

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040721\
 Data File : VL036742.D
 Acq On : 8 Apr 2021 1:18
 Operator : SY/AP
 Sample : M1929-09DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03DL

Manual Integrations
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 4/12/2021 11:16:38 AM

Quant Time: Apr 08 04:48:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr 08 04:48:40 2021
 QLast Update : Thu Apr 08 01:58:43 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1197646	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2997155	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	2452772	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1919808	9.82	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	24387m	0.342	ppbv	
13) Ethanol	3.62	45	25938m	3.053	ppbv	
15) Acetone	3.85	43	147375	1.250	ppbv #	78
19) Isopropyl Alcohol	3.99	45	76030m	1.173	ppbv	
20) Methylene Chloride	4.34	84	63712m	1.154	ppbv	
26) Hexane	5.68	57	38695	0.298	ppbv #	43
52) Tetrachloroethene	11.22	164	4347m	0.043	ppbv	
53) Toluene	9.80	91	214537	0.729	ppbv	97
59) m/p-Xylene	12.96	91	31593m	0.102	ppbv	

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

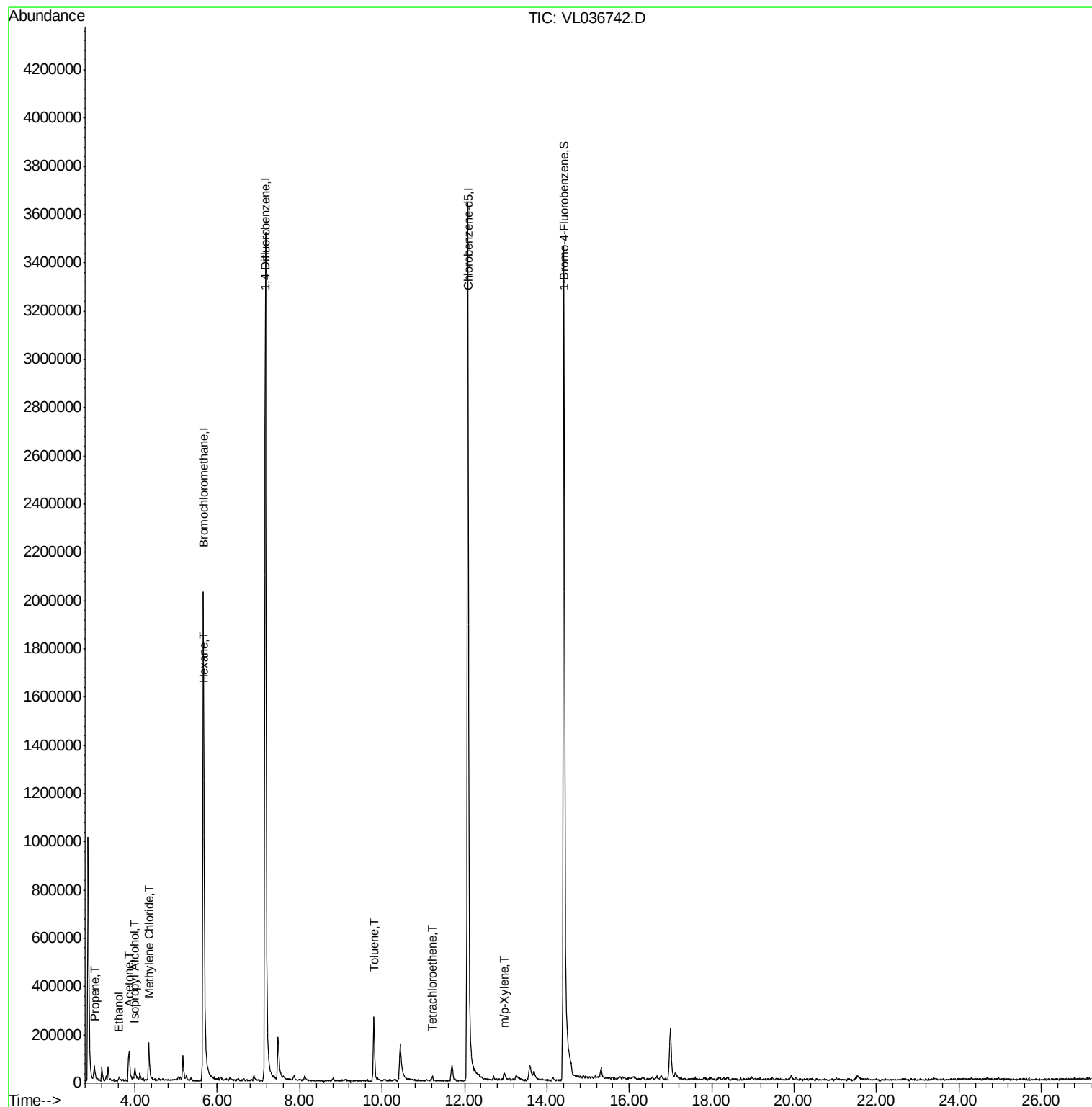
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040721\
Data File : VL036742.D
Acq On : 8 Apr 2021 1:18
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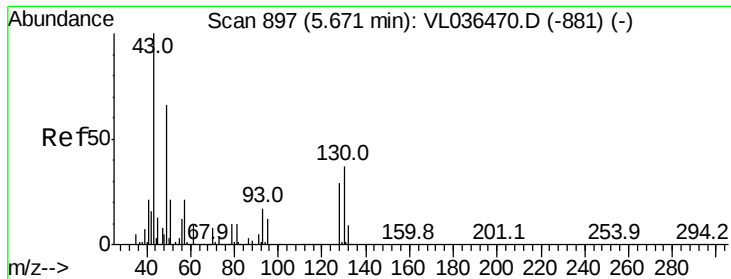
Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03DL

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Quant Time: Apr 08 04:48:40 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Apr
QLast Update : Thu Apr 08 01:58:43 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

Lab File: VL036742.D

Acq: 8 Apr 2021 1:18

Instrument :

MSVOA_L

ClientSampleId :

FS-IA-03DL

Tot Ion: 49 Resp: 1197646

Ion Ratio Lower Upper

49 100

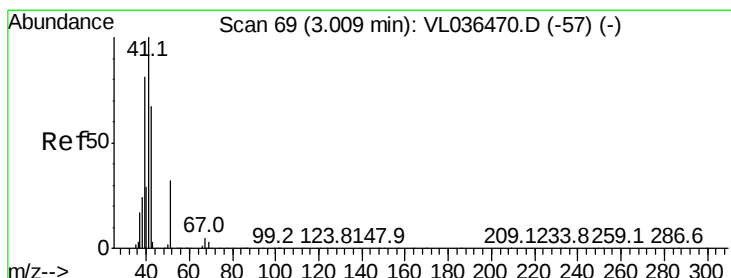
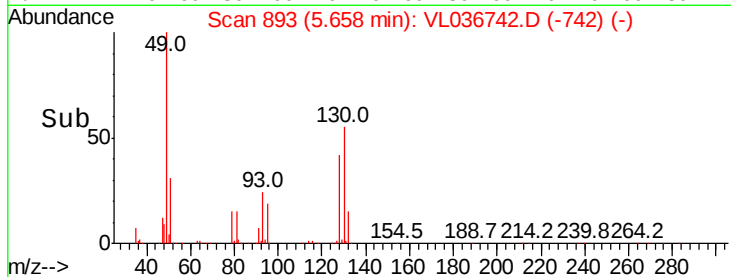
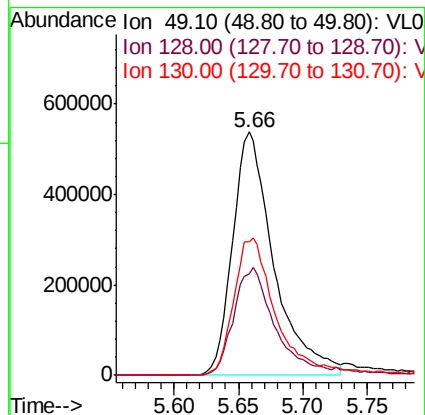
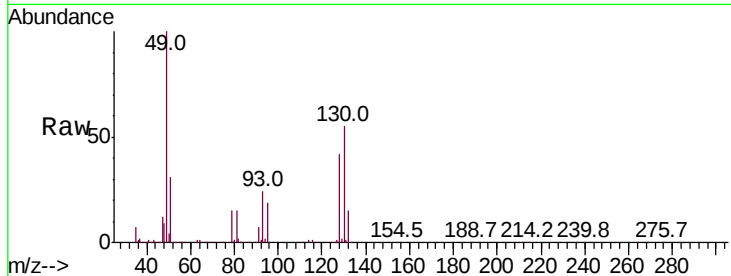
128 46.4 23.5 70.6

130 60.8 29.1 87.4

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#9

Propene

Concen: 0.342 ppbv m

RT: 3.02 min Scan# 71

Delta R.T. 0.01 min

Lab File: VL036742.D

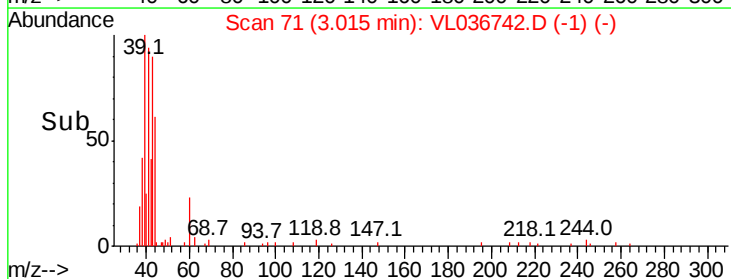
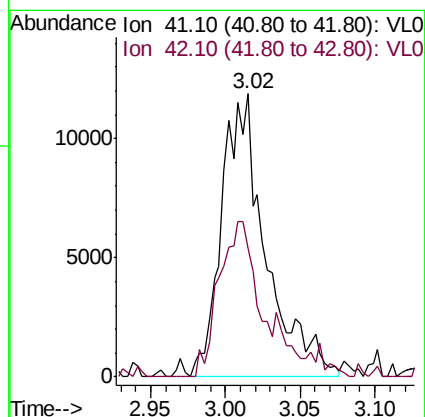
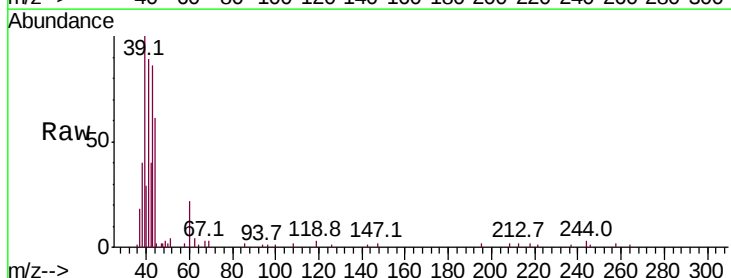
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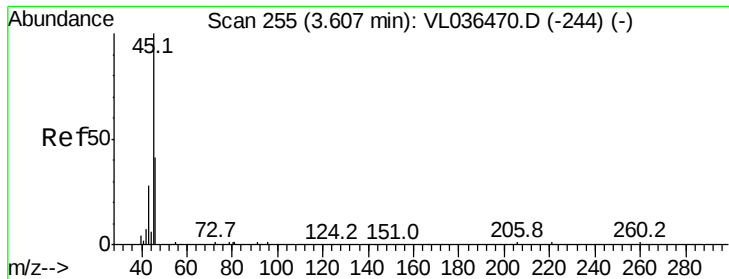
Tgt Ion: 41 Resp: 24387

Ion Ratio Lower Upper

41 100

42 38.3 57.0 85.4#





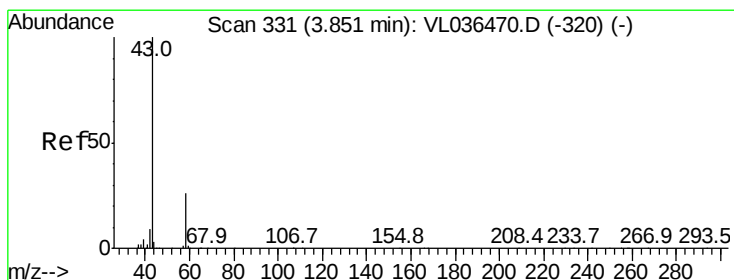
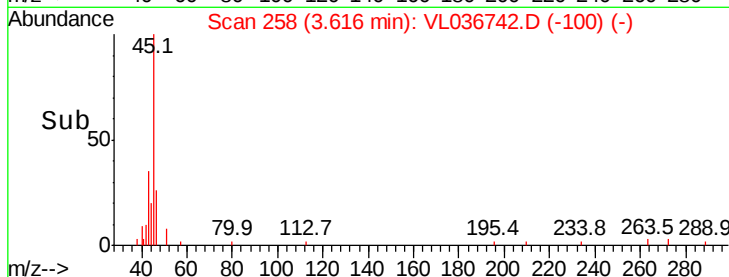
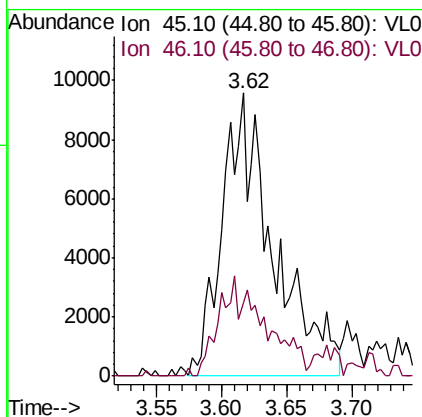
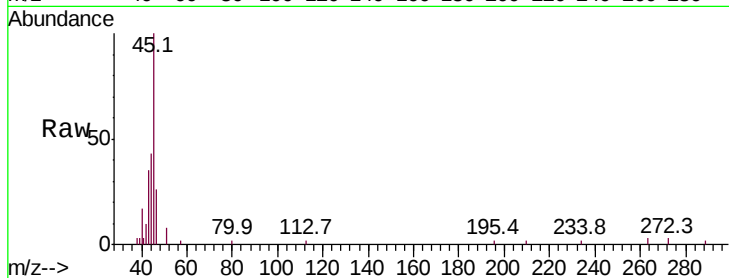
#13
Ethanol
Concen: 3.053 ppbv m
RT: 3.62 min Scan# 258
Delta R.T. 0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03DL

Tot Ion: 45 Resp: 25938
Ion Ratio Lower Upper
45 100
46 0.0 16.6 66.2#

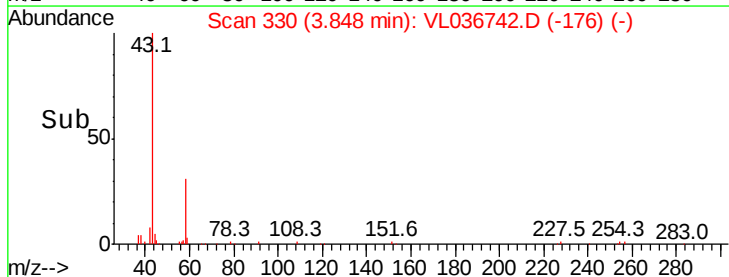
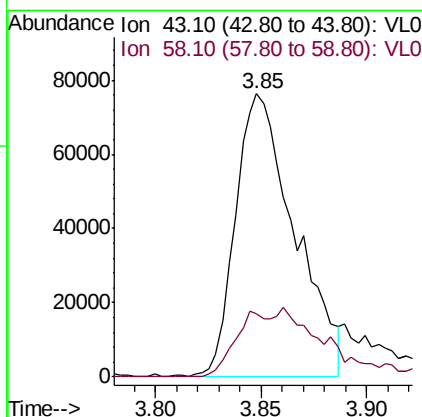
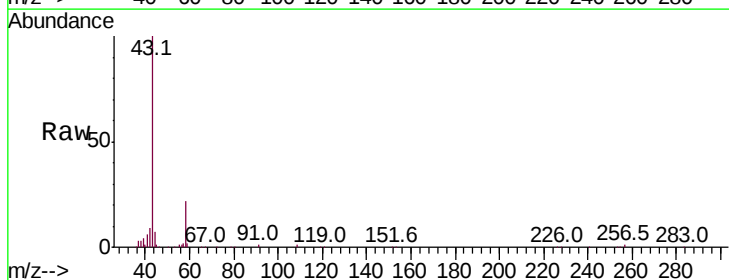
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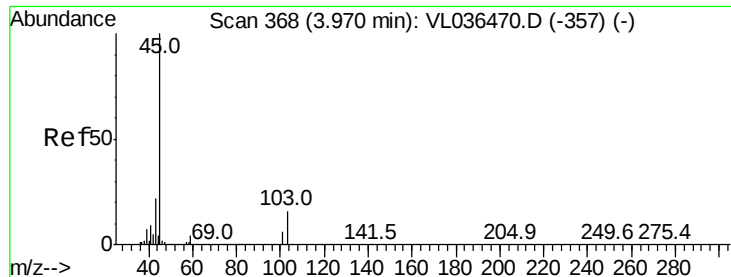
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#15
Acetone
Concen: 1.250 ppbv
RT: 3.85 min Scan# 330
Delta R.T. -0.00 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Tgt Ion: 43 Resp: 147375
Ion Ratio Lower Upper
43 100
58 37.8 21.2 31.8#





#19

Isopropyl Alcohol

Concen: 1.173 ppbv m

RT: 3.99 min Scan# 375

Delta R.T. 0.02 min

Lab File: VL036742.D

Acq: 8 Apr 2021 1:18

Instrument :

MSVOA_L

ClientSampleID :

FS-IA-03DL

Tot Ion: 45 Resp: 76030

Ion Ratio Lower Upper

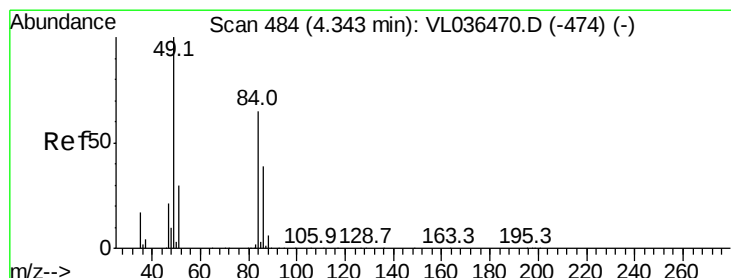
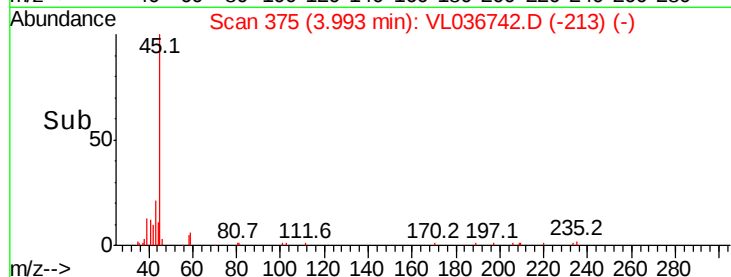
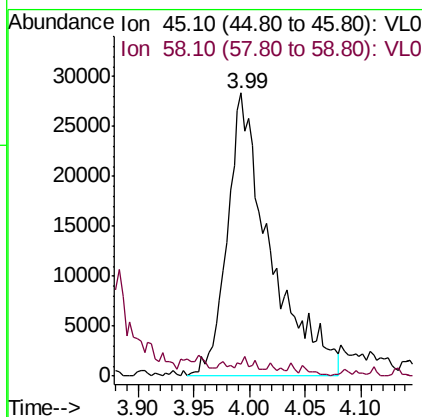
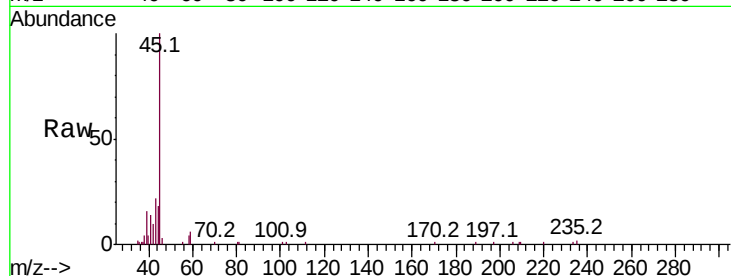
45 100

58 5.5 2.9 4.3#

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#20

Methylene Chloride

Concen: 1.154 ppbv m

RT: 4.34 min Scan# 484

Delta R.T. -0.00 min

Lab File: VL036742.D

Acq: 8 Apr 2021 1:18

Tgt Ion: 84 Resp: 63712

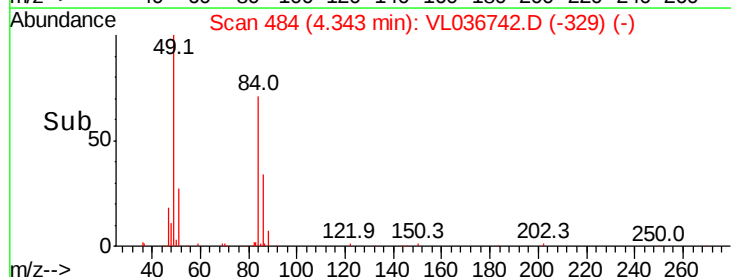
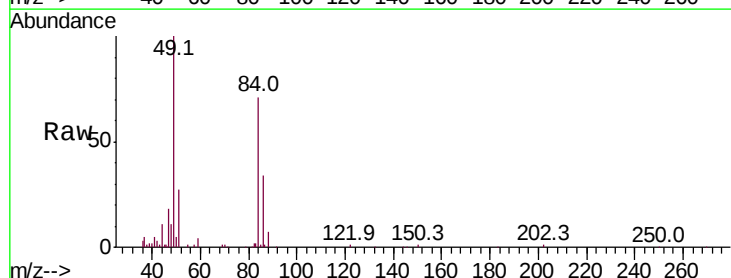
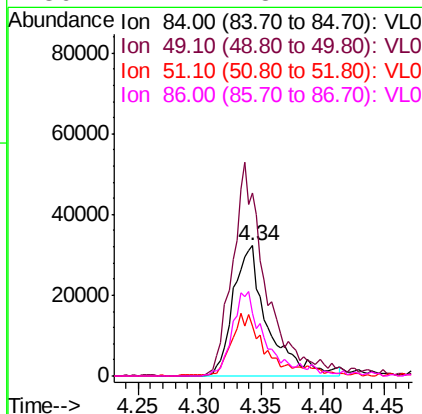
Ion Ratio Lower Upper

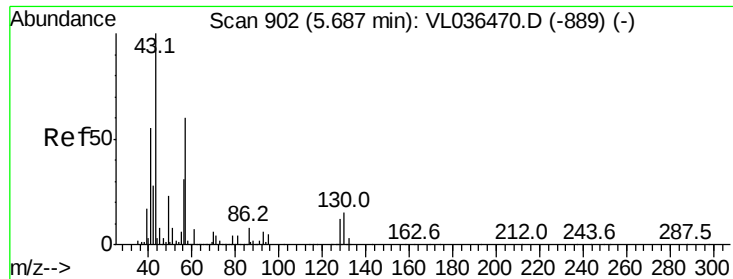
84 100

49 140.7 122.9 184.3

51 38.7 36.9 55.3

86 47.7 48.2 72.4#





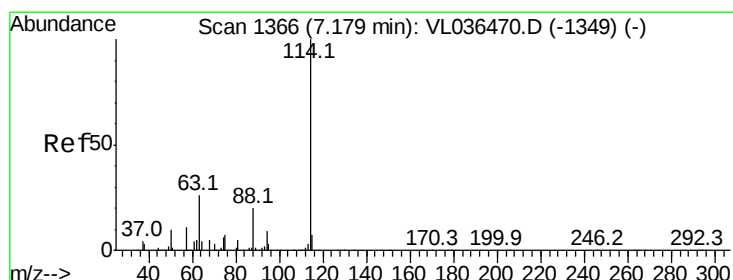
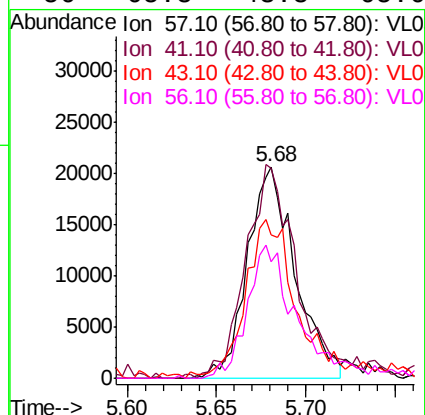
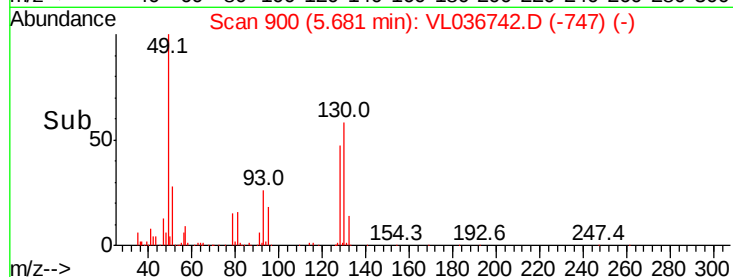
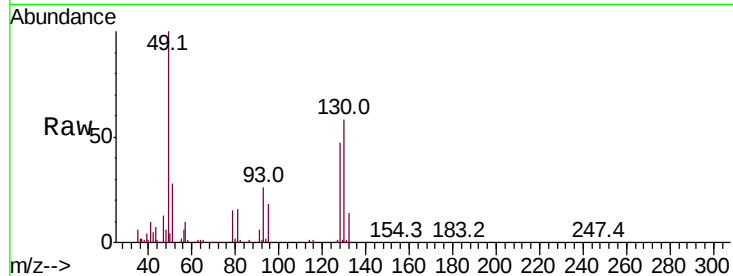
#26
Hexane
Concen: 0.298 ppbv
RT: 5.68 min Scan# 900
Delta R.T. -0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03DL

Tot Ion	Ratio	Lower	Upper
57	100		
41	111.4	77.2	115.8
43	80.8	173.8	260.6#
56	65.8	43.8	65.6#

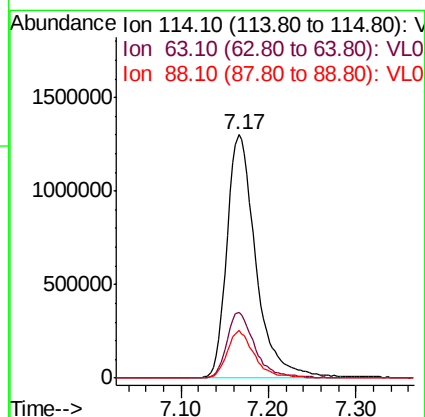
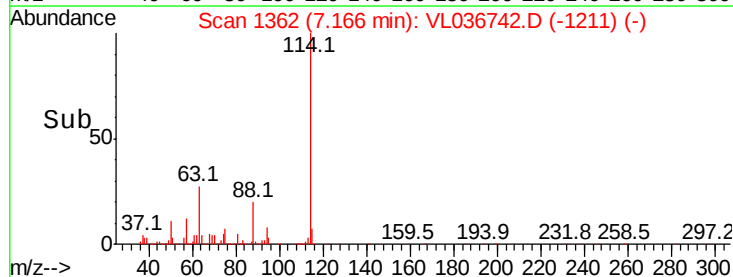
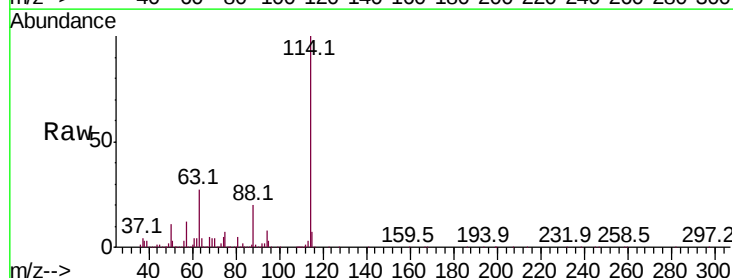
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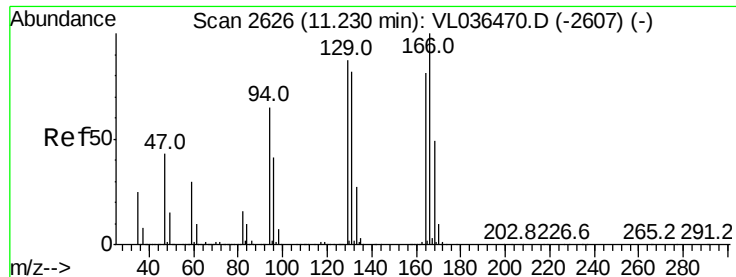
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.6	22.4	33.6
88	18.4	15.4	23.0





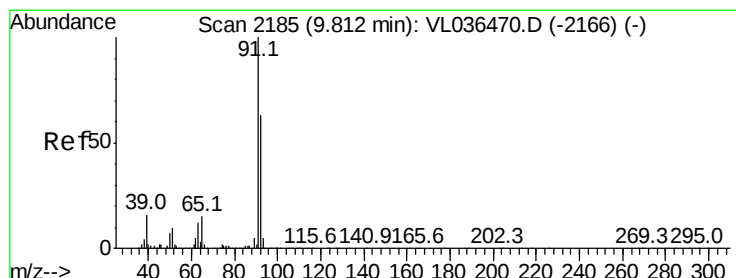
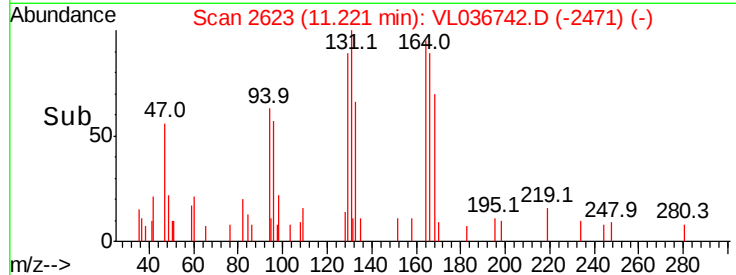
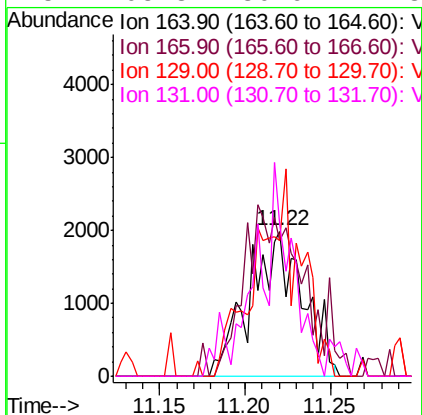
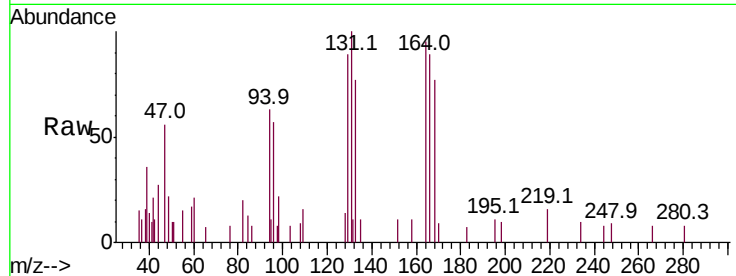
#52
Tetrachloroethene
Concen: 0.043 ppbv m
RT: 11.22 min Scan# 2623
Delta R.T. -0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03DL

Tot Ion	Ratio	Lower	Upper
164	100		
166	93.7	98.3	147.5#
129	94.0	85.8	128.8
131	105.3	80.9	121.3

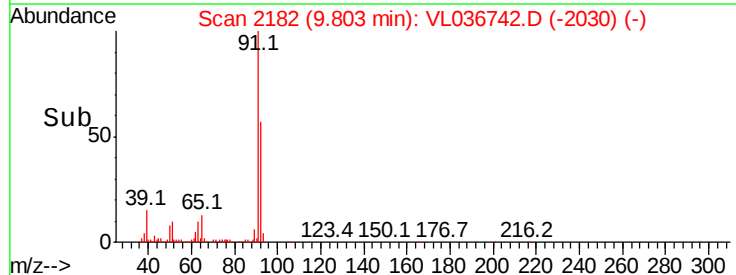
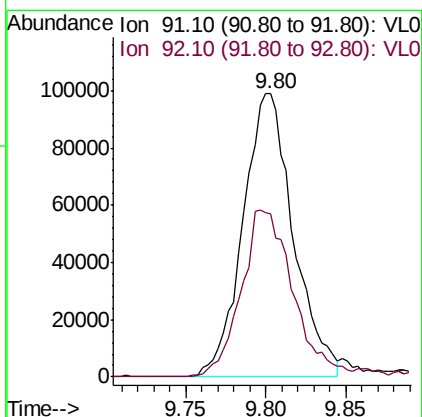
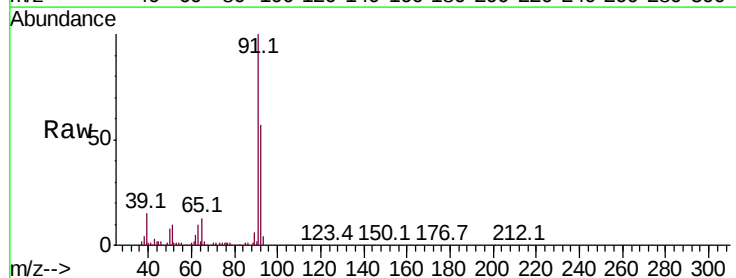
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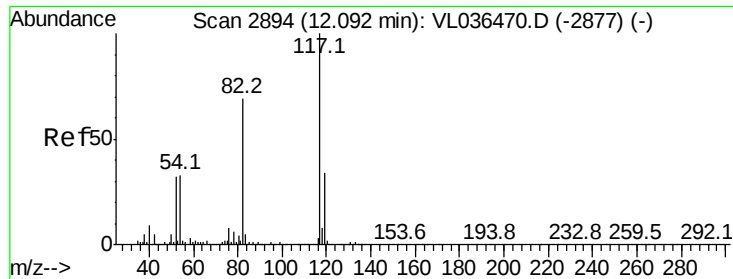
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#53
Toluene
Concen: 0.729 ppbv
RT: 9.80 min Scan# 2182
Delta R.T. -0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	63.4	48.8	73.2





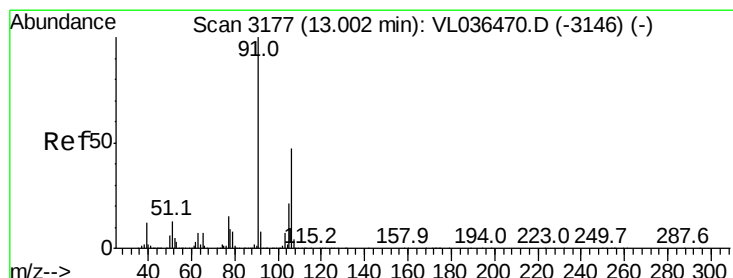
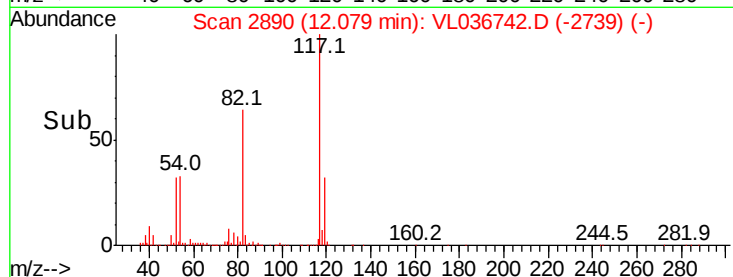
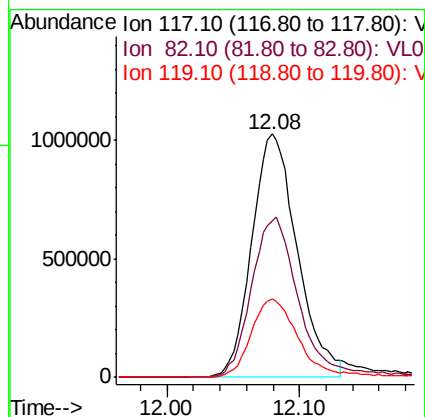
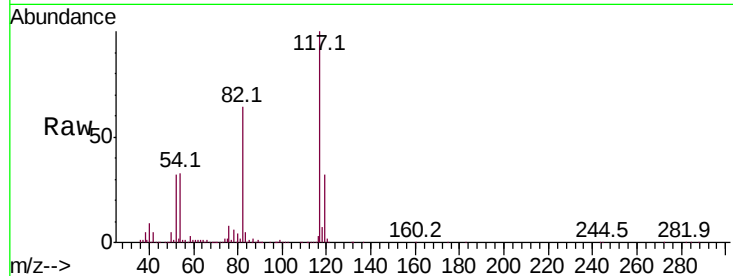
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Instrument :
MSVOA_L
ClientSampleId :
FS-IA-03DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	70.5	57.4	86.0
119	34.6	47.4	71.0#

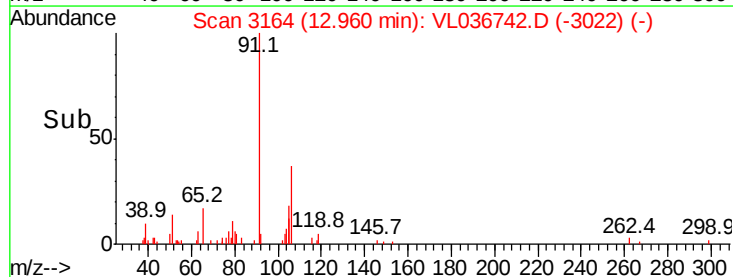
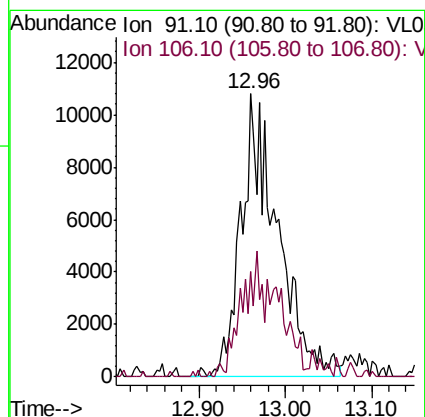
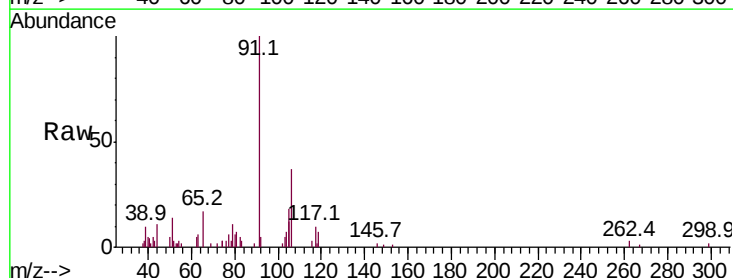
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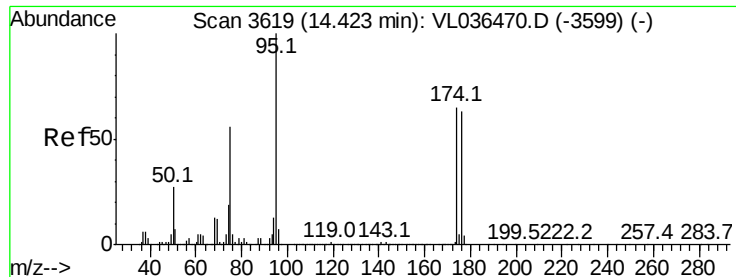
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#59
m/p-Xylene
Concen: 0.102 ppbv m
RT: 12.96 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL036742.D
Acq: 8 Apr 2021 1:18

Tgt Ion	Ratio	Lower	Upper
91	100		
106	0.0	35.3	52.9#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.821 ppbv
 RT: 14.41 min Scan# 3615
 Delta R.T. -0.01 min
 Lab File: VL036742.D
 Acq: 8 Apr 2021 1:18

Instrument :
 MSVOA_L
 ClientSampleId :
 FS-IA-03DL

Tot Ion:	95	Resp:	1919808
Ion Ratio	Lower	Upper	
95	100		
174	67.5	51.0	76.6
175	5.0	3.9	5.9

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