

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033640.D
 Acq On : 06 Jan 2023 18:53
 Operator : JC/MD
 Sample : 01042-03 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KEARNYGEN-SILICA

Quant Time: Jan 07 04:29:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

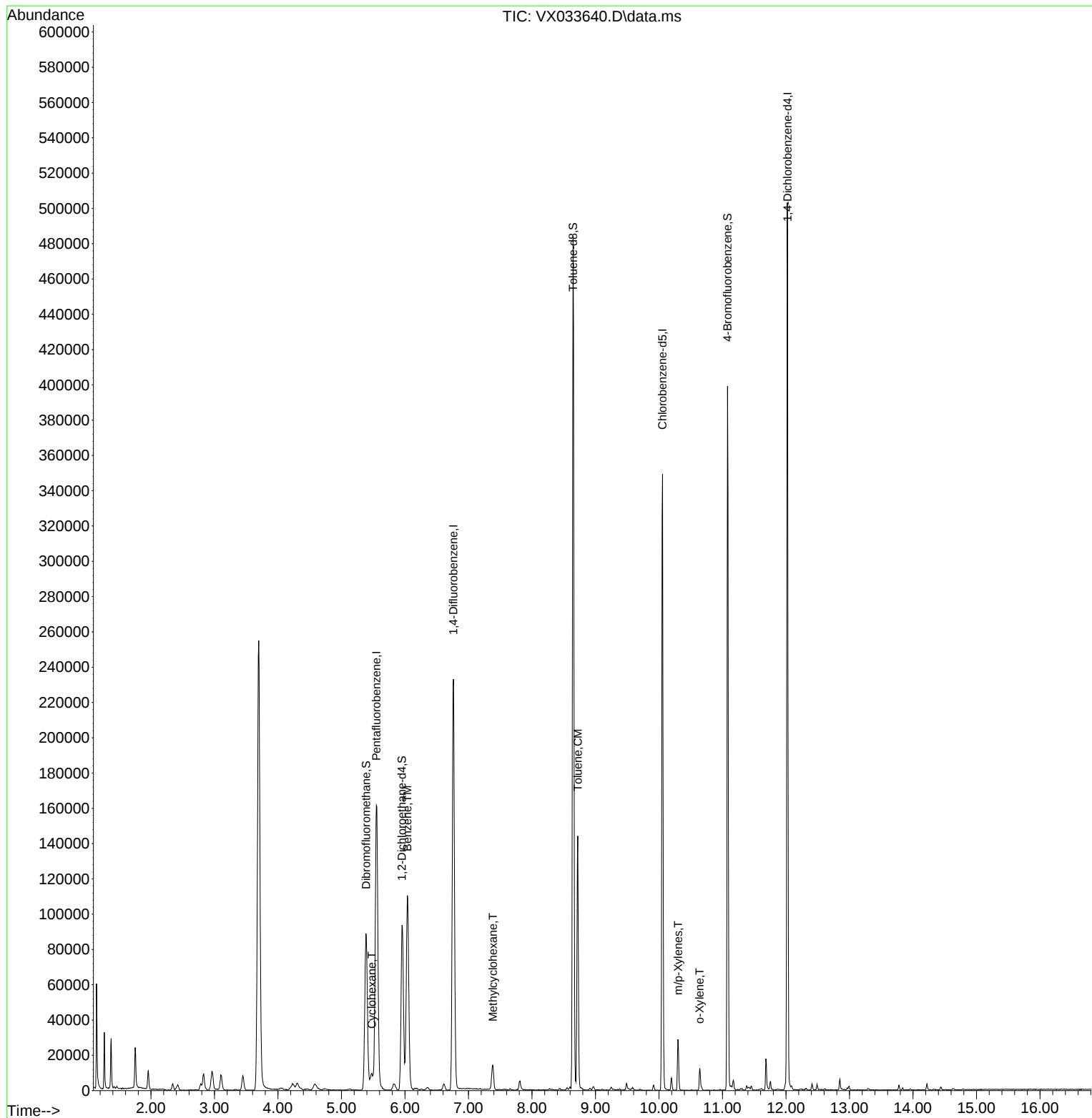
Internal Standards						
1) Pentafluorobenzene	5.550	168	168226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	245932	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92778	48.855	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	97.700%	
35) Dibromofluoromethane	5.385	113	77767	48.109	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.220%	
50) Toluene-d8	8.647	98	283638	49.092	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.180%	
62) 4-Bromofluorobenzene	11.079	95	101790	49.703	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
31) Cyclohexane	5.477	56	6150m	2.326	ug/l	
39) Methylcyclohexane	7.385	83	6157	2.252	ug/l	96
40) Benzene	6.038	78	134035	20.944	ug/l	100
52) Toluene	8.720	92	53571	12.732	ug/l	99
68) m/p-Xylenes	10.299	106	6701	3.136	ug/l	100
69) o-Xylene	10.640	106	2841	1.341	ug/l	97

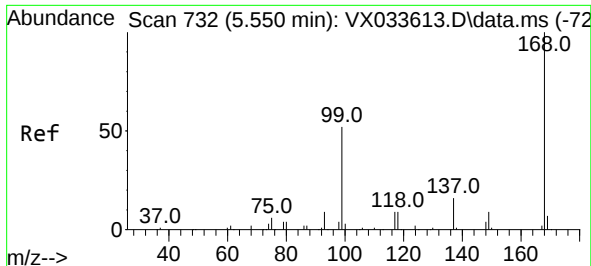
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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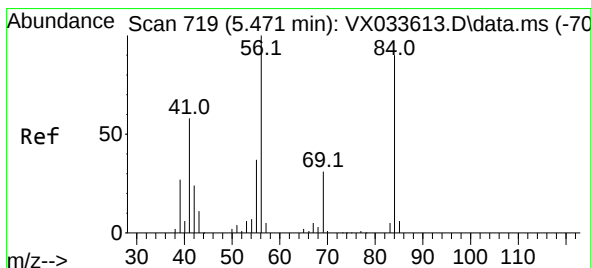
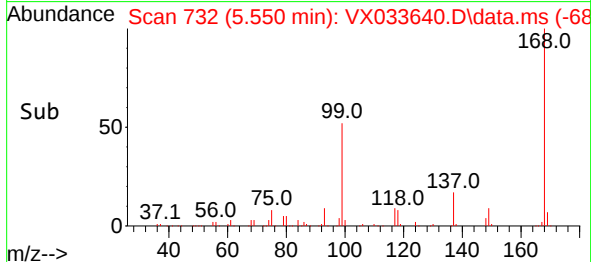
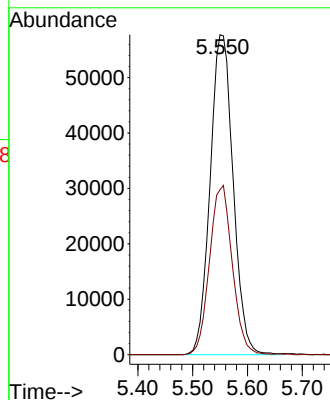
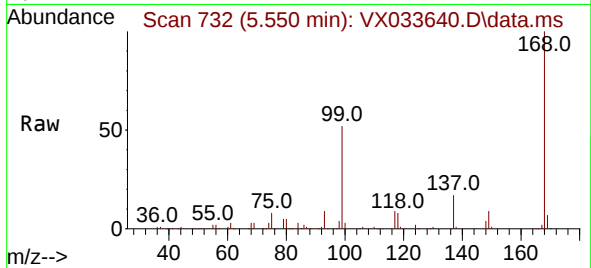




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

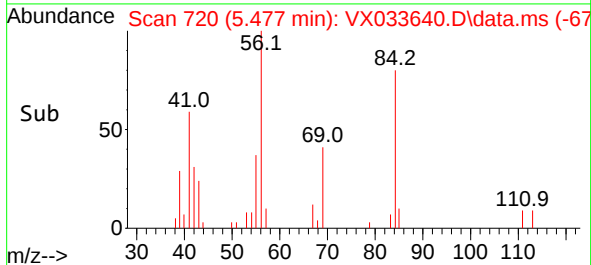
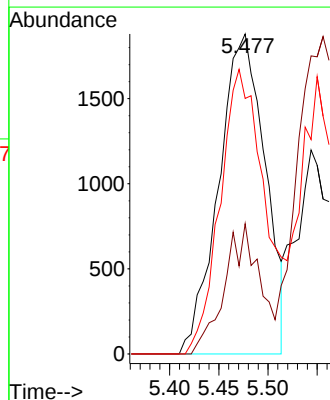
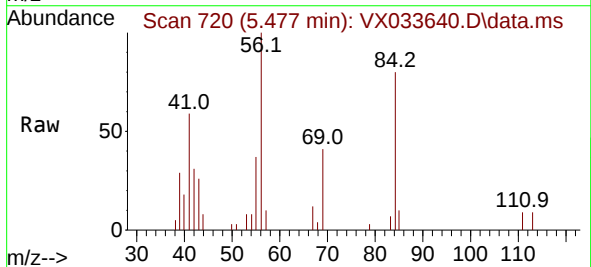
Instrument :
MSVOA_X
ClientSampleId :
KEARNYGEN-SILICA

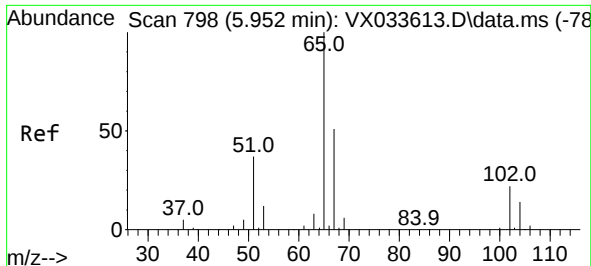
Tgt Ion:168 Resp: 168226
Ion Ratio Lower Upper
168 100
99 51.6 41.4 62.2



#31
Cyclohexane
Concen: 2.326 ug/l m
RT: 5.477 min Scan# 720
Delta R.T. 0.006 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Tgt Ion: 56 Resp: 6150
Ion Ratio Lower Upper
56 100
69 40.7 24.6 36.8#
84 79.8 72.2 108.2





#33

1,2-Dichloroethane-d4

Concen: 48.855 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX033640.D

Acq: 06 Jan 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

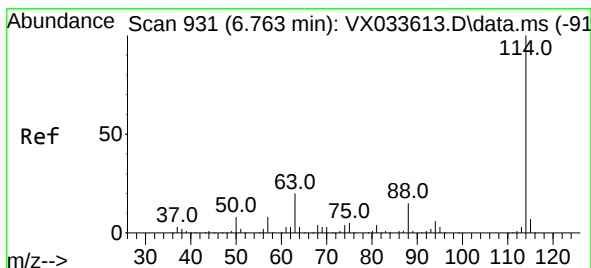
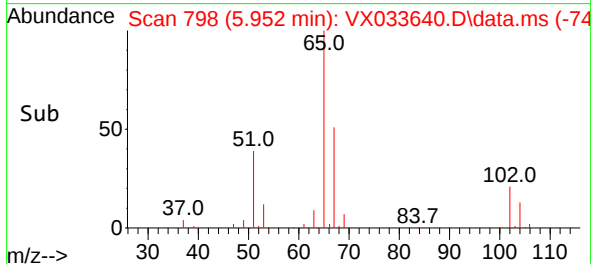
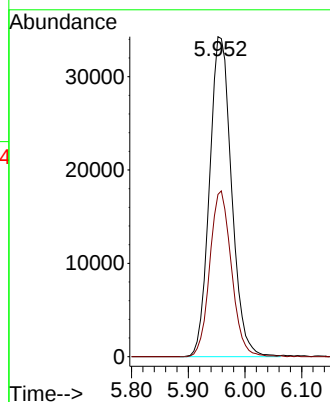
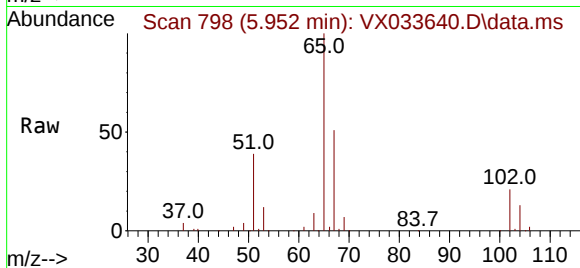
KEARNYGEN-SILICA

Tgt Ion: 65 Resp: 92778

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033640.D

Acq: 06 Jan 2023 18:53

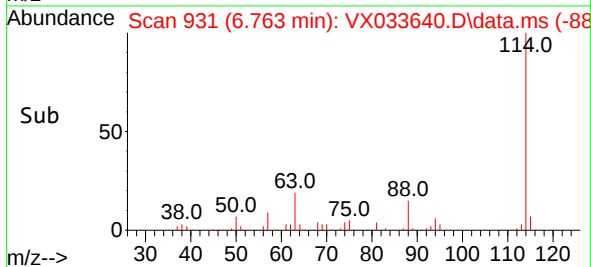
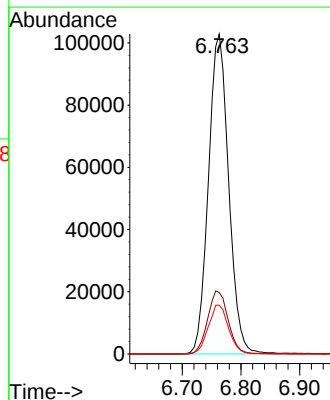
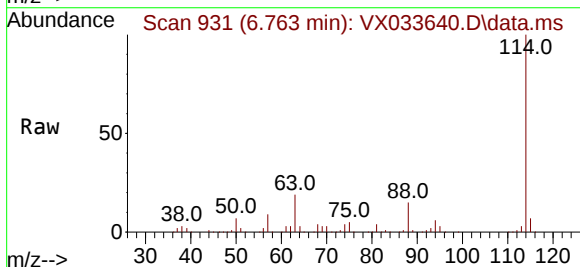
Tgt Ion: 114 Resp: 245932

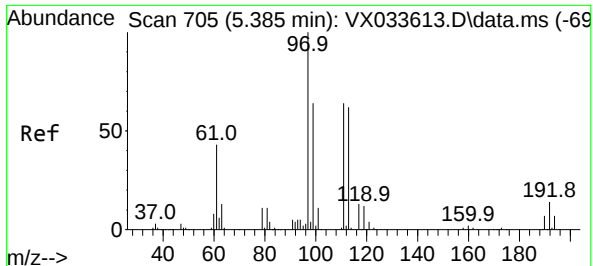
Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.2 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.109 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX033640.D

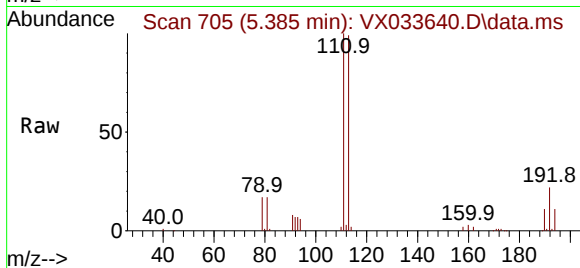
Acq: 06 Jan 2023 18:53

Instrument :

MSVOA_X

ClientSampleId :

KEARNYGEN-SILICA



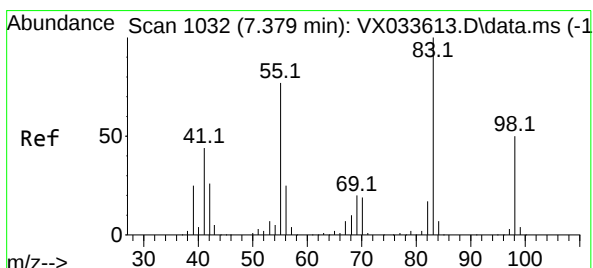
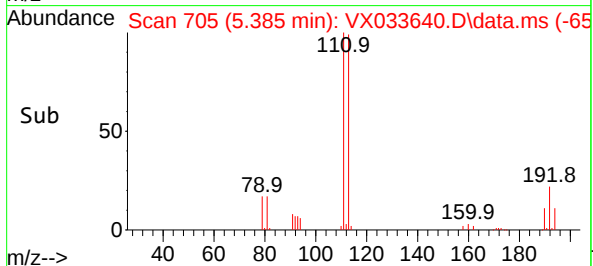
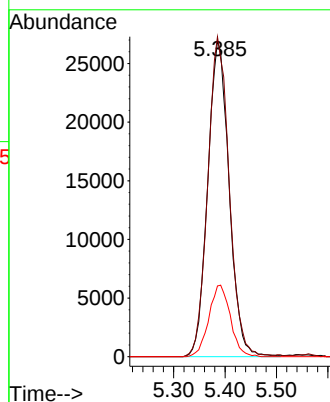
Tgt Ion:113 Resp: 77767

Ion Ratio Lower Upper

113 100

111 101.7 81.2 121.8

192 22.8 18.2 27.2



#39

Methylcyclohexane

Concen: 2.252 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX033640.D

Acq: 06 Jan 2023 18:53

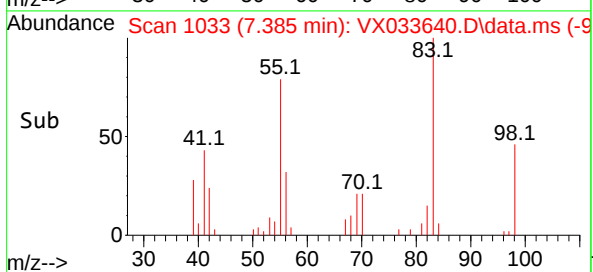
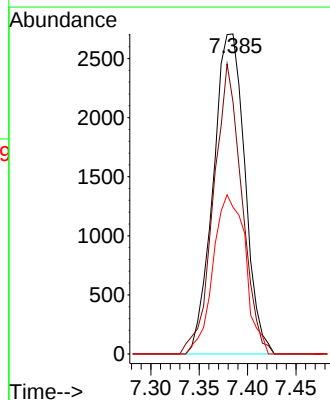
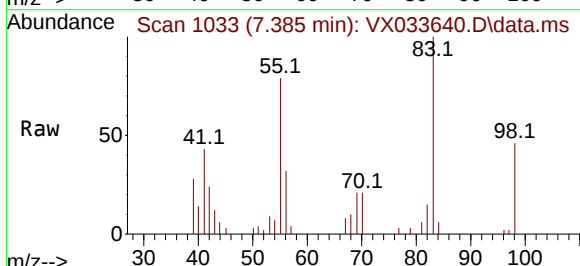
Tgt Ion: 83 Resp: 6157

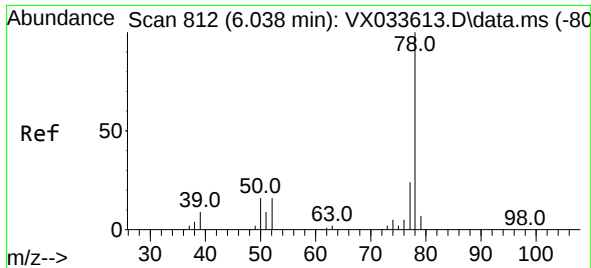
Ion Ratio Lower Upper

83 100

55 78.7 61.4 92.2

98 45.9 40.2 60.2

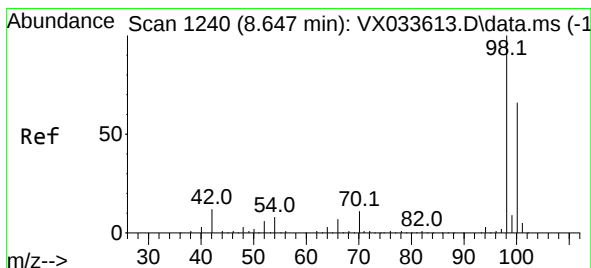
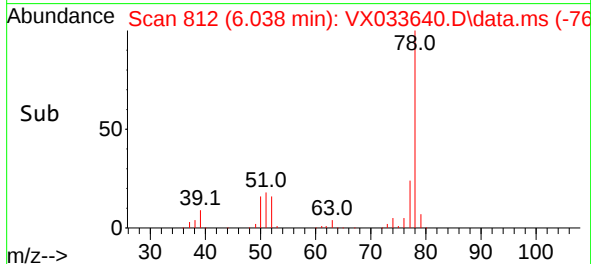
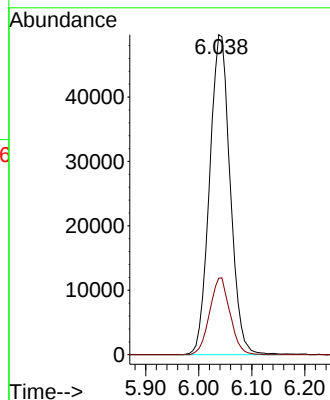
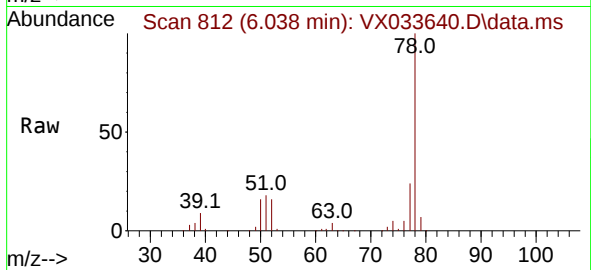




#40
Benzene
Concen: 20.944 ug/l
RT: 6.038 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

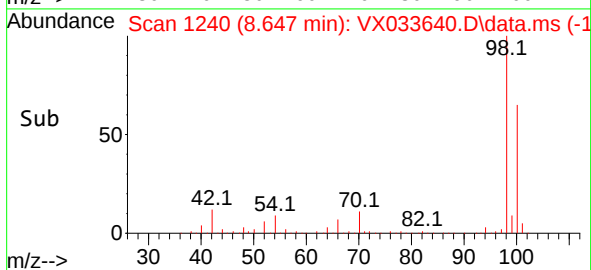
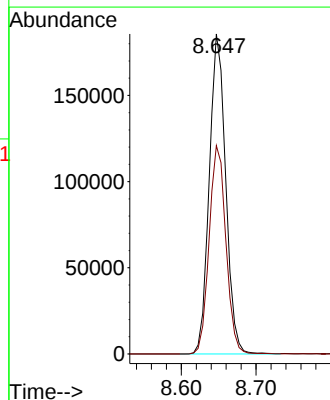
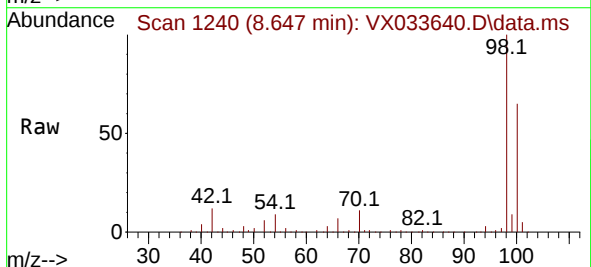
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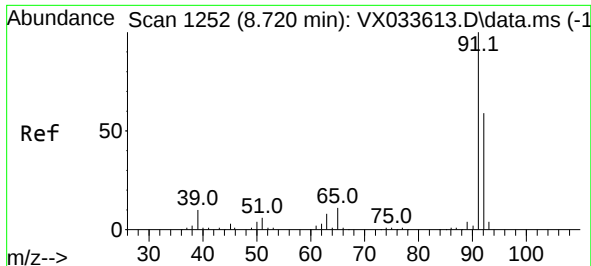
Tgt Ion: 78 Resp: 134035
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6



#50
Toluene-d8
Concen: 49.092 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Tgt Ion: 98 Resp: 283638
Ion Ratio Lower Upper
98 100
100 66.5 53.6 80.4

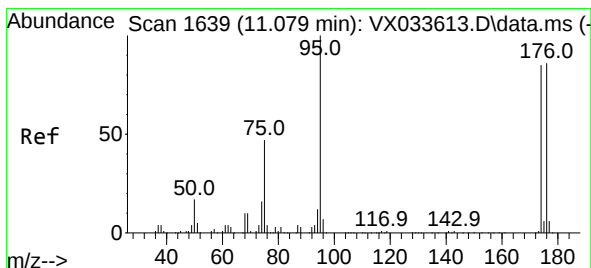
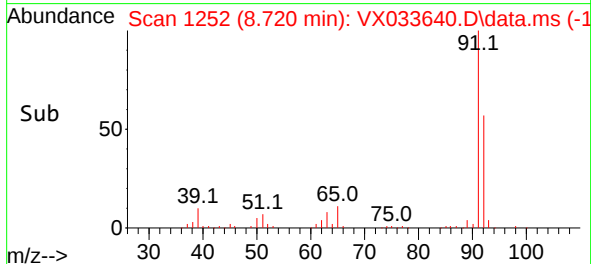
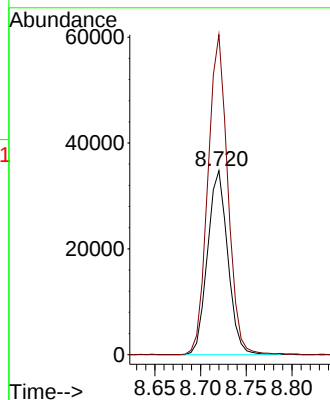
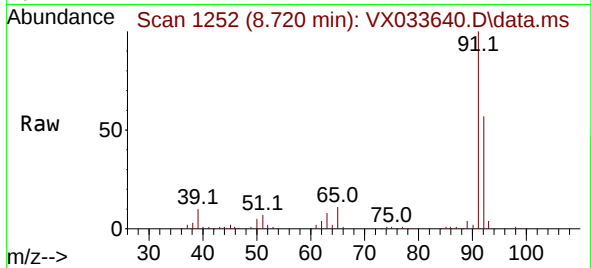




#52
Toluene
Concen: 12.732 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

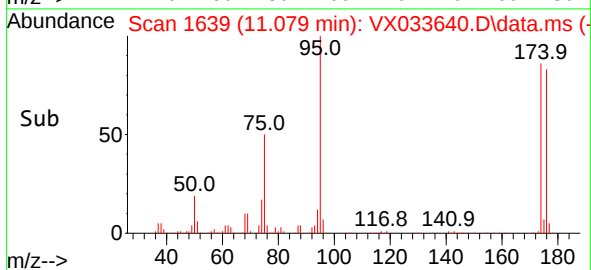
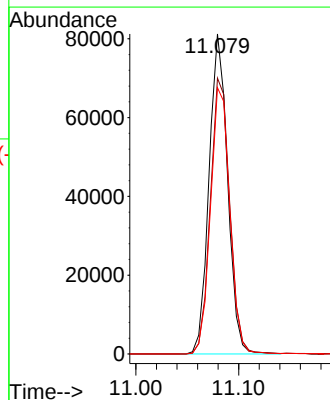
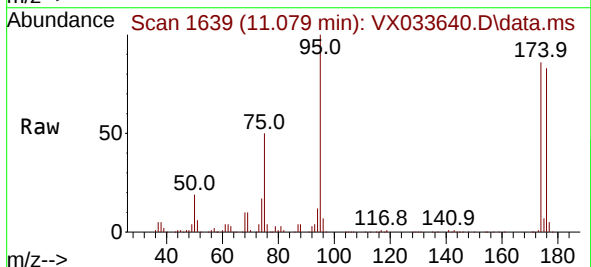
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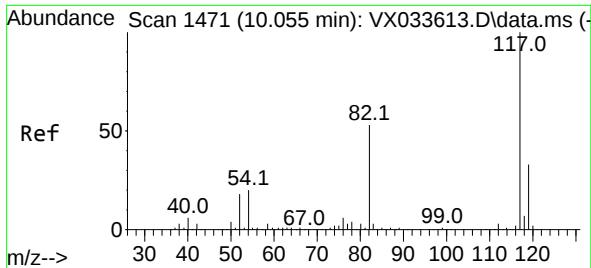
Tgt Ion: 92 Resp: 53571
Ion Ratio Lower Upper
92 100
91 170.5 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 49.703 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Tgt Ion: 95 Resp: 101790
Ion Ratio Lower Upper
95 100
174 90.2 0.0 180.4
176 86.8 0.0 176.2

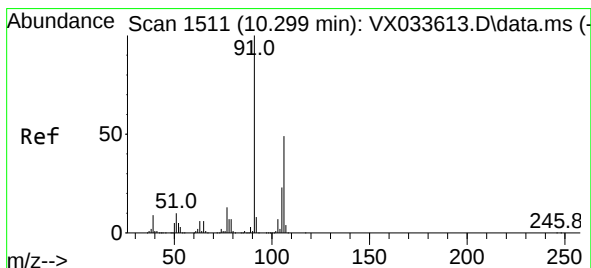
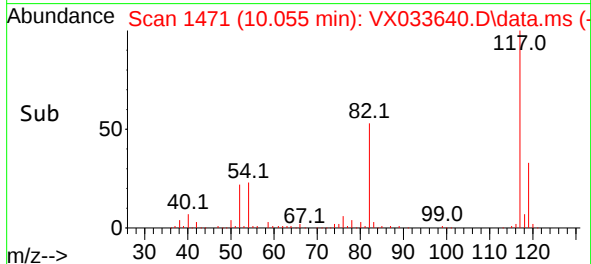
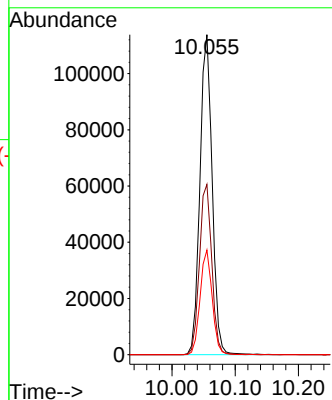
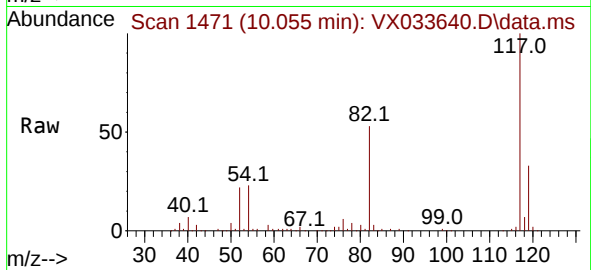




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

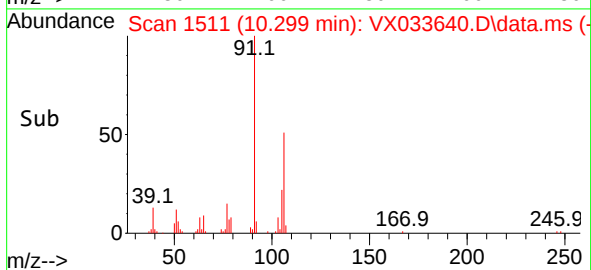
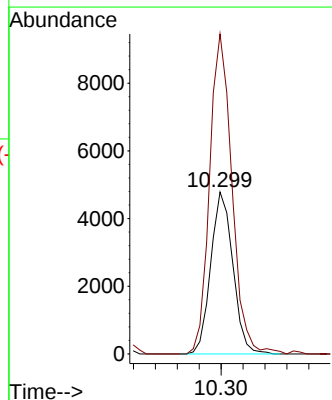
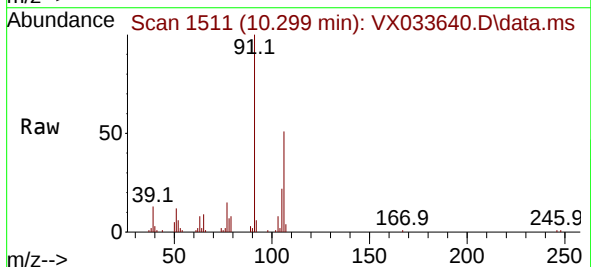
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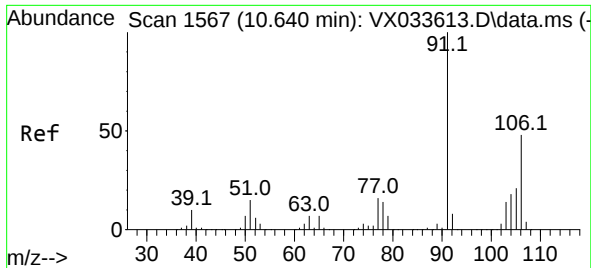
Tgt Ion:117 Resp: 153262
Ion Ratio Lower Upper
117 100
82 53.2 42.2 63.2
119 32.7 26.2 39.4



#68
m/p-Xylenes
Concen: 3.136 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Tgt Ion:106 Resp: 6701
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4

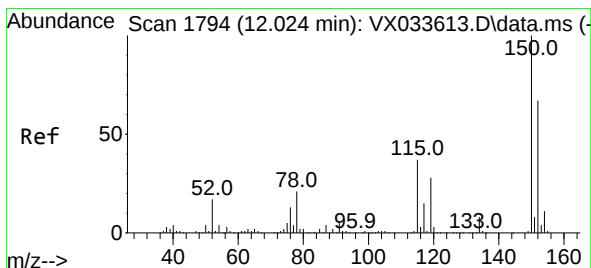
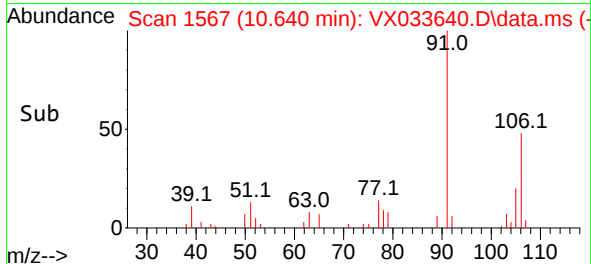
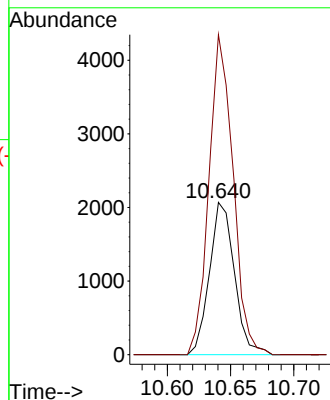
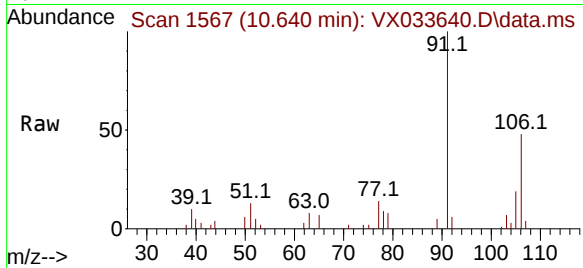




#69
o-Xylene
Concen: 1.341 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Instrument :
MSVOA_X
ClientSampleId :
KEARNYGEN-SILICA

Tgt Ion:106 Resp: 2841
Ion Ratio Lower Upper
106 100
91 203.1 104.1 312.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033640.D
Acq: 06 Jan 2023 18:53

Tgt Ion:152 Resp: 107617
Ion Ratio Lower Upper
152 100
115 55.7 38.5 115.5
150 156.6 0.0 340.4

