

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010920\
 Data File : VX014494.D
 Acq On : 09 Jan 2020 13:16
 Operator : JC/SP
 Sample : L1044-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 09 15:26:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	79047	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	434151	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	392593	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	165030	29.15	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.17%
60) 4-Bromofluorobenzene	11.13	95	184476	29.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.00%
63) Toluene-d8	8.71	98	524010	29.86	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.53%

Target Compounds

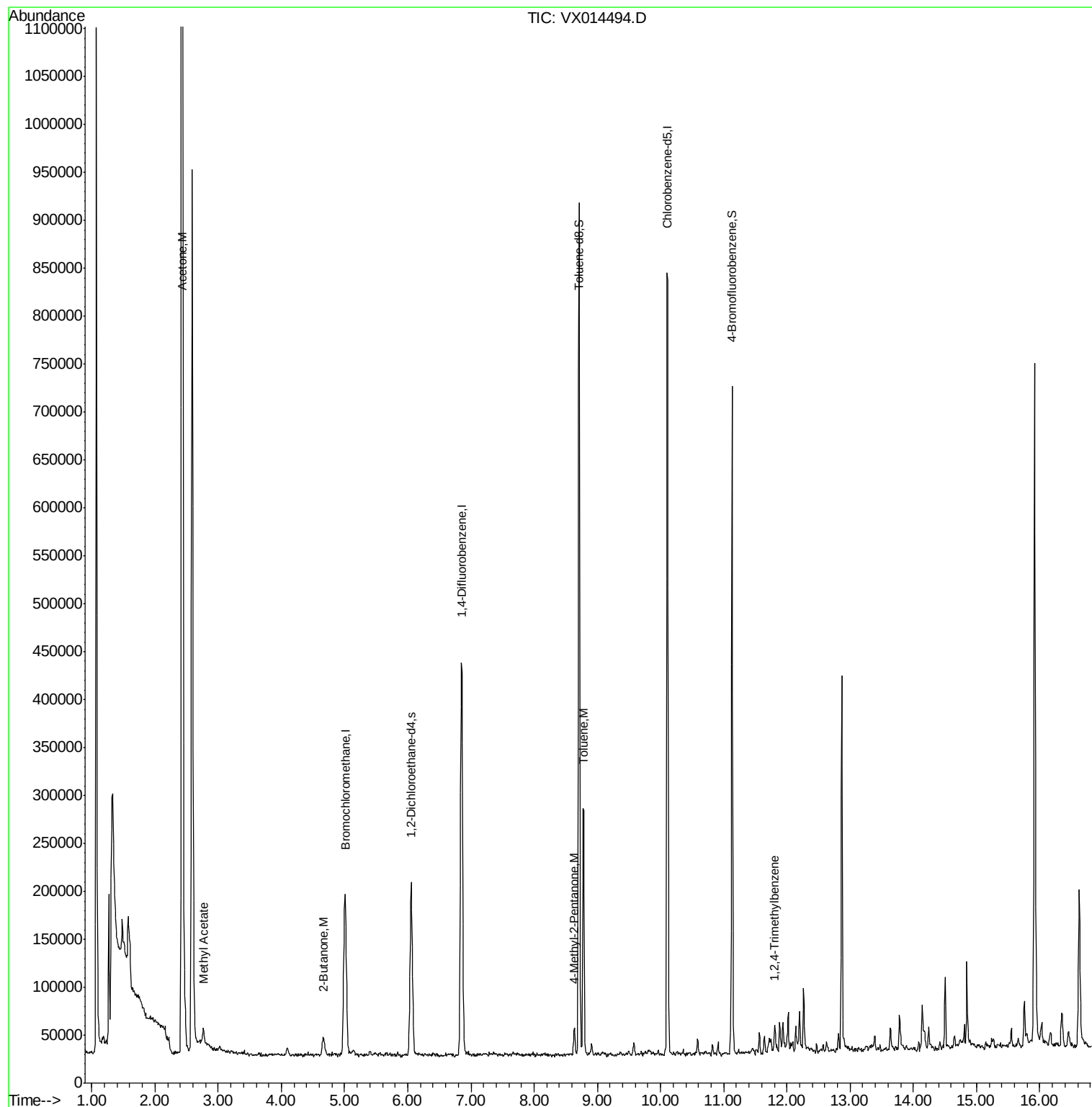
					Ovalue
12) Methyl Acetate	2.76	43	18459	2.694	ug/l 93
15) Acetone	2.43	58	1070865	1360.777	ug/l 92
30) 2-Butanone	4.66	43	35132	9.504	ug/l 93
58) 4-Methyl-2-Pentanone	8.64	43	20032	2.727	ug/l 95
62) Toluene	8.78	91	173478	8.308	ug/l 99
80) 1,2,4-Trimethylbenzene	11.81	105	7719	0.407	ug/l 53

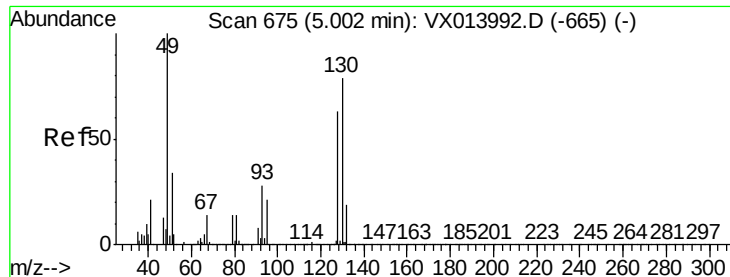
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Dec 13 01:35:34 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX014494.D

Acq: 09 Jan 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

002-35TH-AVE-(JAN)

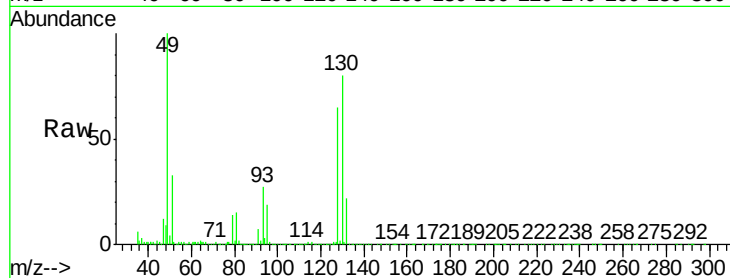
Tot Ion:128 Resp: 79047

Ion Ratio Lower Upper

128 100

49 154.4 0.0 405.0

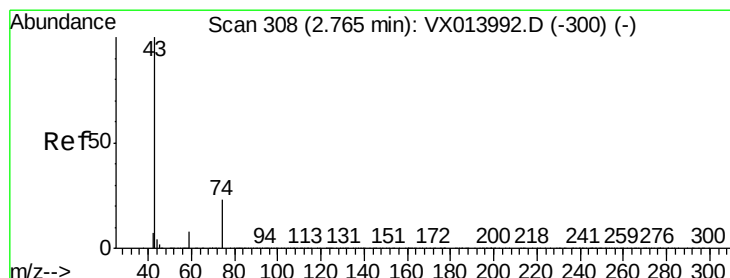
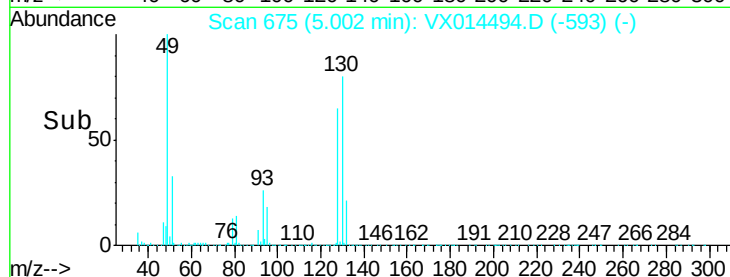
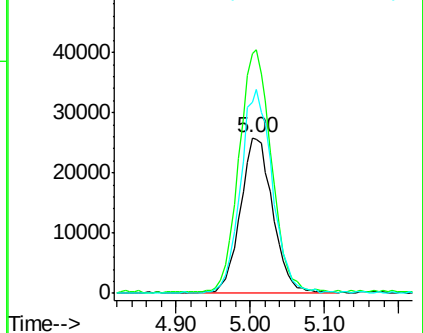
130 127.9 0.0 321.5



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 2.694 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX014494.D

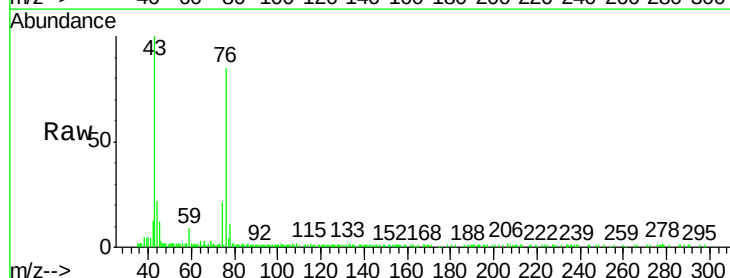
Acq: 09 Jan 2020 13:16

Tgt Ion: 43 Resp: 18459

Ion Ratio Lower Upper

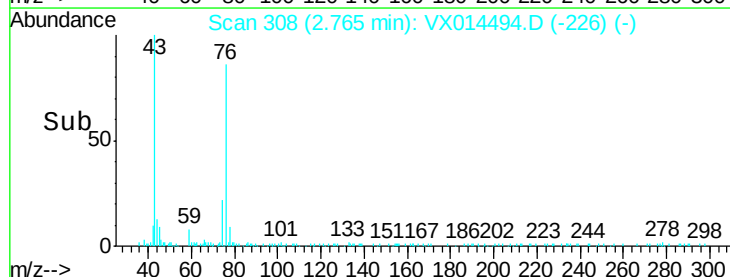
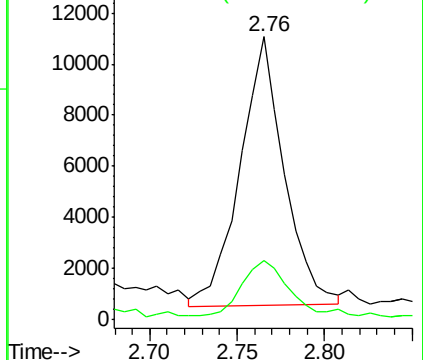
43 100

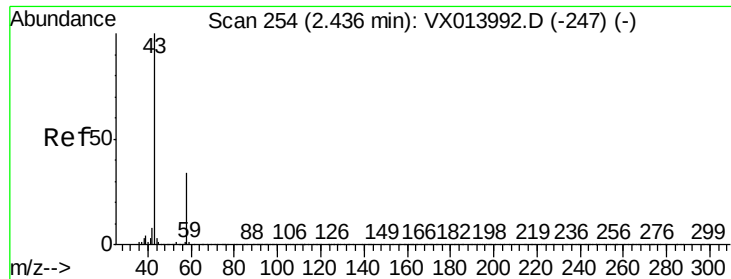
74 19.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

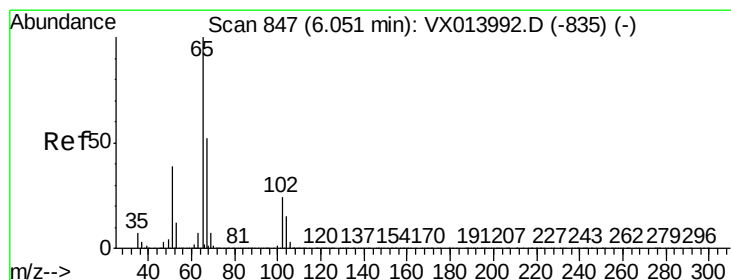
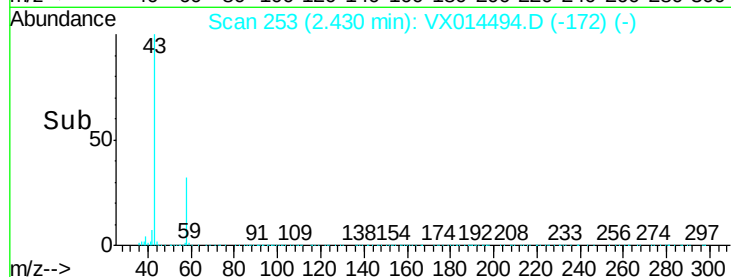
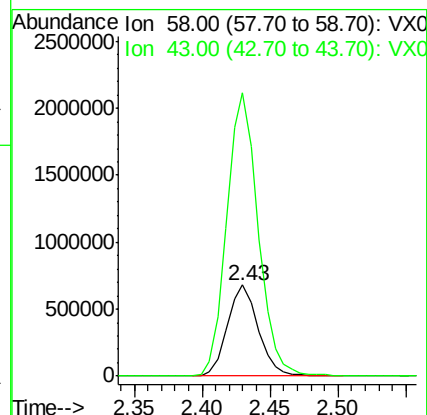
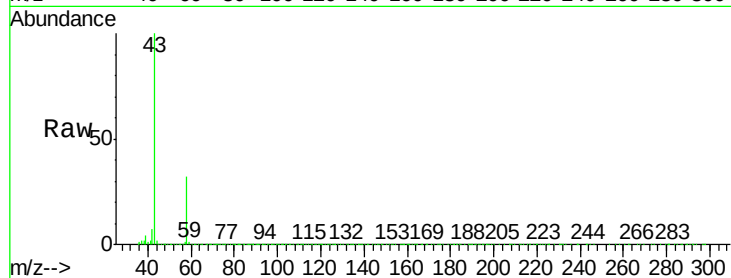




#15
Acetone
Concen: 1360.777 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

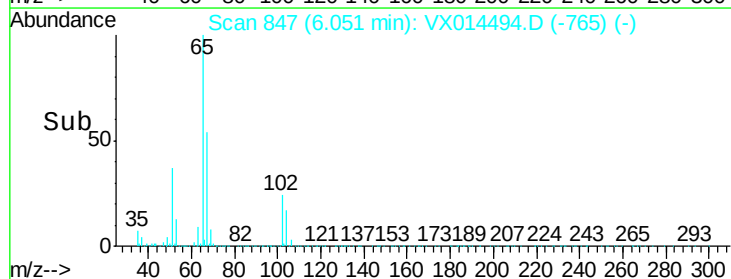
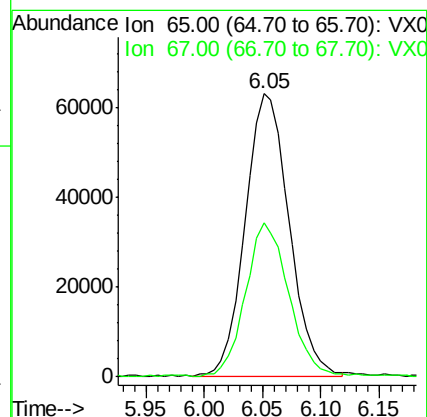
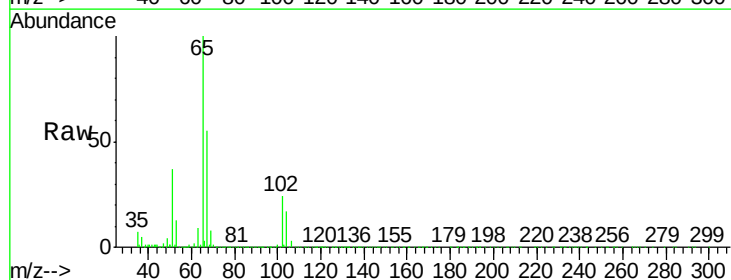
Instrument :
MSVOA_X
ClientSampleId :
002-35TH-AVE-(JAN)

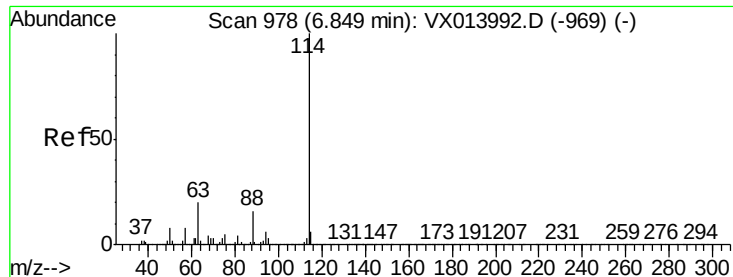
Tot Ion: 58 Resp: 1070865
Ion Ratio Lower Upper
58 100
43 311.2 236.3 354.5



#27
1,2-Dichloroethane-d4
Concen: 29.151 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

Tgt Ion: 65 Resp: 165030
Ion Ratio Lower Upper
65 100
67 53.6 43.1 64.7

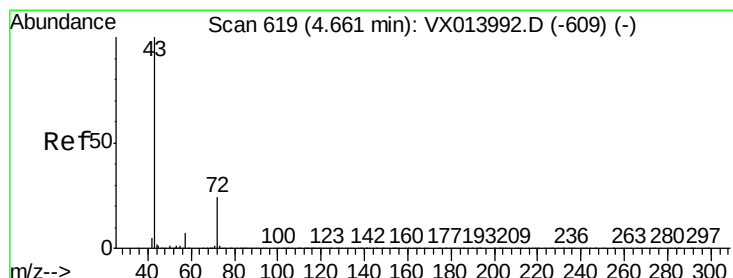
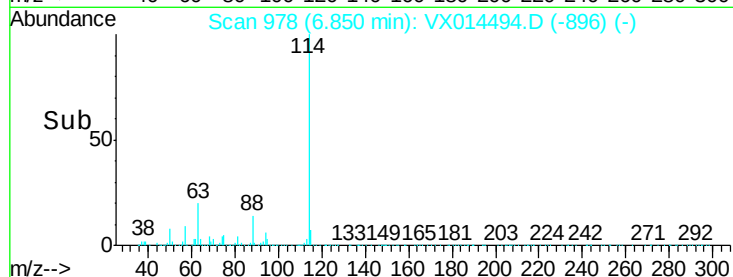
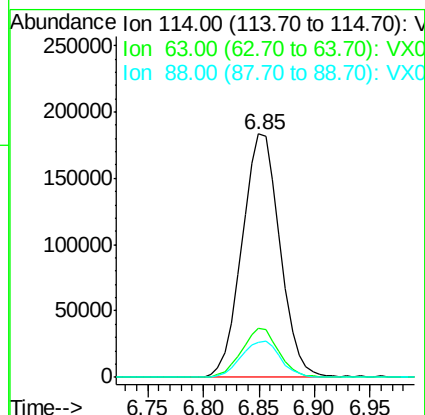
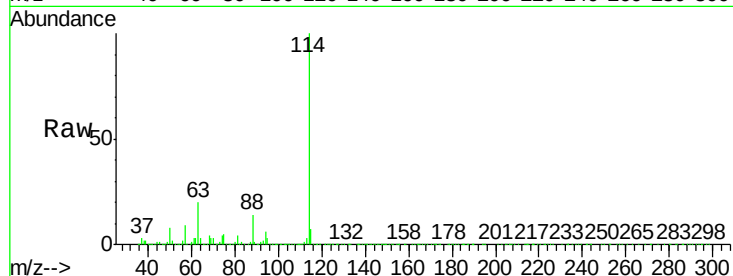




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014494.D
 Acq: 09 Jan 2020 13:16

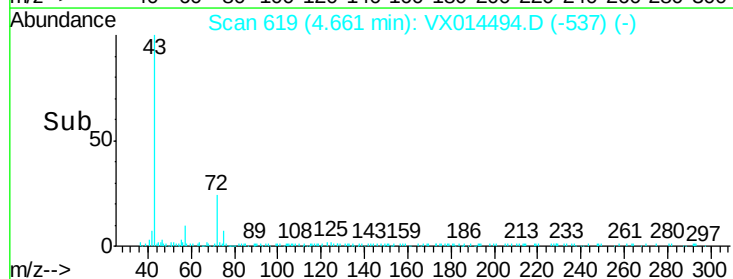
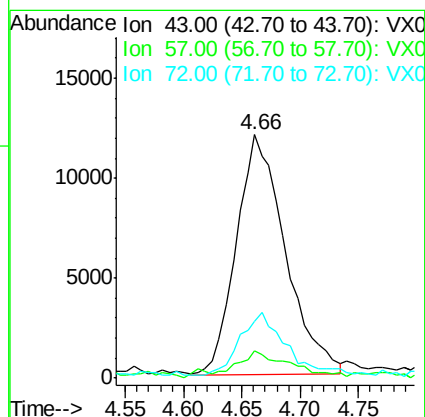
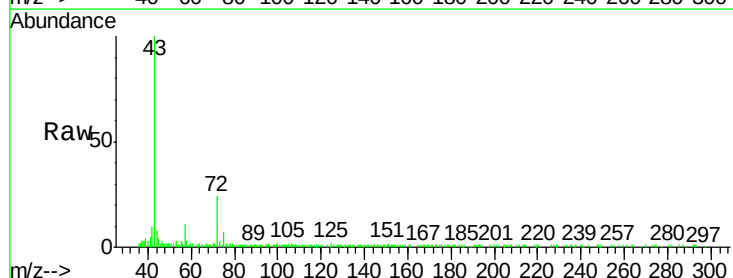
Instrument :
 MSVOA_X
 ClientSampleId :
 002-35TH-AVE-(JAN)

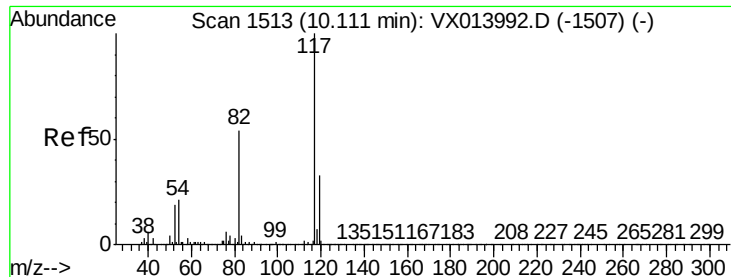
Tot Ion:	114	Resp:	434151
Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.1	24.1
88	15.3	12.5	18.7



#30
 2-Butanone
 Concen: 9.504 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX014494.D
 Acq: 09 Jan 2020 13:16

Tgt Ion:	43	Resp:	35132
Ion	Ratio	Lower	Upper
43	100		
57	8.5	6.2	9.2
72	21.3	20.3	30.5

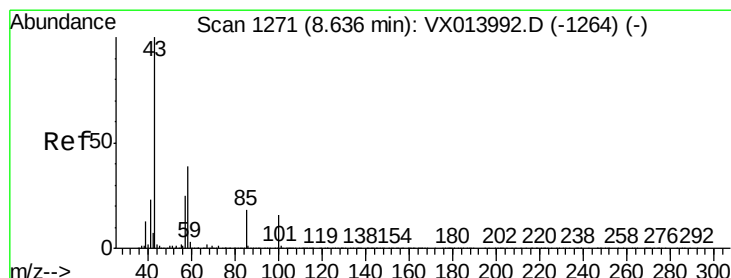
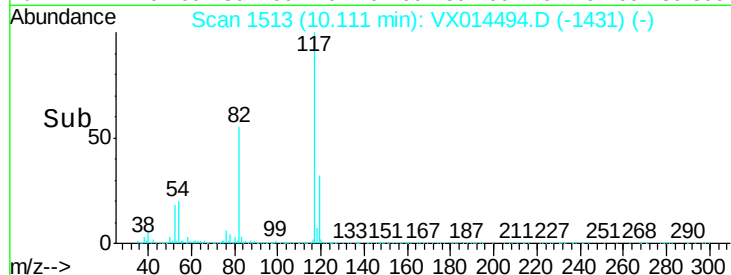
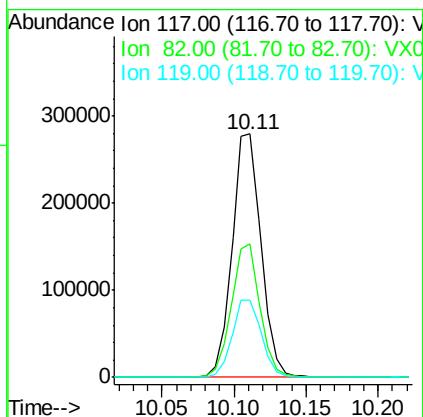
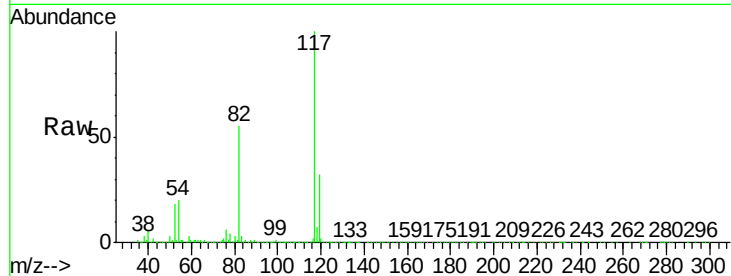




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

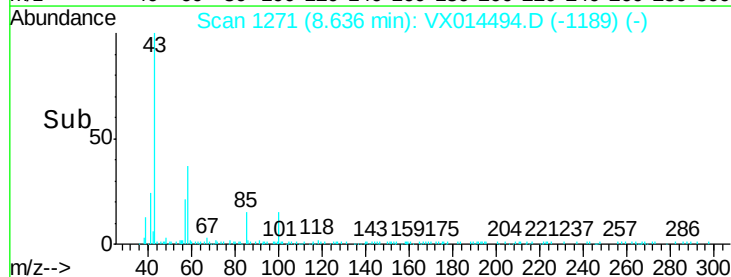
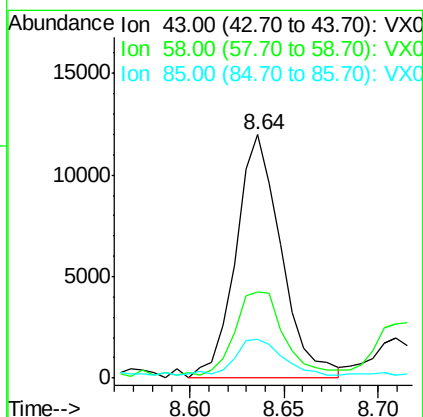
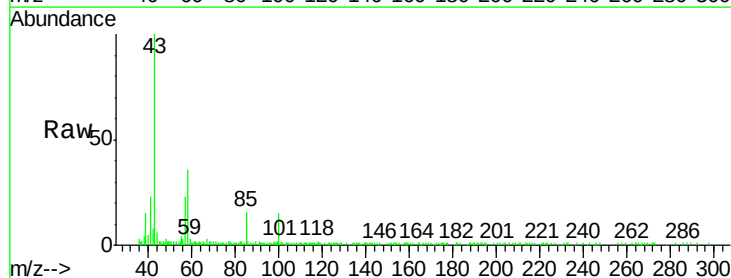
Instrument :
MSVOA_X
ClientSampleId :
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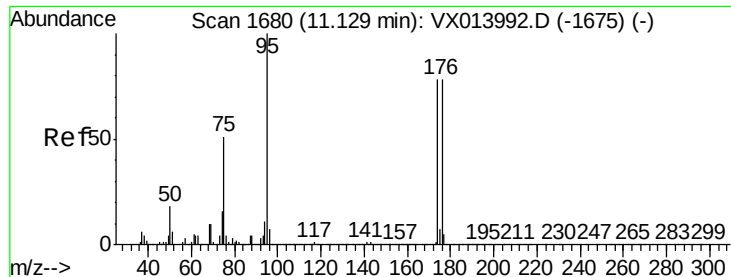
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	32.2	25.8	38.6



#58
4-Methyl-2-Pentanone
Concen: 2.727 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.8	31.2	46.8
85	15.3	14.2	21.2

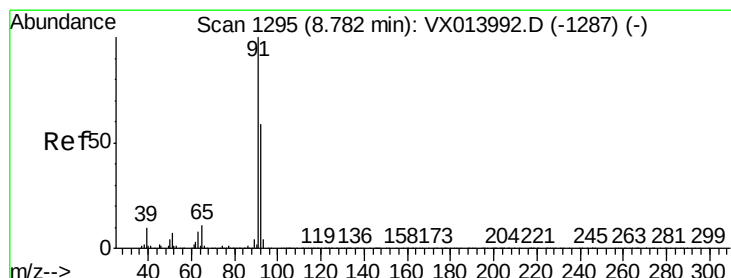
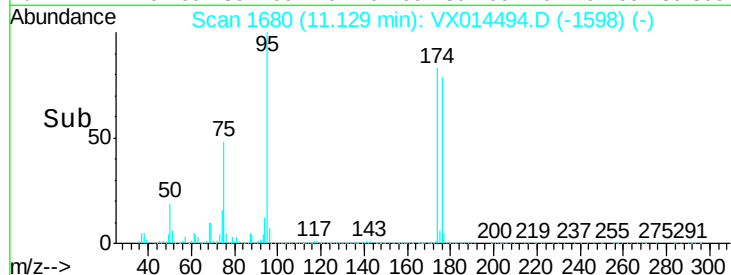
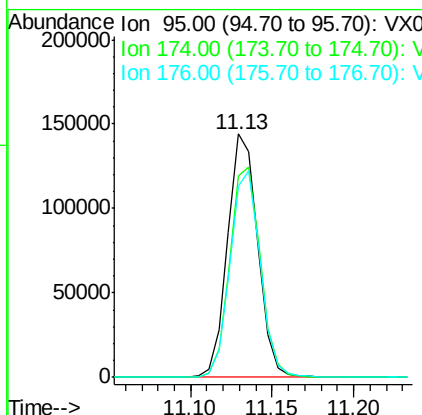
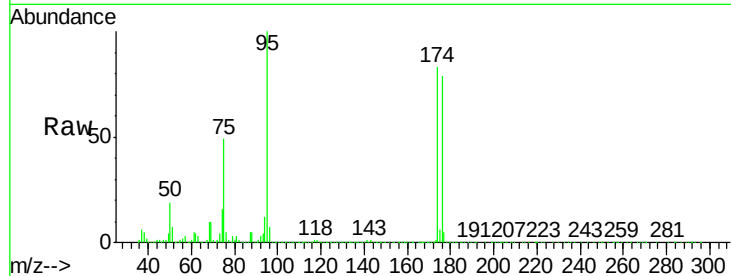




#60
4-Bromofluorobenzene
Concen: 29.099 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

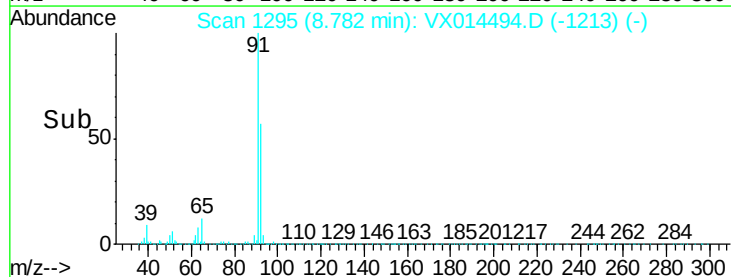
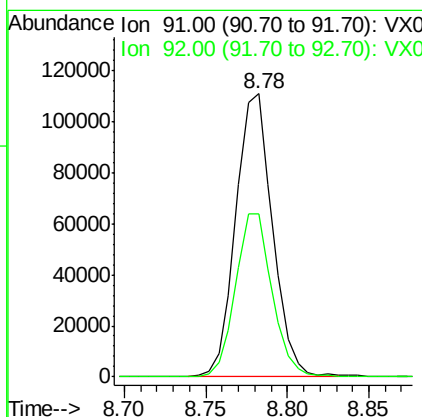
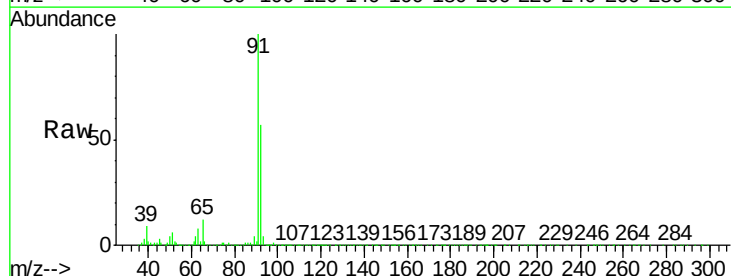
Instrument :
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ClientSampleId :
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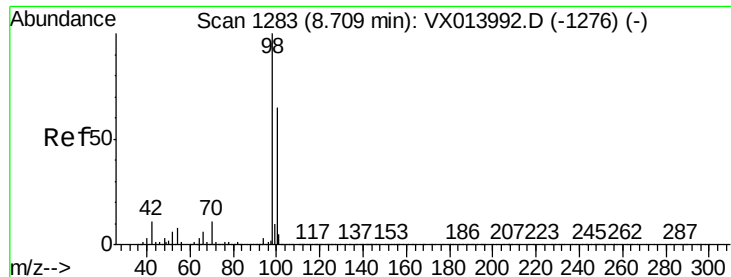
Tot Ion	95	Resp	184476
Ion Ratio	Lower	Upper	
95	100		
174	88.4	70.2	105.2
176	84.8	68.3	102.5



#62
Toluene
Concen: 8.308 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014494.D
Acq: 09 Jan 2020 13:16

Tgt Ion	91	Resp	173478
Ion Ratio	Lower	Upper	
91	100		
92	57.3	46.4	69.6





#63

Toluene-d8

Concen: 29.861 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014494.D

Acq: 09 Jan 2020 13:16

Instrument :

MSVOA_X

ClientSampleId :

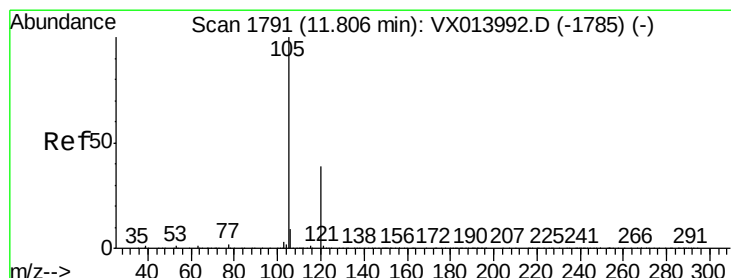
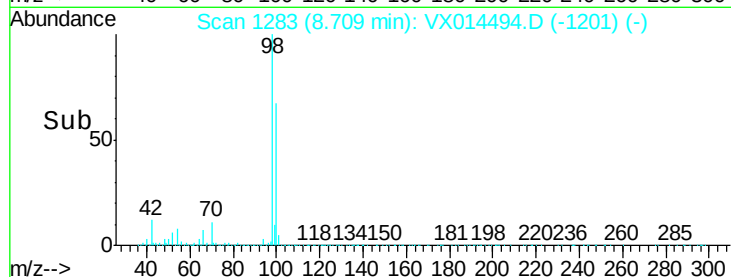
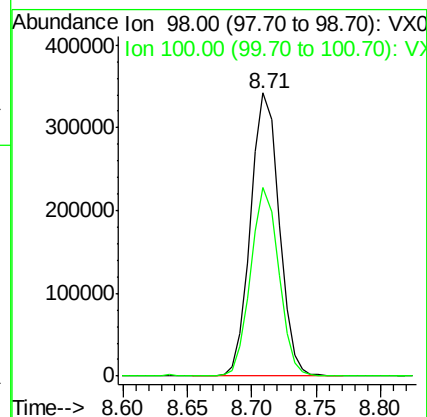
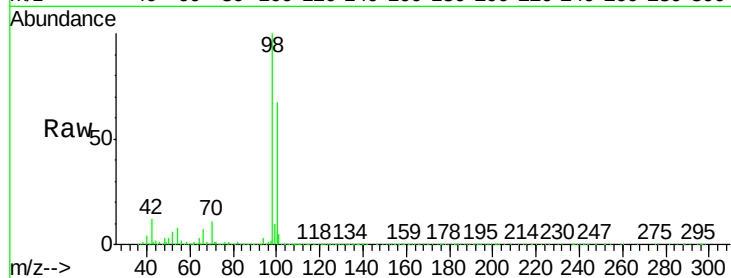
002-35TH-AVE-(JAN)

Tot Ion: 98 Resp: 524010

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.2



#80

1,2,4-Trimethylbenzene

Concen: 0.407 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX014494.D

Acq: 09 Jan 2020 13:16

Tgt Ion:105 Resp: 7719

Ion Ratio Lower Upper

105 100

120 14.9 0.0 92.0

