

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\
 Data File : VL025624.D
 Acq On : 8 Jul 2015 1:56
 Operator : SY/MD
 Sample : G2872-02DL2 200X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-MIDSTREAM-070115DL2

Manual Integrations
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Quant Time: Jul 08 08:48:08 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 11:22:27 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	634186	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1675434	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	2039076	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.29	95	1701831	9.89	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.90	62	2393	0.05	ppbv	95
15) Acetone	4.65	43	39498m	0.35	ppbv	
17) tert-Butyl alcohol	5.18	59	27447	0.29	ppbv #	93
18) 1,1-Dichloroethene	5.09	96	8397	0.18	ppbv	91
24) 1,1-Dichloroethane	5.92	63	68765	0.60	ppbv	98
31) cis-1,2-Dichloroethene	6.52	61	116708	1.47	ppbv	98
32) 1,1,1-Trichloroethane	7.60	97	14935	0.09	ppbv	99
38) Trichloroethene	9.07	130	1728476	23.17	ppbv	99

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

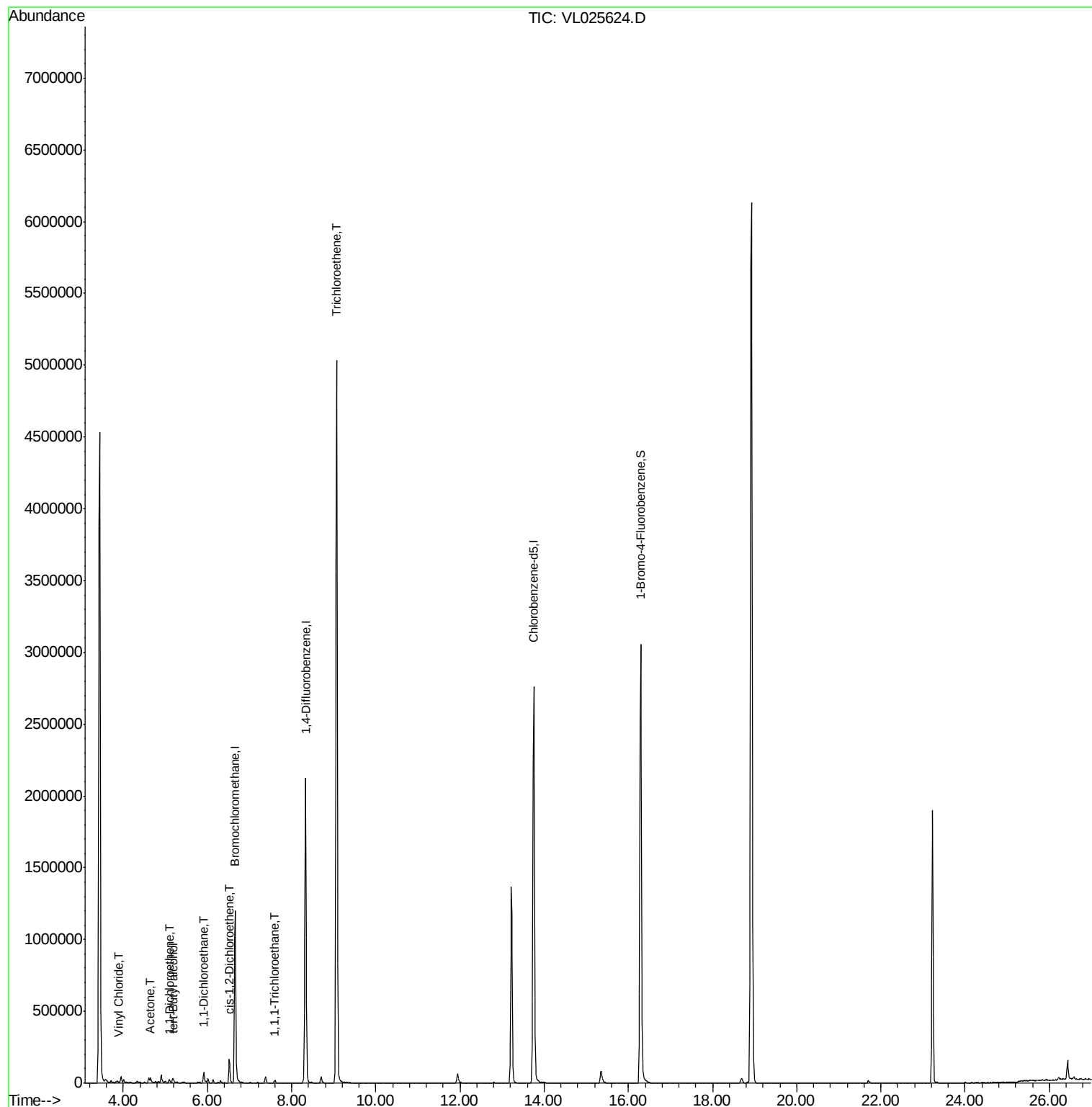
Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\
Data File : VL025624.D
Acq On : 8 Jul 2015 1:56
Operator : SY/MD
Sample : G2872-02DL2 200X
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

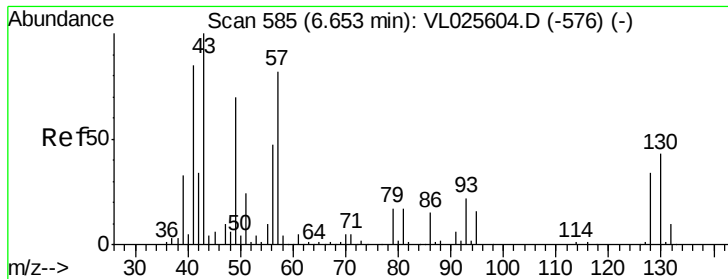
Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115DL2

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Quant Time: Jul 08 08:48:08 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration





#1

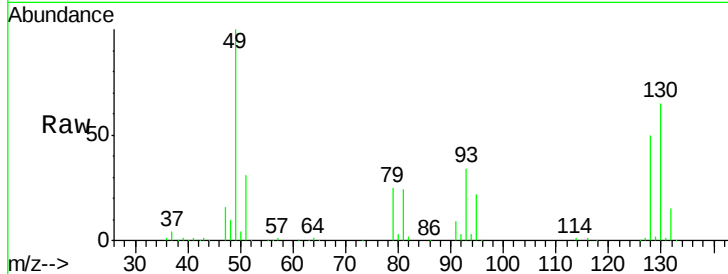
Bromochloromethane
 Concen: 10.00 ppbv
 RT: 6.65 min Scan# 585
 Delta R.T. -0.00 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-MIDSTREAM-070115DL2

Tot Ion	Ratio	Lower	Upper
49	100		
128	51.8	25.4	76.0
130	66.7	31.9	95.9

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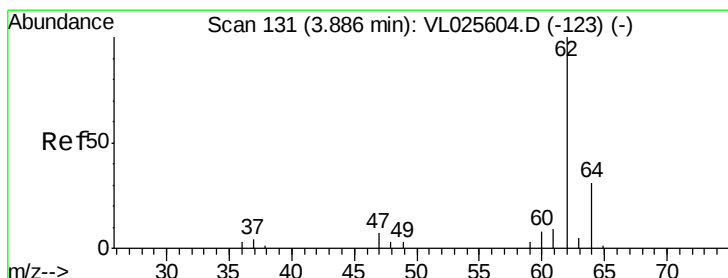
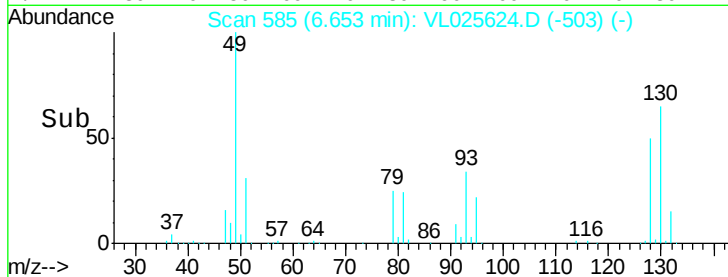
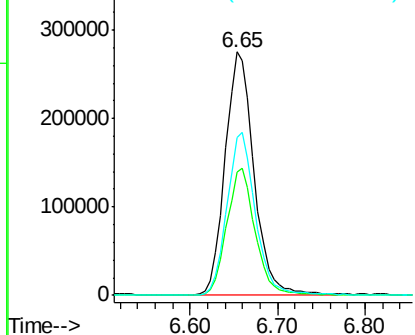
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Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

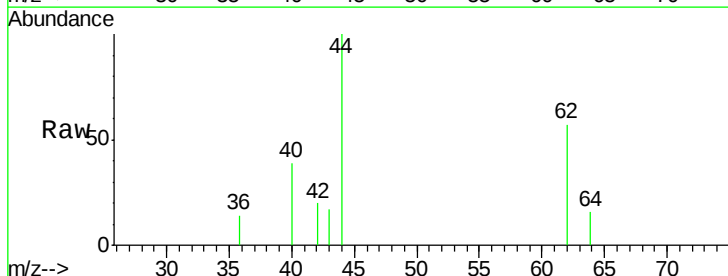
Ion 130.00 (129.70 to 130.70): V



#5

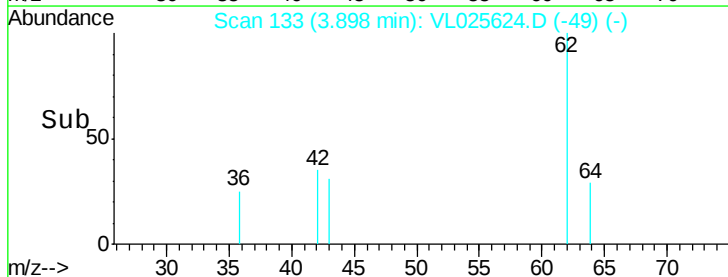
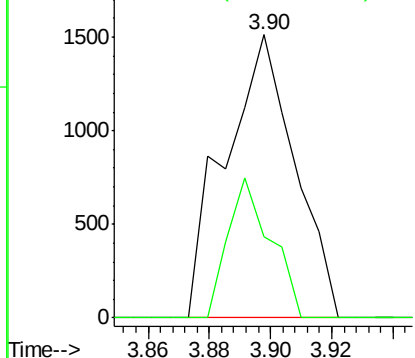
Vinyl Chloride
 Concen: 0.05 ppbv
 RT: 3.90 min Scan# 133
 Delta R.T. 0.01 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

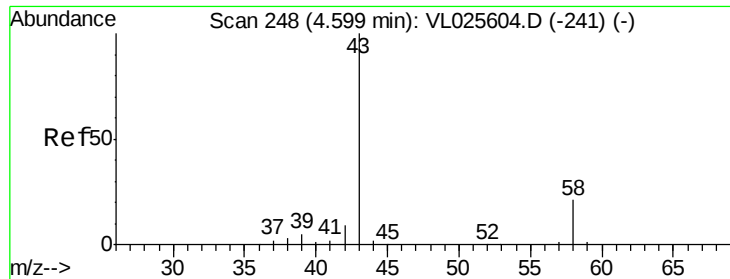
Tgt Ion	Ratio	Lower	Upper
62	100		
64	28.6	25.0	37.6



Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0





#15

Acetone

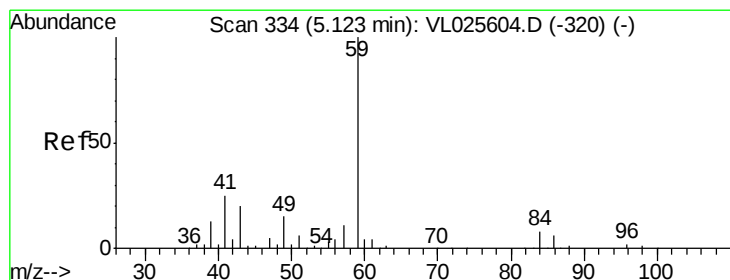
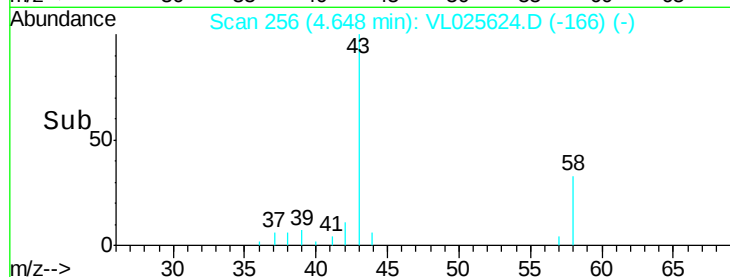
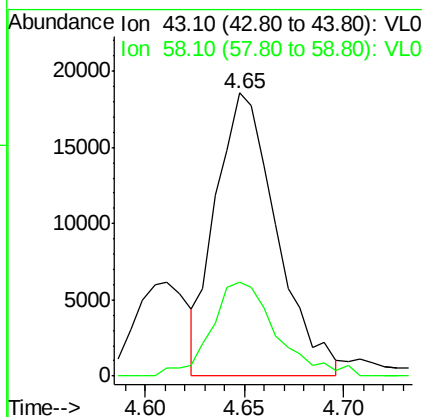
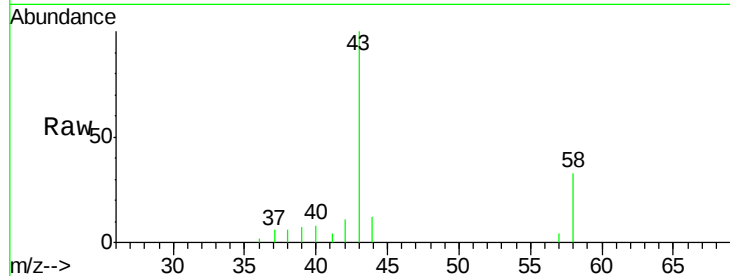
Concen: 0.35 ppbv m
RT: 4.65 min Scan# 256
Delta R.T. 0.05 min
Lab File: VL025624.D
Acq: 8 Jul 2015 1:56

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115DL2

Tot Ion: 43 Resp: 39498
Ion Ratio Lower Upper
43 100
58 0.0 17.2 25.8#

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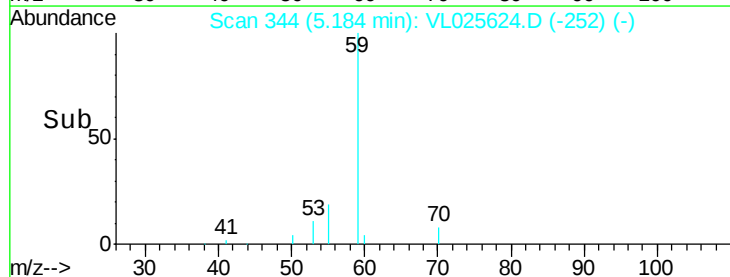
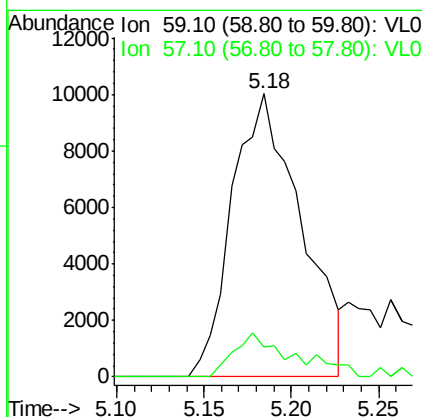
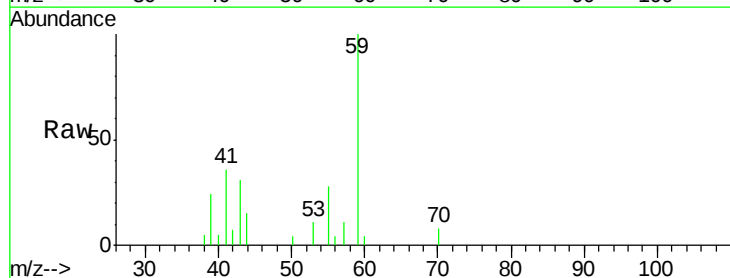


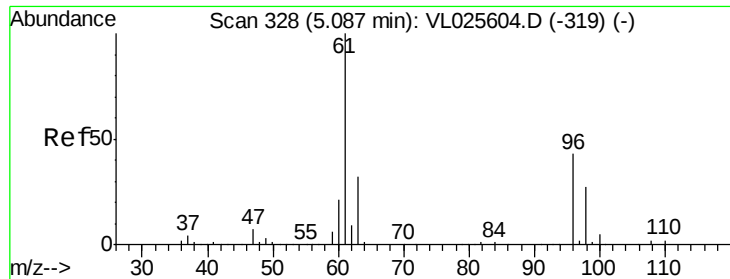
#17

tert-Butyl alcohol

Concen: 0.29 ppbv
RT: 5.18 min Scan# 344
Delta R.T. 0.06 min
Lab File: VL025624.D
Acq: 8 Jul 2015 1:56

Tgt Ion: 59 Resp: 27447
Ion Ratio Lower Upper
59 100
57 14.5 9.4 14.2#





#18

1,1-Dichloroethene

Concen: 0.18 ppbv

RT: 5.09 min Scan# 329

Delta R.T. 0.01 min

Lab File: VL025624.D

Acq: 8 Jul 2015 1:56

Instrument :

MSVOA_L

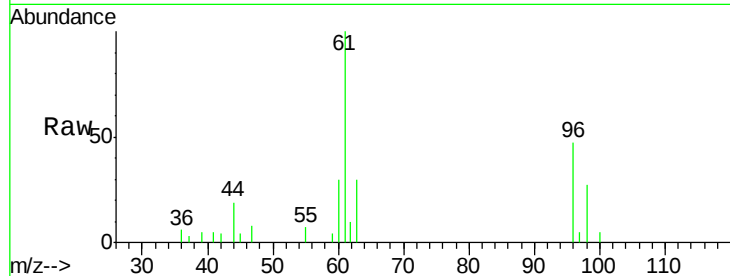
ClientSampleId :

DIN46-MIDSTREAM-070115DL2

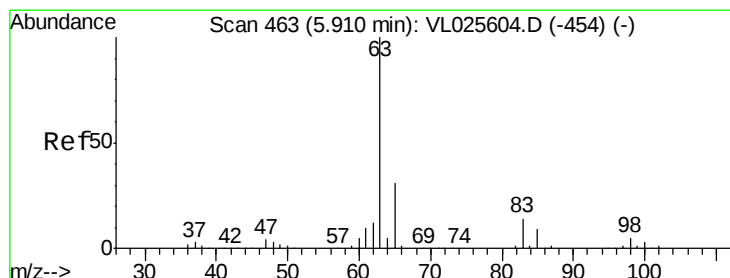
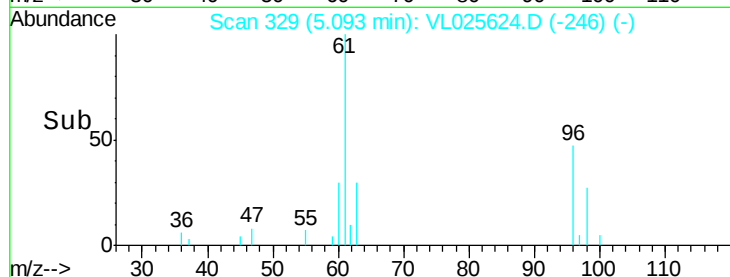
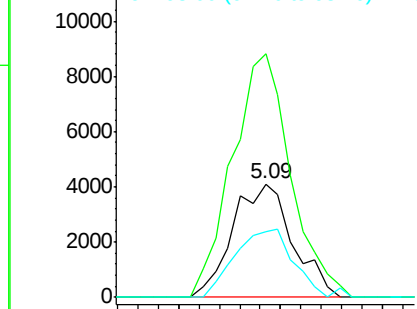
Tot Ion:	96	Resp:	8397
Ion	Ratio	Lower	Upper
96	100		
61	215.0	184.1	276.1
98	57.5	50.0	75.0

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Abundance Ion 96.00 (95.70 to 96.70): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 98.00 (97.70 to 98.70): VL0



#24

1,1-Dichloroethane

Concen: 0.60 ppbv

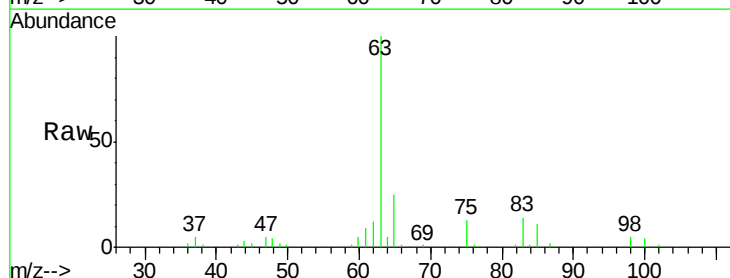
RT: 5.92 min Scan# 464

Delta R.T. 0.01 min

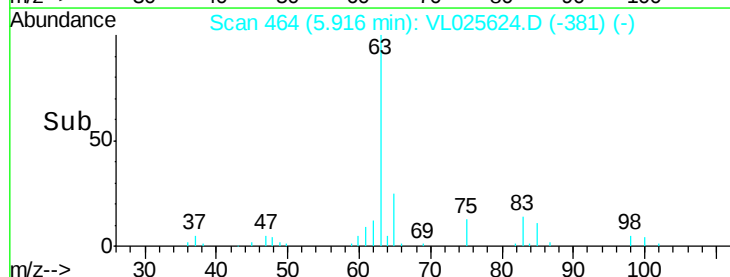
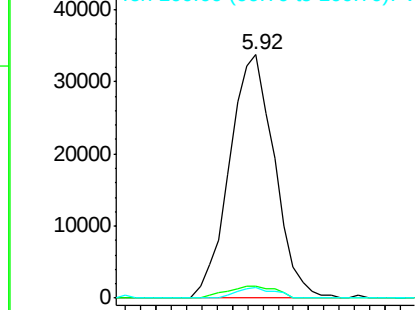
Lab File: VL025624.D

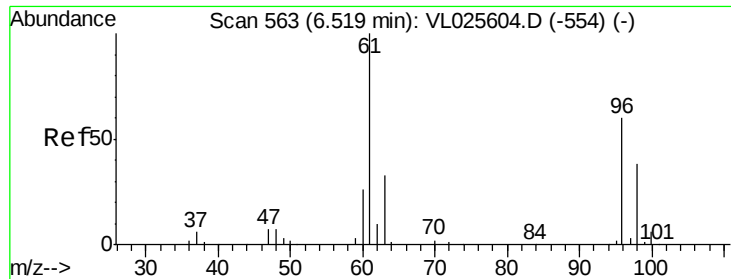
Acq: 8 Jul 2015 1:56

Tgt Ion:	63	Resp:	68765
Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.6	8.0
100	4.2	1.6	4.7



Abundance Ion 63.10 (62.80 to 63.80): VL0
Ion 98.00 (97.70 to 98.70): VL0
Ion 100.00 (99.70 to 100.70): VL0





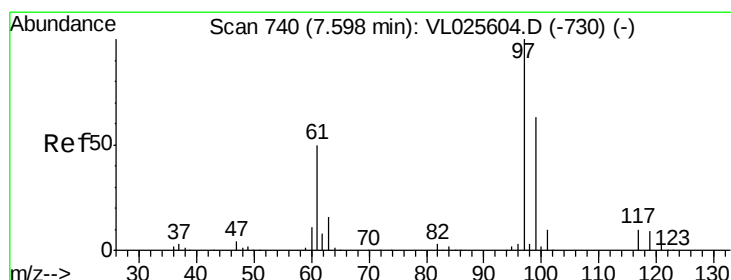
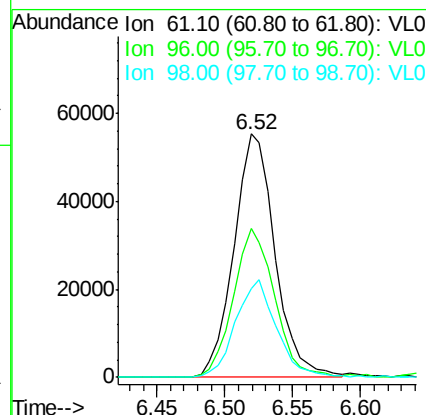
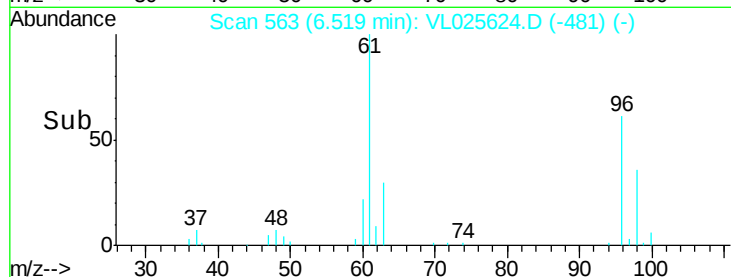
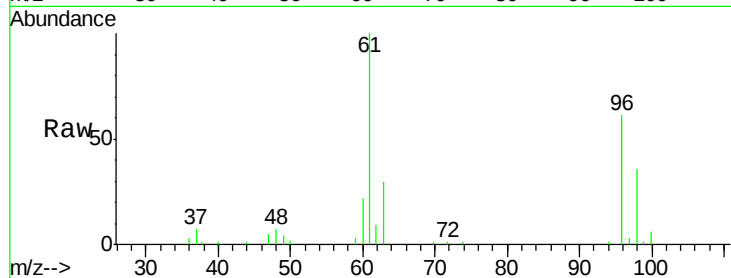
#31
 cis-1,2-Dichloroethene
 Concen: 1.47 ppbv
 RT: 6.52 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-MIDSTREAM-070115DL2

Tot Ion	Ratio	Resp	Lower	Upper
61	100			
96	61.4	48.1	72.1	
98	36.2	30.7	46.1	

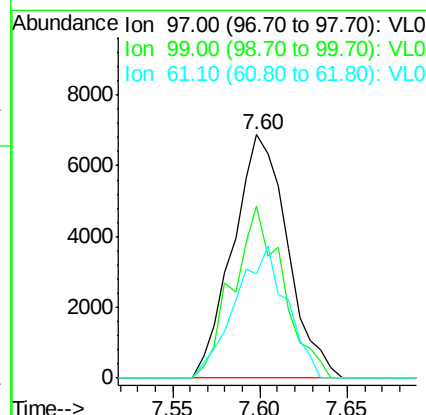
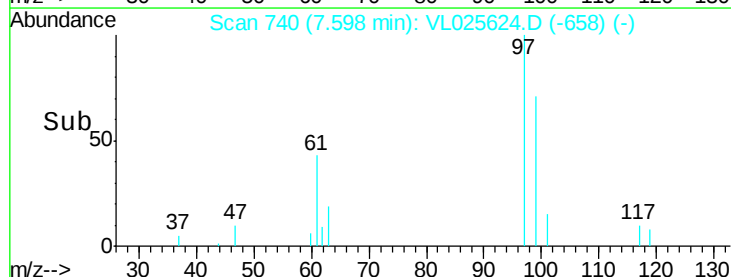
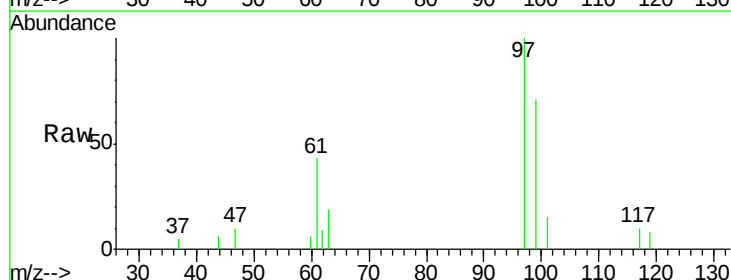
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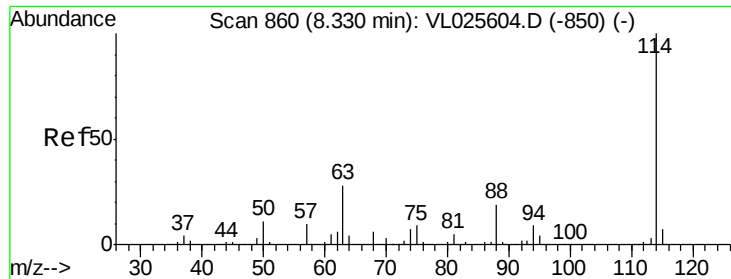
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#32
 1,1,1-Trichloroethane
 Concen: 0.09 ppbv
 RT: 7.60 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

Tgt Ion	Ratio	Resp	Lower	Upper
97	100			
99	64.8	51.2	76.8	
61	51.2	40.4	60.6	





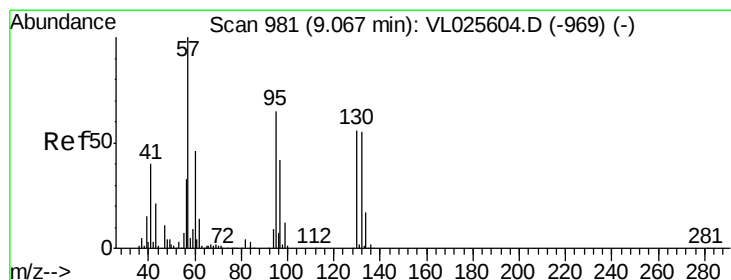
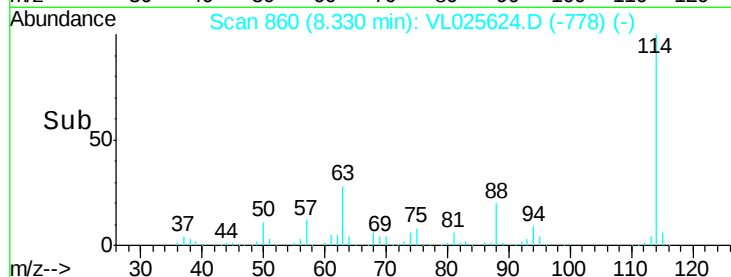
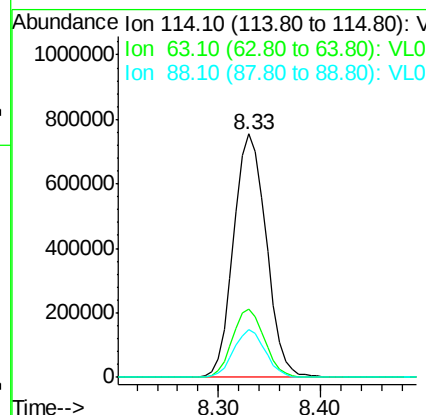
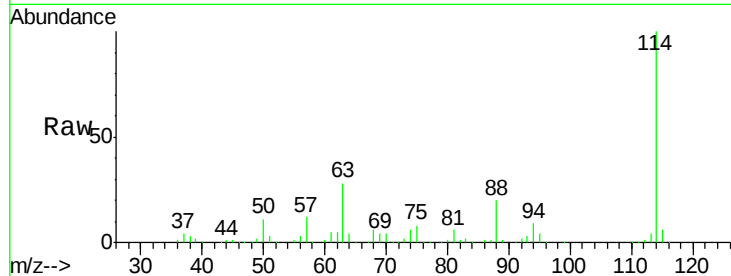
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.33 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

Instrument :
 MSVOA_L
 ClientSampleId :
 DIN46-MIDSTREAM-070115DL2

Tot Ion:114 Resp: 1675434
 Ion Ratio Lower Upper
 114 100
 63 27.6 22.4 33.6
 88 19.0 15.0 22.4

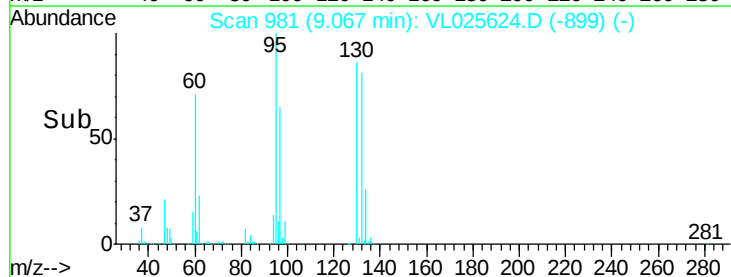
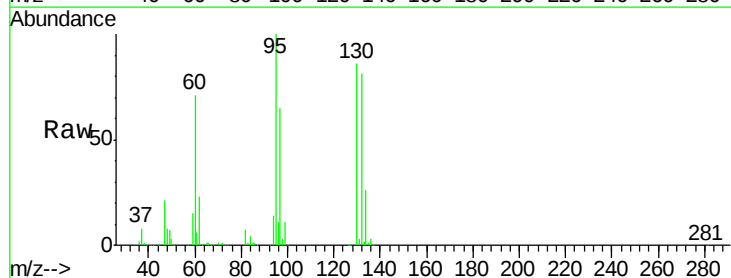
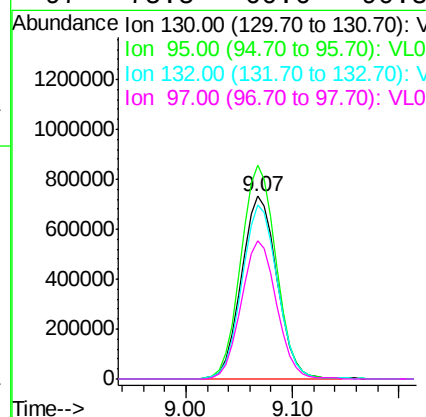
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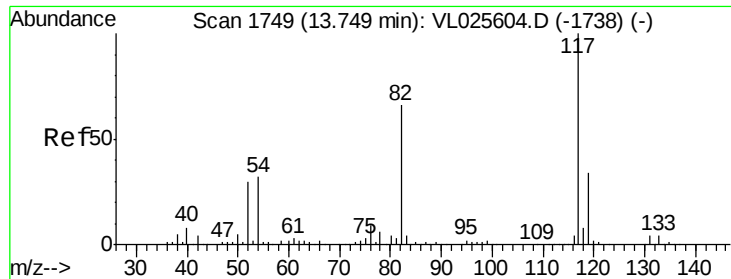
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#38
 Trichloroethene
 Concen: 23.17 ppbv
 RT: 9.07 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VL025624.D
 Acq: 8 Jul 2015 1:56

Tgt Ion:130 Resp: 1728476
 Ion Ratio Lower Upper
 130 100
 95 116.9 94.2 141.4
 132 95.2 78.6 118.0
 97 75.5 60.6 90.8





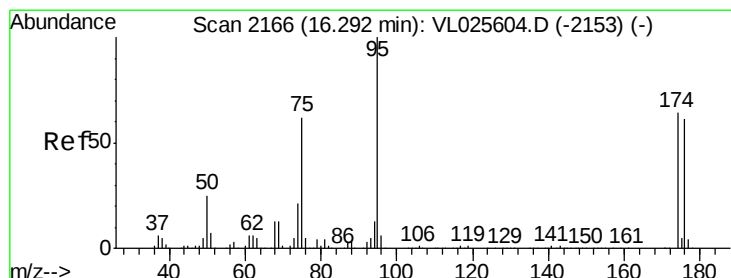
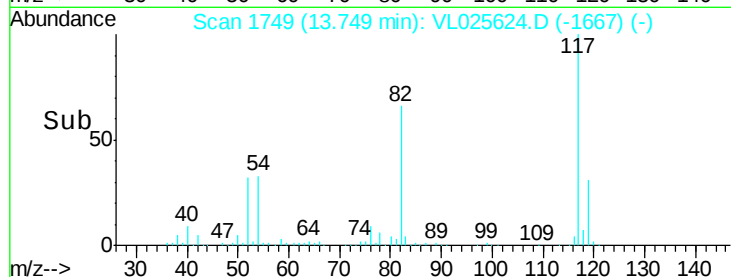
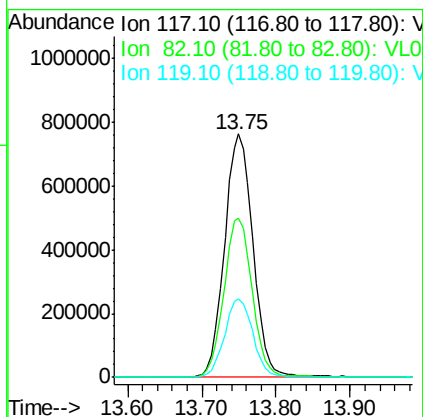
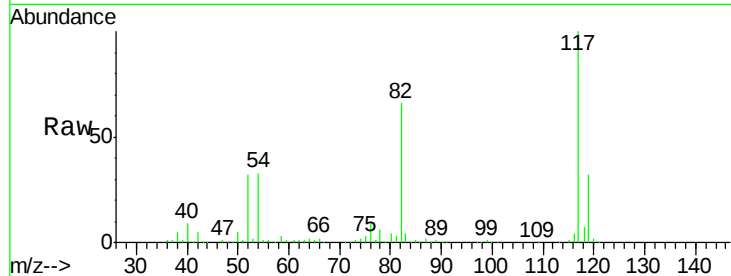
#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 13.75 min Scan# 1749
Delta R.T. -0.00 min
Lab File: VL025624.D
Acq: 8 Jul 2015 1:56

Instrument :
MSVOA_L
ClientSampleId :
DIN46-MIDSTREAM-070115DL2

Tot Ion:117 Resp: 2039076
Ion Ratio Lower Upper
117 100
82 66.0 50.5 75.7
119 32.4 45.1 67.7#

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.89 ppbv
RT: 16.29 min Scan# 2166
Delta R.T. -0.00 min
Lab File: VL025624.D
Acq: 8 Jul 2015 1:56

Tgt Ion: 95 Resp: 1701831
Ion Ratio Lower Upper
95 100
174 64.7 52.0 78.0
175 4.9 3.9 5.9

