

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090420\
 Data File : VX018260.D
 Acq On : 04 Sep 2020 15:13
 Operator : JC/SP
 Sample : L3883-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(SEP)

Quant Time: Sep 07 08:40:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	75802	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	374551	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	356246	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	184400	30.83	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.77%
60) 4-Bromofluorobenzene	11.12	95	174285	28.23	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.10%
63) Toluene-d8	8.70	98	457509	29.14	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.13%

Target Compounds

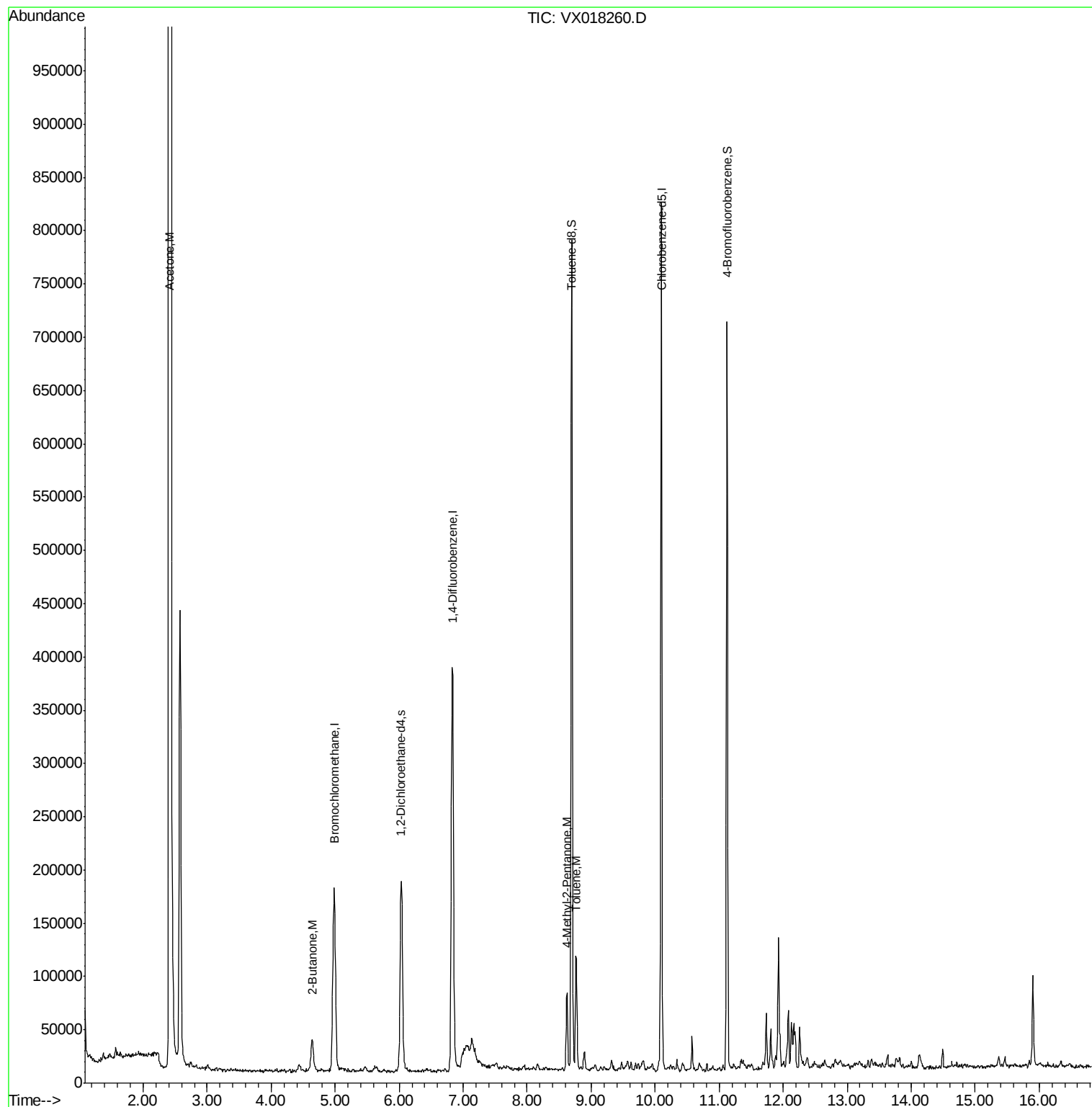
					Ovalue
15) Acetone	2.42	58	2252497	3642.601	ug/l 89
30) 2-Butanone	4.64	43	50896	16.258	ug/l 95
58) 4-Methyl-2-Pentanone	8.62	43	43475	7.095	ug/l 96
62) Toluene	8.76	91	68552	3.824	ug/l 99

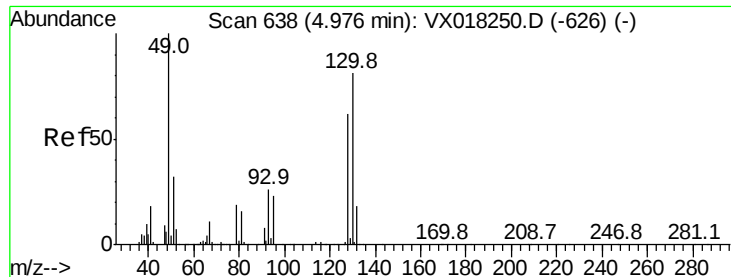
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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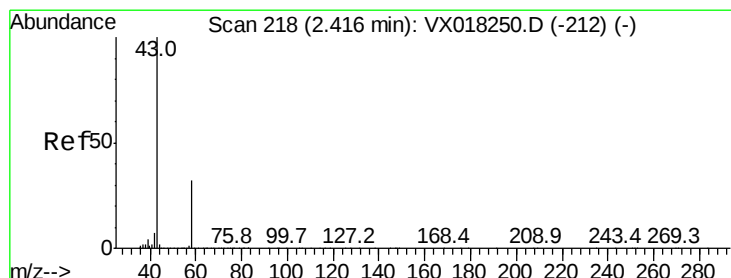
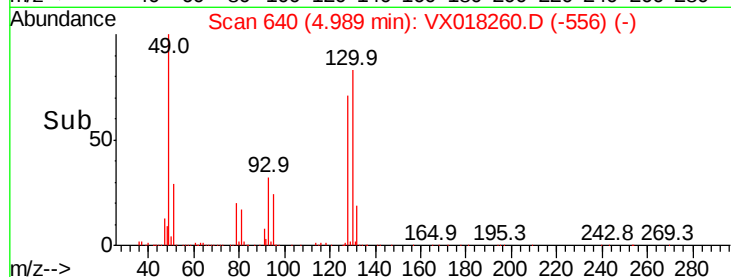
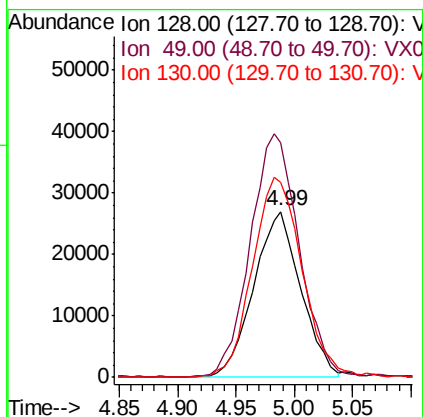
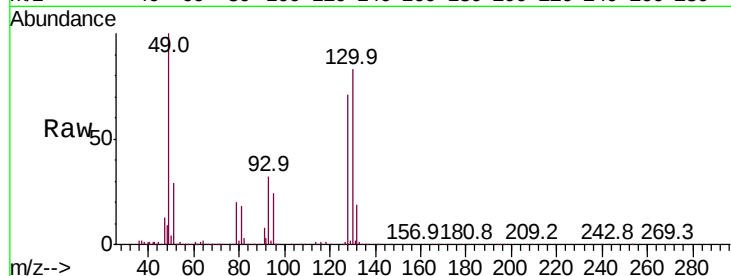




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.99 min Scan# 640
 Delta R.T. 0.01 min
 Lab File: VX018260.D
 Acq: 04 Sep 2020 15:13

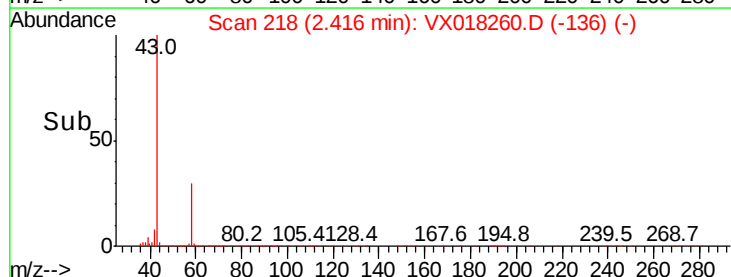
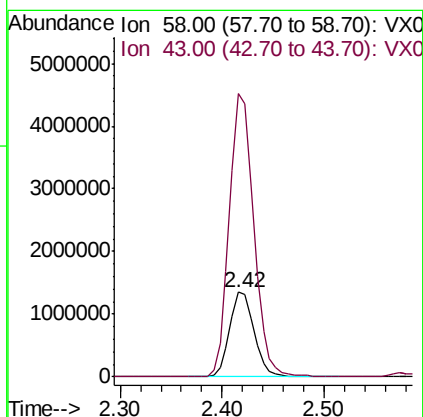
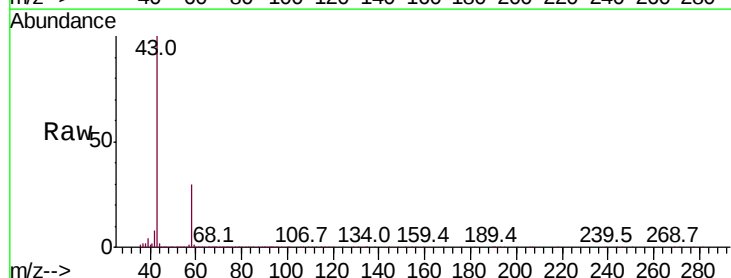
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(SEP)

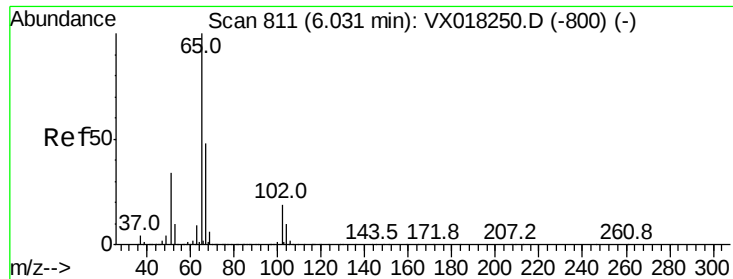
Tot Ion:128 Resp: 75802
 Ion Ratio Lower Upper
 128 100
 49 153.5 0.0 392.0
 130 127.2 0.0 320.2



#15
 Acetone
 Concen: 3642.601 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX018260.D
 Acq: 04 Sep 2020 15:13

Tgt Ion: 58 Resp: 2252497
 Ion Ratio Lower Upper
 58 100
 43 333.2 248.2 372.2





#27

1,2-Dichloroethane-d4

Concen: 30.835 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

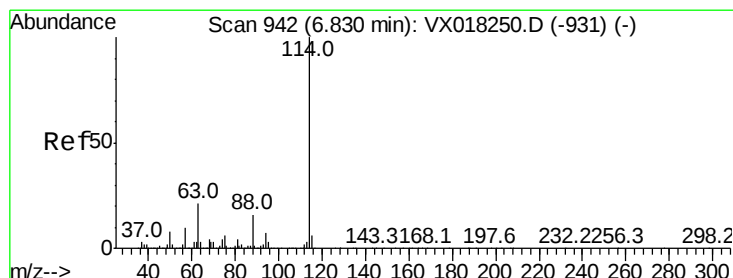
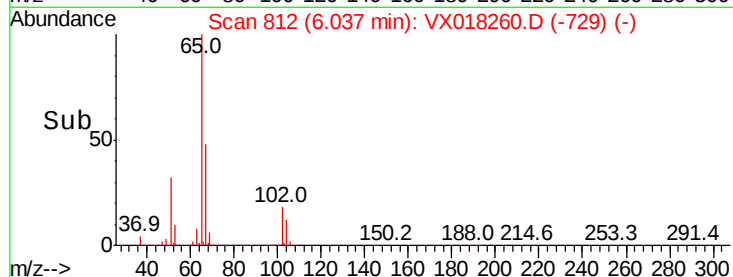
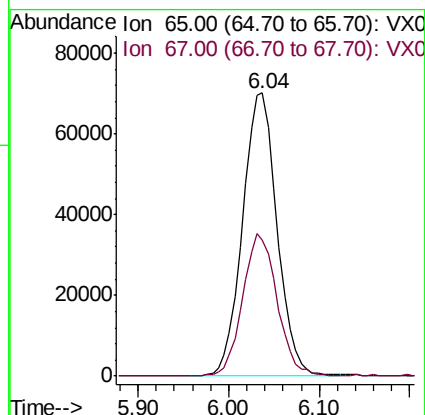
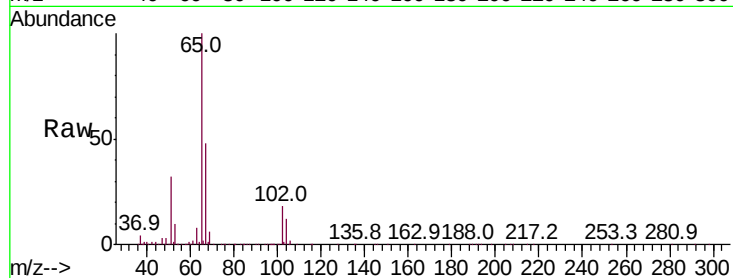
002-35TH-AVE-(SEP)

Tot Ion: 65 Resp: 184400

Ion Ratio Lower Upper

65 100

67 50.4 39.9 59.9



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

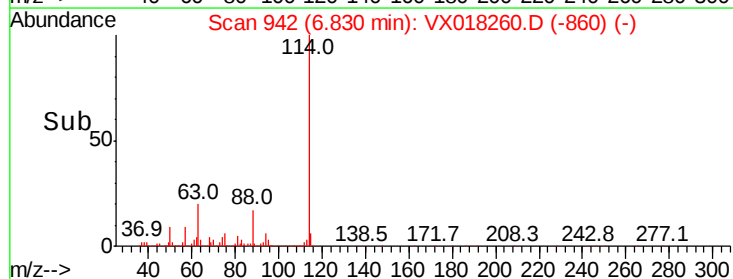
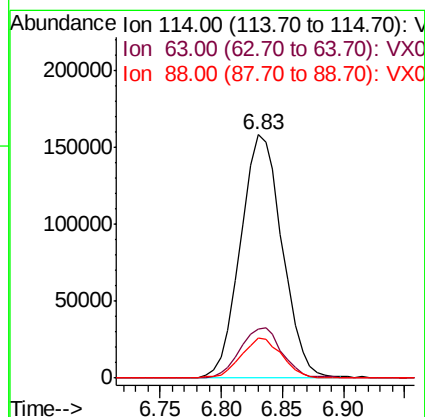
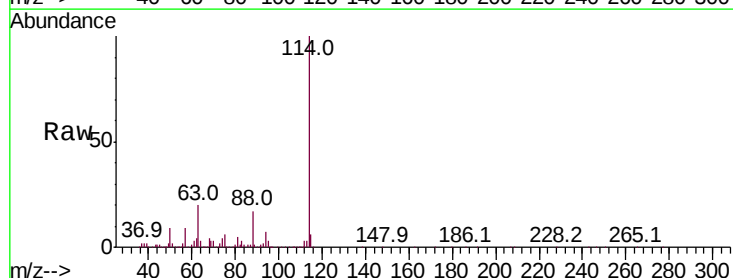
Tgt Ion: 114 Resp: 374551

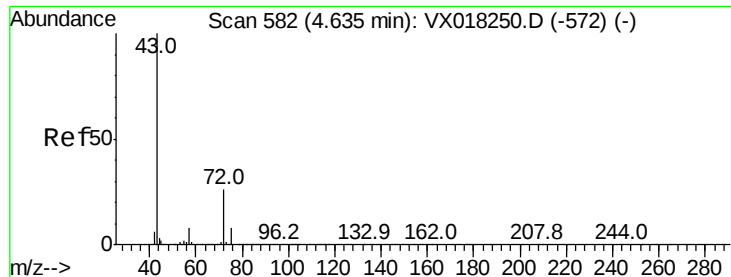
Ion Ratio Lower Upper

114 100

63 20.6 16.7 25.1

88 16.4 12.6 18.8

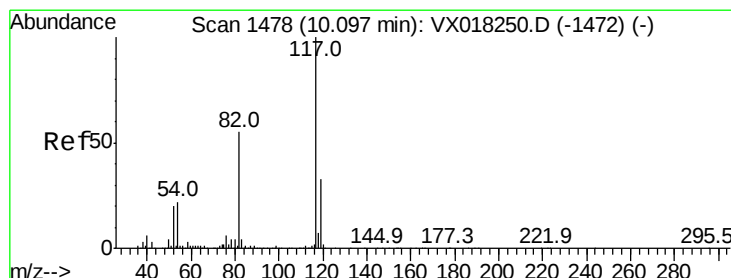
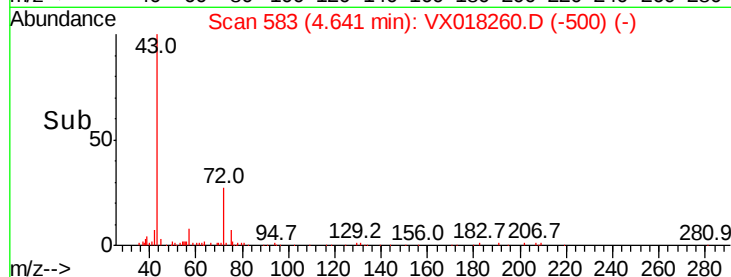
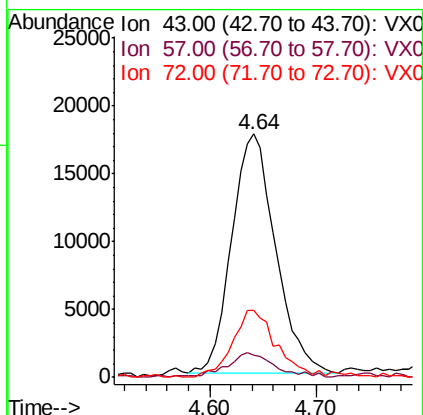
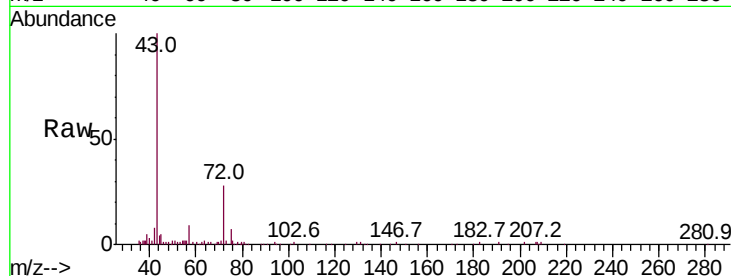




#30
2-Butanone
Concen: 16.258 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018260.D
Acq: 04 Sep 2020 15:13

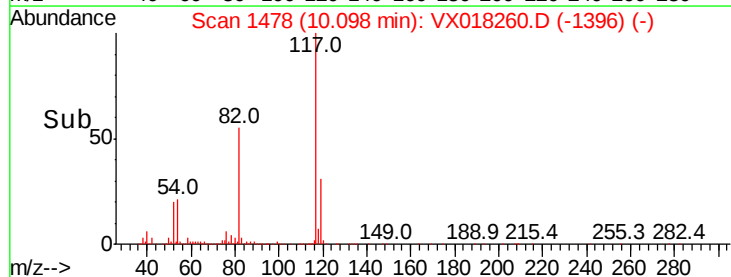
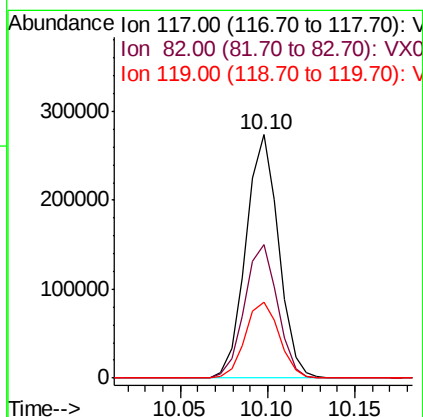
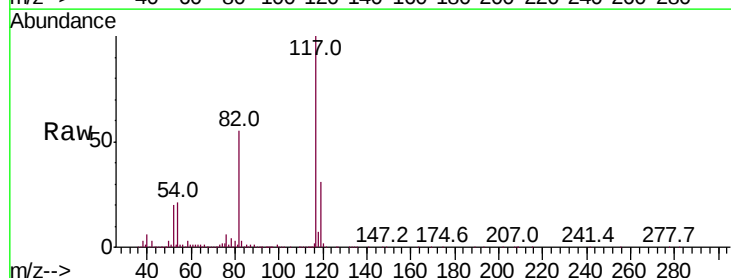
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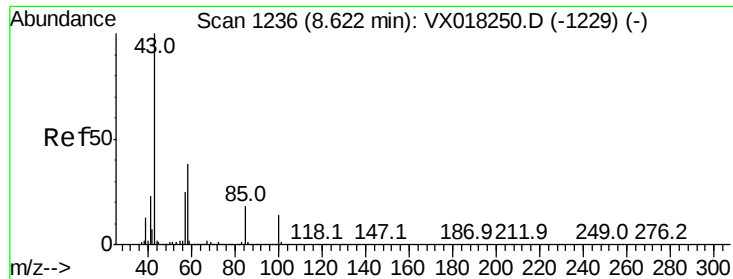
Tot Ion: 43 Resp: 50896
Ion Ratio Lower Upper
43 100
57 9.4 6.7 10.1
72 28.0 20.0 30.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018260.D
Acq: 04 Sep 2020 15:13

Tgt Ion: 117 Resp: 356246
Ion Ratio Lower Upper
117 100
82 55.5 44.2 66.4
119 32.7 26.1 39.1





#58

4-Methyl-2-Pentanone

Concen: 7.095 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

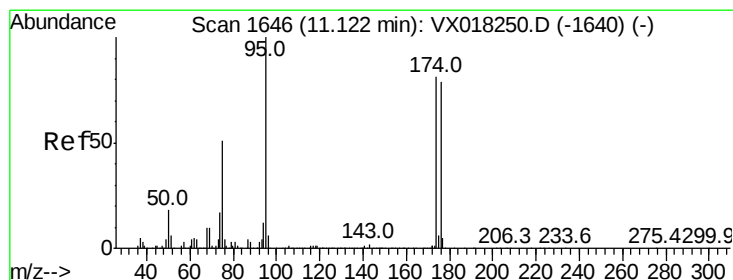
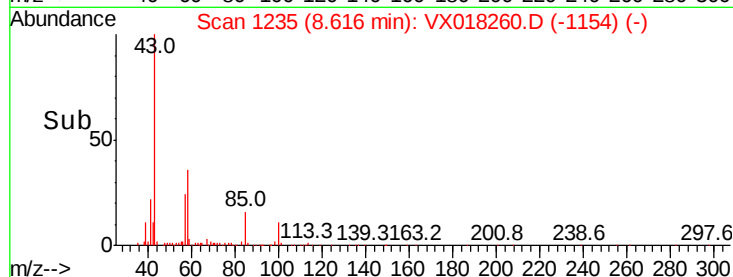
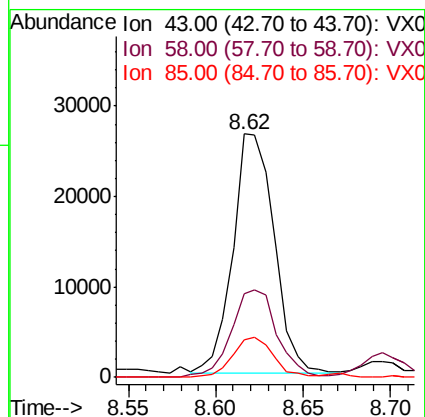
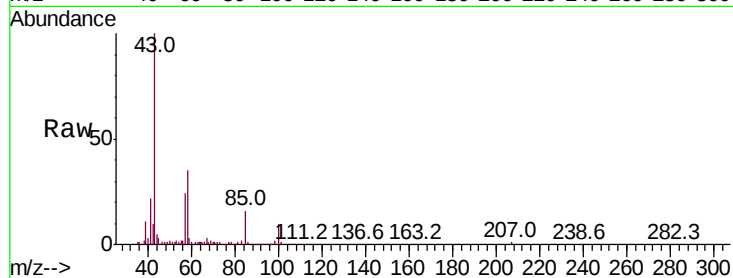
Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(SEP)

Tot Ion: 43 Resp: 43475

Ion	Ratio	Lower	Upper
43	100		
58	40.3	30.0	45.0
85	16.9	14.2	21.4



#60

4-Bromofluorobenzene

Concen: 28.226 ug/l

RT: 11.12 min Scan# 1646

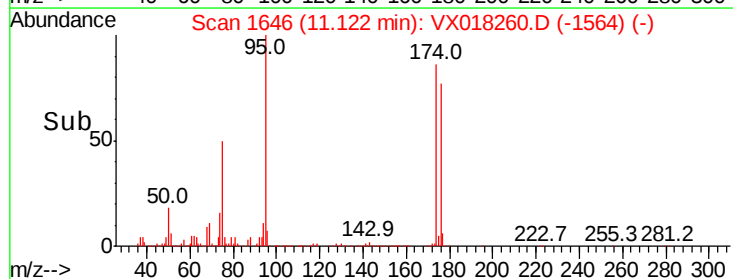
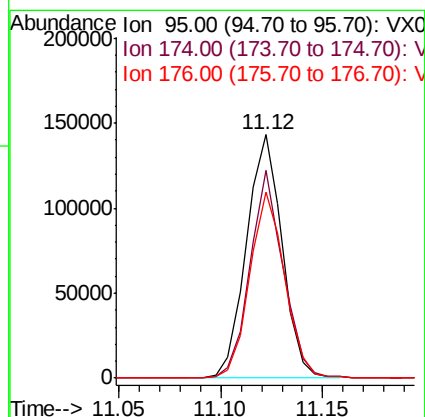
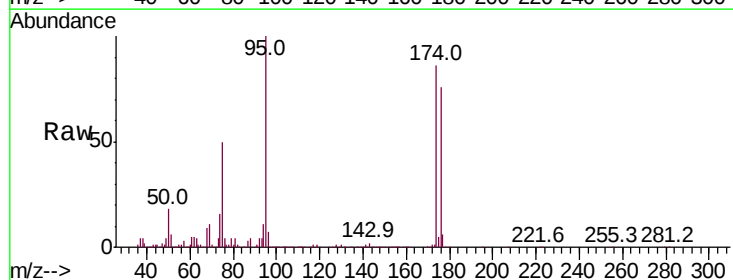
Delta R.T. 0.00 min

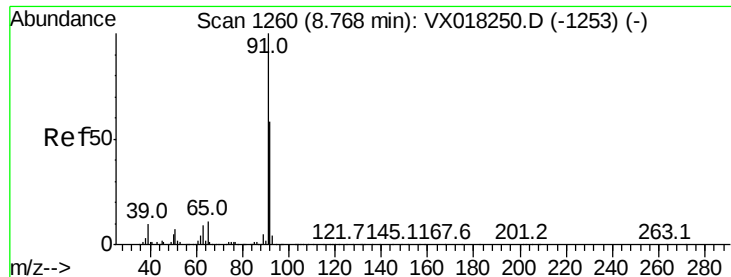
Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

Tgt Ion: 95 Resp: 174285

Ion	Ratio	Lower	Upper
95	100		
174	79.7	64.2	96.4
176	75.1	62.2	93.4





#62

Toluene

Concen: 3.824 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

Instrument :

MSVOA_X

ClientSampleId :

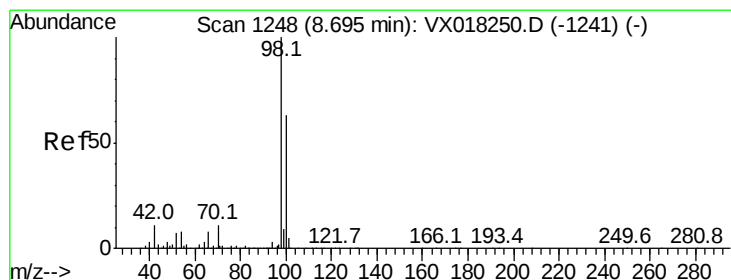
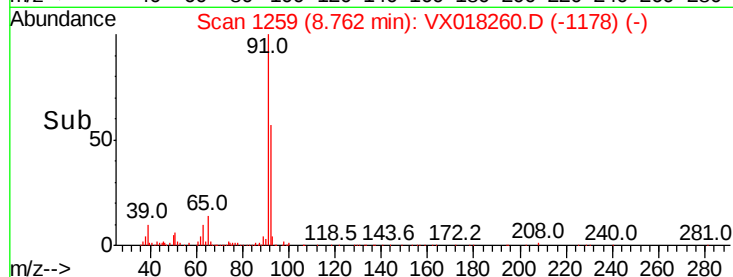
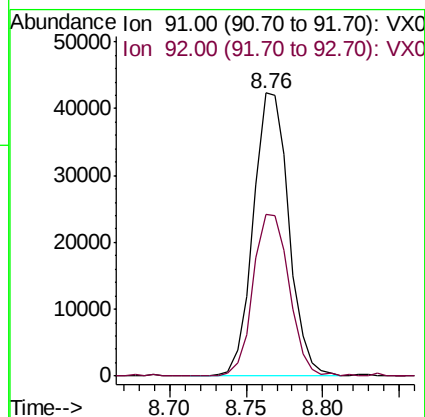
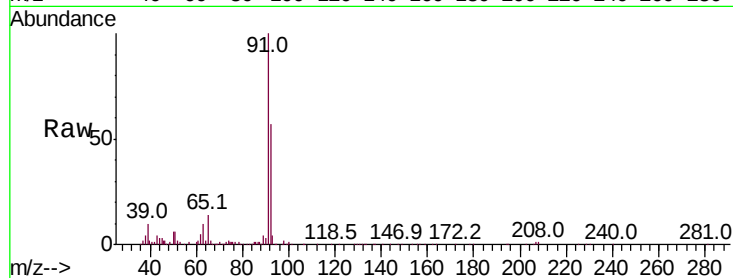
002-35TH-AVE-(SEP)

Tot Ion: 91 Resp: 68552

Ion Ratio Lower Upper

91 100

92 58.0 46.9 70.3



#63

Toluene-d8

Concen: 29.137 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018260.D

Acq: 04 Sep 2020 15:13

Tgt Ion: 98 Resp: 457509

Ion Ratio Lower Upper

98 100

100 64.0 51.4 77.0

