

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030323\
 Data File : VX034319.D
 Acq On : 03 Mar 2023 13:50
 Operator : JC/MD
 Sample : 01758-01
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FMC-0081

Quant Time: Mar 03 22:11:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

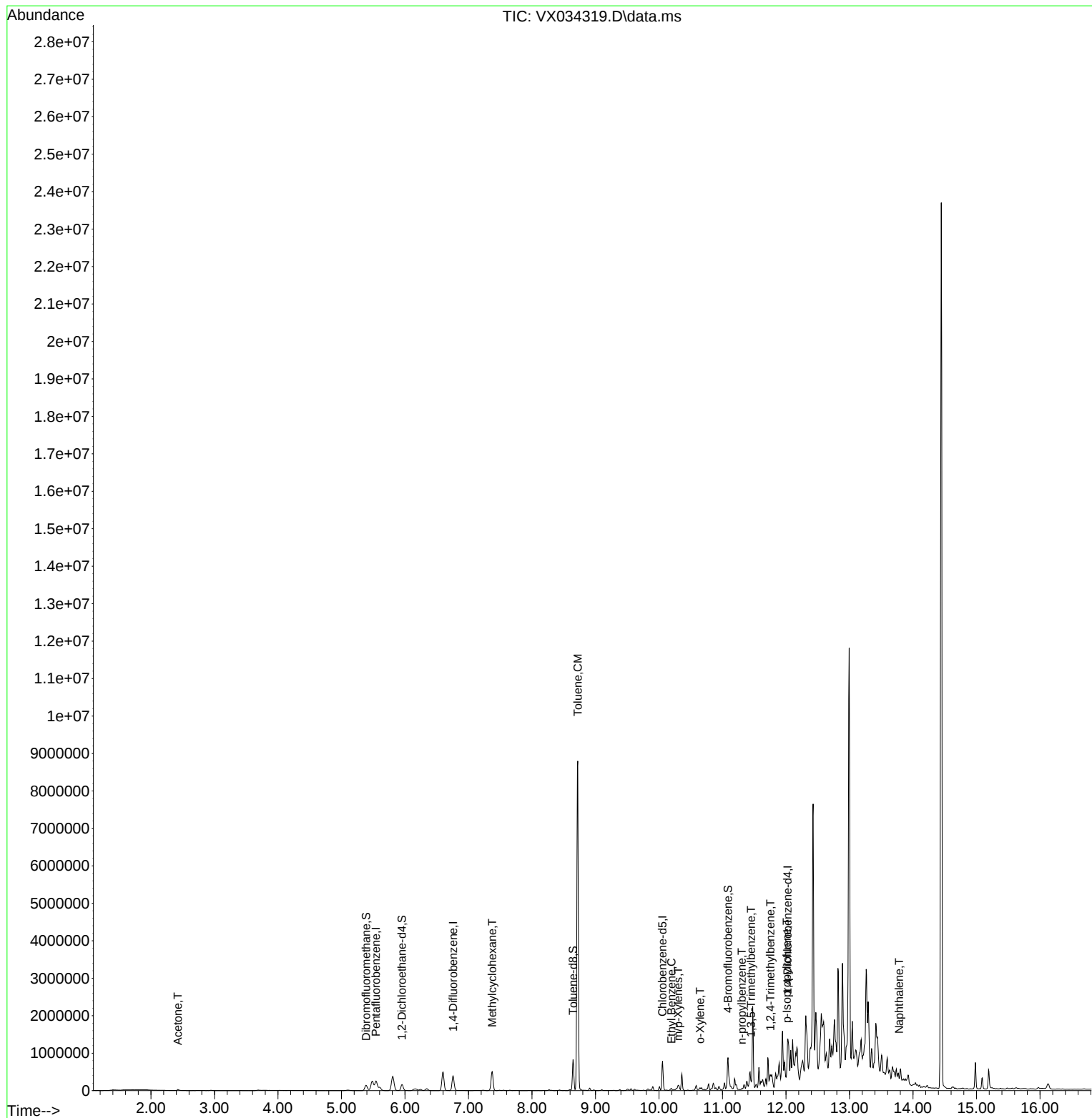
Internal Standards						
1) Pentafluorobenzene	5.544	168	248466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	409098	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	183239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	149805	44.768	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	89.540%
35) Dibromofluoromethane	5.385	113	126593	47.527	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	8.647	98	483674	50.576	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.160%
62) 4-Bromofluorobenzene	11.085	95	181583	49.640	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.280%
Target Compounds						
					Qvalue	
16) Acetone	2.422	43	39790	23.051	ug/l	90
39) Methylcyclohexane	7.373	83	232897	45.942	ug/l	98
52) Toluene	8.720	92	3380940	477.973	ug/l	96
67) Ethyl Benzene	10.195	91	23343	1.693	ug/l	99
68) m/p-Xylenes	10.299	106	28012	5.308	ug/l	95
69) o-Xylene	10.647	106	12933	2.462	ug/l	95
78) n-propylbenzene	11.305	91	20442	1.259	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	17043	1.452	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	57497	4.843	ug/l	96
86) p-Isopropyltoluene	12.012	119	23945	1.981	ug/l	95
95) Naphthalene	13.780	128	45285	3.395	ug/l #	95

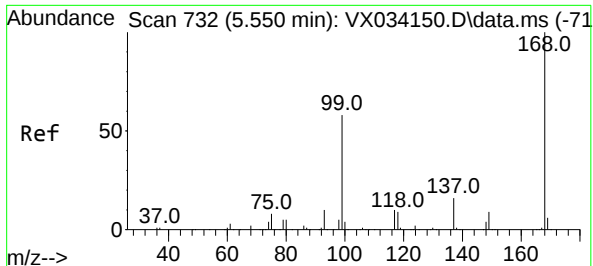
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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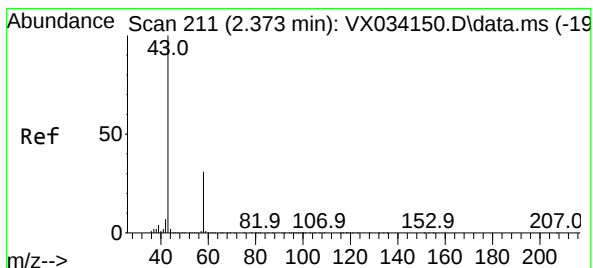
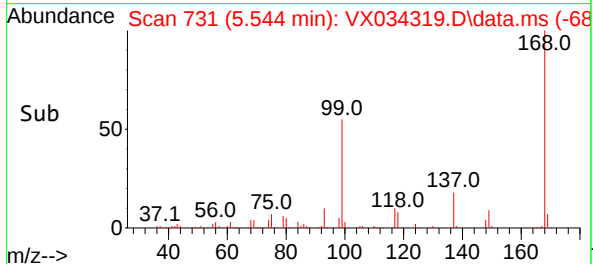
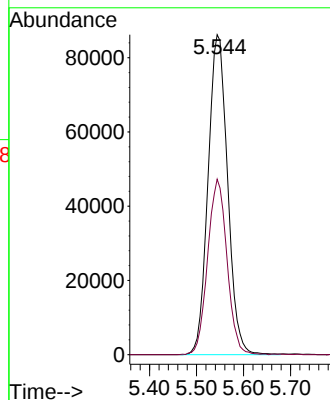
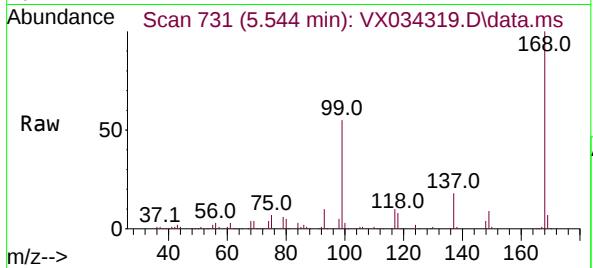




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

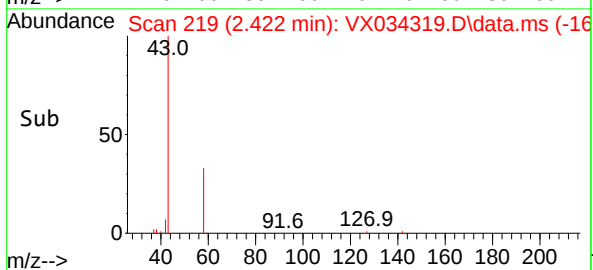
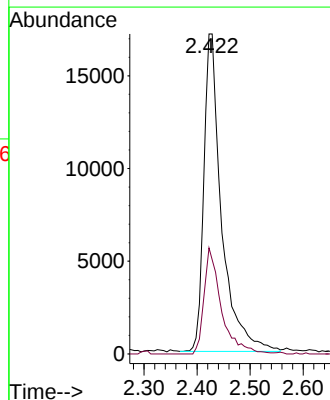
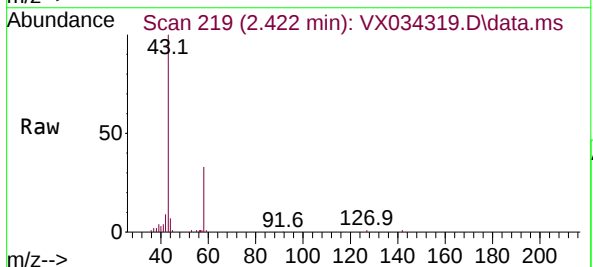
Instrument :
MSVOA_X
ClientSampleId :
FMC-0081

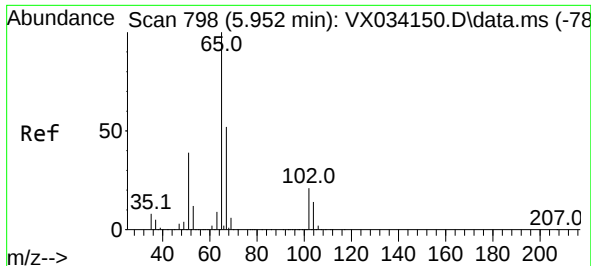
Tgt Ion:168 Resp: 248466
Ion Ratio Lower Upper
168 100
99 54.8 39.6 59.4



#16
Acetone
Concen: 23.051 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.049 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion: 43 Resp: 39790
Ion Ratio Lower Upper
43 100
58 33.4 22.6 33.8





#33

1,2-Dichloroethane-d4

Concen: 44.768 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX034319.D

Acq: 03 Mar 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

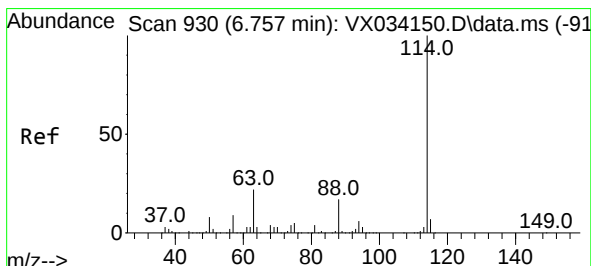
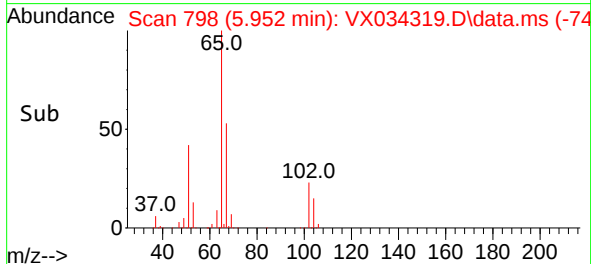
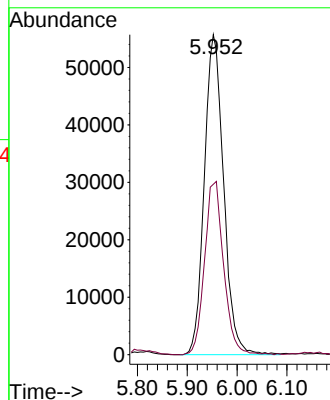
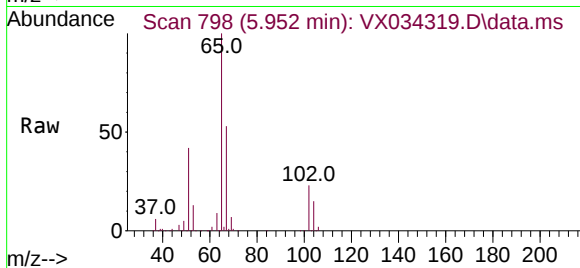
FMC-0081

Tgt Ion: 65 Resp: 149805

Ion Ratio Lower Upper

65 100

67 53.4 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034319.D

Acq: 03 Mar 2023 13:50

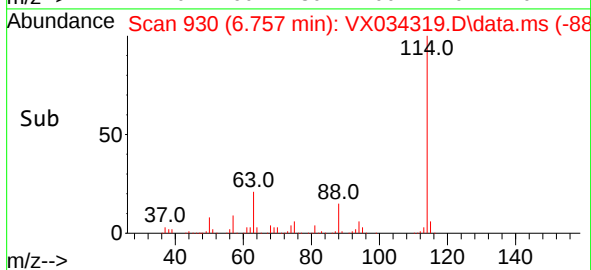
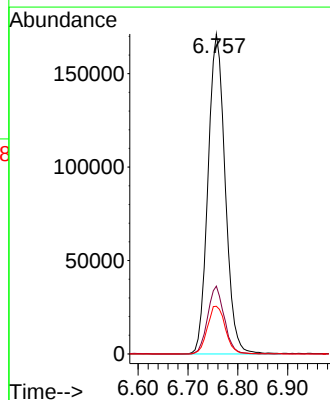
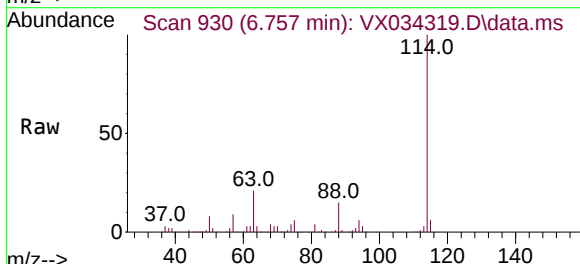
Tgt Ion: 114 Resp: 409098

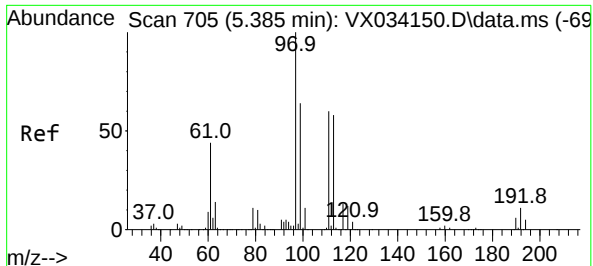
Ion Ratio Lower Upper

114 100

63 21.2 0.0 37.4

88 14.9 0.0 30.6

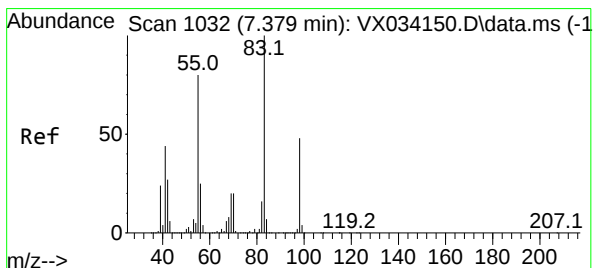
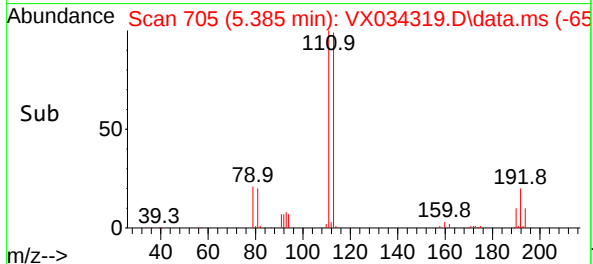
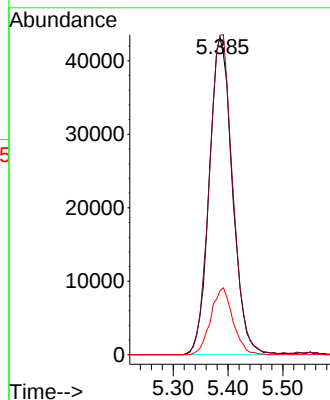
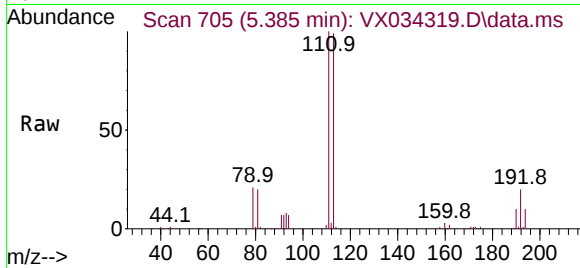




#35
Dibromofluoromethane
Concen: 47.527 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

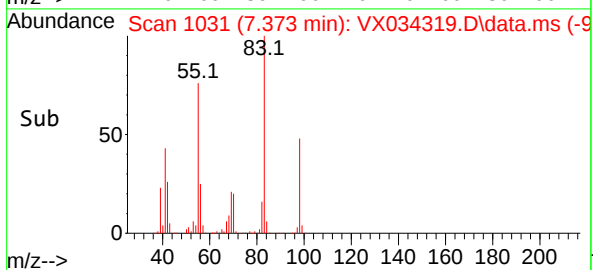
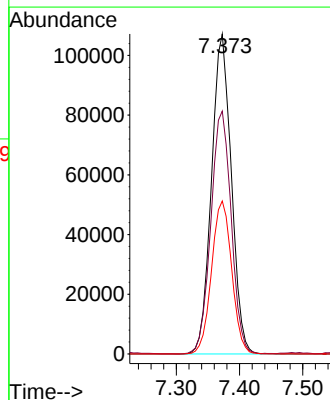
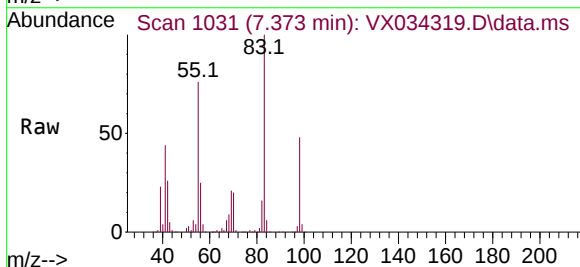
Instrument :
MSVOA_X
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FMC-0081

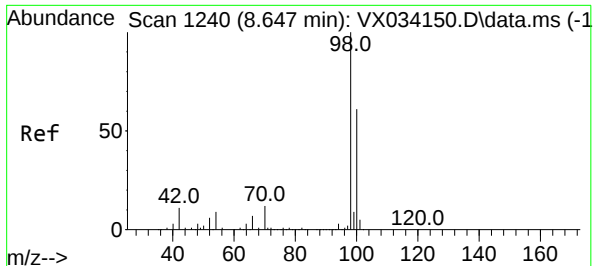
Tgt Ion:113 Resp: 126593
Ion Ratio Lower Upper
113 100
111 102.0 83.0 124.6
192 20.1 19.0 28.4



#39
Methylcyclohexane
Concen: 45.942 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion: 83 Resp: 232897
Ion Ratio Lower Upper
83 100
55 75.9 61.8 92.6
98 47.8 39.3 58.9





#50

Toluene-d8

Concen: 50.576 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX034319.D

Acq: 03 Mar 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

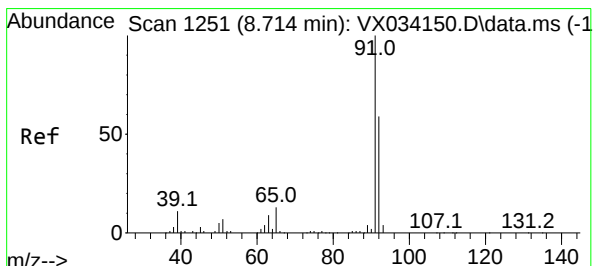
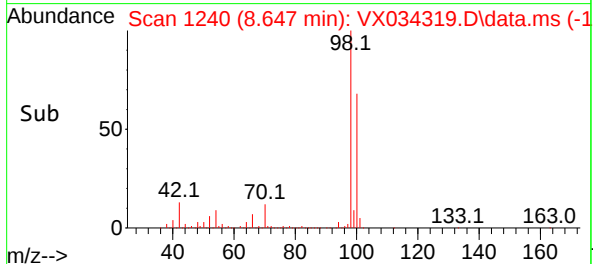
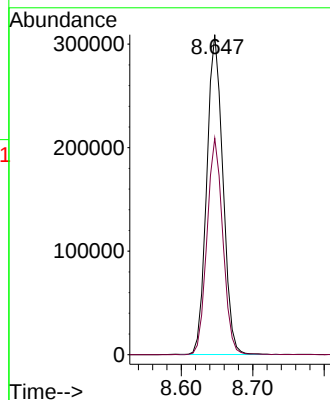
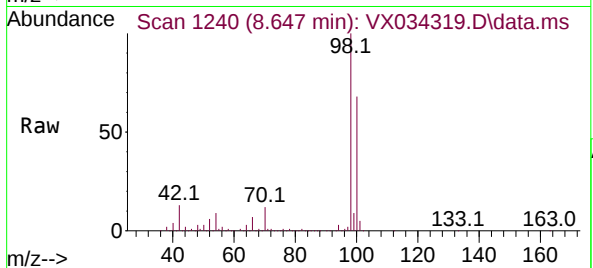
FMC-0081

Tgt Ion: 98 Resp: 483674

Ion Ratio Lower Upper

98 100

100 66.6 53.6 80.4



#52

Toluene

Concen: 477.973 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX034319.D

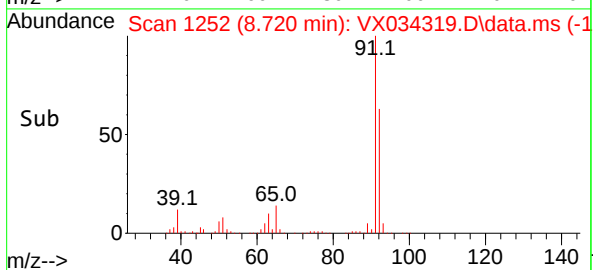
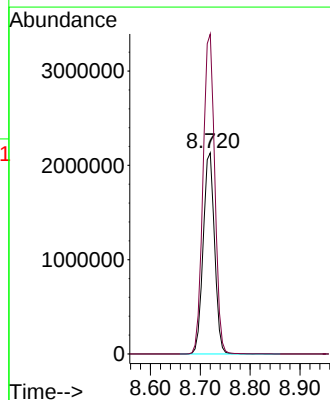
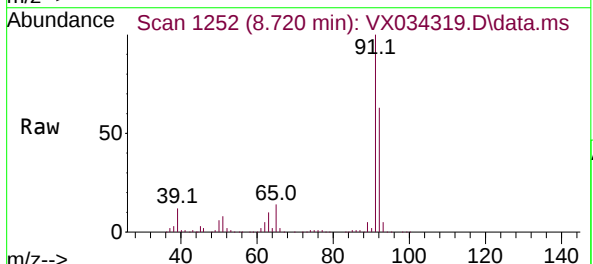
Acq: 03 Mar 2023 13:50

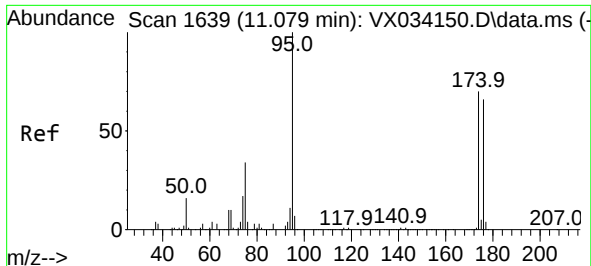
Tgt Ion: 92 Resp: 3380940

Ion Ratio Lower Upper

92 100

91 163.8 135.5 203.3

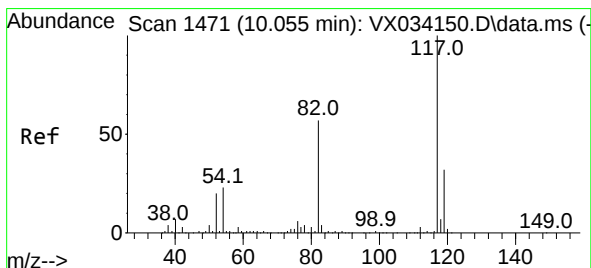
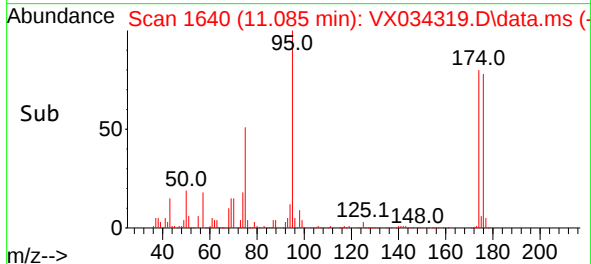
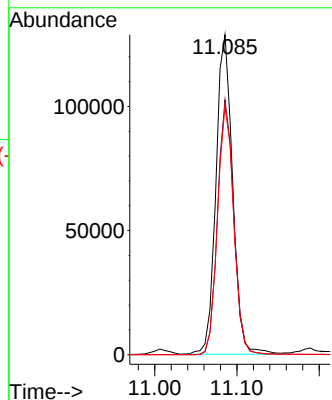
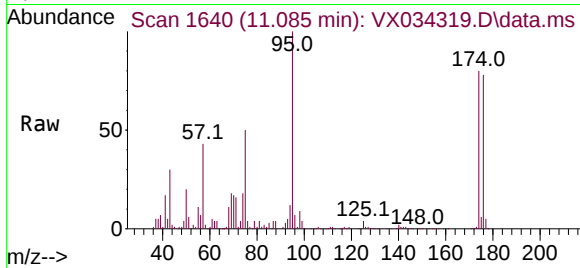




#62
4-Bromofluorobenzene
Concen: 49.640 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

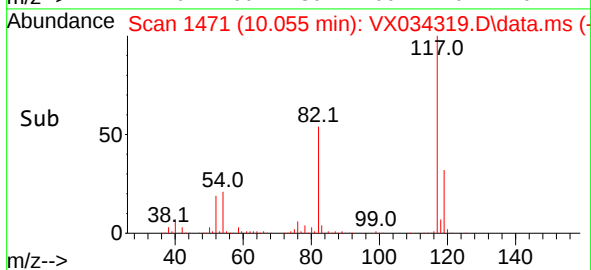
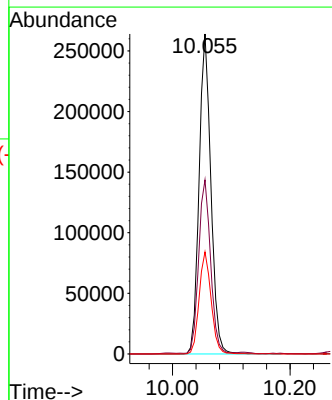
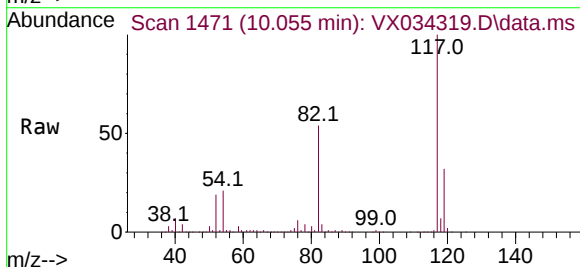
Instrument :
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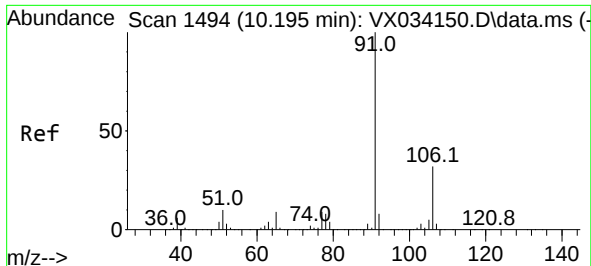
Tgt Ion: 95 Resp: 181583
Ion Ratio Lower Upper
95 100
174 77.7 0.0 184.4
176 75.9 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion: 117 Resp: 368228
Ion Ratio Lower Upper
117 100
82 54.2 40.6 60.8
119 31.9 25.6 38.4

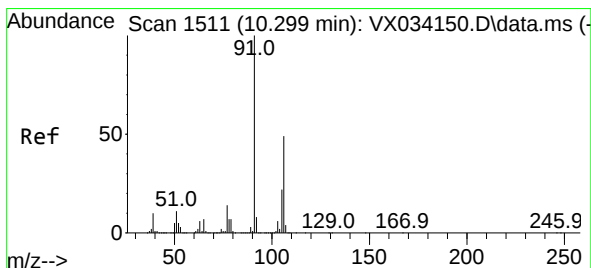
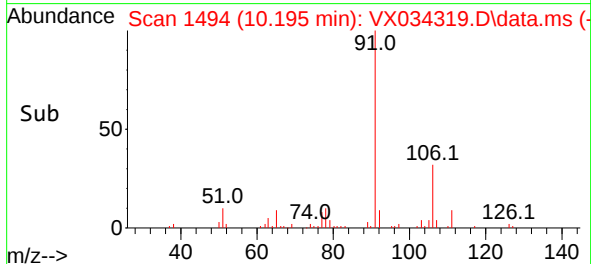
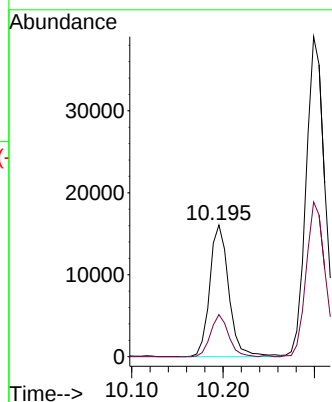
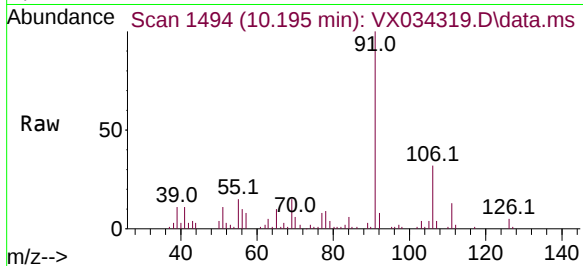




#67
Ethyl Benzene
Concen: 1.693 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

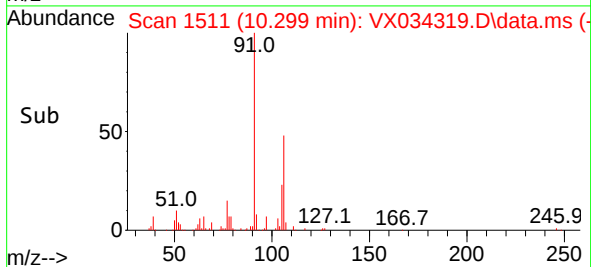
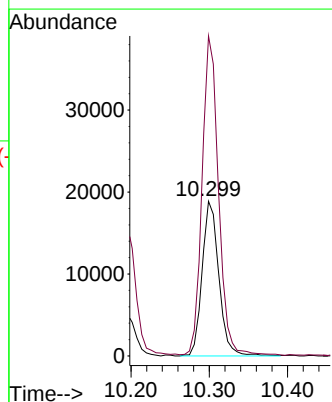
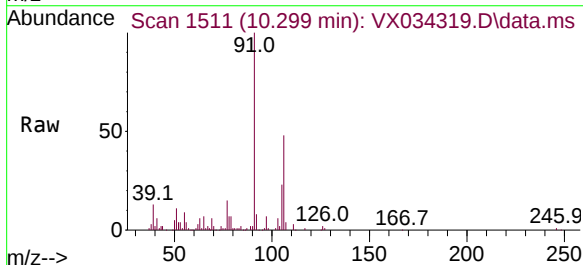
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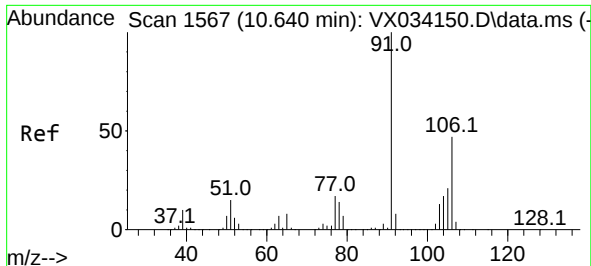
Tgt Ion: 91 Resp: 23343
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 5.308 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion: 106 Resp: 28012
Ion Ratio Lower Upper
106 100
91 203.1 156.4 234.6

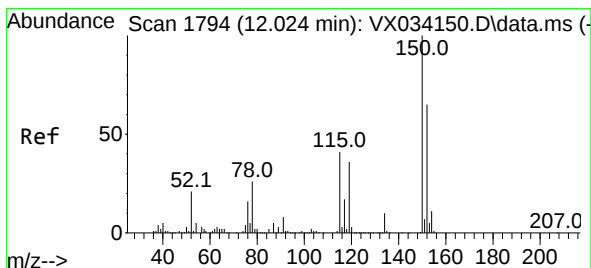
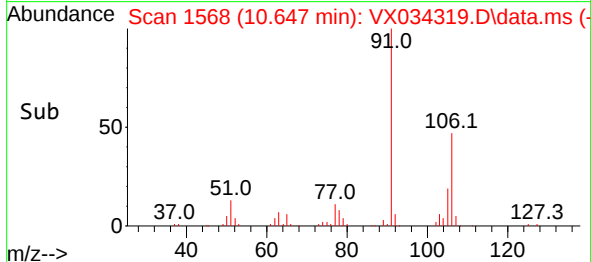
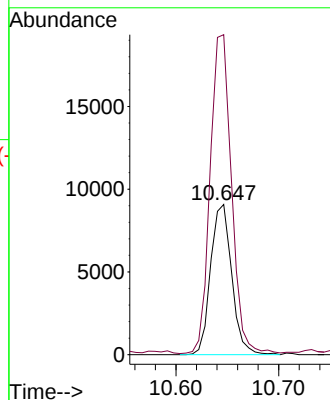
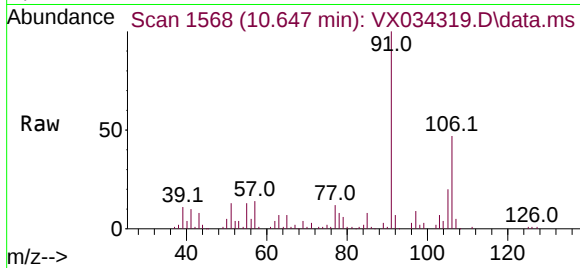




#69
o-Xylene
Concen: 2.462 ug/l
RT: 10.647 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

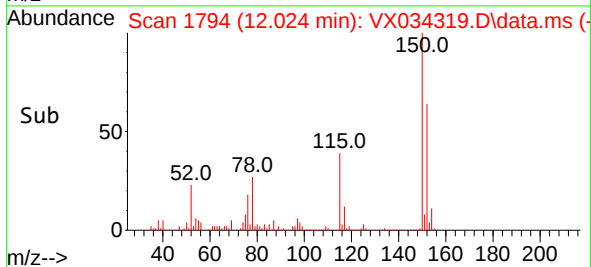
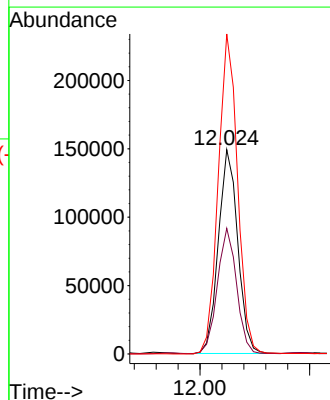
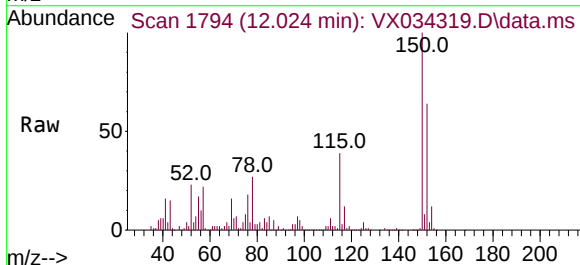
Instrument :
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FMC-0081

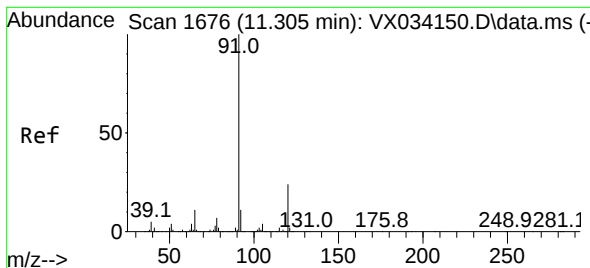
Tgt Ion:106 Resp: 12933
Ion Ratio Lower Upper
106 100
91 214.5 103.1 309.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion:152 Resp: 183239
Ion Ratio Lower Upper
152 100
115 61.0 38.7 116.1
150 156.5 0.0 348.2





#78

n-propylbenzene

Concen: 1.259 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX034319.D

Acq: 03 Mar 2023 13:50

Instrument :

MSVOA_X

ClientSampleId :

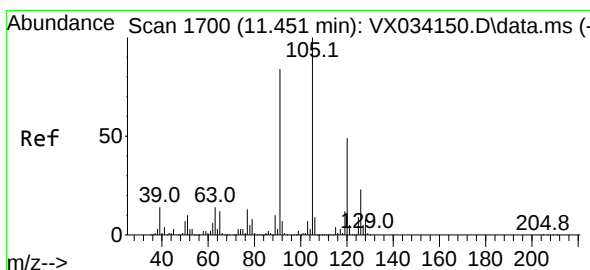
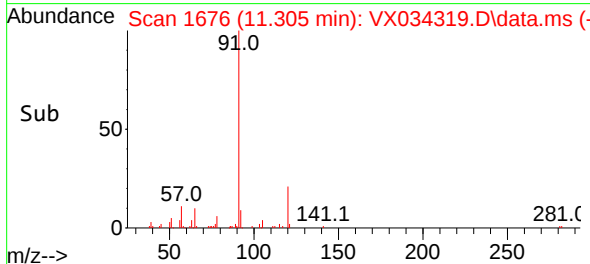
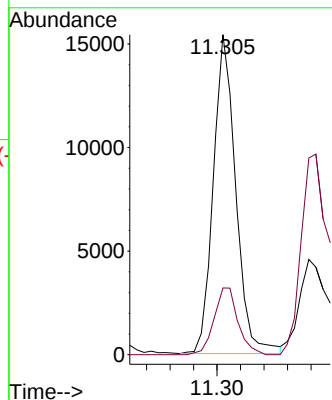
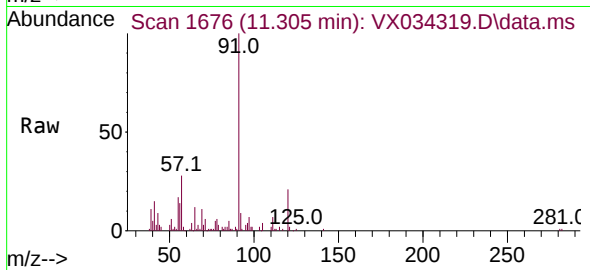
FMC-0081

Tgt Ion: 91 Resp: 20442

Ion Ratio Lower Upper

91 100

120 22.4 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 1.452 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX034319.D

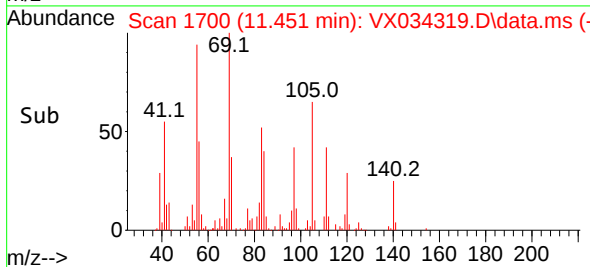
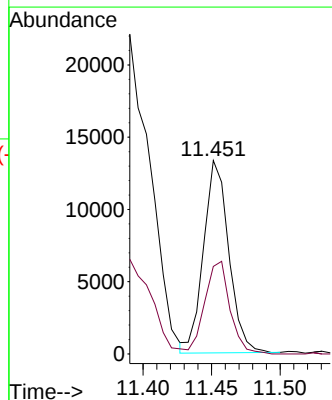
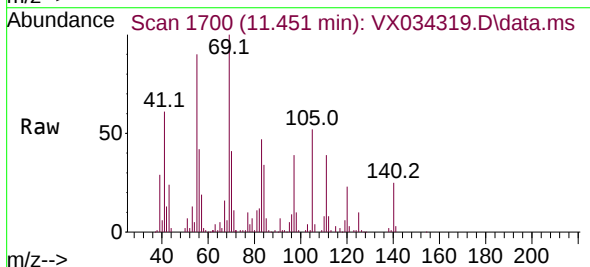
Acq: 03 Mar 2023 13:50

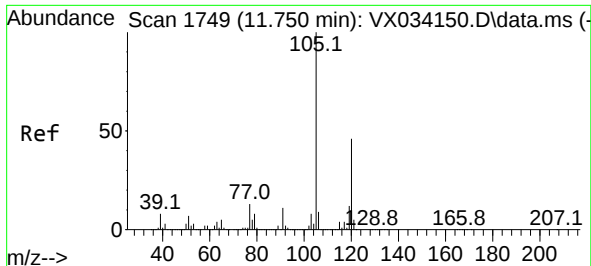
Tgt Ion:105 Resp: 17043

Ion Ratio Lower Upper

105 100

120 47.8 25.6 76.8

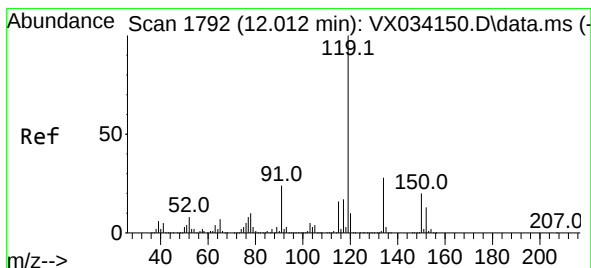
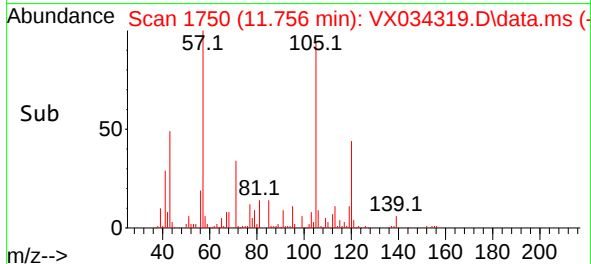
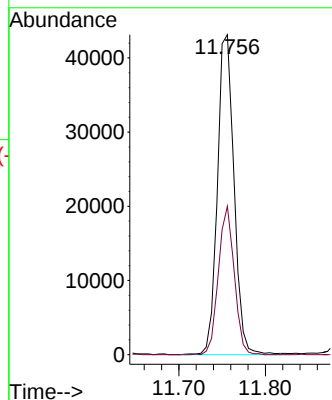
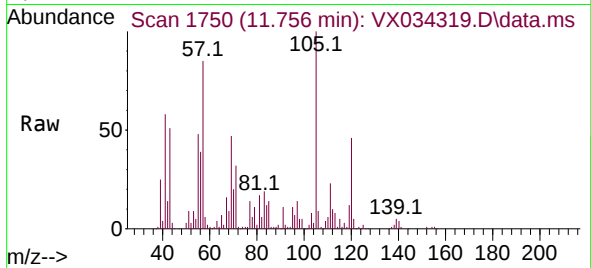




#84
1,2,4-Trimethylbenzene
Concen: 4.843 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

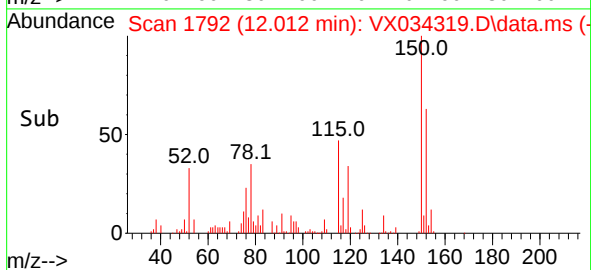
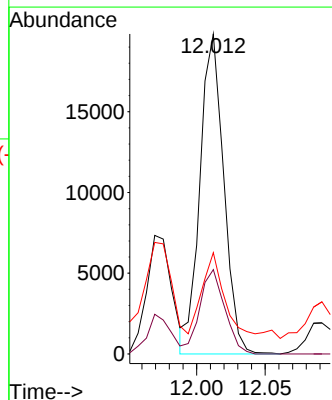
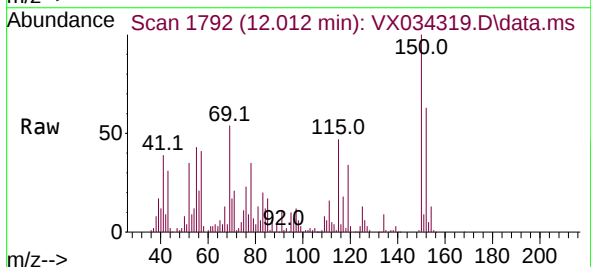
Instrument :
MSVOA_X
ClientSampleId :
FMC-0081

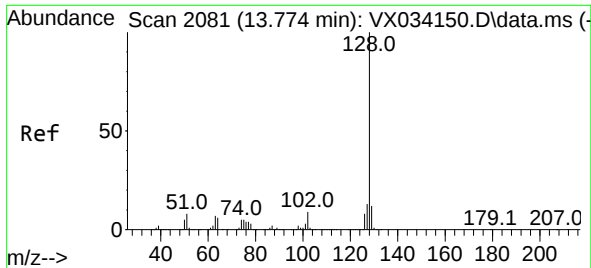
Tgt Ion:105 Resp: 57497
Ion Ratio Lower Upper
105 100
120 44.2 23.4 70.2



#86
p-Isopropyltoluene
Concen: 1.981 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Tgt Ion:119 Resp: 23945
Ion Ratio Lower Upper
119 100
134 27.9 13.6 40.8
91 27.0 11.0 33.0





#95
Naphthalene
Concen: 3.395 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX034319.D
Acq: 03 Mar 2023 13:50

Instrument :
MSVOA_X
ClientSampleId :
FMC-0081

Tgt Ion:128 Resp: 45285
Ion Ratio Lower Upper
128 100
127 14.5 10.3 15.5
129 13.5 8.7 13.1#

