

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035907.D
 Acq On : 30 May 2023 15:37
 Operator : JC/MD
 Sample : 02902-02
 Misc : 1.53g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-665

Quant Time: May 30 16:32:52 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	230150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	384768	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163261	39.918	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	79.840%
35) Dibromofluoromethane	5.385	113	111141	42.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.100%
50) Toluene-d8	8.647	98	454114	46.817	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.640%
62) 4-Bromofluorobenzene	11.085	95	176048	46.067	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.140%

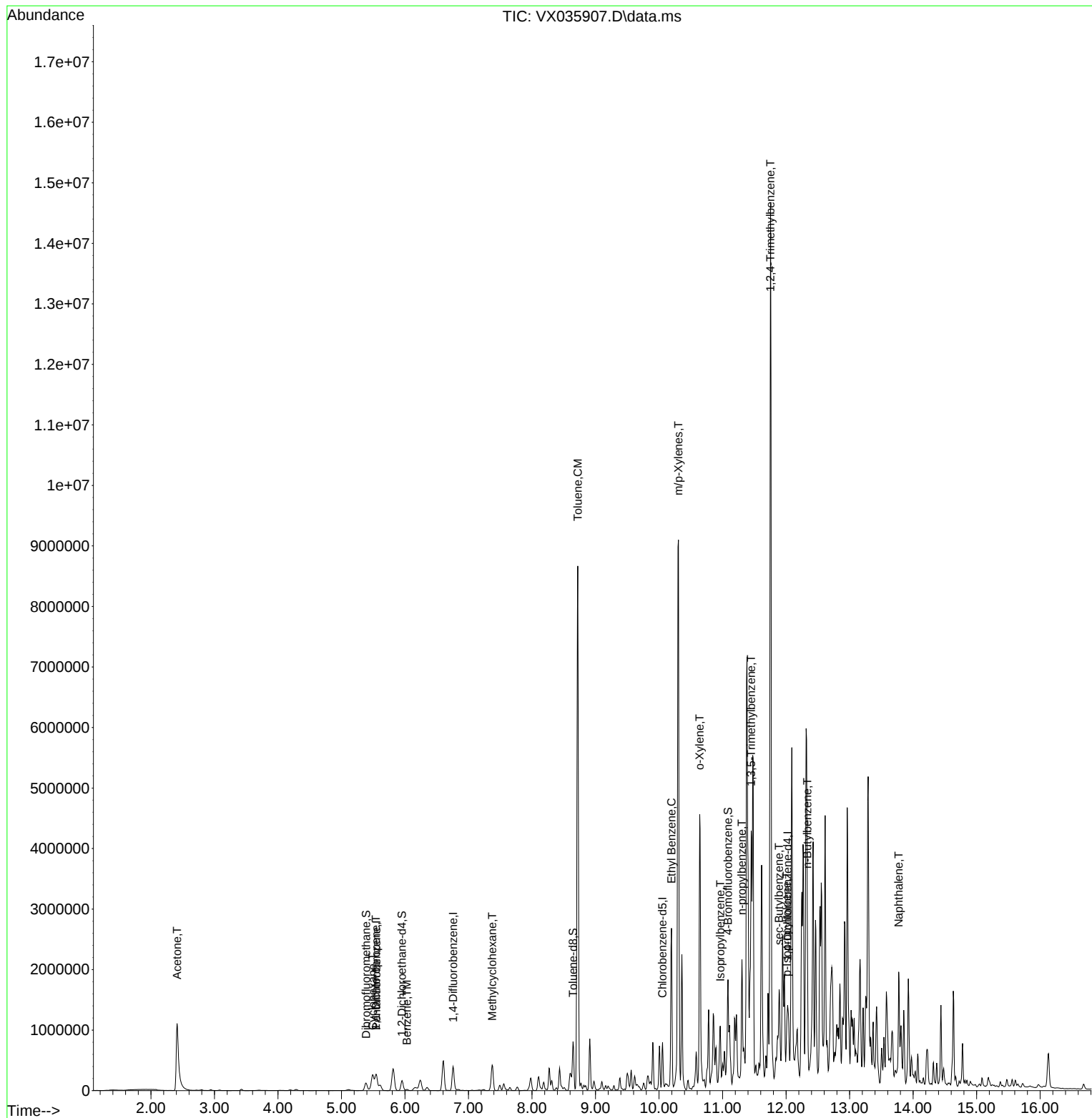
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.410	43	2077612	1258.270	ug/l	95
31) Cyclohexane	5.489	56	77218	15.896	ug/l #	48
36) 1,1-Dichloropropene	5.544	75	21591	5.380	ug/l #	51
39) Methylcyclohexane	7.373	83	186712	40.774	ug/l	97
40) Benzene	6.031	78	22411	1.994	ug/l	94
52) Toluene	8.720	92	3327230	471.298	ug/l	96
67) Ethyl Benzene	10.195	91	1489447	113.176	ug/l	98
68) m/p-Xylenes	10.305	106	2181010	447.928	ug/l	91
69) o-Xylene	10.640	106	990466	204.760	ug/l	96
73) Isopropylbenzene	10.963	105	429059	33.175	ug/l	98
78) n-propylbenzene	11.305	91	1215647	80.646	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1636586	148.522	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	5838632	529.101	ug/l	92
85) sec-Butylbenzene	11.890	105	351154	26.564	ug/l #	74
86) p-Isopropyltoluene	12.012	119	275286	24.905	ug/l	98
89) n-Butylbenzene	12.335	91	1036934	106.727	ug/l #	49
95) Naphthalene	13.774	128	1077262	95.887	ug/l	98

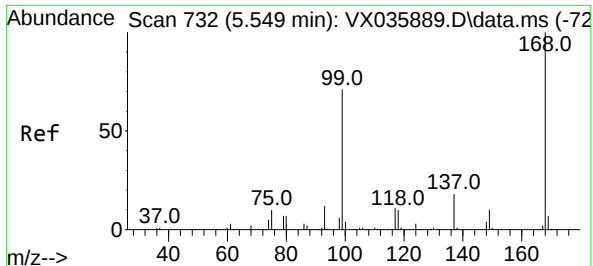
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon May 29 07:45:36 2023
Response via : Initial Calibration

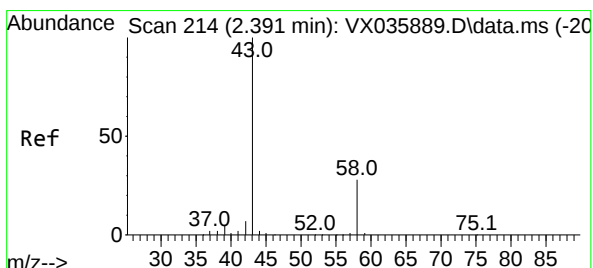
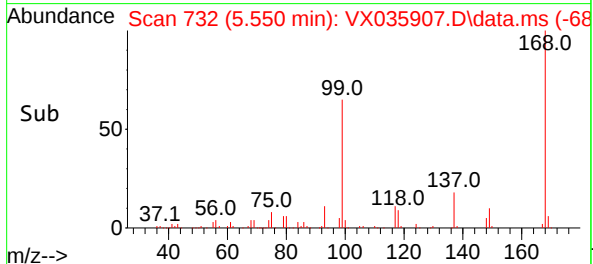
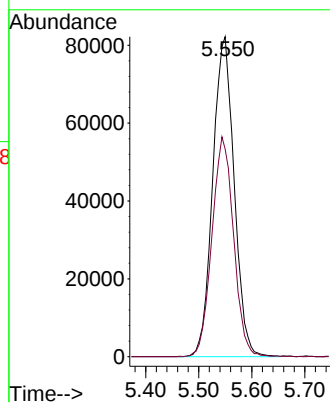
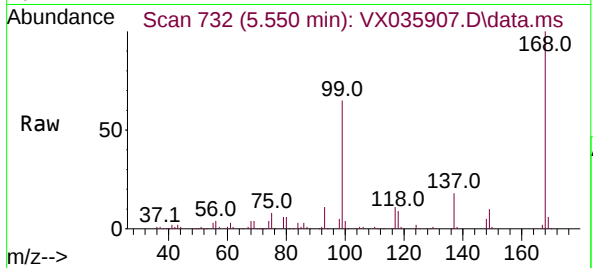




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

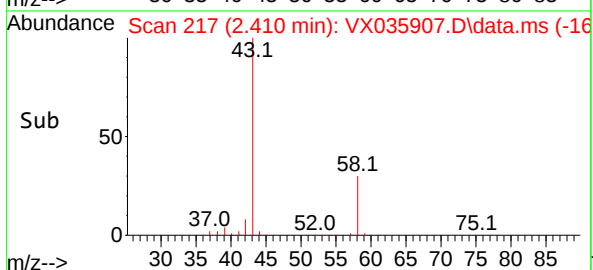
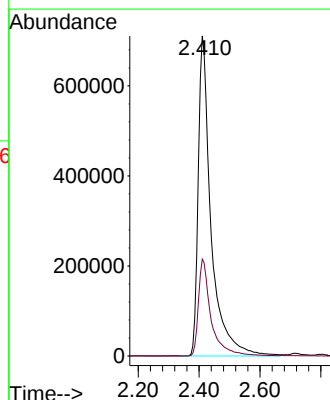
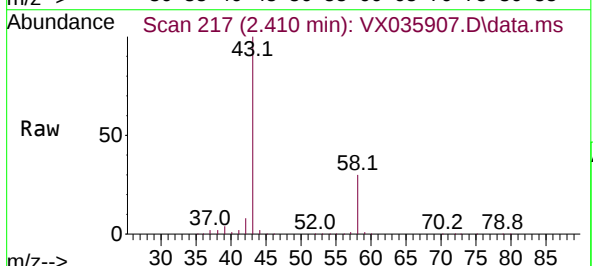
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

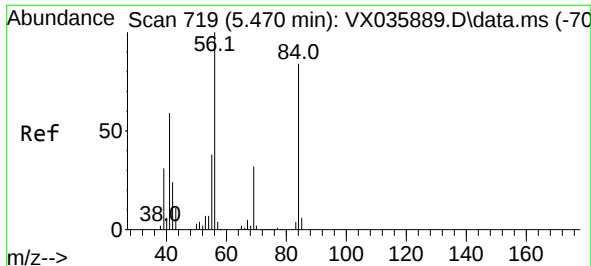
Tgt Ion:168 Resp: 230150
Ion Ratio Lower Upper
168 100
99 64.7 57.0 85.6



#16
Acetone
Concen: 1258.270 ug/l
RT: 2.410 min Scan# 217
Delta R.T. 0.019 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion: 43 Resp: 2077612
Ion Ratio Lower Upper
43 100
58 30.2 22.2 33.2

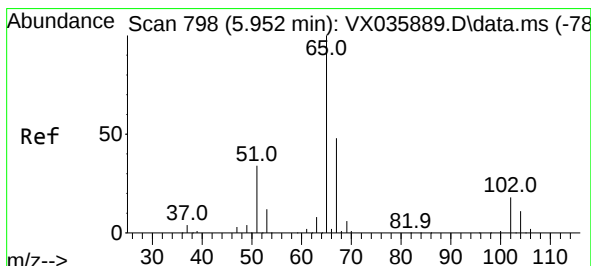
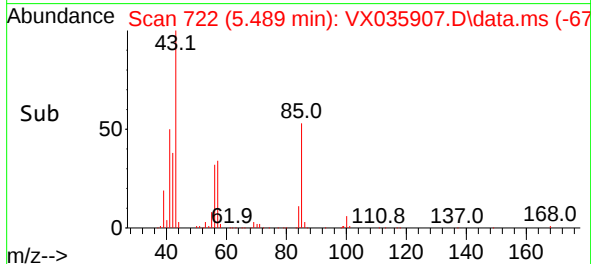
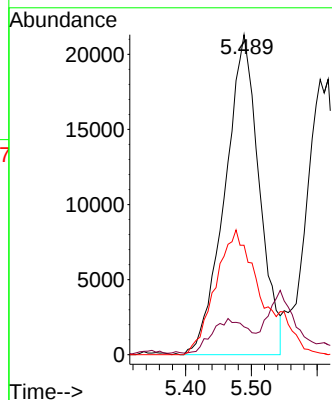
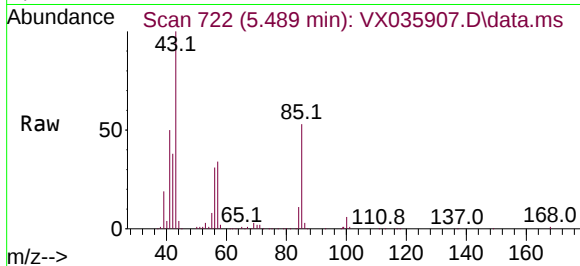




#31
Cyclohexane
Concen: 15.896 ug/l
RT: 5.489 min Scan# 719
Delta R.T. 0.019 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

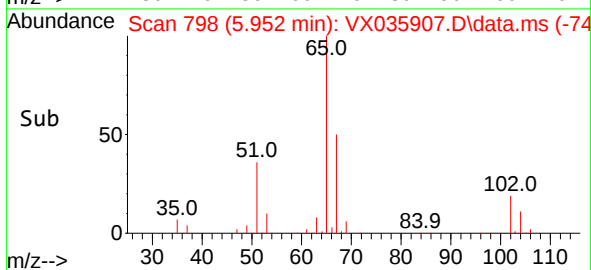
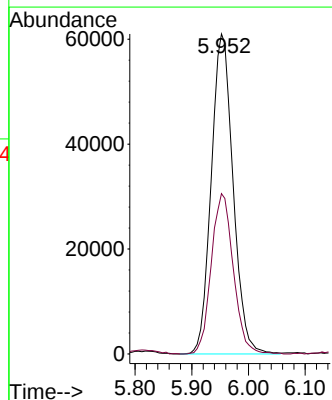
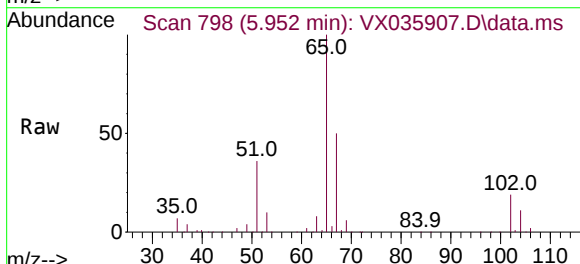
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

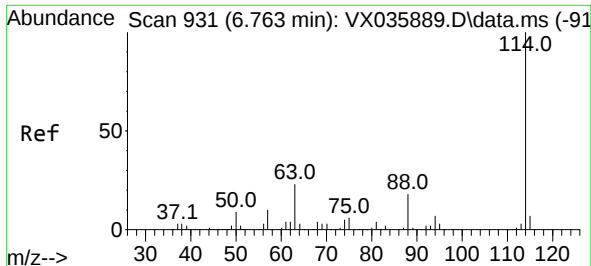
Tgt Ion: 56 Resp: 77218
Ion Ratio Lower Upper
56 100
69 8.0 25.9 38.9#
84 34.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 39.918 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion: 65 Resp: 163261
Ion Ratio Lower Upper
65 100
67 50.6 0.0 99.6

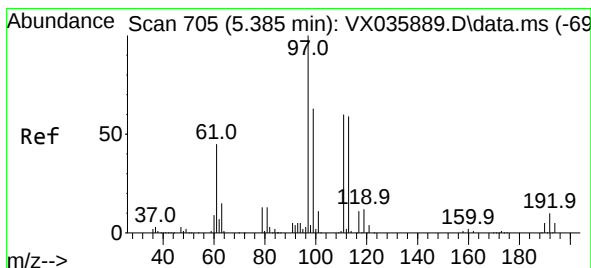
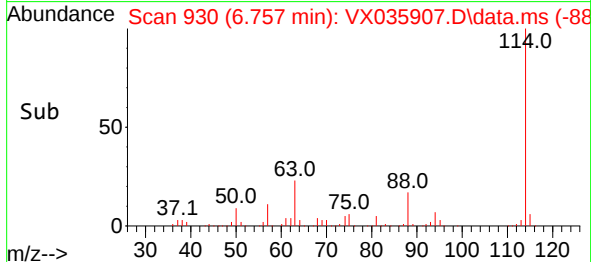
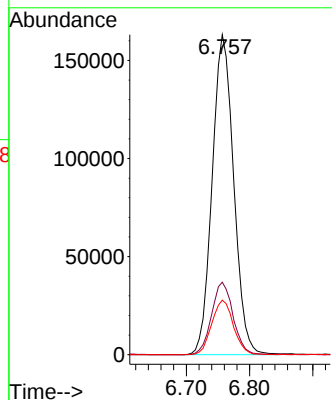
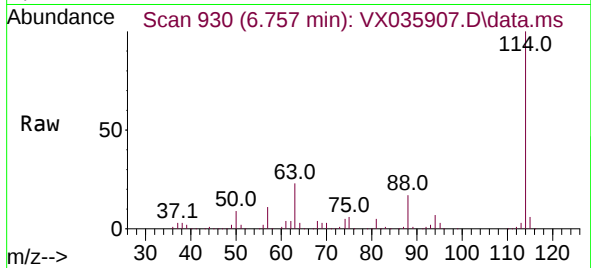




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

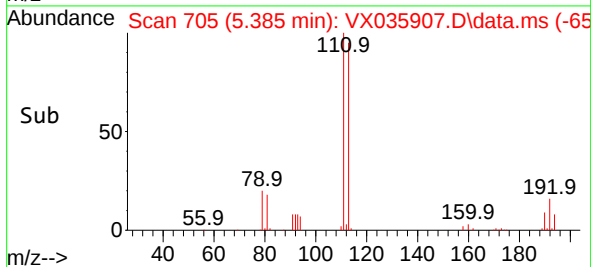
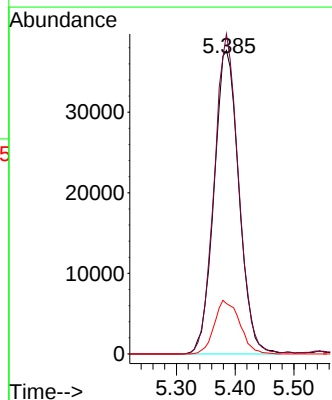
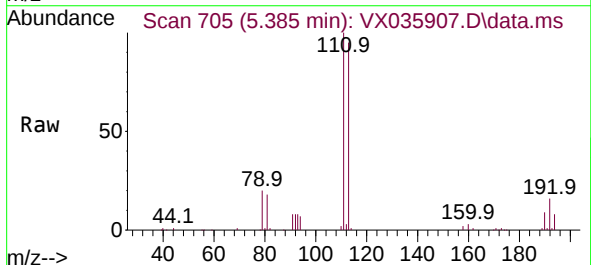
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

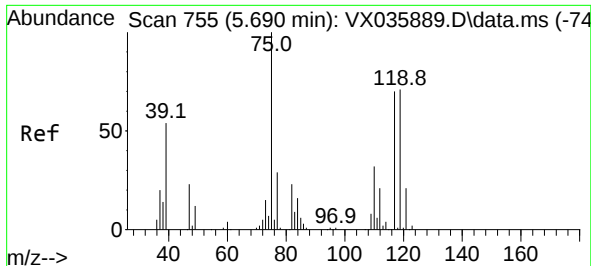
Tgt Ion:114 Resp: 384768
Ion Ratio Lower Upper
114 100
63 22.6 0.0 46.0
88 17.0 0.0 35.2



#35
Dibromofluoromethane
Concen: 42.051 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion:113 Resp: 111141
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.380 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX035907.D

Acq: 30 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

FMC-665

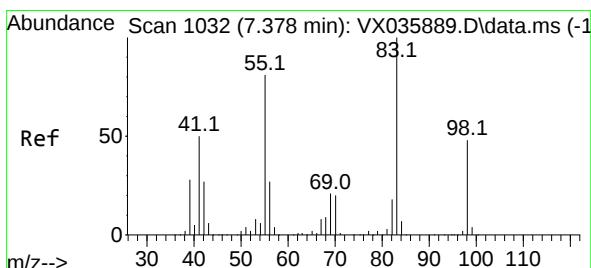
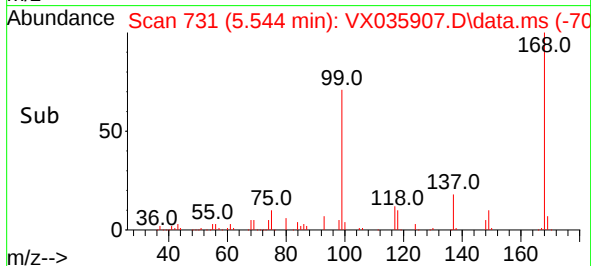
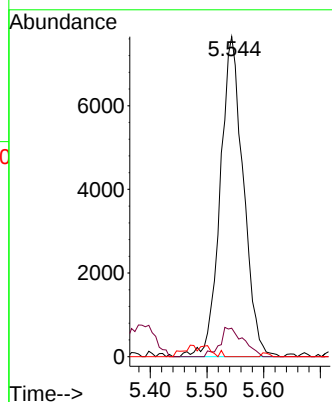
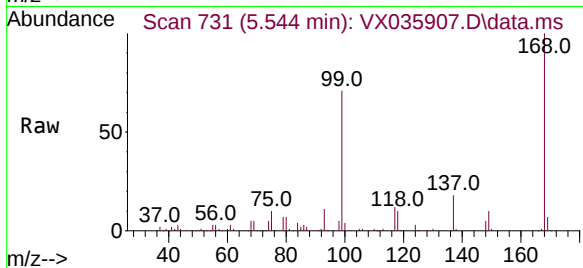
Tgt Ion: 75 Resp: 21591

Ion Ratio Lower Upper

75 100

110 9.2 16.6 49.7#

77 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 40.774 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX035907.D

Acq: 30 May 2023 15:37

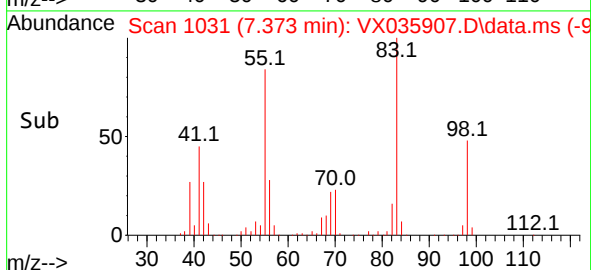
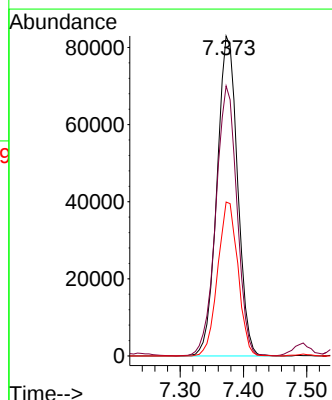
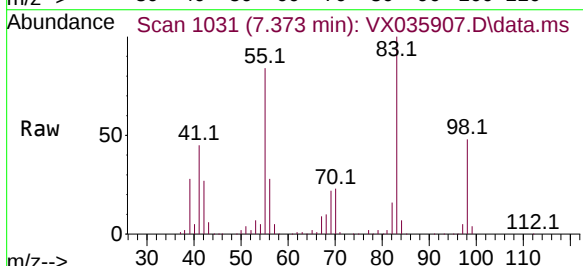
Tgt Ion: 83 Resp: 186712

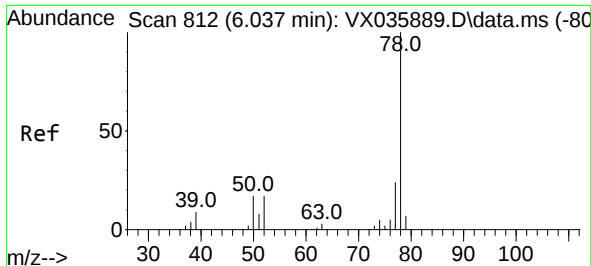
Ion Ratio Lower Upper

83 100

55 84.3 64.9 97.3

98 48.1 38.1 57.1

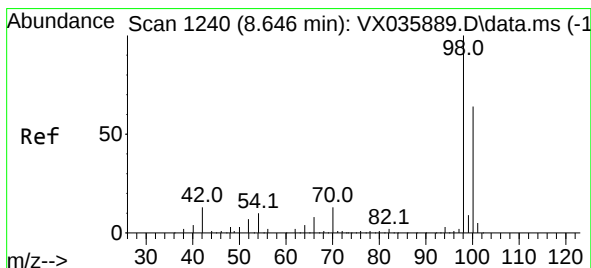
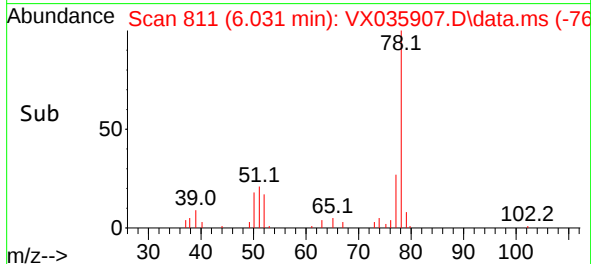
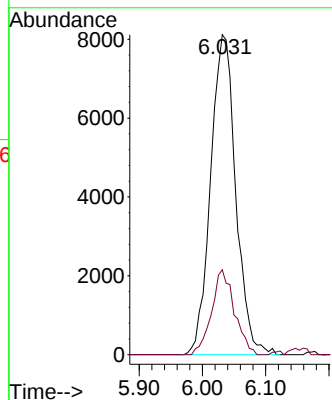
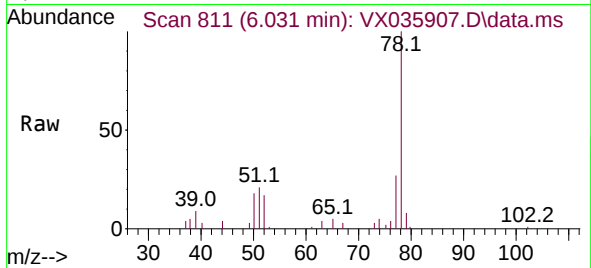




#40
Benzene
Concen: 1.994 ug/l
RT: 6.031 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

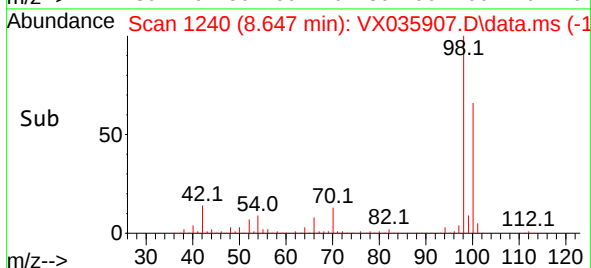
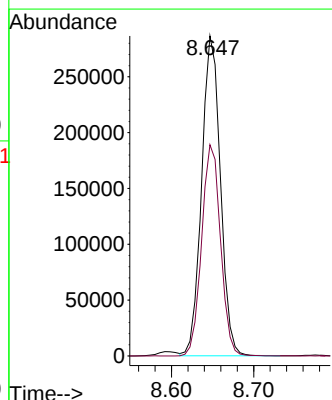
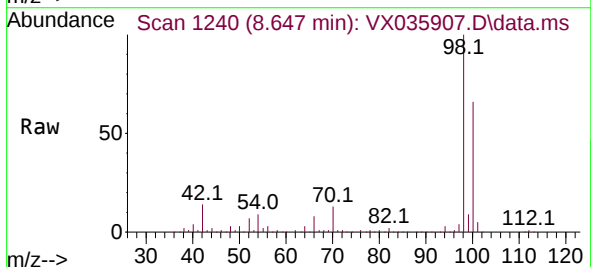
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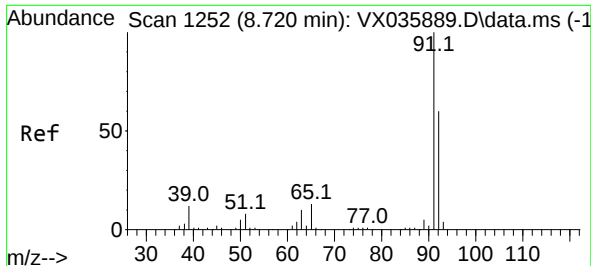
Tgt Ion: 78 Resp: 22411
Ion Ratio Lower Upper
78 100
77 26.6 19.0 28.6



#50
Toluene-d8
Concen: 46.817 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion: 98 Resp: 454114
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

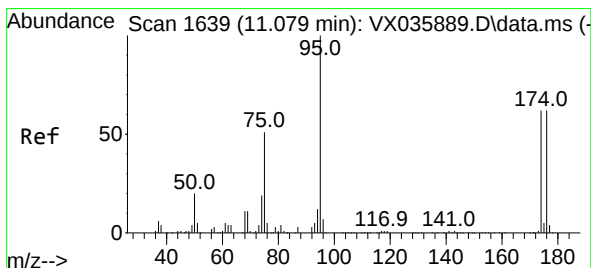
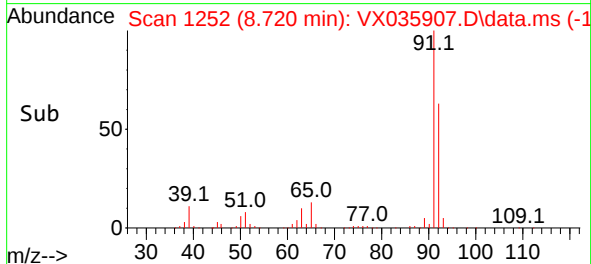
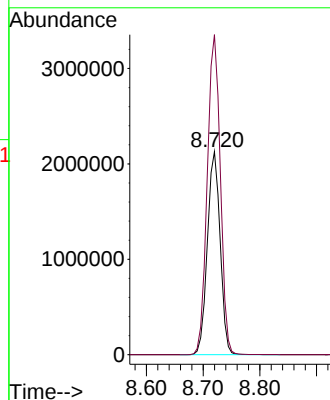
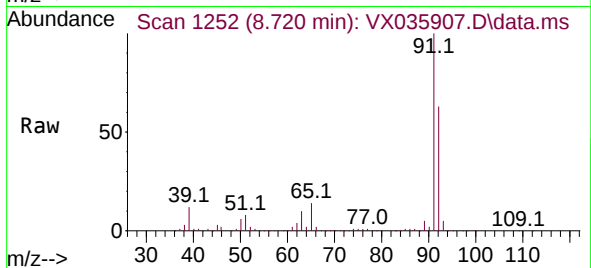




#52
Toluene
Concen: 471.298 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

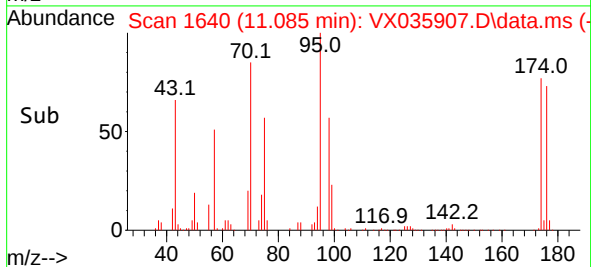
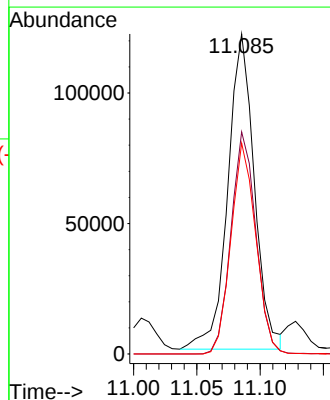
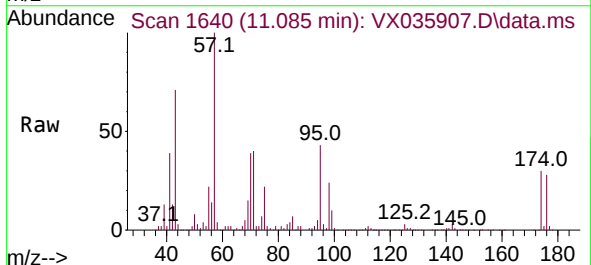
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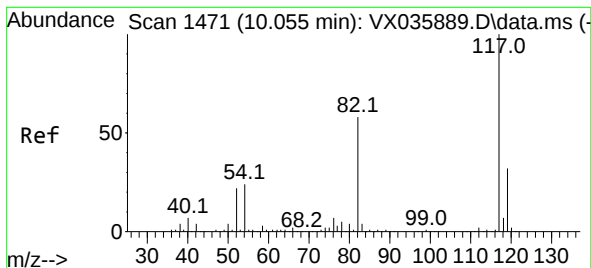
Tgt Ion: 92 Resp: 3327230
Ion Ratio Lower Upper
92 100
91 161.5 133.5 200.3



#62
4-Bromofluorobenzene
Concen: 46.067 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion: 95 Resp: 176048
Ion Ratio Lower Upper
95 100
174 66.3 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: VX035907.D

Acq: 30 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

FMC-665

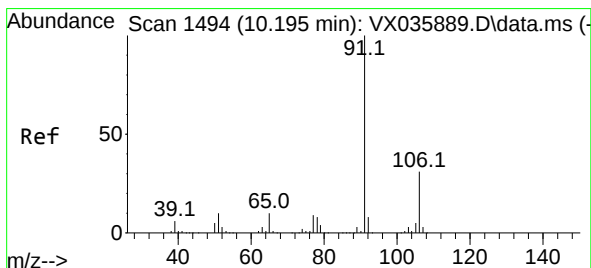
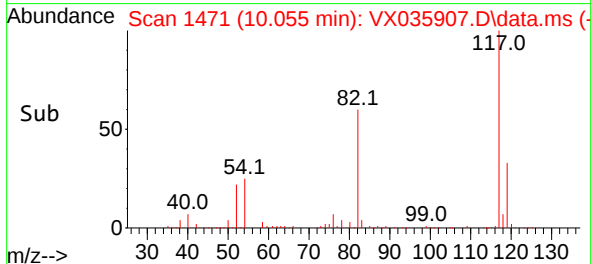
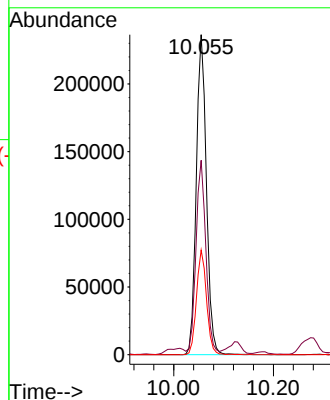
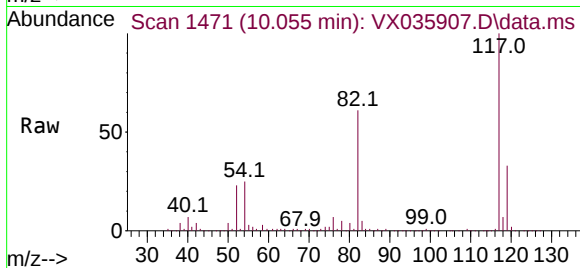
Tgt Ion:117 Resp: 333186

Ion Ratio Lower Upper

117 100

82 60.5 46.6 69.8

119 32.7 25.4 38.2



#67

Ethyl Benzene

Concen: 113.176 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX035907.D

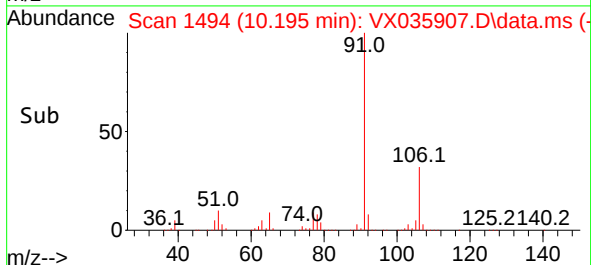
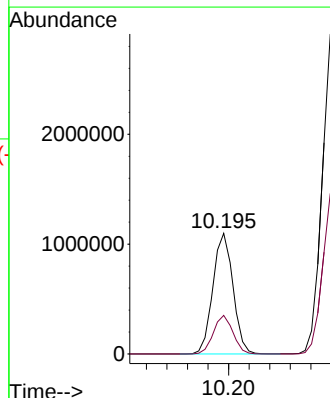
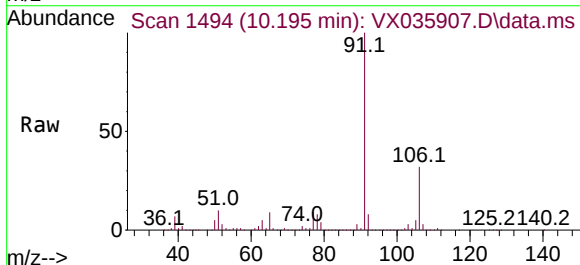
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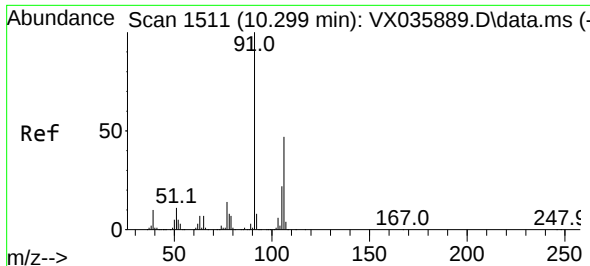
Tgt Ion: 91 Resp: 1489447

Ion Ratio Lower Upper

91 100

106 32.0 24.6 37.0

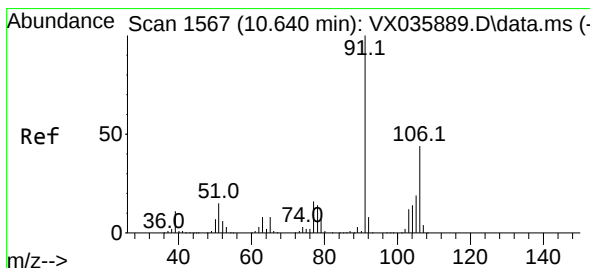
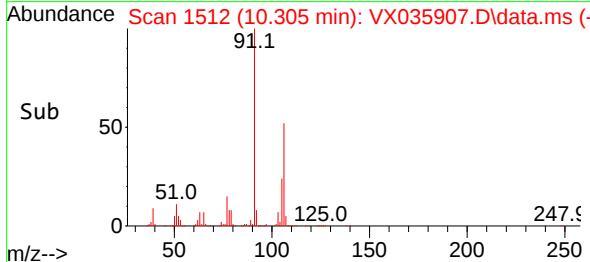
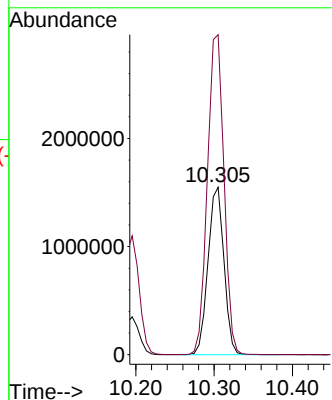
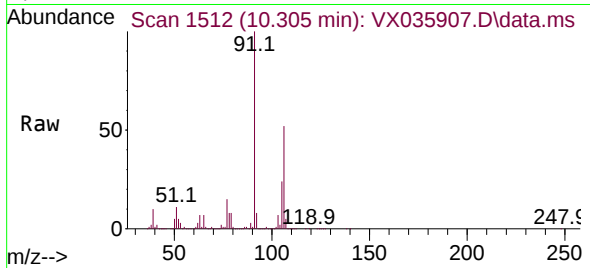




#68
m/p-Xylenes
Concen: 447.928 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

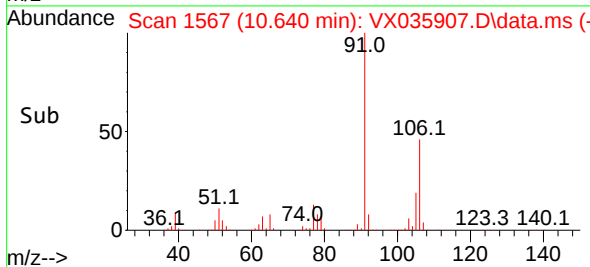
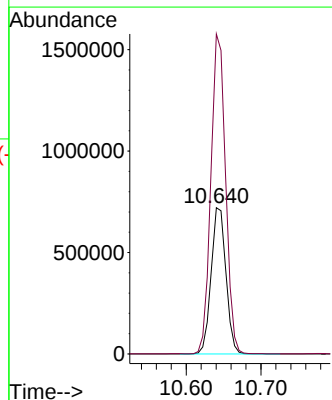
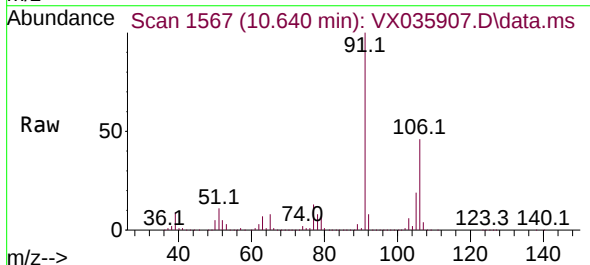
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

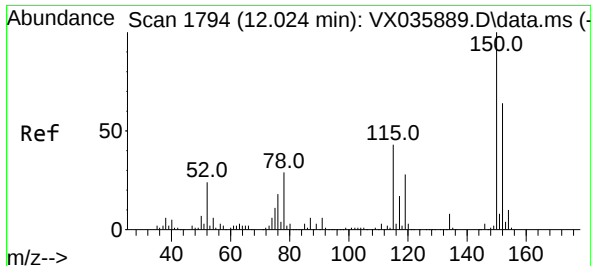
Tgt Ion:106 Resp: 2181010
Ion Ratio Lower Upper
106 100
91 198.9 169.8 254.8



#69
o-Xylene
Concen: 204.760 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion:106 Resp: 990466
Ion Ratio Lower Upper
106 100
91 217.6 112.5 337.4

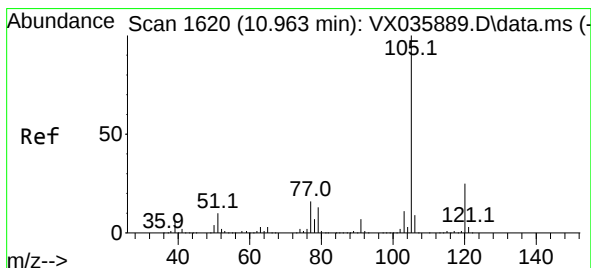
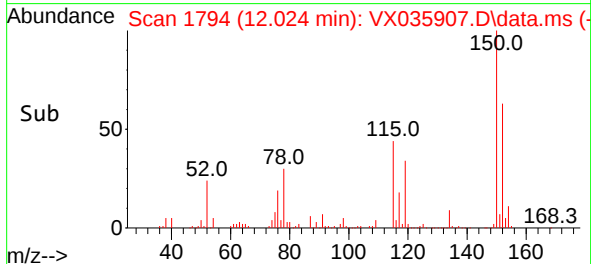
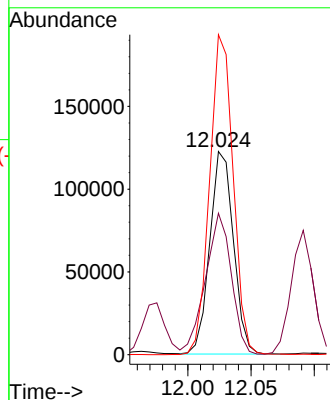
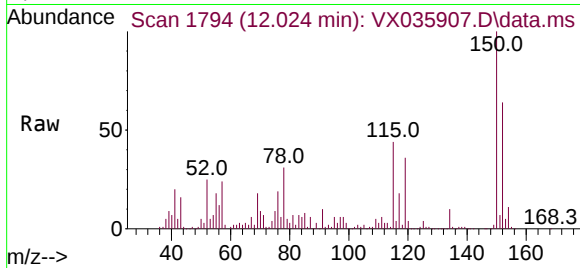




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035907.D
 Acq: 30 May 2023 15:37

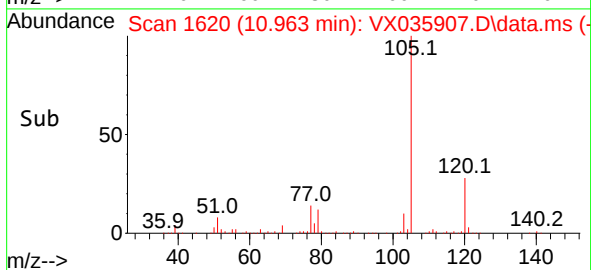
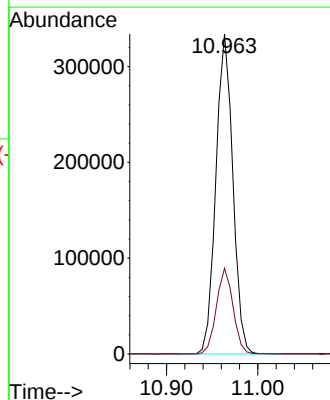
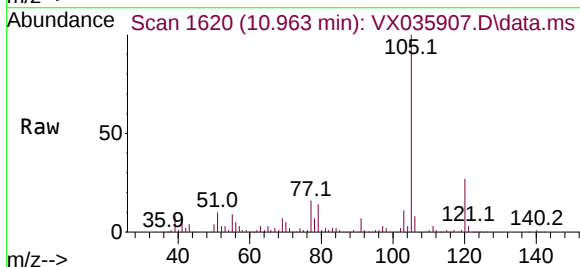
Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-665

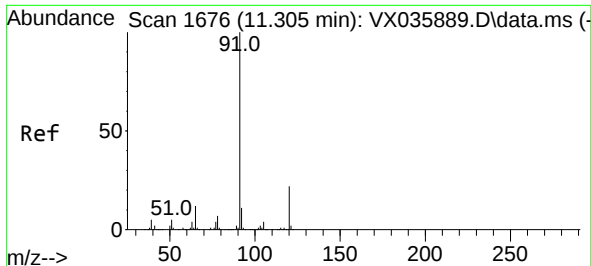
Tgt Ion:152 Resp: 159464
 Ion Ratio Lower Upper
 152 100
 115 75.7 45.5 136.5
 150 156.8 0.0 345.2



#73
 Isopropylbenzene
 Concen: 33.175 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX035907.D
 Acq: 30 May 2023 15:37

Tgt Ion:105 Resp: 429059
 Ion Ratio Lower Upper
 105 100
 120 26.3 12.7 38.0

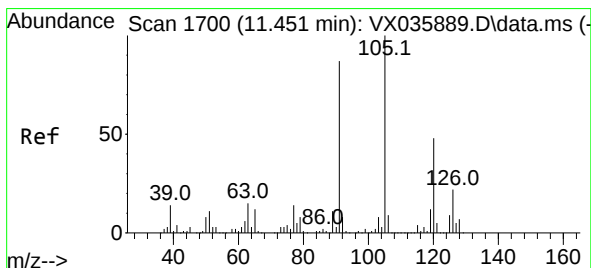
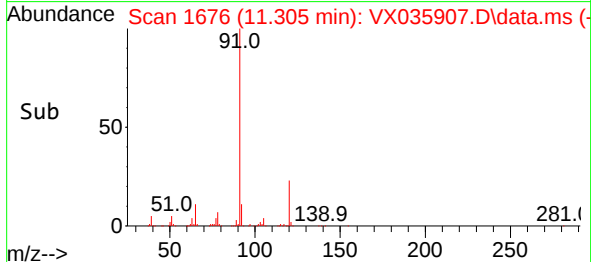
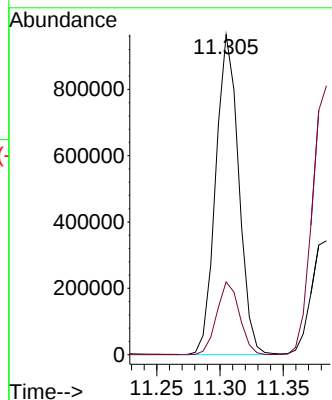
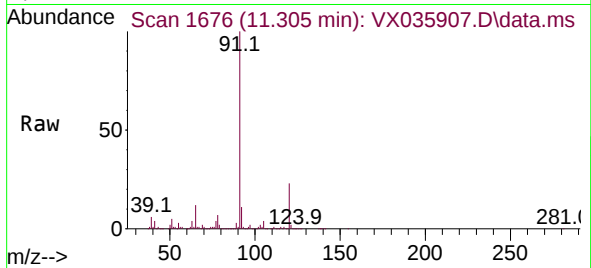




#78
n-propylbenzene
Concen: 80.646 ug/l
RT: 11.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

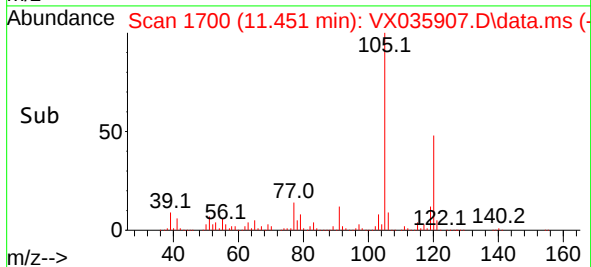
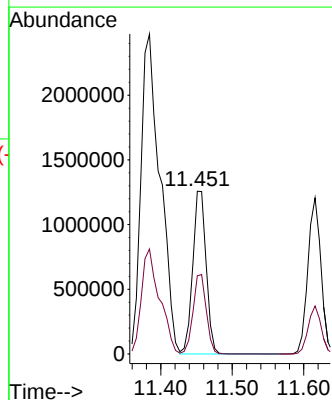
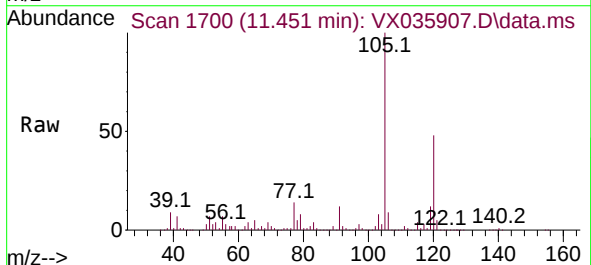
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

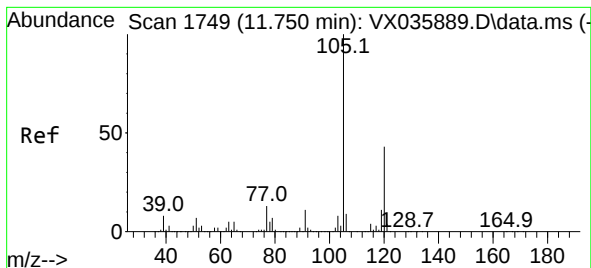
Tgt Ion: 91 Resp: 1215647
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 148.522 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Tgt Ion:105 Resp: 1636586
Ion Ratio Lower Upper
105 100
120 48.2 23.8 71.4





#84

1,2,4-Trimethylbenzene

Concen: 529.101 ug/l

RT: 11.756 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035907.D

Acq: 30 May 2023 15:37

Instrument :

MSVOA_X

ClientSampleId :

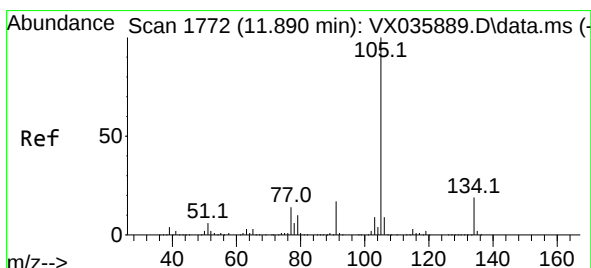
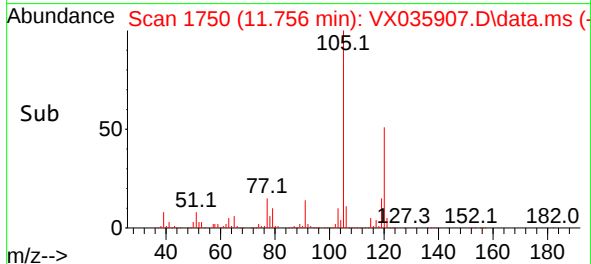
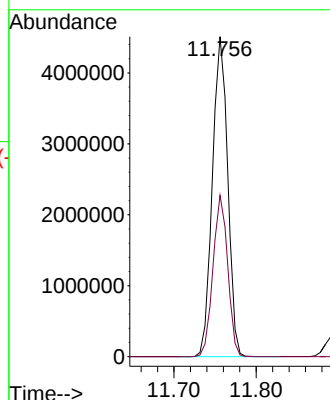
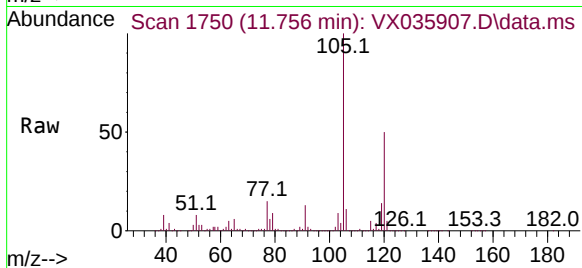
FMC-665

Tgt Ion:105 Resp: 5838632

Ion Ratio Lower Upper

105 100

120 48.4 21.6 64.8



#85

sec-Butylbenzene

Concen: 26.564 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035907.D

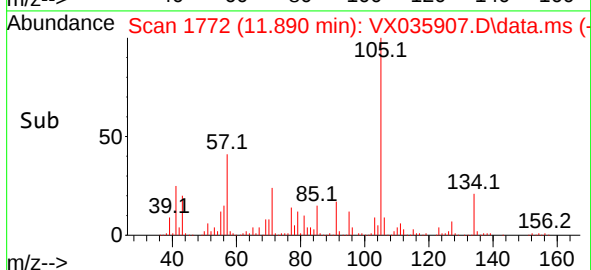
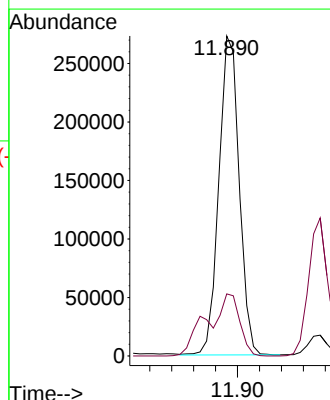
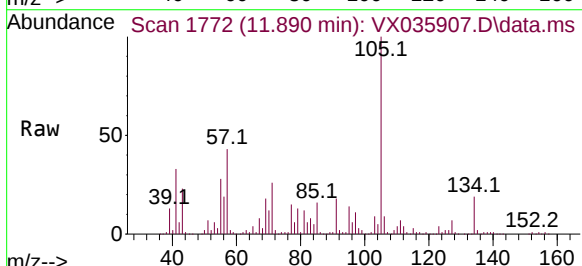
Acq: 30 May 2023 15:37

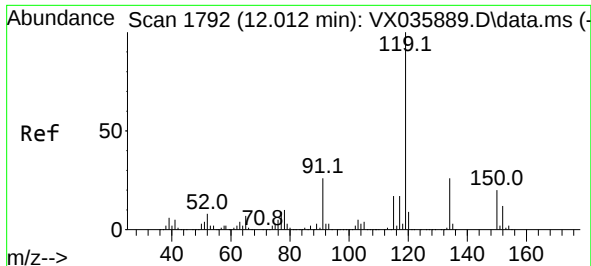
Tgt Ion:105 Resp: 351154

Ion Ratio Lower Upper

105 100

134 31.2 9.7 28.9#

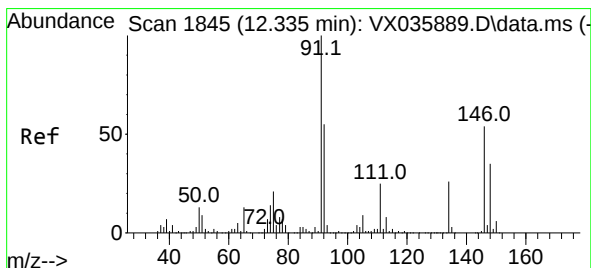
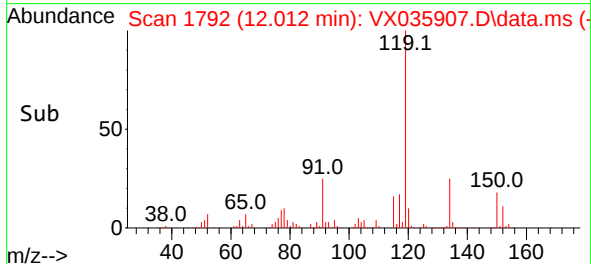
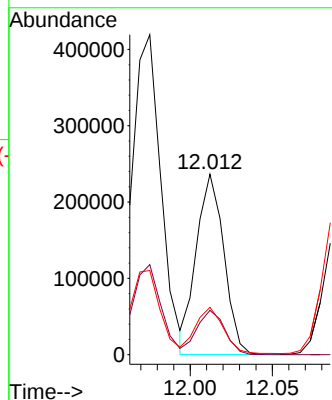
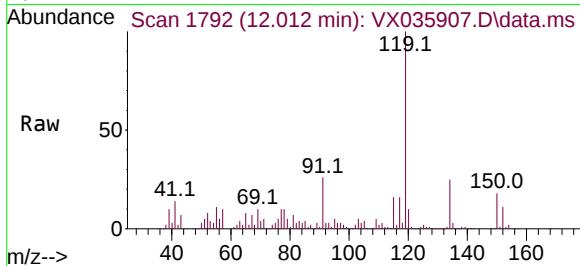




#86
p-Isopropyltoluene
Concen: 24.905 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

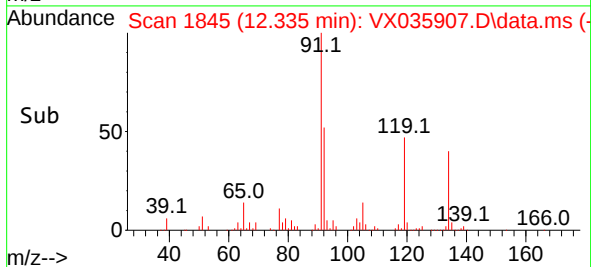
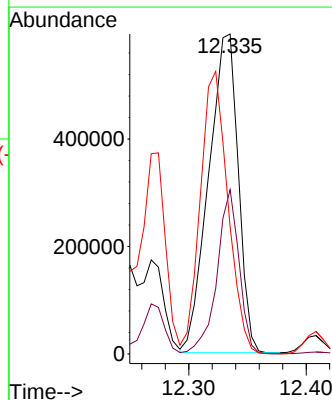
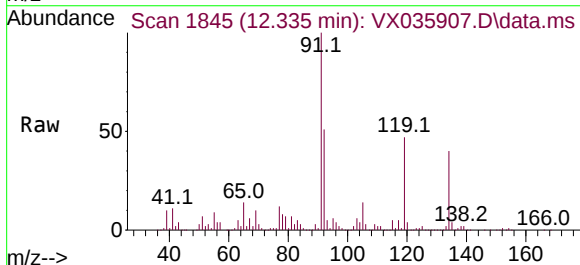
Instrument :
MSVOA_X
ClientSampleId :
FMC-665

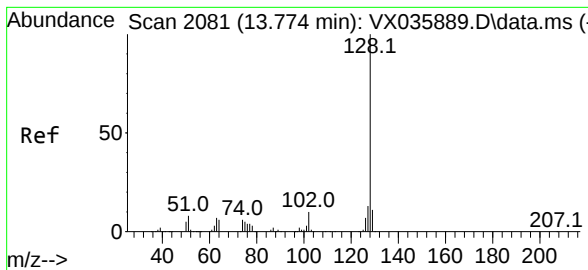
Tgt Ion:119 Resp: 275286
Ion Ratio Lower Upper
119 100
134 25.0 12.7 38.1
91 25.8 13.5 40.5



#89
n-Butylbenzene
Concen: 106.727 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

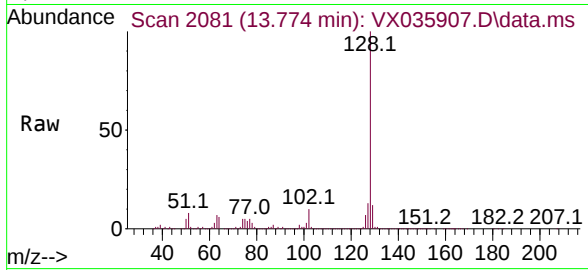
Tgt Ion: 91 Resp: 1036934
Ion Ratio Lower Upper
91 100
92 38.4 27.3 81.8
134 82.4 12.4 37.0#





#95
Naphthalene
Concen: 95.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX035907.D
Acq: 30 May 2023 15:37

Instrument :
MSVOA_X
ClientSampleId :
FMC-665



Tgt Ion:128 Resp: 1077262
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 12.1 8.7 13.1

