

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035913.D
 Acq On : 30 May 2023 17:58
 Operator : JC/MD
 Sample : 02902-02DL 100X
 Misc : 1.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-665DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Quant Time: May 30 18:58:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	234629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	381247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166497	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	150442	36.081	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	72.160%#		
35) Dibromofluoromethane	5.385	113	113167	43.213	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	86.420%		
50) Toluene-d8	8.647	98	444818	46.282	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.560%		
62) 4-Bromofluorobenzene	11.079	95	171112	45.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.380%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	27446	16.305	ug/l	100
39) Methylcyclohexane	7.379	83	1995	0.440	ug/l	88
52) Toluene	8.720	92	37605	5.376	ug/l	98
67) Ethyl Benzene	10.195	91	16003	1.190	ug/l	100
68) m/p-Xylenes	10.299	106	24541	4.934	ug/l	95
69) o-Xylene	10.640	106	11174	2.261	ug/l	95
73) Isopropylbenzene	10.963	105	4571	0.338	ug/l	98
78) n-propylbenzene	11.305	91	12908	0.820	ug/l	93
80) 1,3,5-Trimethylbenzene	11.451	105	19258	1.674	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	79963	6.940	ug/l	99
85) sec-Butylbenzene	11.890	105	3860	0.280	ug/l	87
86) p-Isopropyltoluene	12.012	119	3087m	0.267	ug/l	
89) n-Butylbenzene	12.329	91	10532	1.038	ug/l #	47

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

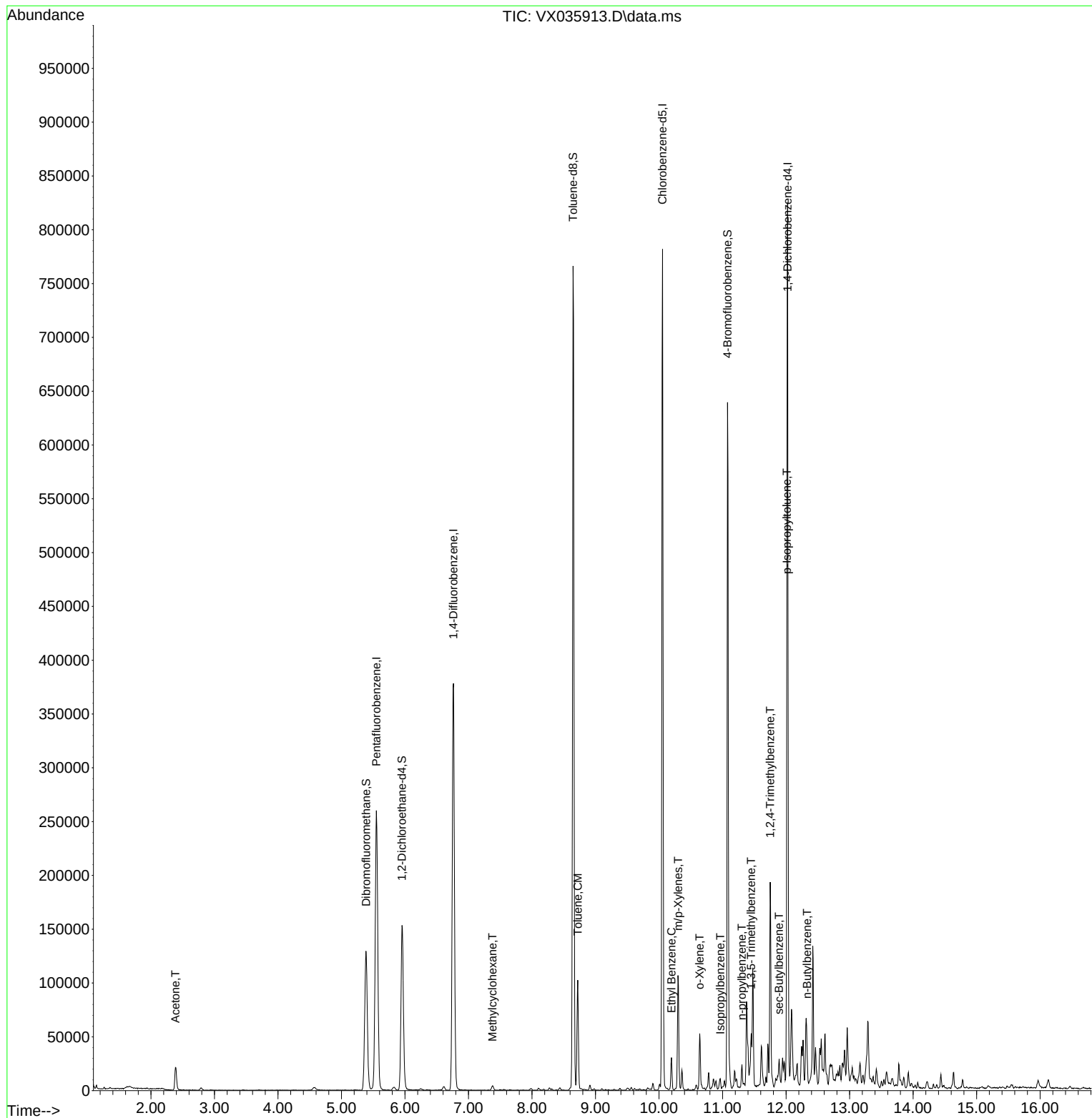
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
Data File : VX035913.D
Acq On : 30 May 2023 17:58
Operator : JC/MD
Sample : 02902-02DL 100X
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ALS Vial : 20 Sample Multiplier: 1

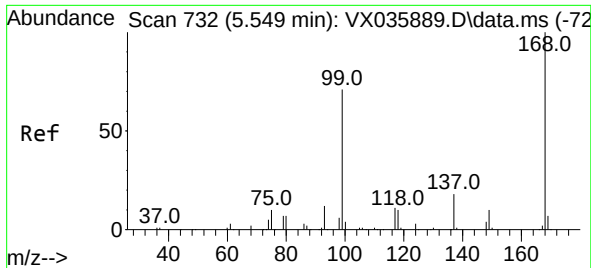
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL

Quant Time: May 30 18:58:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

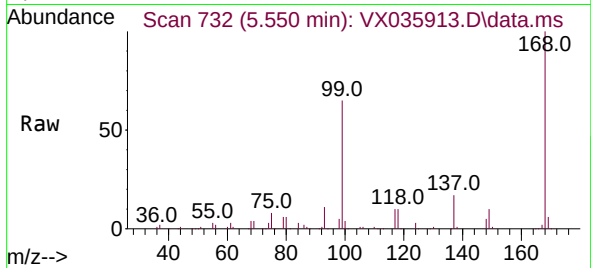
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

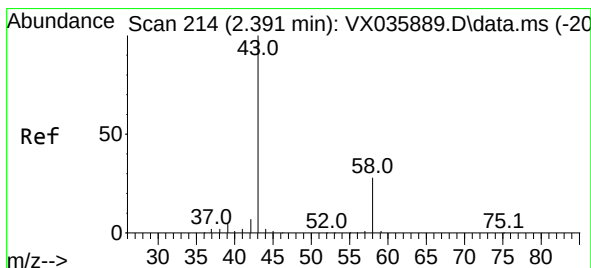
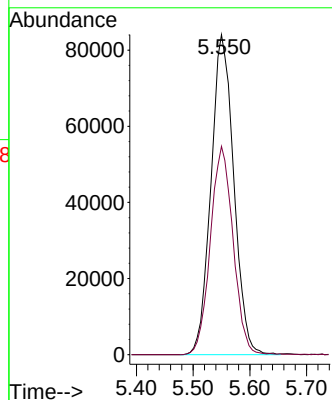
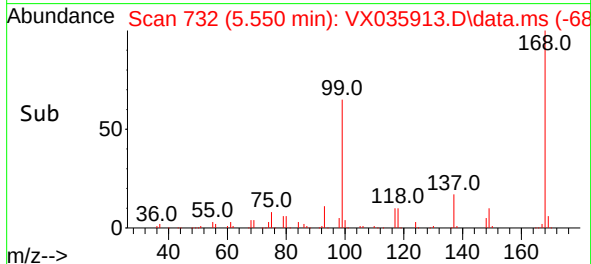
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL



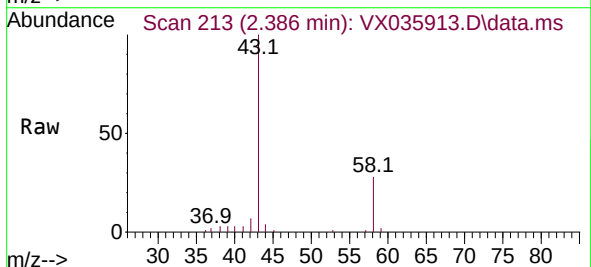
Tgt Ion:168 Resp: 234629
Ion Ratio Lower Upper
168 100
99 65.1 57.0 85.6

Manual Integrations
APPROVED

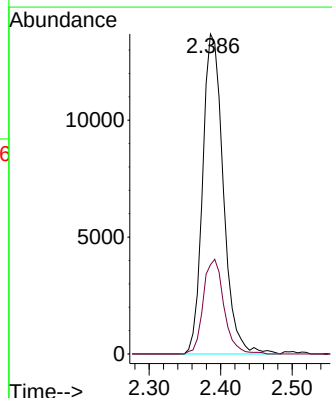
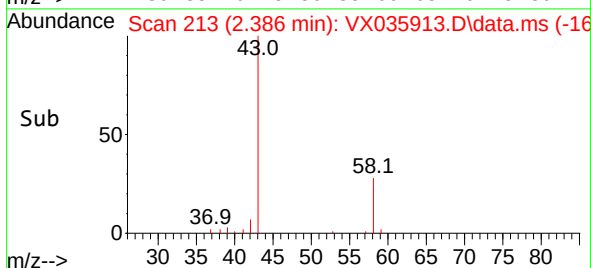
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

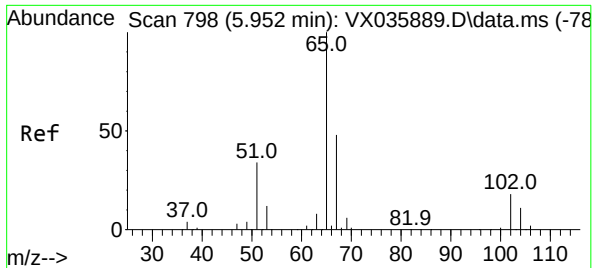


#16
Acetone
Concen: 16.305 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58



Tgt Ion: 43 Resp: 27446
Ion Ratio Lower Upper
43 100
58 27.9 22.2 33.2





#33

1,2-Dichloroethane-d4

Concen: 36.081 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX035913.D

Acq: 30 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

FMC-665DL

Tgt Ion: 65 Resp: 15044

Ion Ratio Lower Upper

65 100

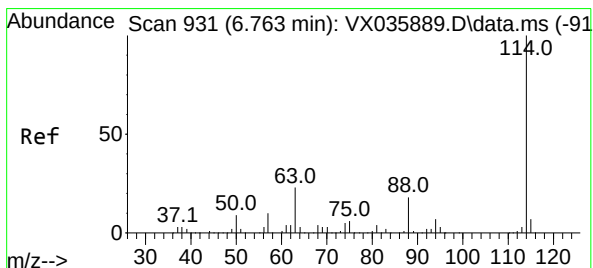
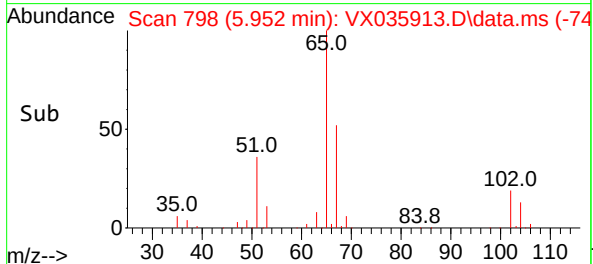
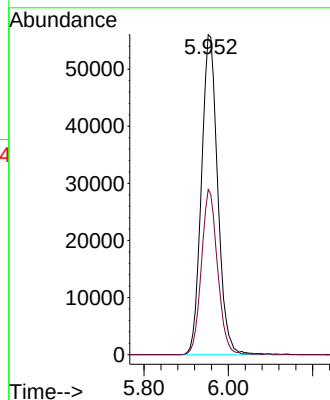
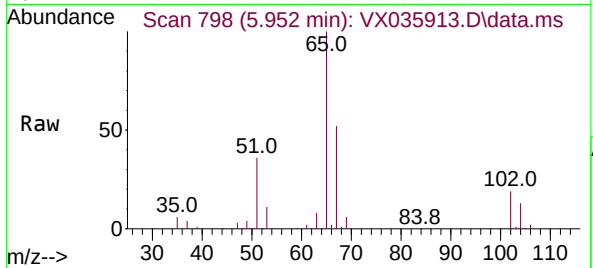
67 51.3 0.0 99.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023

Supervised By :Mahesh Dadoda 05/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX035913.D

Acq: 30 May 2023 17:58

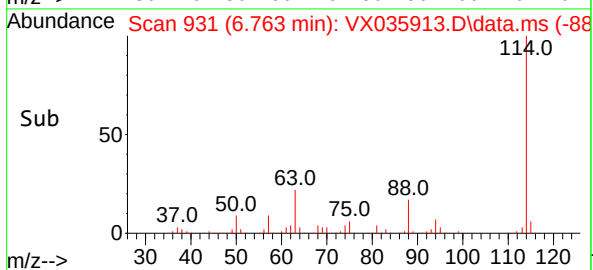
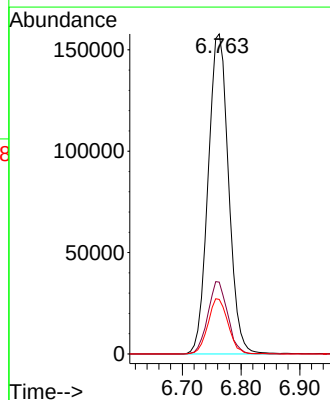
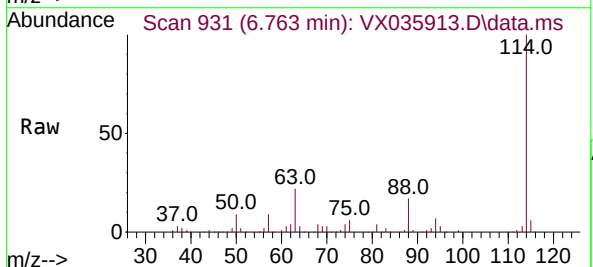
Tgt Ion:114 Resp: 381247

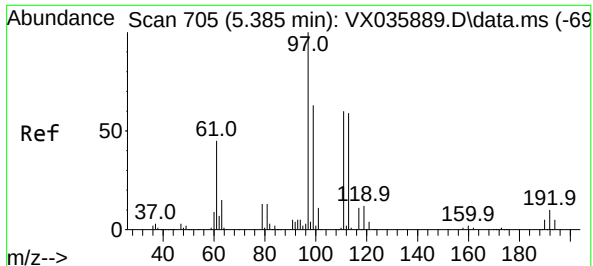
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

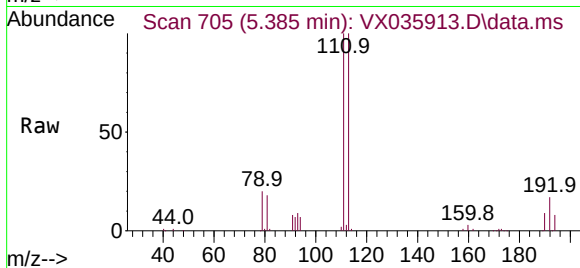
88 17.1 0.0 35.2





#35
Dibromofluoromethane
Concen: 43.213 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

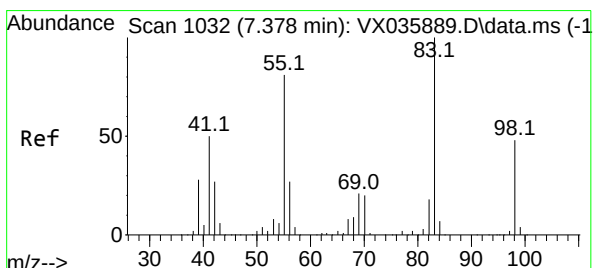
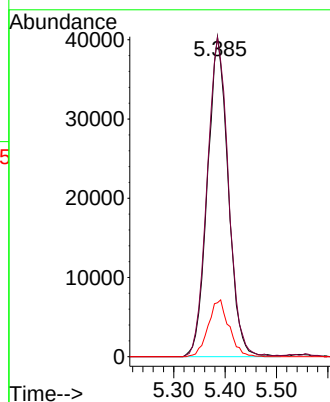
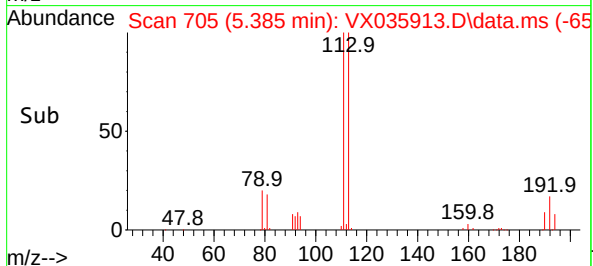
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL



Tgt Ion:113 Resp: 11316
Ion Ratio Lower Upper
113 100
111 102.8 81.7 122.5
192 17.8 13.5 20.3

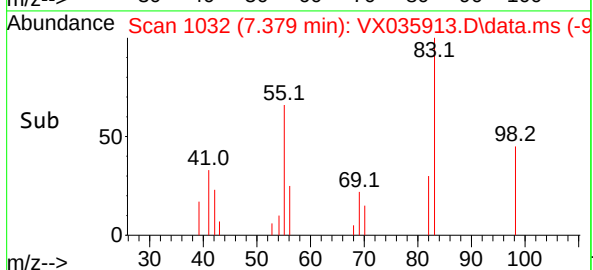
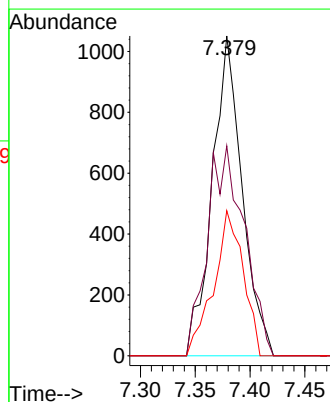
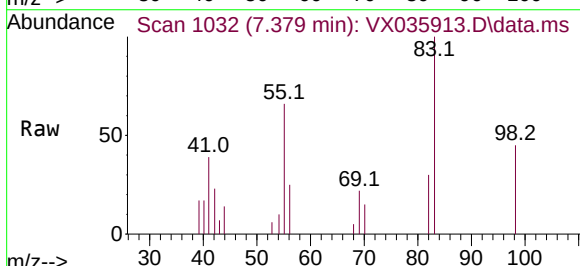
Manual Integrations
APPROVED

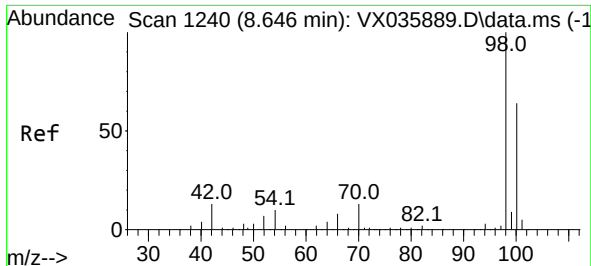
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#39
Methylcyclohexane
Concen: 0.440 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

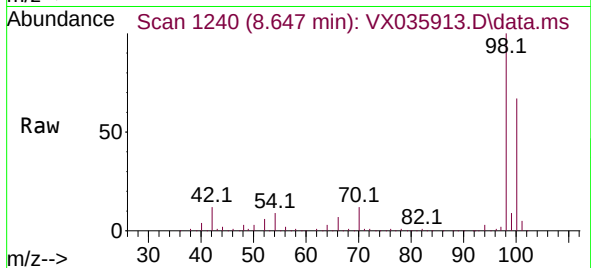
Tgt Ion: 83 Resp: 1995
Ion Ratio Lower Upper
83 100
55 65.7 64.9 97.3
98 45.4 38.1 57.1





#50
Toluene-d8
Concen: 46.282 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

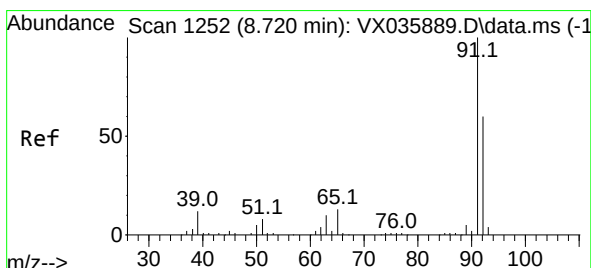
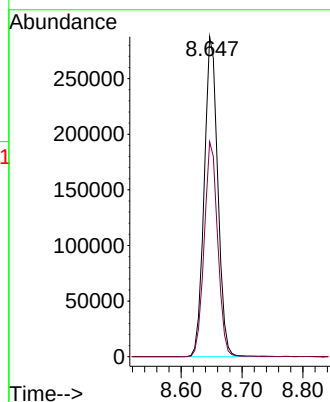
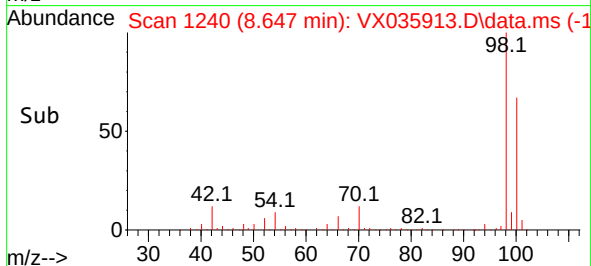
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL



Tgt Ion: 98 Resp: 444818
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

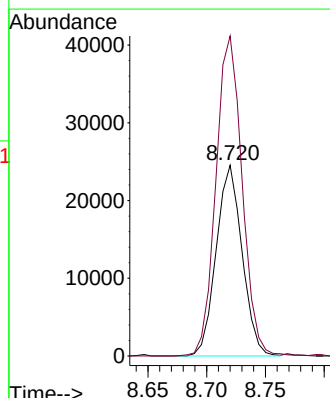
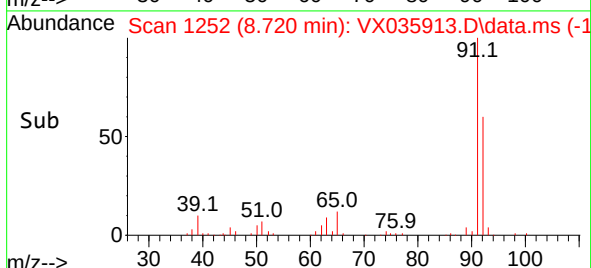
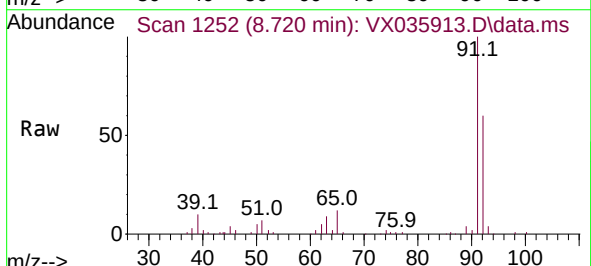
Manual Integrations
APPROVED

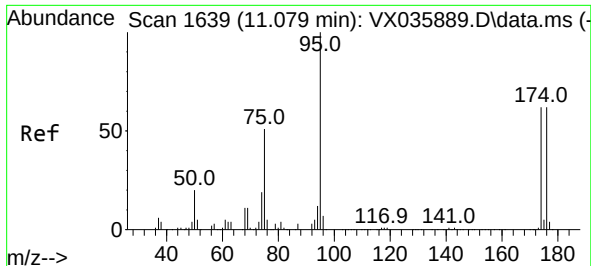
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#52
Toluene
Concen: 5.376 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

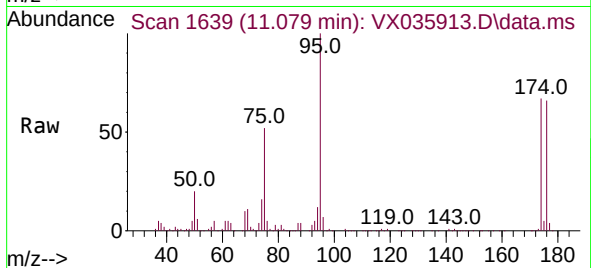
Tgt Ion: 92 Resp: 37605
Ion Ratio Lower Upper
92 100
91 170.1 133.5 200.3





#62
4-Bromofluorobenzene
Concen: 45.188 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

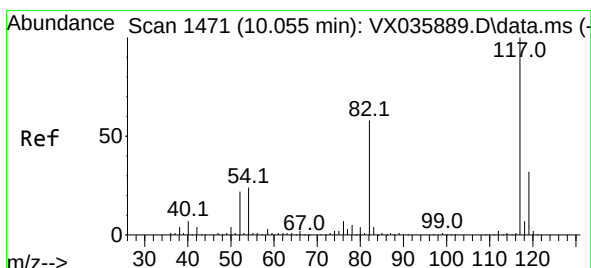
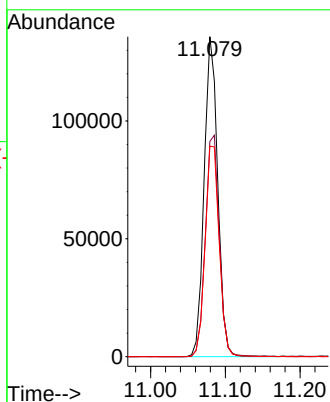
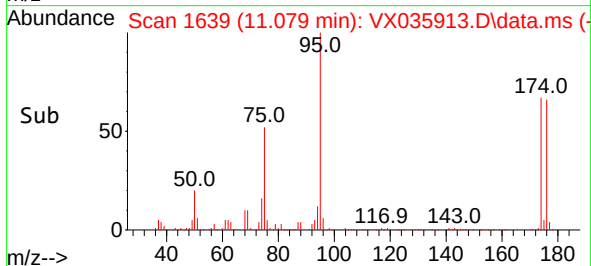
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL



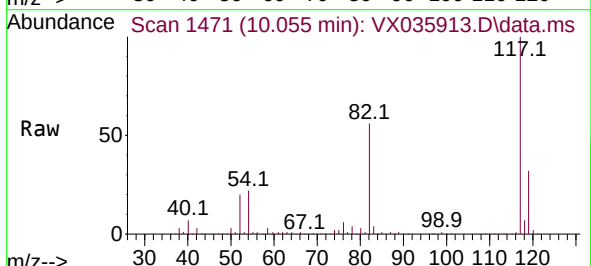
Tgt Ion: 95 Resp: 171112
Ion Ratio Lower Upper
95 100
174 70.9 0.0 132.6
176 68.3 0.0 128.0

Manual Integrations
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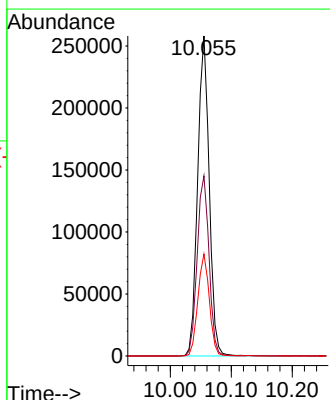
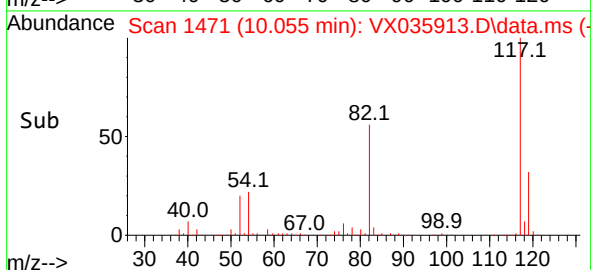
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

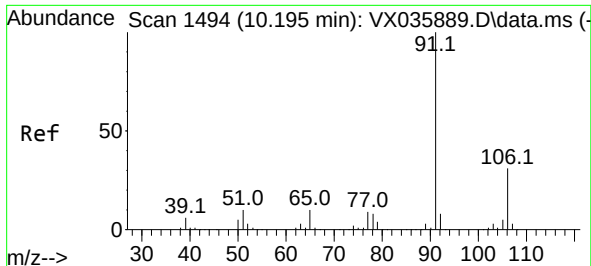


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58



Tgt Ion:117 Resp: 340344
Ion Ratio Lower Upper
117 100
82 56.3 46.6 69.8
119 31.8 25.4 38.2





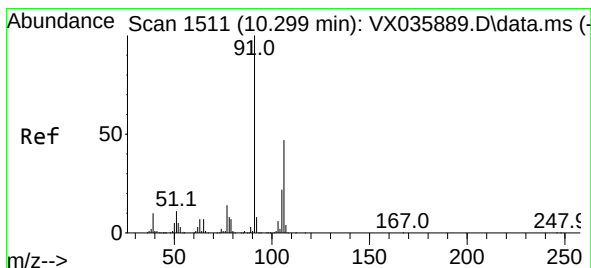
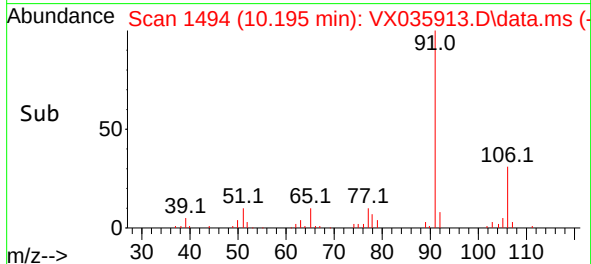
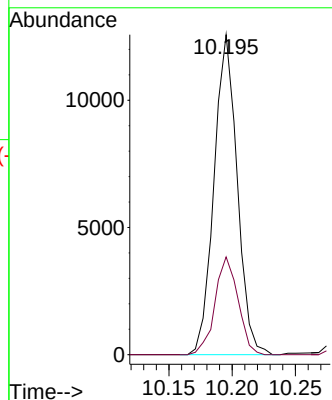
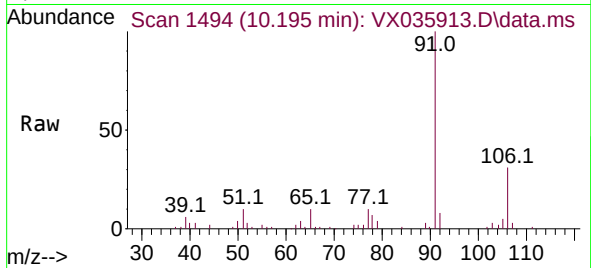
#67
Ethyl Benzene
Concen: 1.190 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL

Tgt Ion: 91 Resp: 1600
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0

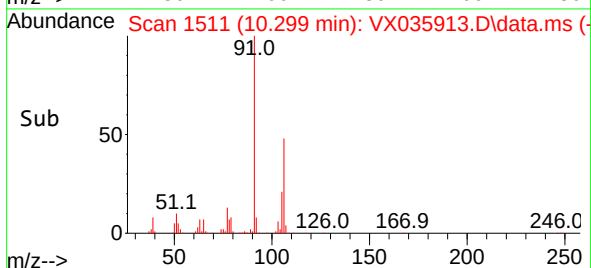
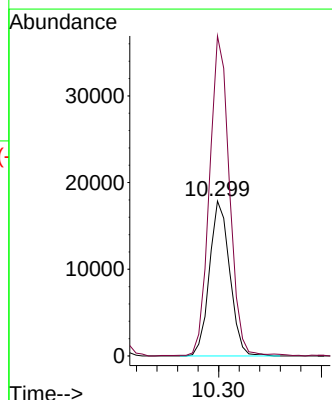
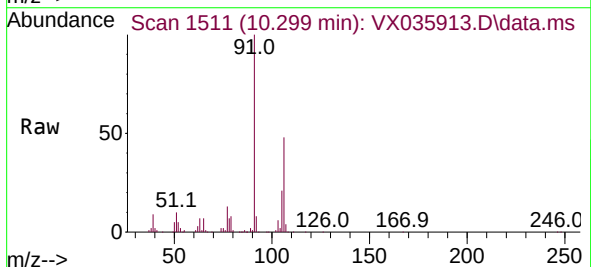
Manual Integrations
APPROVED

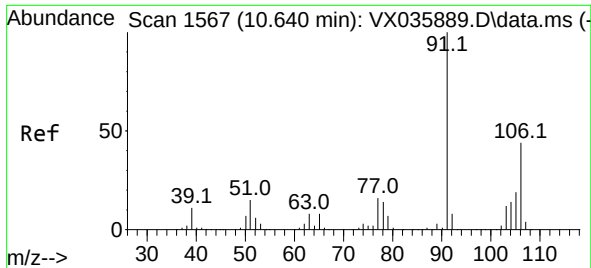
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#68
m/p-Xylenes
Concen: 4.934 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

Tgt Ion:106 Resp: 24541
Ion Ratio Lower Upper
106 100
91 204.1 169.8 254.8





#69
o-Xylene
Concen: 2.261 ug/l
RT: 10.640 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

Instrument :

MSVOA_X

ClientSampleId :

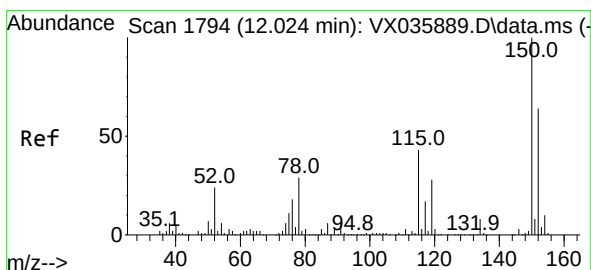
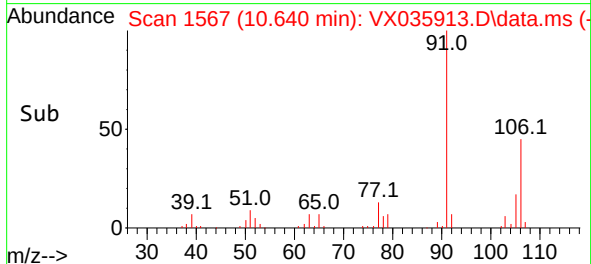
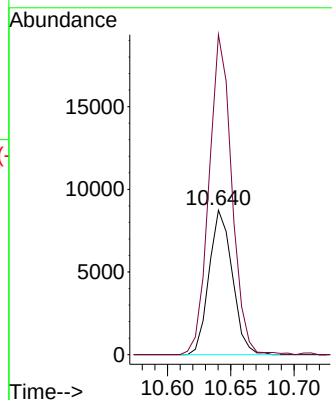
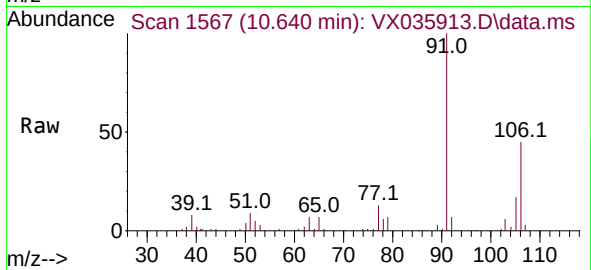
FMC-665DL

Tgt Ion:106 Resp: 11174
Ion Ratio Lower Upper
106 100
91 217.5 112.5 337.4

Manual Integrations

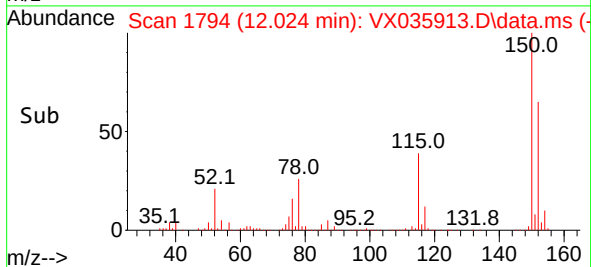
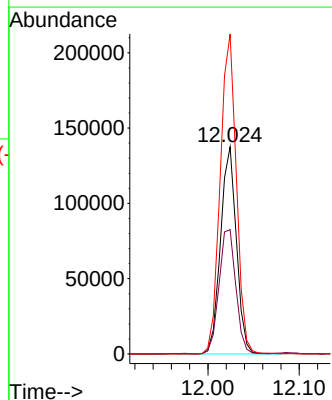
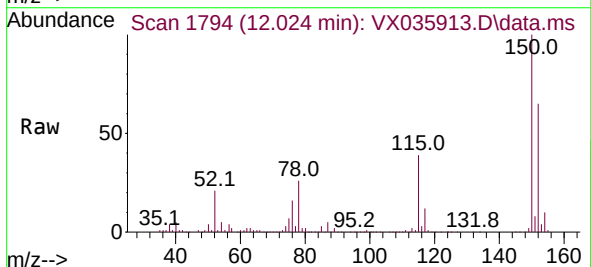
APPROVED

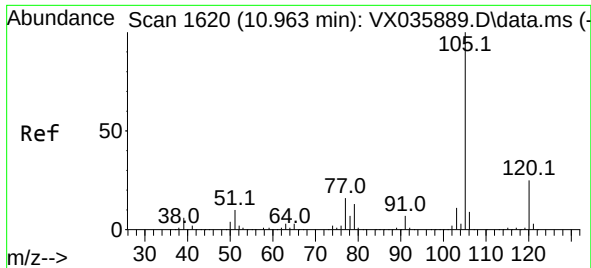
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

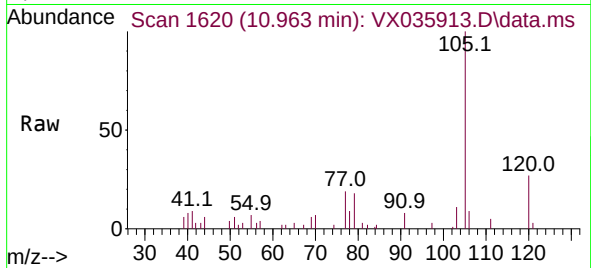
Tgt Ion:152 Resp: 166497
Ion Ratio Lower Upper
152 100
115 63.6 45.5 136.5
150 156.8 0.0 345.2





#73
Isopropylbenzene
Concen: 0.338 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

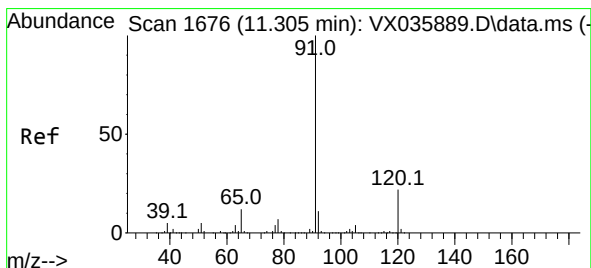
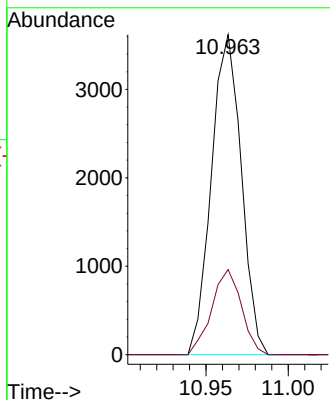
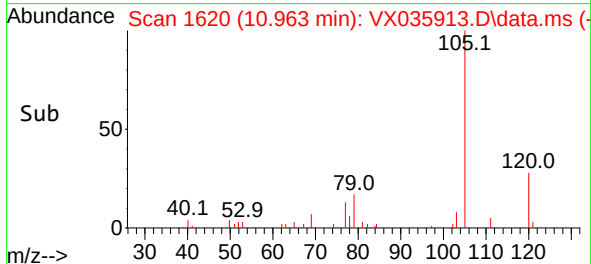
Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL



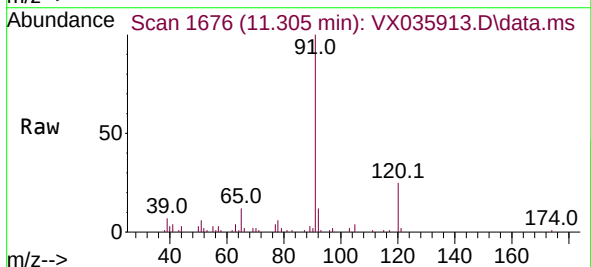
Tgt Ion:105 Resp: 457
Ion Ratio Lower Upper
105 100
120 26.5 12.7 38.0

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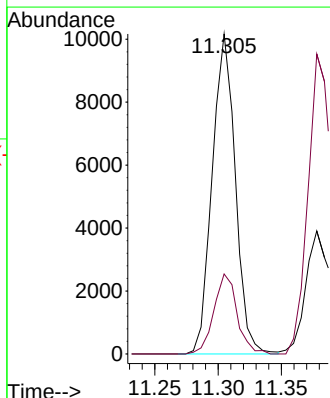
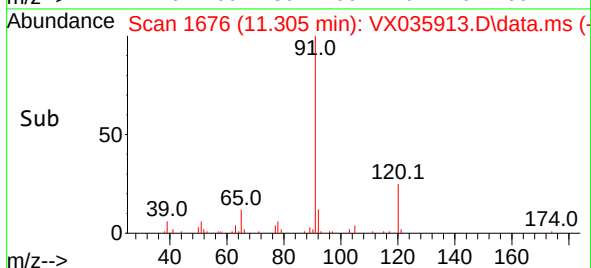
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023

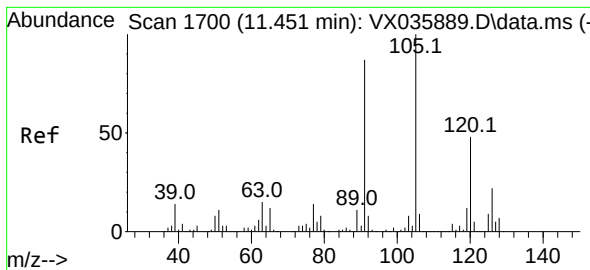


#78
n-propylbenzene
Concen: 0.820 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58



Tgt Ion: 91 Resp: 12908
Ion Ratio Lower Upper
91 100
120 25.0 10.9 32.9





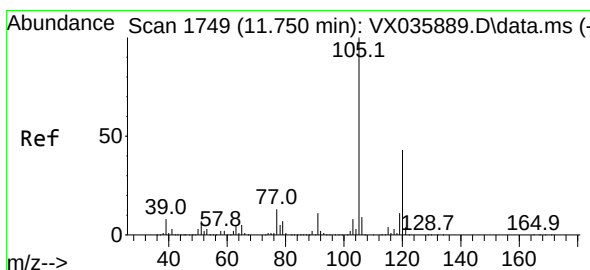
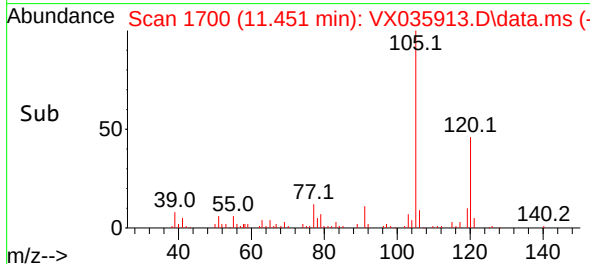
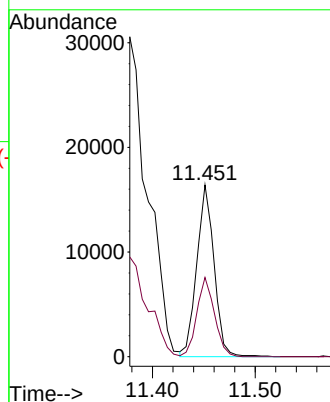
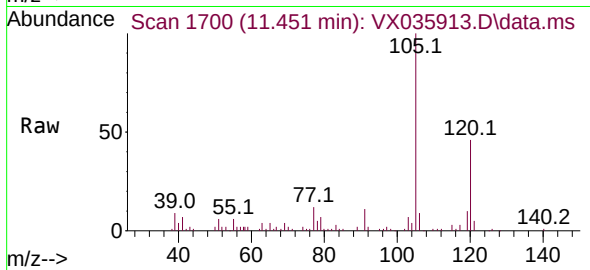
#80
1,3,5-Trimethylbenzene
Concen: 1.674 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

Instrument :
MSVOA_X
ClientSampleId :
FMC-665DL

Tgt Ion:105 Resp: 19258
Ion Ratio Lower Upper
105 100
120 46.8 23.8 71.4

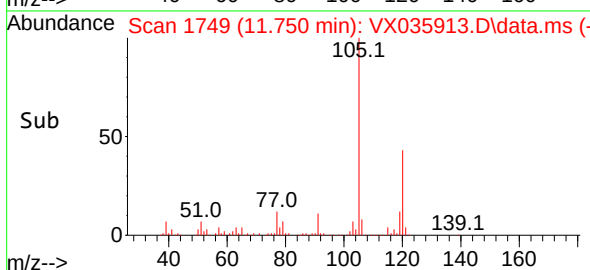
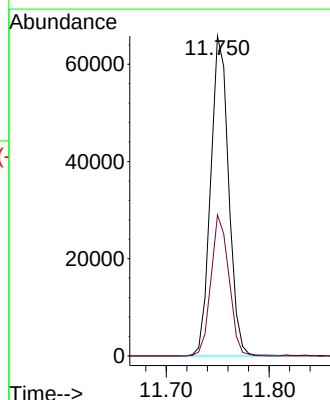
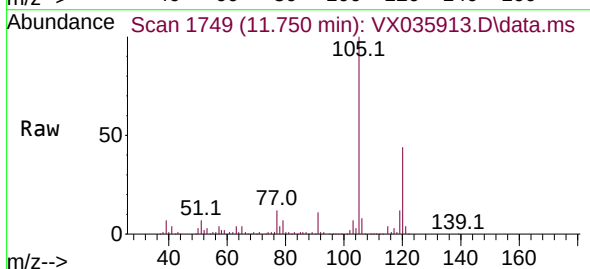
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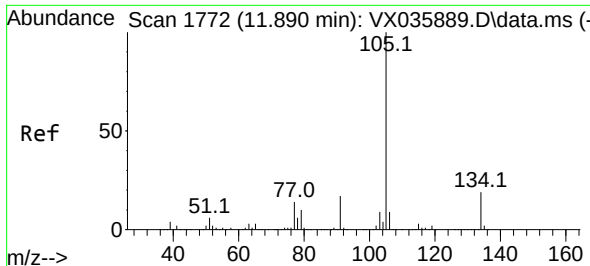
Reviewed By :Semsettin Yesilyurt 05/31/2023
Supervised By :Mahesh Dadoda 05/31/2023



#84
1,2,4-Trimethylbenzene
Concen: 6.940 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX035913.D
Acq: 30 May 2023 17:58

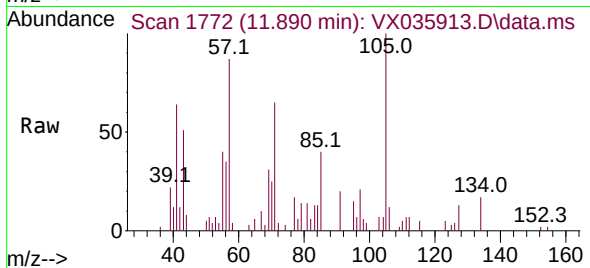
Tgt Ion:105 Resp: 79963
Ion Ratio Lower Upper
105 100
120 43.8 21.6 64.8





#85
 sec-Butylbenzene
 Concen: 0.280 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX035913.D
 Acq: 30 May 2023 17:58

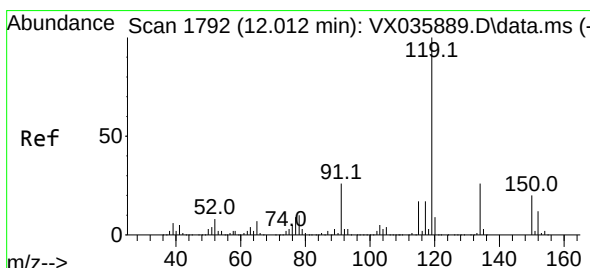
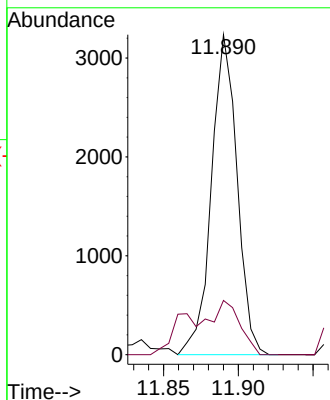
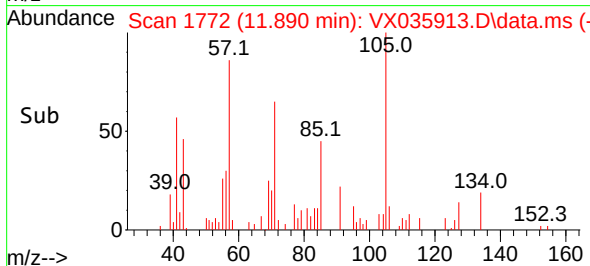
Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-665DL



Tgt Ion:105 Resp: 3860
 Ion Ratio Lower Upper
 105 100
 134 13.4 9.7 28.9

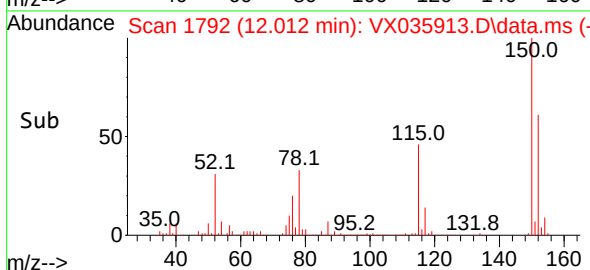
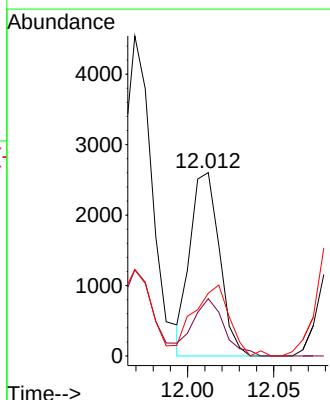
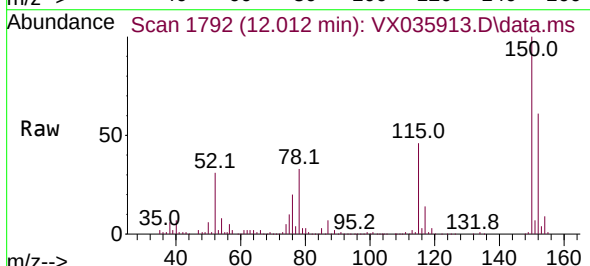
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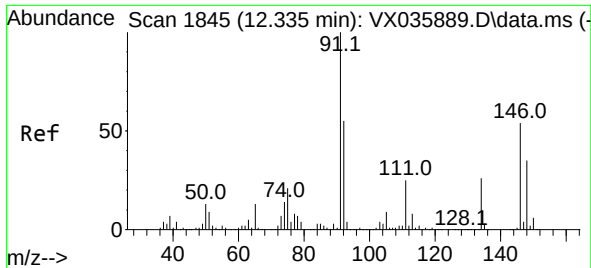
Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023



#86
 p-Isopropyltoluene
 Concen: 0.267 ug/l m
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX035913.D
 Acq: 30 May 2023 17:58

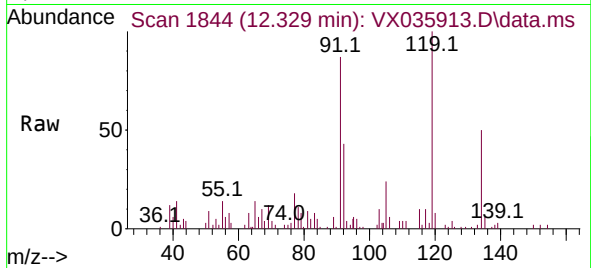
Tgt Ion:119 Resp: 3087
 Ion Ratio Lower Upper
 119 100
 134 50.2 12.7 38.1#
 91 51.0 13.5 40.5#





#89
 n-Butylbenzene
 Concen: 1.038 ug/l
 RT: 12.329 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX035913.D
 Acq: 30 May 2023 17:58

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-665DL



Tgt Ion: 91 Resp: 1053

Ion	Ratio	Lower	Upper
91	100		
92	38.0	27.3	81.8
134	83.6	12.4	37.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

