

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036205.D
 Acq On : 23 Dec 2020 23:29
 Operator : SY/AP
 Sample : L5196-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IIA1DL

Manual Integrations
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 12/26/2020 1:36:54 PM

Quant Time: Dec 24 06:20:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1346558	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2626333	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2345237	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2026508	10.88	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	17817	0.116	ppbv	96
9) Propene	3.00	41	20737m	0.269	ppbv	
13) Ethanol	3.60	45	37351m	3.520	ppbv	
15) Acetone	3.84	43	103382	0.639	ppbv #	87
19) Isopropyl Alcohol	3.97	45	18943m	0.192	ppbv	
20) Methylene Chloride	4.32	84	35173m	0.530	ppbv	
26) Hexane	5.67	57	76776	0.528	ppbv #	38
53) Toluene	9.78	91	23775m	0.095	ppbv	

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

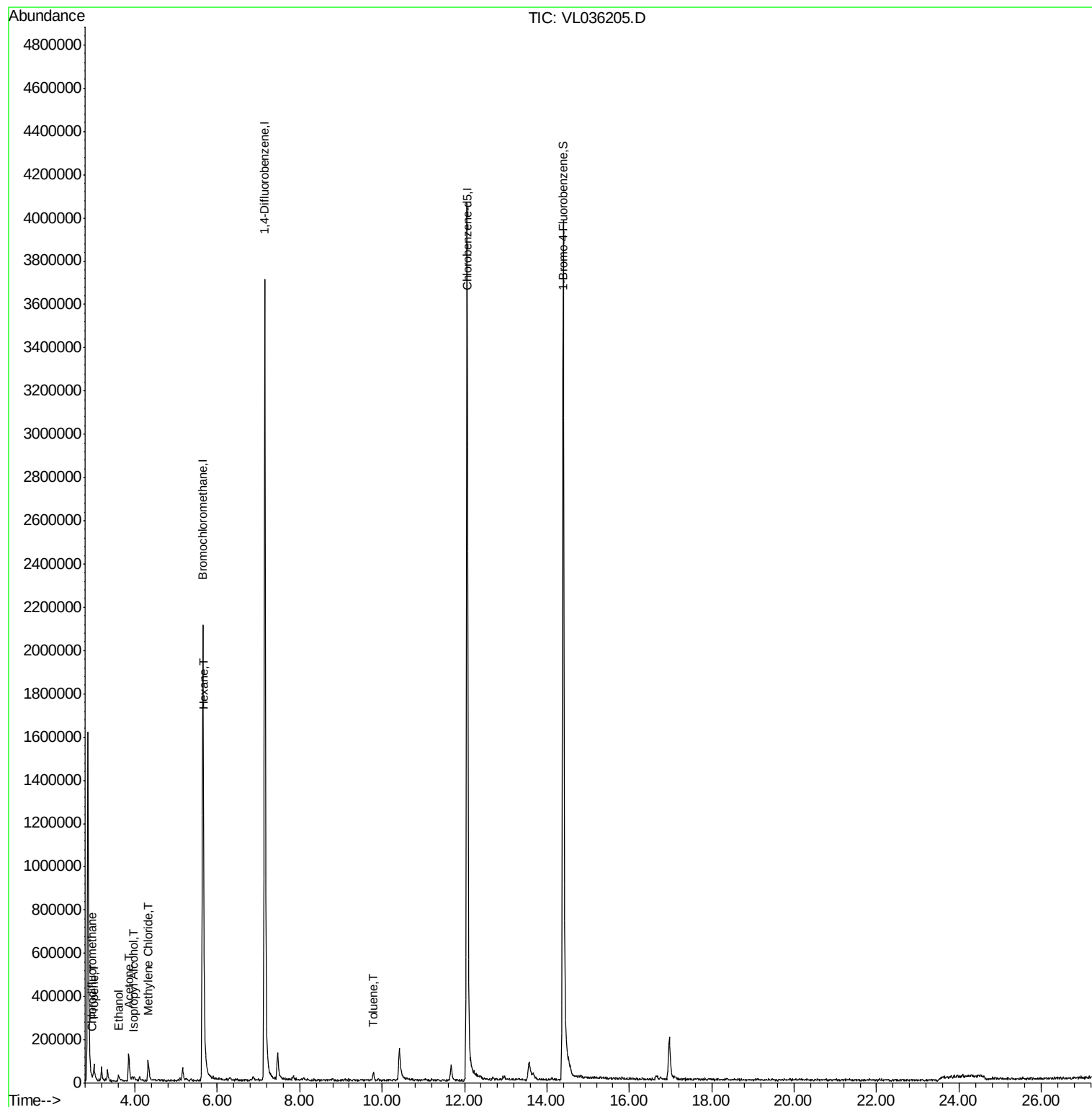
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Data File : VL036205.D
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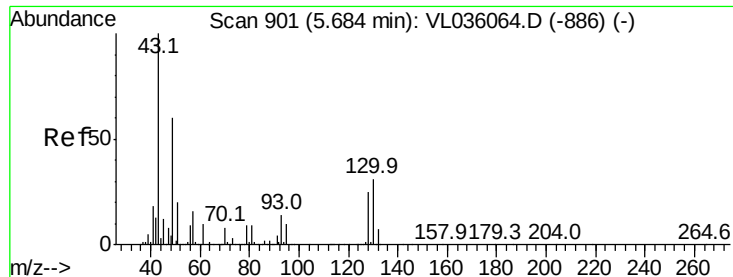
Instrument :
MSVOA_L
ClientSampleId :
IIA1DL

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Quant Time: Dec 24 06:20:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





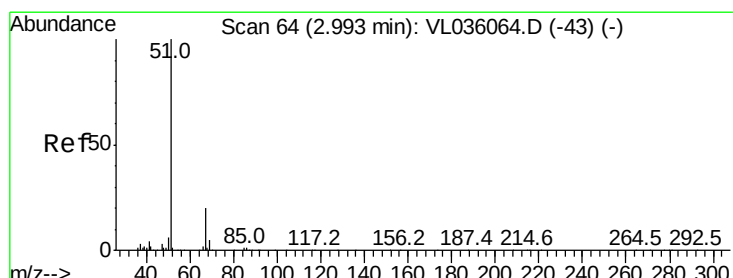
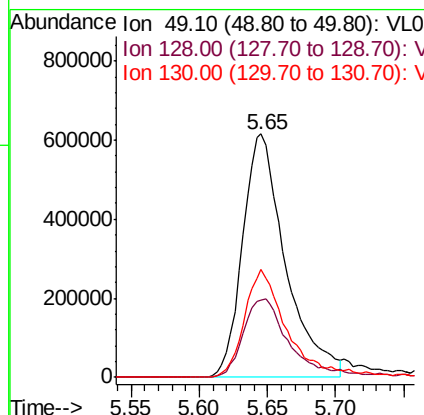
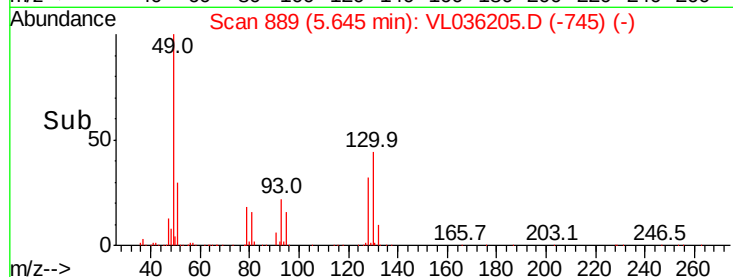
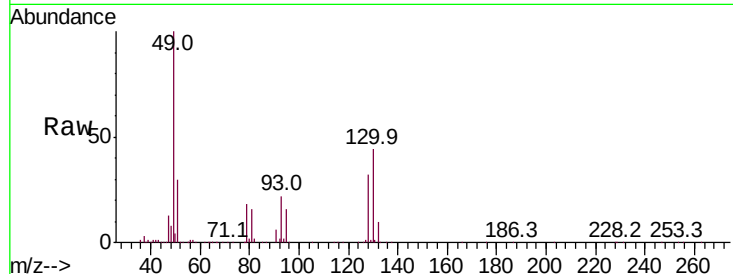
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. -0.04 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Instrument :
MSVOA_L
ClientSampled :
IIA1DL

Tot Ion: 49 Resp: 1346558
Ion Ratio Lower Upper
49 100
128 36.2 21.1 63.1
130 45.5 27.1 81.3

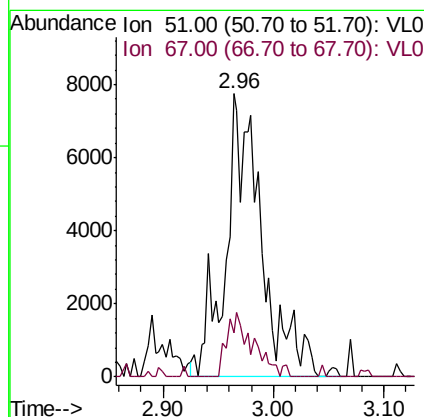
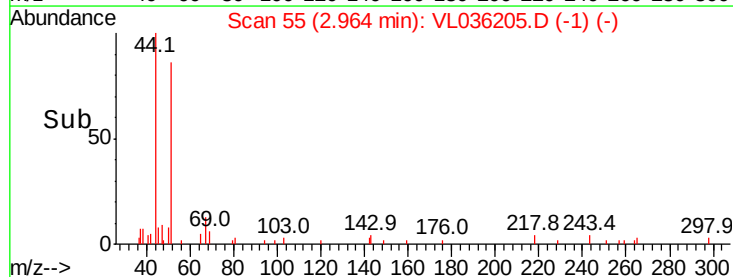
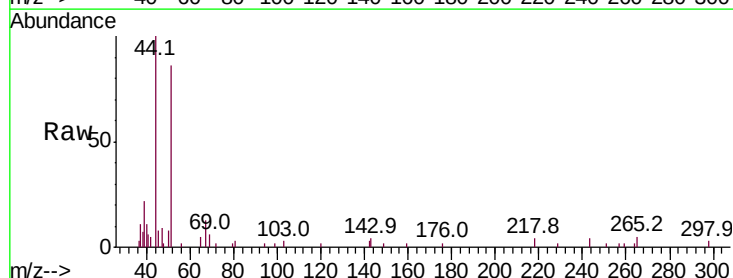
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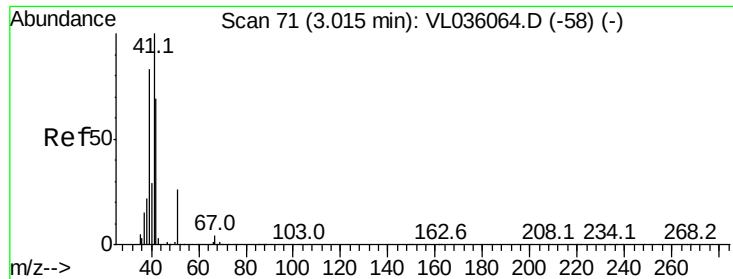
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#3
Chlorodifluoromethane
Concen: 0.116 ppbv
RT: 2.96 min Scan# 55
Delta R.T. -0.03 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Tgt Ion: 51 Resp: 17817
Ion Ratio Lower Upper
51 100
67 16.2 14.3 21.5





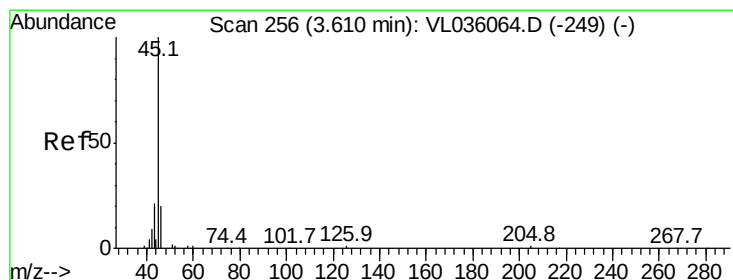
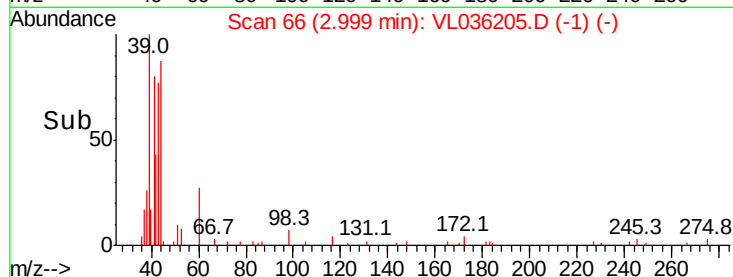
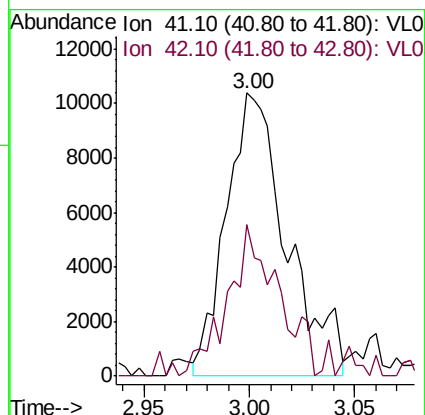
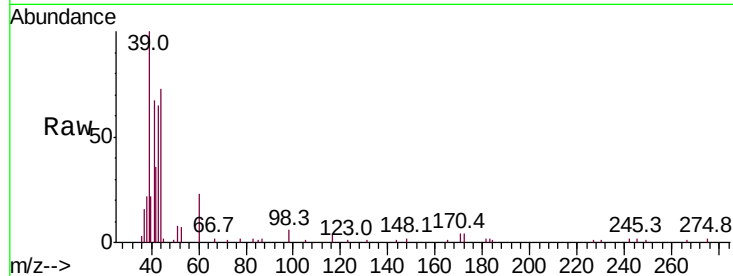
#9
 Propene
 Concen: 0.269 ppbv m
 RT: 3.00 min Scan# 66
 Delta R.T. -0.02 min
 Lab File: VL036205.D
 Acq: 23 Dec 2020 23:29

Instrument :
 MSVOA_L
 ClientSampleID :
 IIA1DL

Tot Ion: 41 Resp: 20737
 Ion Ratio Lower Upper
 41 100
 42 47.4 57.0 85.6#

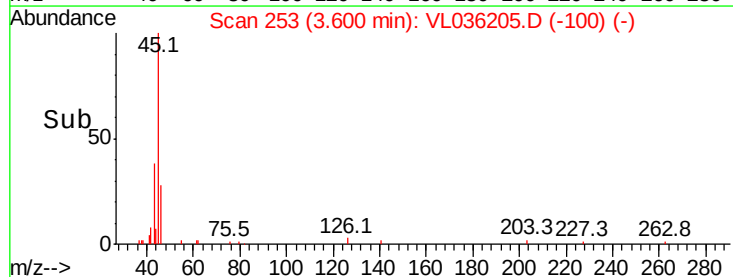
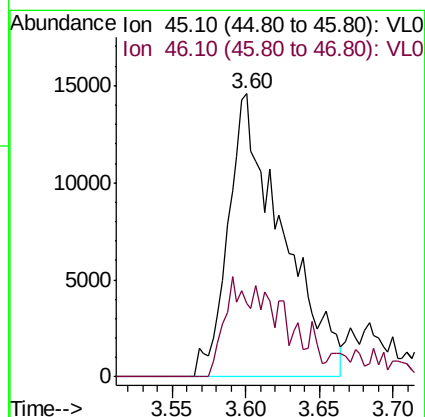
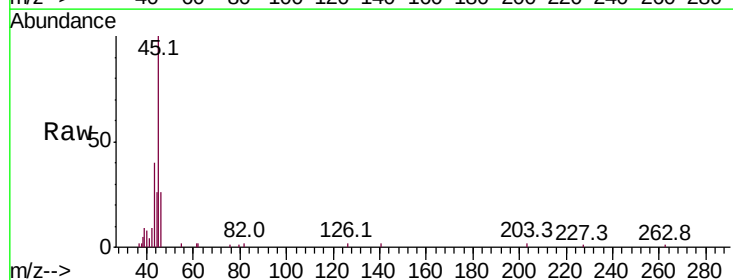
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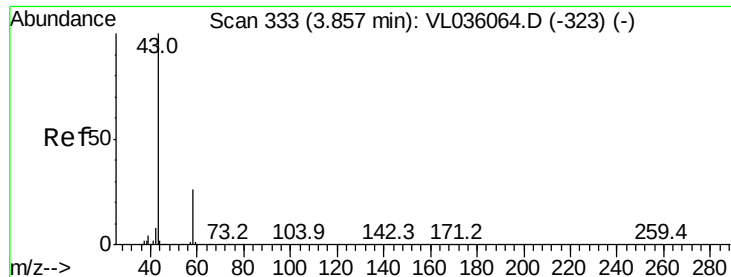
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#13
 Ethanol
 Concen: 3.520 ppbv m
 RT: 3.60 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VL036205.D
 Acq: 23 Dec 2020 23:29

Tgt Ion: 45 Resp: 37351
 Ion Ratio Lower Upper
 45 100
 46 46.0 19.0 75.8





#15

Acetone

Concen: 0.639 ppbv

RT: 3.84 min Scan# 329

Delta R.T. -0.01 min

Lab File: VL036205.D

Acq: 23 Dec 2020 23:29

Instrument :

MSVOA_L

ClientSampleId :

IIA1DL

Tot Ion: 43 Resp: 103382

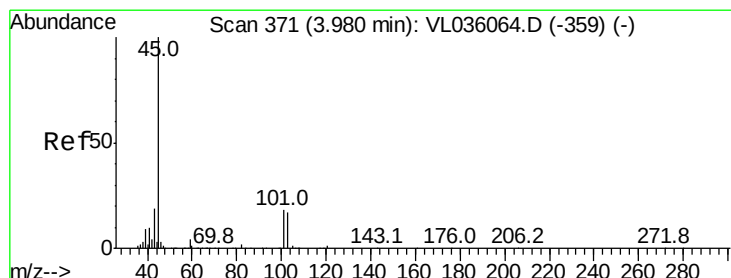
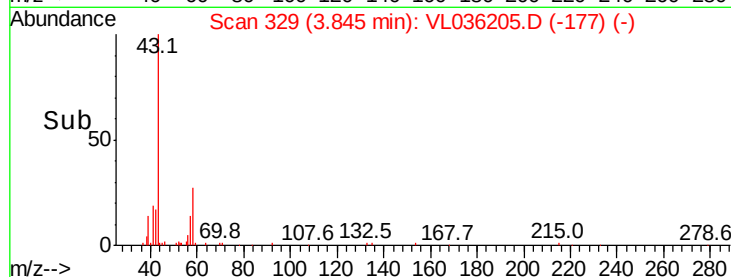
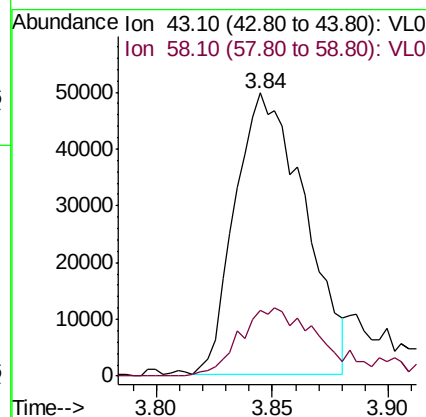
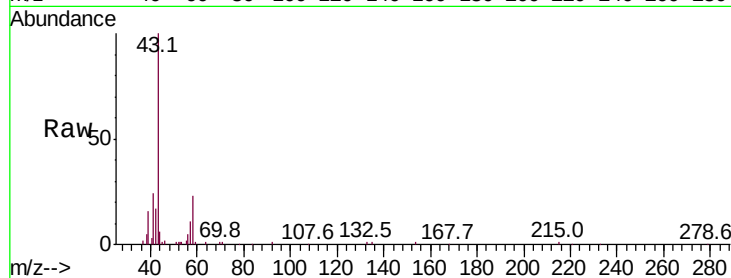
Ion Ratio Lower Upper

43 100

58 32.9 20.9 31.3#

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#19

Isopropyl Alcohol

Concen: 0.192 ppbv m

RT: 3.97 min Scan# 368

Delta R.T. -0.01 min

Lab File: VL036205.D

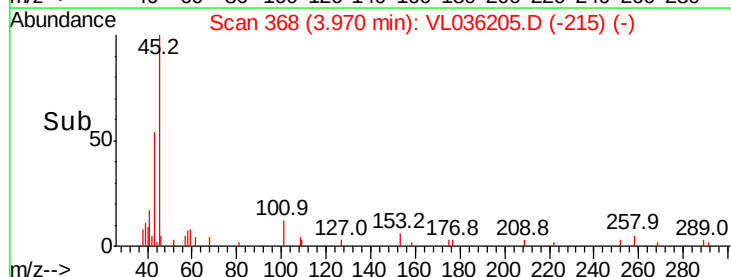
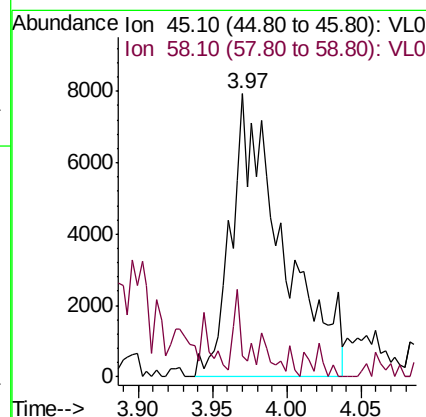
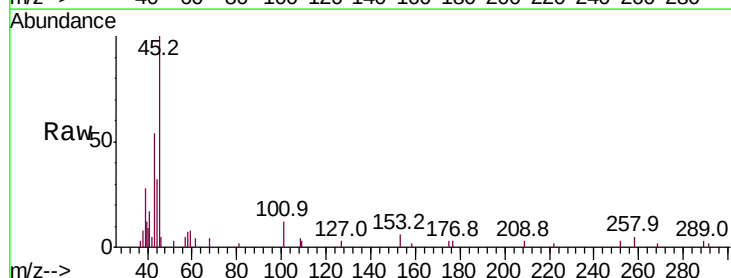
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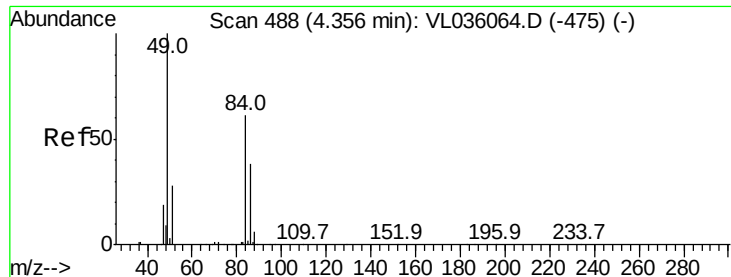
Tgt Ion: 45 Resp: 18943

Ion Ratio Lower Upper

45 100

58 11.0 0.0 0.0#





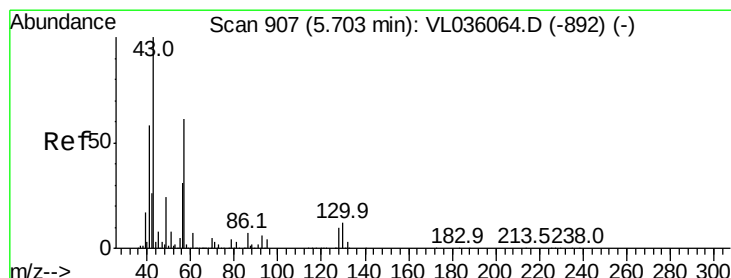
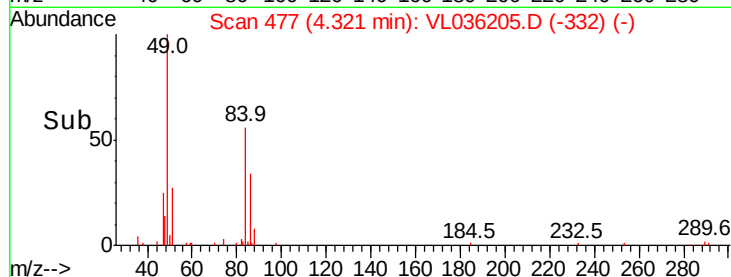
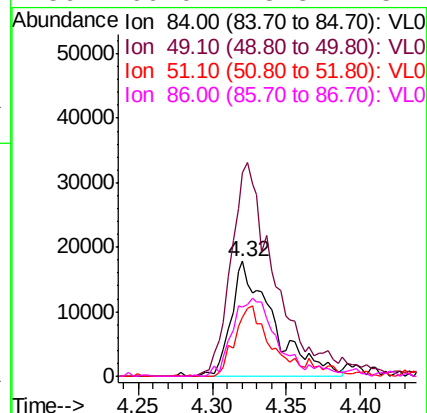
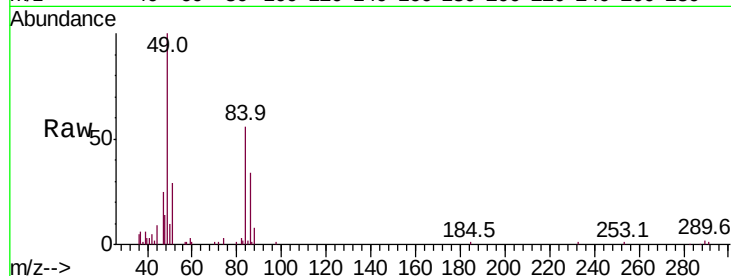
#20
Methvlene Chloride
Concen: 0.530 ppbv m
RT: 4.32 min Scan# 477
Delta R.T. -0.04 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Instrument :
MSVOA_L
ClientSampleId :
IIA1DL

Tot Ion	84	Resp:	35173
Ion	Ratio	Lower	Upper
84	100		
49	177.3	133.0	199.4
51	51.1	38.9	58.3
86	60.0	48.8	73.2

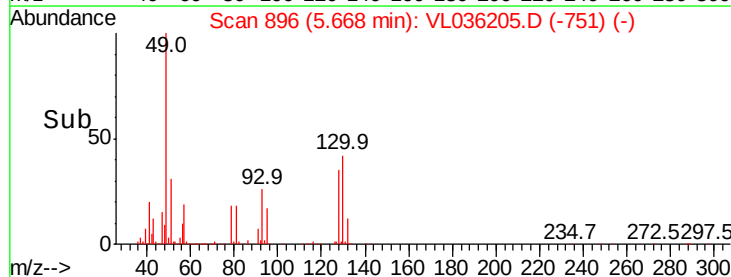
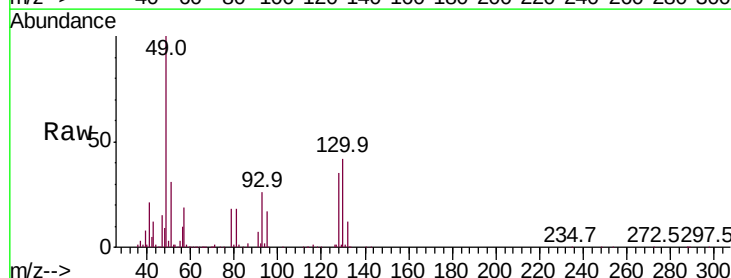
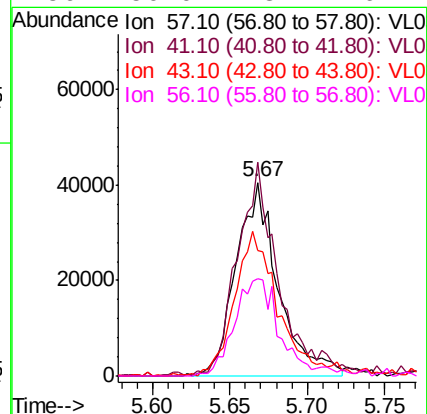
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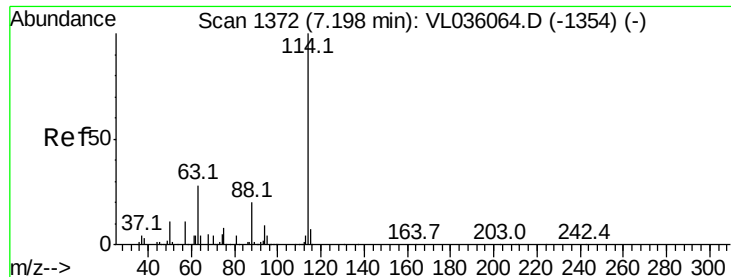
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#26
Hexane
Concen: 0.528 ppbv
RT: 5.67 min Scan# 896
Delta R.T. -0.04 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Tgt Ion	57	Resp:	76776
Ion	Ratio	Lower	Upper
57	100		
41	110.6	82.9	124.3
43	80.7	199.9	299.9#
56	56.0	43.1	64.7





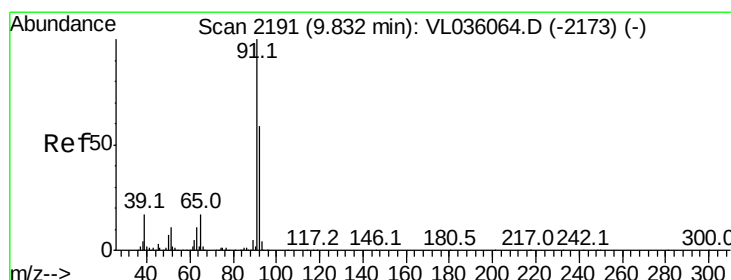
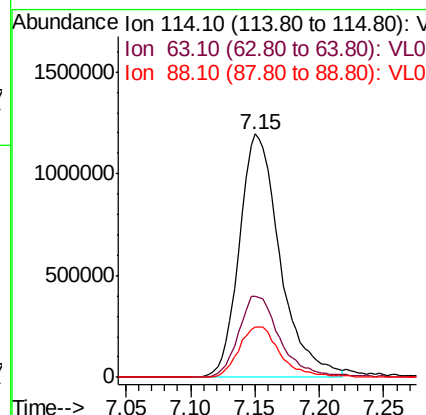
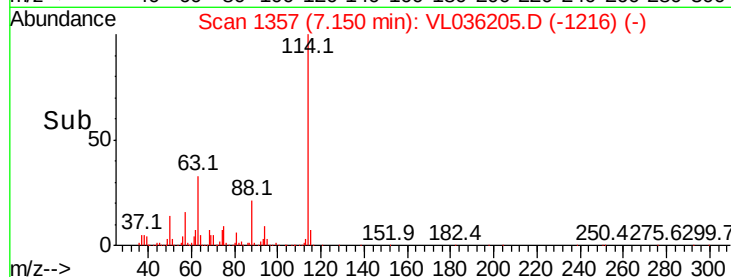
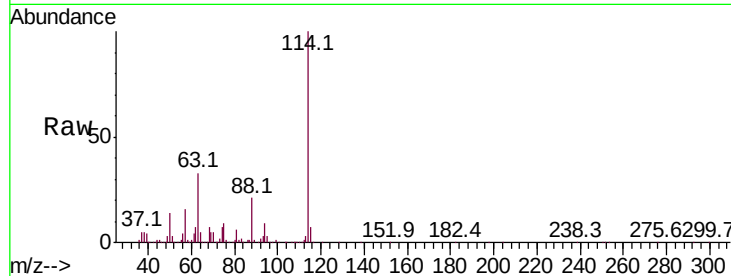
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.05 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Instrument :
MSVOA_L
ClientSampleId :
IIA1DL

Tot Ion:114 Resp: 2626333
Ion Ratio Lower Upper
114 100
63 34.9 23.6 35.4
88 21.3 15.8 23.6

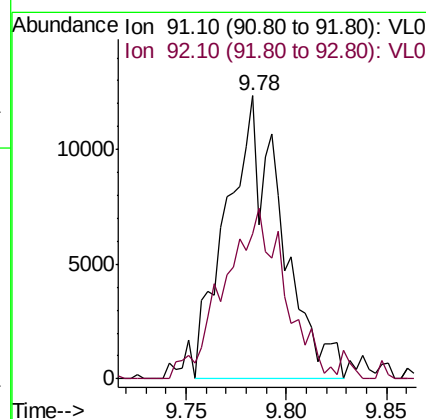
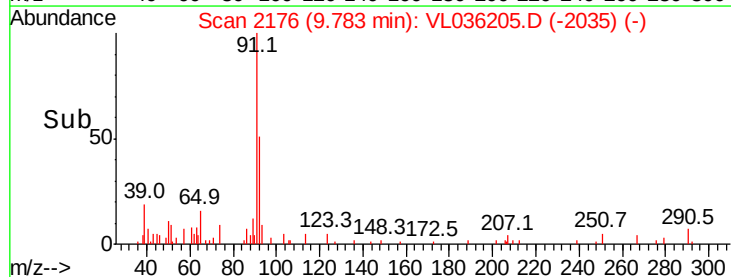
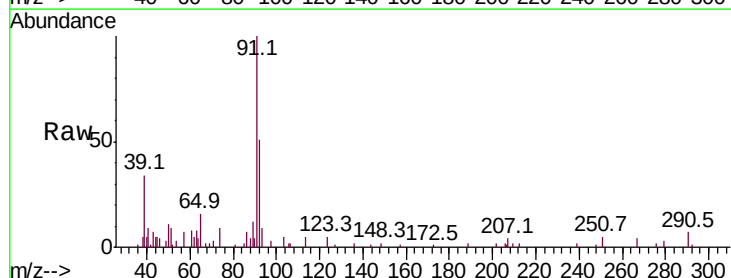
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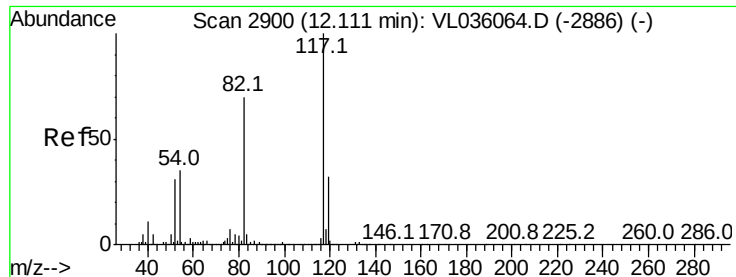
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#53
Toluene
Concen: 0.095 ppbv m
RT: 9.78 min Scan# 2176
Delta R.T. -0.05 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Tgt Ion: 91 Resp: 23775
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.2#





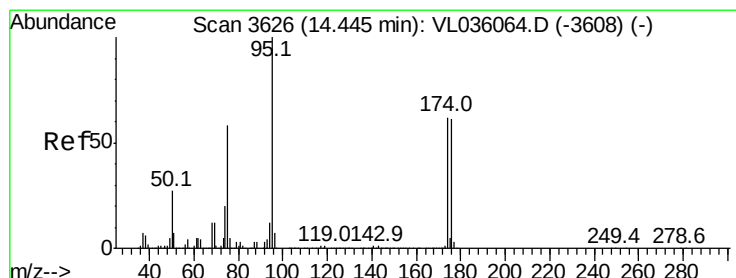
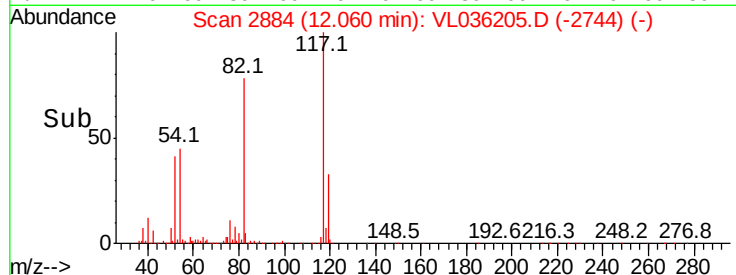
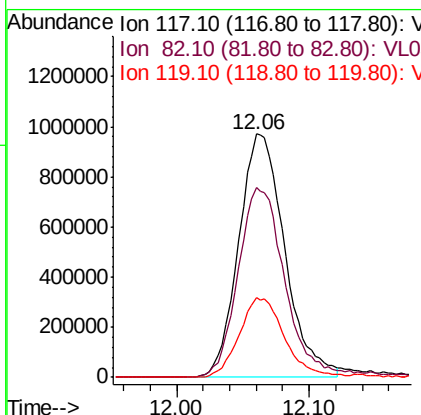
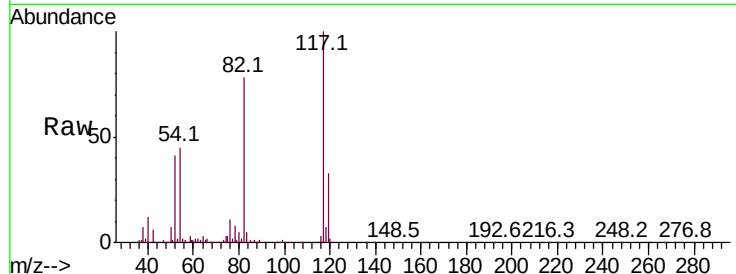
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.05 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Instrument :
MSVOA_L
ClientSampleId :
IIA1DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	81.5	0.0	0.0#
119	33.1	0.0	0.0#

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.882 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. -0.05 min
Lab File: VL036205.D
Acq: 23 Dec 2020 23:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	54.5	50.7	76.1
175	3.8	4.0	6.0#

