

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120919\
 Data File : VL034487.D
 Acq On : 10 Dec 2019 6:06
 Operator : SY/AP
 Sample : K6181-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1A-4DL

Manual Integrations
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Quant Time: Dec 10 07:38:18 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	913070	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1769716	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1776614	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1522796	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	46677	0.410	ppbv	100
9) Propene	2.99	41	8766	0.173	ppbv	90
13) Ethanol	3.59	45	44214m	3.138	ppbv	
15) Acetone	3.84	43	100127	0.766	ppbv	94
19) Isopropyl Alcohol	3.98	45	12449m	0.149	ppbv	
20) Methylene Chloride	4.34	84	19210	0.414	ppbv	94
26) Hexane	5.69	57	14616m	0.146	ppbv	
53) Toluene	9.84	91	54182	0.270	ppbv	95

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

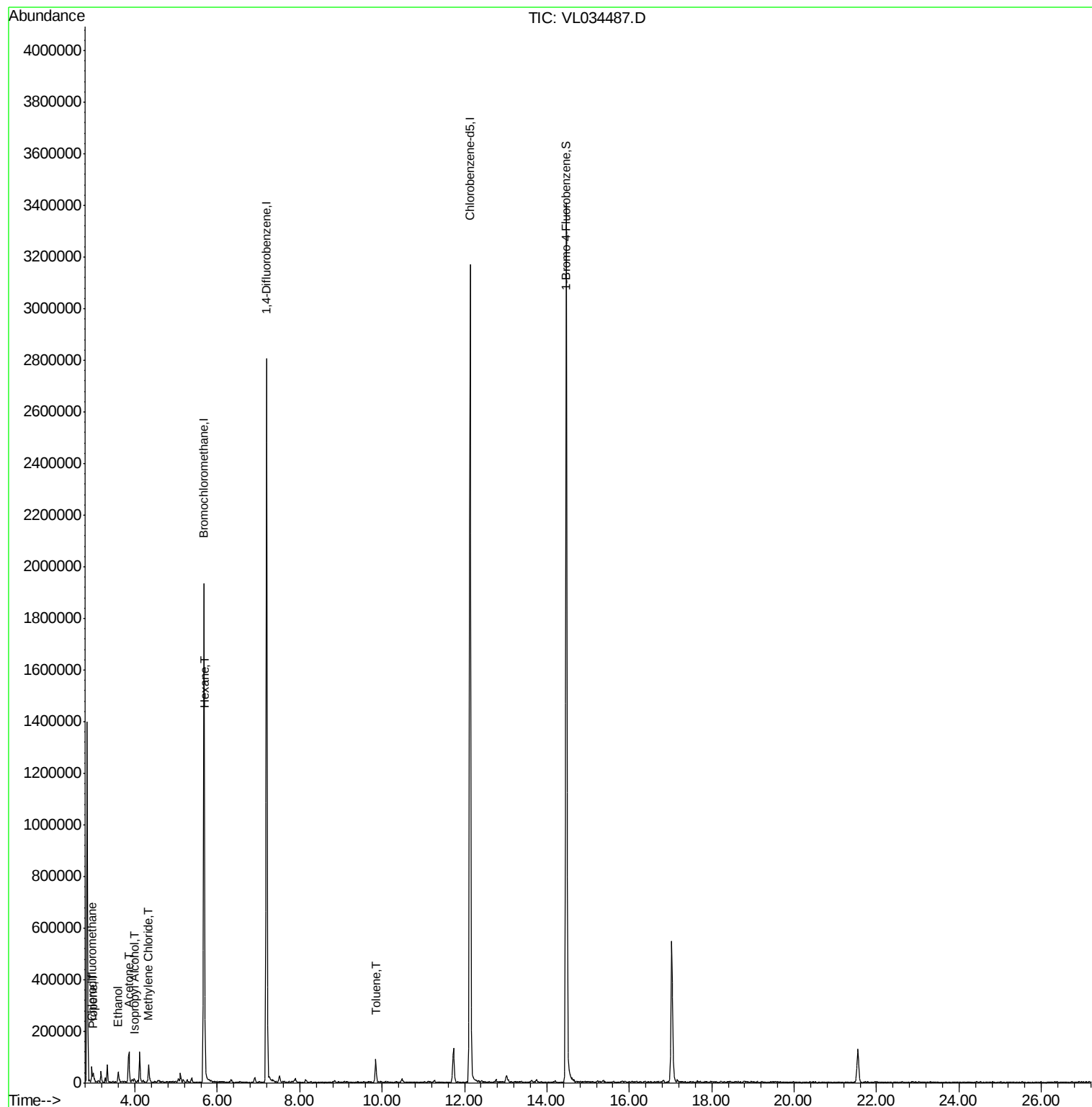
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120919\
Data File : VL034487.D
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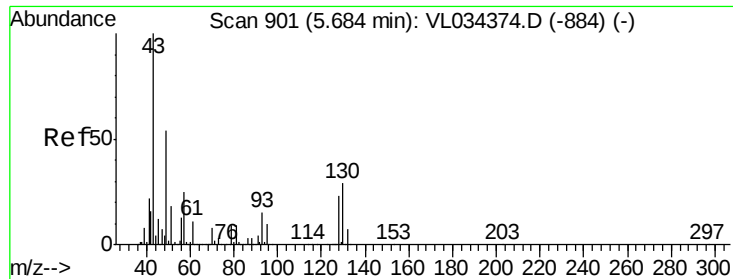
Instrument :
MSVOA_L
ClientSampleId :
1A-4DL

Manual Integrations
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Quant Time: Dec 10 07:38:18 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: VL034487.D

Acq: 10 Dec 2019 6:06

Instrument :

MSVOA_L

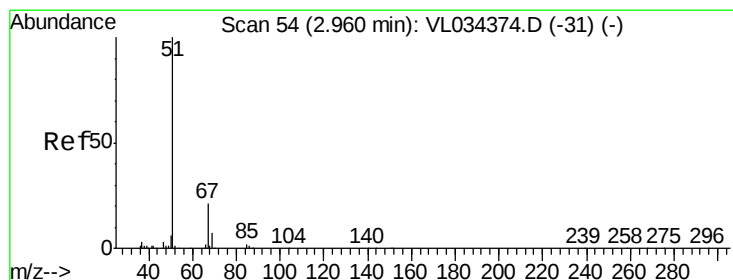
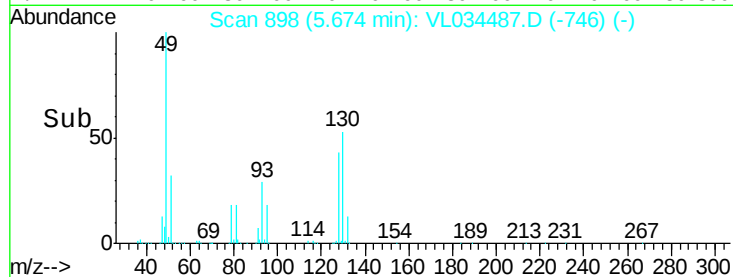
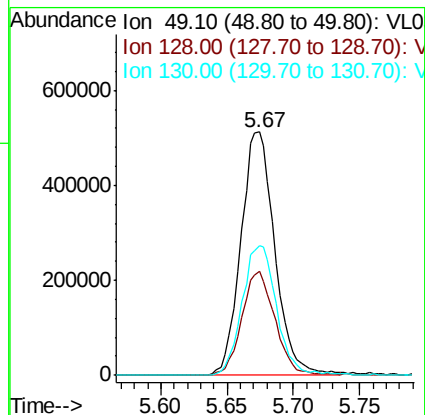
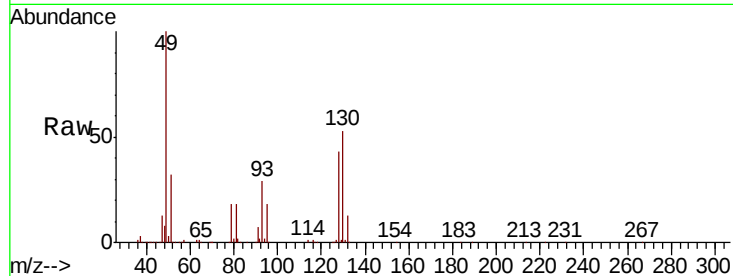
ClientSampleId :

1A-4DL

Tot Ion:	49	Resp:	913070
Ion	Ratio	Lower	Upper
49	100		
128	42.2	21.8	65.3
130	54.5	28.0	84.0

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#3

Chlorodifluoromethane

Concen: 0.410 ppbv

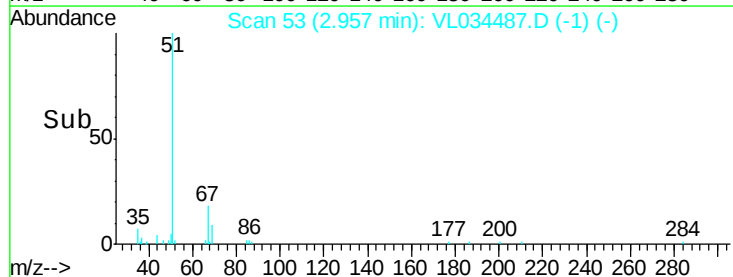
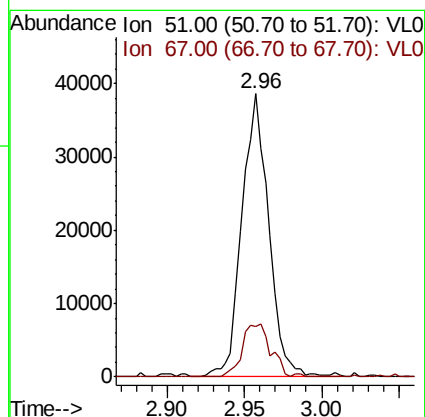
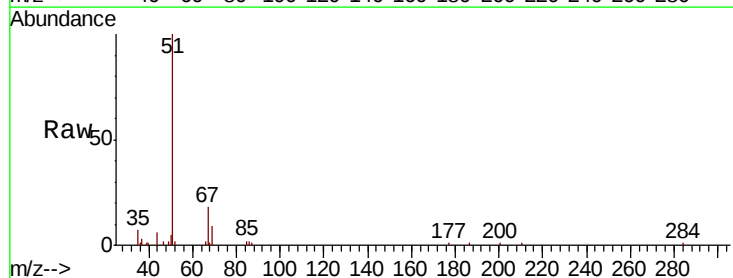
RT: 2.96 min Scan# 53

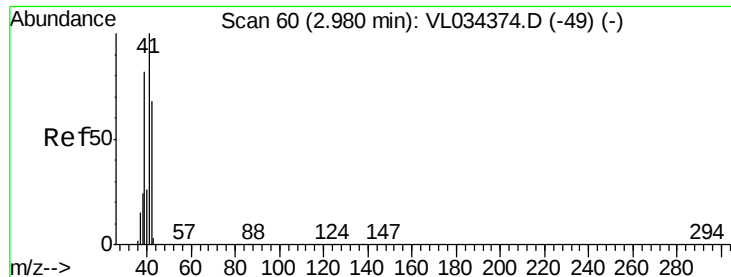
Delta R.T. -0.00 min

Lab File: VL034487.D

Acq: 10 Dec 2019 6:06

Tgt Ion:	51	Resp:	46677
Ion	Ratio	Lower	Upper
51	100		
67	20.0	16.2	24.2





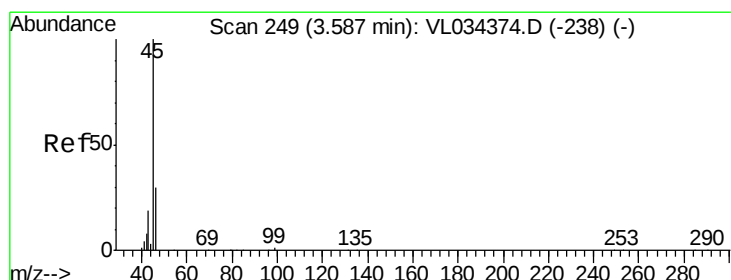
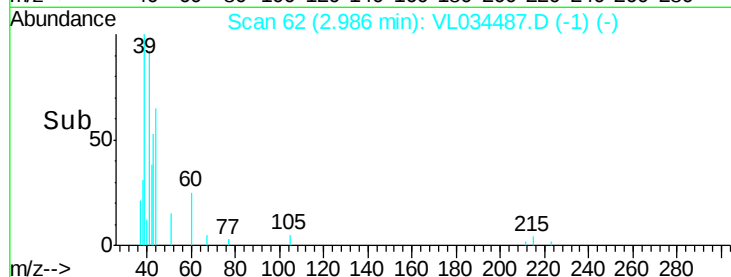
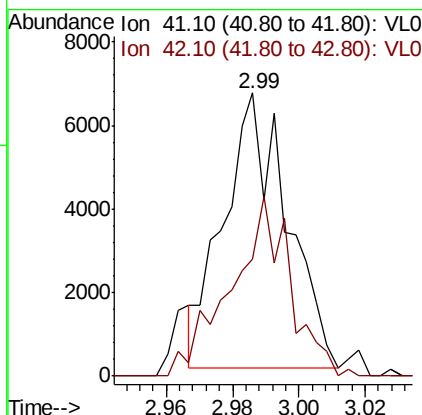
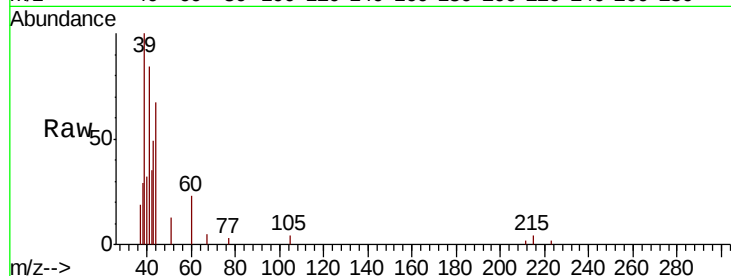
#9
 Propene
 Concen: 0.173 ppbv
 RT: 2.99 min Scan# 62
 Delta R.T. 0.01 min
 Lab File: VL034487.D
 Acq: 10 Dec 2019 6:06

Instrument :
 MSVOA_L
 ClientSampled :
 1A-4DL

Tot Ion	Ratio	Lower	Upper
41	100		
42	60.5	54.6	82.0

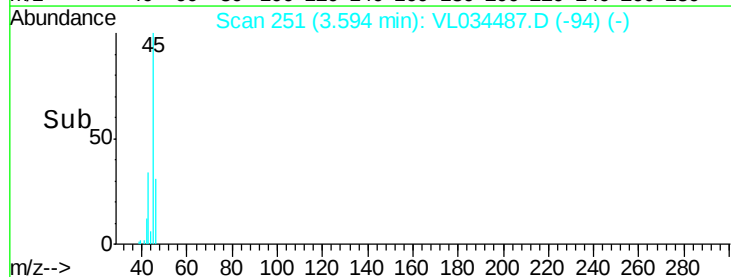
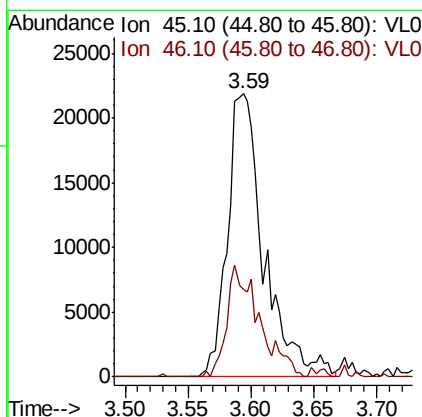
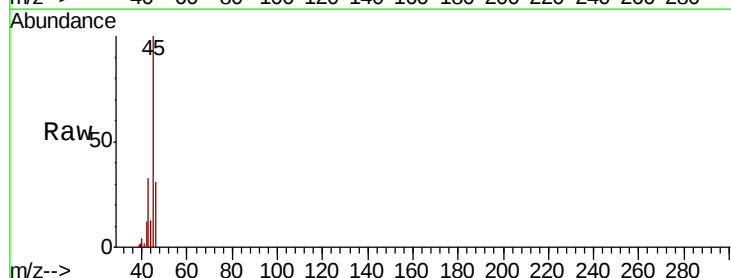
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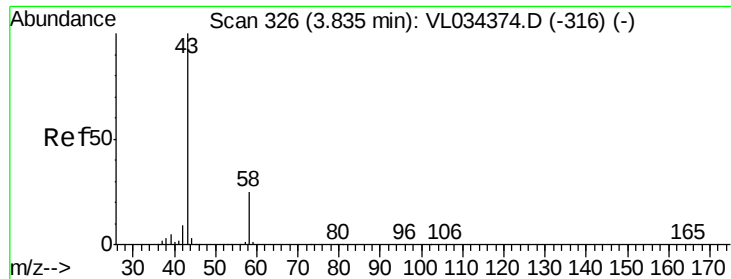
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#13
 Ethanol
 Concen: 3.138 ppbv m
 RT: 3.59 min Scan# 251
 Delta R.T. 0.01 min
 Lab File: VL034487.D
 Acq: 10 Dec 2019 6:06

Tgt Ion	Ratio	Lower	Upper
45	100		
46	36.3	13.8	55.4





#15

Acetone

Concen: 0.766 ppbv

RT: 3.84 min Scan# 328

Delta R.T. 0.01 min

Lab File: VL034487.D

Acq: 10 Dec 2019 6:06

Instrument :

MSVOA_L

ClientSampled :

1A-4DL

Tot Ion: 43 Resp: 100127

Ion Ratio Lower Upper

43 100

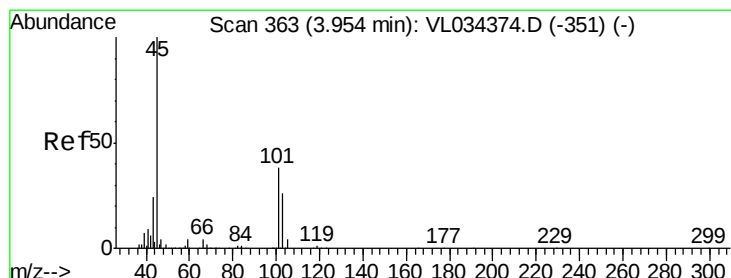
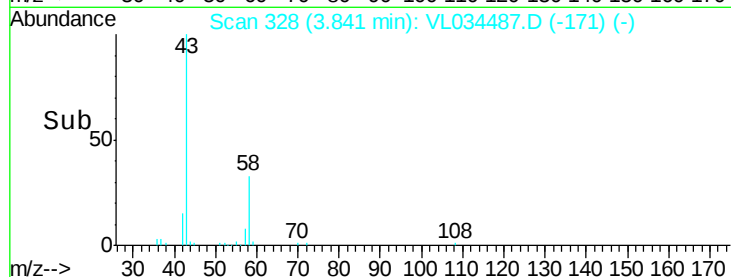
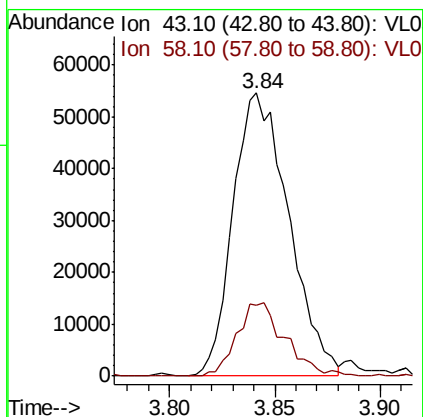
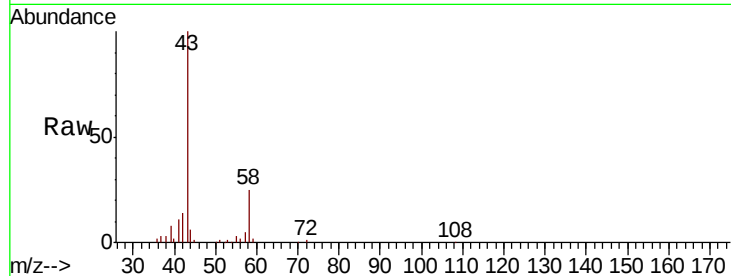
58 22.4 20.2 30.4

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#19

Isopropyl Alcohol

Concen: 0.149 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.02 min

Lab File: VL034487.D

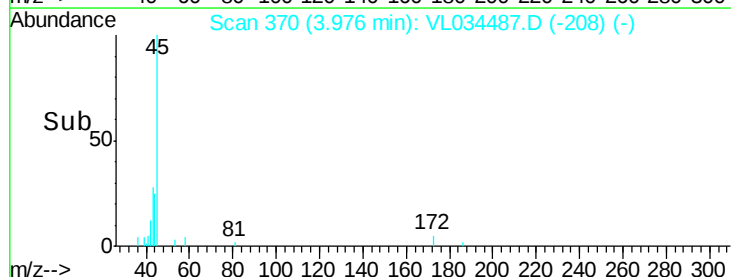
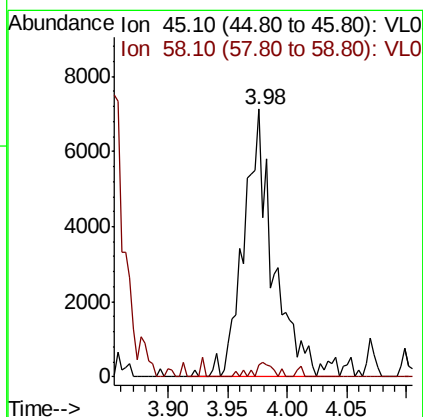
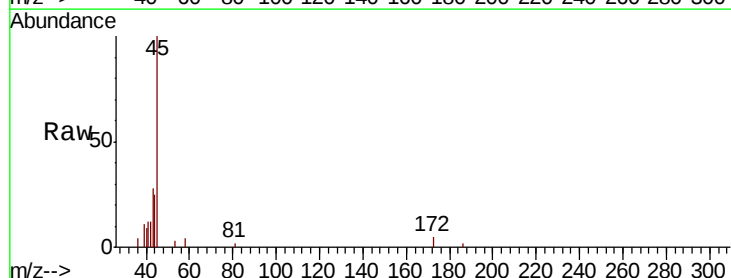
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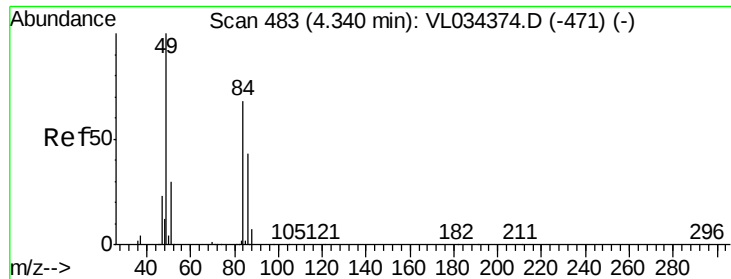
Tgt Ion: 45 Resp: 12449

Ion Ratio Lower Upper

45 100

58 179.3 1.3 1.9#





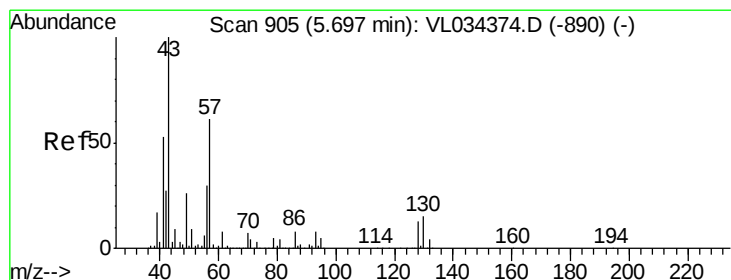
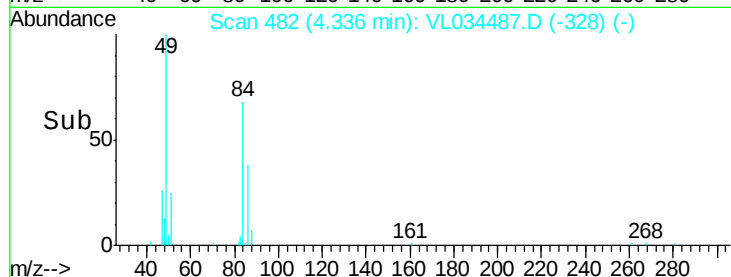
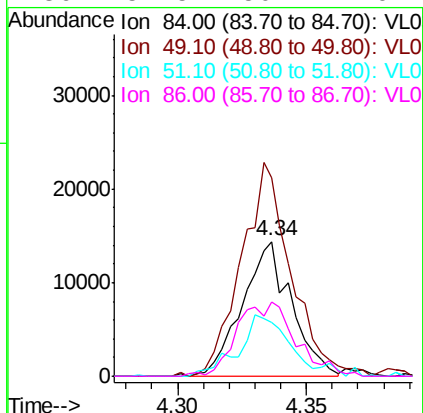
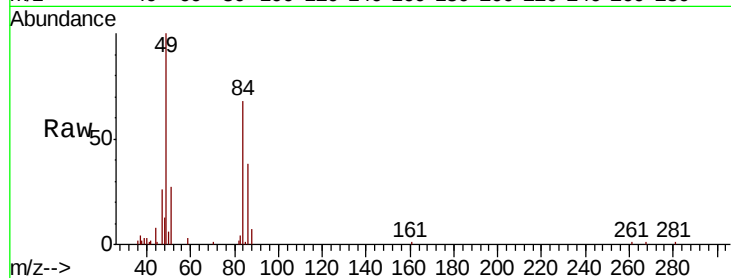
#20
Methvlene Chloride
Concen: 0.414 ppbv
RT: 4.34 min Scan# 482
Delta R.T. -0.00 min
Lab File: VL034487.D
Acq: 10 Dec 2019 6:06

Instrument :
MSVOA_L
ClientSampled :
1A-4DL

Tot Ion:	84	Resp:	19210
Ion	Ratio	Lower	Upper
84	100		
49	144.4	116.8	175.2
51	39.6	35.6	53.4
86	52.5	50.7	76.1

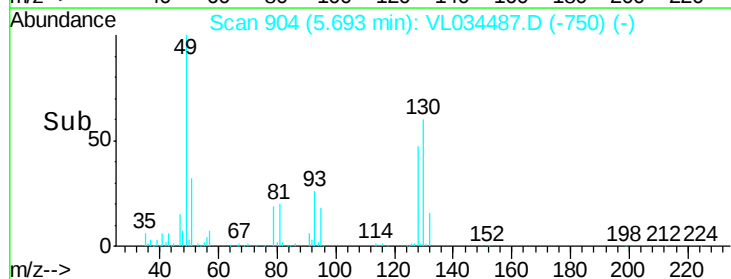
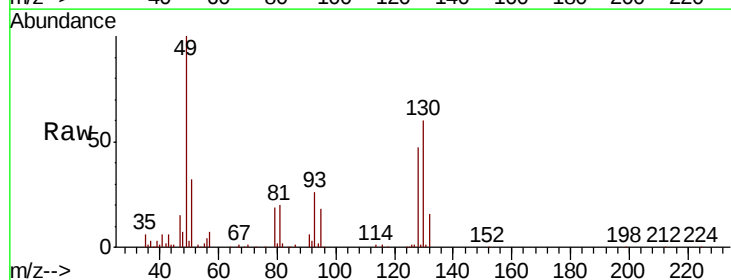
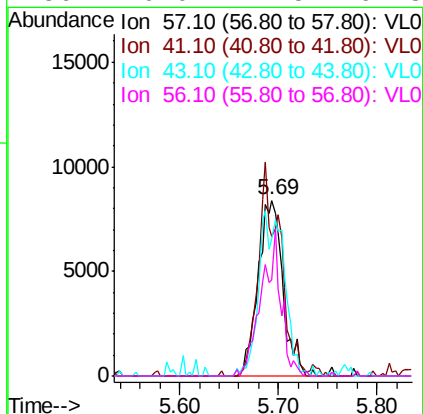
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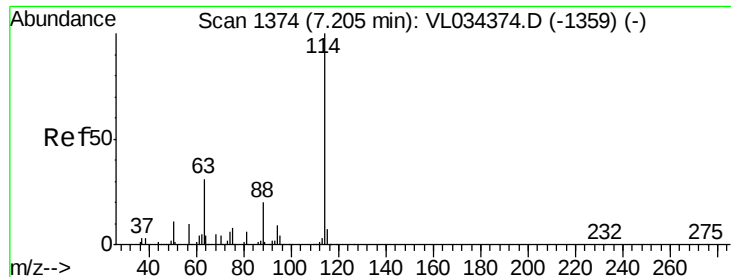
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#26
Hexane
Concen: 0.146 ppbv m
RT: 5.69 min Scan# 904
Delta R.T. -0.00 min
Lab File: VL034487.D
Acq: 10 Dec 2019 6:06

Tgt Ion:	57	Resp:	14616
Ion	Ratio	Lower	Upper
57	100		
41	108.3	75.0	112.4
43	98.3	186.6	279.8#
56	0.0	41.5	62.3#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.19 min Scan# 1371

Delta R.T. -0.01 min

Lab File: VL034487.D

Acq: 10 Dec 2019 6:06

Instrument :

MSVOA_L

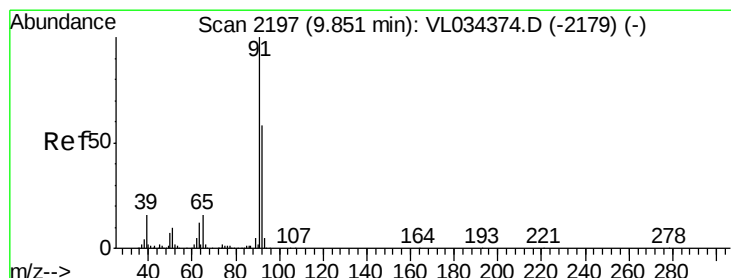
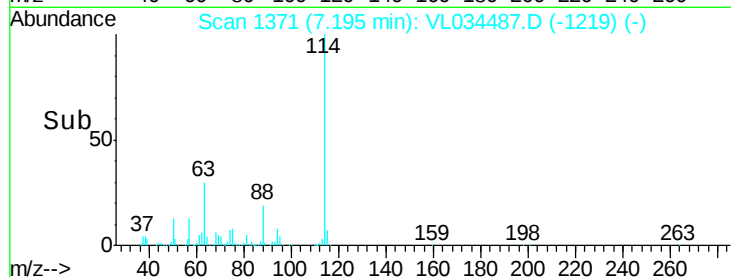
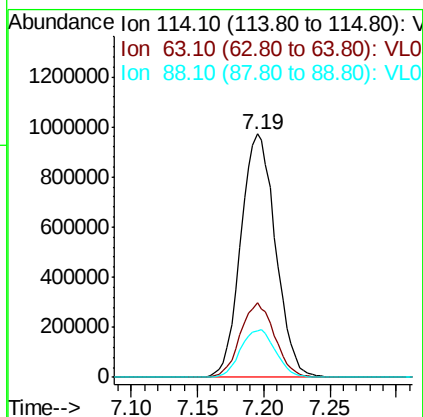
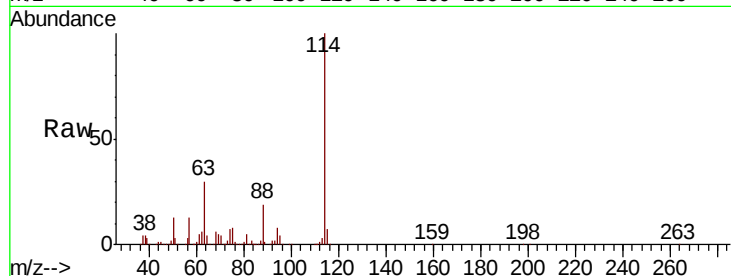
ClientSampled :

1A-4DL

Tot Ion:	114	Resp:	1769716
Ion	Ratio	Lower	Upper
114	100		
63	30.3	24.2	36.4
88	19.7	15.9	23.9

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#53

Toluene

Concen: 0.270 ppbv

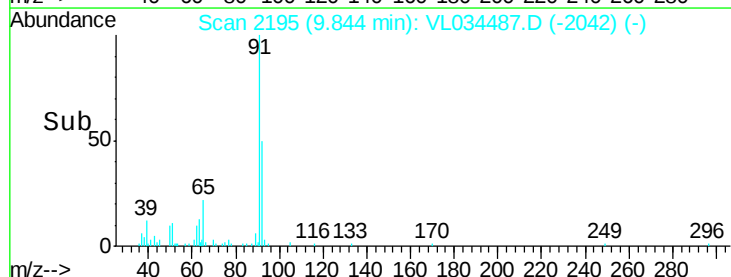
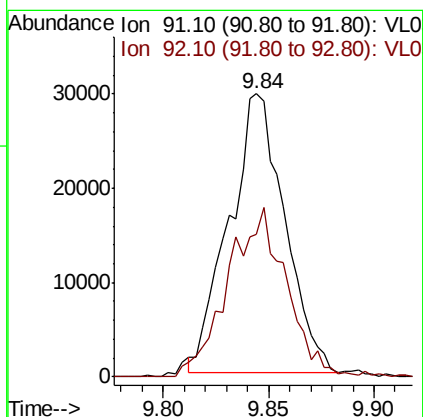
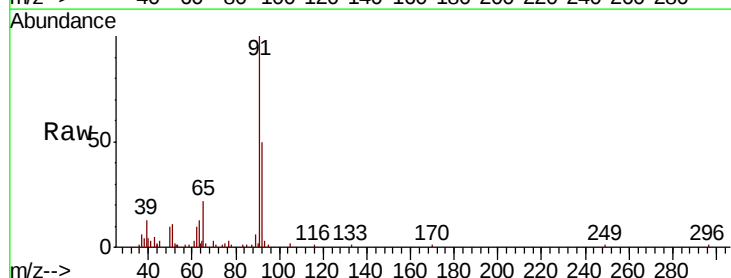
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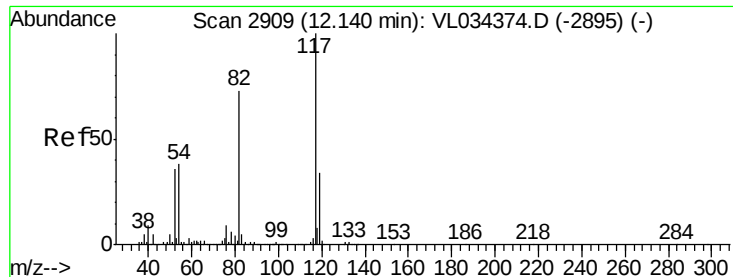
Delta R.T. -0.01 min

Lab File: VL034487.D

Acq: 10 Dec 2019 6:06

Tgt Ion:	91	Resp:	54182
Ion	Ratio	Lower	Upper
91	100		
92	64.0	47.9	71.9





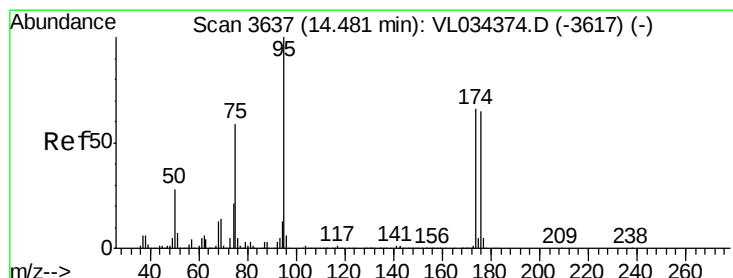
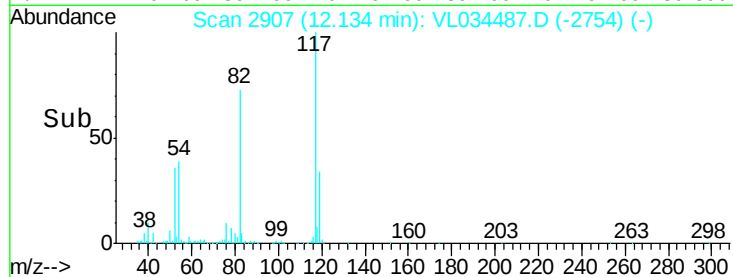
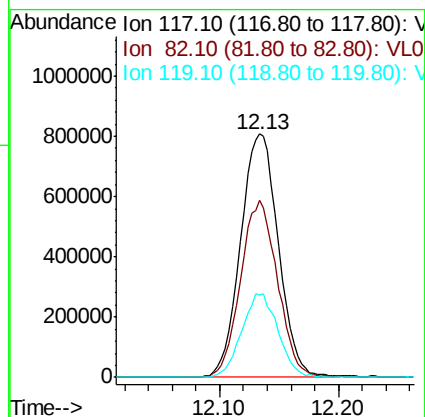
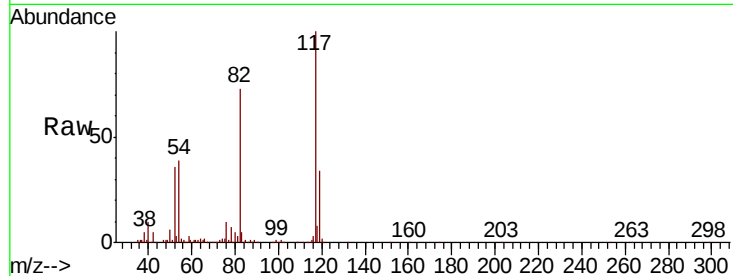
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Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.01 min
Lab File: VL034487.D
Acq: 10 Dec 2019 6:06

Instrument :
MSVOA_L
ClientSampleId :
1A-4DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	71.2	57.5	86.3
119	33.3	25.4	38.2

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.188 ppbv
RT: 14.47 min Scan# 3634
Delta R.T. -0.01 min
Lab File: VL034487.D
Acq: 10 Dec 2019 6:06

Tgt Ion	Ratio	Lower	Upper
95	100		
174	64.9	52.2	78.2
175	4.5	3.8	5.8

