

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033021\
 Data File : VL036585.D
 Acq On : 31 Mar 2021 1:10
 Operator : SY/AP
 Sample : M1797-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-13(2021)DL

Manual Integrations
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 4/1/2021 10:59:44 AM

Quant Time: Mar 31 07:58:20 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1296721	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3113251	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	2761859	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2158260	9.80	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.01	41	13034m	0.169	ppbv	
13) Ethanol	3.60	45	110779	12.044	ppbv	94
15) Acetone	3.84	43	184860	1.448	ppbv	# 68
20) Methylene Chloride	4.33	84	28059m	0.470	ppbv	
26) Hexane	5.67	57	30996m	0.220	ppbv	
30) Cyclohexane	7.16	84	17249m	0.151	ppbv	
32) 1,1,1-Trichloroethane	6.49	97	13820m	0.061	ppbv	
34) 2-Butanone	5.25	43	20592m	0.136	ppbv	
52) Tetrachloroethene	11.20	164	21554m	0.204	ppbv	

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

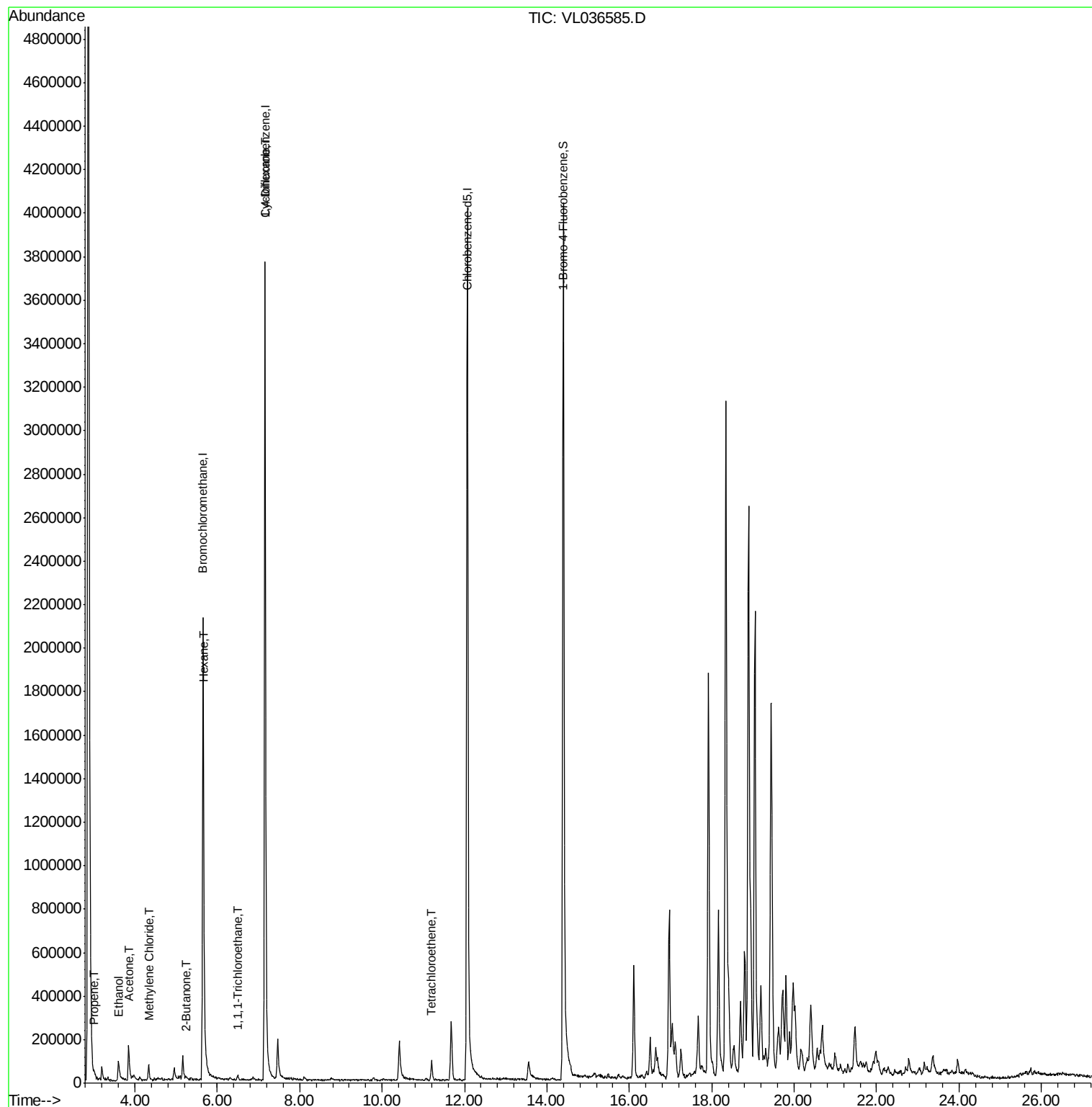
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL033021\
Data File : VL036585.D
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Operator : SY/AP
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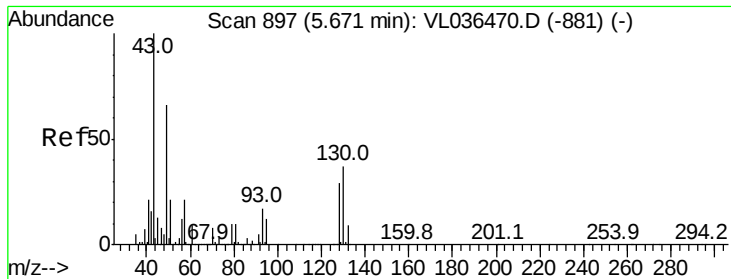
Instrument :
MSVOA_L
ClientSampleId :
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4/1/2021 10:59:44 AM

Quant Time: Mar 31 07:58:20 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar
QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.02 min

Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

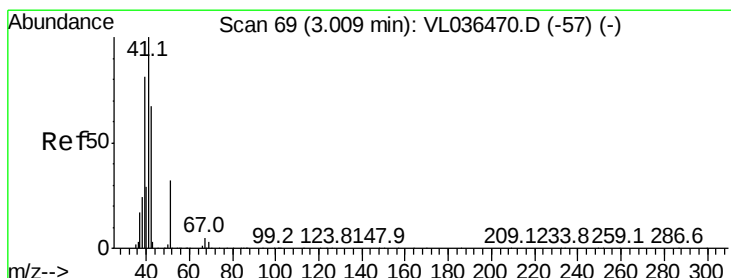
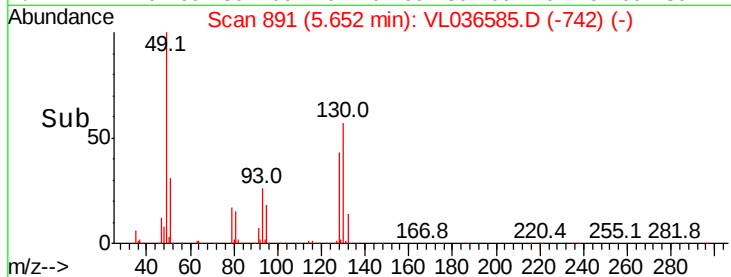
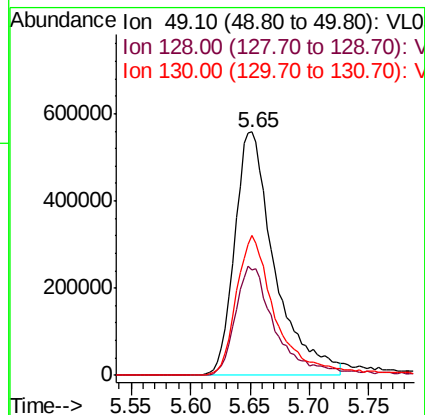
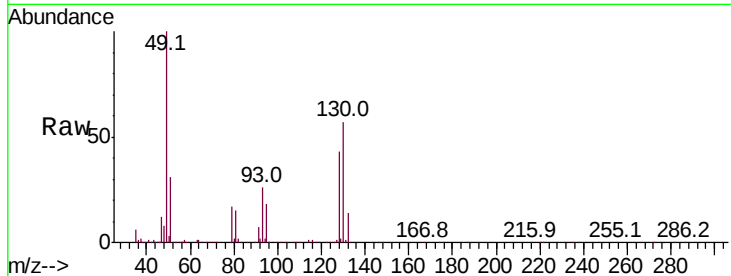
Instrument :
MSVOA_L
ClientSampleId :
MF-SG-13(2021)DL

Tot Ion: 49 Resp: 1296721

Ion	Ratio	Lower	Upper
49	100		
128	46.8	23.5	70.6
130	58.0	29.1	87.4

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#9

Propene

Concen: 0.169 ppbv m

RT: 3.01 min Scan# 70

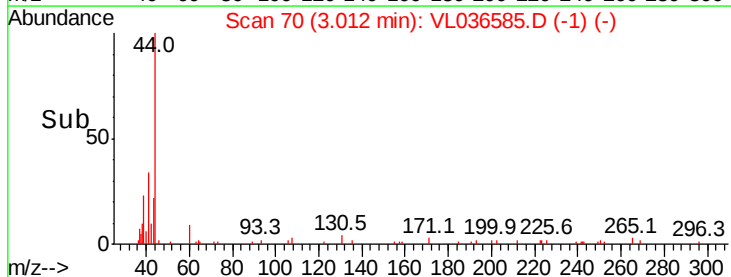
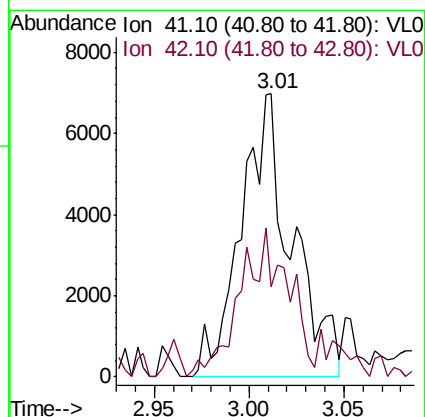
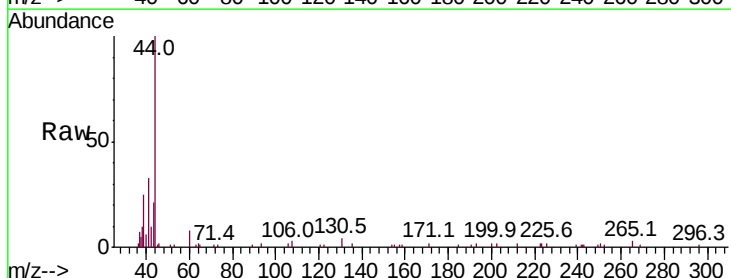
Delta R.T. 0.00 min

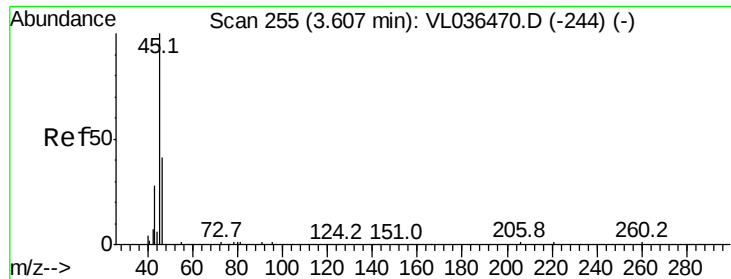
Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

Tgt Ion: 41 Resp: 13034

Ion	Ratio	Lower	Upper
41	100		
42	0.0	57.0	85.4





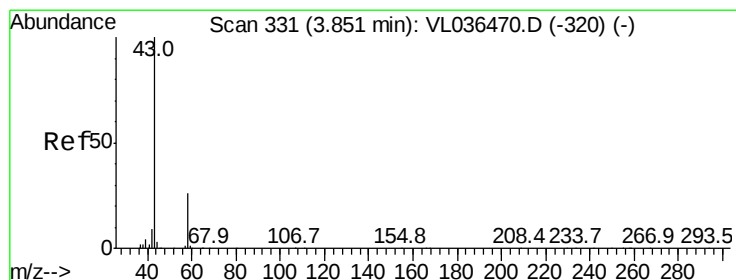
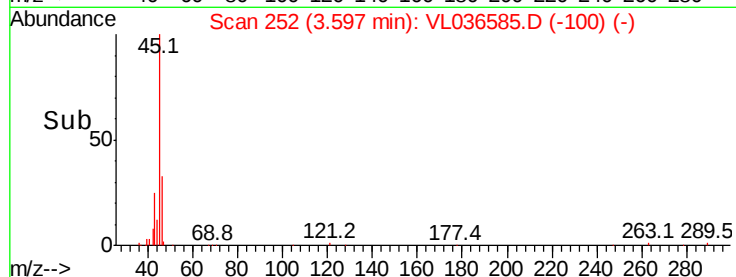
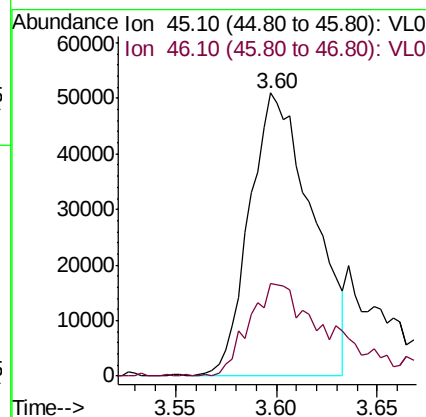
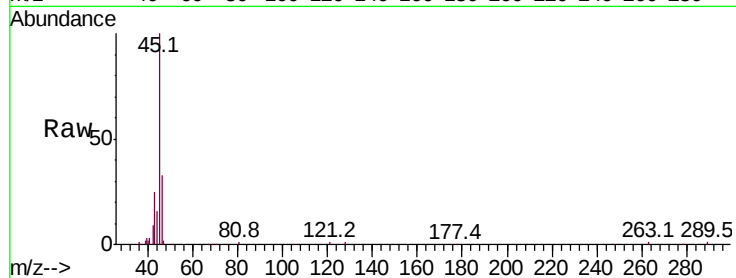
#13
Ethanol
Concen: 12.044 ppbv
RT: 3.60 min Scan# 252
Delta R.T. -0.01 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-13(2021)DL

Tot Ion: 45 Resp: 110779
Ion Ratio Lower Upper
45 100
46 45.0 16.6 66.2

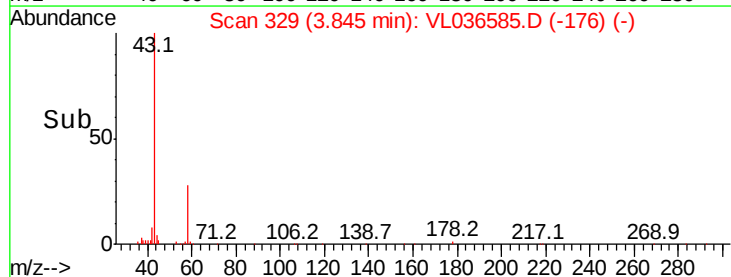
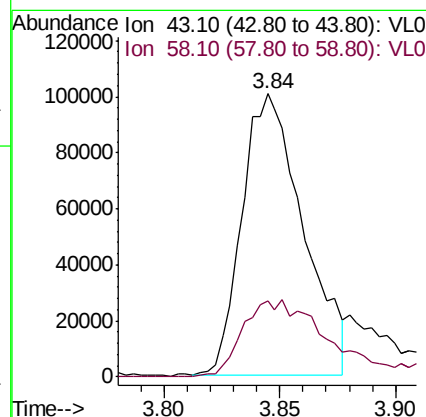
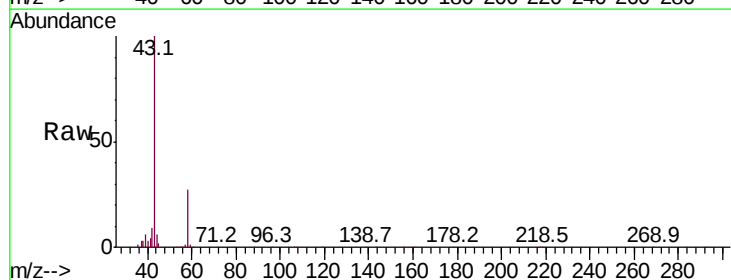
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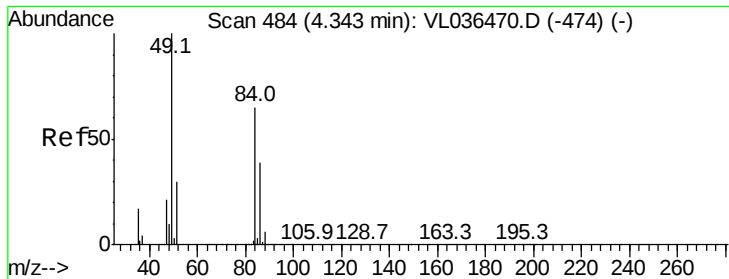
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#15
Acetone
Concen: 1.448 ppbv
RT: 3.84 min Scan# 329
Delta R.T. -0.01 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Tgt Ion: 43 Resp: 184860
Ion Ratio Lower Upper
43 100
58 43.1 21.2 31.8#





#20

Methylene Chloride

Concen: 0.470 ppbv m

RT: 4.33 min Scan# 480

Delta R.T. -0.01 min

Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

Instrument :

MSVOA_L

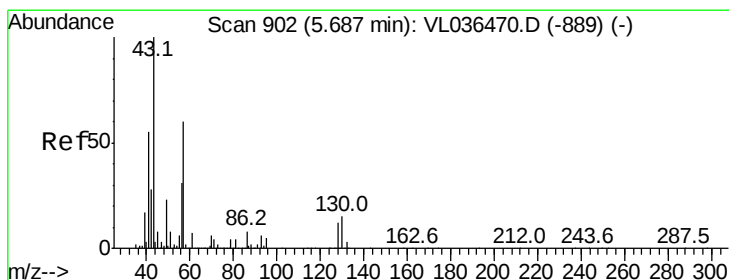
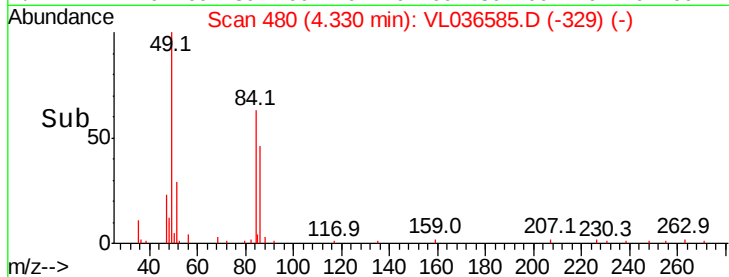
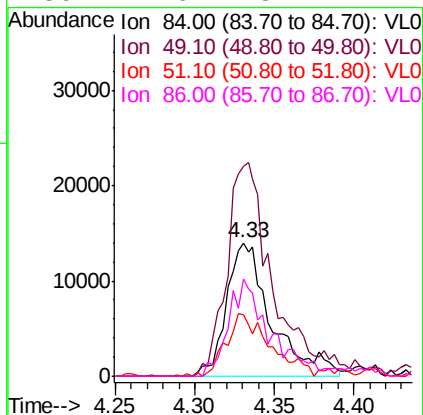
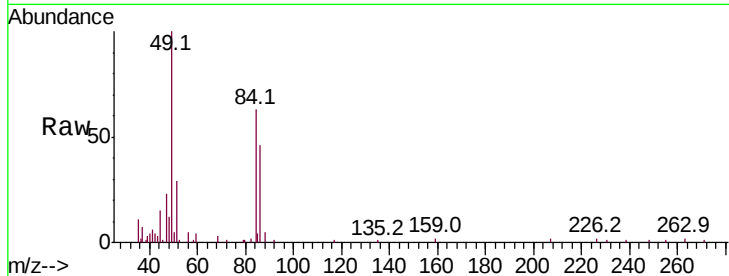
ClientSampleId :

MF-SG-13(2021)DL

Tot Ion	84	Resp	28059
Ion	Ratio	Lower	Upper
84	100		
49	157.7	122.9	184.3
51	46.4	36.9	55.3
86	72.6	48.2	72.4#

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#26

Hexane

Concen: 0.220 ppbv m

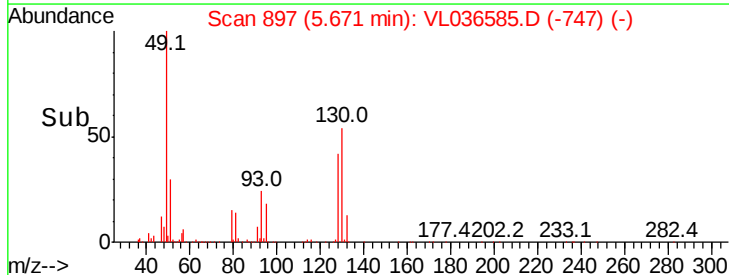
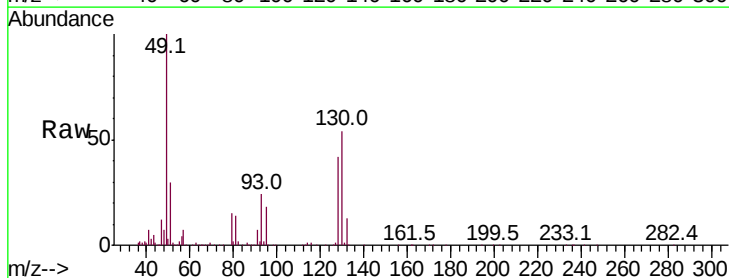
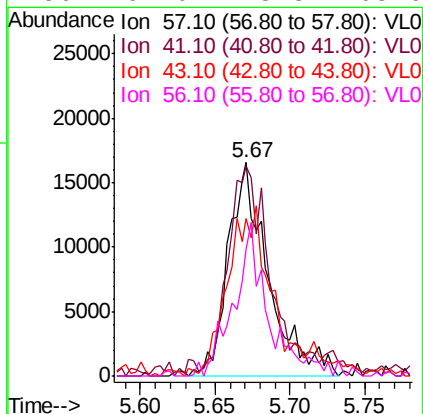
RT: 5.67 min Scan# 897

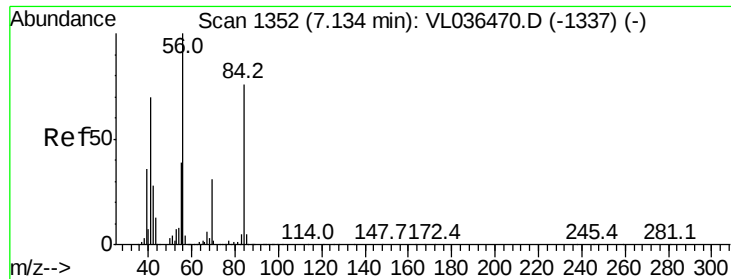
Delta R.T. -0.02 min

Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

Tgt Ion	57	Resp	30996
Ion	Ratio	Lower	Upper
57	100		
41	0.0	77.2	115.8#
43	94.8	173.8	260.6#
56	62.0	43.8	65.6





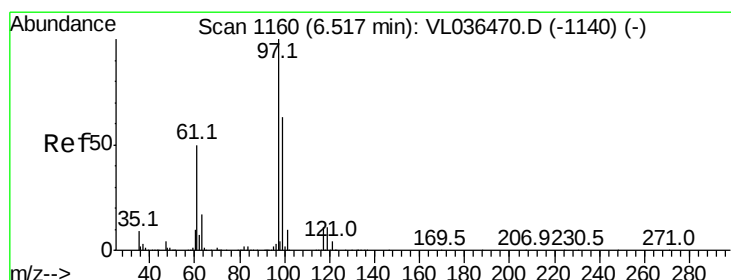
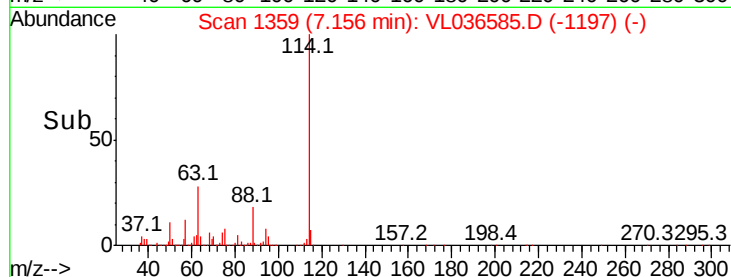
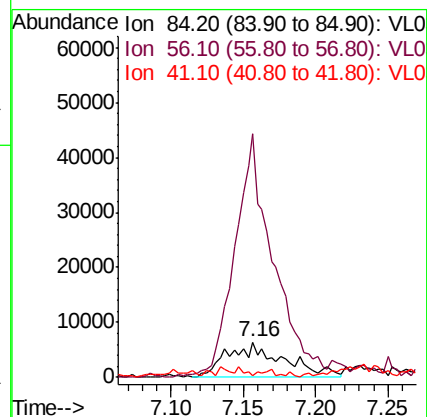
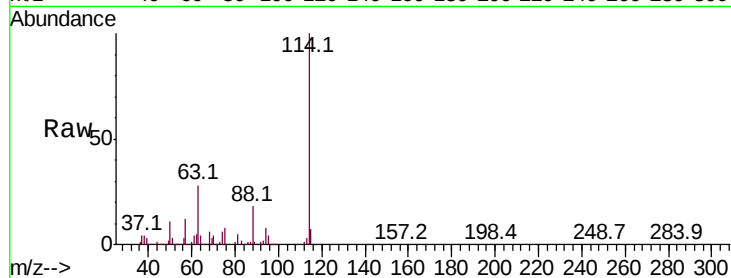
#30
Cvclohexane
Concen: 0.151 ppbv m
RT: 7.16 min Scan# 1359
Delta R.T. 0.02 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-13(2021)DL

Tot Ion	Ratio	Lower	Upper
84	100		
56	0.0	114.6	171.8#
41	0.0	75.3	112.9#

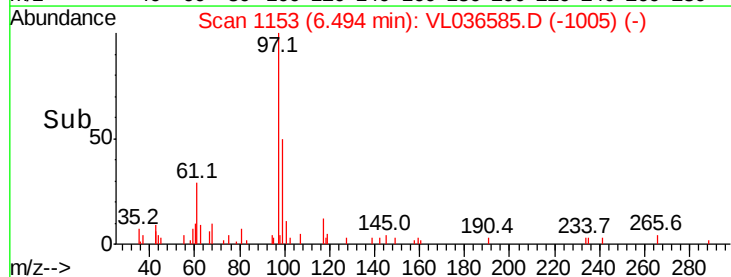
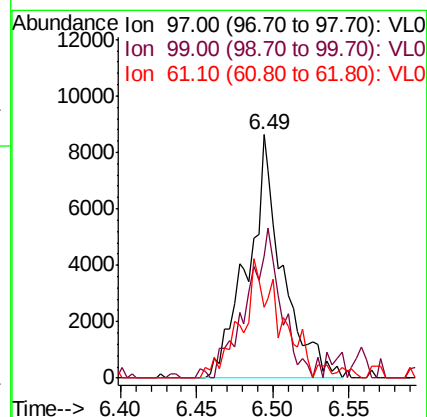
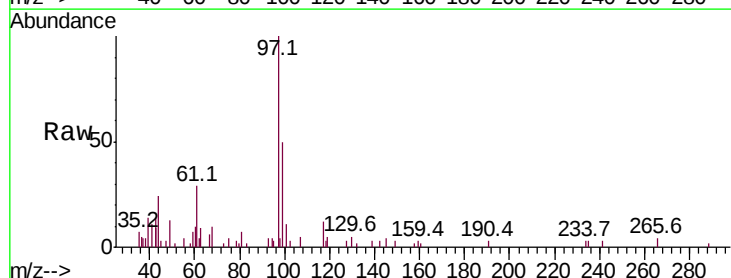
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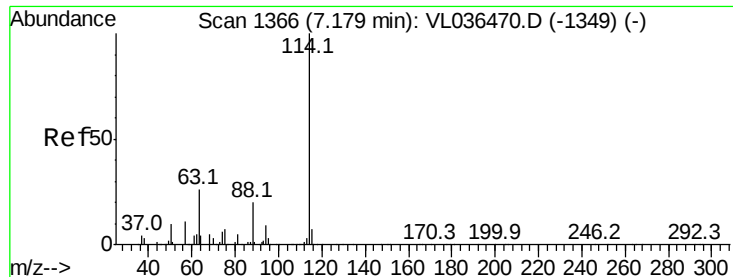
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#32
1,1,1-Trichloroethane
Concen: 0.061 ppbv m
RT: 6.49 min Scan# 1153
Delta R.T. -0.02 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Tgt Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.4	77.0
61	55.7	40.6	60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

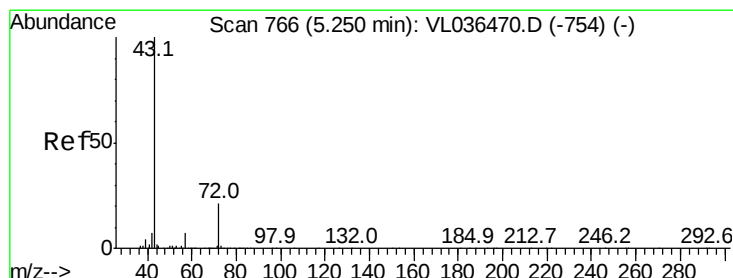
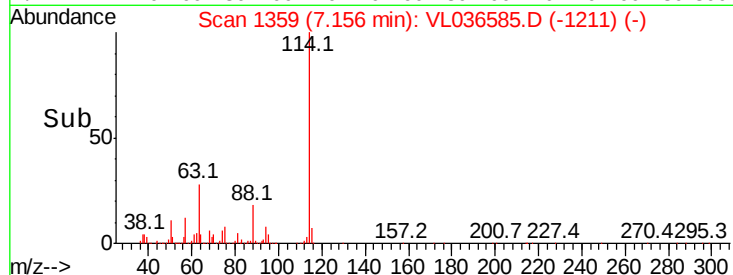
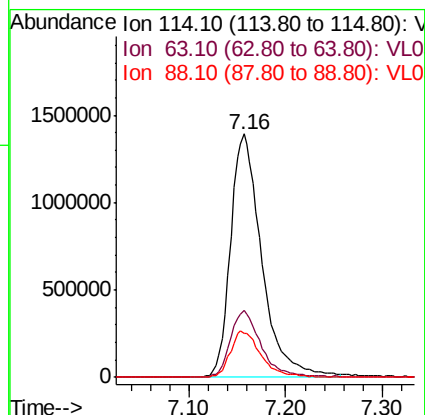
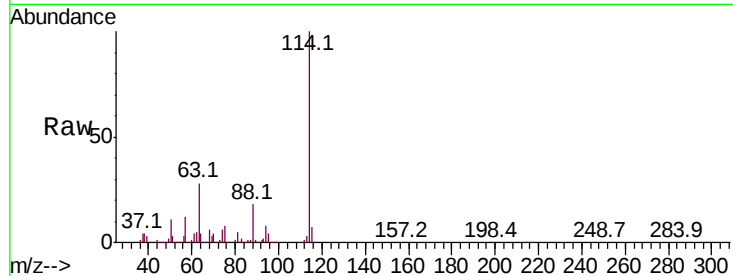
Instrument :
MSVOA_L

ClientSampleId :
MF-SG-13(2021)DL

Tot Ion	Ratio	Lower	Upper
114	100		
63	27.5	22.4	33.6
88	18.9	15.4	23.0

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#34

2-Butanone

Concen: 0.136 ppbv m

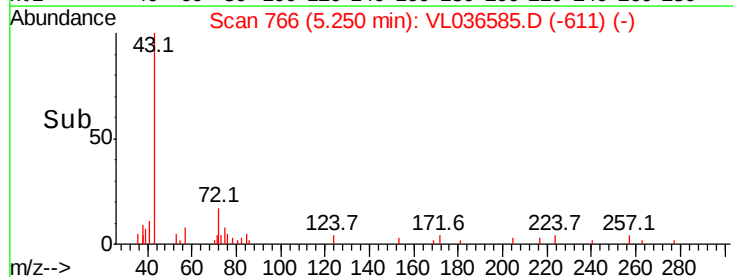
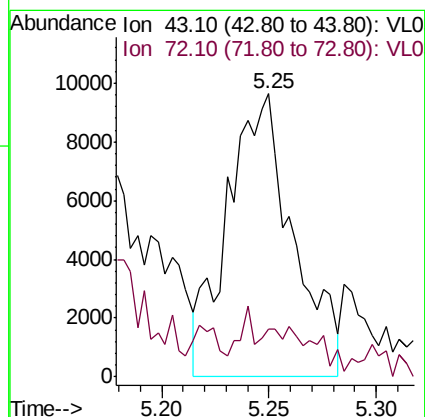
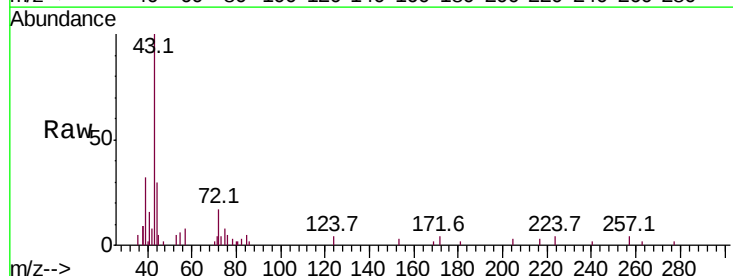
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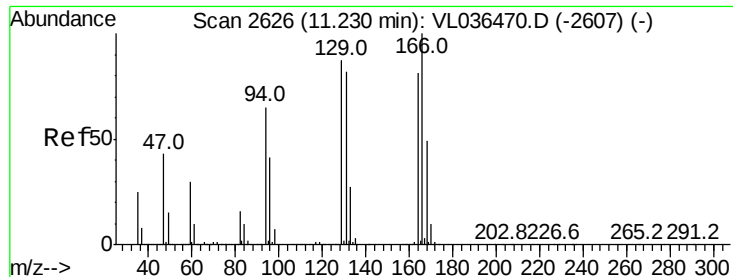
Delta R.T. -0.00 min

Lab File: VL036585.D

Acq: 31 Mar 2021 1:10

Tgt Ion	Ratio	Lower	Upper
43	100		
72	22.2	17.0	25.6





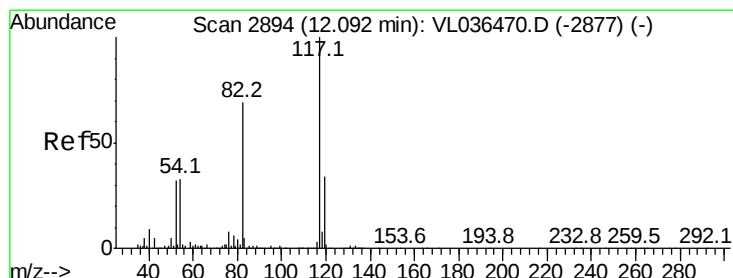
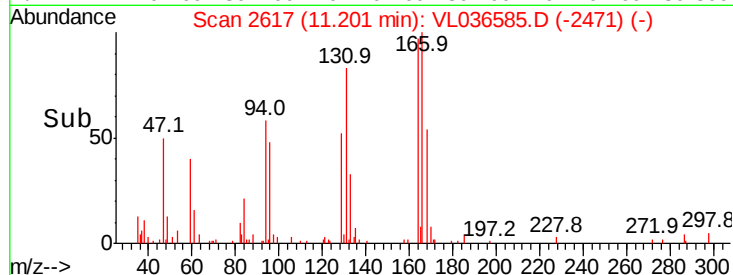
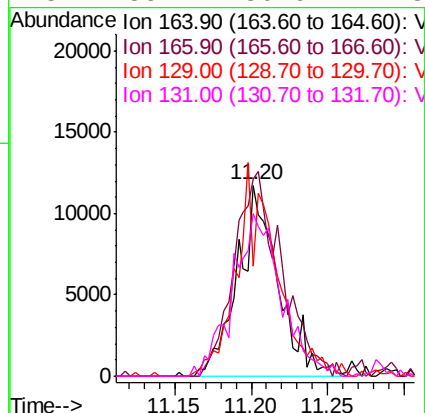
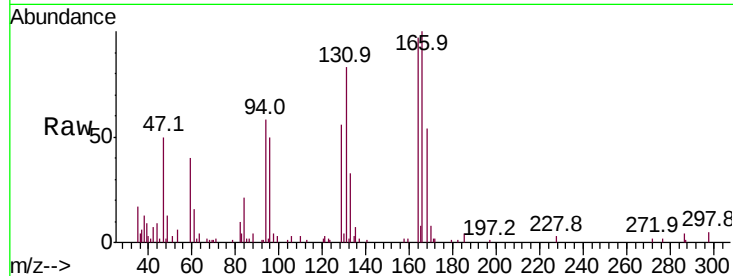
#52
Tetrachloroethene
Concen: 0.204 ppbv m
RT: 11.20 min Scan# 2617
Delta R.T. -0.03 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Instrument :
MSVOA_L
ClientSampleId :
MF-SG-13(2021)DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	103.1	98.3	147.5
129	57.6	85.8	128.8#
131	85.1	80.9	121.3

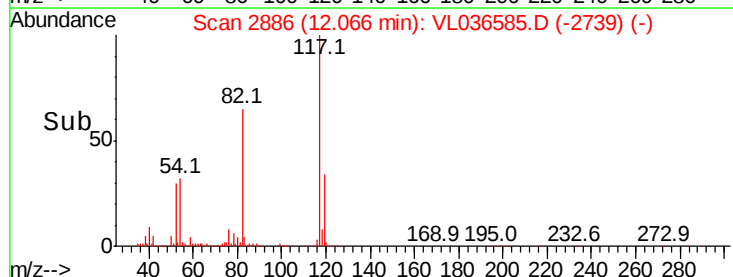
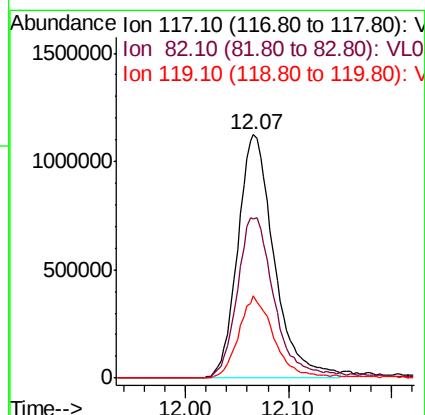
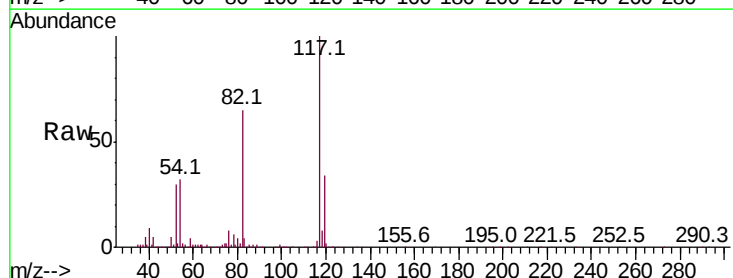
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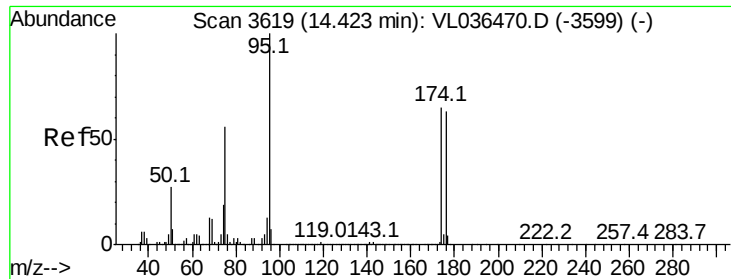
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.03 min
Lab File: VL036585.D
Acq: 31 Mar 2021 1:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	69.9	57.4	86.0
119	33.9	47.4	71.0#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.805 ppbv
 RT: 14.40 min Scan# 3611
 Delta R.T. -0.03 min
 Lab File: VL036585.D
 Acq: 31 Mar 2021 1:10

Instrument :
 MSVOA_L
 ClientSampleId :
 MF-SG-13(2021)DL

Tot Ion: 95 Resp: 2158260
 Ion Ratio Lower Upper
 95 100
 174 66.4 51.0 76.6
 175 4.8 3.9 5.9

Manual Integrations
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