

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035906.D
 Acq On : 30 May 2023 15:14
 Operator : JC/MD
 Sample : 02902-01
 Misc : 1.15g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-0096

Quant Time: May 30 16:32:41 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	5.544	168	215841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	358278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160836	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	156217	40.728	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	81.460%
35) Dibromofluoromethane	5.391	113	96210	39.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	78.180%
50) Toluene-d8	8.647	98	423443	46.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.760%
62) 4-Bromofluorobenzene	11.085	95	172044	48.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.700%

Target Compounds

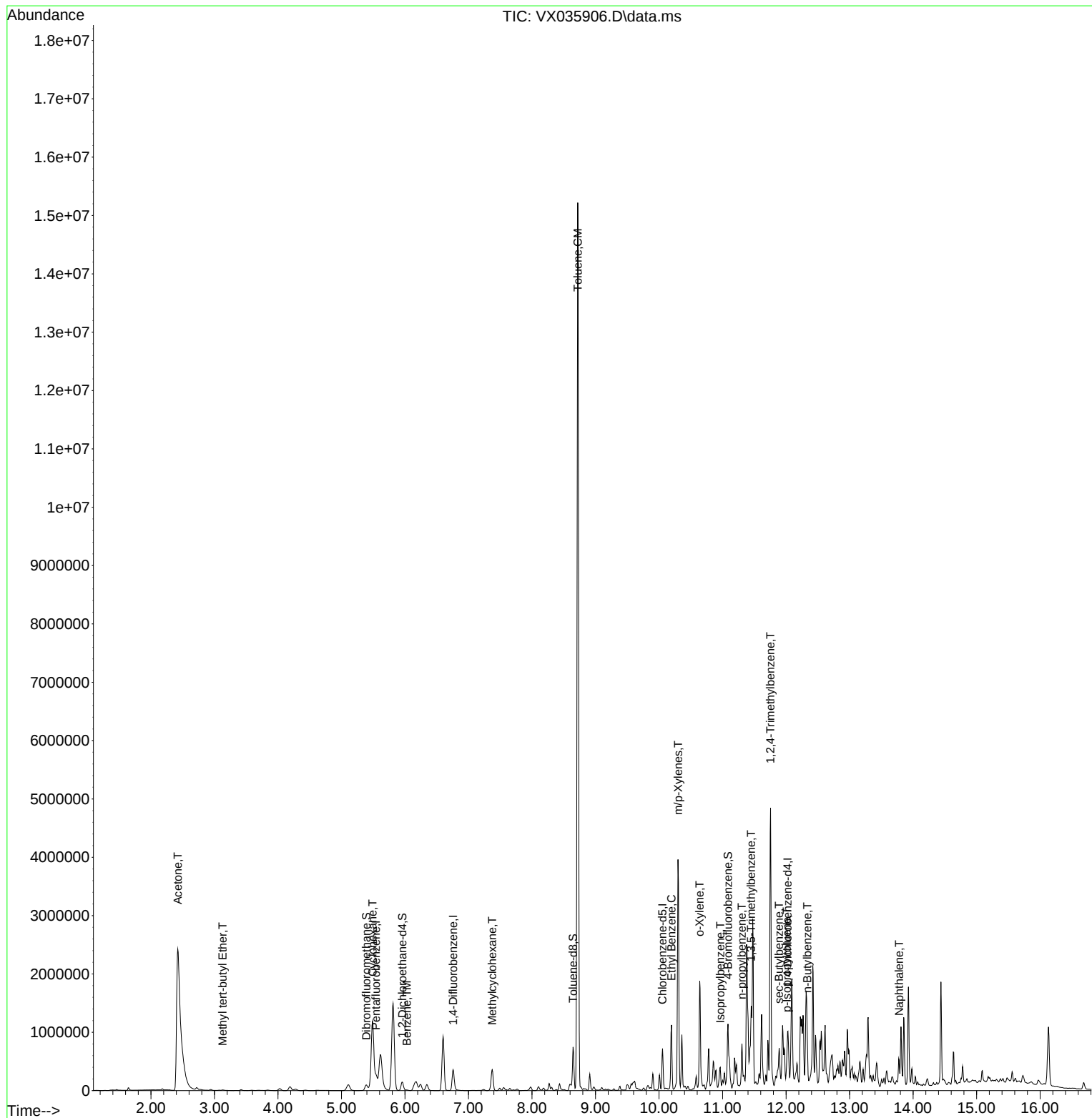
						Qvalue
16) Acetone	2.422	43	7452735	4812.847	ug/l	95
19) Methyl tert-butyl Ether	3.129	73	10733	1.175	ug/l #	88
31) Cyclohexane	5.489	56	292205	64.140	ug/l #	46
39) Methylcyclohexane	7.373	83	155582	36.488	ug/l	97
40) Benzene	6.031	78	11001	1.051	ug/l	91
52) Toluene	8.720	92	6076620	924.386	ug/l	90
67) Ethyl Benzene	10.195	91	620837	49.502	ug/l	99
68) m/p-Xylenes	10.299	106	883864	190.481	ug/l	97
69) o-Xylene	10.640	106	399257	86.611	ug/l	98
73) Isopropylbenzene	10.963	105	158346	12.139	ug/l	99
78) n-propylbenzene	11.305	91	440729	28.988	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	530441	47.727	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	2057396	184.852	ug/l	96
85) sec-Butylbenzene	11.890	105	128125	9.610	ug/l #	78
86) p-Isopropyltoluene	12.012	119	93667	8.402	ug/l	99
89) n-Butylbenzene	12.335	91	298195	30.430	ug/l #	54
95) Naphthalene	13.780	128	277980	24.532	ug/l	98

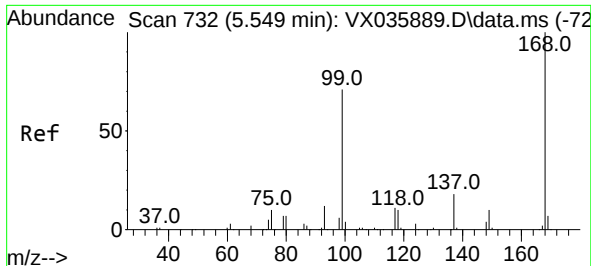
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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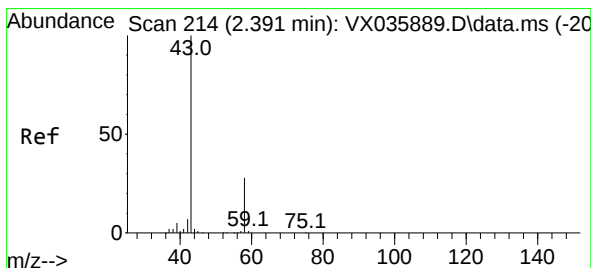
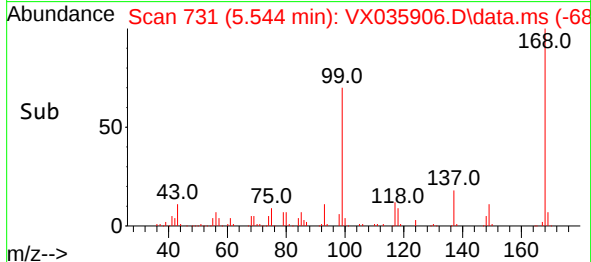
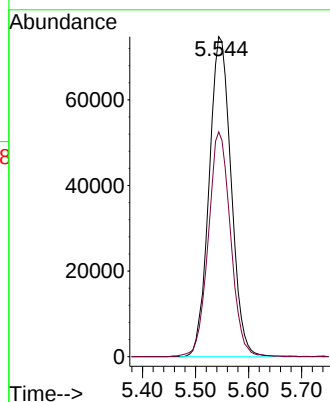
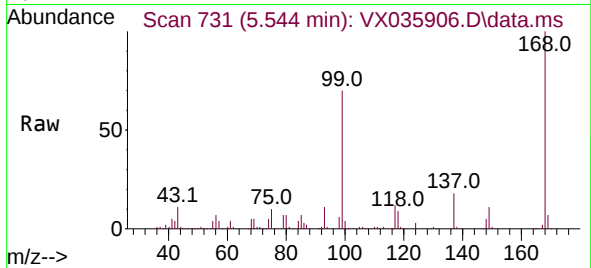




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

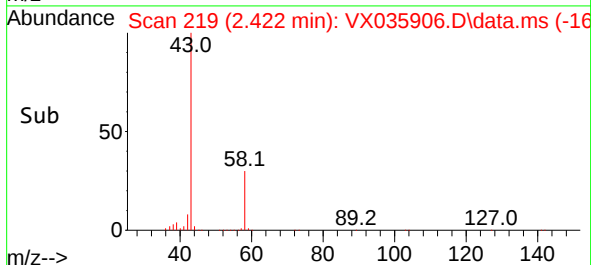
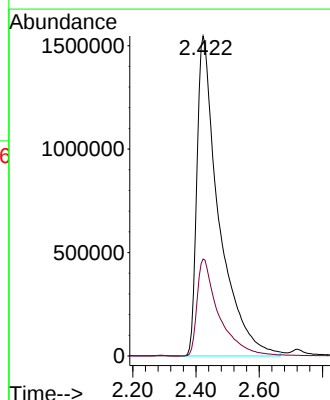
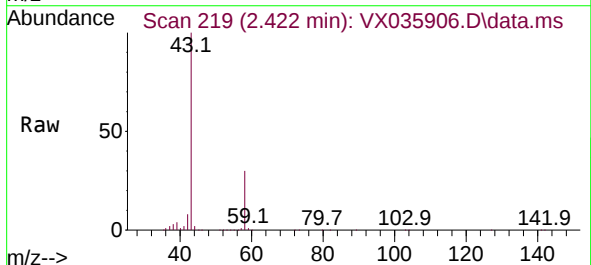
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

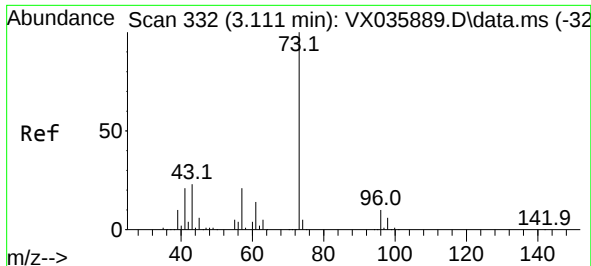
Tgt Ion:168 Resp: 215841
Ion Ratio Lower Upper
168 100
99 70.1 57.0 85.6



#16
Acetone
Concen: 4812.847 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.031 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion: 43 Resp: 7452735
Ion Ratio Lower Upper
43 100
58 30.3 22.2 33.2

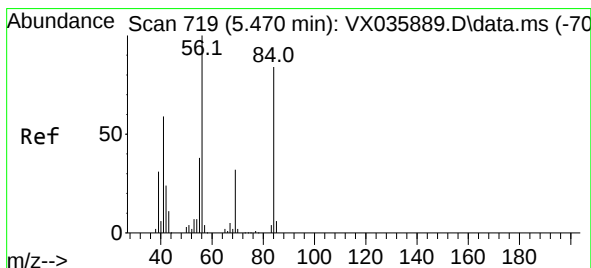
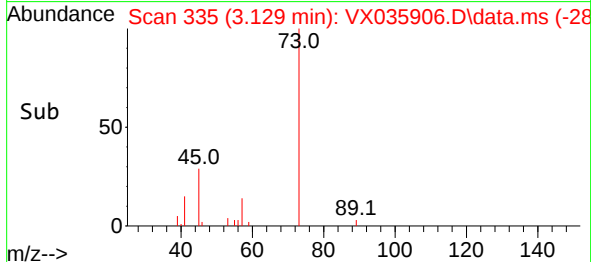
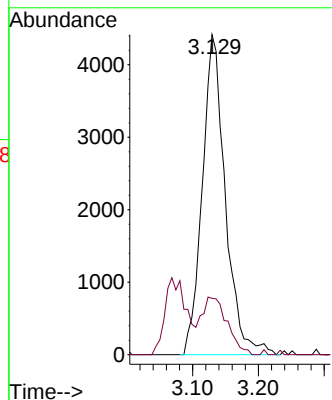
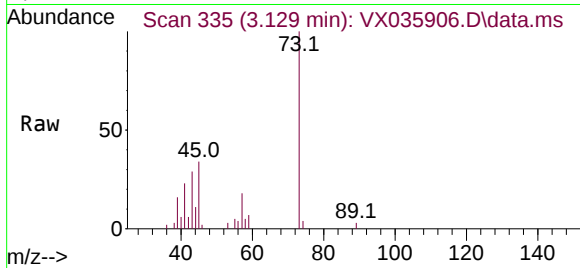




#19
Methyl tert-butyl Ether
Concen: 1.175 ug/l
RT: 3.129 min Scan# 31
Delta R.T. 0.019 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

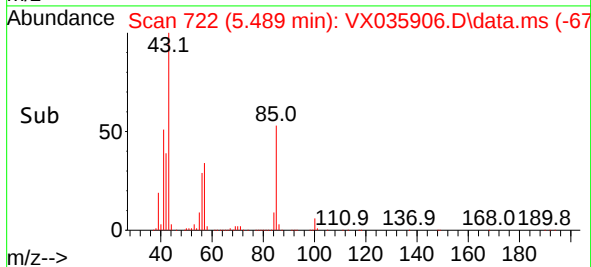
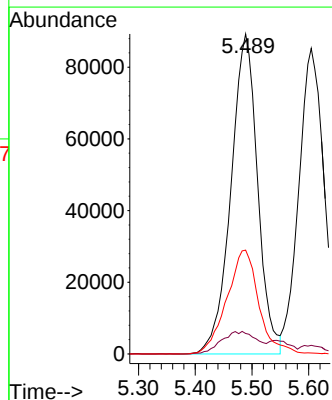
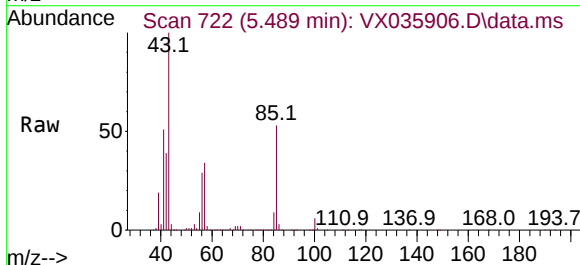
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

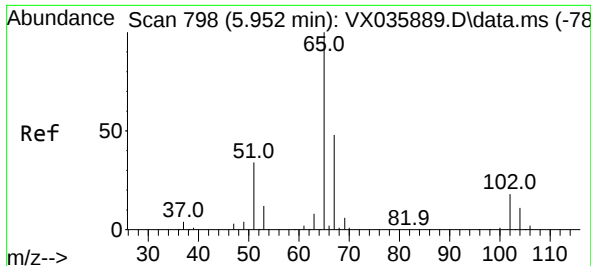
Tgt Ion: 73 Resp: 10733
Ion Ratio Lower Upper
73 100
57 16.2 17.6 26.4#



#31
Cyclohexane
Concen: 64.140 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.019 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion: 56 Resp: 292205
Ion Ratio Lower Upper
56 100
69 6.4 25.9 38.9#
84 32.4 67.6 101.4#





#33

1,2-Dichloroethane-d4

Concen: 40.728 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

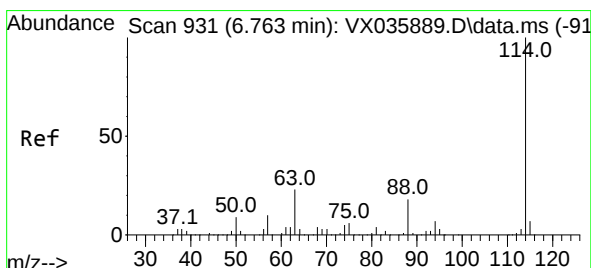
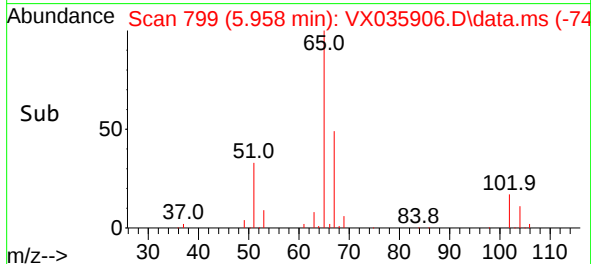
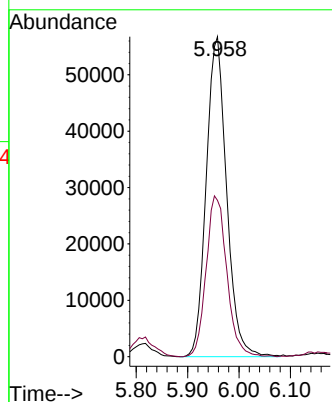
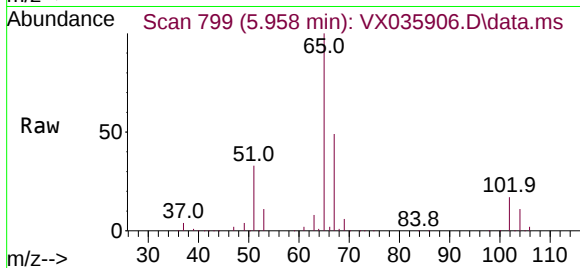
FMC-0096

Tgt Ion: 65 Resp: 156217

Ion Ratio Lower Upper

65 100

67 50.9 0.0 99.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

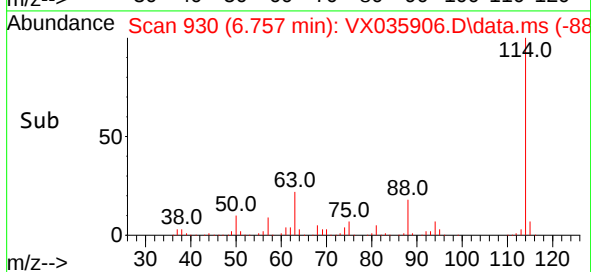
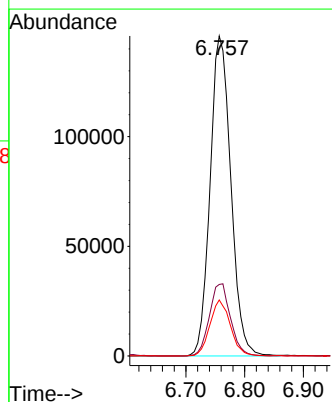
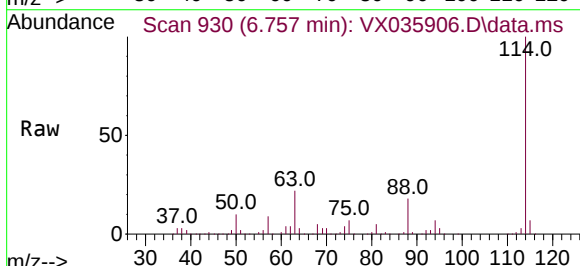
Tgt Ion: 114 Resp: 358278

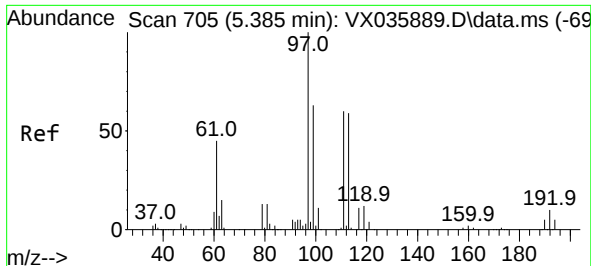
Ion Ratio Lower Upper

114 100

63 22.4 0.0 46.0

88 17.5 0.0 35.2





#35

Dibromofluoromethane

Concen: 39.093 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

FMC-0096

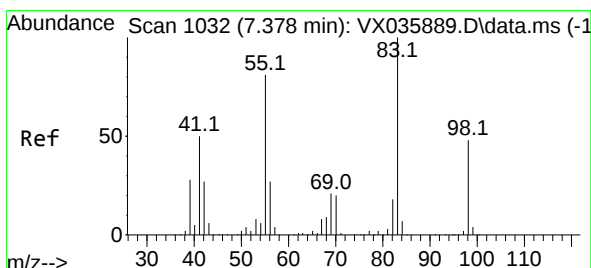
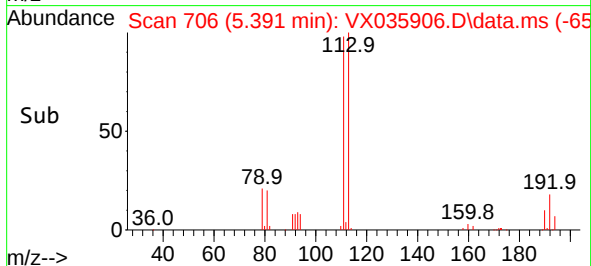
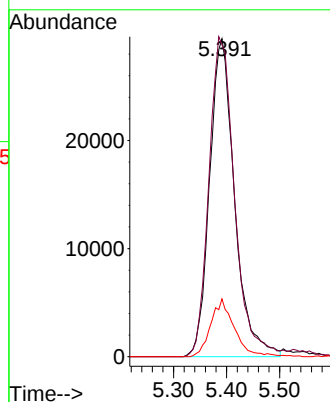
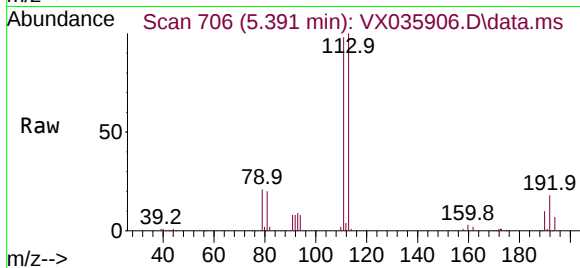
Tgt Ion:113 Resp: 96210

Ion Ratio Lower Upper

113 100

111 103.5 81.7 122.5

192 17.3 13.5 20.3



#39

Methylcyclohexane

Concen: 36.488 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

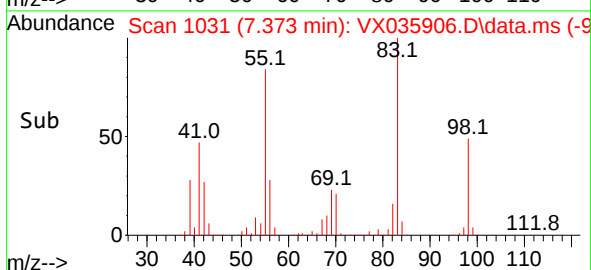
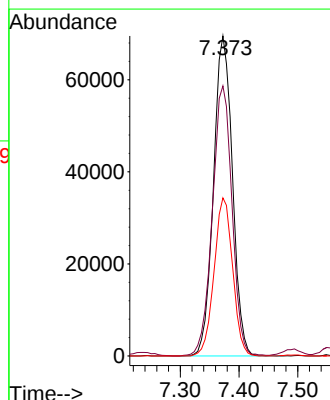
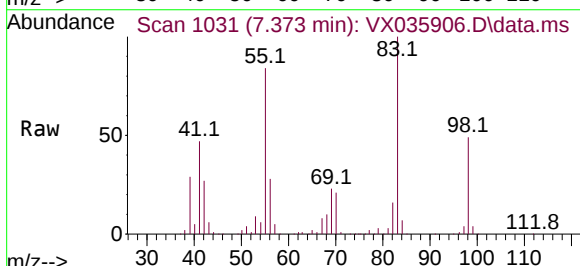
Tgt Ion: 83 Resp: 155582

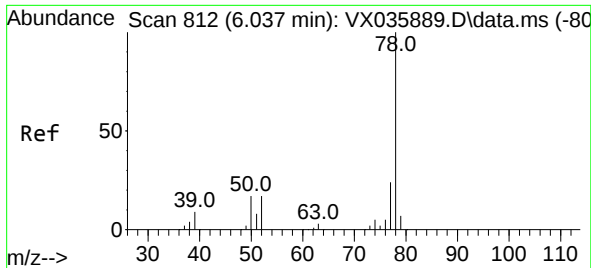
Ion Ratio Lower Upper

83 100

55 84.4 64.9 97.3

98 49.4 38.1 57.1





#40

Benzene

Concen: 1.051 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

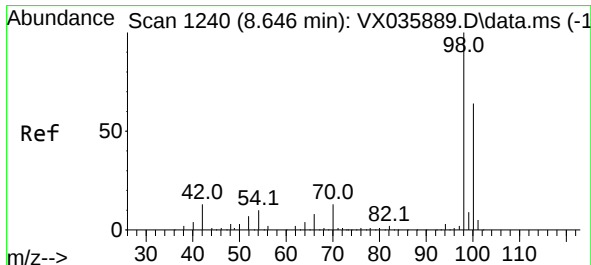
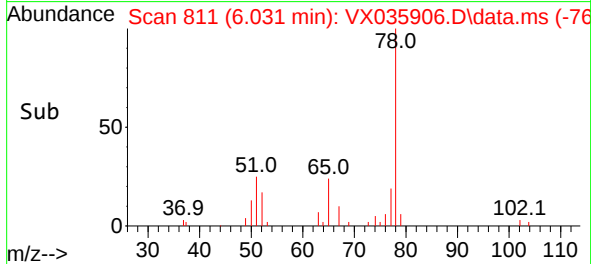
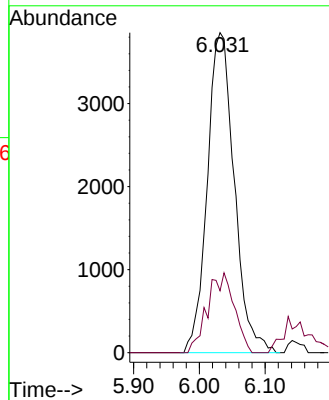
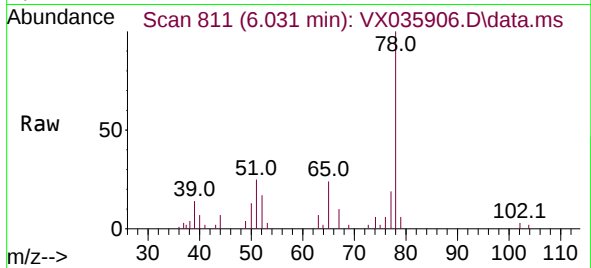
FMC-0096

Tgt Ion: 78 Resp: 11001

Ion Ratio Lower Upper

78 100

77 19.4 19.0 28.6



#50

Toluene-d8

Concen: 46.883 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX035906.D

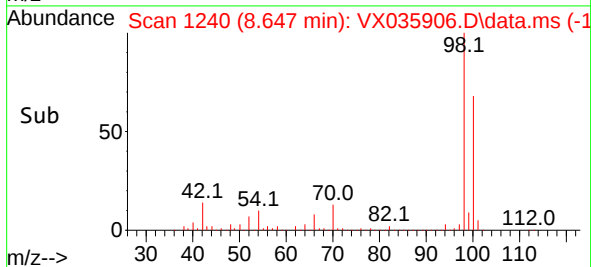
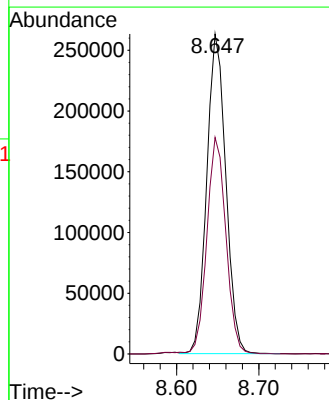
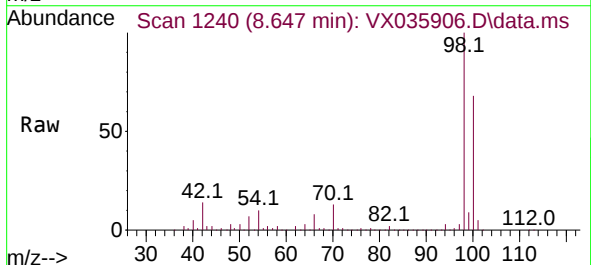
Acq: 30 May 2023 15:14

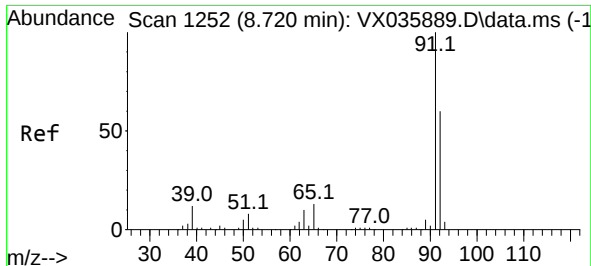
Tgt Ion: 98 Resp: 423443

Ion Ratio Lower Upper

98 100

100 67.7 53.4 80.0

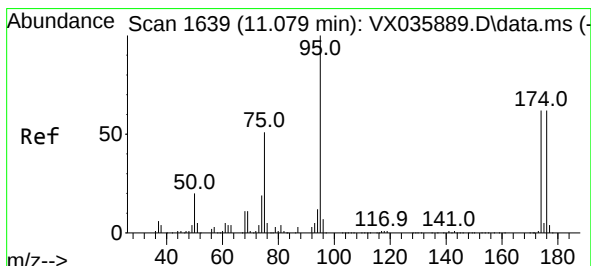
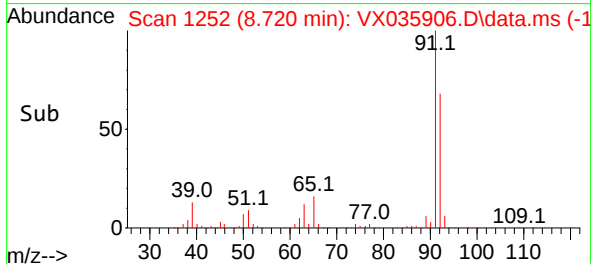
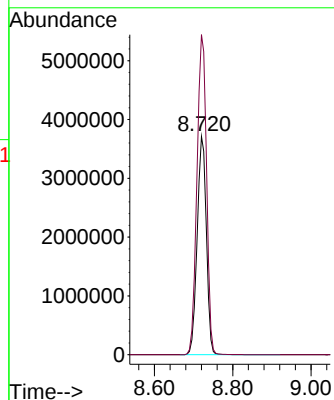
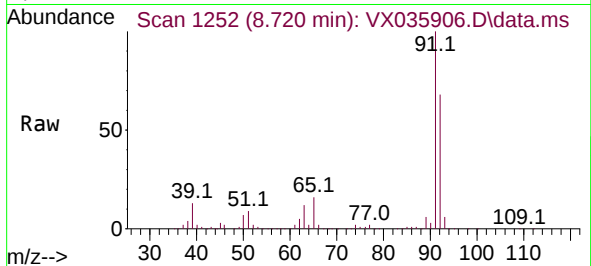




#52
Toluene
Concen: 924.386 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

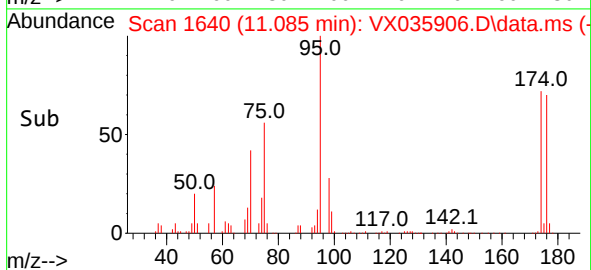
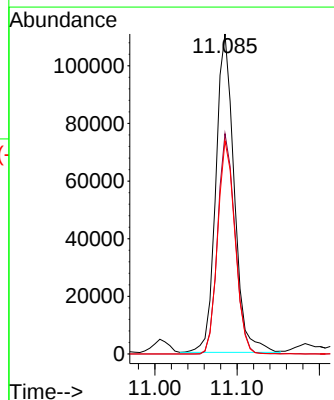
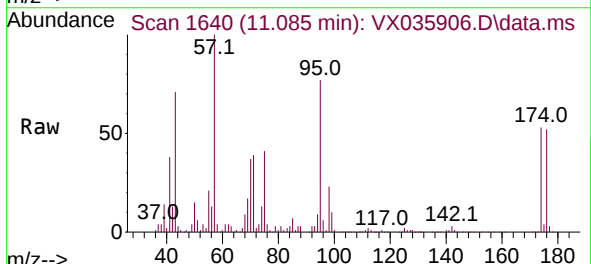
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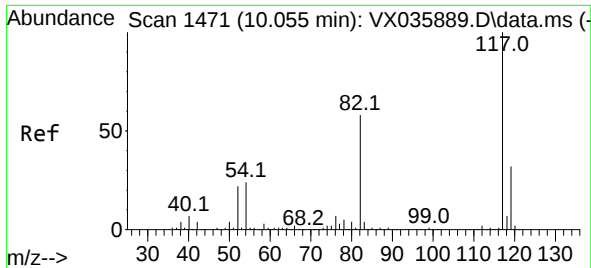
Tgt Ion: 92 Resp: 6076620
Ion Ratio Lower Upper
92 100
91 153.4 133.5 200.3



#62
4-Bromofluorobenzene
Concen: 48.347 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion: 95 Resp: 172044
Ion Ratio Lower Upper
95 100
174 64.8 0.0 132.6
176 62.9 0.0 128.0

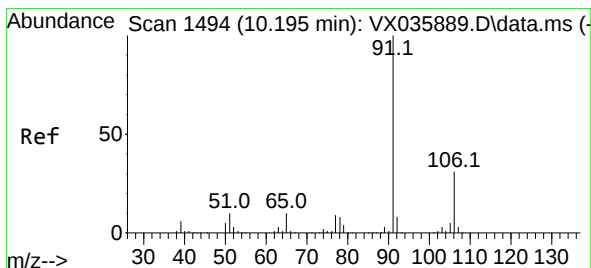
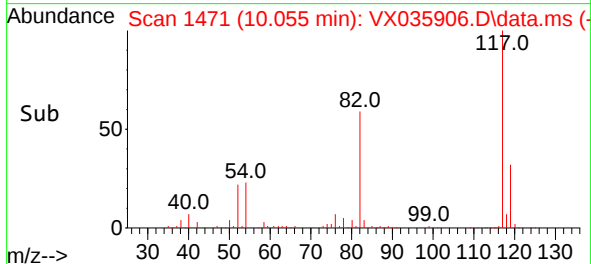
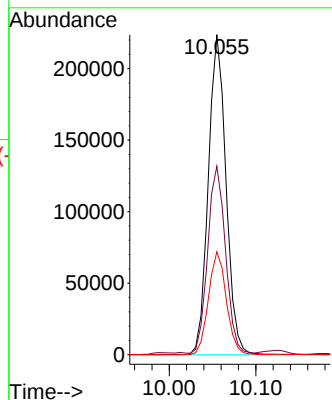
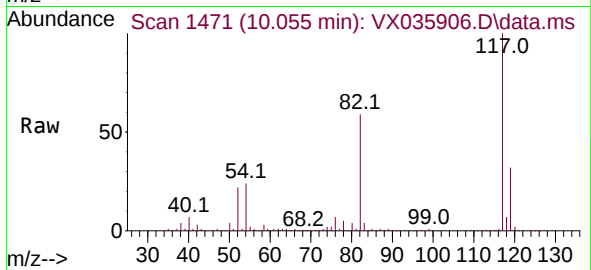




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

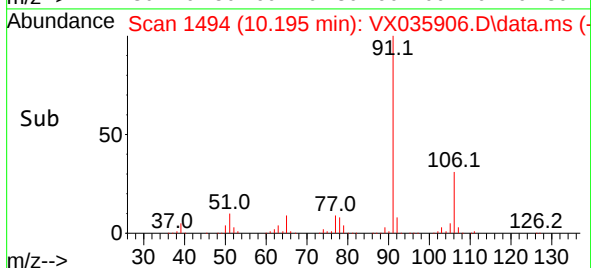
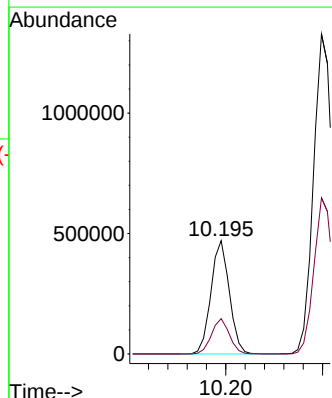
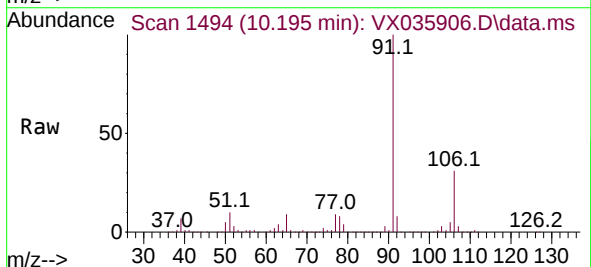
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

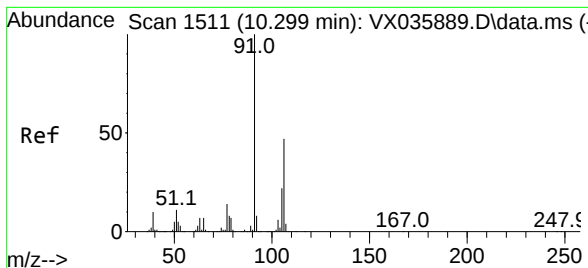
Tgt Ion:117 Resp: 317521
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 32.1 25.4 38.2



#67
Ethyl Benzene
Concen: 49.502 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion: 91 Resp: 620837
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

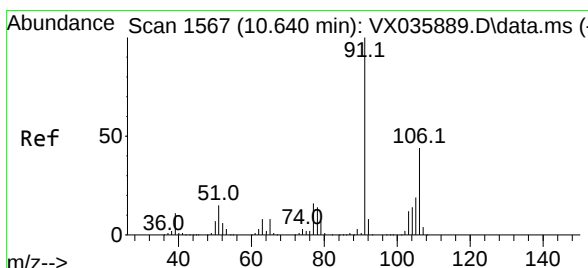
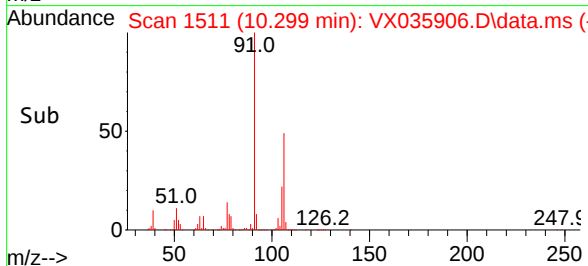
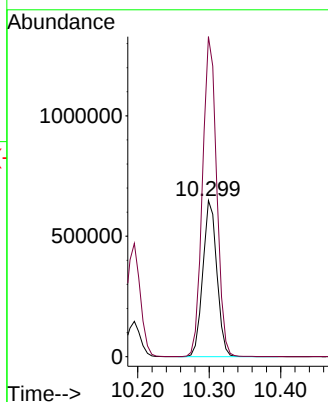
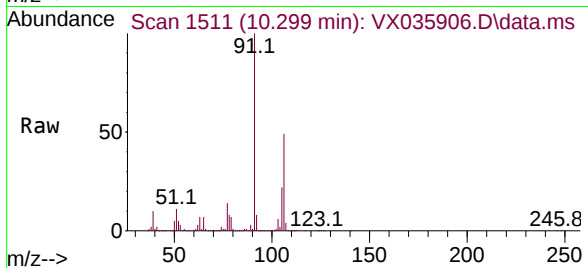




#68
m/p-Xylenes
Concen: 190.481 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

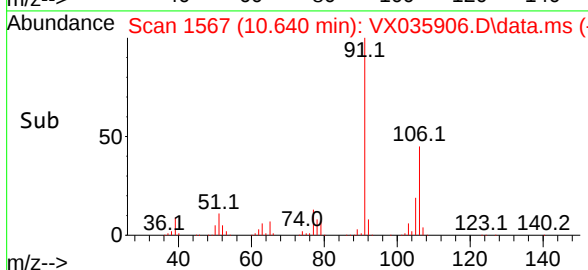
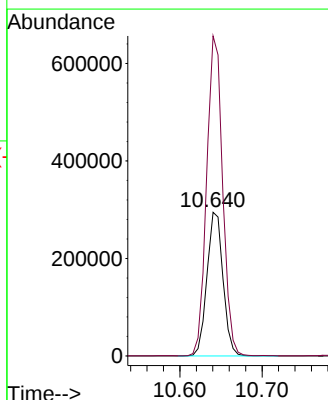
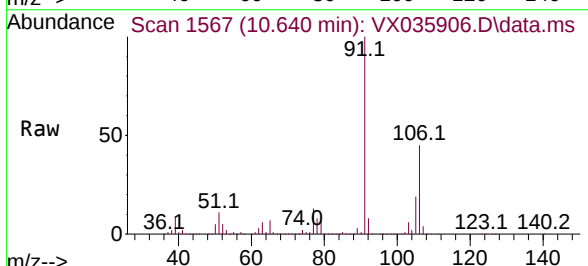
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

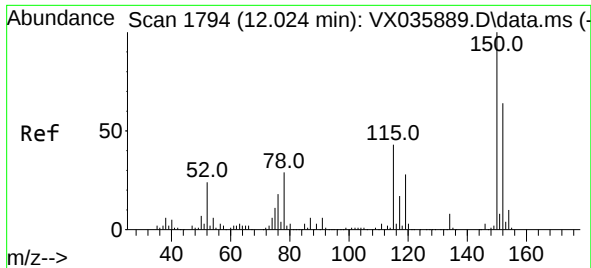
Tgt Ion:106 Resp: 883864
Ion Ratio Lower Upper
106 100
91 207.1 169.8 254.8



#69
o-Xylene
Concen: 86.611 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion:106 Resp: 399257
Ion Ratio Lower Upper
106 100
91 222.0 112.5 337.4

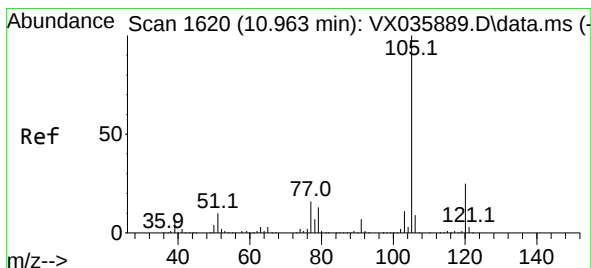
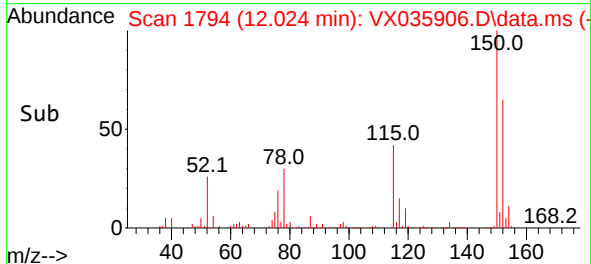
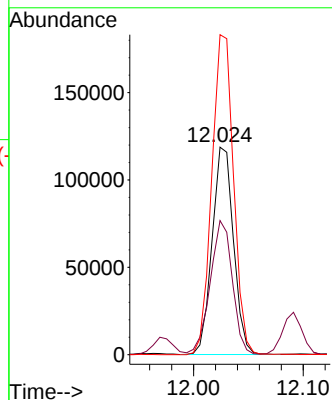
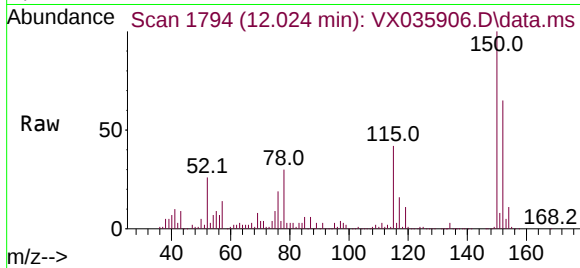




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

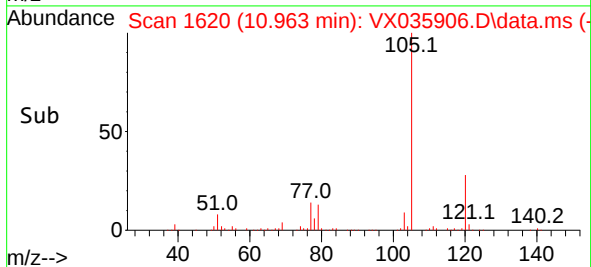
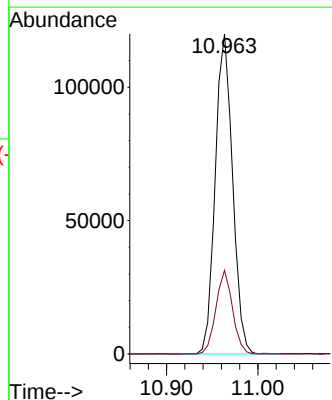
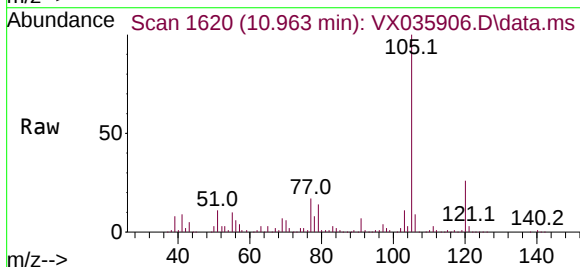
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

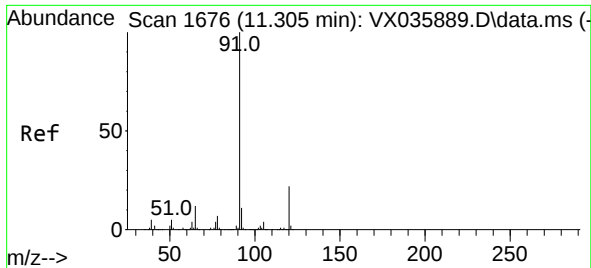
Tgt Ion:152 Resp: 160836
Ion Ratio Lower Upper
152 100
115 66.5 45.5 136.5
150 156.8 0.0 345.2



#73
Isopropylbenzene
Concen: 12.139 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion:105 Resp: 158346
Ion Ratio Lower Upper
105 100
120 25.0 12.7 38.0

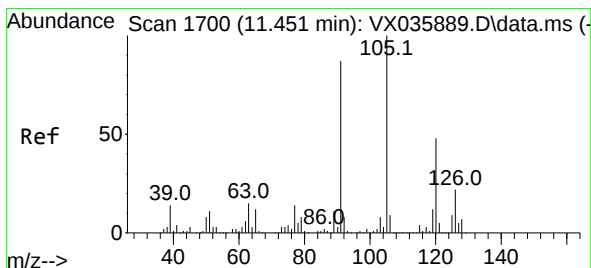
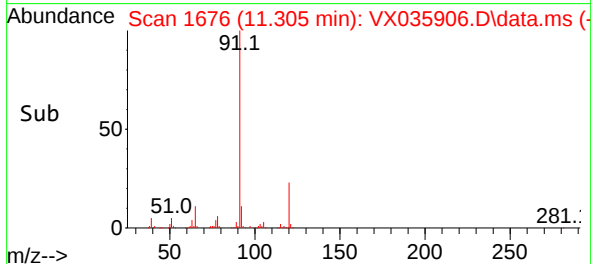
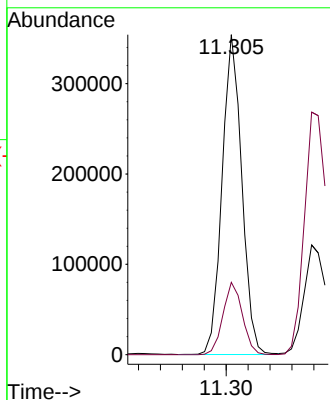
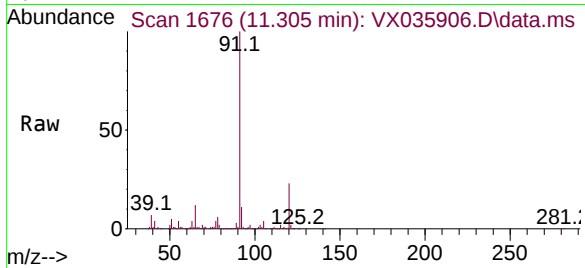




#78
n-propylbenzene
Concen: 28.988 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

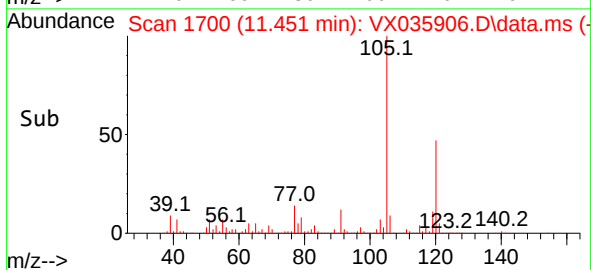
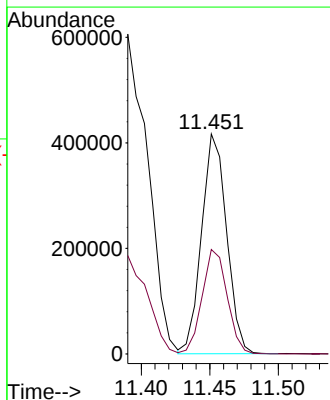
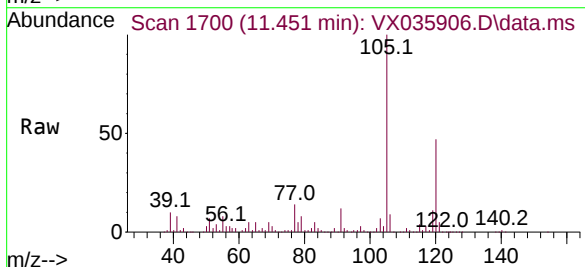
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

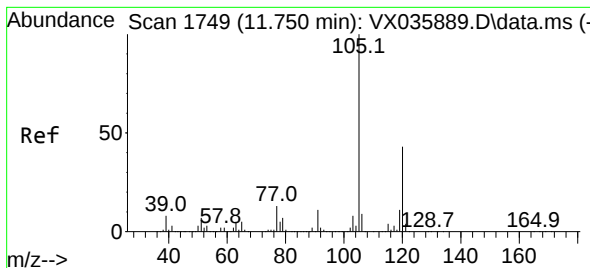
Tgt Ion: 91 Resp: 440729
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 47.727 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Tgt Ion: 105 Resp: 530441
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.4





#84

1,2,4-Trimethylbenzene

Concen: 184.852 ug/l

RT: 11.756 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VX035906.D

Acq: 30 May 2023 15:14

Instrument :

MSVOA_X

ClientSampleId :

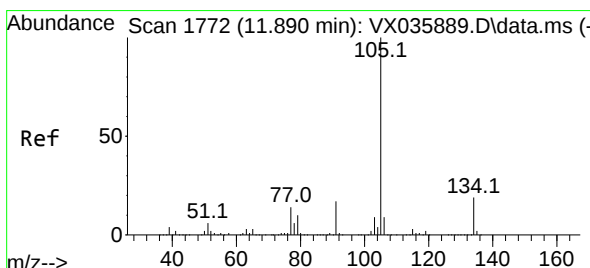
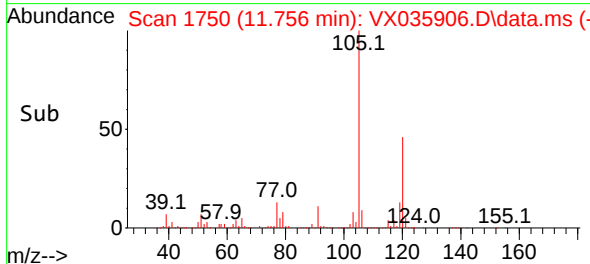
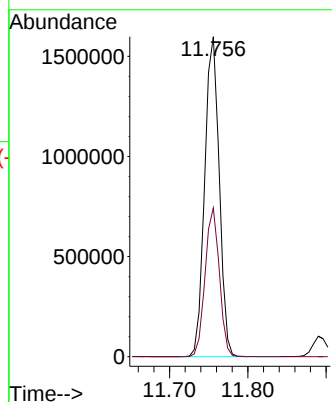
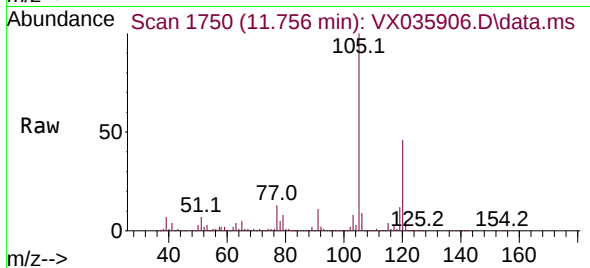
FMC-0096

Tgt Ion:105 Resp: 2057396

Ion Ratio Lower Upper

105 100

120 45.5 21.6 64.8



#85

sec-Butylbenzene

Concen: 9.610 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035906.D

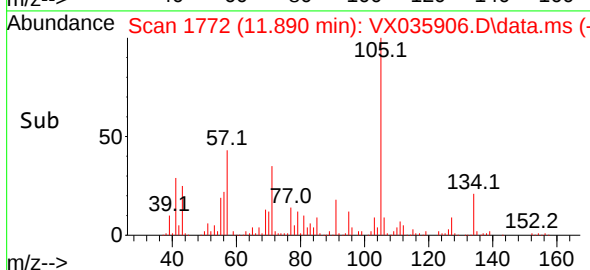
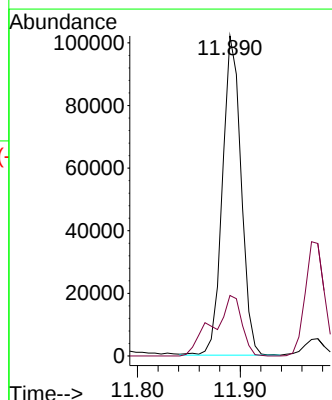
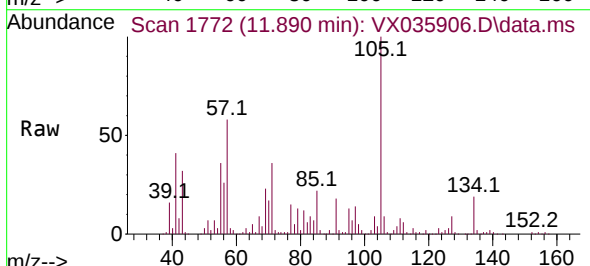
Acq: 30 May 2023 15:14

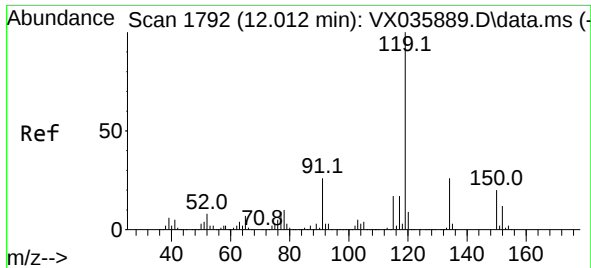
Tgt Ion:105 Resp: 128125

Ion Ratio Lower Upper

105 100

134 29.2 9.7 28.9#

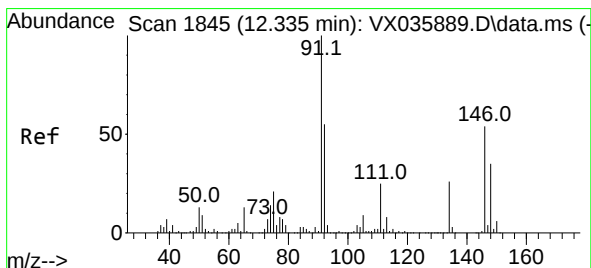
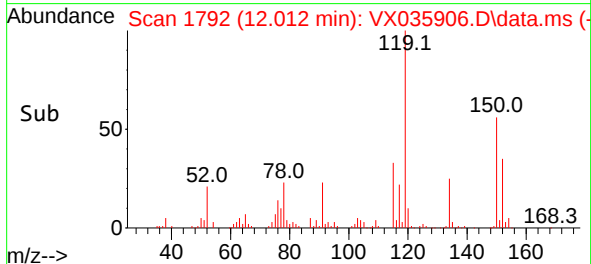
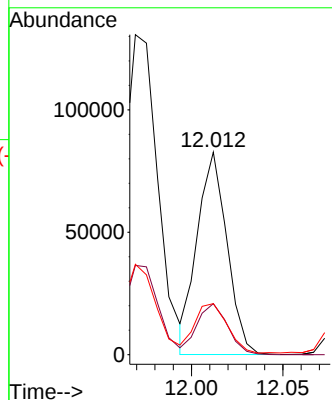
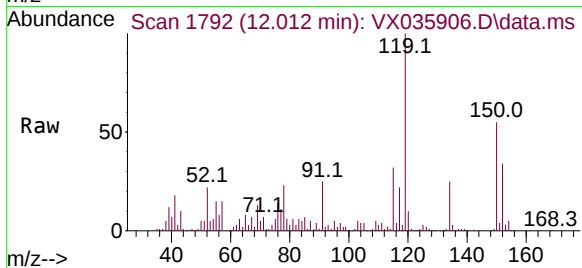




#86
p-Isopropyltoluene
Concen: 8.402 ug/l
RT: 12.012 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

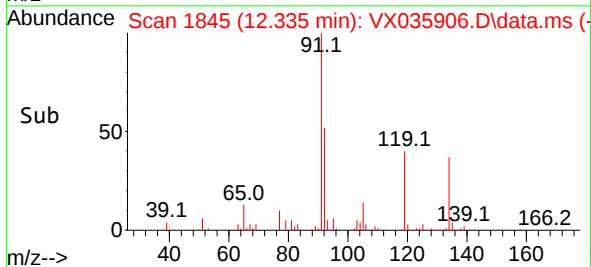
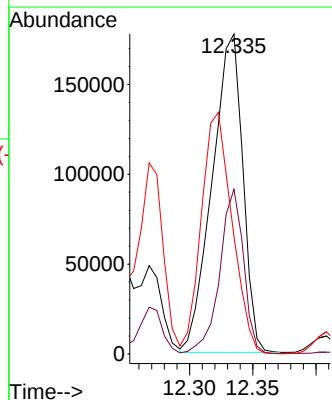
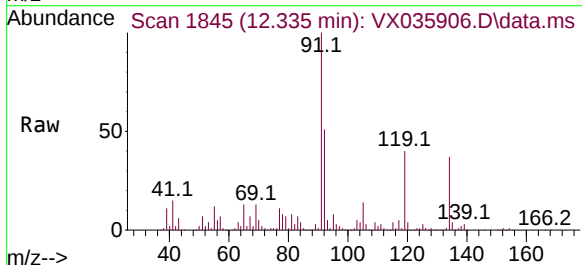
Instrument :
MSVOA_X
ClientSampleId :
FMC-0096

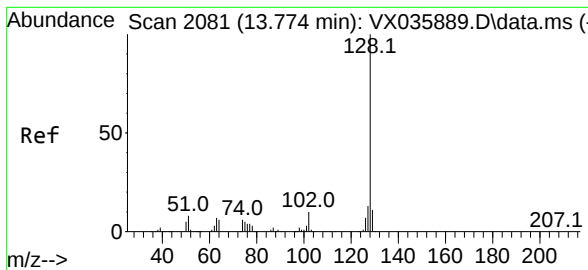
Tgt Ion:119 Resp: 93667
Ion Ratio Lower Upper
119 100
134 26.0 12.7 38.1
91 26.5 13.5 40.5



#89
n-Butylbenzene
Concen: 30.430 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

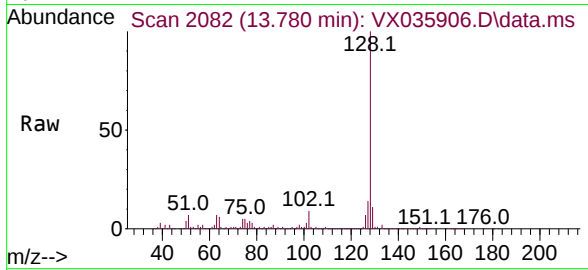
Tgt Ion: 91 Resp: 298195
Ion Ratio Lower Upper
91 100
92 40.2 27.3 81.8
134 76.3 12.4 37.0#





#95
Naphthalene
Concen: 24.532 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX035906.D
Acq: 30 May 2023 15:14

Instrument :
MSVOA_X
ClientSampleId :
FMC-0096



Tgt Ion:128 Resp: 277980
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 12.0 8.7 13.1

