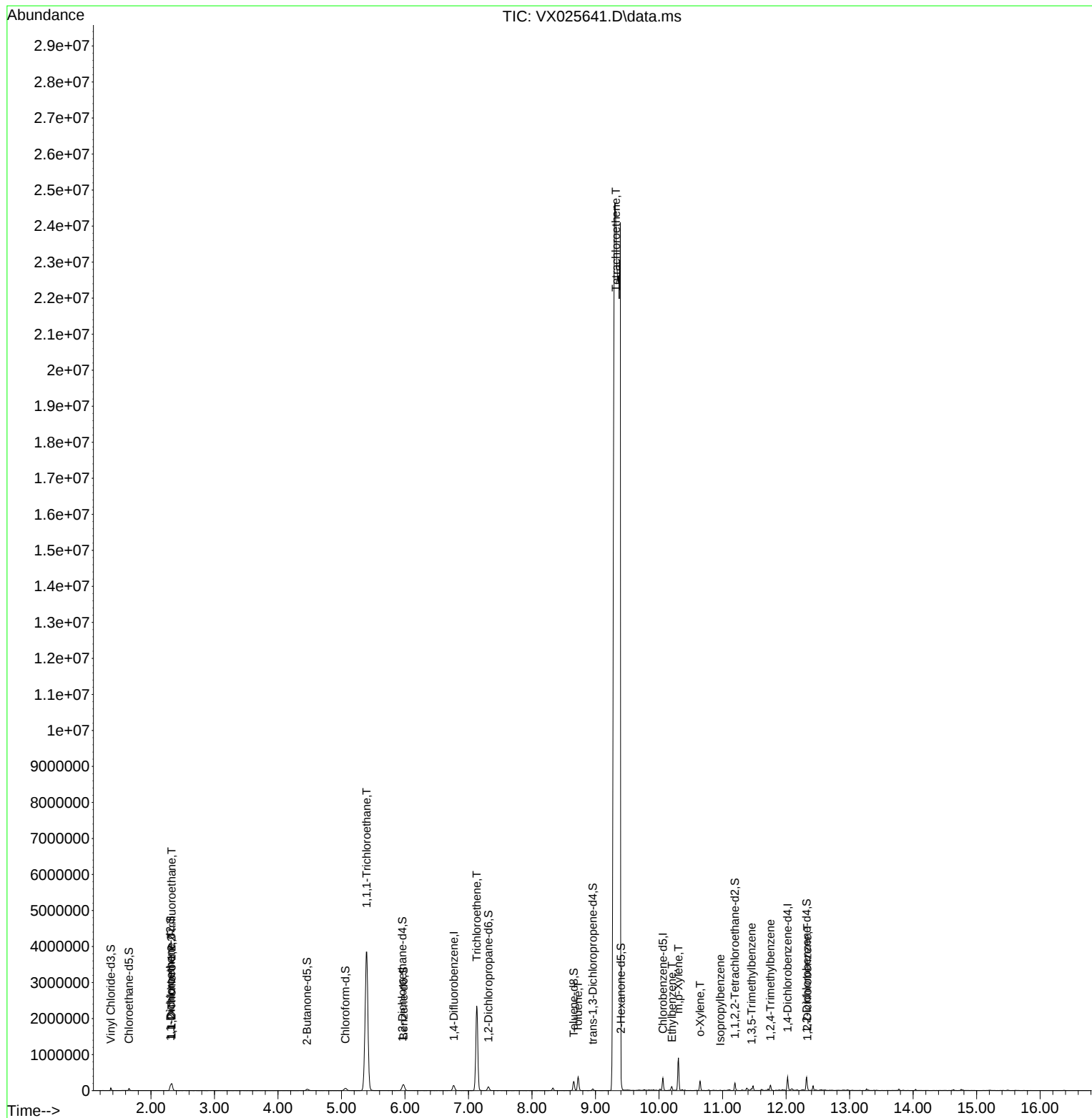
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120821\
Data File : VX025641.D
Acq On : 08 Dec 2021 23:46
Operator : JC/MD
Sample : M4975-06 10X
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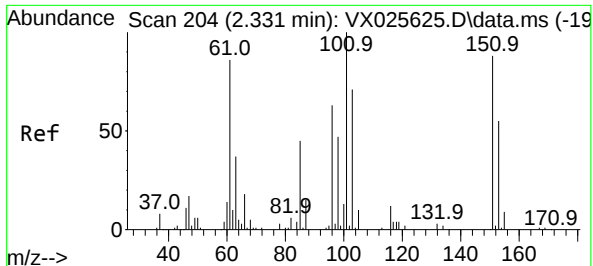
Instrument :
MSVOA_X
ClientSampleId :
BGKT0

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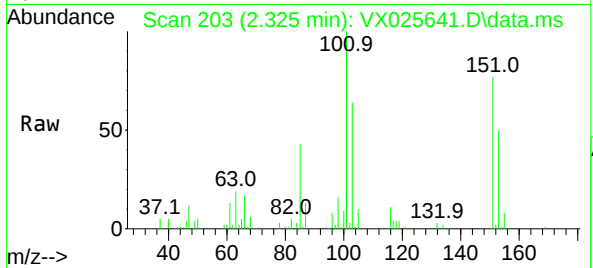
Quant Time: Dec 09 03:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 09 03:12:30 2021
Response via : Initial Calibration





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 73.119 ug/L
RT: 2.325 min Scan# 204
Delta R.T. -0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

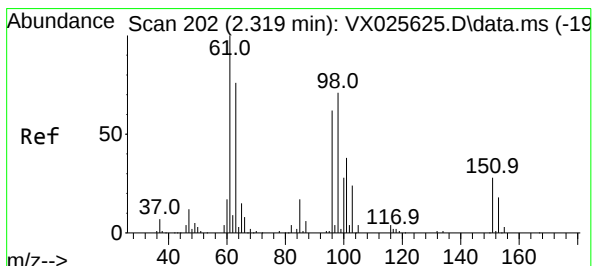
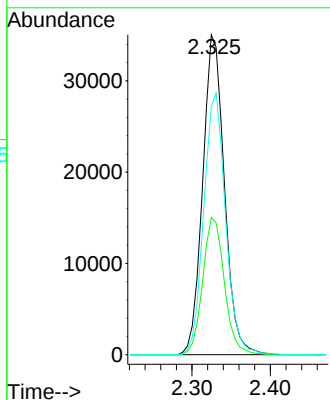
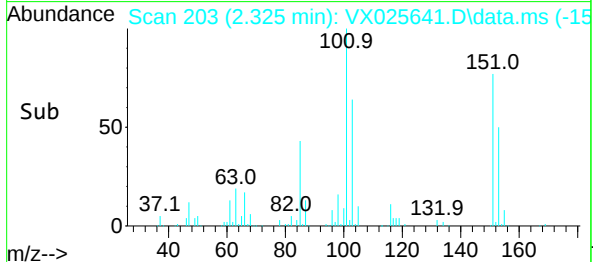
Instrument :
MSVOA_X
ClientSampleId :
BGKT0



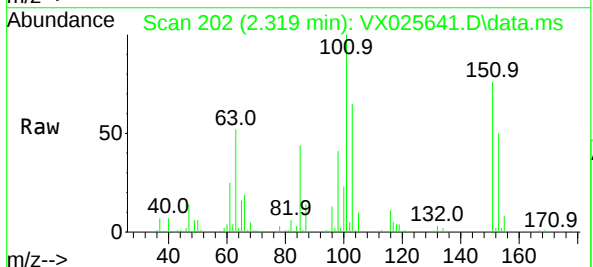
Tgt Ion:101 Resp: 67510
Ion Ratio Lower Upper
101 100
85 42.7 34.3 51.5
151 82.5 65.2 97.8

Manual Integrations
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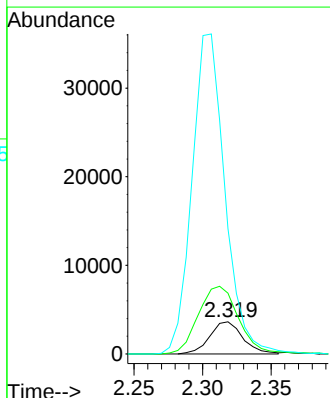
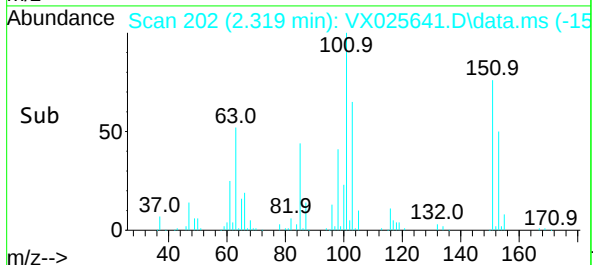
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021

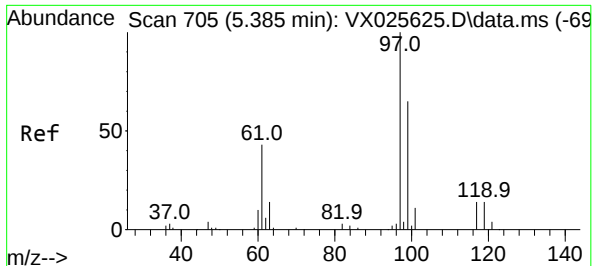


#12
1,1-Dichloroethene
Concen: 7.145 ug/L
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46



Tgt Ion: 96 Resp: 6114
Ion Ratio Lower Upper
96 100
61 188.7 108.7 201.9
63 389.6 76.3 141.7#





#30

1,1,1-Trichloroethane

Concen: 2329.001 ug/L

RT: 5.397 min Scan# 705

Delta R.T. 0.012 min

Lab File: VX025641.D

Acq: 08 Dec 2021 23:46

Instrument :

MSVOA_X

ClientSampleId :

BGKT0

Tgt Ion: 97 Resp: 383558

Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

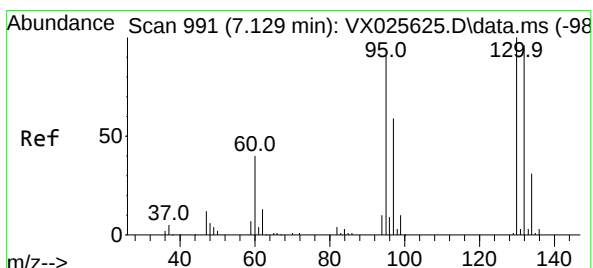
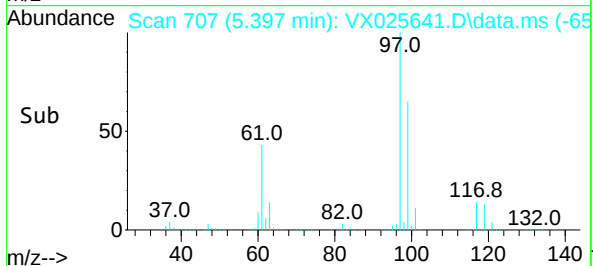
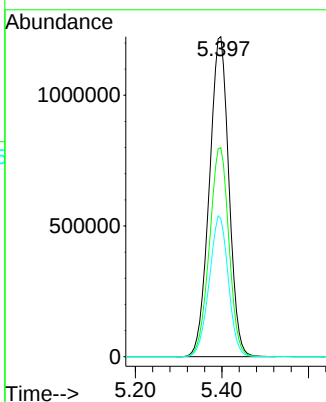
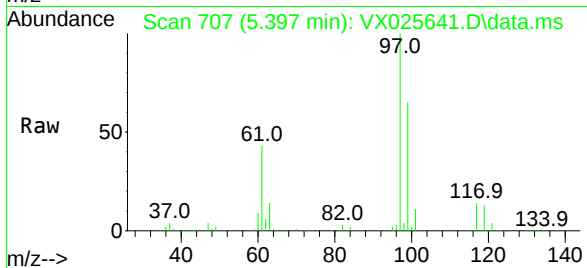
61 43.0 33.1 49.7

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#34

Trichloroethene

Concen: 851.383 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025641.D

Acq: 08 Dec 2021 23:46

Tgt Ion: 95 Resp: 892475

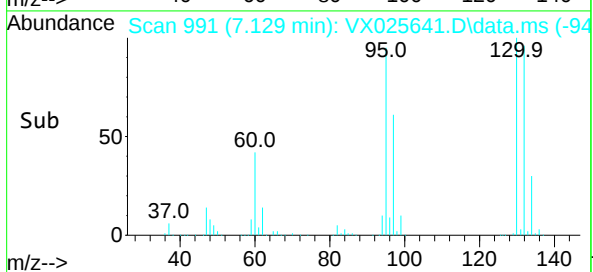
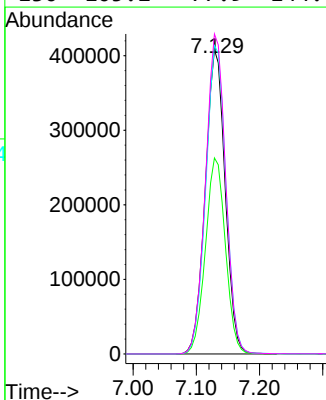
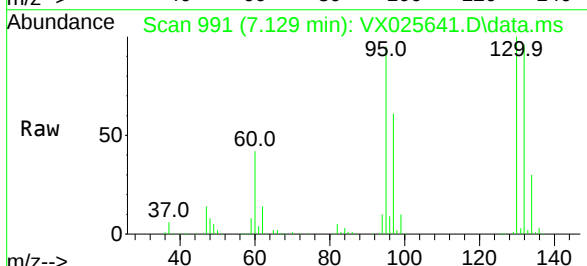
Ion Ratio Lower Upper

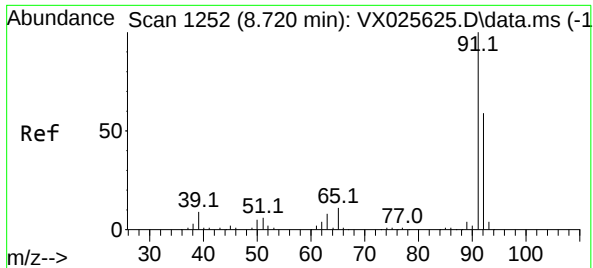
95 100

97 64.4 46.0 85.4

132 101.4 75.0 139.2

130 105.2 77.9 144.7





#42

Toluene

Concen: 62.003 ug/L

RT: 8.726 min Scan# 1351

Delta R.T. 0.006 min

Lab File: VX025641.D

Acq: 08 Dec 2021 23:46

Instrument :

MSVOA_X

ClientSampleId :

BGKT0

Tgt Ion: 91 Resp: 27252

Ion Ratio Lower Upper

91 100

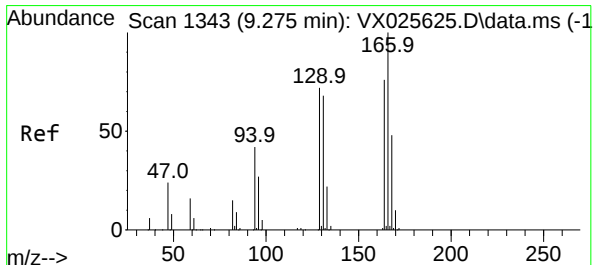
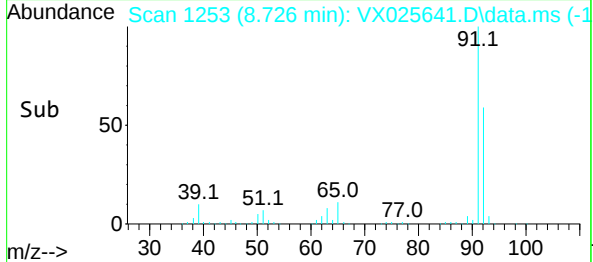
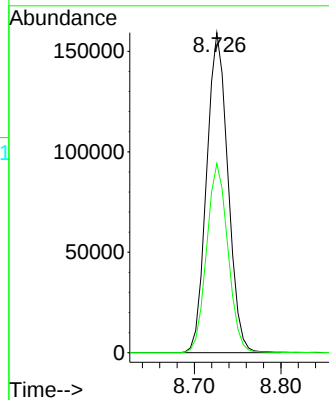
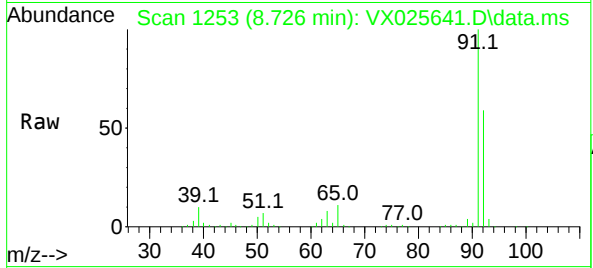
92 59.1 41.2 76.6

Manual Integrations

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#46

Tetrachloroethene

Concen: 24667.578 ug/L m

RT: 9.323 min Scan# 1351

Delta R.T. 0.049 min

Lab File: VX025641.D

Acq: 08 Dec 2021 23:46

Tgt Ion:164 Resp:21929649

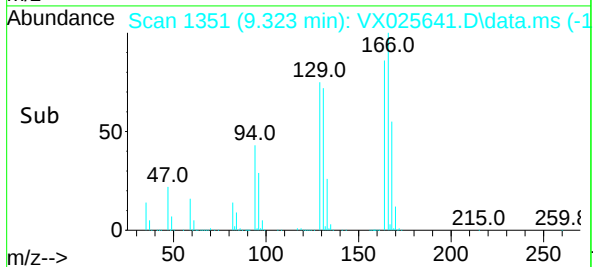
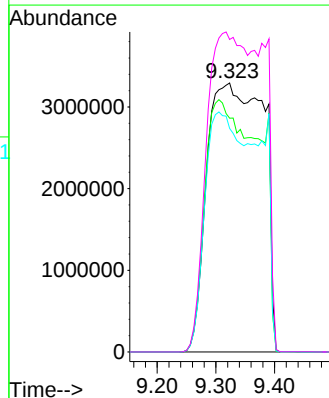
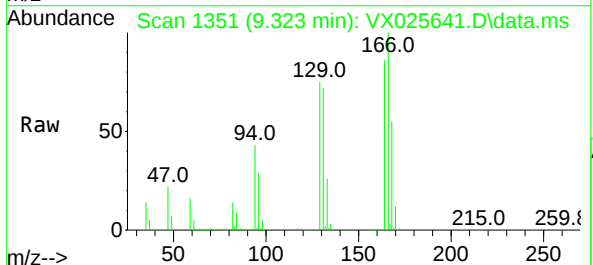
Ion Ratio Lower Upper

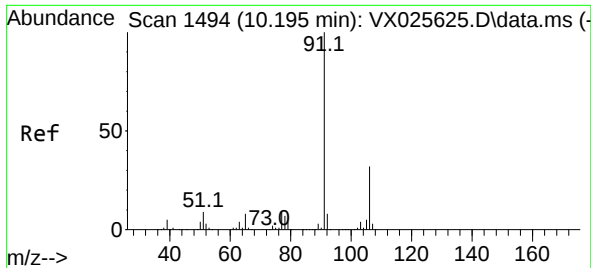
164 100

129 86.9 64.7 120.1

131 83.1 63.2 117.4

166 116.2 90.1 167.3





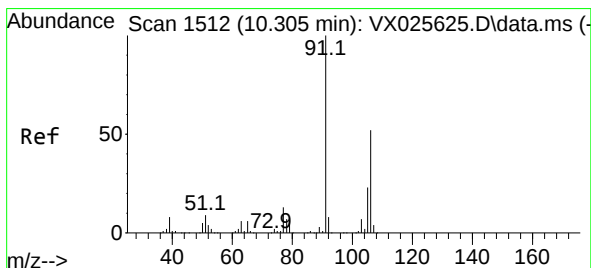
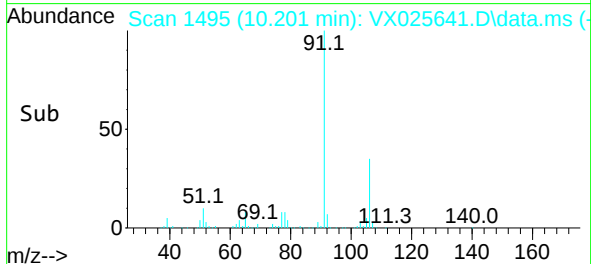
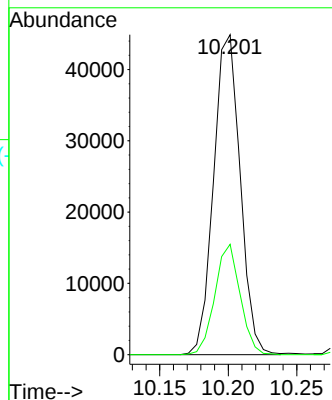
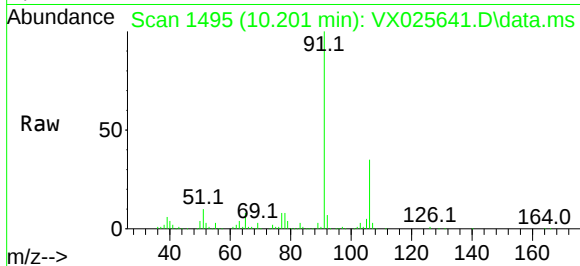
#52
Ethylbenzene
Concen: 12.814 ug/L
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
BGKT0

Tgt Ion: 91 Resp: 60528
Ion Ratio Lower Upper
91 100
106 34.5 23.1 42.9

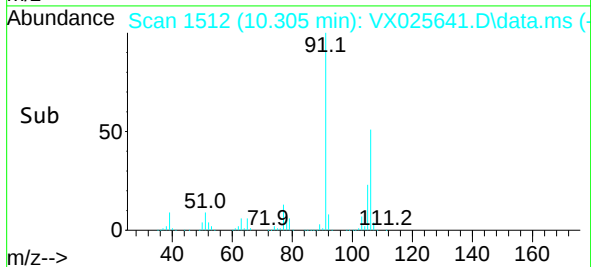
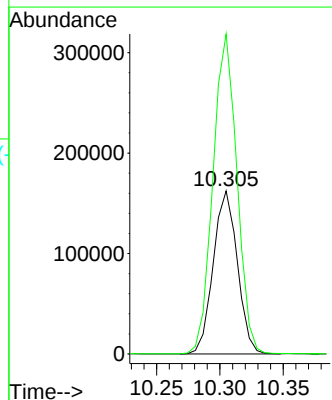
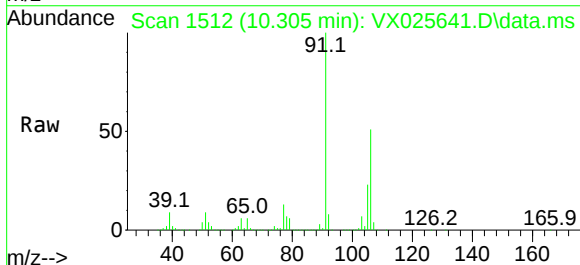
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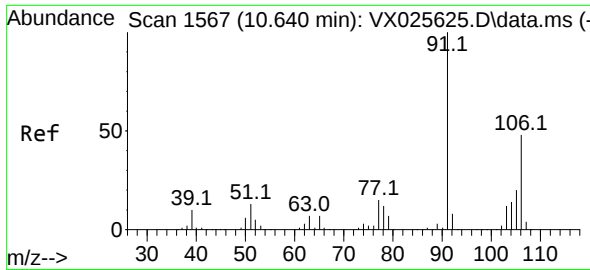
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#53
m,p-Xylene
Concen: 112.367 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:106 Resp: 215006
Ion Ratio Lower Upper
106 100
91 196.3 136.8 254.2





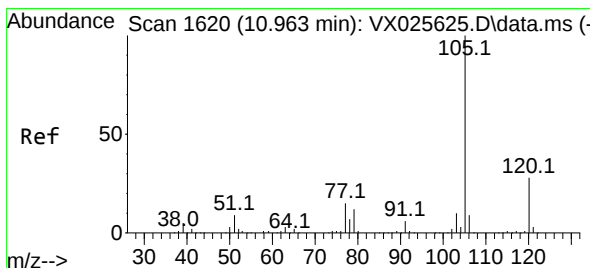
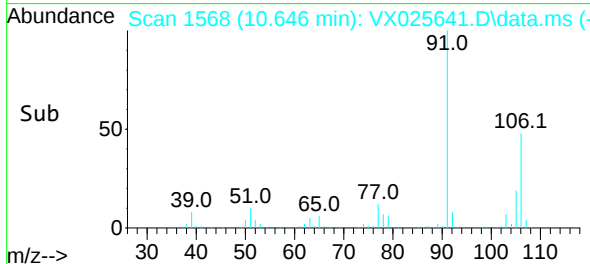
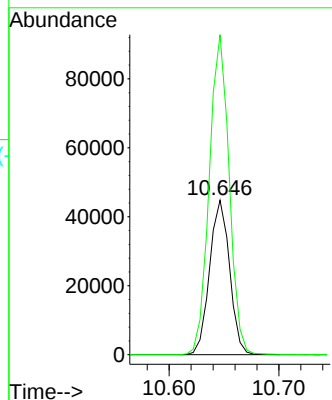
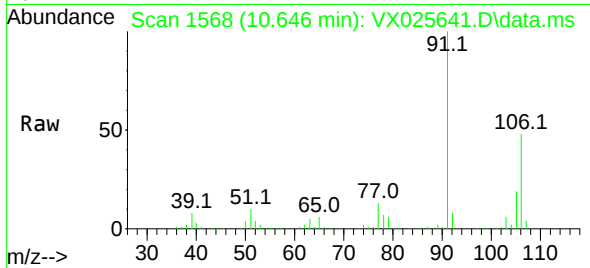
#54
o-Xylene
Concen: 29.693 ug/L
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
BGKT0

Tgt Ion:106 Resp: 56872
Ion Ratio Lower Upper
106 100
91 207.2 140.5 260.9

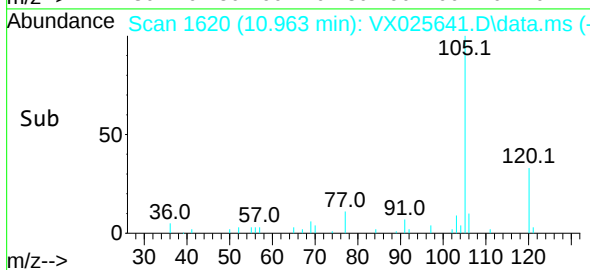
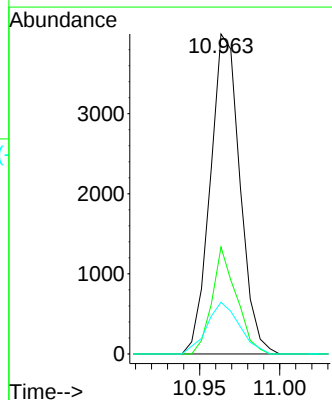
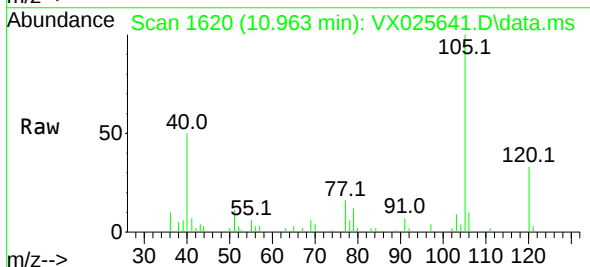
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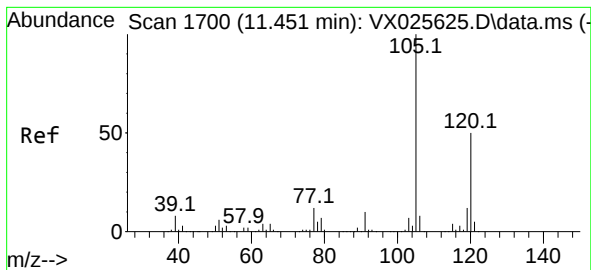
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#60
Isopropylbenzene
Concen: 1.027 ug/L m
RT: 10.963 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Tgt Ion:105 Resp: 5148
Ion Ratio Lower Upper
105 100
120 277.3 22.3 33.5#
77 98.7 11.5 17.3#





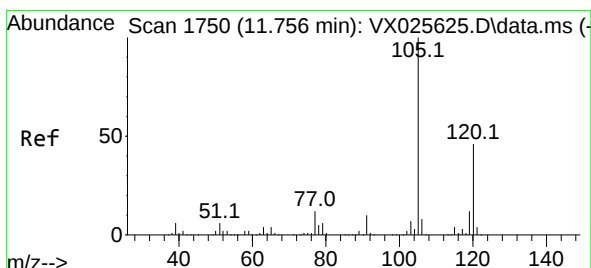
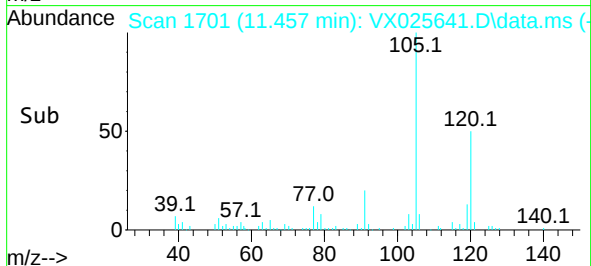
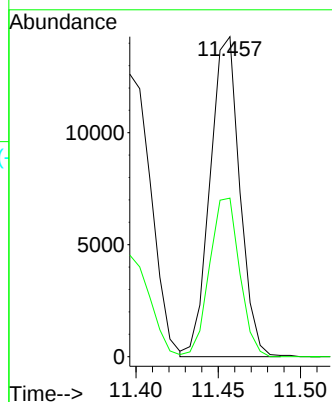
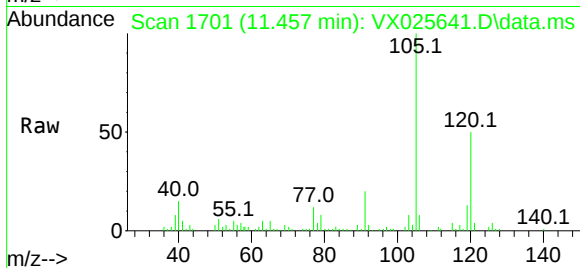
#62
1,3,5-Trimethylbenzene
Concen: 4.279 ug/L
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

Instrument :
MSVOA_X
ClientSampleId :
BGKT0

Tgt Ion:105 Resp: 1793
Ion Ratio Lower Upper
105 100
120 50.4 41.0 61.4

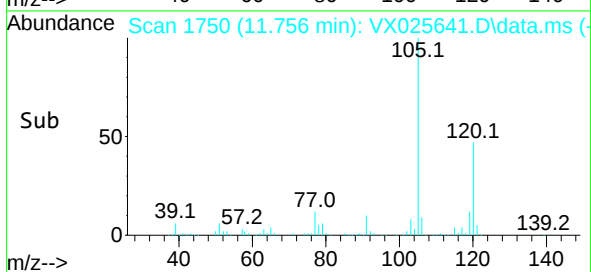
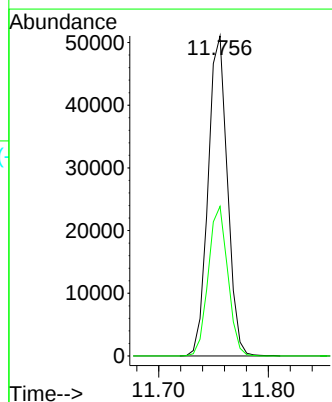
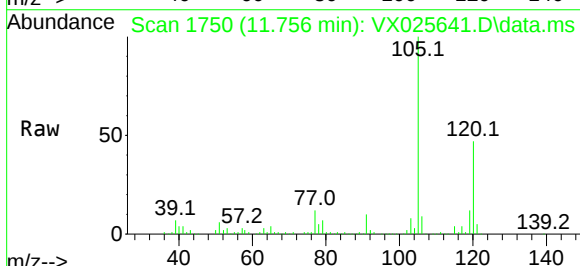
Manual Integrations
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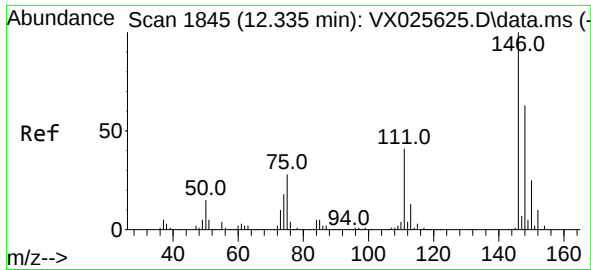
Reviewed By :Mahesh Dadoda 12/15/2021
Supervised By :Semsettin Yesilyurt 12/15/2021



#63
1,2,4-Trimethylbenzene
Concen: 14.734 ug/L
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX025641.D
Acq: 08 Dec 2021 23:46

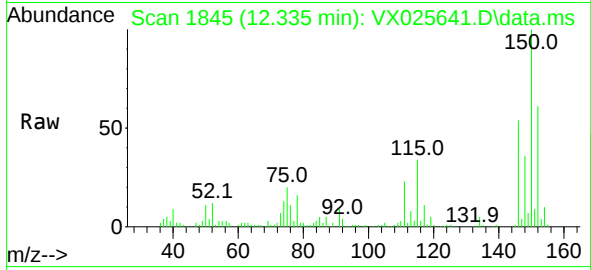
Tgt Ion:105 Resp: 62398
Ion Ratio Lower Upper
105 100
120 47.2 0.1 0.1#





#67
 1,2-Dichlorobenzene
 Concen: 7.573 ug/L
 RT: 12.335 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025641.D
 Acq: 08 Dec 2021 23:46

Instrument :
 MSVOA_X
 ClientSampleId :
 BGKT0



Tgt Ion:146 Resp: 17620
 Ion Ratio Lower Upper
 146 100
 111 43.2 32.3 48.5
 148 66.1 50.3 75.5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/15/2021
 Supervised By :Semsettin Yesilyurt 12/15/2021

