

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012725\
 Data File : VX044727.D
 Acq On : 27 Jan 2025 16:28
 Operator : JC/MD
 Sample : Q1169-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL

Quant Time: Jan 28 04:15:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

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

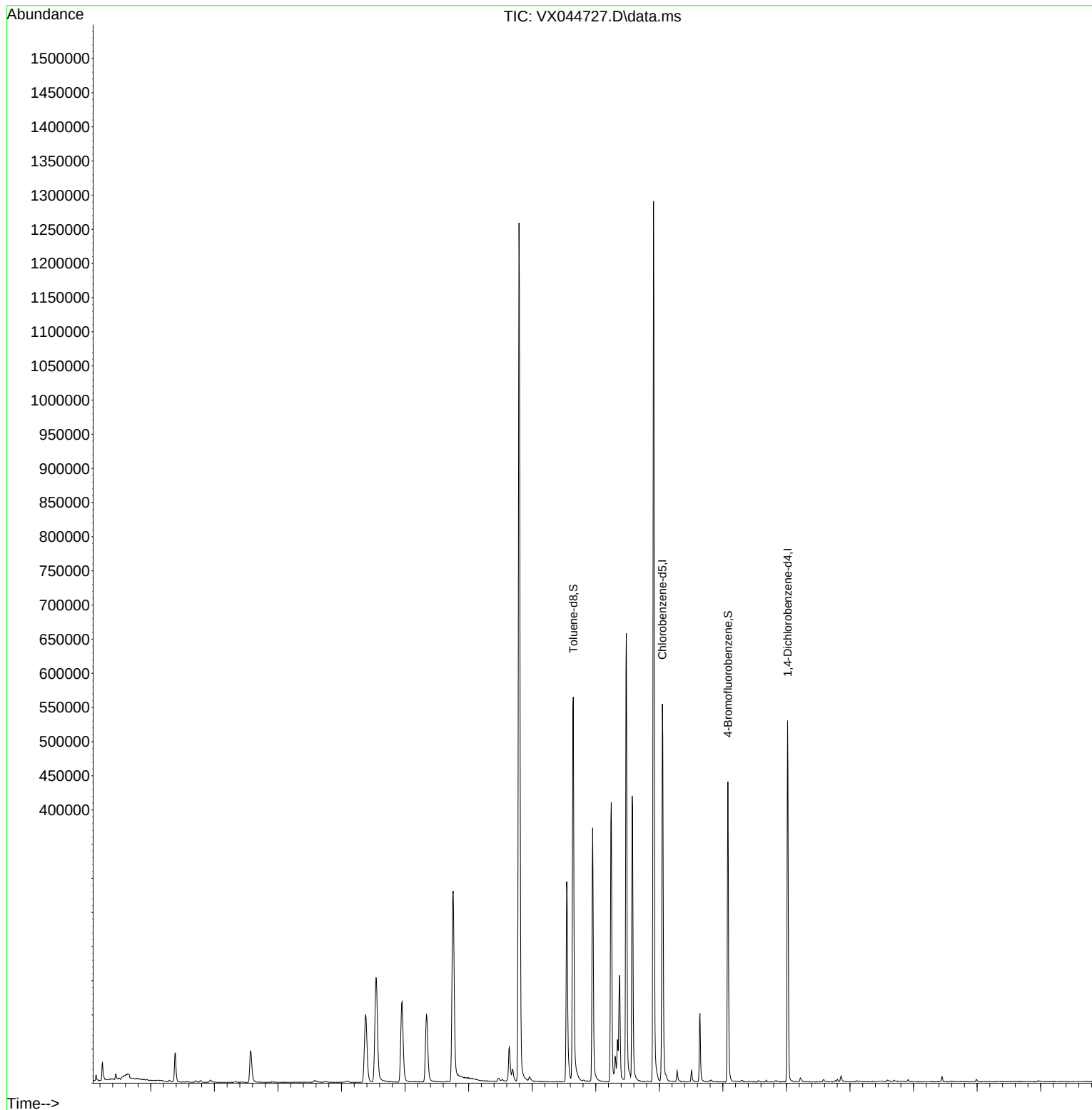
Internal Standards						
1) Pentafluorobenzene	5.550	168	148587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	298945	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	254468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	111164	49.565	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	5.379	113	87866	46.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.540%		
50) Toluene-d8	8.647	98	360726	54.474	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.940%		
62) 4-Bromofluorobenzene	11.079	95	124947	50.615	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.220%		
Target Compounds						
16) Acetone	2.385	43	48841	55.042	ug/l	93
18) Methyl Acetate	2.709	43	2803	1.024	ug/l	95
43) Isopropyl Acetate	6.336	43	143791	27.764	ug/l	99

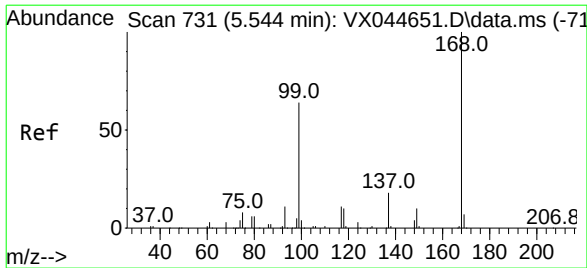
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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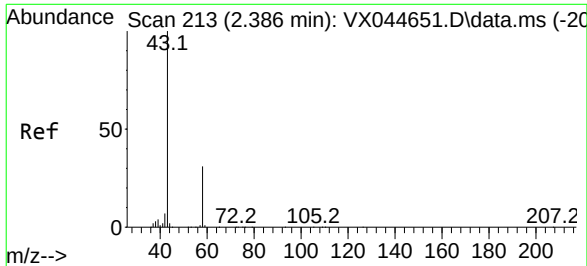
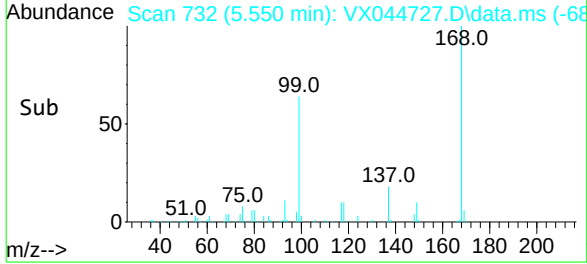
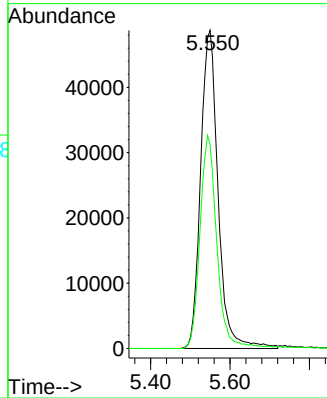
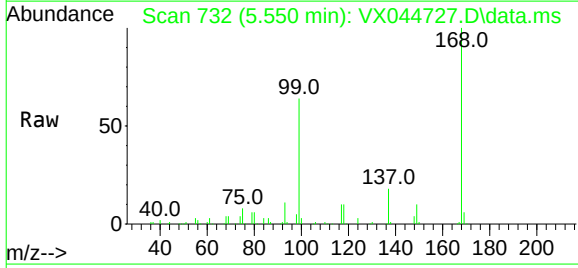




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 731
Delta R.T. 0.006 min
Lab File: VX044727.D
Acq: 27 Jan 2025 16:28

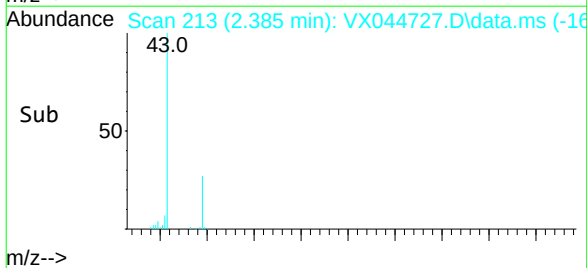
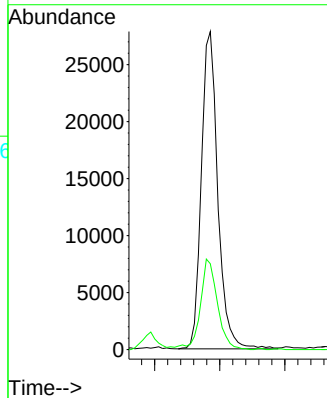
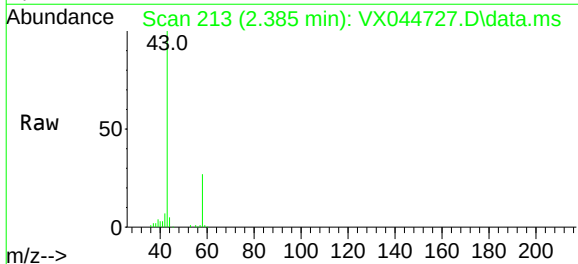
Instrument :
MSVOA_X
ClientSampleId :
REGULATOR-BUILDING-GRAVEL

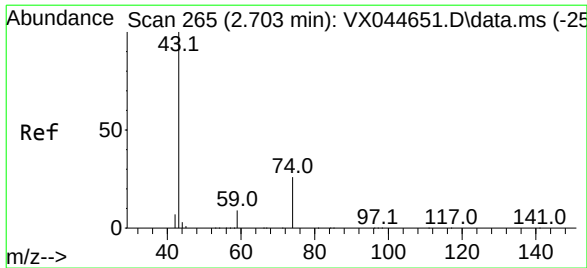
Tgt Ion:168 Resp: 148587
Ion Ratio Lower Upper
168 100
99 64.1 51.1 76.7



#16
Acetone
Concen: 55.042 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX044727.D
Acq: 27 Jan 2025 16:28

Tgt Ion: 43 Resp: 48841
Ion Ratio Lower Upper
43 100
58 26.8 24.6 37.0





#18

Methyl Acetate

Concen: 1.024 ug/l

RT: 2.709 min Scan# 265

Delta R.T. 0.006 min

Lab File: VX044727.D

Acq: 27 Jan 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

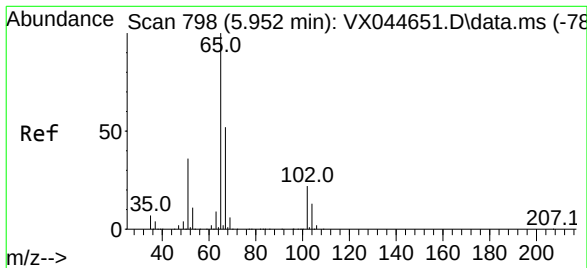
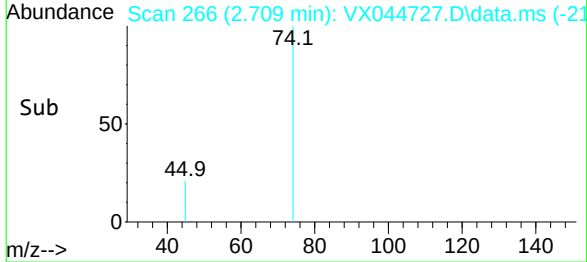
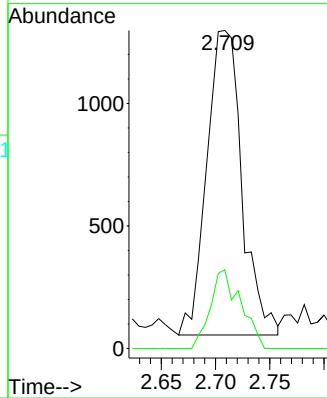
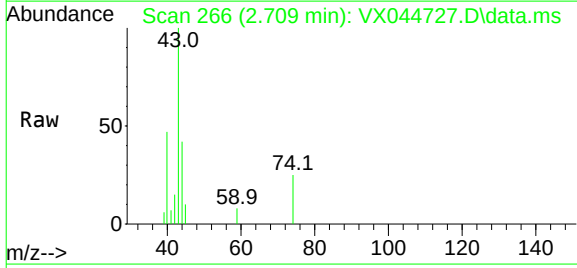
REGULATOR-BUILDING-GRAVEL

Tgt Ion: 43 Resp: 2803

Ion Ratio Lower Upper

43 100

74 22.3 19.8 29.8



#33

1,2-Dichloroethane-d4

Concen: 49.565 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044727.D

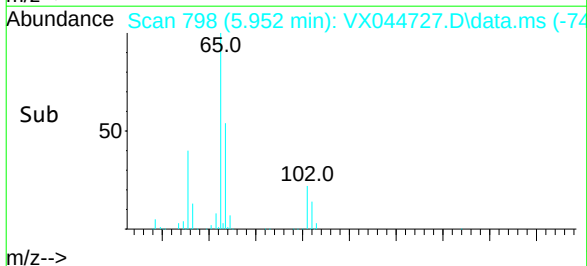
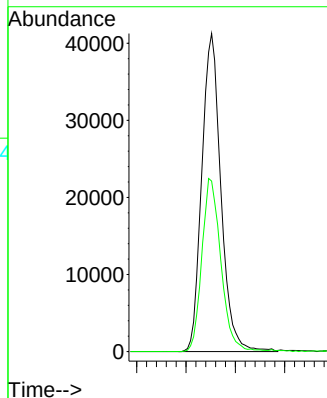
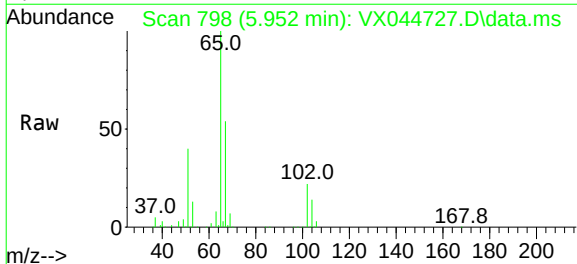
Acq: 27 Jan 2025 16:28

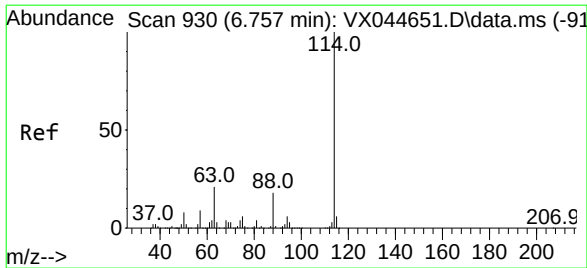
Tgt Ion: 65 Resp: 111164

Ion Ratio Lower Upper

65 100

67 54.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044727.D

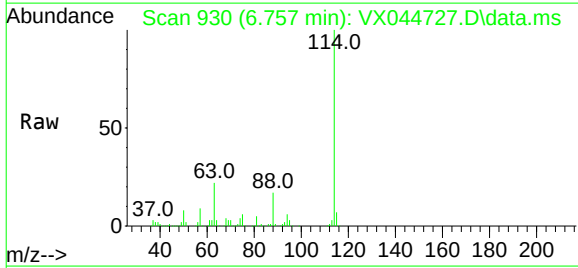
Acq: 27 Jan 2025 16:28

Instrument :

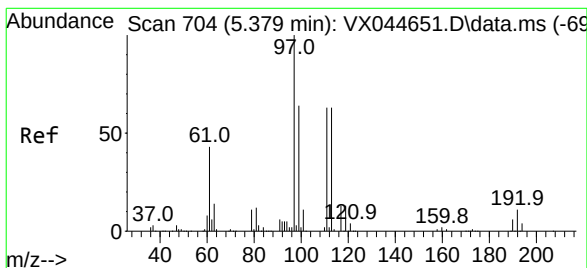
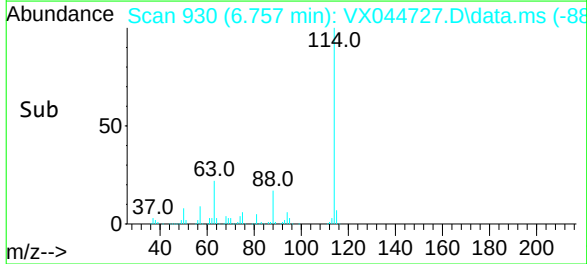
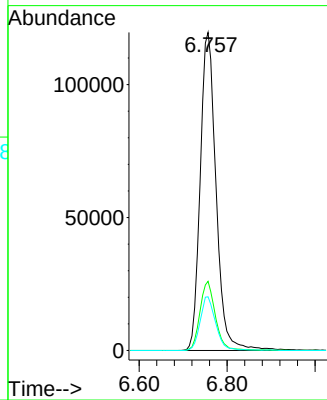
MSVOA_X

ClientSampleId :

REGULATOR-BUILDING-GRAVEL



Tgt Ion:	114	Resp:	298945
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.0
88	16.9	0.0	35.4



#35

Dibromofluoromethane

Concen: 46.266 ug/l

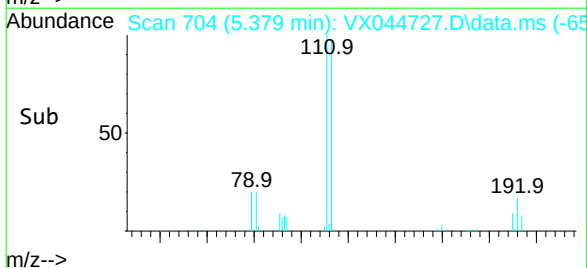
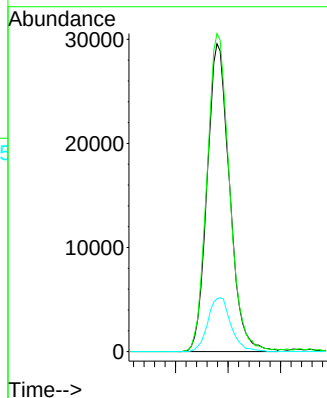
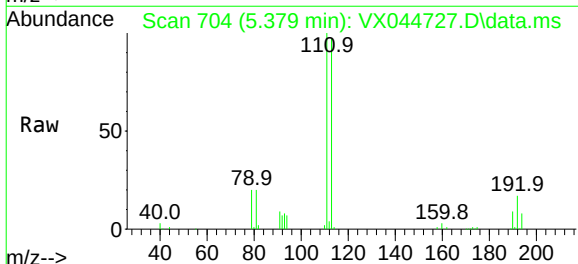
RT: 5.379 min Scan# 704

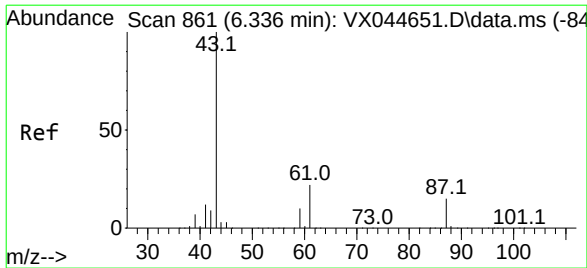
Delta R.T. -0.000 min

Lab File: VX044727.D

Acq: 27 Jan 2025 16:28

Tgt Ion:	113	Resp:	87866
Ion	Ratio	Lower	Upper
113	100		
111	103.6	81.6	122.4
192	17.9	14.4	21.6





#43

Isopropyl Acetate

Concen: 27.764 ug/l

RT: 6.336 min Scan# 861

Delta R.T. -0.000 min

Lab File: VX044727.D

Acq: 27 Jan 2025 16:28

Instrument :

MSVOA_X

ClientSampleId :

REGULATOR-BUILDING-GRAVEL

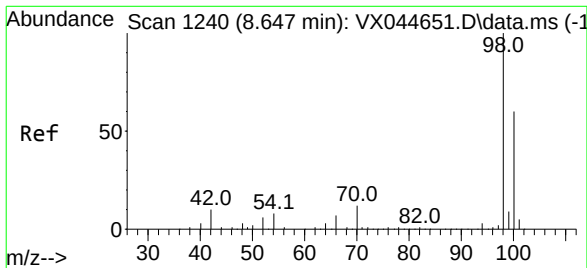
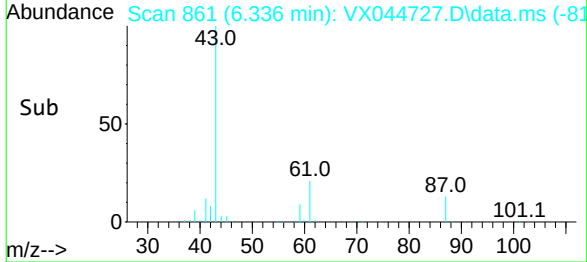
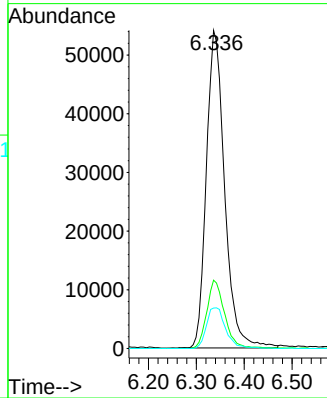
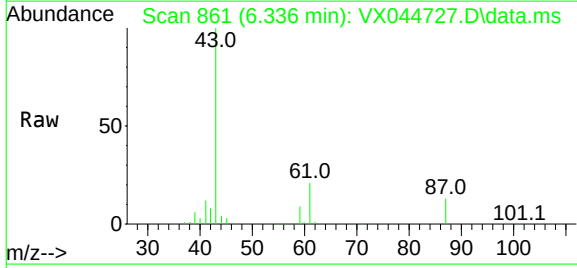
Tgt Ion: 43 Resp: 143791

Ion Ratio Lower Upper

43 100

61 21.1 16.6 24.8

87 13.5 11.0 16.6



#50

Toluene-d8

Concen: 54.474 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044727.D

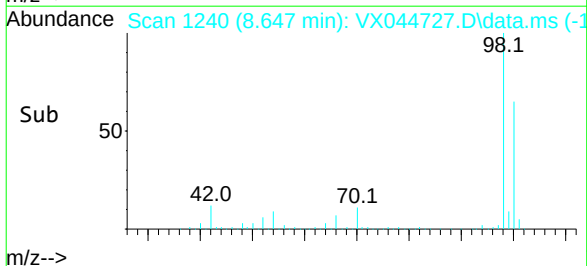
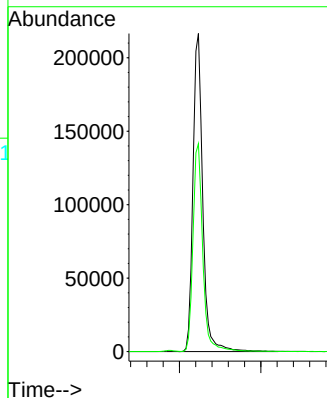
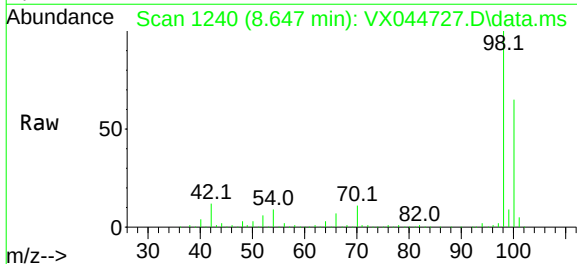
Acq: 27 Jan 2025 16:28

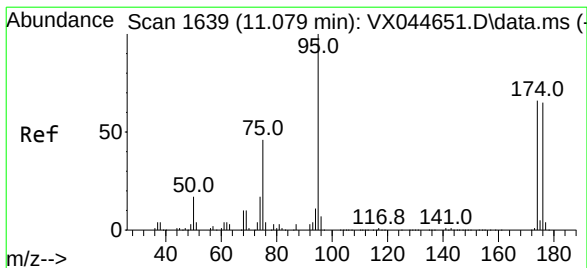
Tgt Ion: 98 Resp: 360726

Ion Ratio Lower Upper

98 100

100 65.5 53.2 79.8

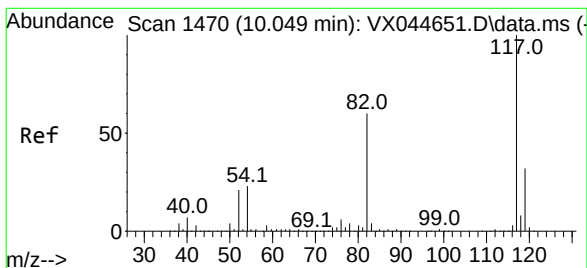
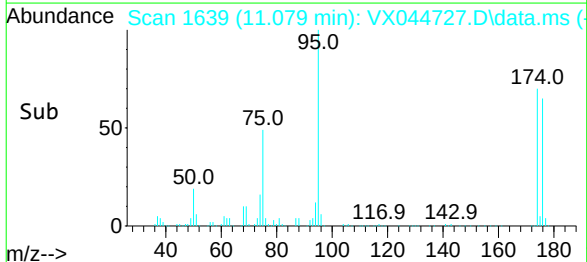
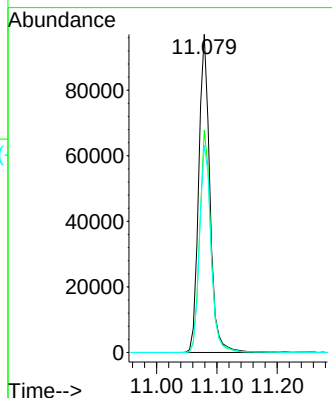
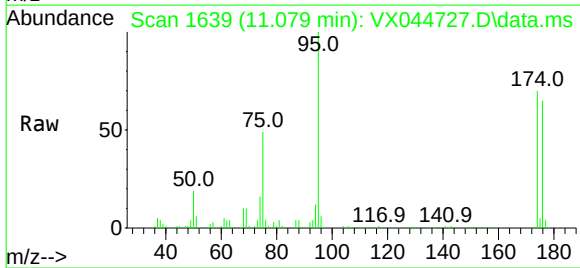




#62
4-Bromofluorobenzene
Concen: 50.615 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044727.D
Acq: 27 Jan 2025 16:28

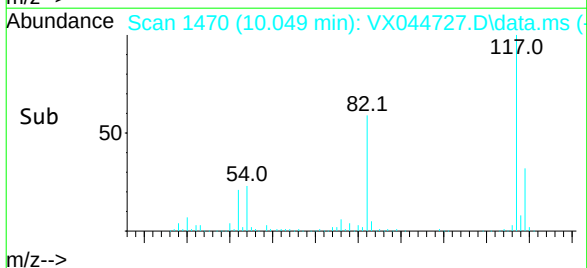
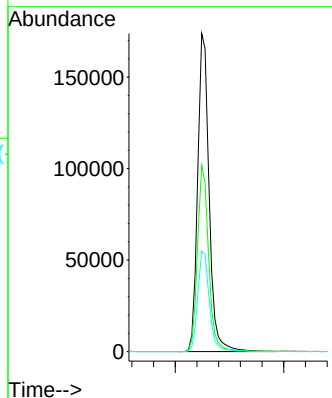
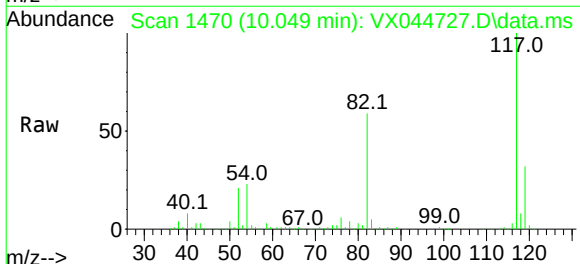
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REGULATOR-BUILDING-GRAVEL

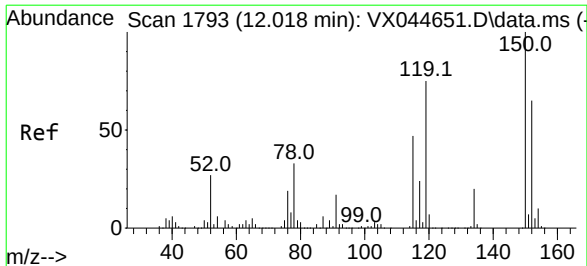
Tgt Ion: 95 Resp: 124947
Ion Ratio Lower Upper
95 100
174 70.0 0.0 133.0
176 67.4 0.0 129.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044727.D
Acq: 27 Jan 2025 16:28

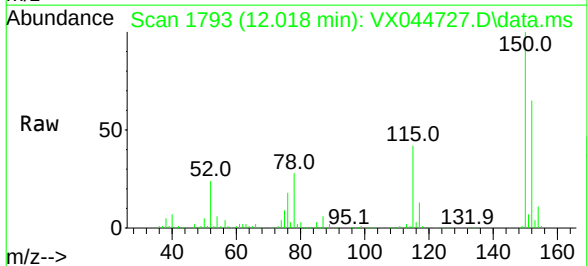
Tgt Ion: 117 Resp: 254468
Ion Ratio Lower Upper
117 100
82 58.5 47.6 71.4
119 31.6 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VX044727.D
 Acq: 27 Jan 2025 16:28

Instrument :
 MSVOA_X
 ClientSampleId :
 REGULATOR-BUILDING-GRAVEL



Tgt Ion:152 Resp: 109772
 Ion Ratio Lower Upper
 152 100
 115 61.6 43.8 131.4
 150 154.9 0.0 347.8

