

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021021\
 Data File : VL036333.D
 Acq On : 11 Feb 2021 1:13
 Operator : SY/AP
 Sample : M1343-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SR-6BDL

Manual Integrations
 APPROVED

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 2/12/2021 1:42:45 PM

Quant Time: Feb 11 21:12:44 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	1693409	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	3701105	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3414861	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2760389	9.82	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.97	51	87693	0.417	ppbv #	86
9) Propene	3.00	41	33060m	0.421	ppbv	
13) Ethanol	3.60	45	5270624	357.700	ppbv	91
15) Acetone	3.84	43	176113	0.851	ppbv #	79
19) Isopropyl Alcohol	3.96	45	1156147m	10.081	ppbv	
36) Benzene	6.87	78	54769m	0.174	ppbv	

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

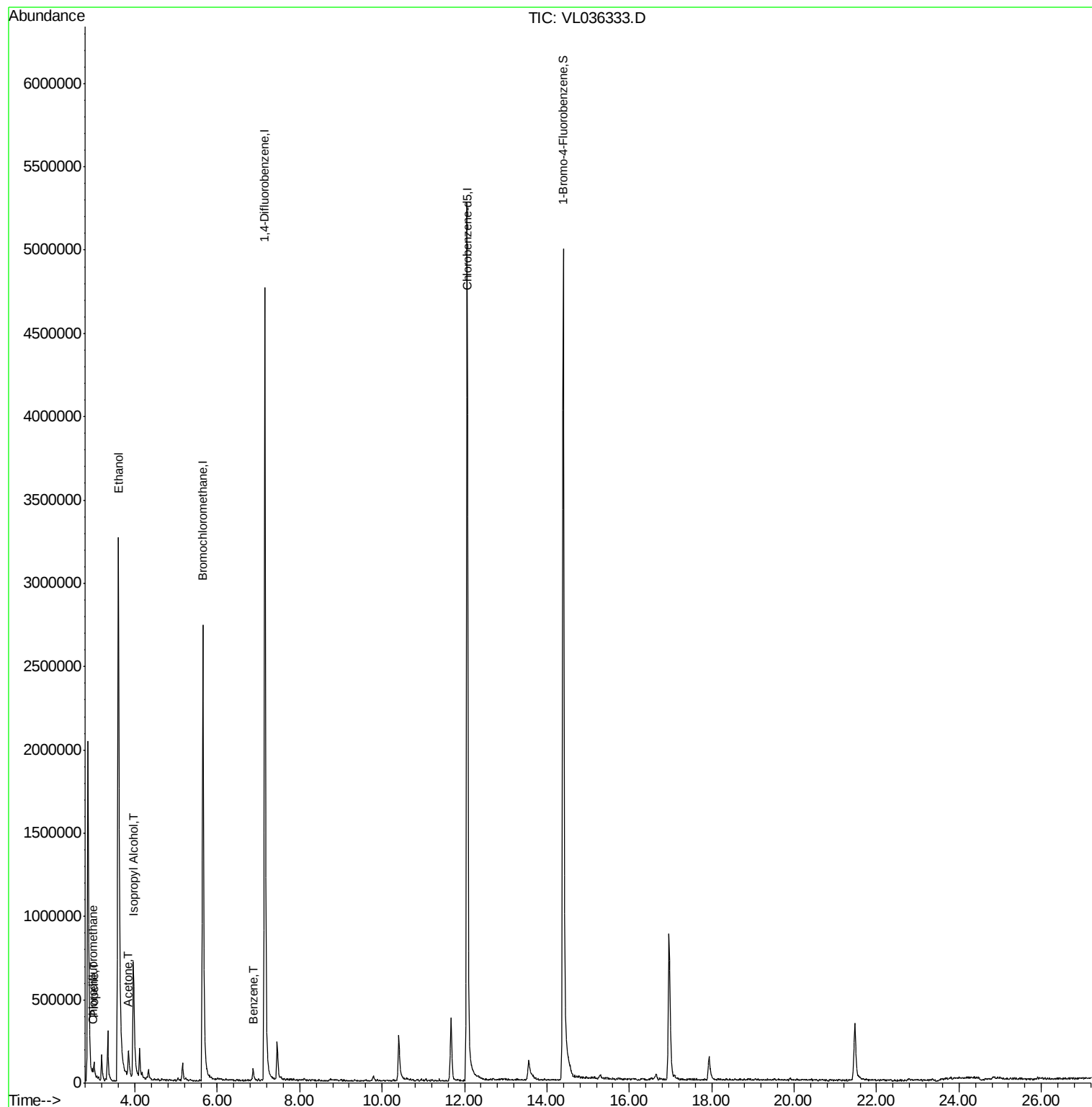
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL021021\
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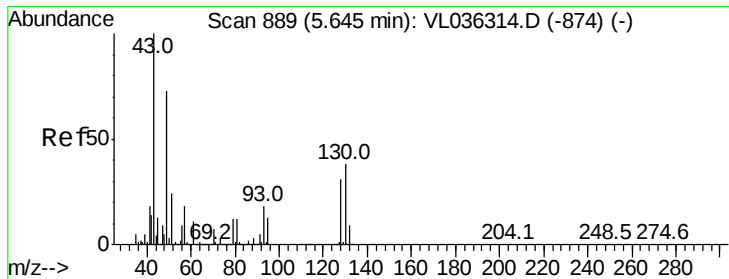
Instrument :
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ClientSampleId :
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QLast Update : Wed Feb 10 16:04:02 2021
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#1

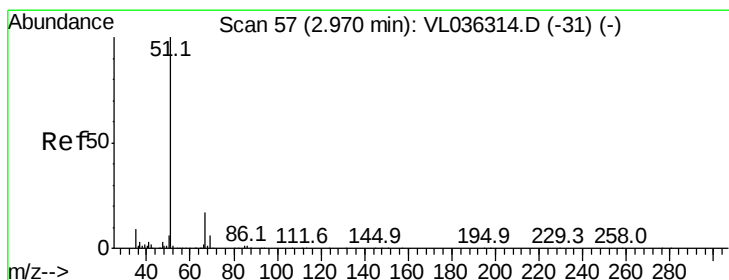
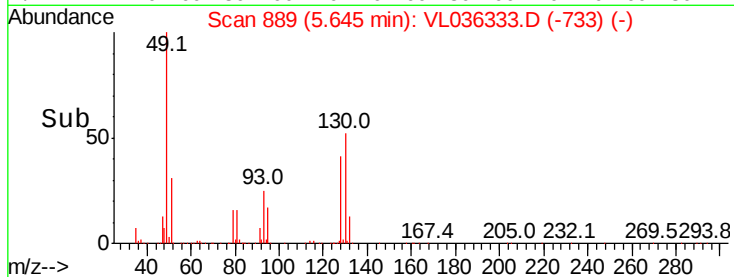
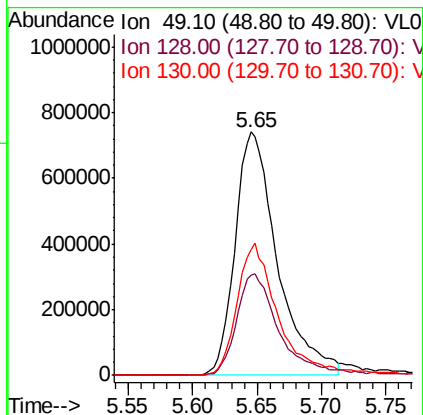
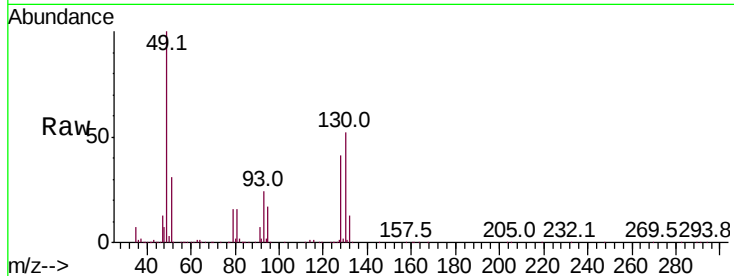
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 889
Delta R.T. 0.00 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Instrument :
MSVOA_L
ClientSampleId :
SR-6BDL

Tot Ion	Ratio	Lower	Upper
49	100		
128	42.8	20.8	62.5
130	53.6	26.7	80.1

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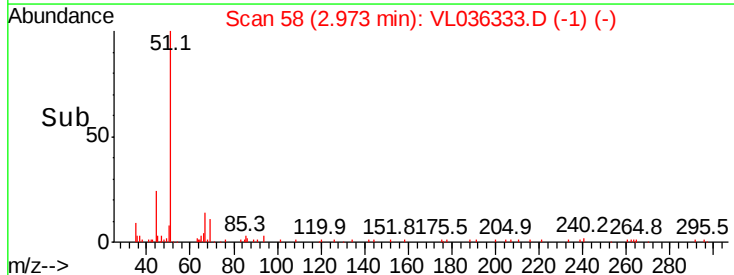
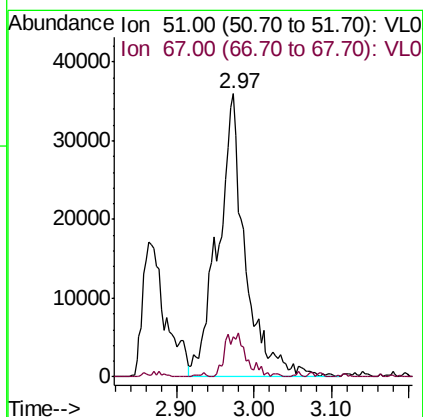
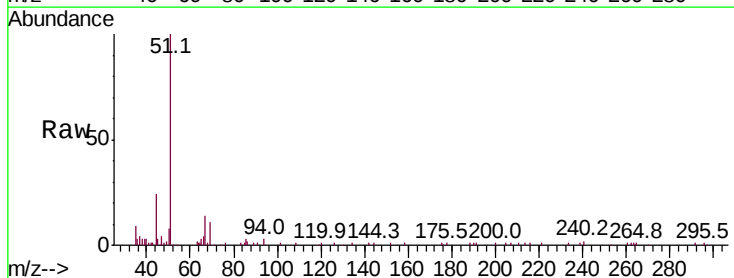
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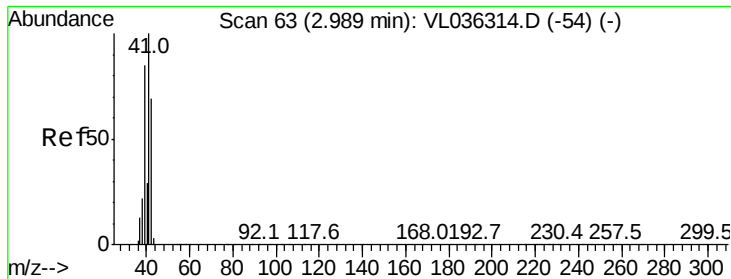


#3

Chlorodifluoromethane
Concen: 0.417 ppbv
RT: 2.97 min Scan# 58
Delta R.T. 0.00 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Tgt Ion	Ratio	Lower	Upper
51	100		
67	12.1	14.7	22.1





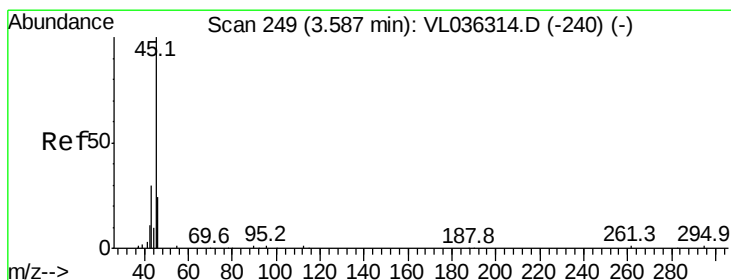
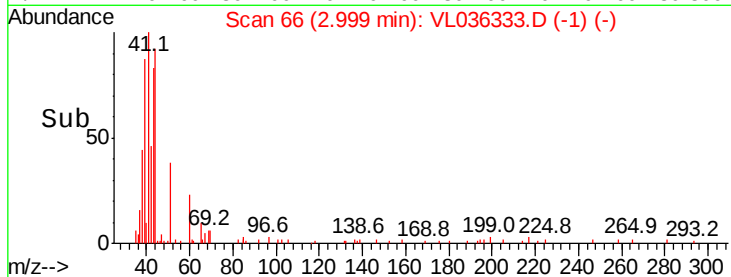
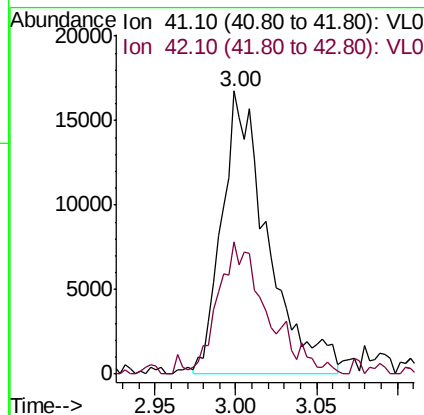
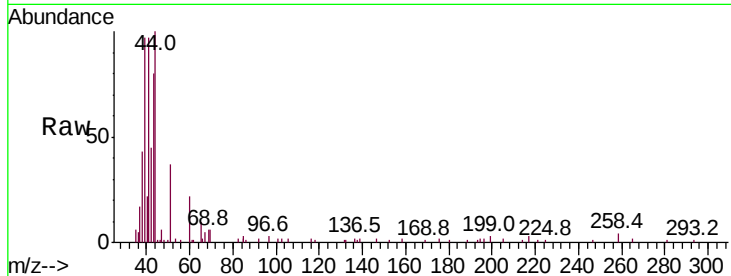
#9
Propene
Concen: 0.421 ppbv m
RT: 3.00 min Scan# 66
Delta R.T. 0.01 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Instrument :
MSVOA_L
ClientSampleId :
SR-6BDL

Tot Ion: 41 Resp: 33060
Ion Ratio Lower Upper
41 100
42 52.4 56.2 84.2#

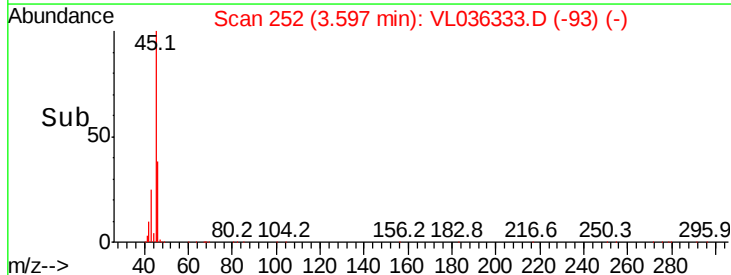
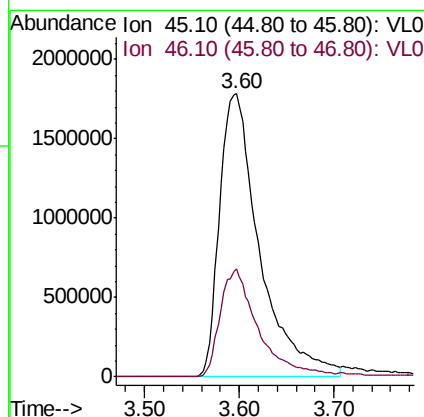
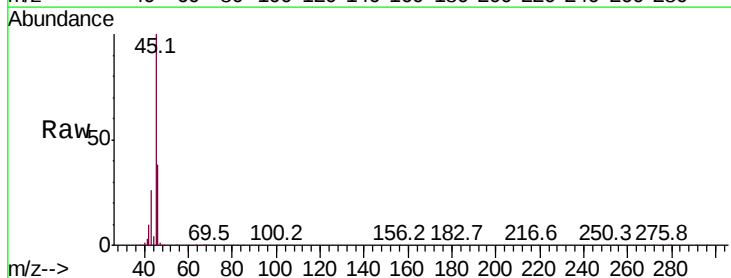
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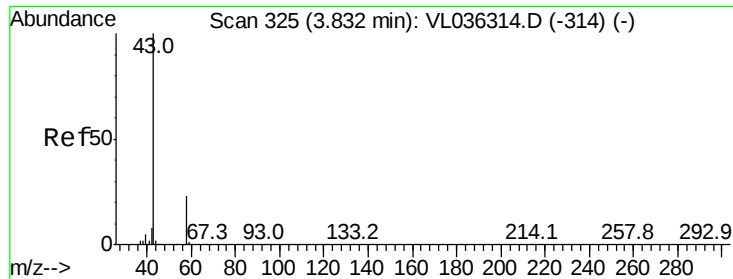
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#13
Ethanol
Concen: 357.700 ppbv
RT: 3.60 min Scan# 252
Delta R.T. 0.01 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Tgt Ion: 45 Resp: 5270624
Ion Ratio Lower Upper
45 100
46 38.3 17.7 70.7





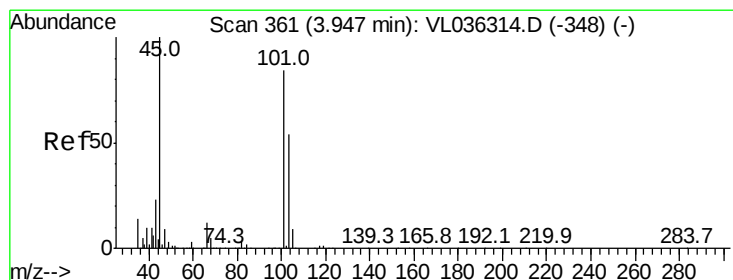
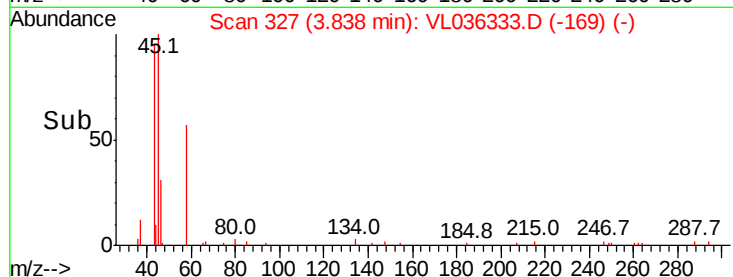
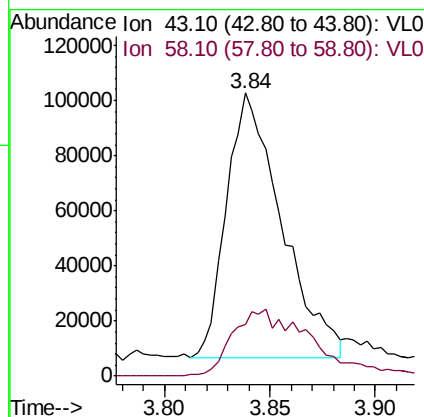
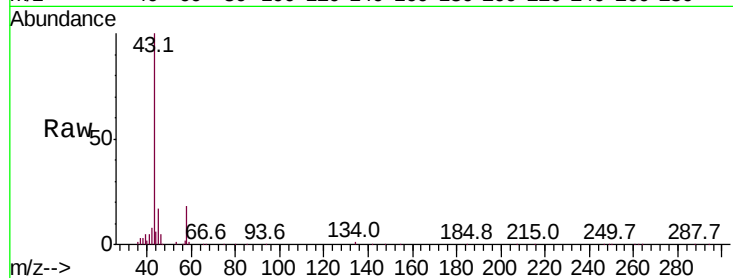
#15
Acetone
Concen: 0.851 ppbv
RT: 3.84 min Scan# 327
Delta R.T. 0.01 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Instrument :
MSVOA_L
ClientSampleId :
SR-6BDL

Tot Ion: 43 Resp: 176113
Ion Ratio Lower Upper
43 100
58 36.1 20.3 30.5#

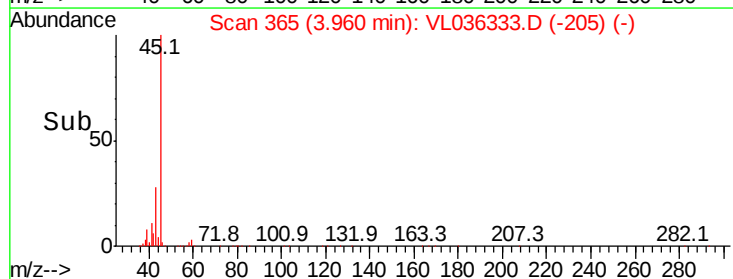
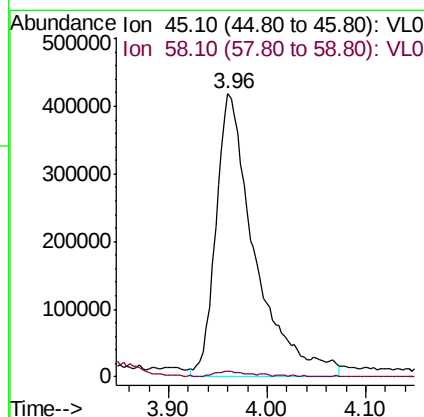
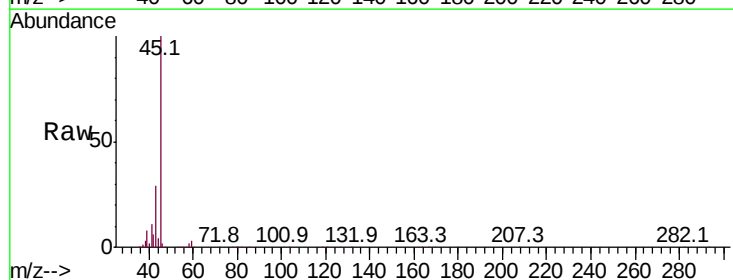
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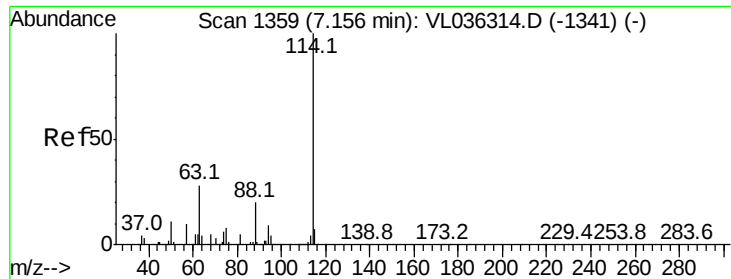
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#19
Isopropyl Alcohol
Concen: 10.081 ppbv m
RT: 3.96 min Scan# 365
Delta R.T. 0.01 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Tgt Ion: 45 Resp: 1156147
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.15 min Scan# 1358

Delta R.T. -0.00 min

Lab File: VL036333.D

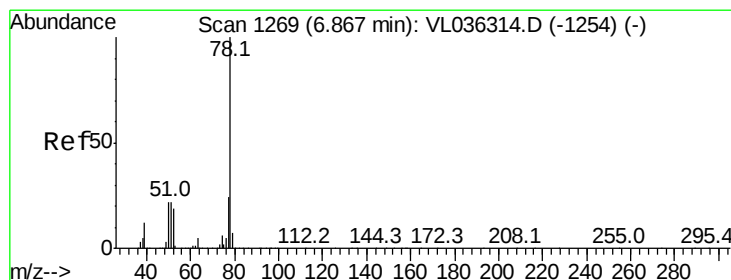
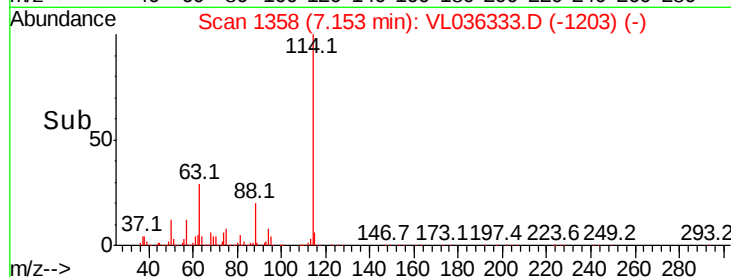
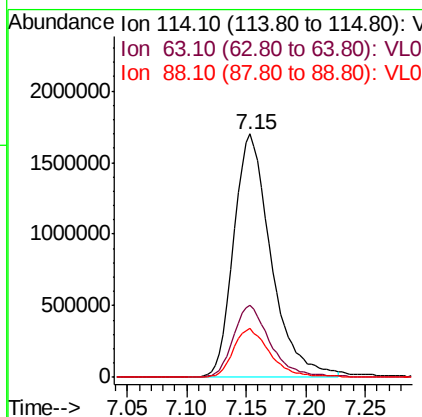
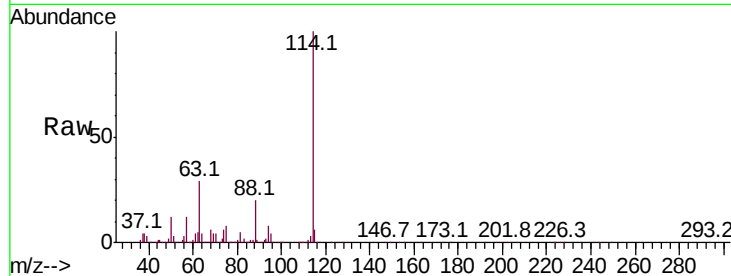
Acq: 11 Feb 2021 1:13

Instrument :
MSVOA_L
ClientSampleId :
SR-6BDL

Tot Ion	Ratio	Lower	Upper
114	100		
63	29.6	24.1	36.1
88	20.1	16.0	24.0

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#36

Benzene

Concen: 0.174 ppbv m

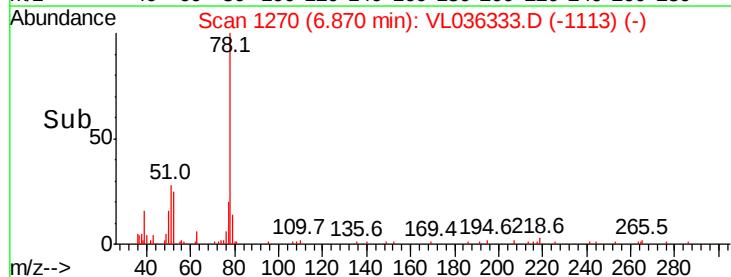
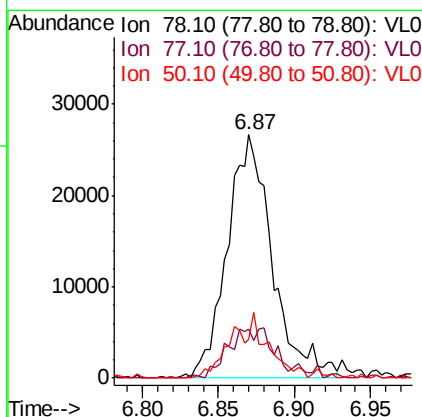
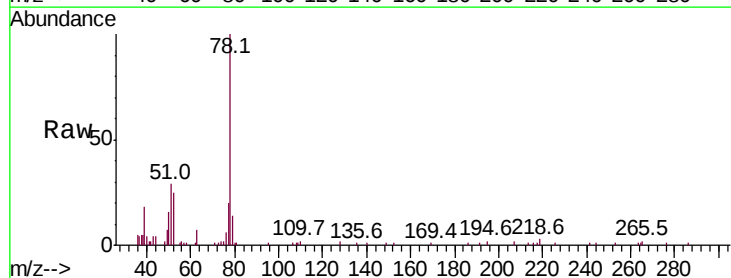
RT: 6.87 min Scan# 1270

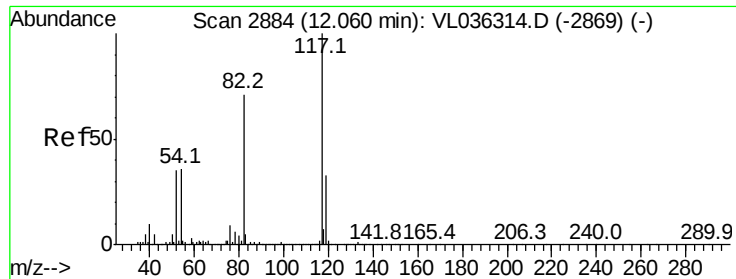
Delta R.T. 0.00 min

Lab File: VL036333.D

Acq: 11 Feb 2021 1:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	20.3	18.9	28.3
50	15.9	17.3	25.9#





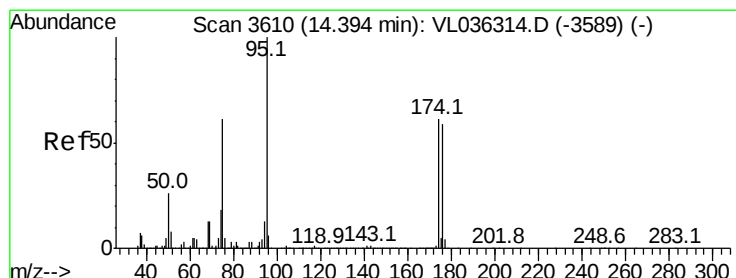
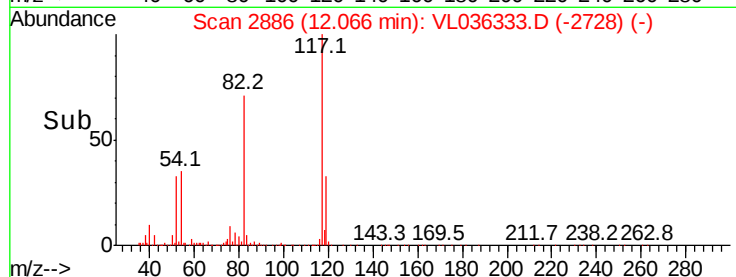
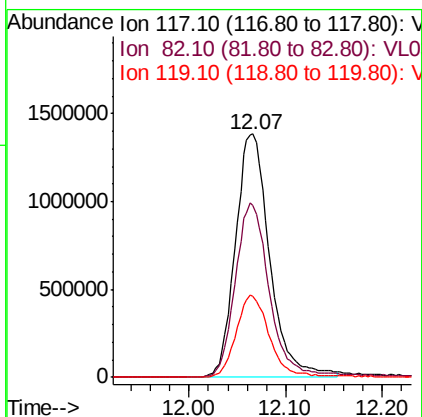
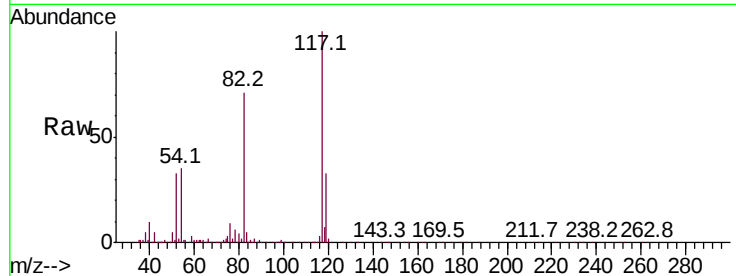
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. 0.01 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Instrument :
MSVOA_L
ClientSampleId :
SR-6BDL

Tot Ion	Ratio	Lower	Upper
117	100		
82	72.8	59.1	88.7
119	33.6	46.3	69.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.825 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL036333.D
Acq: 11 Feb 2021 1:13

Tgt Ion	Ratio	Lower	Upper
95	100		
174	63.2	49.8	74.6
175	4.6	3.7	5.5

