

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036329.D
 Acq On : 10 Feb 2021 22:34
 Operator : SY/AP
 Sample : M1343-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-3BDL

Manual Integrations
 APPROVED

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 2/12/2021 1:42:38 PM

Quant Time: Feb 11 21:10:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 16:04:02 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1711883	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3662659	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3367065	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.39	95	2658176	9.60	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	110834	0.521	ppbv	# 86
9) Propene	3.01	41	29100m	0.367	ppbv	
13) Ethanol	3.59	45	2303348	154.634	ppbv	90
15) Acetone	3.84	43	198279m	0.948	ppbv	
19) Isopropyl Alcohol	3.96	45	508050m	4.382	ppbv	
36) Benzene	6.86	78	41375m	0.133	ppbv	

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

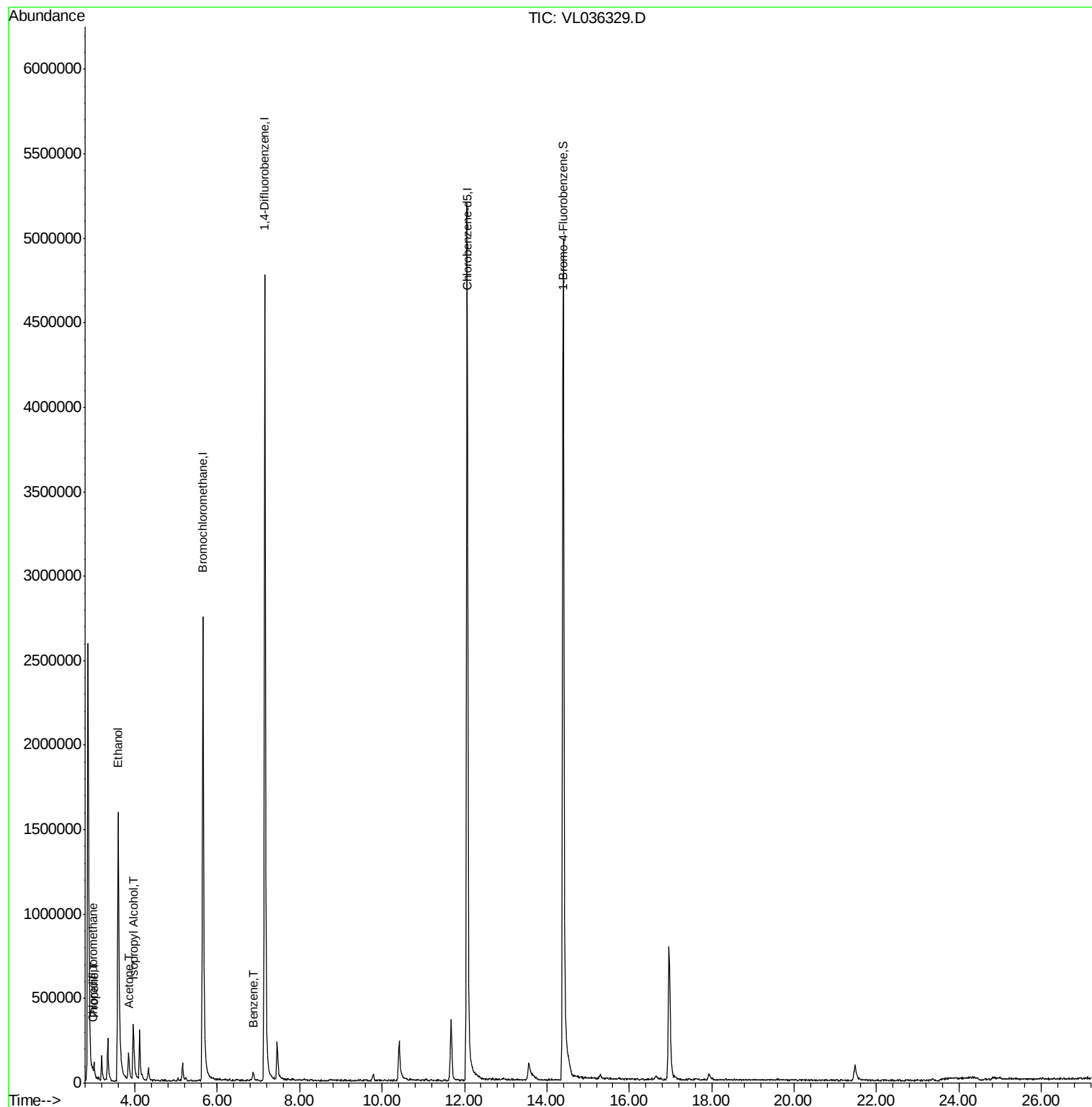
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021021\
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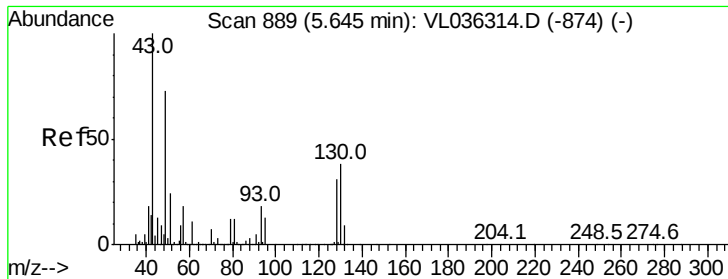
Instrument :
MSVOA_L
ClientSampleId :
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#1

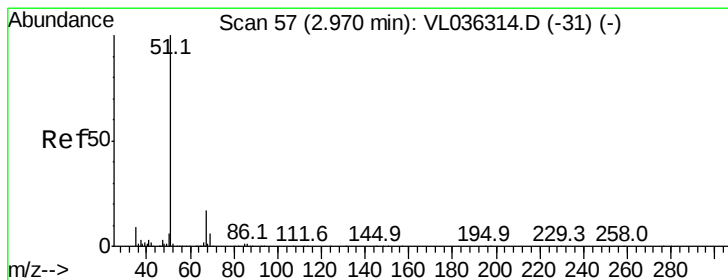
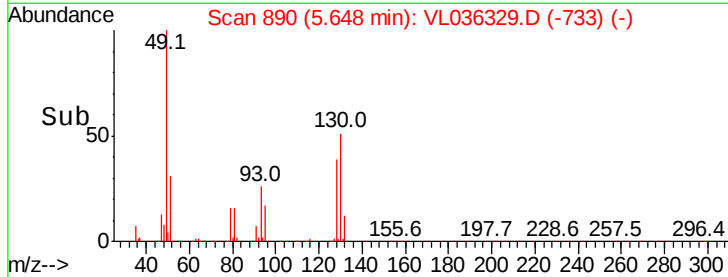
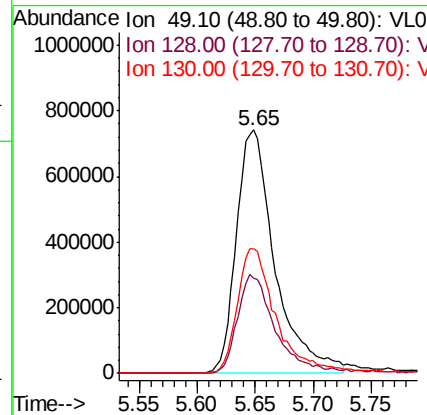
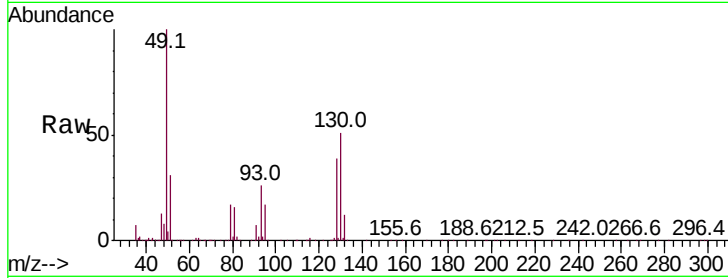
Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.65 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: VL036329.D
 Acq: 10 Feb 2021 22:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-3BDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	41.4	20.8	62.5
130	52.0	26.7	80.1

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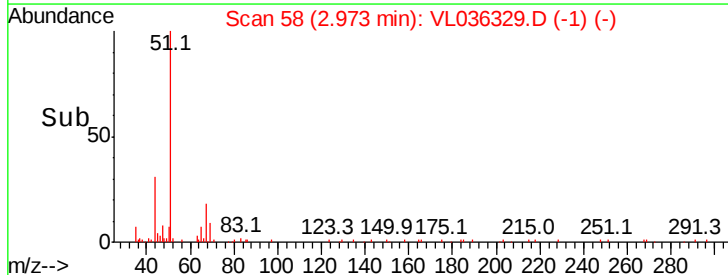
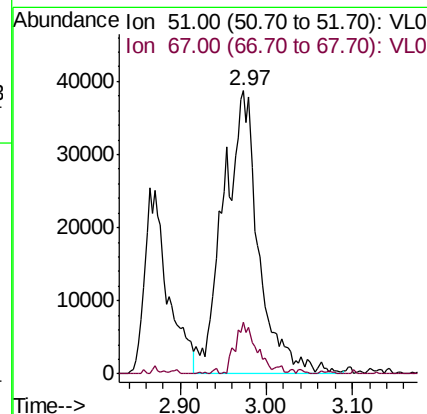
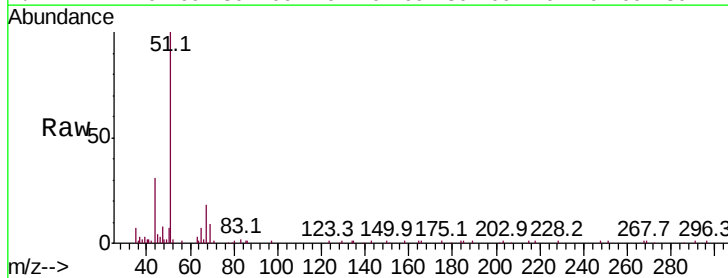
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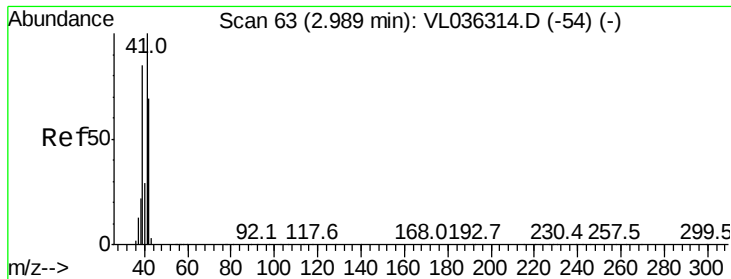


#3

Chlorodifluoromethane
 Concen: 0.521 ppbv
 RT: 2.97 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VL036329.D
 Acq: 10 Feb 2021 22:34

Tgt Ion	Ratio	Lower	Upper
51	100		
67	12.0	14.7	22.1





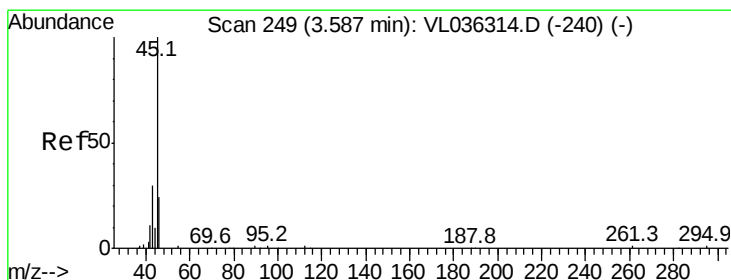
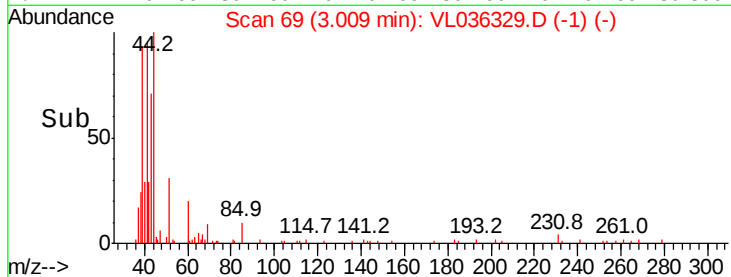
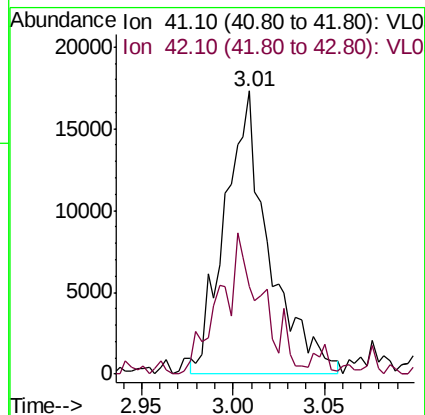
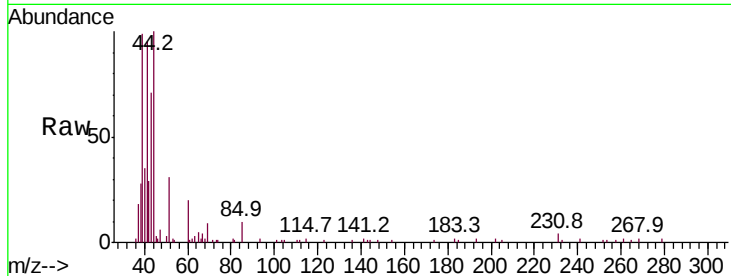
#9
Propene
Concen: 0.367 ppbv m
RT: 3.01 min Scan# 69
Delta R.T. 0.02 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Instrument :
MSVOA_L
ClientSampleId :
SR-3BDL

Tot Ion: 41 Resp: 29100
Ion Ratio Lower Upper
41 100
42 48.8 56.2 84.2#

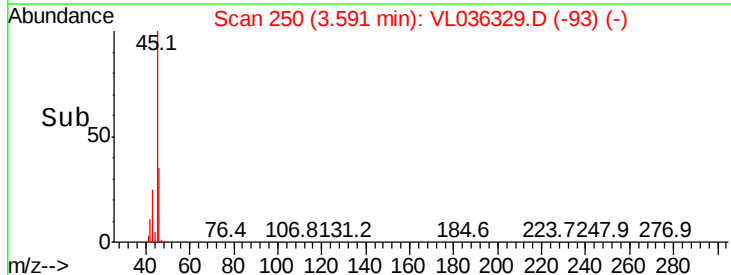
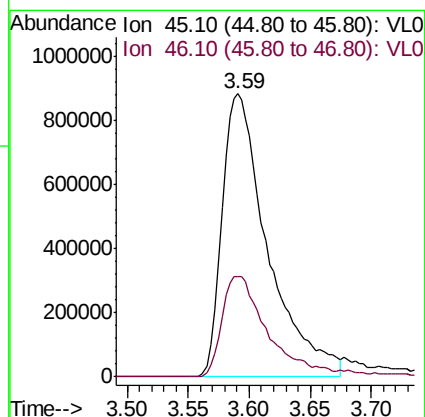
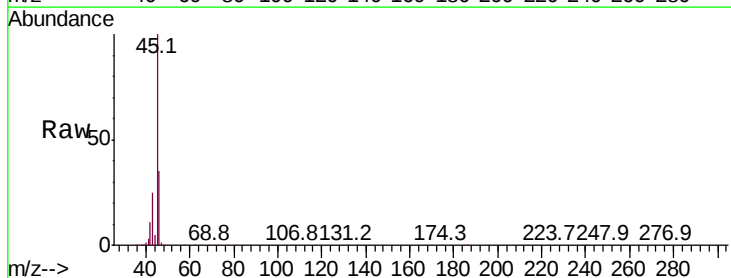
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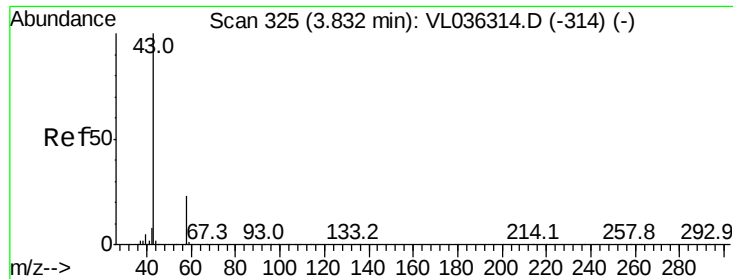
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#13
Ethanol
Concen: 154.634 ppbv
RT: 3.59 min Scan# 250
Delta R.T. 0.00 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Tgt Ion: 45 Resp: 2303348
Ion Ratio Lower Upper
45 100
46 38.0 17.7 70.7





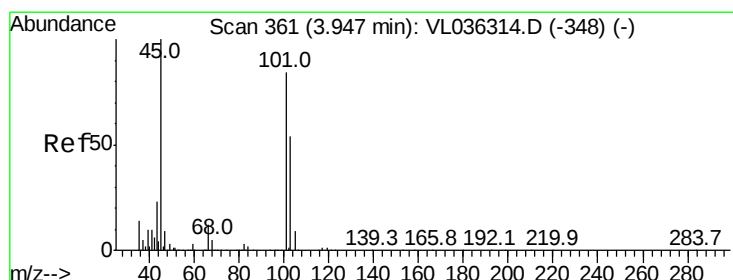
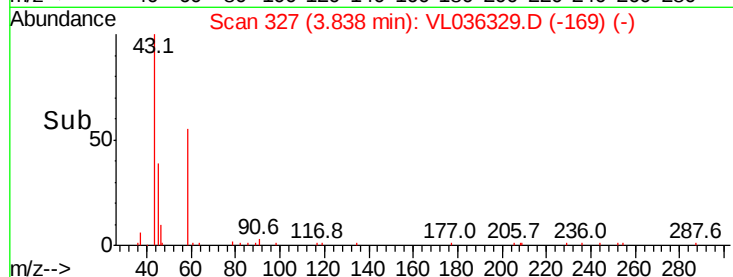
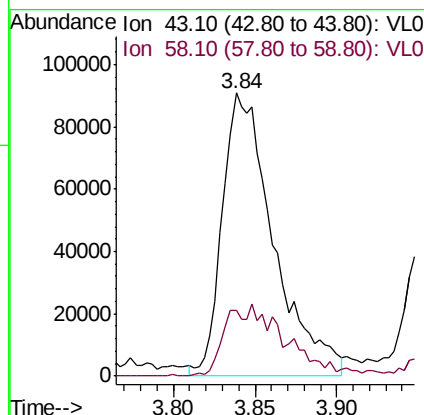
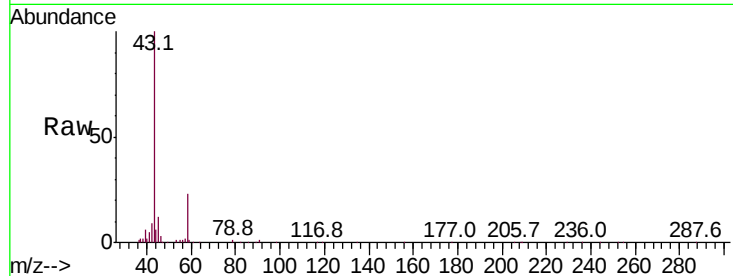
#15
Acetone
Concen: 0.948 ppbv m
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Instrument :
MSVOA_L
ClientSampleId :
SR-3BDL

Tot Ion	43	58	Ratio	100	0.0	Resp	198279	Lower	Upper

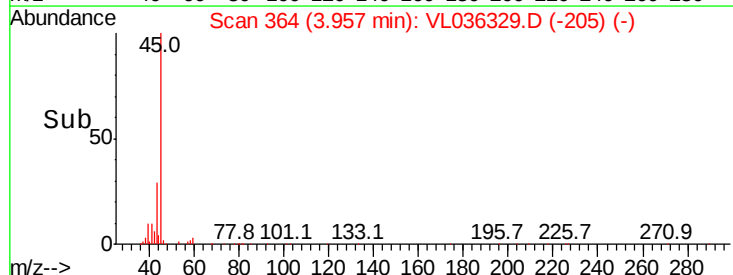
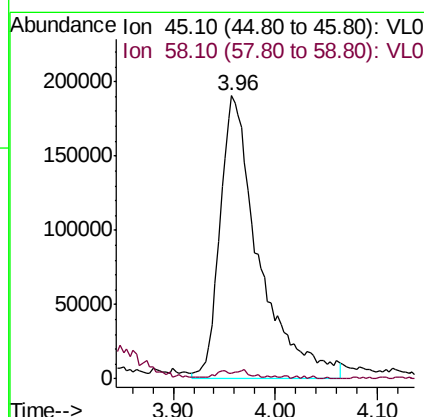
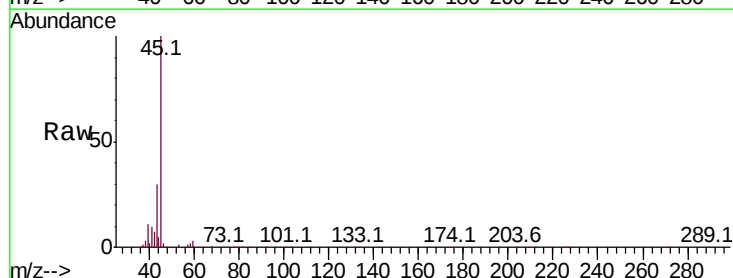
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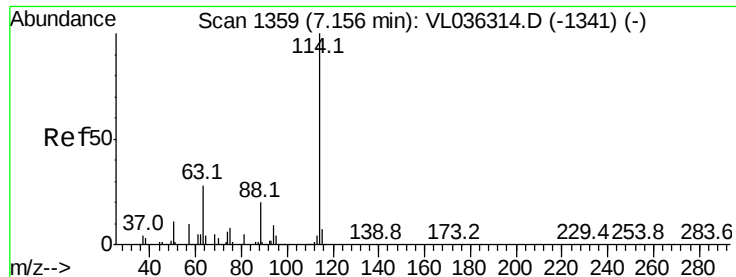
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#19
Isopropyl Alcohol
Concen: 4.382 ppbv m
RT: 3.96 min Scan# 364
Delta R.T. 0.01 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Tgt Ion	45	58	Ratio	100	0.0	Resp	508050	Lower	Upper





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VL036329.D

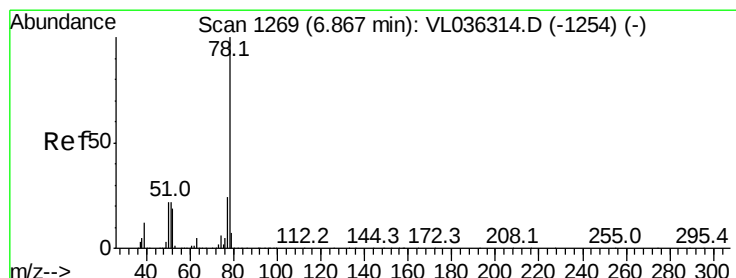
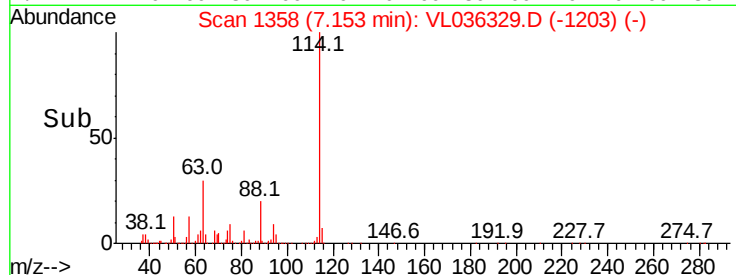
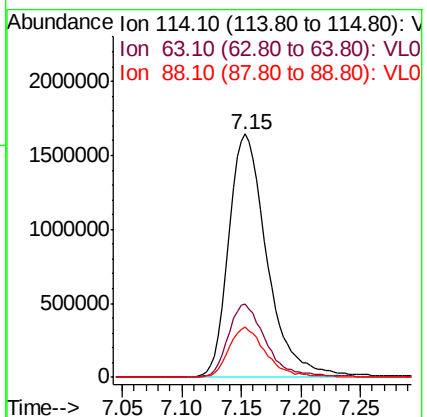
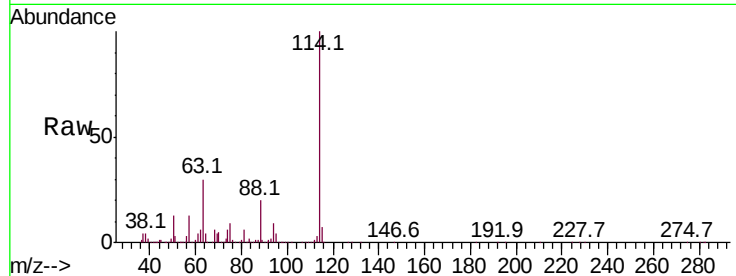
Acq: 10 Feb 2021 22:34

Instrument :
MSVOA_L
ClientSampleId :
SR-3BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.9	24.1	36.1
88	20.3	16.0	24.0

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#36

Benzene

Concen: 0.133 ppbv m

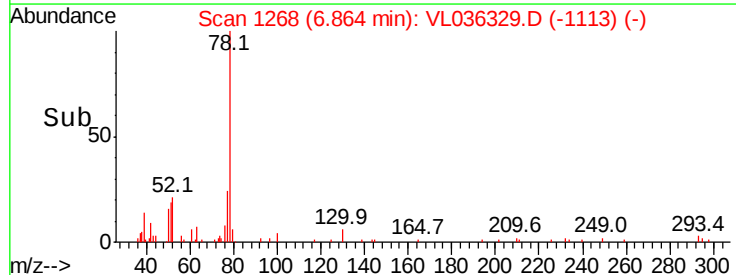
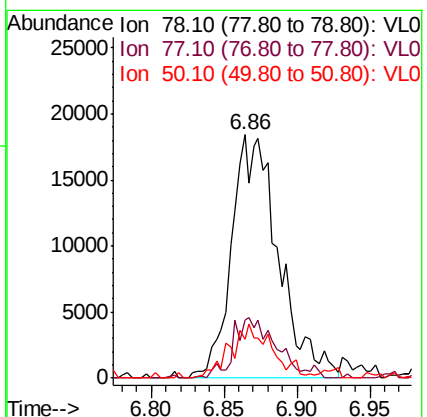
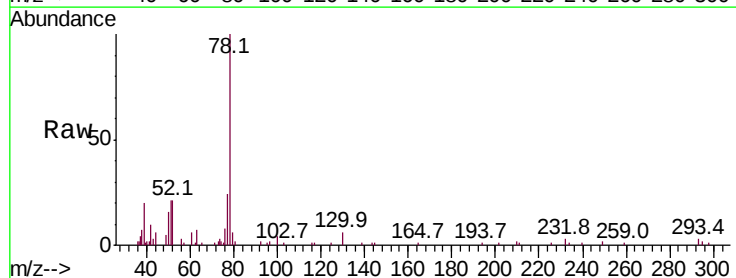
RT: 6.86 min Scan# 1268

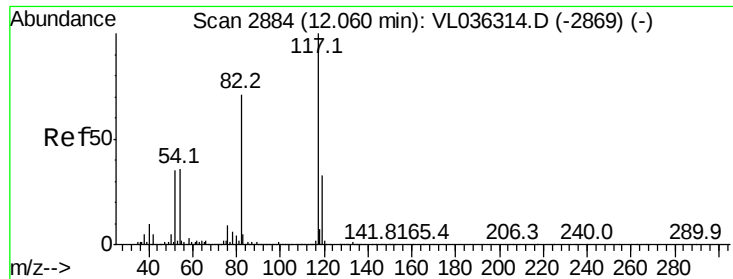
Delta R.T. -0.00 min

Lab File: VL036329.D

Acq: 10 Feb 2021 22:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3
50	15.8	17.3	25.9#





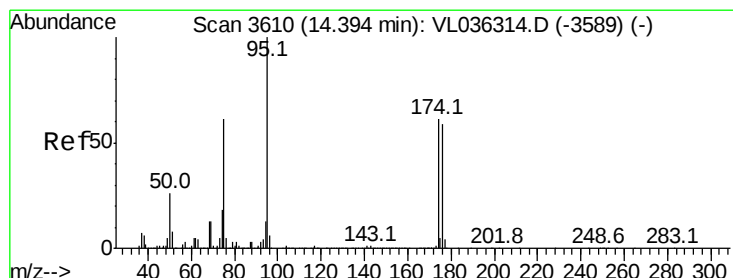
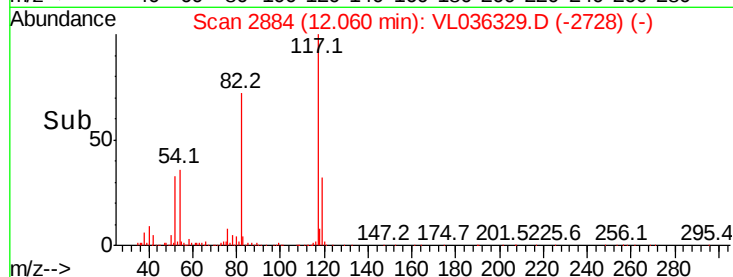
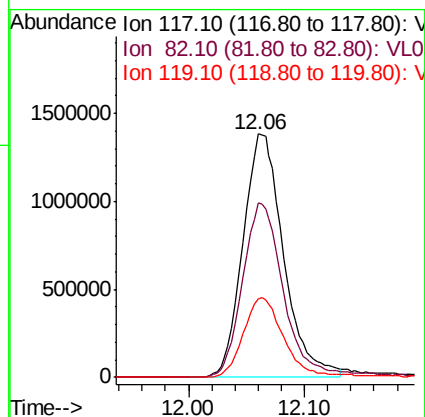
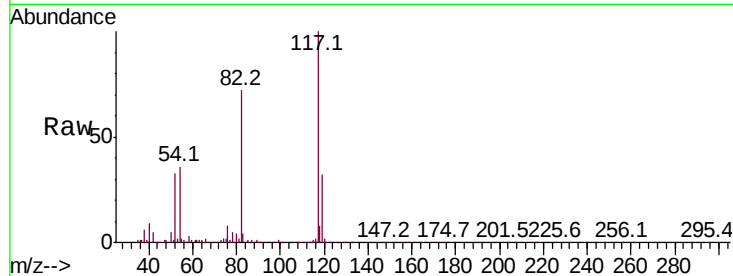
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. 0.00 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Instrument :
MSVOA_L
ClientSampleId :
SR-3BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	75.2	59.1	88.7
119	33.7	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.595 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VL036329.D
Acq: 10 Feb 2021 22:34

Tgt Ion	Ratio	Lower	Upper
95	100		
174	65.3	49.8	74.6
175	4.7	3.7	5.5

