

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034485.D
 Acq On : 10 Dec 2019 4:46
 Operator : SY/AP
 Sample : K6181-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-3DL

Manual Integrations
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Quant Time: Dec 10 07:32:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 19 14:15:35 2019
 QLast Update : Tue Nov 19 14:15:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	926834	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1817166	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1824906	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1585740	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.98	41	22361m	0.436	ppbv	
13) Ethanol	3.60	45	60616	4.238	ppbv	97
15) Acetone	3.85	43	168643	1.271	ppbv #	85
19) Isopropyl Alcohol	3.98	45	20934m	0.246	ppbv	
20) Methylene Chloride	4.34	84	22899m	0.487	ppbv	
26) Hexane	5.70	57	22927m	0.225	ppbv	
36) Benzene	6.91	78	39140	0.215	ppbv	98
53) Toluene	9.84	91	83828	0.406	ppbv	100
59) m/p-Xylene	13.02	91	63662m	0.260	ppbv	

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

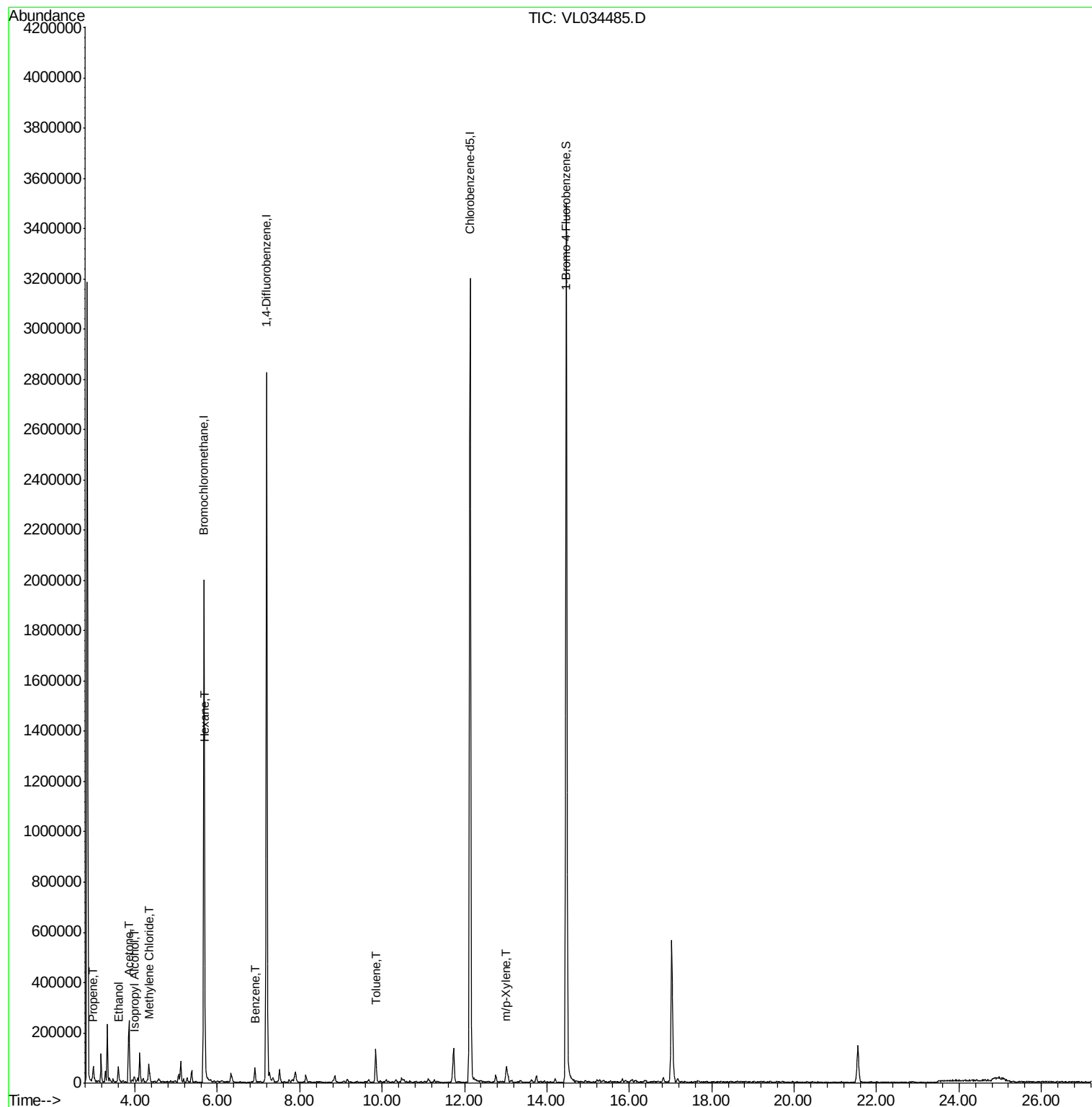
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Data File : VL034485.D
Acq On : 10 Dec 2019 4:46
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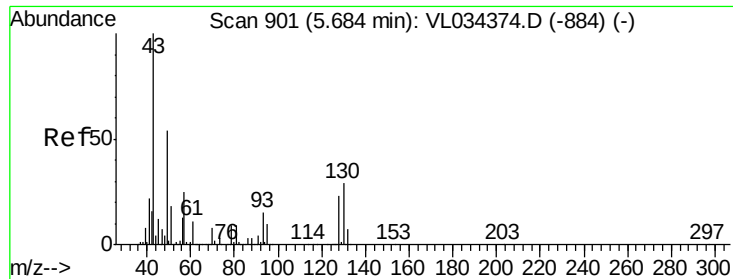
Instrument :
MSVOA_L
ClientSampleId :
1A-3DL

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Quant Time: Dec 10 07:32:28 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL111919AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 19 14:15:35 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.01 min

Lab File: VL034485.D

Acq: 10 Dec 2019 4:46

Instrument :

MSVOA_L

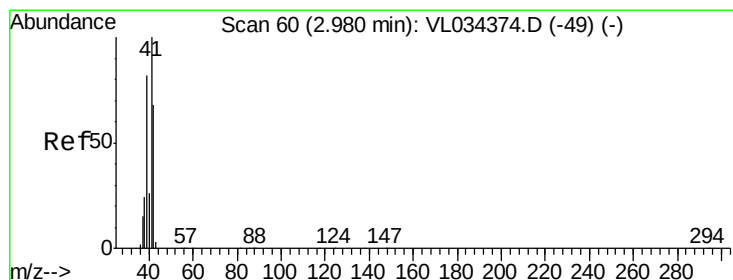
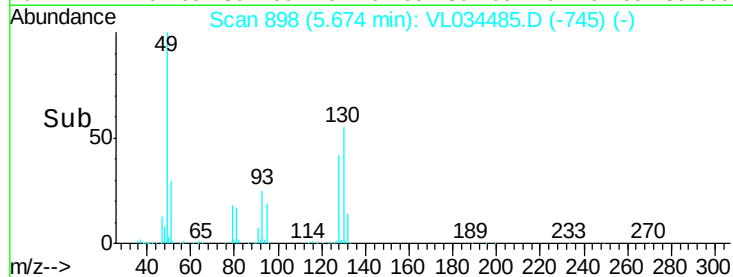
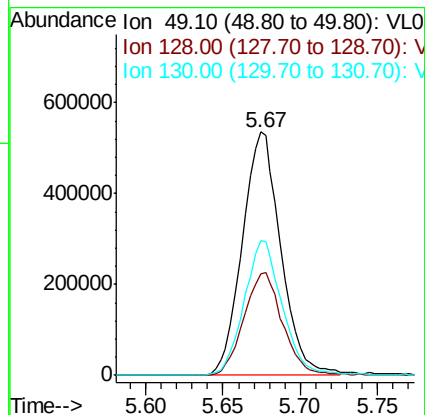
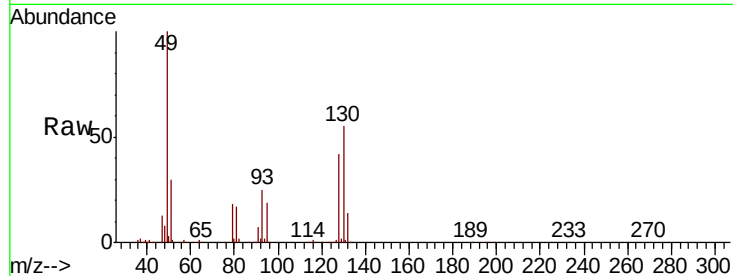
ClientSampled :

1A-3DL

Tot Ion:	49	Resp:	926834
Ion	Ratio	Lower	Upper
49	100		
128	42.9	21.8	65.3
130	55.0	28.0	84.0

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#9

Propene

Concen: 0.436 ppbv m

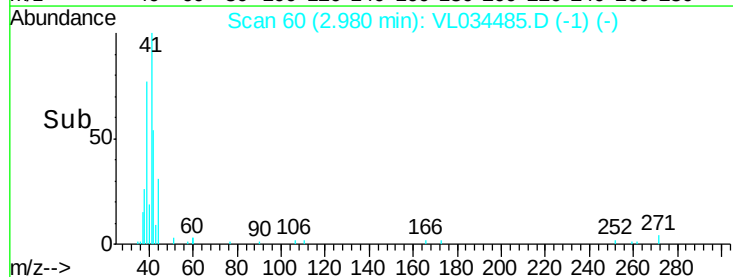
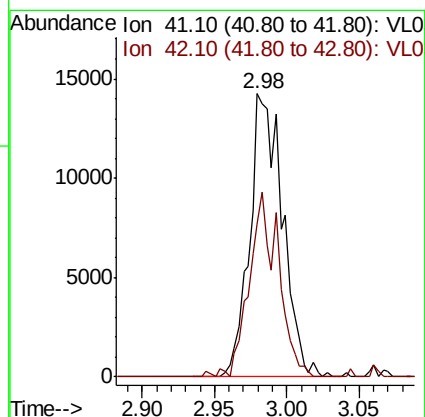
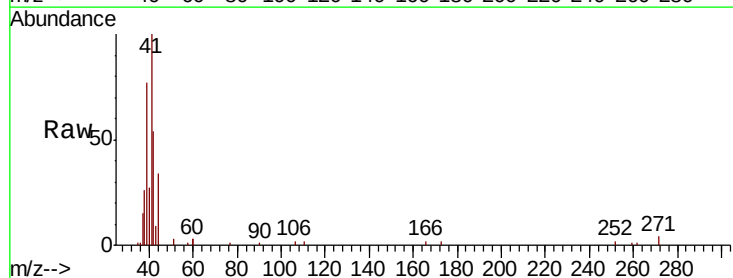
RT: 2.98 min Scan# 60

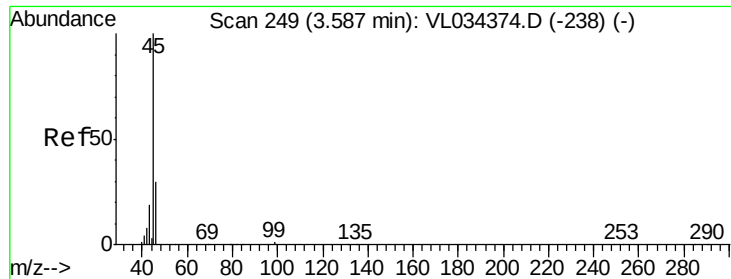
Delta R.T. 0.00 min

Lab File: VL034485.D

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Tgt Ion:	41	Resp:	22361
Ion	Ratio	Lower	Upper
41	100		
42	80.1	54.6	82.0





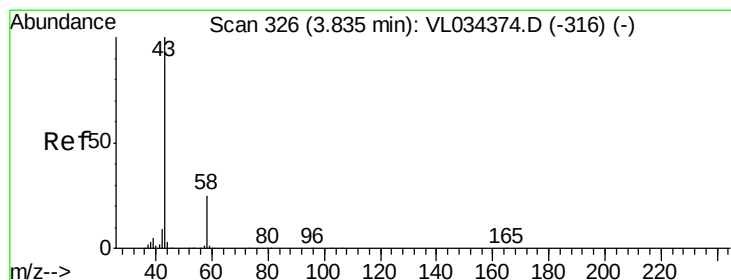
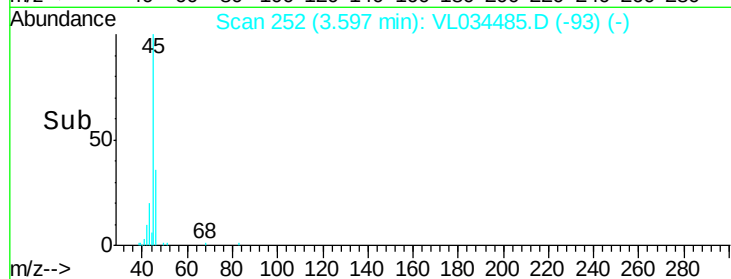
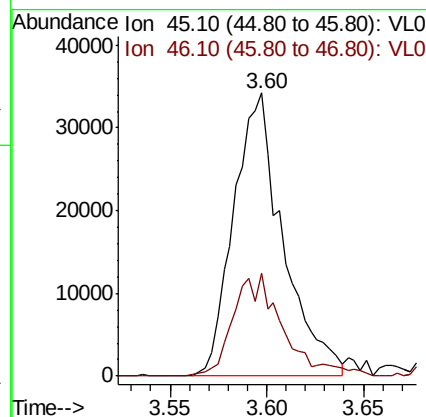
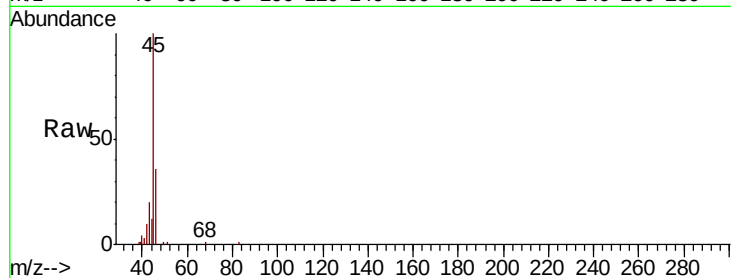
#13
Ethanol
Concen: 4.238 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Instrument :
MSVOA_L
ClientSampled :
1A-3DL

Tot Ion	Ratio	Lower	Upper
45	100		
46	36.3	13.8	55.4

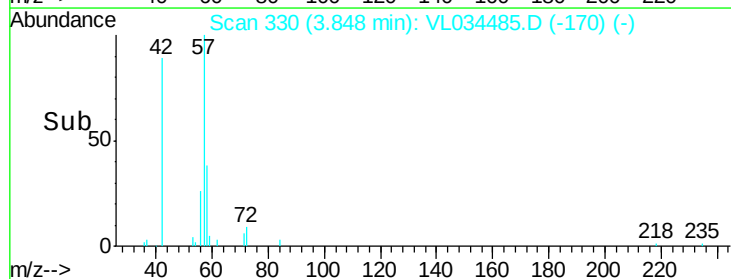
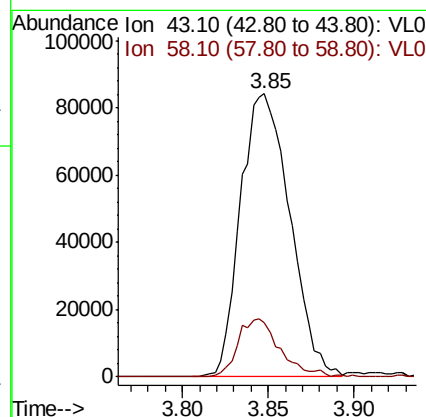
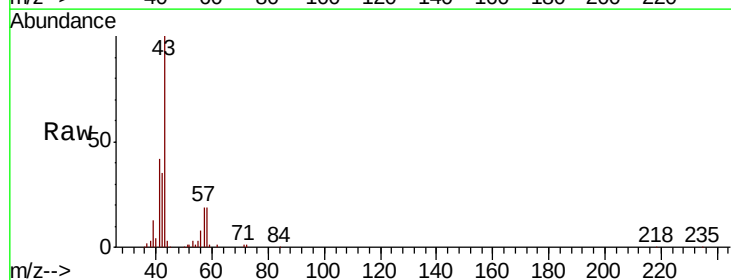
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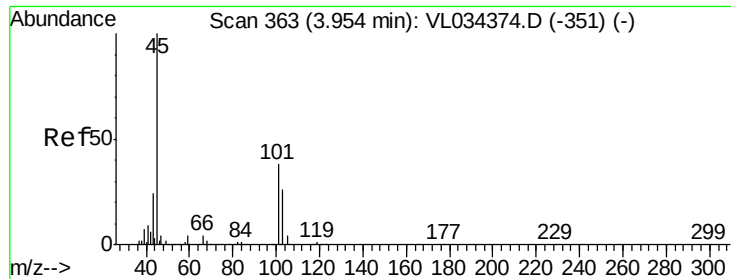
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#15
Acetone
Concen: 1.271 ppbv
RT: 3.85 min Scan# 330
Delta R.T. 0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	17.6	20.2	30.4#





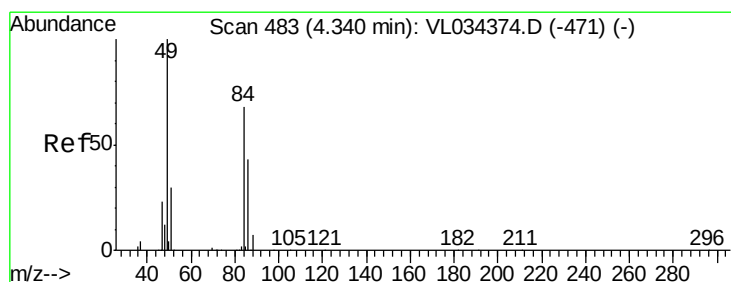
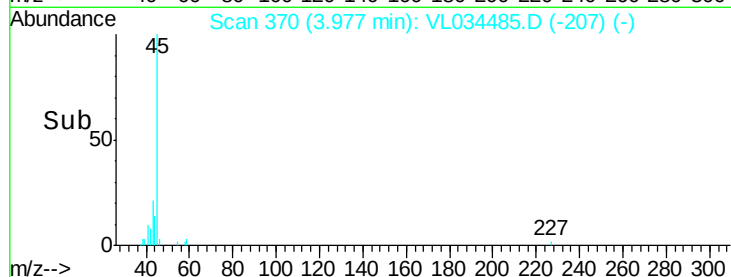
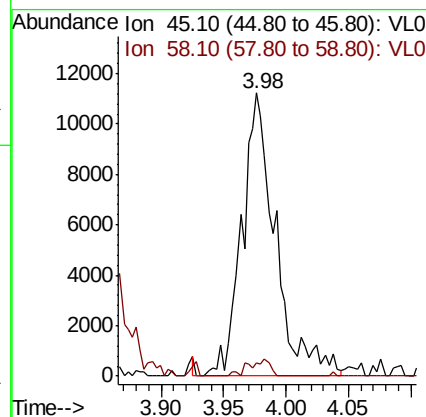
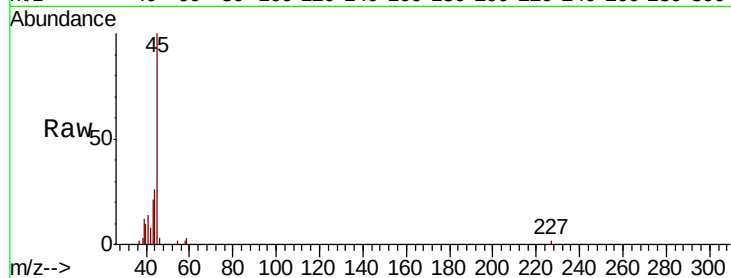
#19
Isopropyl Alcohol
Concen: 0.246 ppbv m
RT: 3.98 min Scan# 370
Delta R.T. 0.02 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Instrument :
MSVOA_L
ClientSampled :
1A-3DL

Tot Ion: 45 Resp: 20934
Ion Ratio Lower Upper
45 100
58 141.7 1.3 1.9#

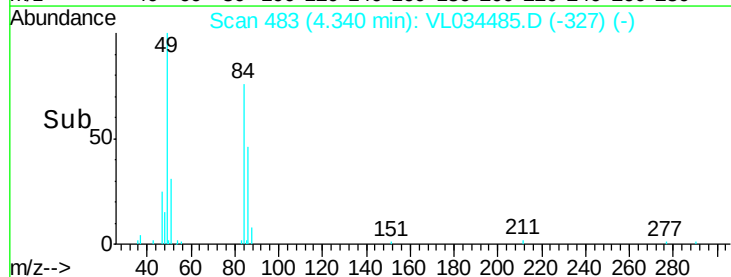
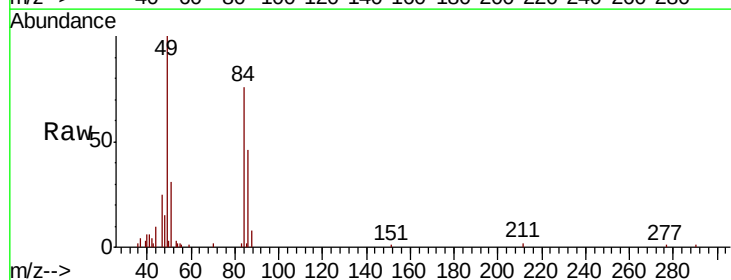
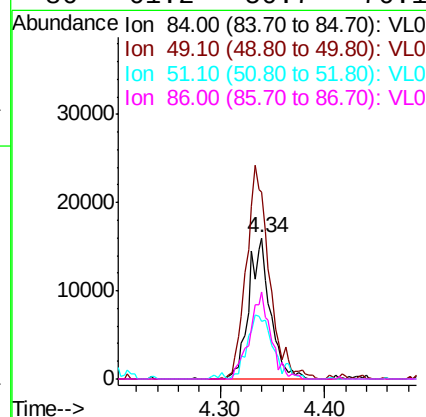
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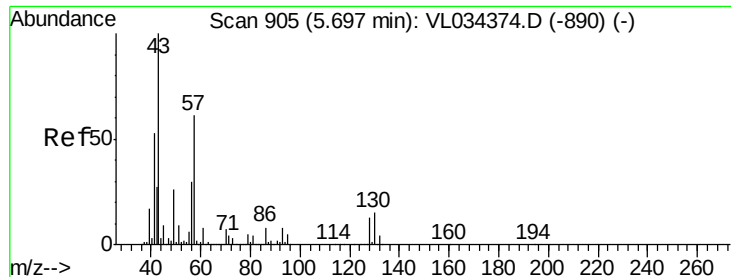
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#20
Methylene Chloride
Concen: 0.487 ppbv m
RT: 4.34 min Scan# 483
Delta R.T. 0.00 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Tgt Ion: 84 Resp: 22899
Ion Ratio Lower Upper
84 100
49 132.0 116.8 175.2
51 41.2 35.6 53.4
86 61.2 50.7 76.1





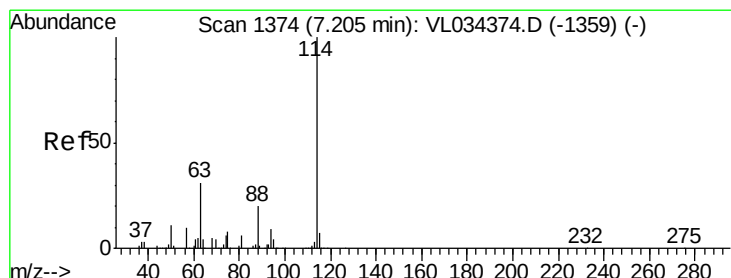
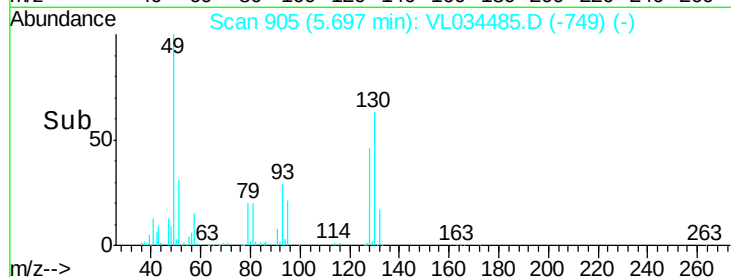
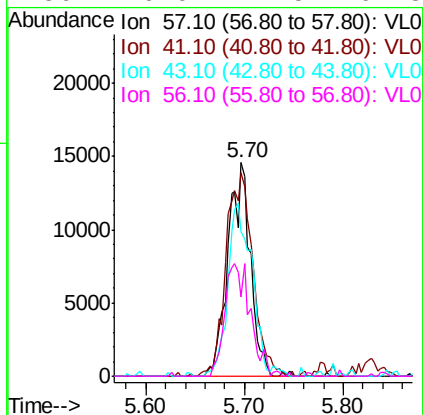
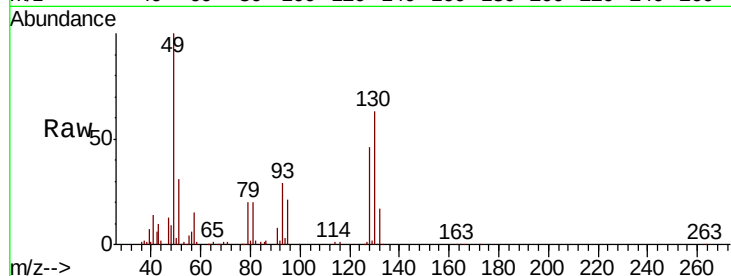
#26
Hexane
Concen: 0.225 ppbv m
RT: 5.70 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Instrument :
MSVOA_L
ClientSampled :
1A-3DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.0	112.4#
43	0.0	186.6	279.8#
56	0.0	41.5	62.3#

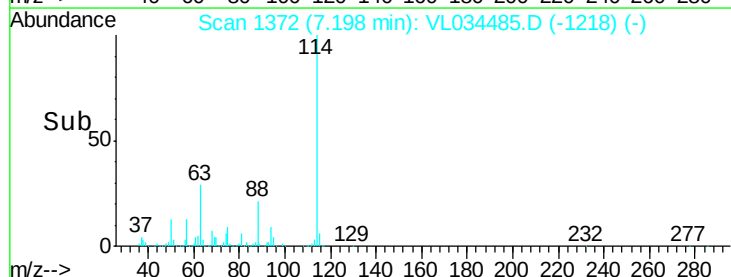
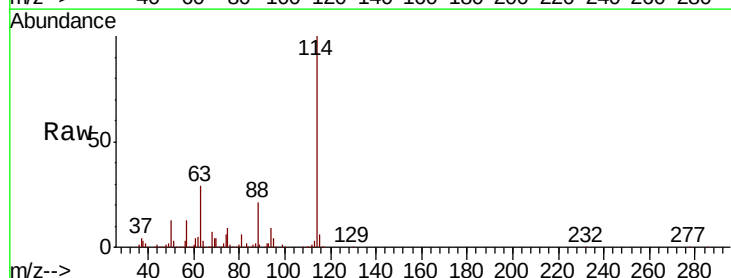
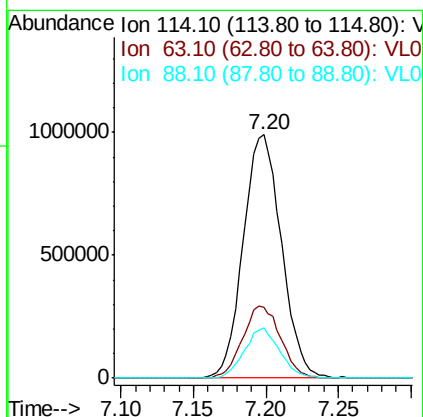
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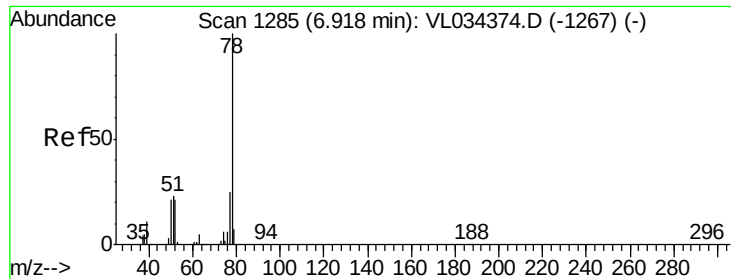
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.20 min Scan# 1372
Delta R.T. -0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.2	36.4
88	19.4	15.9	23.9





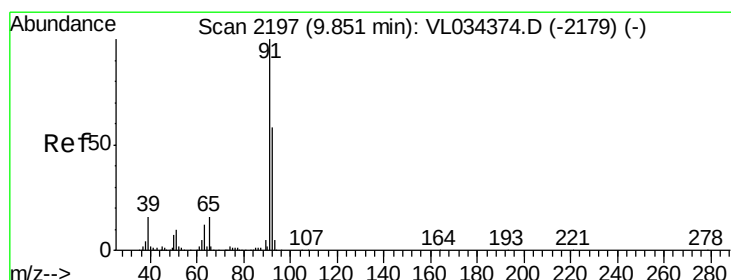
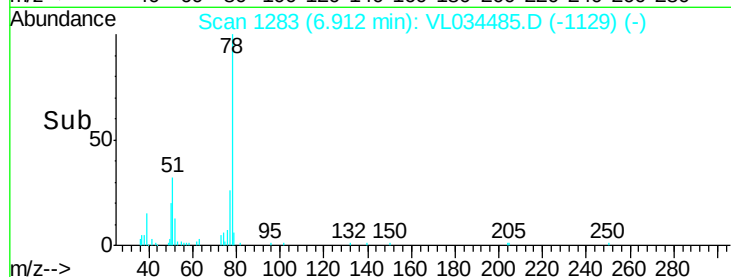
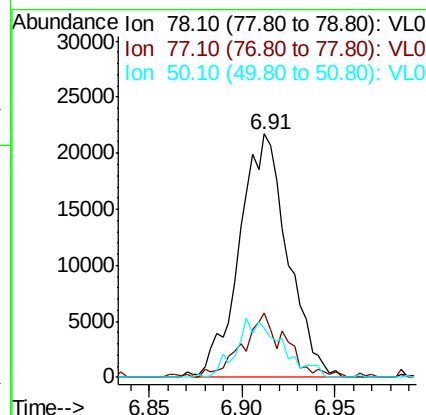
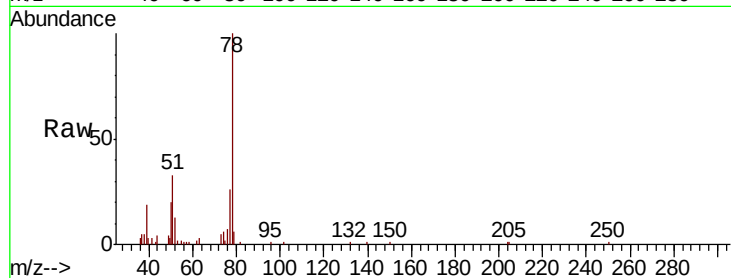
#36
Benzene
Concen: 0.215 ppbv
RT: 6.91 min Scan# 1283
Delta R.T. -0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Instrument :
MSVOA_L
ClientSampleId :
1A-3DL

Tot Ion	Ratio	Lower	Upper
78	100		
77	26.2	20.2	30.4
50	19.9	17.1	25.7

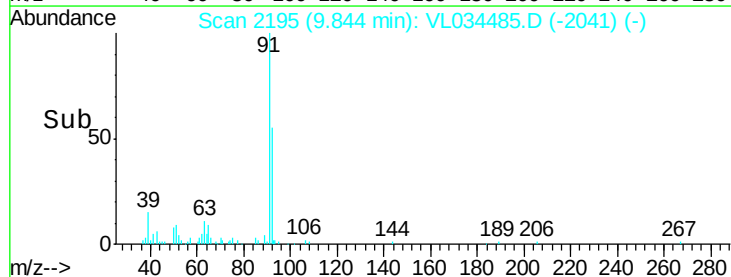
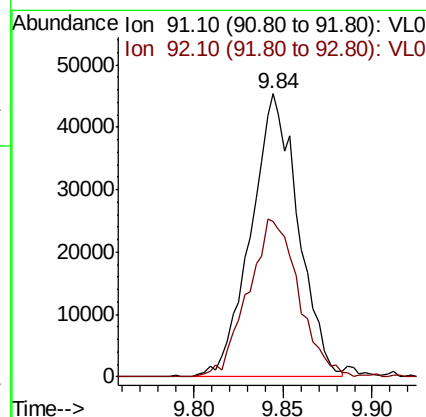
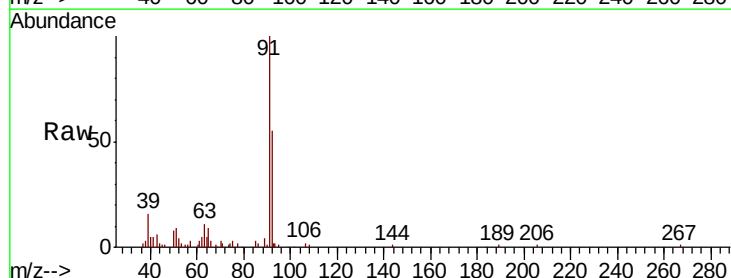
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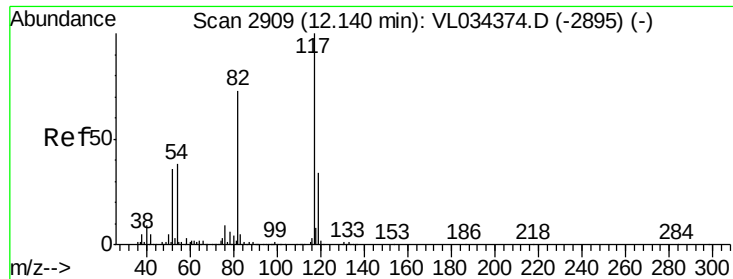
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#53
Toluene
Concen: 0.406 ppbv
RT: 9.84 min Scan# 2195
Delta R.T. -0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Tgt Ion	Ratio	Lower	Upper
91	100		
92	60.3	47.9	71.9





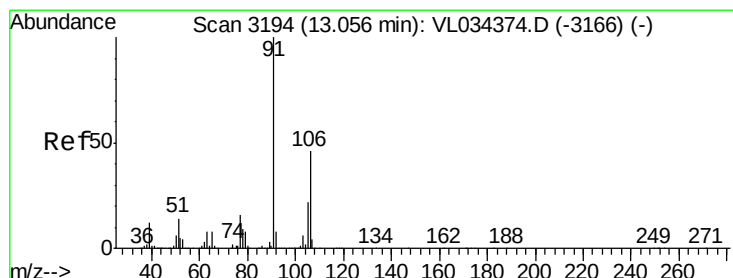
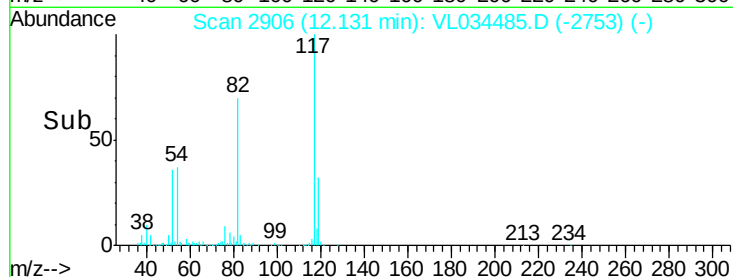
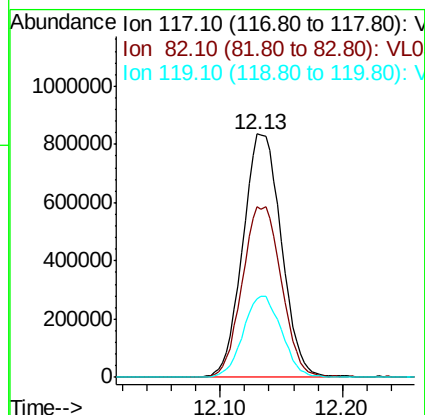
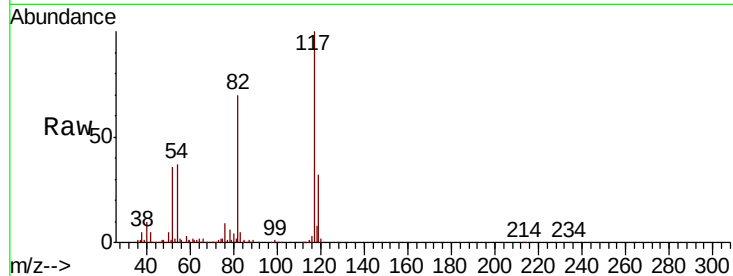
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2906
Delta R.T. -0.01 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Instrument :
MSVOA_L
ClientSampled :
1A-3DL

Tot Ion:117 Resp: 1824906
Ion Ratio Lower Upper
117 100
82 71.5 57.5 86.3
119 33.3 25.4 38.2

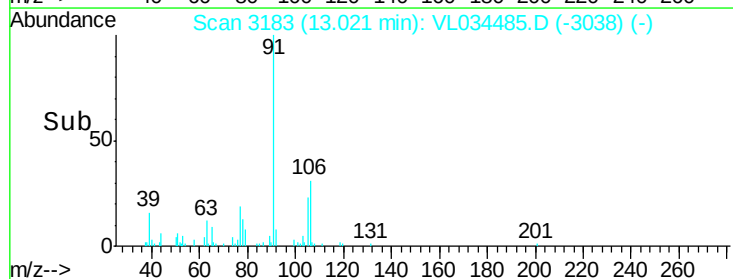
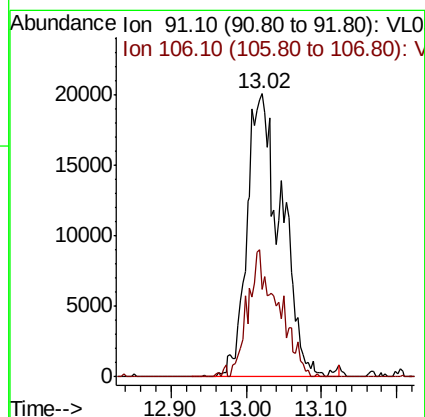
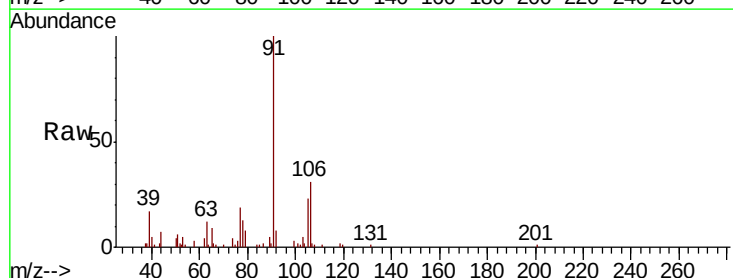
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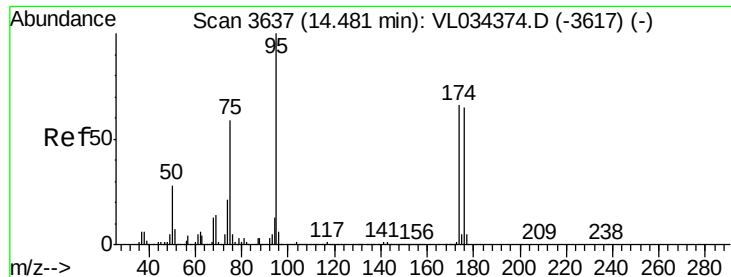
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#59
m/p-Xylene
Concen: 0.260 ppbv m
RT: 13.02 min Scan# 3183
Delta R.T. -0.04 min
Lab File: VL034485.D
Acq: 10 Dec 2019 4:46

Tgt Ion: 91 Resp: 63662
Ion Ratio Lower Upper
91 100
106 0.0 34.6 51.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.329 ppbv
 RT: 14.47 min Scan# 3634
 Delta R.T. -0.01 min
 Lab File: VL034485.D
 Acq: 10 Dec 2019 4:46

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-3DL

Tot Ion	Ratio	Lower	Upper
95	100		
174	64.4	52.2	78.2
175	4.6	3.8	5.8

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