

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036662.D
 Acq On : 3 Apr 2021 2:07
 Operator : SY/AP
 Sample : M1853-01DL 40X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-01DL

Manual Integrations
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Quant Time: Apr 03 07:28:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1281343	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	3406109	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	3012880	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	2409898	10.04	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.60	45	72644m	7.993	ppbv	
15) Acetone	3.85	43	128876m	1.022	ppbv	
17) tert-Butyl alcohol	4.31	59	89472m	0.815	ppbv	
19) Isopropyl Alcohol	3.98	45	109034m	1.572	ppbv	
20) Methylene Chloride	4.33	84	84820	1.436	ppbv	97
26) Hexane	5.66	57	69646	0.501	ppbv #	47
59) m/p-Xylene	12.95	91	76369m	0.200	ppbv	
60) o-Xylene	13.66	91	43912m	0.119	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	99235m	0.245	ppbv	

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

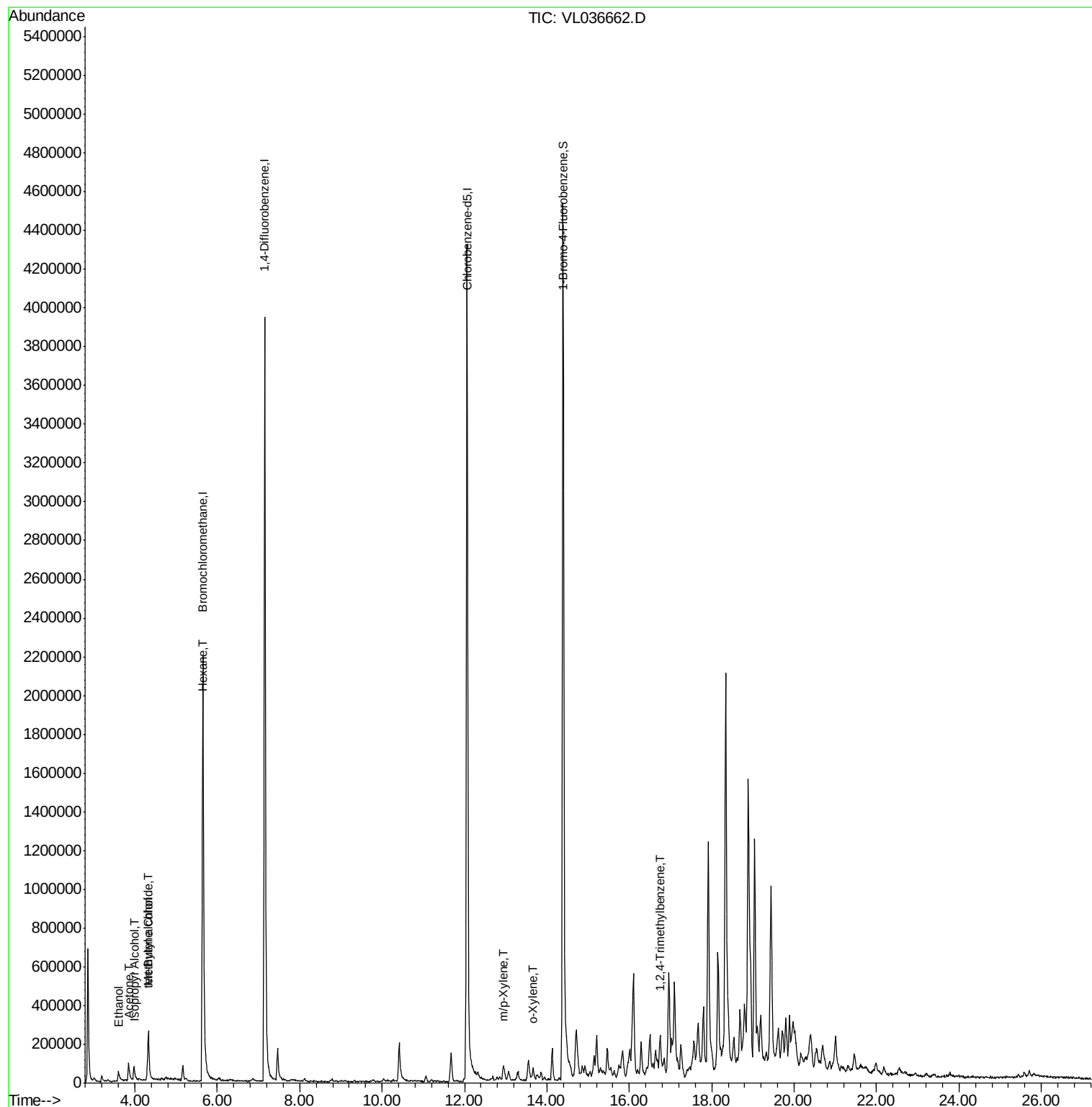
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL040221\
Data File : VL036662.D
Acq On : 3 Apr 2021 2:07
Operator : SY/AP
Sample : M1853-01DL 40X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

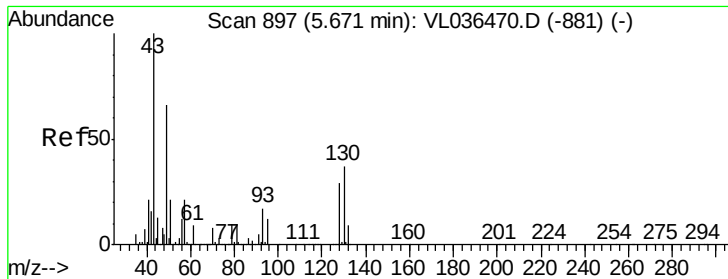
Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-01DL

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Quant Time: Apr 03 07:28:01 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# 889

Delta R.T. -0.03 min

Lab File: VL036662.D

Acq: 3 Apr 2021 2:07

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-01DL

Tot Ion: 49 Resp: 1281343

Ion Ratio Lower Upper

49 100

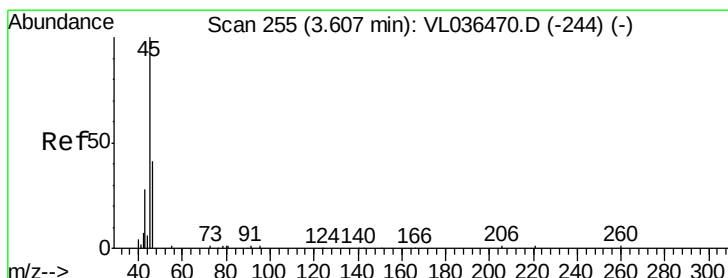
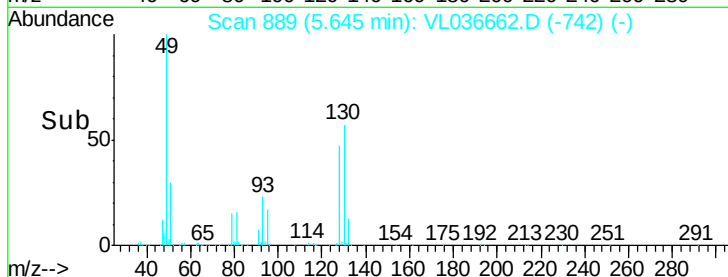
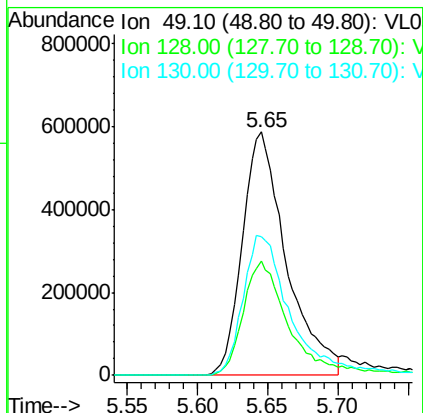
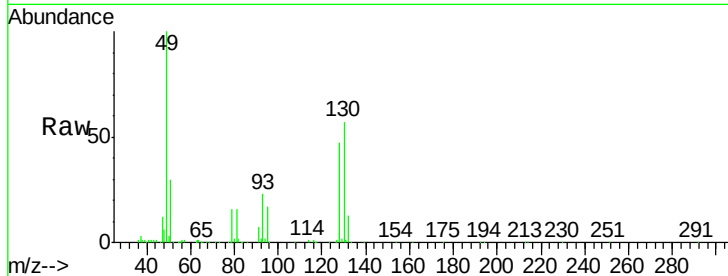
128 50.8 23.5 70.6

130 62.7 29.1 87.4

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#13

Ethanol

Concen: 7.993 ppbv m

RT: 3.60 min Scan# 253

Delta R.T. -0.01 min

Lab File: VL036662.D

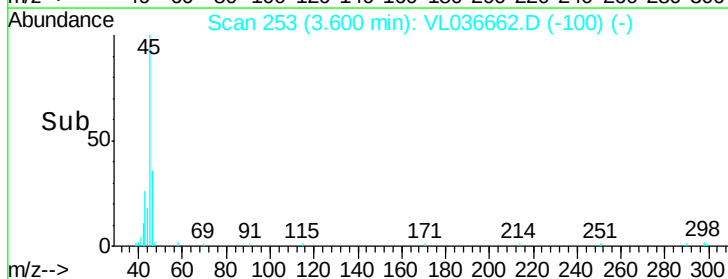
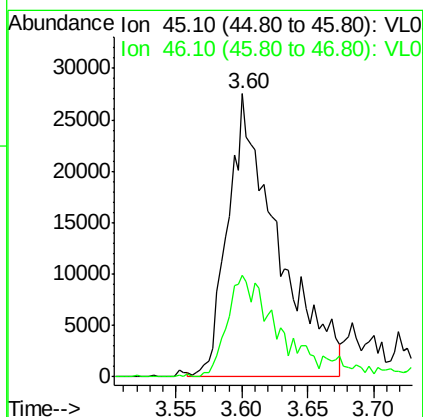
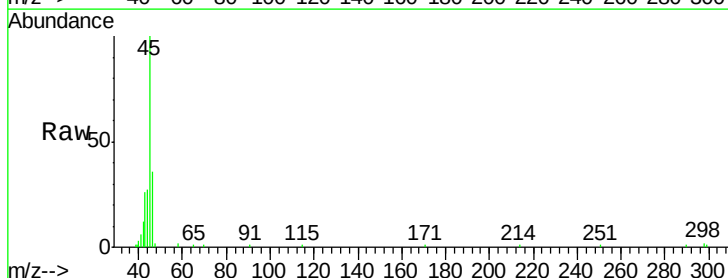
Acq: 3 Apr 2021 2:07

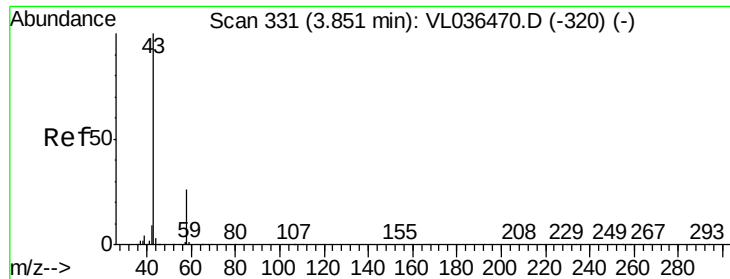
Tgt Ion: 45 Resp: 72644

Ion Ratio Lower Upper

45 100

46 39.0 16.6 66.2





#15

Acetone

Concen: 1.022 ppbv m

RT: 3.85 min Scan# 330

Delta R.T. -0.00 min

Lab File: VL036662.D

Acq: 3 Apr 2021 2:07

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-01DL

Tot Ion: 43 Resp: 128876

Ion Ratio Lower Upper

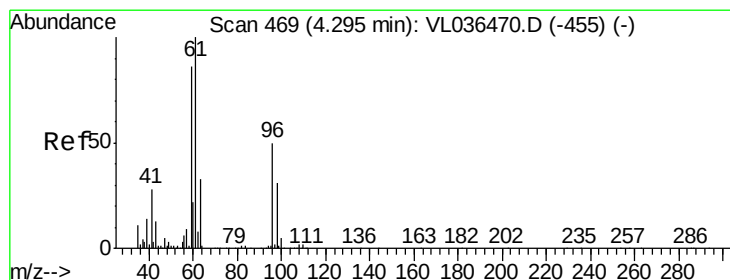
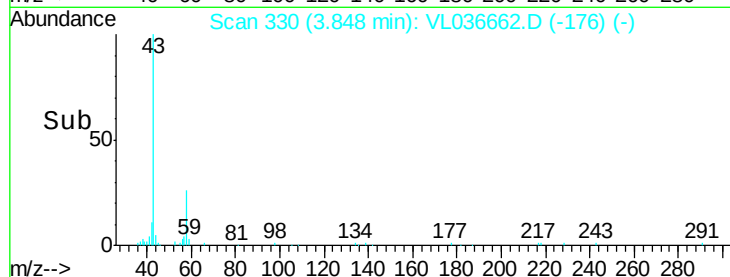
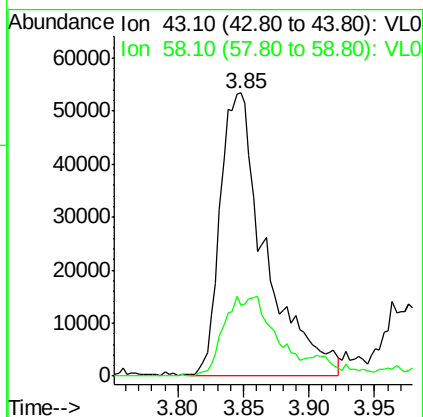
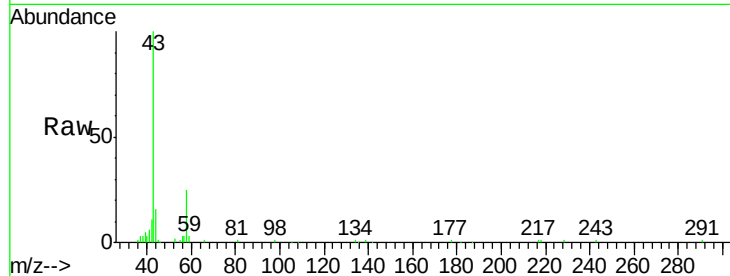
43 100

58 0.0 21.2 31.8#

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#17

tert-Butyl alcohol

Concen: 0.815 ppbv m

RT: 4.31 min Scan# 474

Delta R.T. 0.02 min

Lab File: VL036662.D

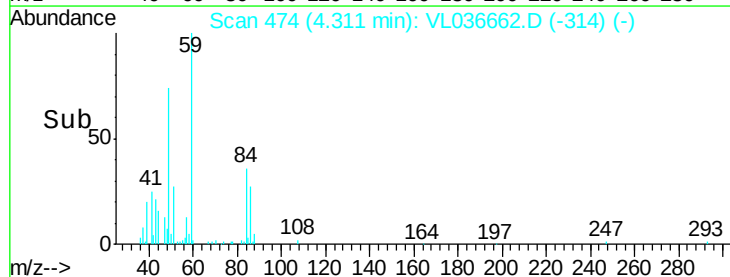
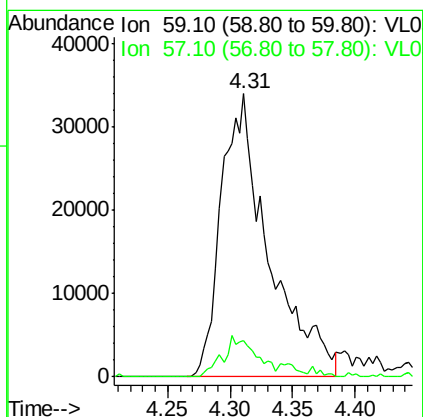
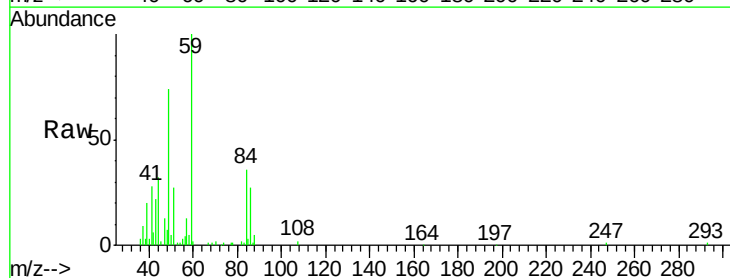
Acq: 3 Apr 2021 2:07

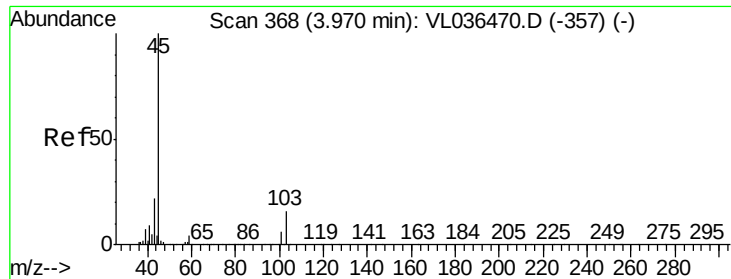
Tgt Ion: 59 Resp: 89472

Ion Ratio Lower Upper

59 100

57 0.3 8.6 12.8#





#19

Isopropyl Alcohol

Concen: 1.572 ppbv m

RT: 3.98 min Scan# 370

Delta R.T. 0.01 min

Lab File: VL036662.D

Acq: 3 Apr 2021 2:07

Instrument :

MSVOA_L

ClientSampleId :

SOFF-SG-01DL

Tot Ion: 45 Resp: 109034

Ion Ratio Lower Upper

45 100

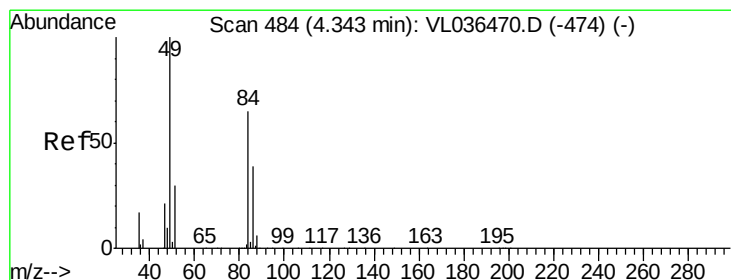
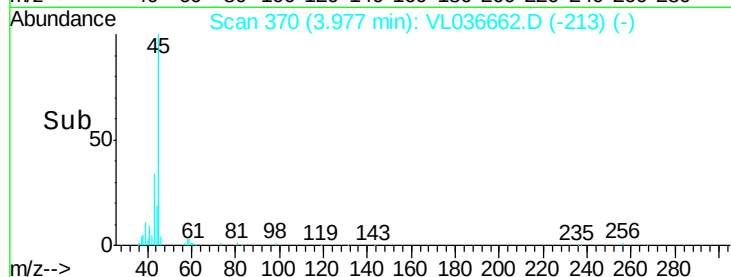
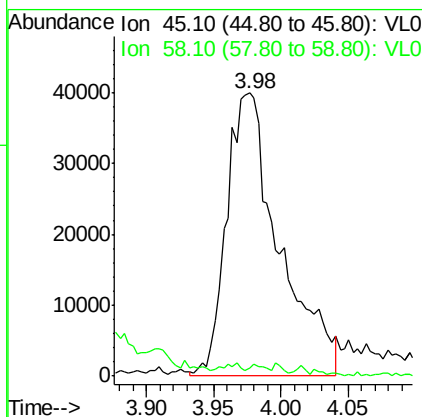
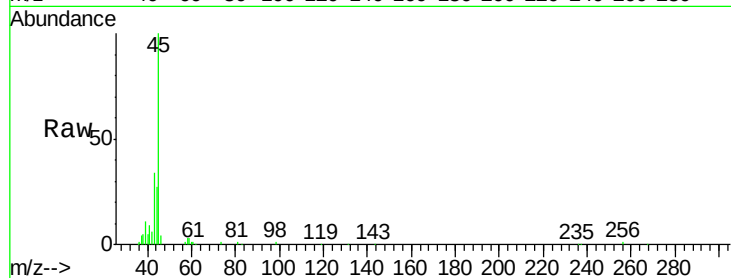
58 5.5 2.9 4.3#

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#20

Methylene Chloride

Concen: 1.436 ppbv

RT: 4.33 min Scan# 479

Delta R.T. -0.02 min

Lab File: VL036662.D

Acq: 3 Apr 2021 2:07

Tgt Ion: 84 Resp: 84820

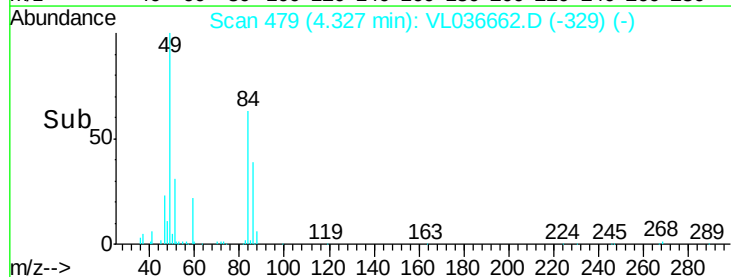
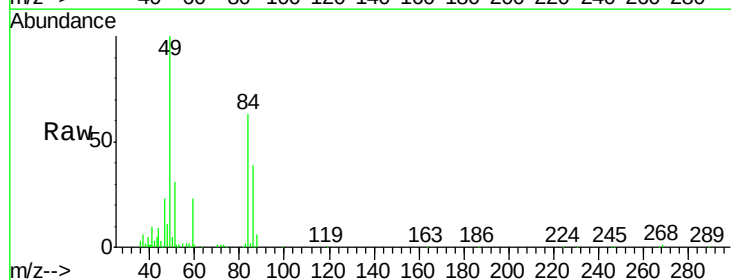
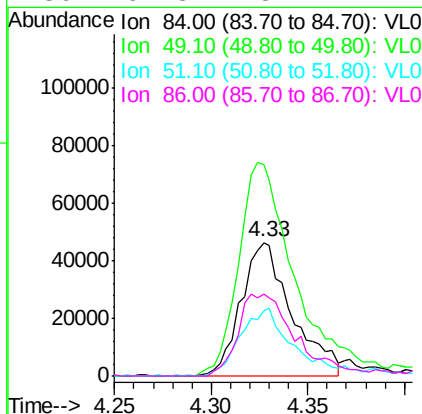
Ion Ratio Lower Upper

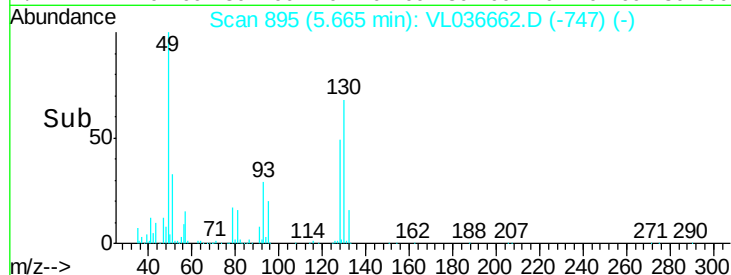
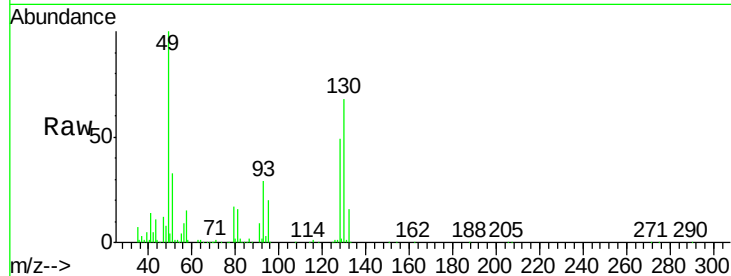
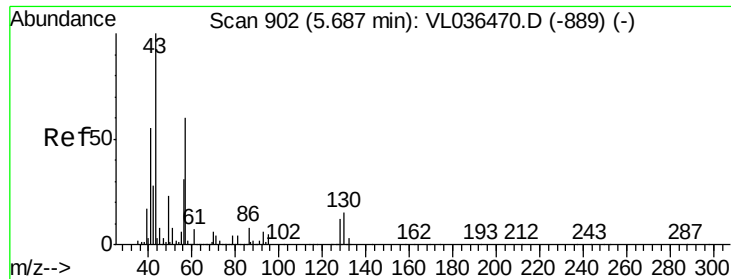
84 100

49 159.0 122.9 184.3

51 48.0 36.9 55.3

86 61.3 48.2 72.4





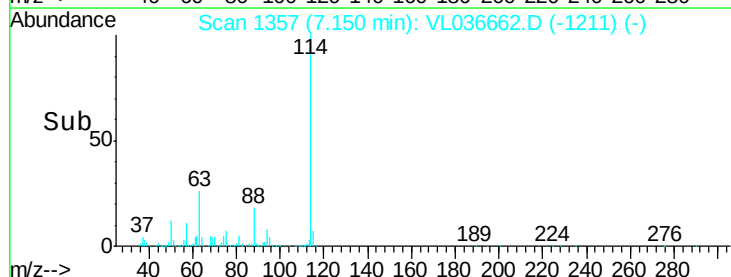
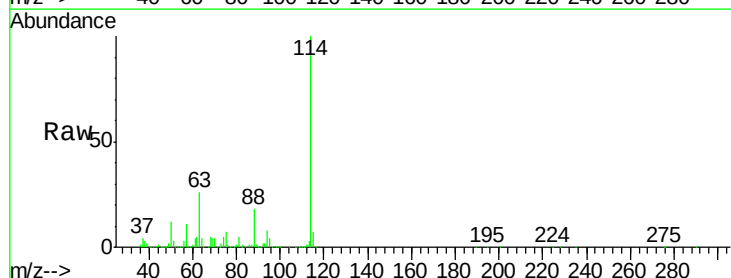
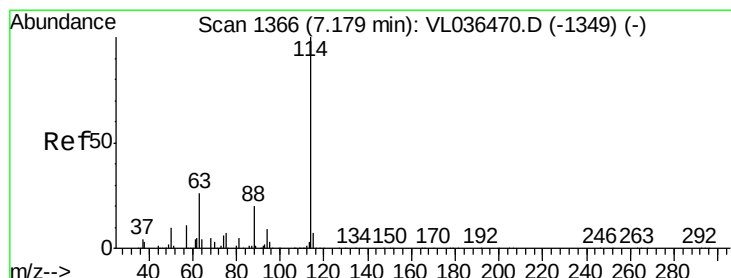
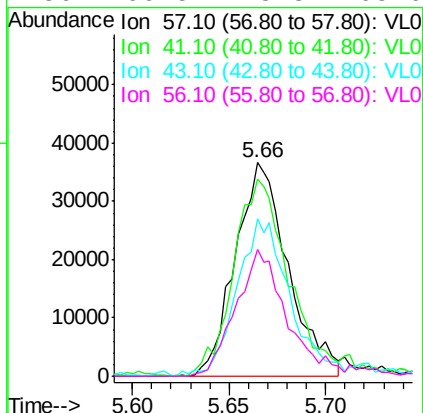
#26
Hexane
Concen: 0.501 ppbv
RT: 5.66 min Scan# 895
Delta R.T. -0.02 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

Tot Ion	Ratio	Lower	Upper
57	100		
41	101.2	77.2	115.8
43	80.8	173.8	260.6#
56	60.5	43.8	65.6

Instrument :
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SOFF-SG-01DL

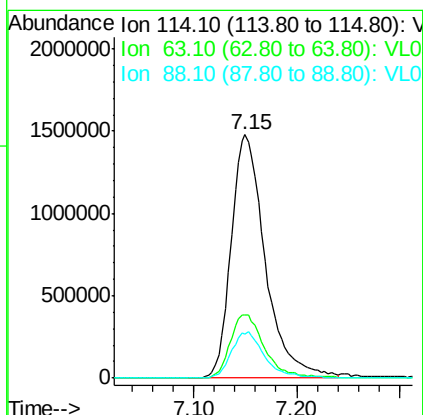
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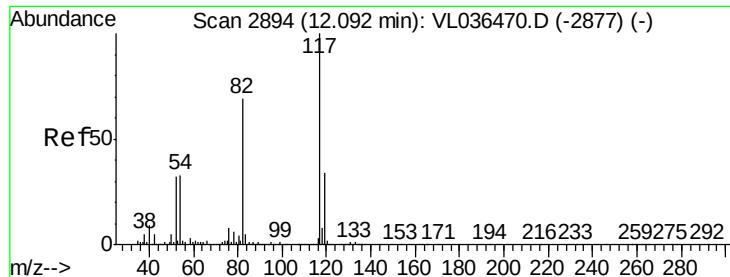
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#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.15 min Scan# 1357
Delta R.T. -0.03 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	26.7	22.4	33.6
88	18.9	15.4	23.0





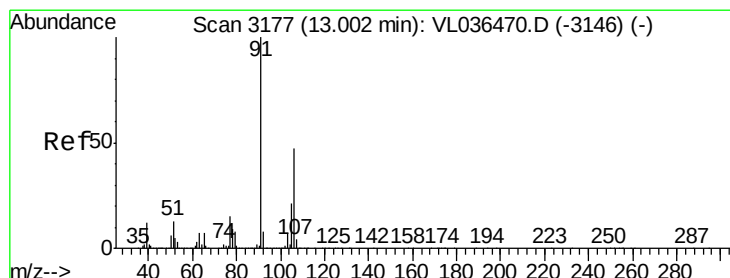
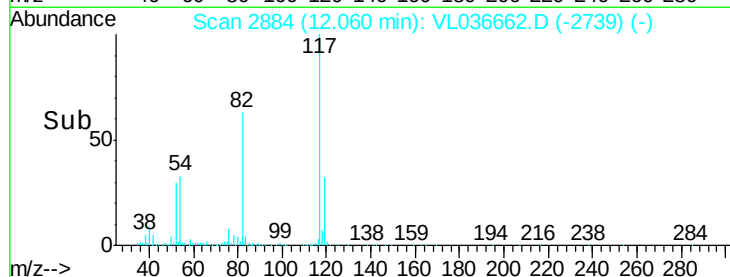
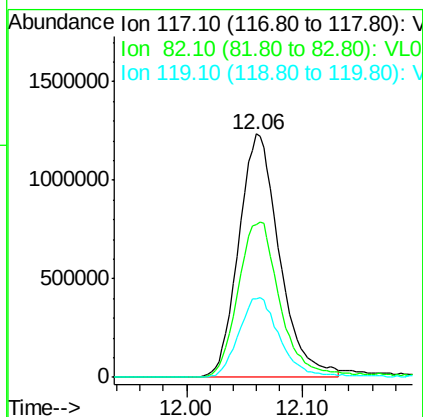
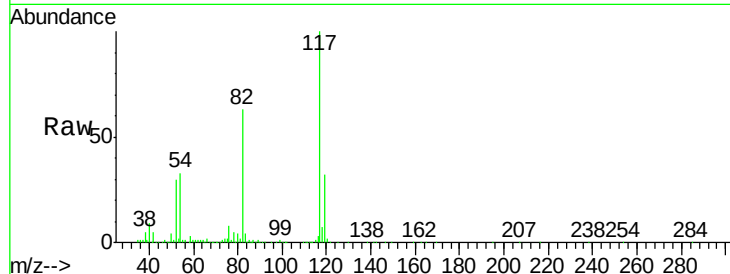
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.03 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-01DL

Tot Ion	Ratio	Lower	Upper
117	100		
82	68.2	57.4	86.0
119	34.4	47.4	71.0#

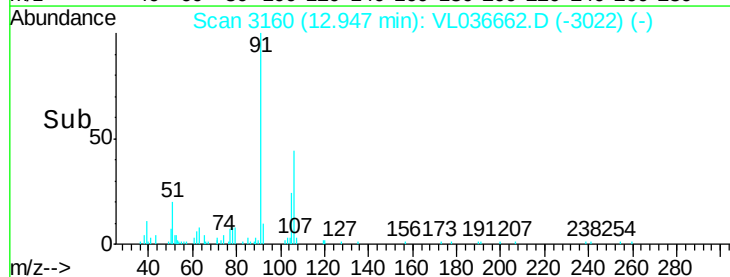
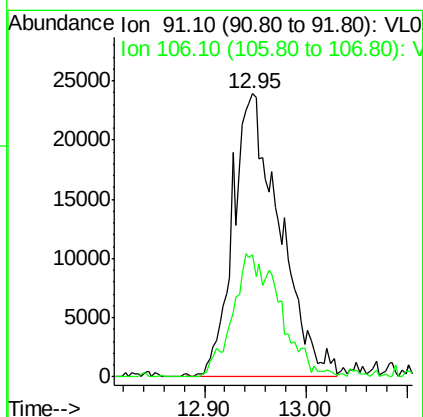
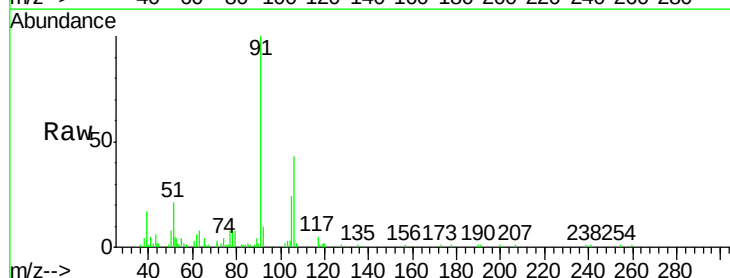
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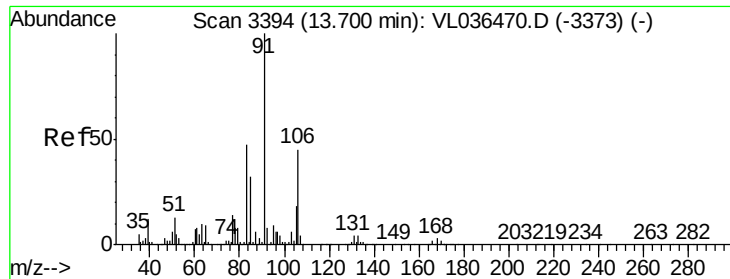
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#59
m/p-Xylene
Concen: 0.200 ppbv m
RT: 12.95 min Scan# 3160
Delta R.T. -0.05 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

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





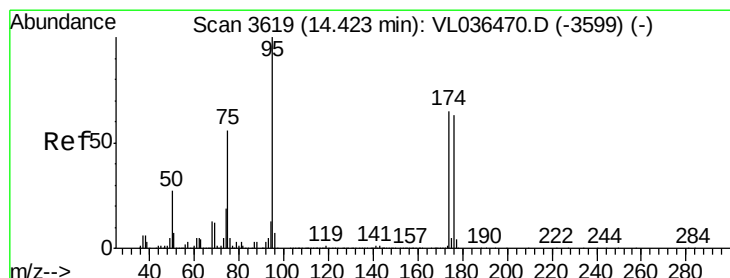
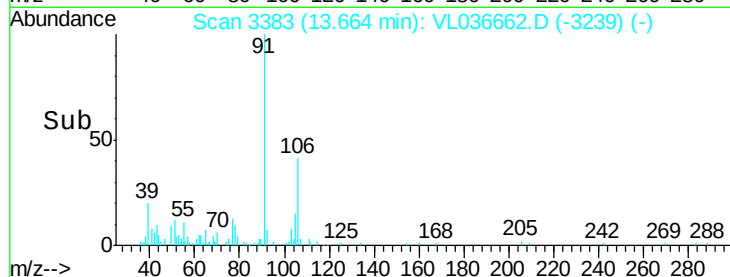
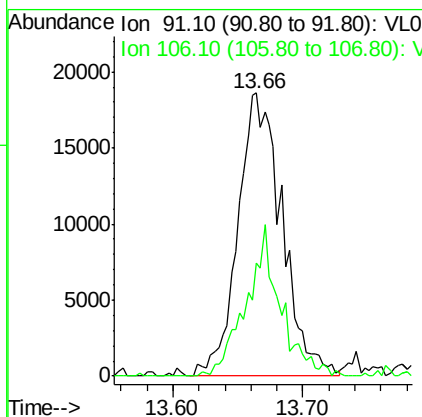
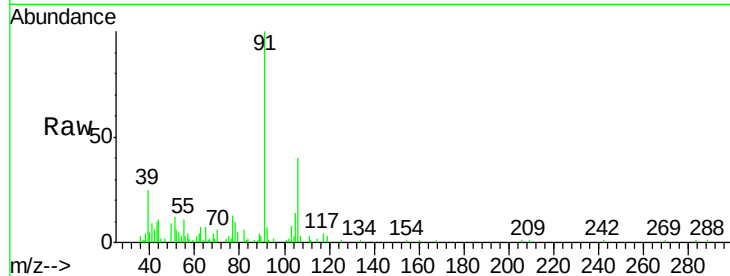
#60
o-Xylene
Concen: 0.119 ppbv m
RT: 13.66 min Scan# 3383
Delta R.T. -0.04 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

Instrument :
MSVOA_L
ClientSampleId :
SOFF-SG-01DL

Tot Ion: 91 Resp: 43912
Ion Ratio Lower Upper
91 100
106 0.0 22.3 66.9#

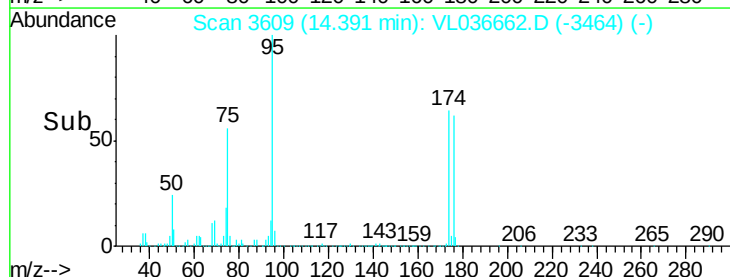
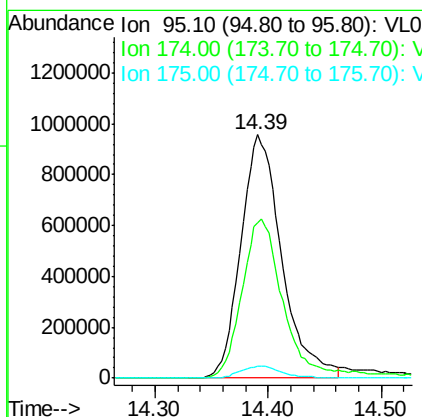
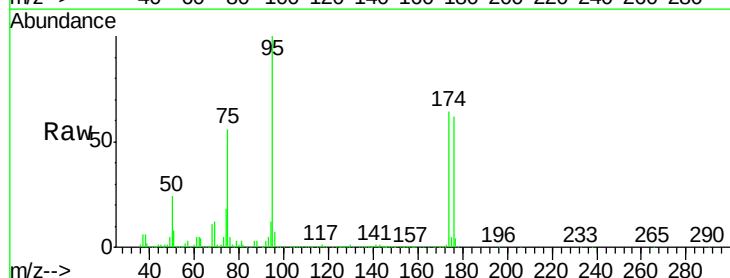
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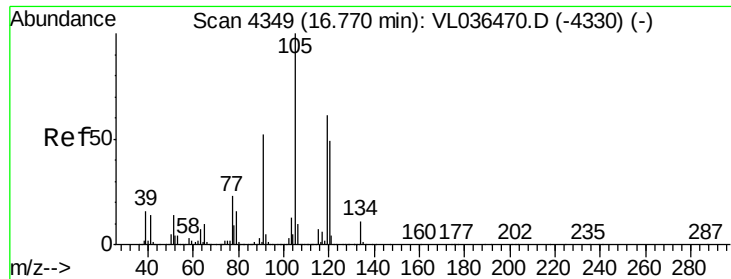
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#68
1-Bromo-4-Fluorobenzene
Concen: 10.036 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.03 min
Lab File: VL036662.D
Acq: 3 Apr 2021 2:07

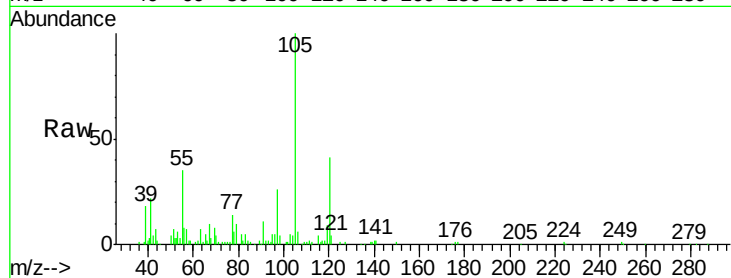
Tgt Ion: 95 Resp: 2409898
Ion Ratio Lower Upper
95 100
174 69.1 51.0 76.6
175 4.9 3.9 5.9





#74
 1,2,4-Trimethylbenzene
 Concen: 0.245 ppbv m
 RT: 16.74 min Scan# 4339
 Delta R.T. -0.03 min
 Lab File: VL036662.D
 Acq: 3 Apr 2021 2:07

Instrument :
 MSVOA_L
 ClientSampleId :
 SOFF-SG-01DL



Tot Ion	Ratio	Resp Lower	Upper
105	100		
120	41.4	39.2	58.8
91	11.0	42.6	64.0#
77	13.9	18.6	28.0#

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