

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL111115\
 Data File : VL026360.D
 Acq On : 11 Nov 2015 10:36
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010

Manual Integrations
 APPROVED

mohammad
 11/12/2015 6:51:46 PM

Quant Time: Nov 12 17:26:16 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
 QLast Update : Thu Oct 29 14:29:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.67	49	506304	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	8.35	114	1452546	10.00	ppbv	-0.02
55) Chlorobenzene-d5	13.77	117	1710573m	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.31	95	1000720	7.71	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	77.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.65	85	1161687	10.72	ppbv	100
3) Chlorodifluoromethane	3.57	51	669528	10.50	ppbv	100
4) Chloromethane	3.76	50	391847	10.77	ppbv	99
5) Vinyl Chloride	3.90	62	410255	10.24	ppbv	98
6) Bromomethane	4.15	94	289743	10.95	ppbv	99
7) Chloroethane	4.25	64	172480	10.86	ppbv	99
8) Dichlorotetrafluoroethane	3.81	85	964490	10.49	ppbv	99
9) Propene	3.61	41	330354	10.77	ppbv	99
10) Heptane	9.37	43	1107025	10.70	ppbv	99
11) Trichlorofluoromethane	4.70	101	1081568	10.54	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.31	101	728772	10.64	ppbv	100
13) Ethanol	4.34	45	51152	11.14	ppbv	94
14) Bromoethene	4.46	108	318901	11.06	ppbv	100
15) Acetone	4.61	43	674069	10.06	ppbv	99
16) 1,3-Butadiene	3.98	39	366250	11.08	ppbv	99
17) tert-Butyl alcohol	5.13	59	569032	11.83	ppbv	100
18) 1,1-Dichloroethene	5.09	96	341028	10.97	ppbv	96
19) Isopropyl Alcohol	4.76	45	346525	12.06	ppbv	98
20) Methylene Chloride	5.16	84	316524	10.84	ppbv	97
21) Allyl Chloride	5.24	41	532105	11.26	ppbv	100
22) trans-1,2-Dichloroethene	5.78	96	448562	10.81	ppbv	99
23) Vinyl Acetate	5.99	43	1475186	11.42	ppbv	99
24) 1,1-Dichloroethane	5.92	63	939256	10.58	ppbv	99
25) Ethyl Acetate	6.68	43	1521798	10.90	ppbv	100
26) Hexane	6.67	57	742020	10.85	ppbv	99
27) Carbon Disulfide	5.40	76	956250	11.69	ppbv	100
28) Methyl tert-Butyl Ether	5.96	73	1297856	10.84	ppbv	99
29) Chloroform	6.76	83	1070487	10.57	ppbv	99
30) Cyclohexane	8.30	84	735830	10.95	ppbv	99
31) cis-1,2-Dichloroethene	6.53	61	698432	11.09	ppbv	98
32) 1,1,1-Trichloroethane	7.61	97	1101849	9.83	ppbv	99
34) 2-Butanone	6.21	43	973859	11.11	ppbv	99
35) Carbon Tetrachloride	8.18	117	1128577	10.31	ppbv	98
36) Benzene	8.04	78	1652904	10.75	ppbv	100
37) 1,2-Dichloroethane	7.39	62	863616	10.89	ppbv	99
38) Trichloroethene	9.08	130	674095	9.13	ppbv	99
39) 1,2-Dichloropropane	8.84	63	598302	10.69	ppbv	98
40) 1,4-Dioxane	9.13	88	145710	15.22	ppbv	87
41) Tetrahydrofuran	7.13	42	580238	11.45	ppbv	100
42) Bromodichloromethane	9.04	83	1199100	11.29	ppbv	99
43) Methyl Methacrylate	9.28	69	632490	11.57	ppbv	99

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 29 14:29:54 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.10	57	2640792	10.53	ppbv	99
45) t-1,3-Dichloropropene	10.67	75	938929	12.19	ppbv	98
46) cis-1,3-Dichloropropene	10.04	75	1088194	11.62	ppbv	98
47) 1,1,2-Trichloroethane	10.90	97	743487	10.99	ppbv	99
48) Dibromochloromethane	11.82	129	1159536	11.98	ppbv	99
49) Bromoform	14.84	173	885539	11.78	ppbv	100
50) 4-Methyl-2-Pentanone	10.10	43	1337146	11.39	ppbv	99
51) 2-Hexanone	11.63	43	1312817	12.28	ppbv #	99
52) Tetrachloroethene	12.81	164	729966	9.41	ppbv	97
53) Toluene	11.26	91	2243601	11.24	ppbv	100
54) 1,2-Dibromoethane	12.16	107	1153412	11.26	ppbv	98
56) 1,1,1,2-Tetrachloroethane	13.81	131	820113	10.93	ppbv	94
57) Chlorobenzene	13.83	112	1756061	10.35	ppbv	98
58) Ethyl Benzene	14.43	91	3047436	10.84	ppbv	98
59) m/p-Xylene	14.74	91	4671296	20.98	ppbv #	100
60) o-Xylene	15.51	91	2373642	10.20	ppbv	100
61) Styrene	15.33	104	1157931	11.70	ppbv	99
62) Isopropylbenzene	16.57	105	3332172	10.55	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.51	83	1585747	8.75	ppbv	100
64) n-propylbenzene	17.54	120	913795	10.65	ppbv	96
65) tert-Butylbenzene	18.83	119	2913863	10.22	ppbv	99
66) Benzyl Chloride	19.13	91	1074223	12.08	ppbv	98
67) sec-Butylbenzene	19.43	105	4206255	10.40	ppbv	100
69) p-Isopropyltoluene	19.81	119	3465169	10.52	ppbv	99
70) n-Butylbenzene	20.78	91	3349172	10.69	ppbv	99
71) 2-Chlorotoluene	17.45	91	2499563	10.72	ppbv	100
72) 4-Ethyltoluene	17.84	105	2835116	10.84	ppbv	100
73) 1,3,5-Trimethylbenzene	18.01	105	2664496	10.80	ppbv	98
74) 1,2,4-Trimethylbenzene	18.86	105	2628394	10.18	ppbv	95
75) 1,3-Dichlorobenzene	19.14	146	1699100	10.16	ppbv	100
76) 1,4-Dichlorobenzene	19.30	146	1763338	10.37	ppbv	100
77) 1,2-Dichlorobenzene	20.05	146	1709352	10.25	ppbv	100
78) Hexachloro-1,3-Butadiene	24.69	225	655827	9.70	ppbv	100
79) Naphthalene	23.95	128	2097869	11.36	ppbv	100
80) Naphthalene, 2-methyl-	26.06	142	503429	14.78	ppbv	97
81) 1,2,4-Trichlorobenzene	23.75	180	986123	10.70	ppbv	100

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

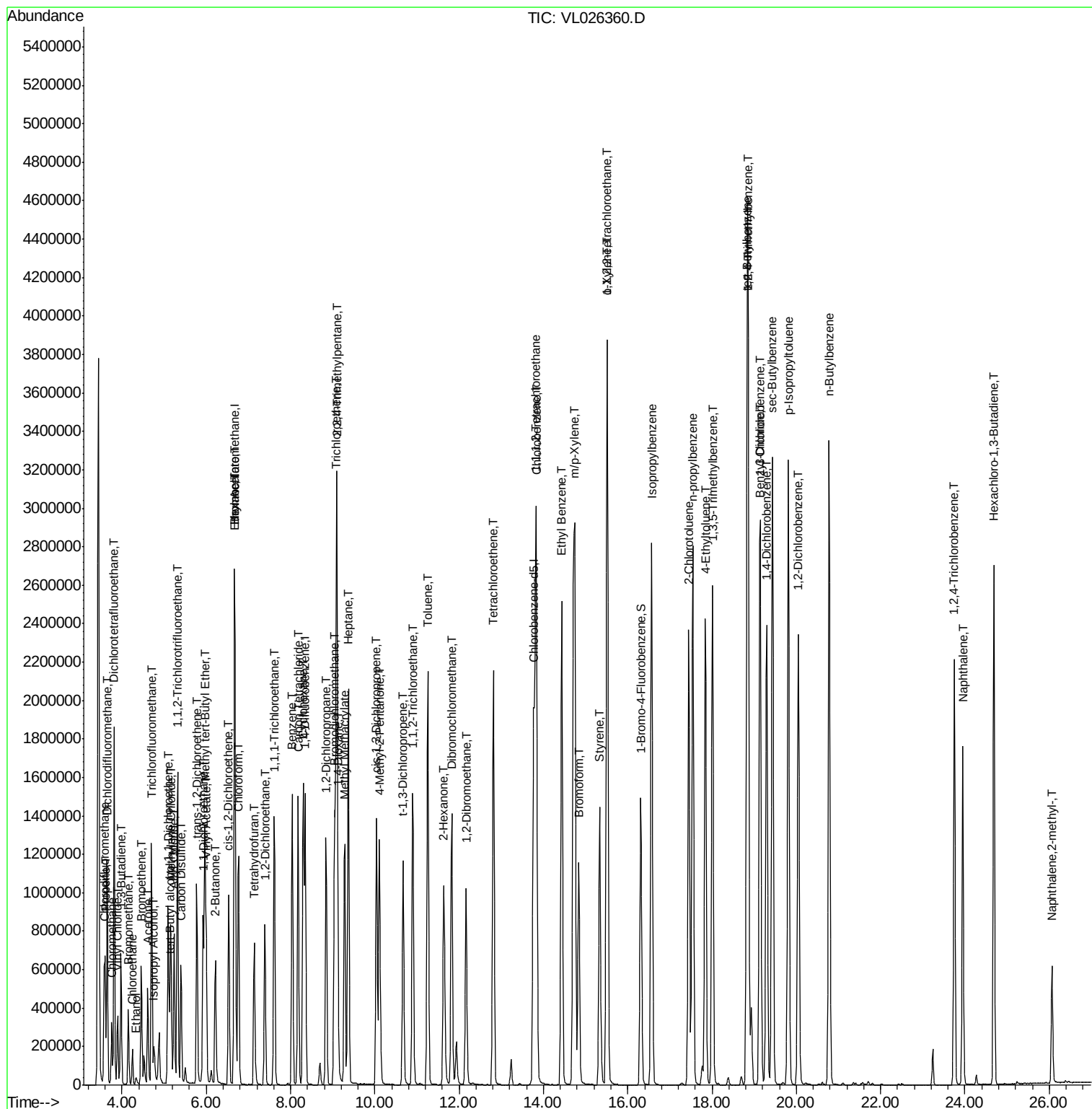
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Acq On    : 11 Nov 2015   10:36  
Operator  : SY/AP  
Sample    : VSTDCCC010  
Misc      : 400mL/MSVOA L  
ALS Vial  : 1      Sample Multiplier: 1
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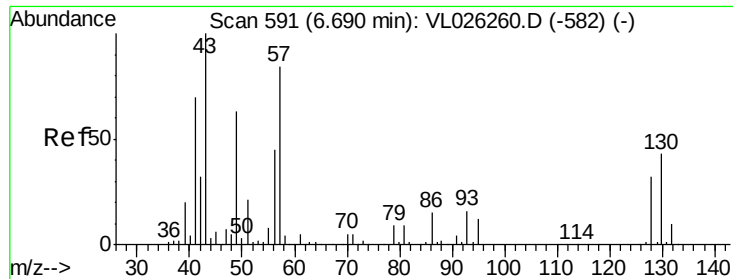
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct
QLast Update : Thu Oct 29 14:29:54 2015
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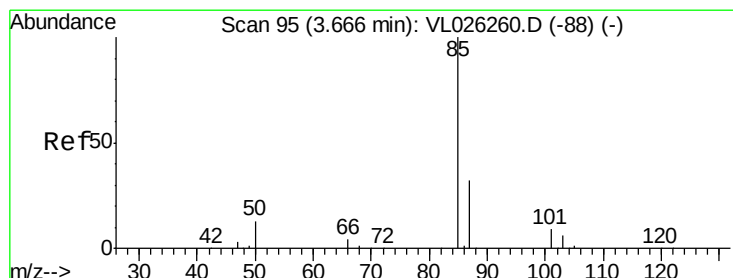
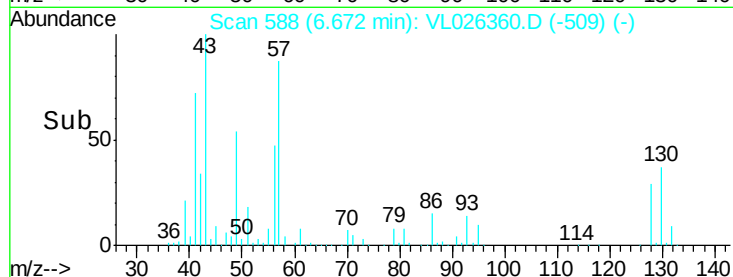
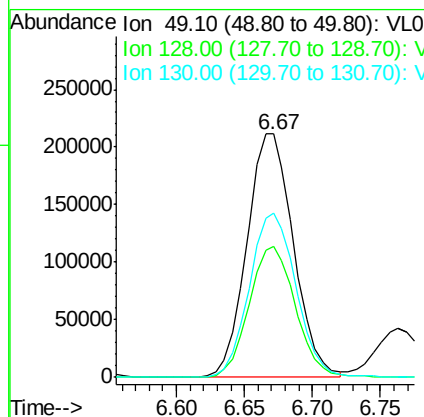
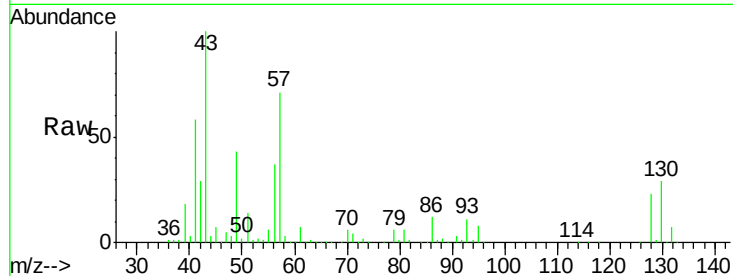
#1
Bromochloromethane
Concen: 10.00 ppbv
RT: 6.67 min Scan# 588
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 49 Resp: 506304
Ion Ratio Lower Upper
49 100
128 53.5 26.7 80.1
130 68.3 34.4 103.2

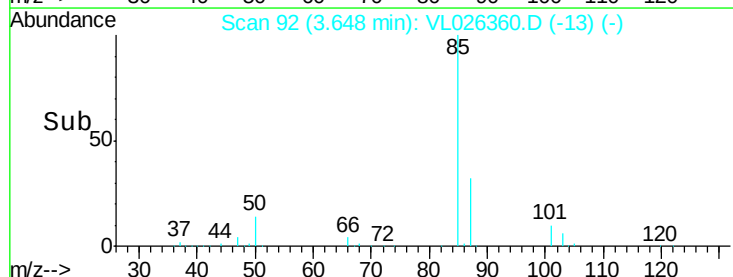
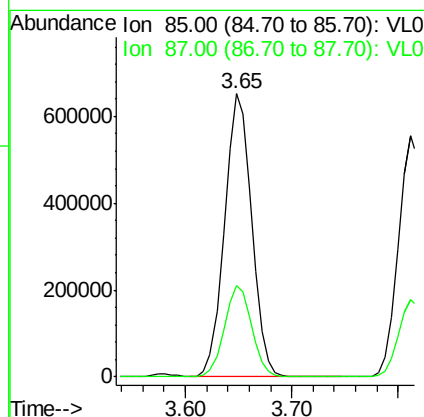
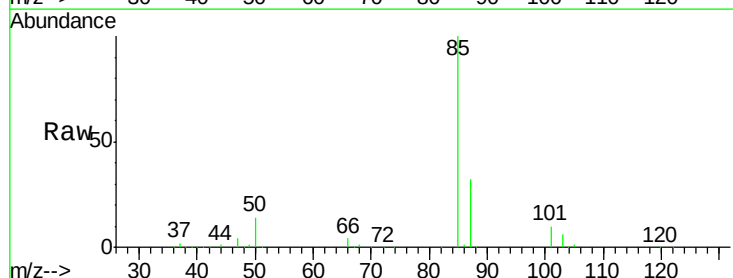
Manual Integrations
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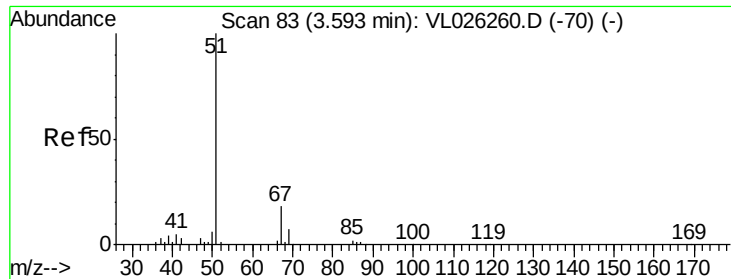
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#2
Dichlorodifluoromethane
Concen: 10.72 ppbv
RT: 3.65 min Scan# 92
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 85 Resp: 1161687
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9





#3

Chlorodifluoromethane

Concen: 10.50 ppbv

RT: 3.57 min Scan# 80

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 51 Resp: 669528

Ion Ratio Lower Upper

51 100

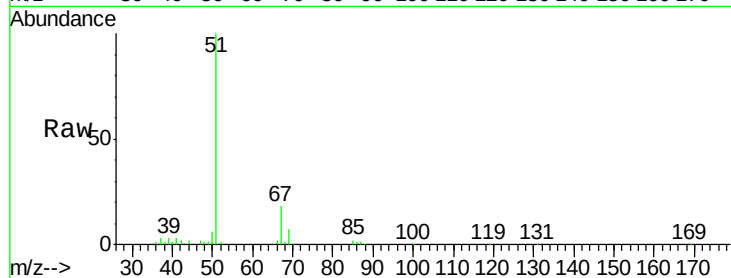
67 18.3 14.5 21.7

Manual Integrations

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0

3.57

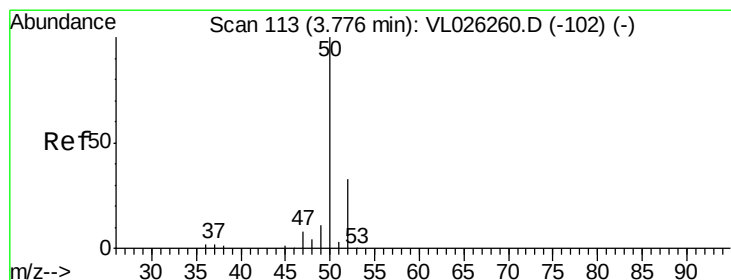
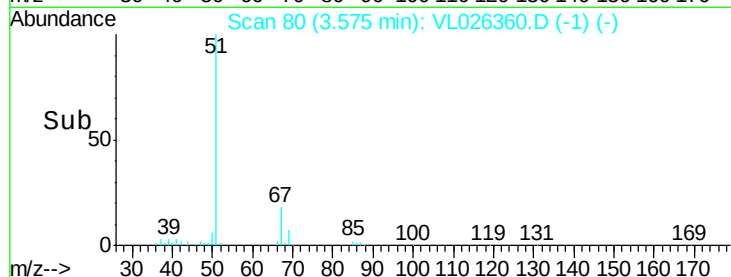
300000

200000

100000

0

Time-->



#4

Chloromethane

Concen: 10.77 ppbv

RT: 3.76 min Scan# 110

Delta R.T. -0.02 min

Lab File: VL026360.D

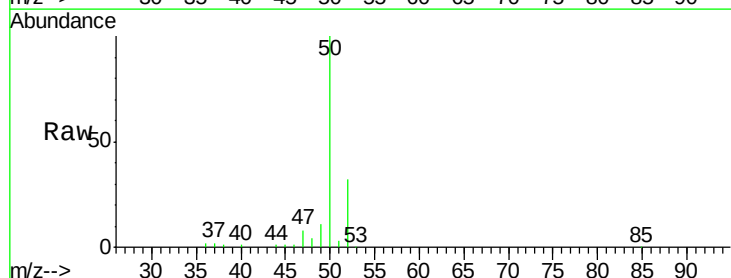
Acq: 11 Nov 2015 10:36

Tgt Ion: 50 Resp: 391847

Ion Ratio Lower Upper

50 100

52 32.1 26.1 39.1



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0

3.76

200000

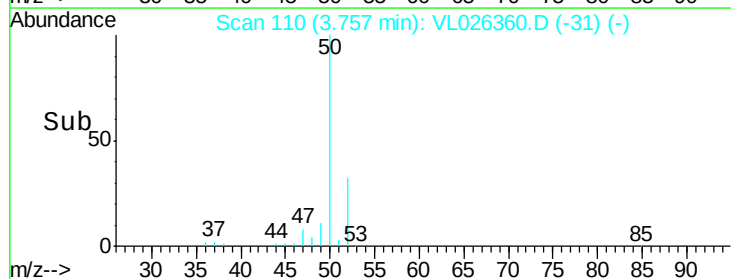
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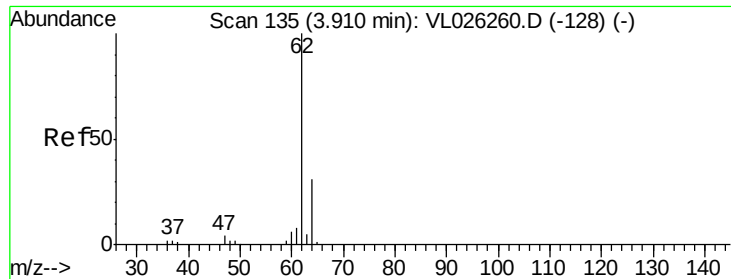
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50000

0

Time-->





#5

Vinyl Chloride

Concen: 10.24 ppbv

RT: 3.90 min Scan# 133

Delta R.T. -0.01 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 62 Resp: 410255

Ion Ratio Lower Upper

62 100

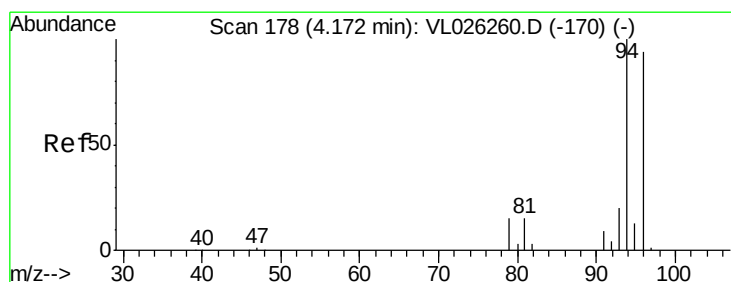
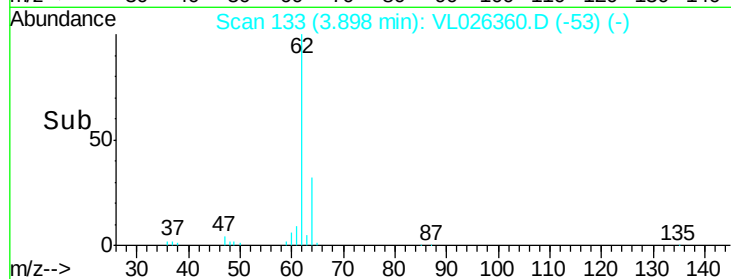
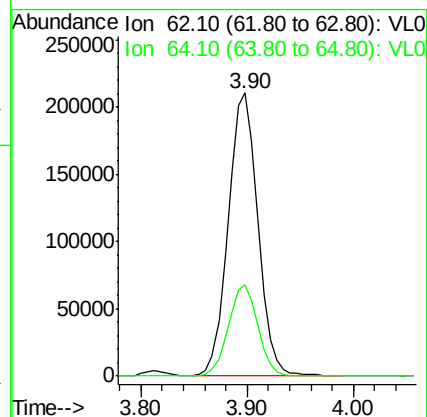
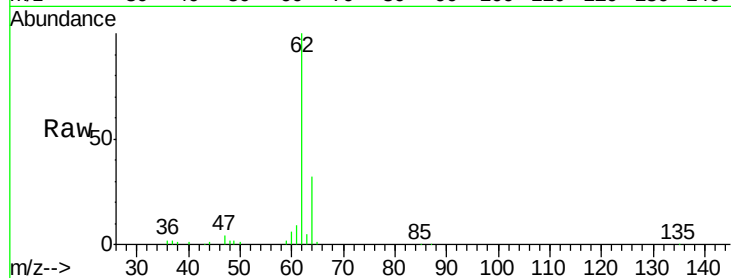
64 32.5 24.9 37.3

Manual Integrations

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#6

Bromomethane

Concen: 10.95 ppbv

RT: 4.15 min Scan# 175

Delta R.T. -0.02 min

Lab File: VL026360.D

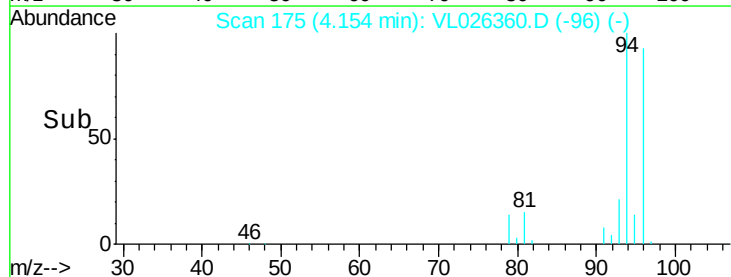
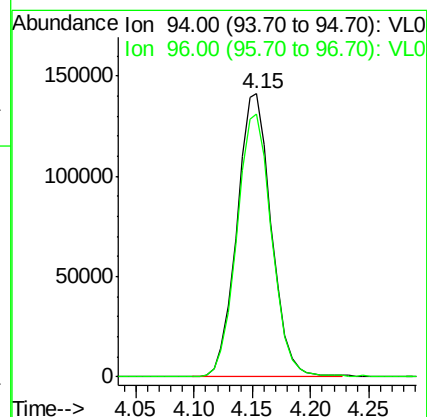
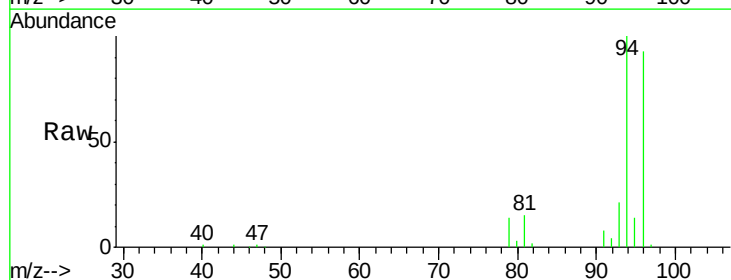
Acq: 11 Nov 2015 10:36

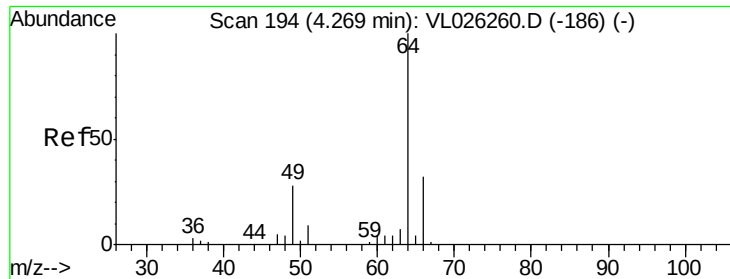
Tgt Ion: 94 Resp: 289743

Ion Ratio Lower Upper

94 100

96 93.1 75.5 113.3





#7

Chloroethane

Concen: 10.86 ppbv

RT: 4.25 min Scan# 190

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 64 Resp: 172480

Ion Ratio Lower Upper

64 100

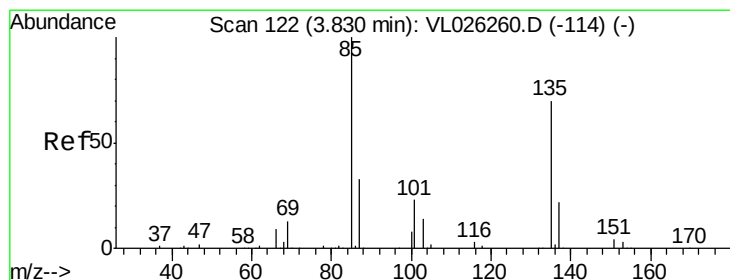
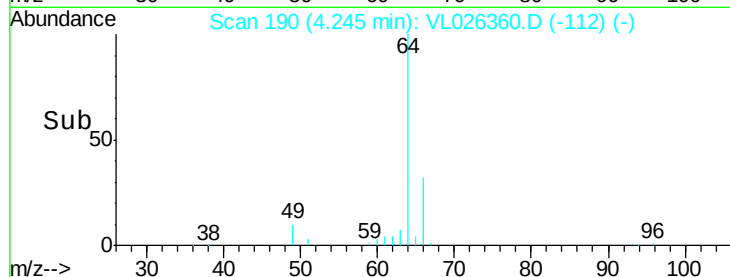
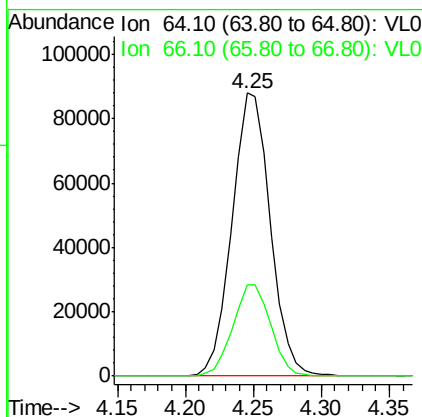
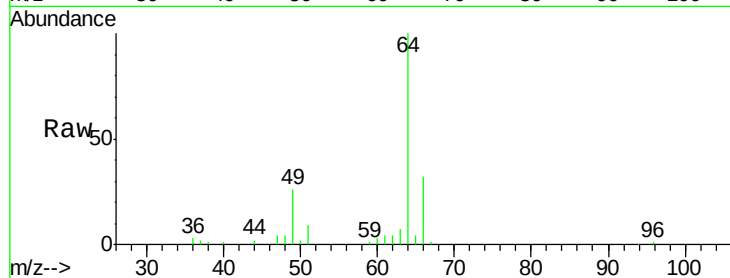
66 32.2 25.2 37.8

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#8

Dichlorotetrafluoroethane

Concen: 10.49 ppbv

RT: 3.81 min Scan# 119

Delta R.T. -0.02 min

Lab File: VL026360.D

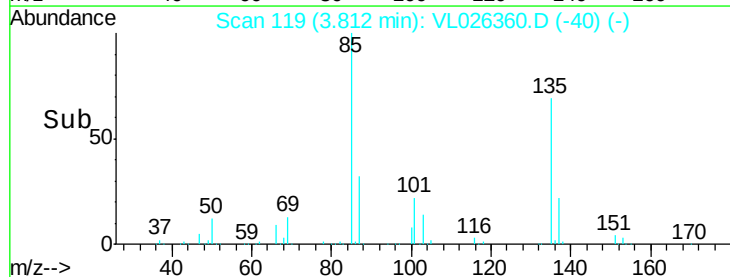
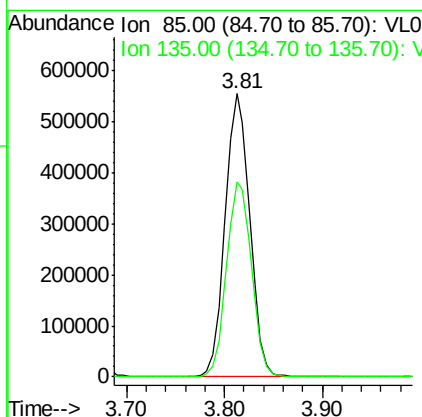
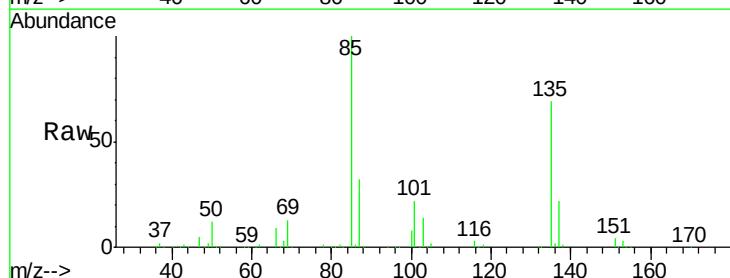
Acq: 11 Nov 2015 10:36

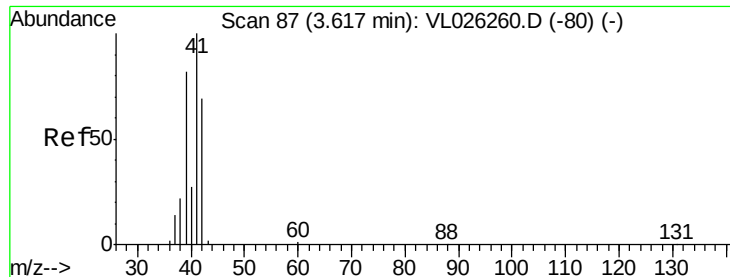
Tgt Ion: 85 Resp: 964490

Ion Ratio Lower Upper

85 100

135 70.2 56.6 84.8





#9

Propene

Concen: 10.77 ppbv

RT: 3.61 min Scan# 85

Delta R.T. -0.01 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 41 Resp: 330354

Ion Ratio Lower Upper

41 100

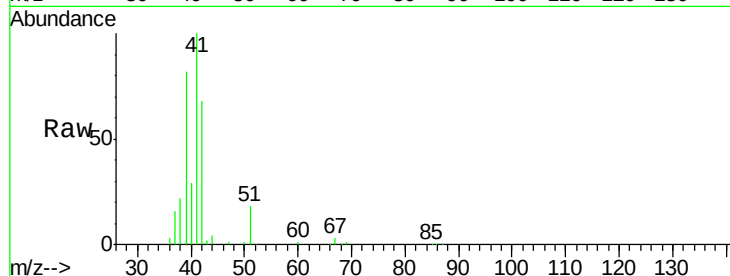
42 67.3 54.5 81.7

Manual Integrations

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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

200000

150000

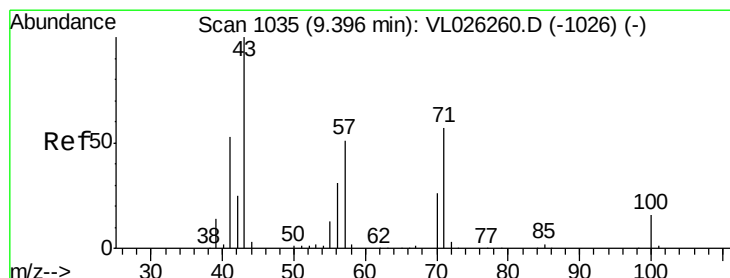
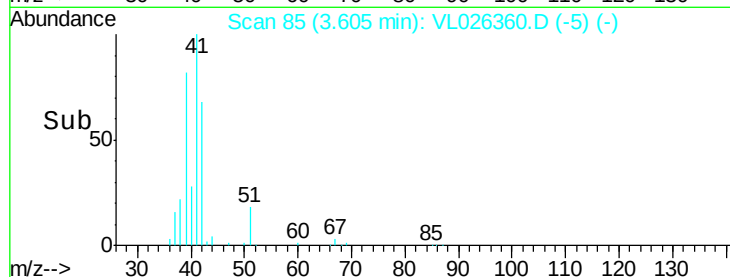
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50000

0

3.50 3.55 3.60 3.65 3.70

Time-->



#10

Heptane

Concen: 10.70 ppbv

RT: 9.37 min Scan# 1031

Delta R.T. -0.02 min

Lab File: VL026360.D

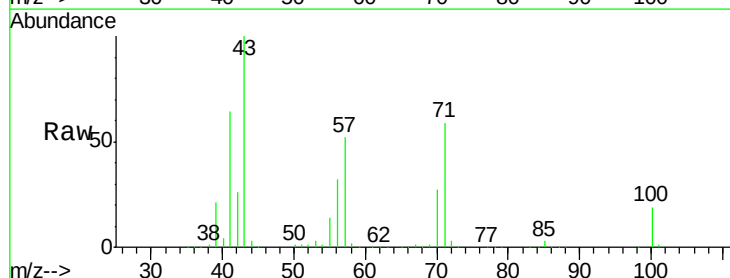
Acq: 11 Nov 2015 10:36

Tgt Ion: 43 Resp: 1107025

Ion Ratio Lower Upper

43 100

57 52.4 41.1 61.7



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0

500000

400000

300000

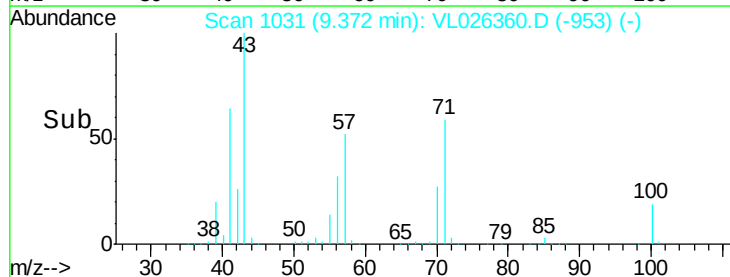
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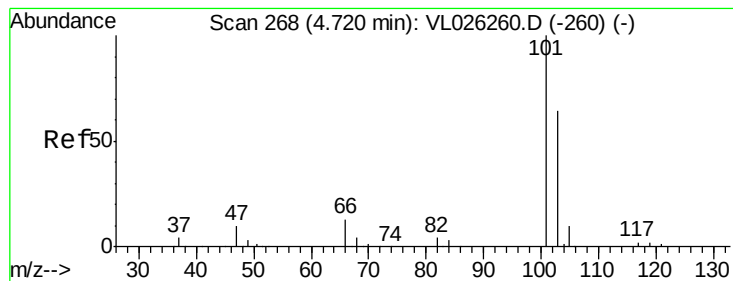
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9.30 9.40 9.50

Time-->





#11

Trichlorofluoromethane

Concen: 10.54 ppbv

RT: 4.70 min Scan# 265

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:101 Resp: 1081568

Ion Ratio Lower Upper

101 100

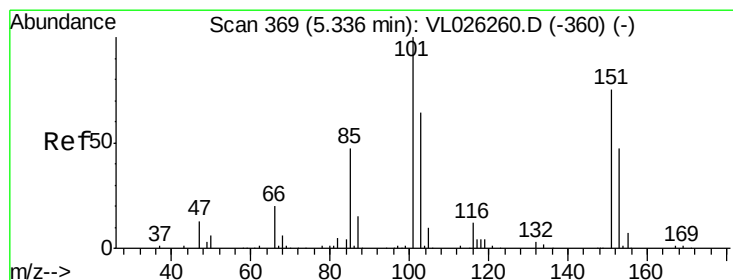
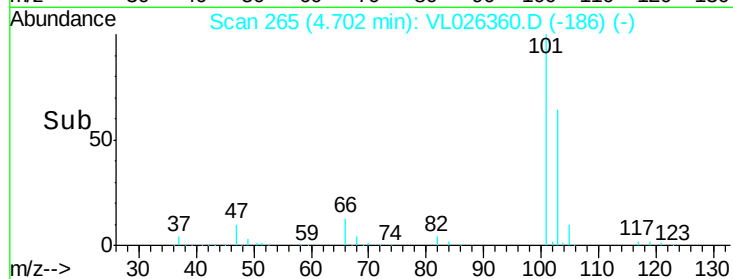
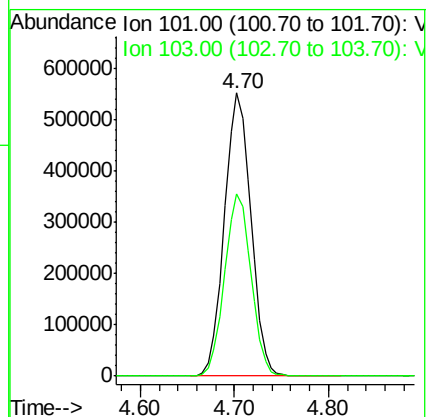
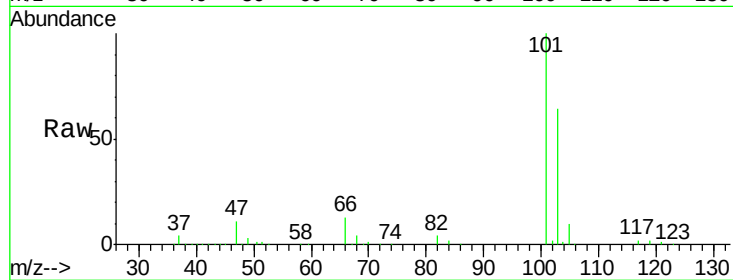
103 64.4 51.4 77.0

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#12

1,1,2-Trichlorotrifluoroethane

Concen: 10.64 ppbv

RT: 5.31 min Scan# 365

Delta R.T. -0.02 min

Lab File: VL026360.D

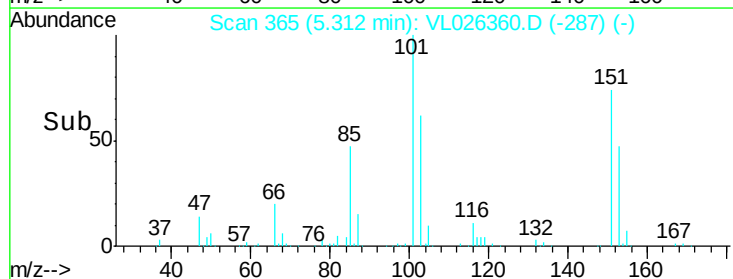
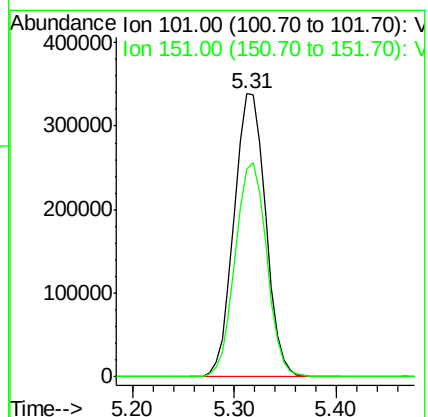
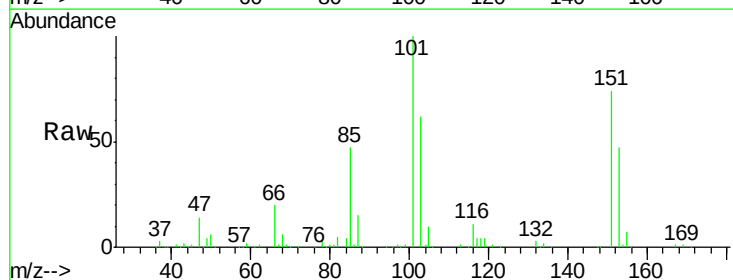
Acq: 11 Nov 2015 10:36

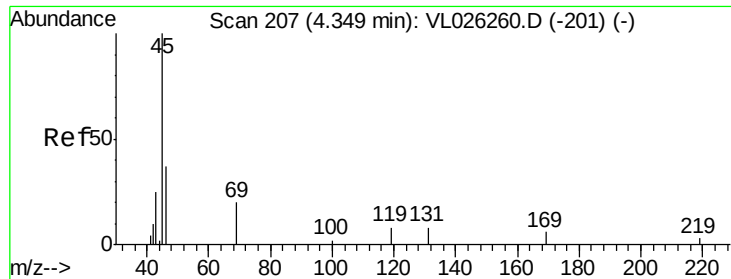
Tgt Ion:101 Resp: 728772

Ion Ratio Lower Upper

101 100

151 75.6 60.3 90.5





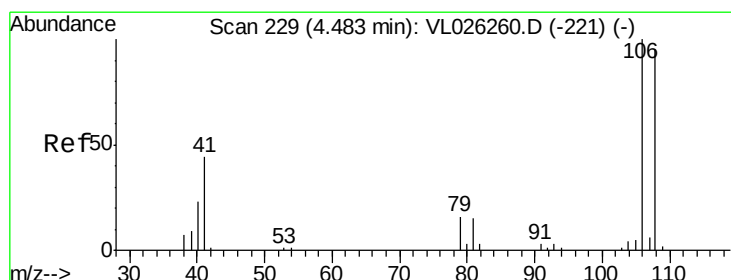
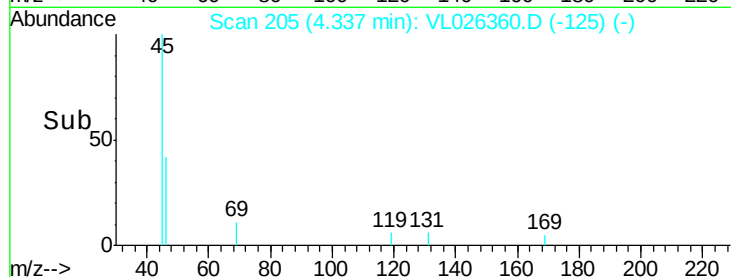
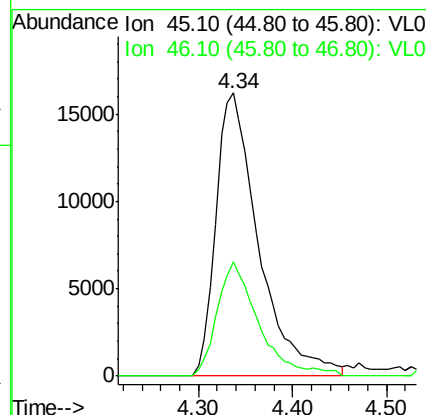
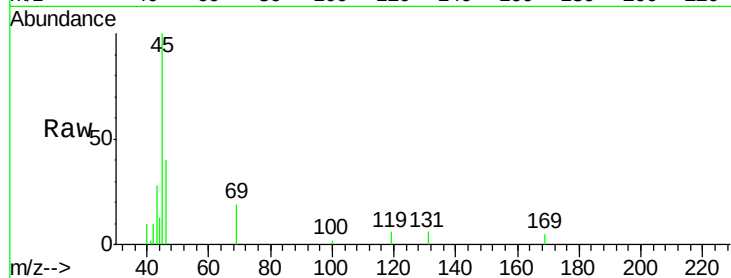
#13
Ethanol
Concen: 11.14 ppbv
RT: 4.34 min Scan# 205
Delta R.T. -0.01 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 45 Resp: 51152
Ion Ratio Lower Upper
45 100
46 39.0 17.0 68.0

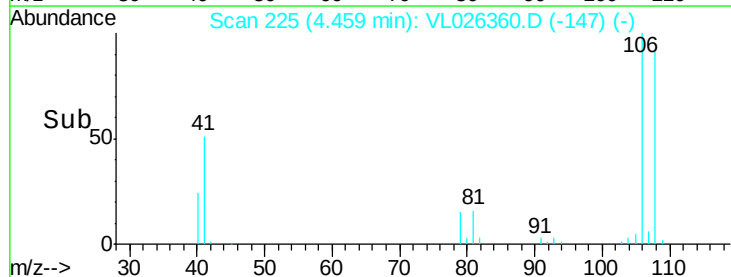
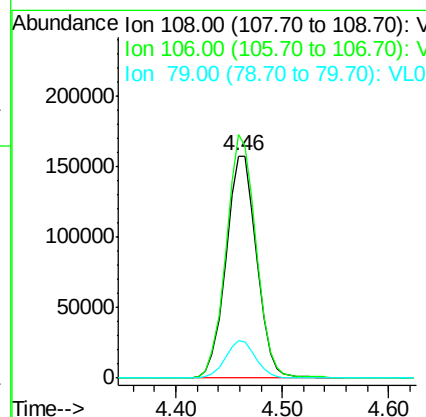
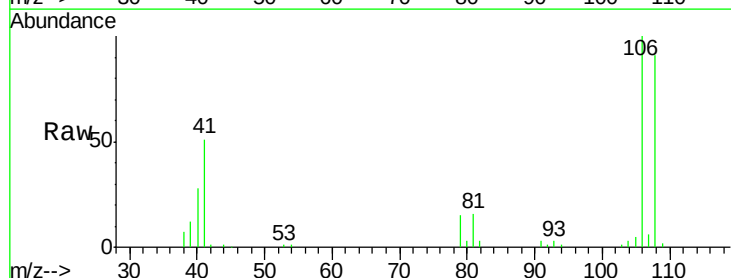
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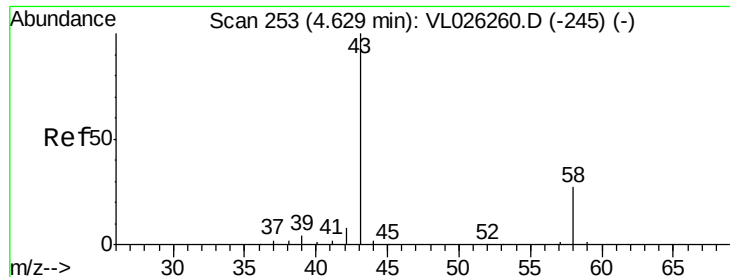
mohammad
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#14
Bromoethene
Concen: 11.06 ppbv
RT: 4.46 min Scan# 225
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 108 Resp: 318901
Ion Ratio Lower Upper
108 100
106 107.2 85.4 128.0
79 16.7 13.5 20.3





#15

Acetone

Concen: 10.06 ppbv

RT: 4.61 min Scan# 250

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tot Ion: 43 Resp: 674069

Ion Ratio Lower Upper

43 100

58 27.5 22.3 33.5

Instrument :

MSVOA_L

ClientSampleId :

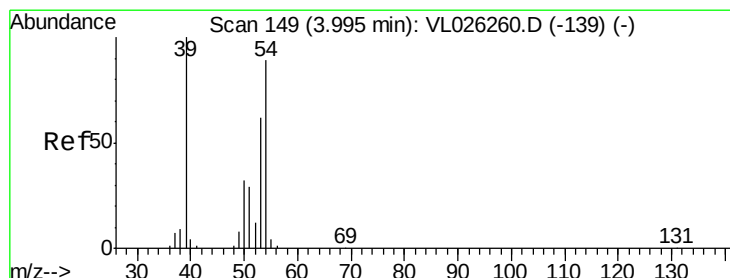
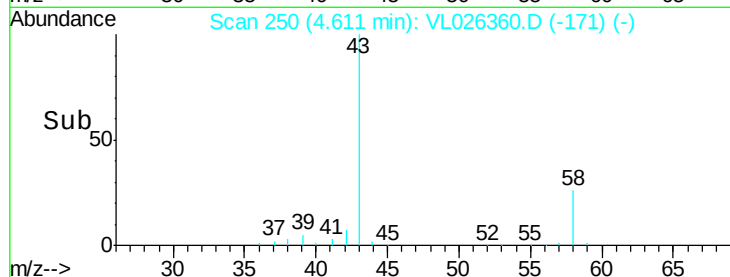
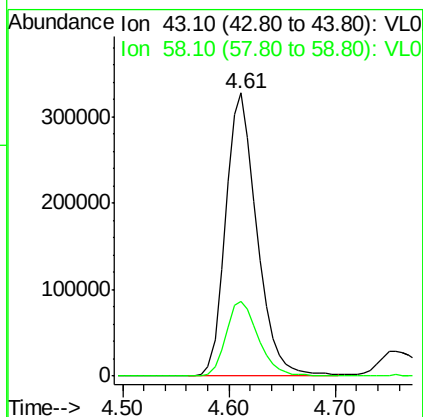
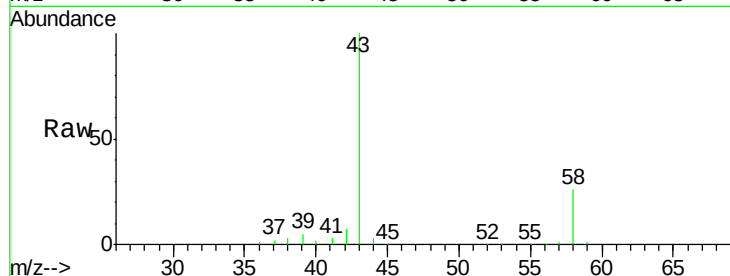
VSTDCCC010

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#16

1,3-Butadiene

Concen: 11.08 ppbv

RT: 3.98 min Scan# 146

Delta R.T. -0.02 min

Lab File: VL026360.D

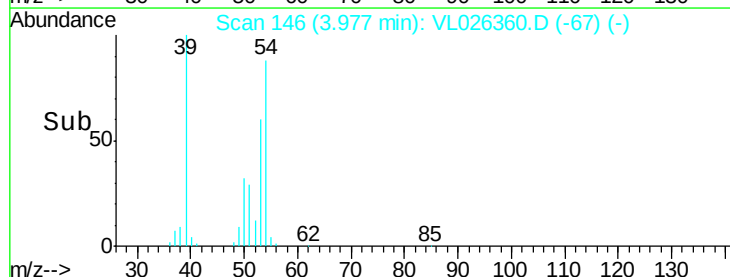
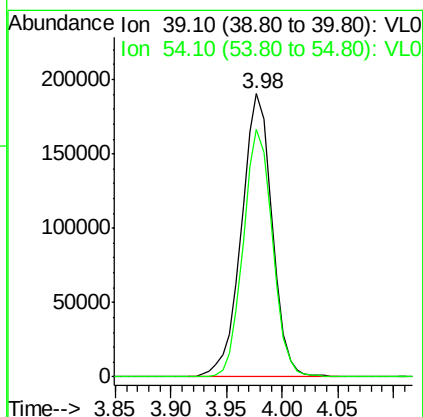
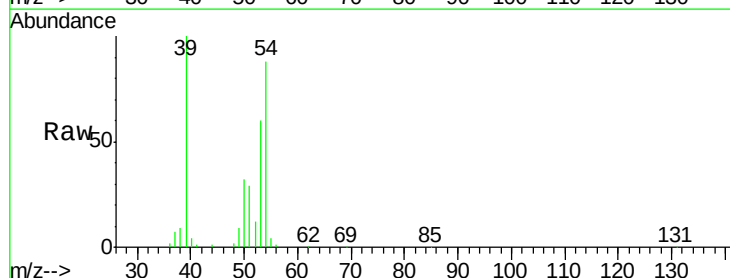
Acq: 11 Nov 2015 10:36

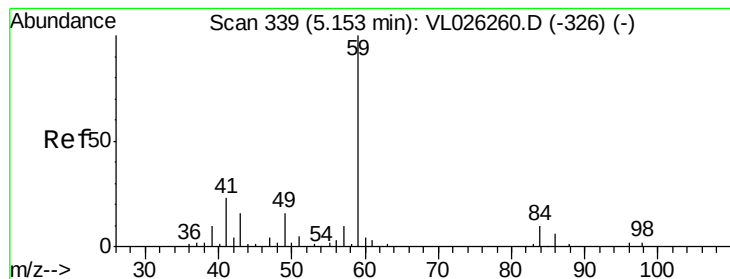
Tgt Ion: 39 Resp: 366250

Ion Ratio Lower Upper

39 100

54 83.6 67.3 100.9





#17

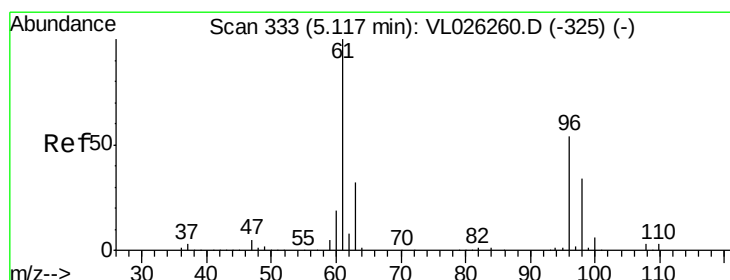
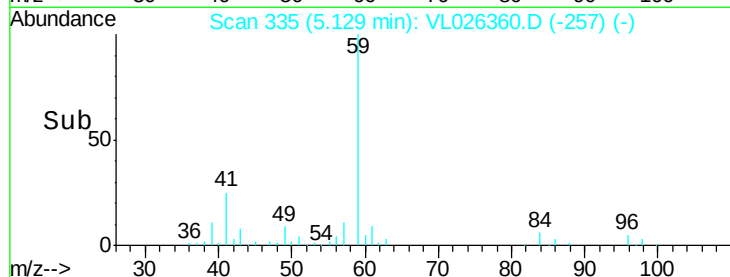
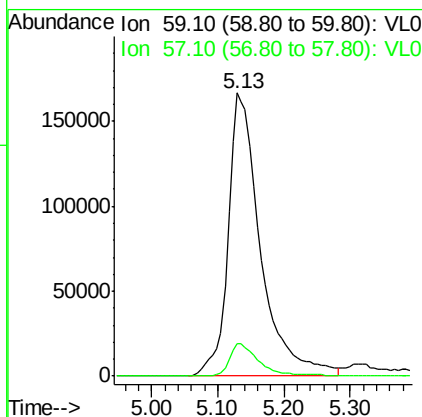
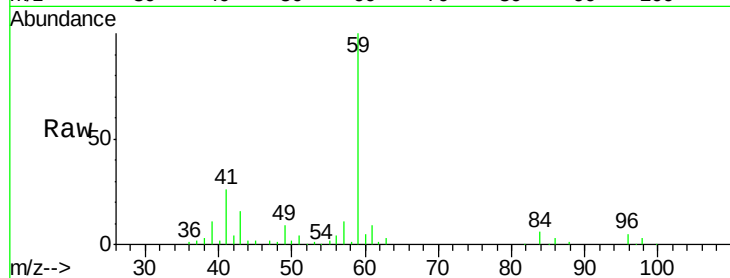
tert-Butyl alcohol
Concen: 11.83 ppbv
RT: 5.13 min Scan# 335
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	59	Resp	569032
Ion Ratio	100	Lower	Upper
57	10.7	8.7	13.1

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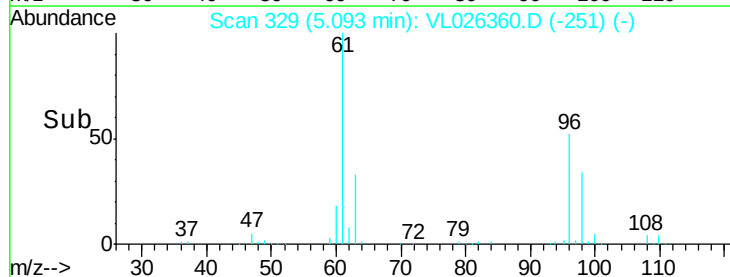
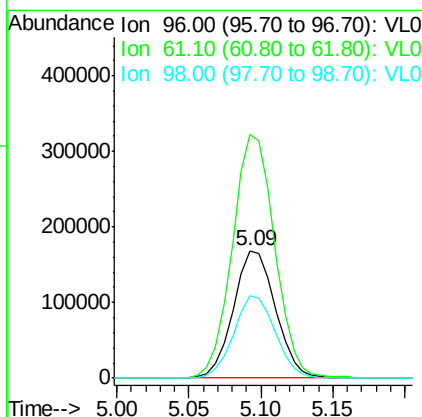
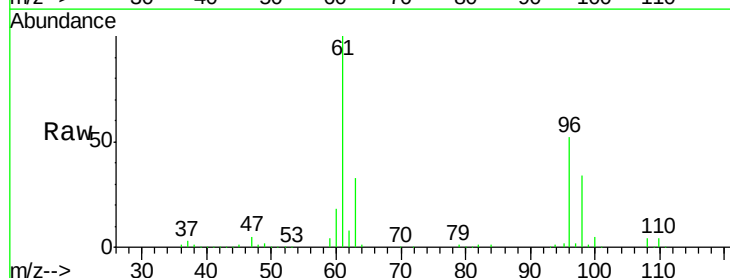
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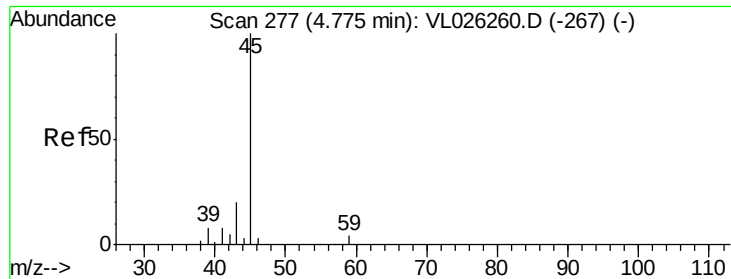


#18

1,1-Dichloroethene
Concen: 10.97 ppbv
RT: 5.09 min Scan# 329
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	96	Resp	341028
Ion Ratio	100	Lower	Upper
61	190.7	147.0	220.4
98	65.1	50.1	75.1





#19

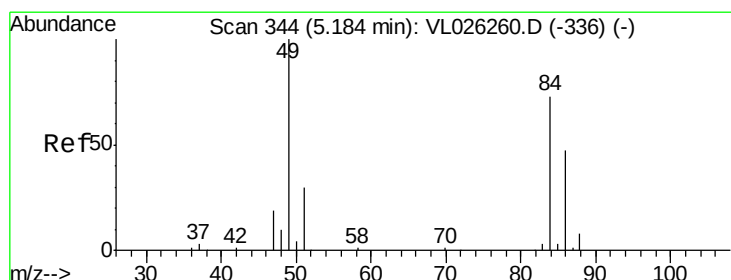
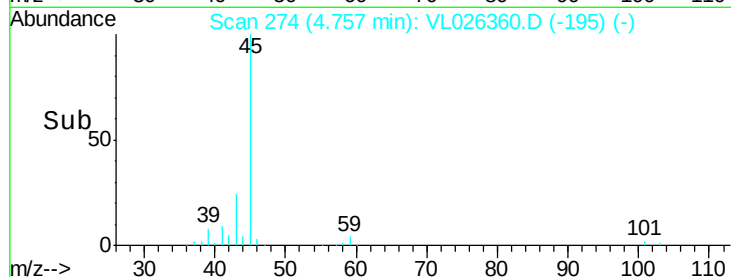
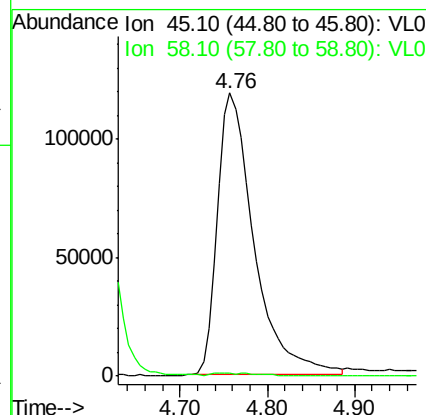
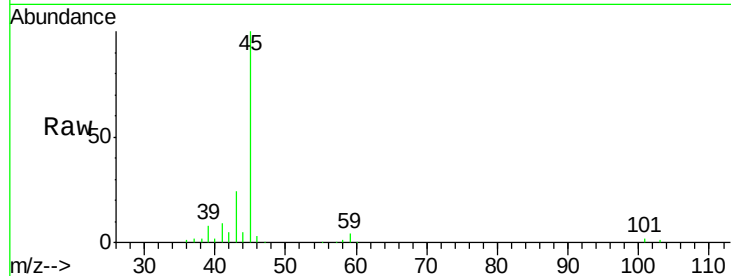
Isopropyl Alcohol
 Concen: 12.06 ppbv
 RT: 4.76 min Scan# 274
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
45	100		
58	53.4	43.8	65.8

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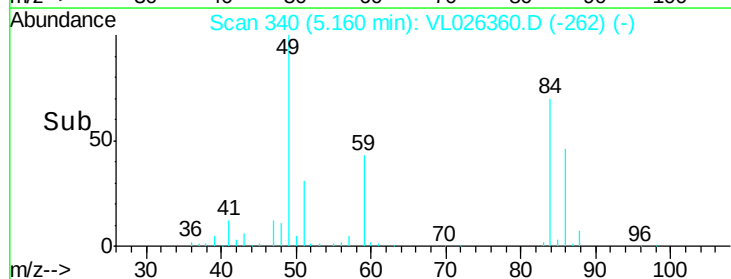
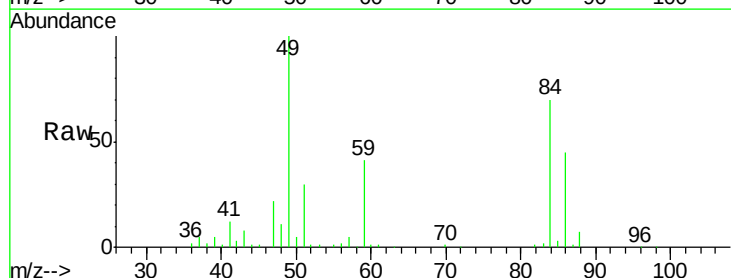
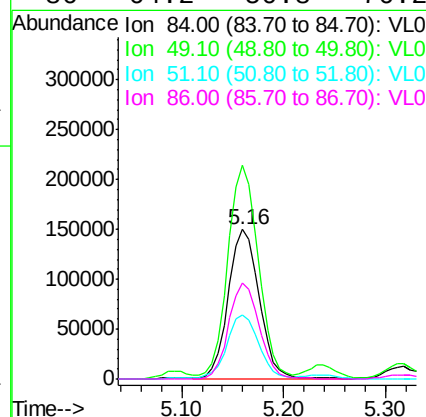
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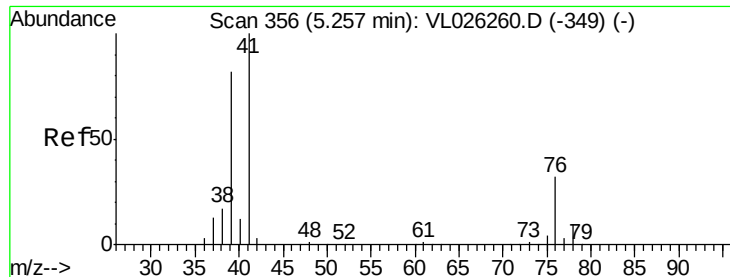


#20

Methylene Chloride
 Concen: 10.84 ppbv
 RT: 5.16 min Scan# 340
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.6	109.0	163.4
51	42.7	32.8	49.2
86	64.2	50.8	76.2





#21

Allvl Chloride

Concen: 11.26 ppbv

RT: 5.24 min Scan# 353

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

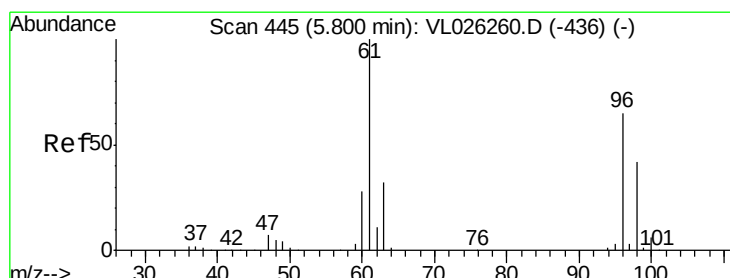
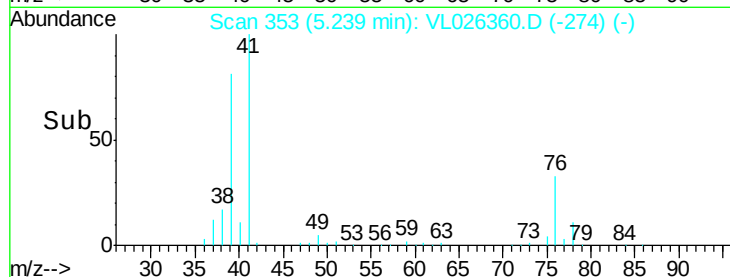
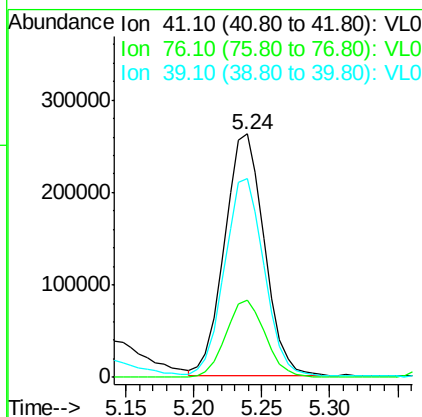
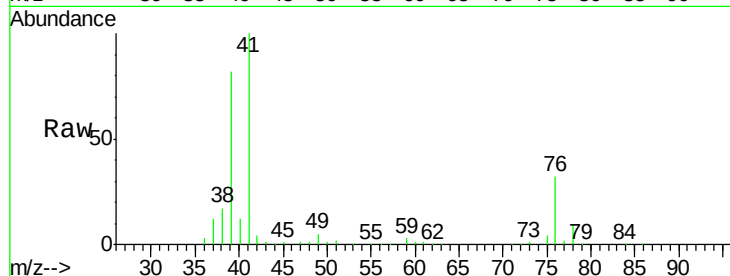
ClientSampleId :

VSTDCCC010

Tot Ion:	41	Resp:	532105
Ion Ratio	Lower	Upper	
41	100		
76	31.9	25.9	38.9
39	82.2	65.8	98.6

Manual Integrations
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#22

trans-1,2-Dichloroethene

Concen: 10.81 ppbv

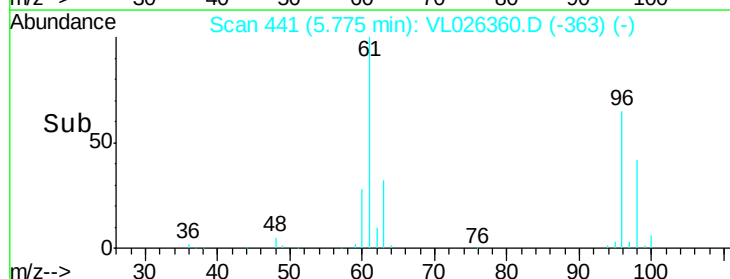
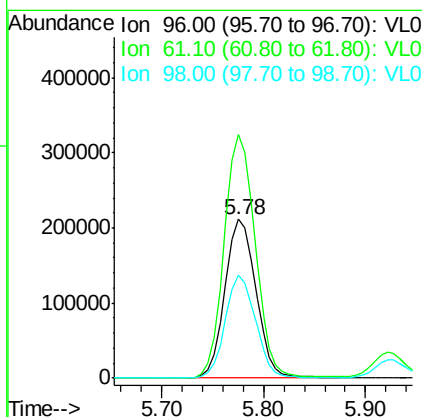
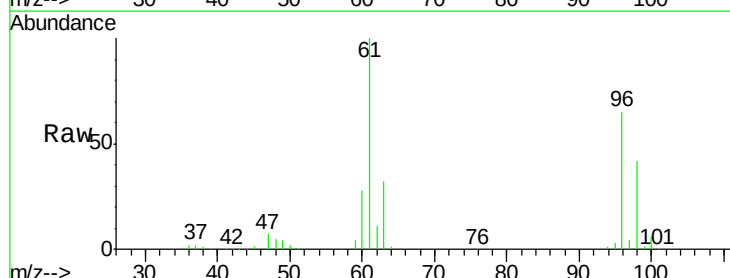
RT: 5.78 min Scan# 441

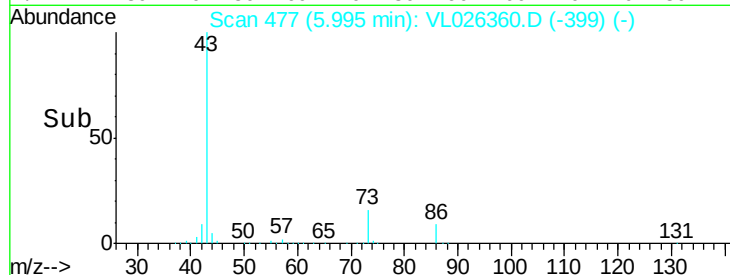
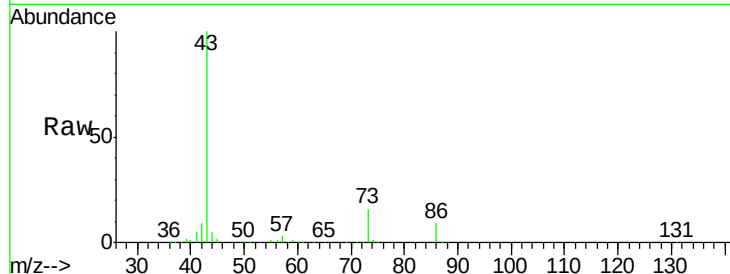
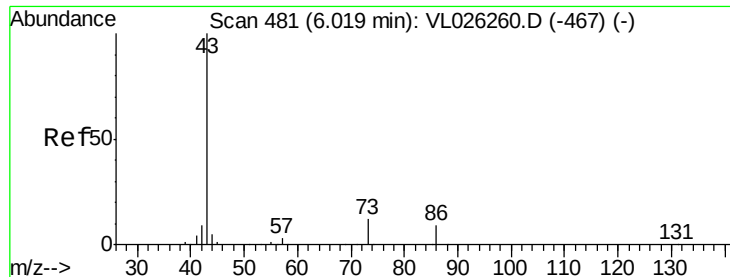
Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:	96	Resp:	448562
Ion Ratio	Lower	Upper	
96	100		
61	153.2	123.2	184.8
98	64.4	51.4	77.0





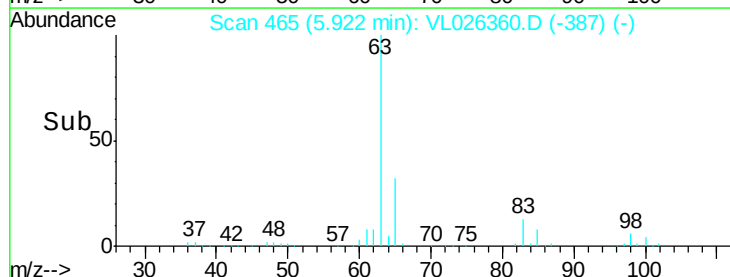
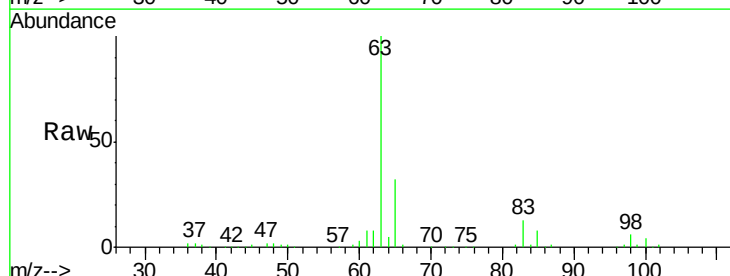
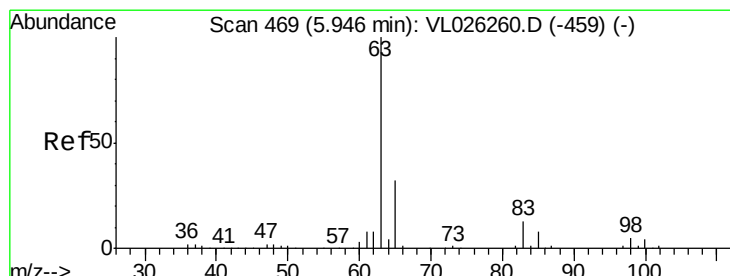
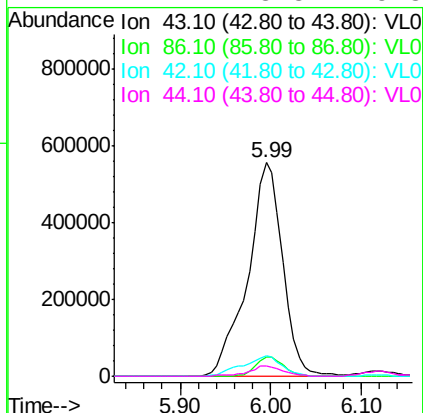
#23
Vinyl Acetate
Concen: 11.42 ppbv
RT: 5.99 min Scan# 477
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
86	8.9	7.3	10.9	
42	9.4	7.2	10.8	
44	4.7	3.8	5.8	

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

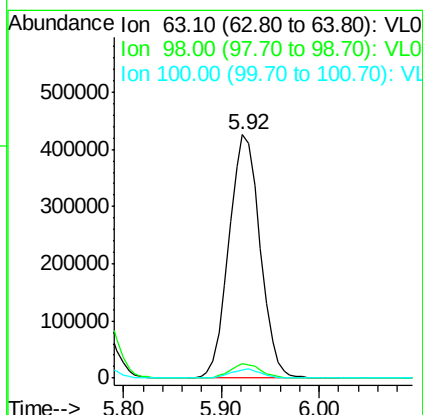
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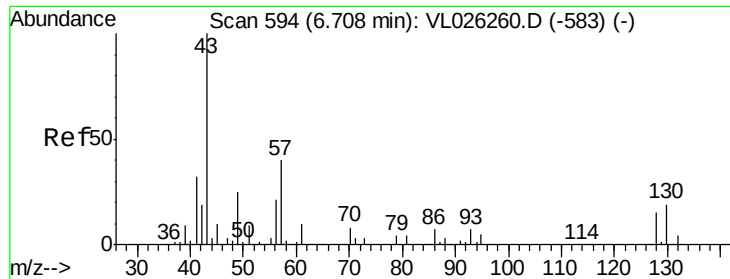
mohammad
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#24
1,1-Dichloroethane
Concen: 10.58 ppbv
RT: 5.92 min Scan# 465
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
63	100			
98	5.9	2.7	8.1	
100	3.5	1.9	5.7	





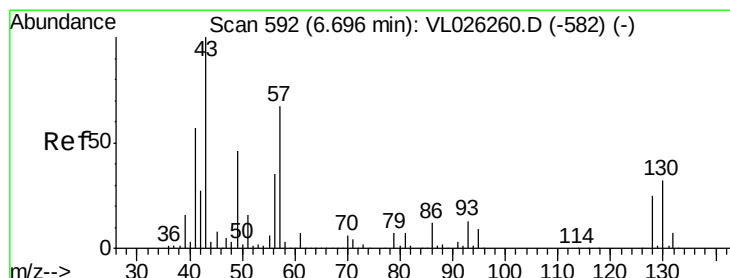
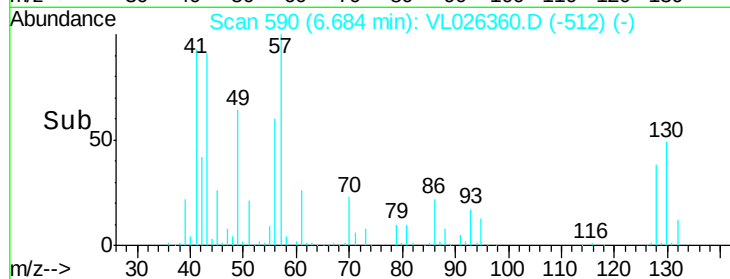
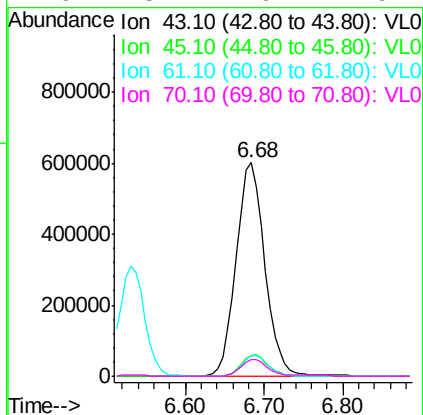
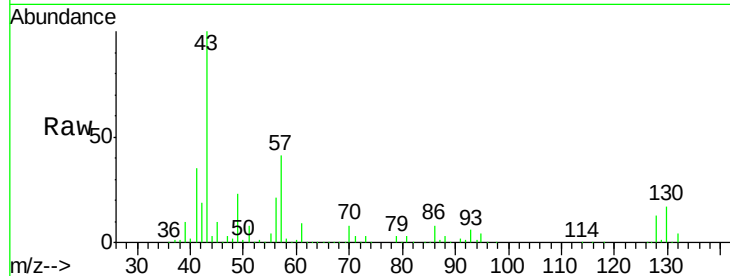
#25
Ethyl Acetate
Concen: 10.90 ppbv
RT: 6.68 min Scan# 590
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:	43	Resp:	1521798
Ion	Ratio	Lower	Upper
43	100		
45	9.5	7.6	11.4
61	9.0	7.4	11.2
70	8.2	6.7	10.1

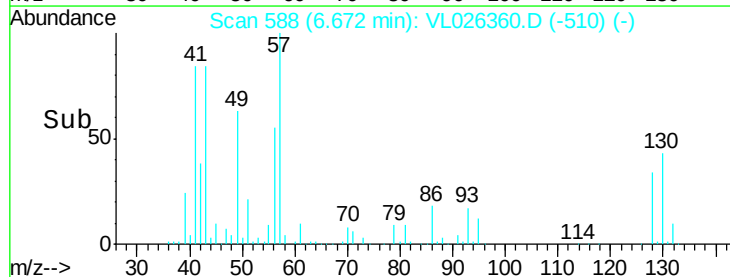
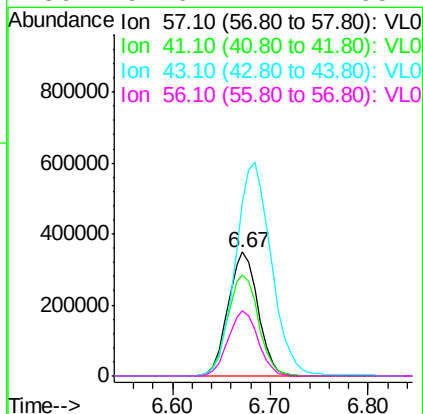
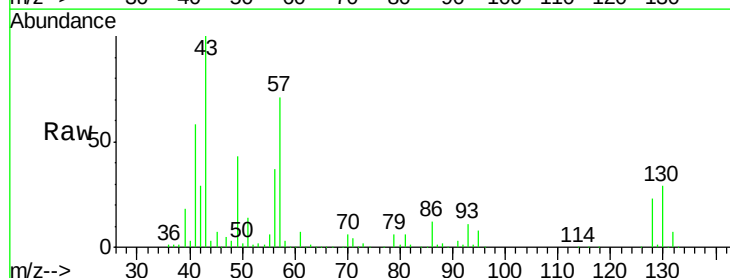
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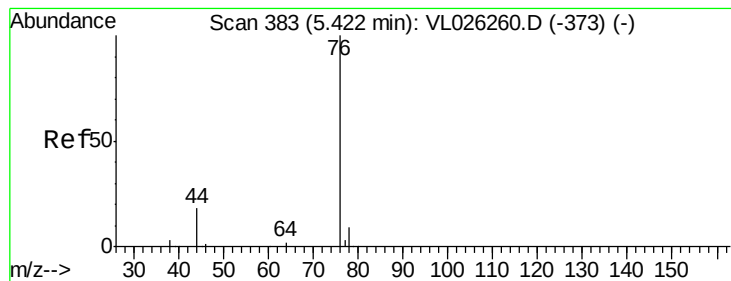
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#26
Hexane
Concen: 10.85 ppbv
RT: 6.67 min Scan# 588
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion:	57	Resp:	742020
Ion	Ratio	Lower	Upper
57	100		
41	85.1	67.4	101.2
43	206.8	163.9	245.9
56	52.6	42.2	63.2





#27

Carbon Disulfide

Concen: 11.69 ppbv

RT: 5.40 min Scan# 379

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

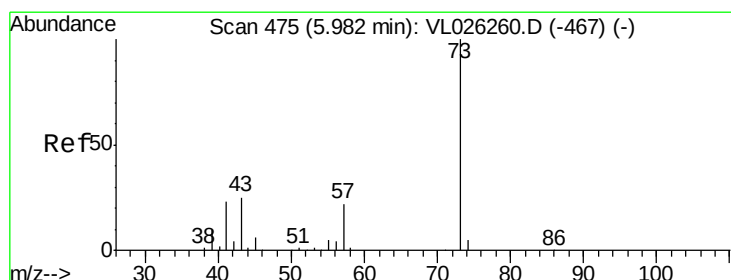
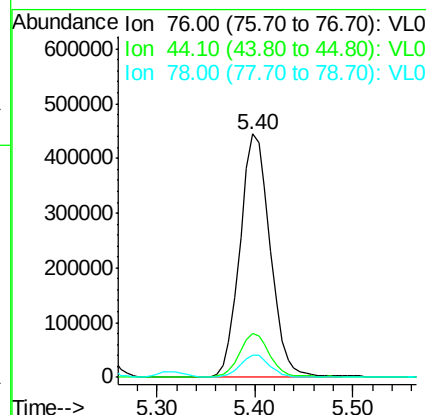
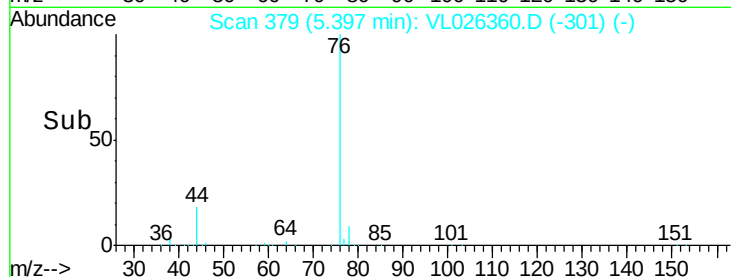
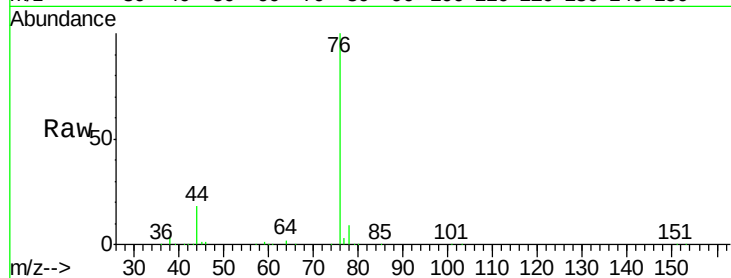
ClientSampleId :

VSTDCCC010

Tot Ion:	76	Resp:	956250
Ion Ratio	Lower	Upper	
76	100		
44	17.7	14.1	21.1
78	9.1	7.4	11.0

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#28

Methyl tert-Butyl Ether

Concen: 10.84 ppbv

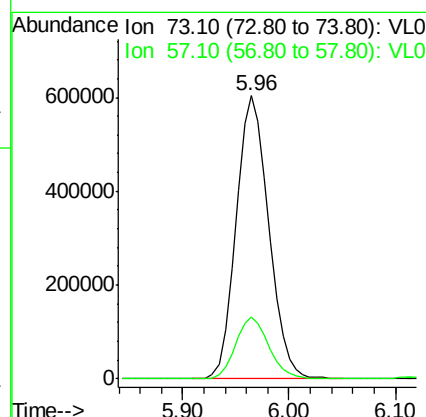
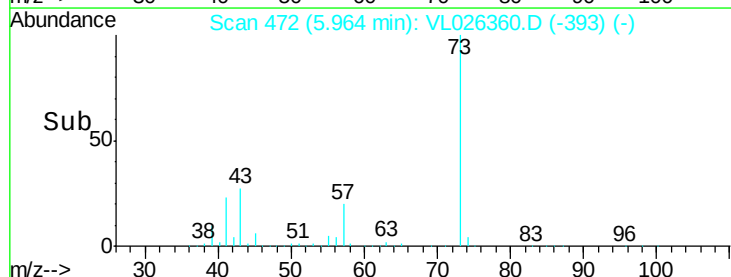
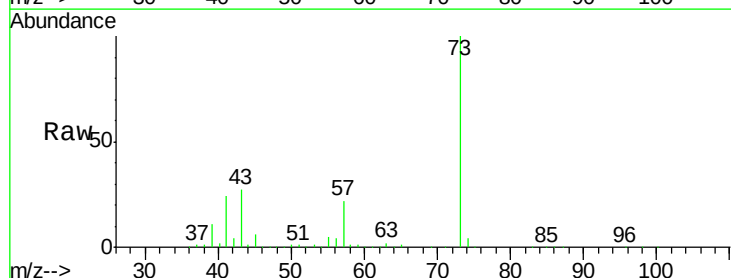
RT: 5.96 min Scan# 472

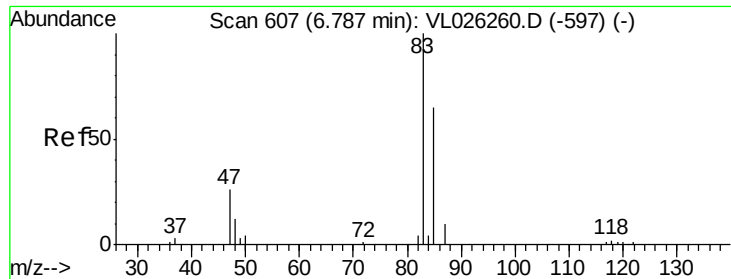
Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:	73	Resp:	1297856
Ion Ratio	Lower	Upper	
73	100		
57	22.5	17.8	26.6





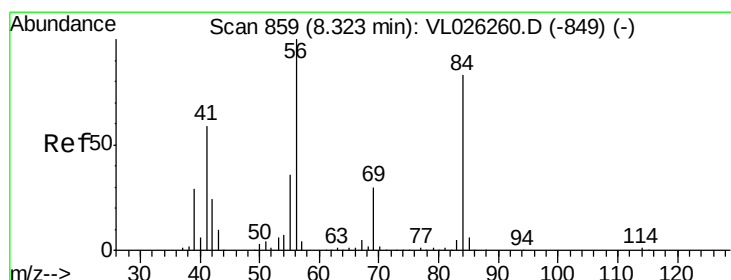
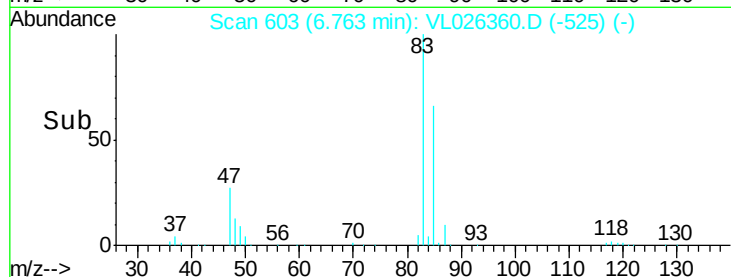
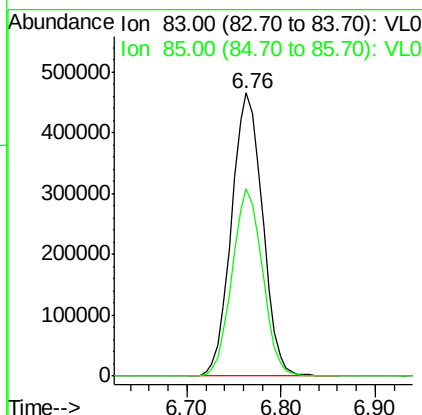
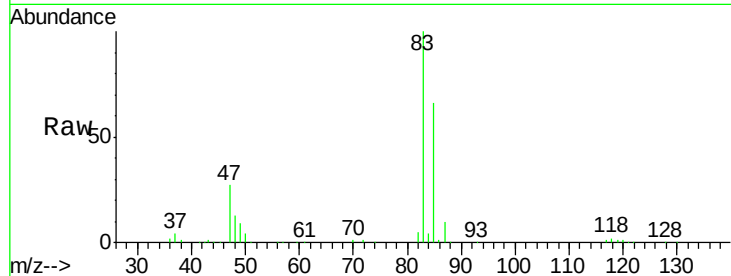
#29
Chloroform
Concen: 10.57 ppbv
RT: 6.76 min Scan# 603
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 83 Resp: 1070487
Ion Ratio Lower Upper
83 100
85 66.2 52.0 78.0

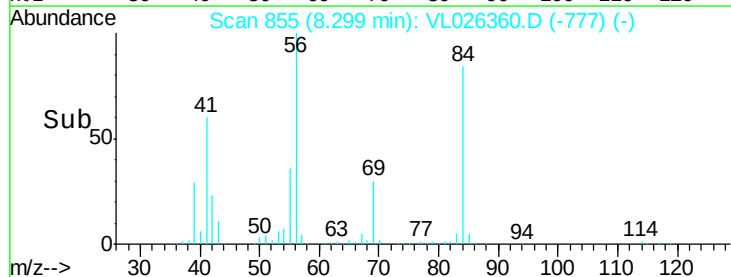
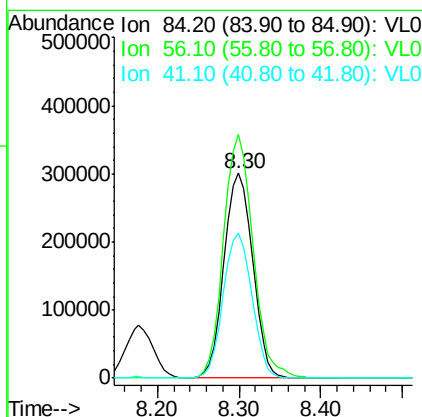
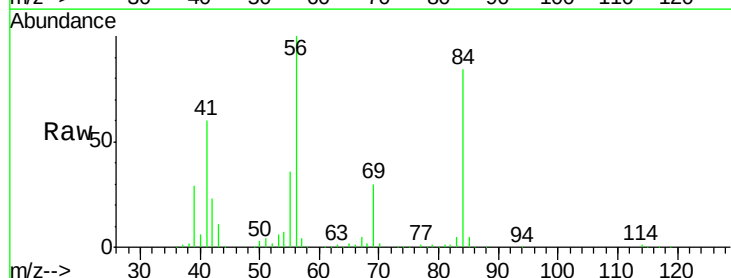
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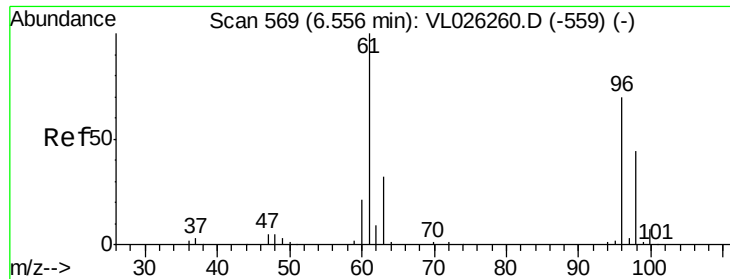
mohammad
11/12/2015 6:51:46 PM



#30
Cyclohexane
Concen: 10.95 ppbv
RT: 8.30 min Scan# 855
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 84 Resp: 735830
Ion Ratio Lower Upper
84 100
56 122.0 99.6 149.4
41 70.9 56.7 85.1





#31

cis-1,2-Dichloroethene

Concen: 11.09 ppbv

RT: 6.53 min Scan# 565

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

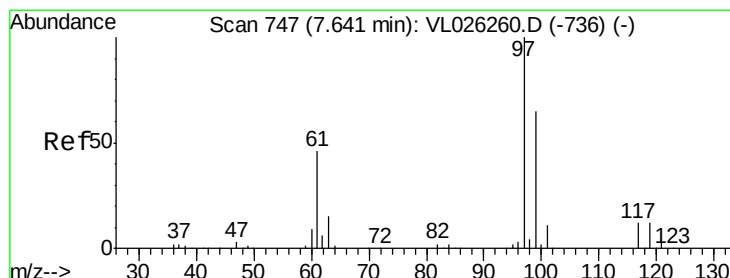
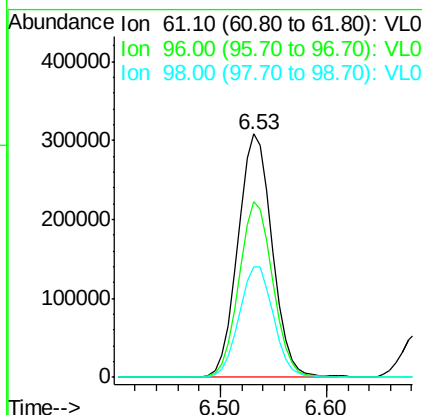
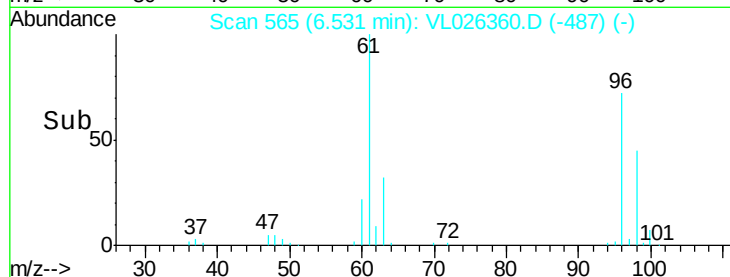
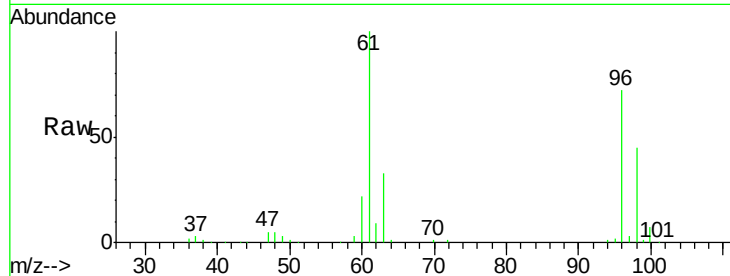
ClientSampleId :

VSTDCCC010

Tot Ion:	61	Resp:	698432
Ion Ratio	Lower	Upper	
61	100		
96	72.2	56.2	84.4
98	45.5	35.4	53.2

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 9.83 ppbv

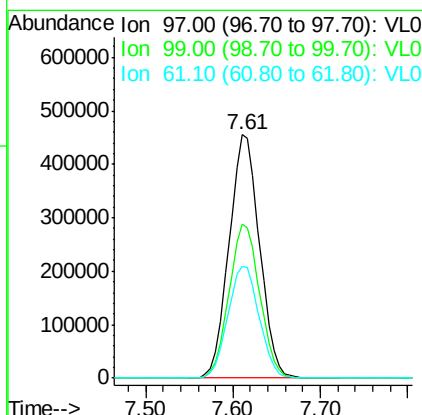
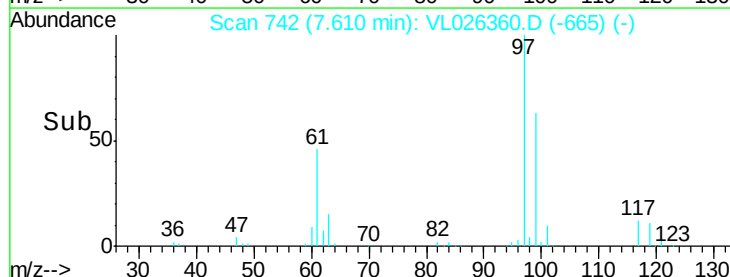
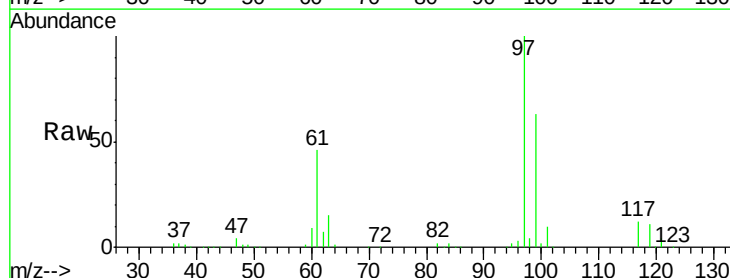
RT: 7.61 min Scan# 742

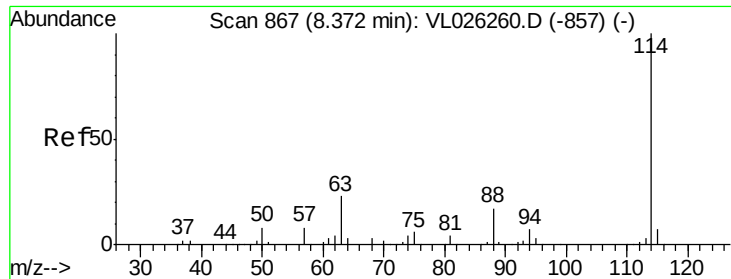
Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:	97	Resp:	1101849
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.0	76.6
61	47.3	37.1	55.7





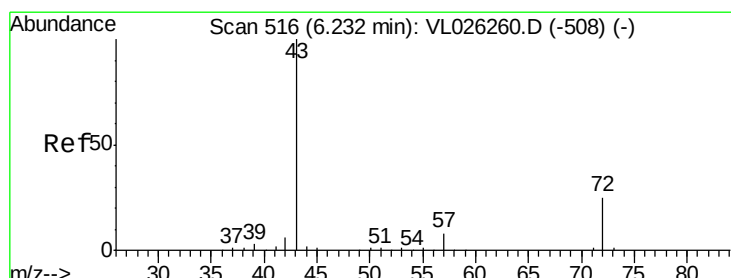
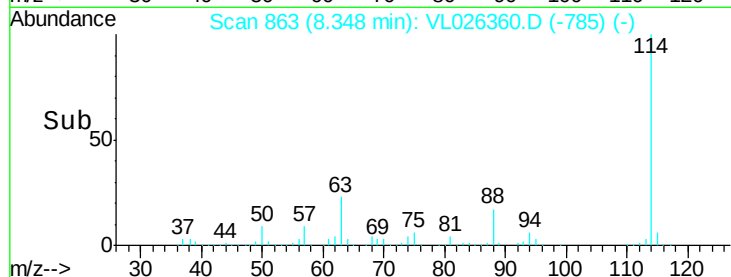
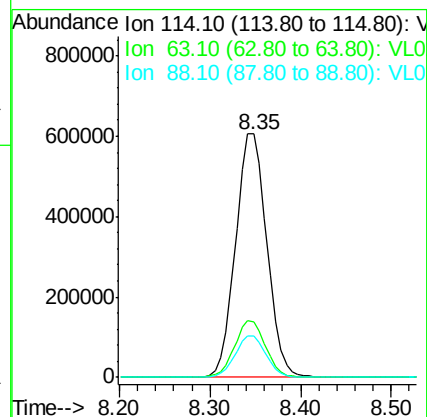
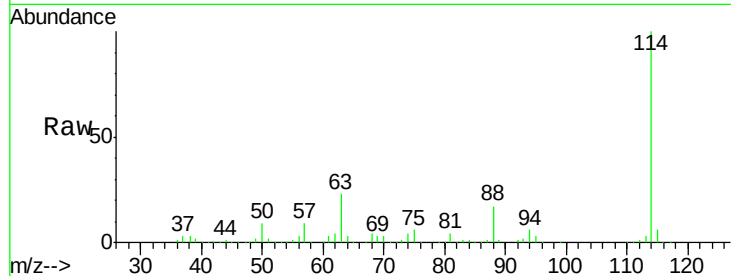
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.35 min Scan# 863
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:114 Resp: 1452546
 Ion Ratio Lower Upper
 114 100
 63 23.3 18.6 28.0
 88 16.9 13.4 20.2

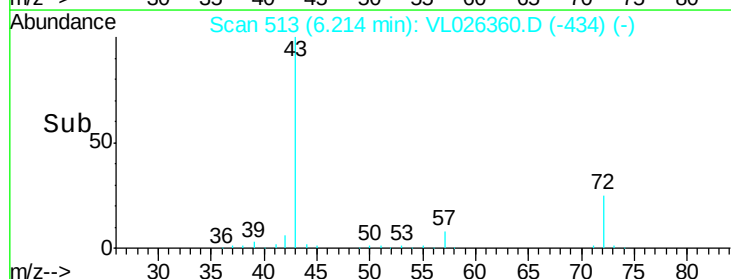
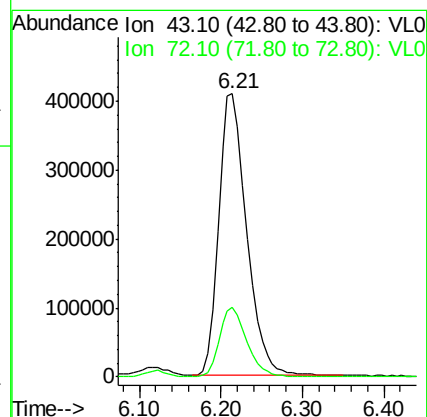
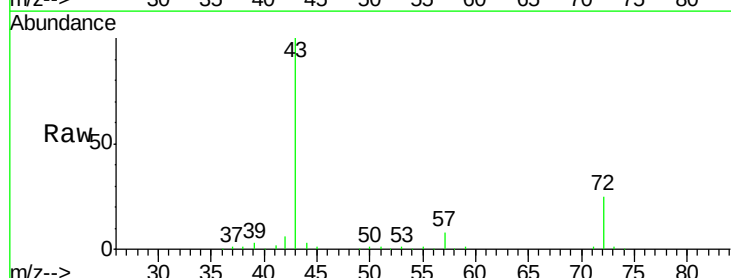
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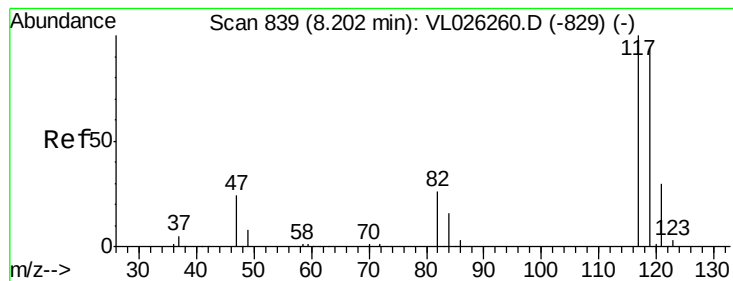
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#34
 2-Butanone
 Concen: 11.11 ppbv
 RT: 6.21 min Scan# 513
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion: 43 Resp: 973859
 Ion Ratio Lower Upper
 43 100
 72 24.4 19.9 29.9





#35

Carbon Tetrachloride

Concen: 10.31 ppbv

RT: 8.18 min Scan# 835

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:117 Resp: 1128577

Ion Ratio Lower Upper

117 100

119 96.5 75.2 112.8

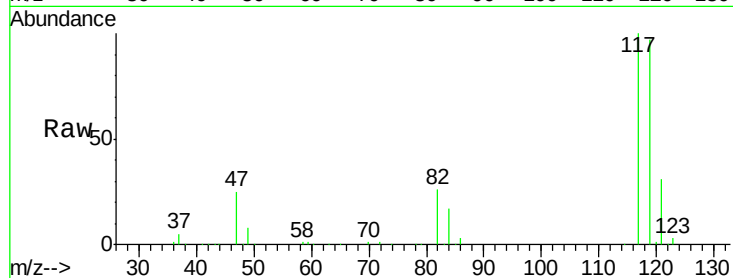
121 31.1 24.2 36.2

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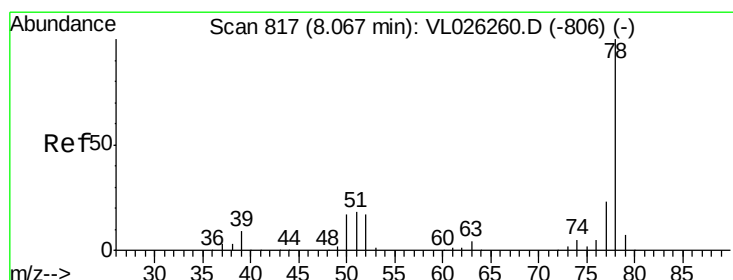
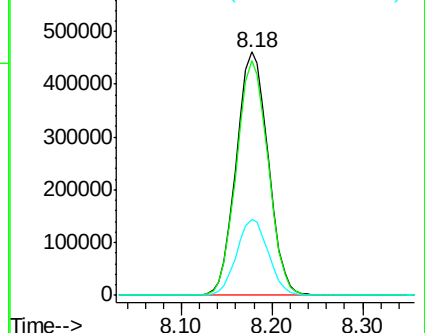
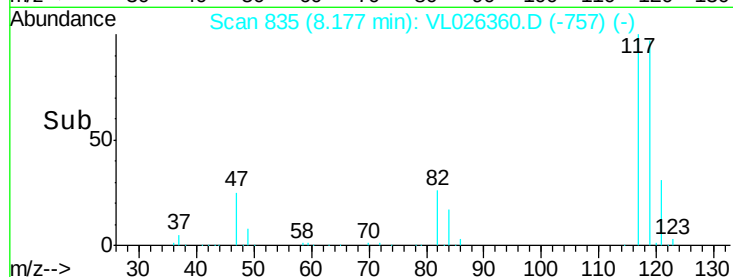
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 10.75 ppbv

RT: 8.04 min Scan# 813

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

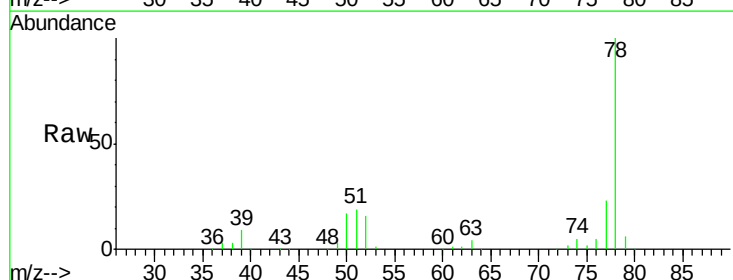
Tgt Ion: 78 Resp: 1652904

Ion Ratio Lower Upper

78 100

77 22.5 18.0 27.0

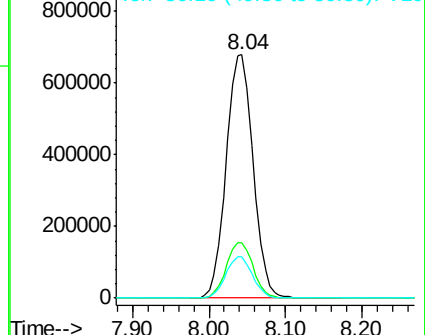
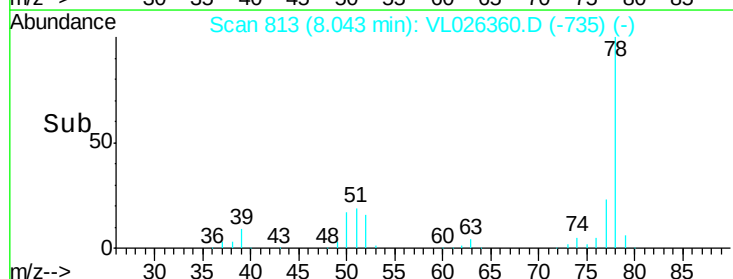
50 16.8 13.3 19.9

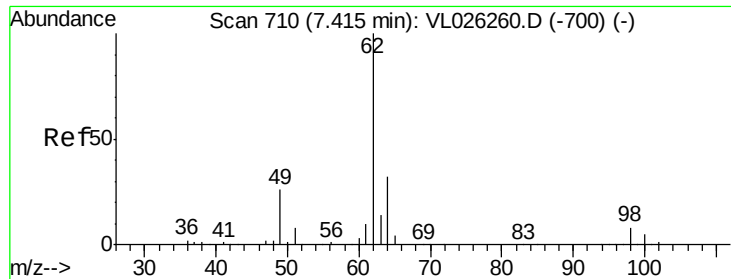


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





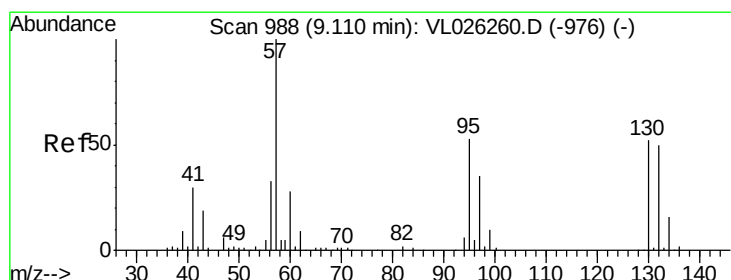
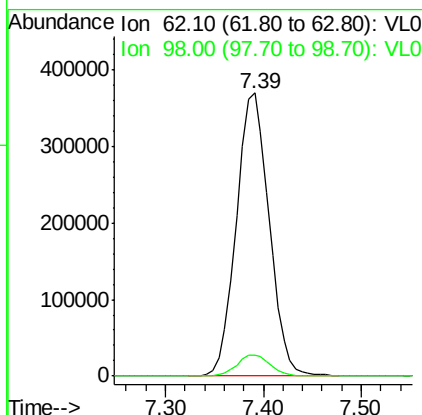
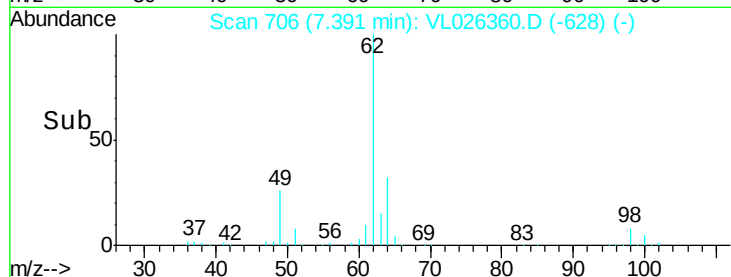
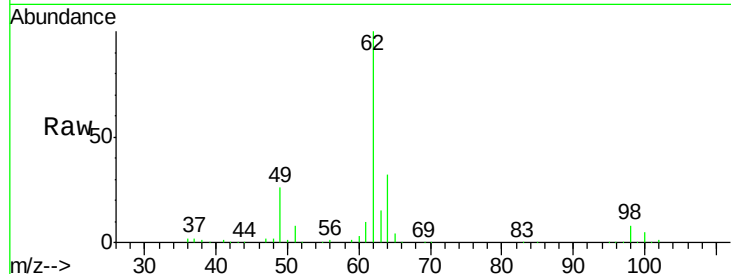
#37
1,2-Dichloroethane
Concen: 10.89 ppbv
RT: 7.39 min Scan# 706
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.6	6.3	9.5

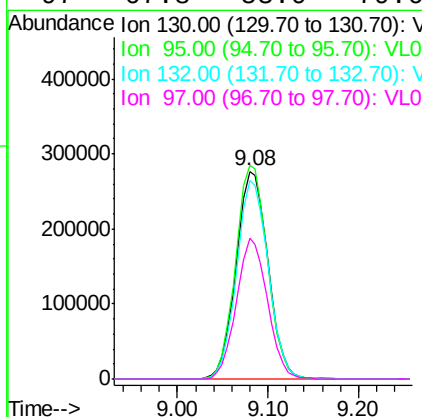
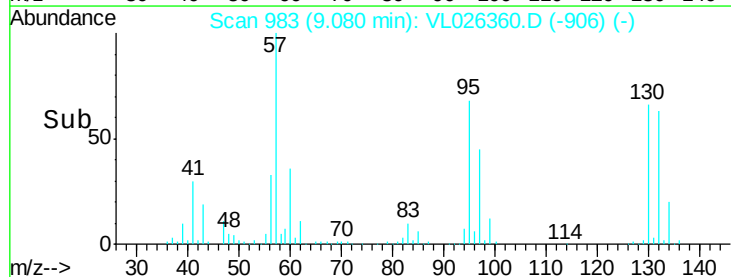
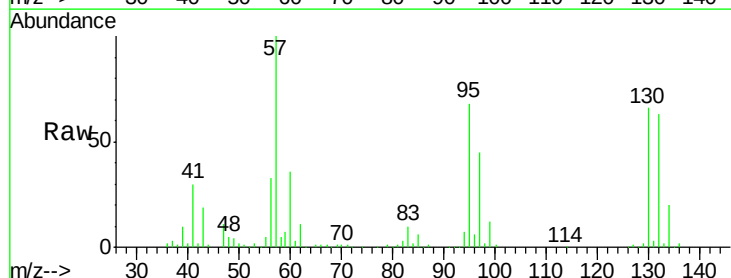
Manual Integrations
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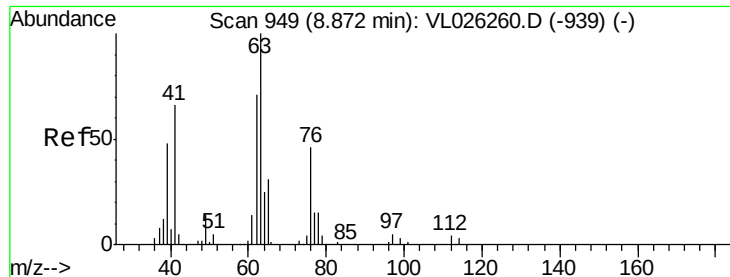
mohammad
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#38
Trichloroethene
Concen: 9.13 ppbv
RT: 9.08 min Scan# 983
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.9	80.8	121.2
132	95.6	76.2	114.2
97	67.8	53.0	79.6





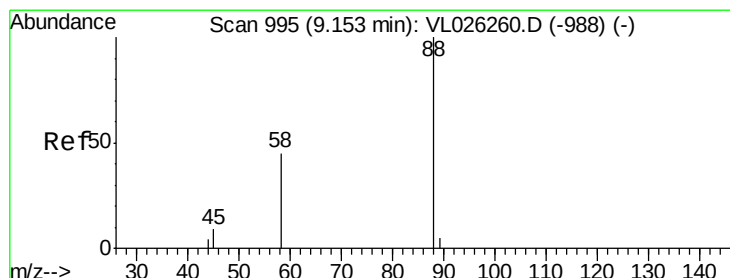
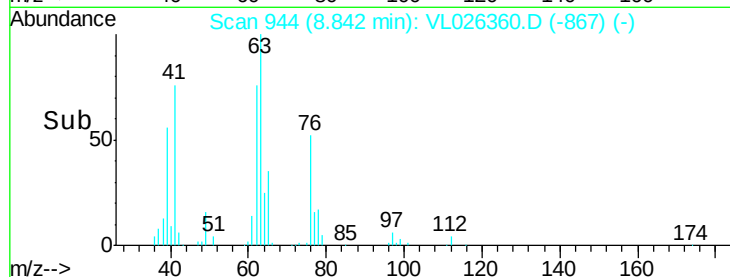
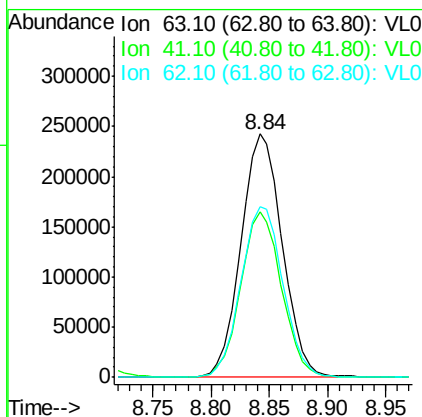
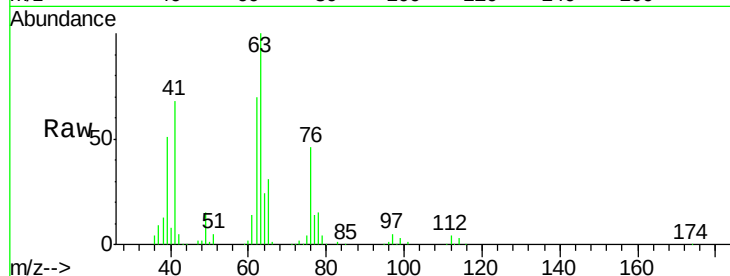
#39
 1,2-Dichloropropane
 Concen: 10.69 ppbv
 RT: 8.84 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
63	100		
41	67.9	53.2	79.8
62	70.0	57.1	85.7

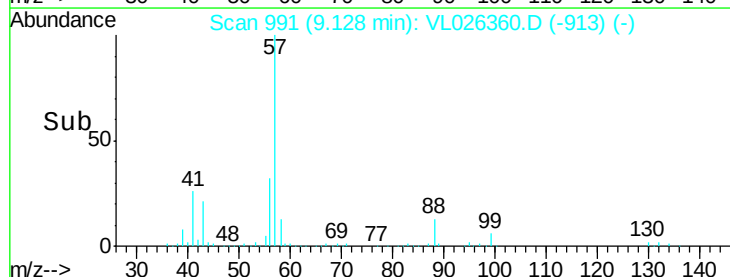
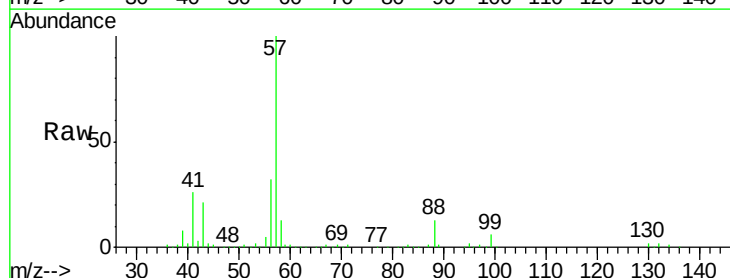
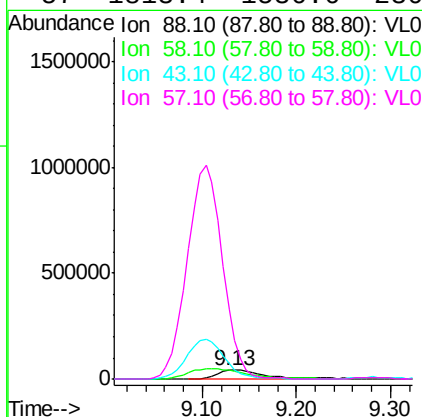
Manual Integrations
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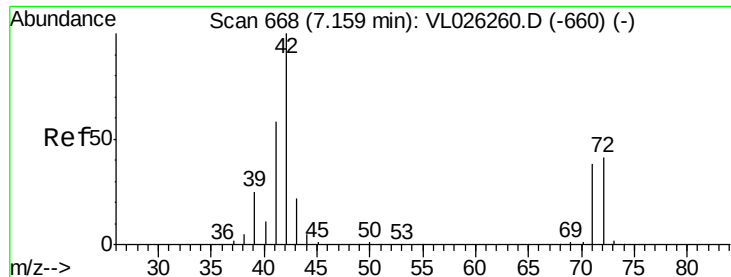
mohammad
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#40
 1,4-Dioxane
 Concen: 15.22 ppbv
 RT: 9.13 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	147.9	126.2	189.2
43	366.3	307.3	460.9
57	1813.4	1536.6	2304.8





#41

Tetrahydrofuran

Concen: 11.45 ppbv

RT: 7.13 min Scan# 664

Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

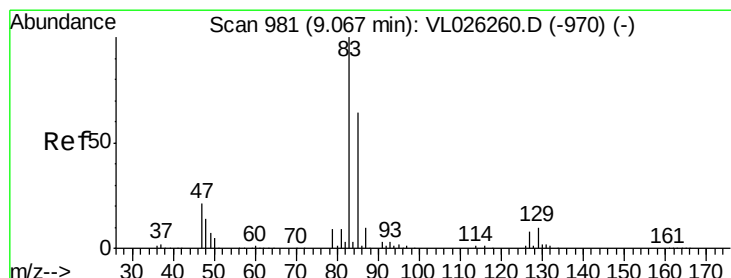
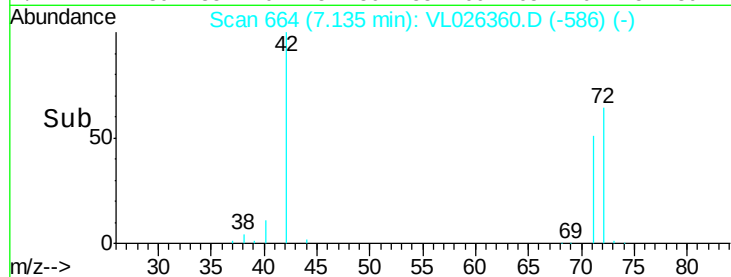
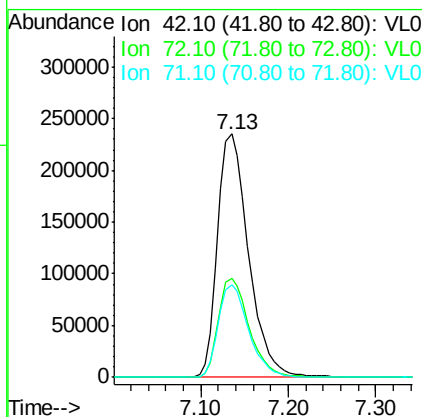
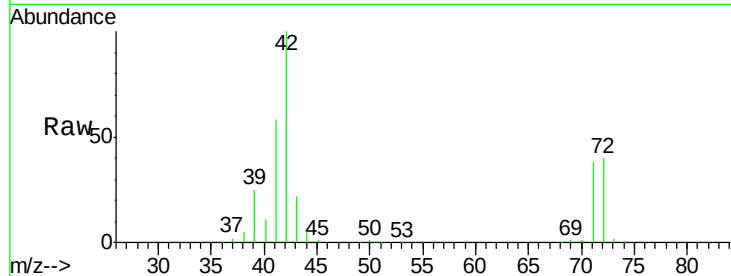
ClientSampleId :

VSTDCCC010

Tot Ion:	42	Resp:	580238
Ion	Ratio	Lower	Upper
42	100		
72	40.5	32.2	48.4
71	37.6	30.4	45.6

Manual Integrations
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#42

Bromodichloromethane

Concen: 11.29 ppbv

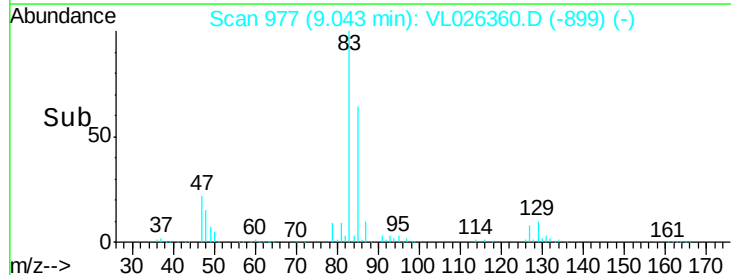
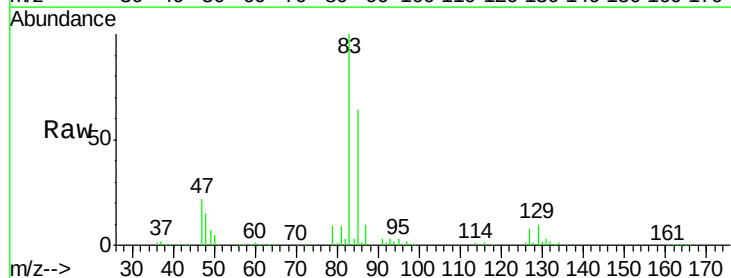
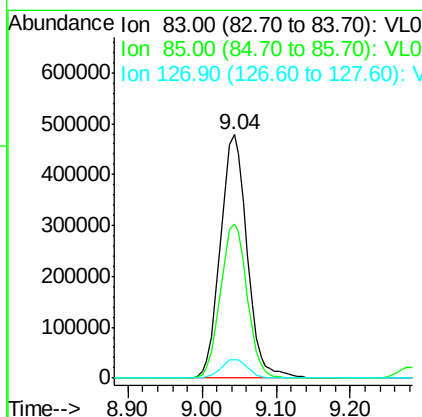
RT: 9.04 min Scan# 977

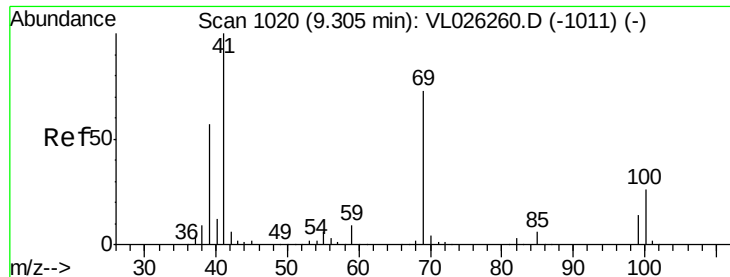
Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:	83	Resp:	1199100
Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.2	76.8
127	7.8	6.2	9.4





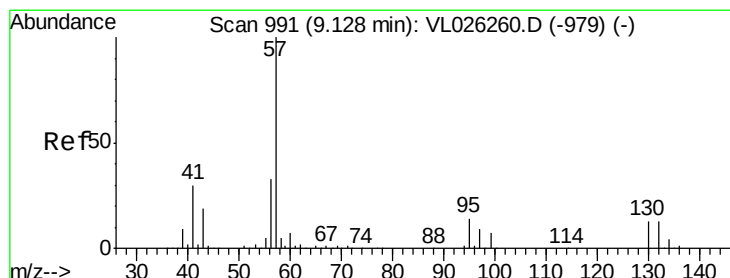
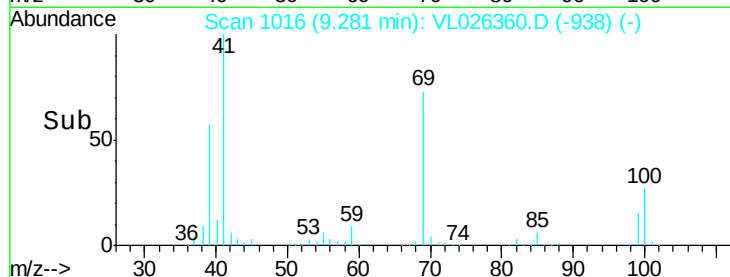
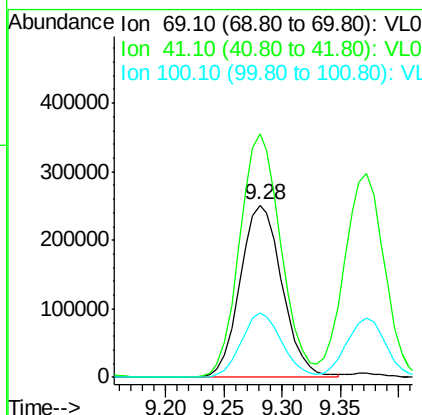
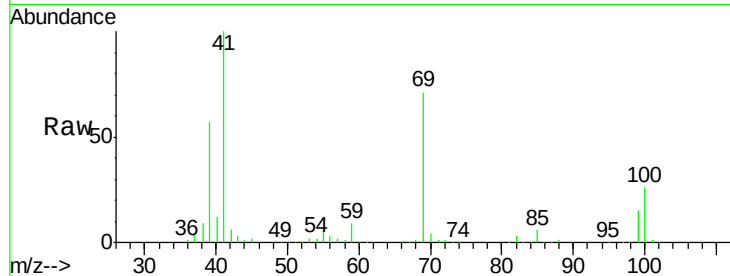
#43
Methyl Methacrylate
Concen: 11.57 ppbv
RT: 9.28 min Scan# 1016
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		632490		
41	138.7	110.0	165.0		
100	36.2	28.6	43.0		

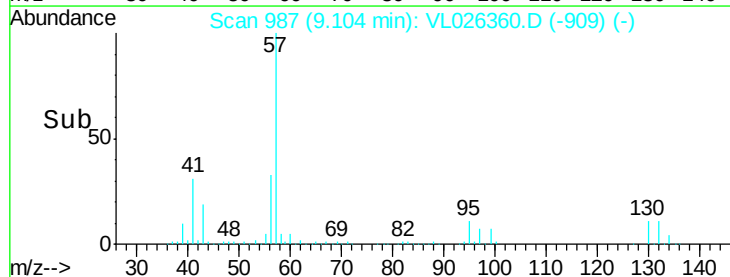
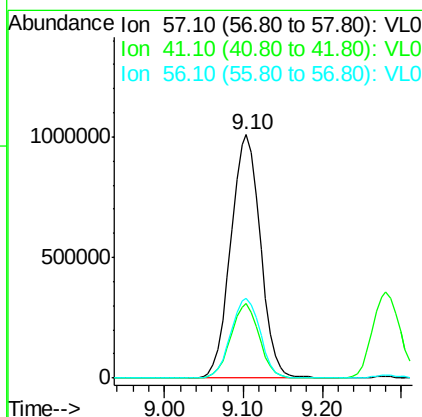
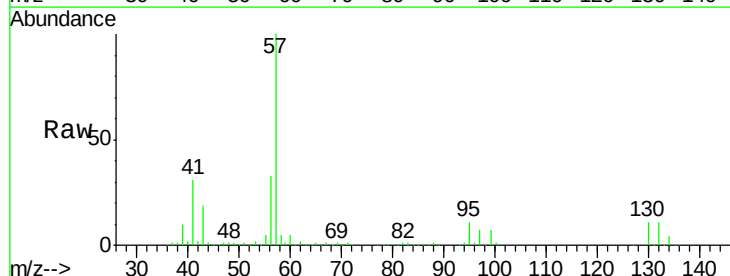
Manual Integrations
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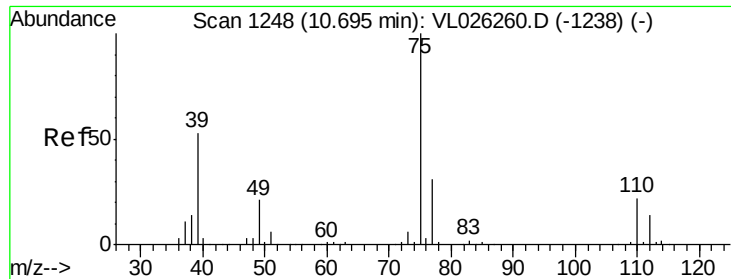
mohammad
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#44
2,2,4-Trimethylpentane
Concen: 10.53 ppbv
RT: 9.10 min Scan# 987
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
57	100		2640792		
41	29.5	23.1	34.7		
56	32.6	26.3	39.5		





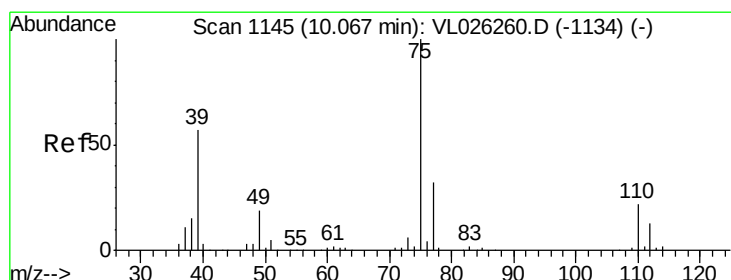
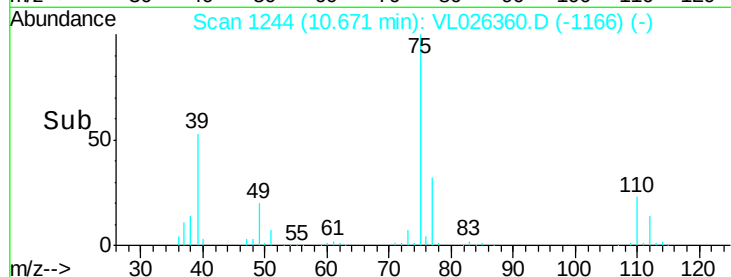
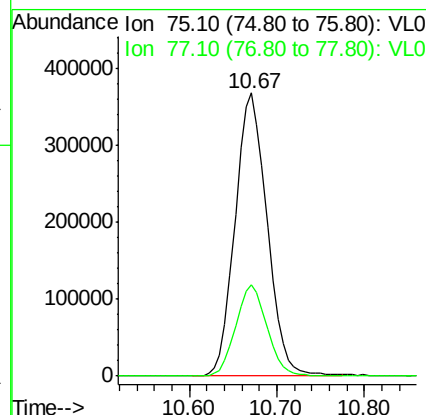
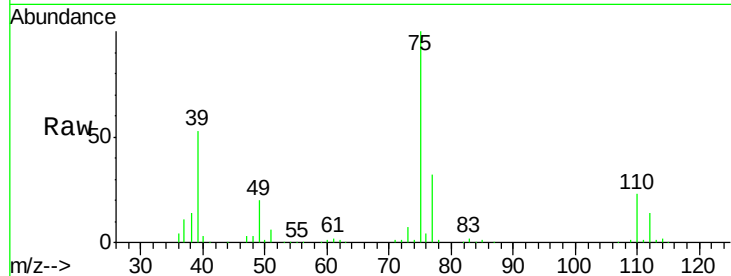
#45
t-1,3-Dichloropropene
Concen: 12.19 ppbv
RT: 10.67 min Scan# 1244
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 75 Resp: 938929
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1

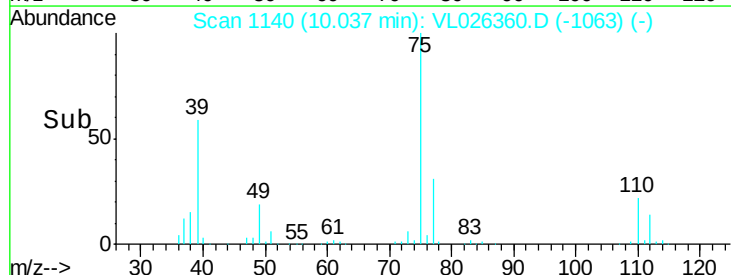
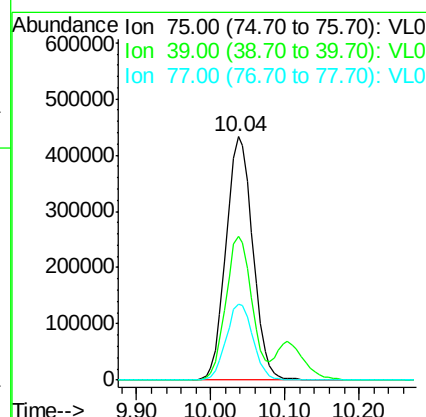
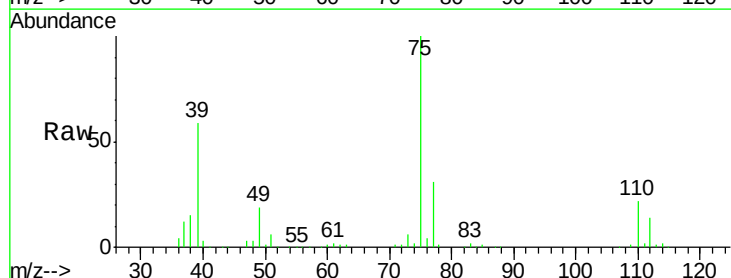
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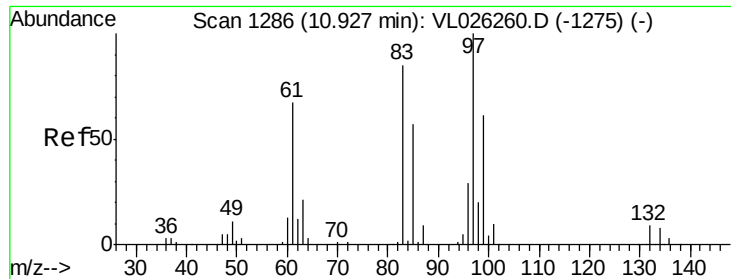
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#46
cis-1,3-Dichloropropene
Concen: 11.62 ppbv
RT: 10.04 min Scan# 1140
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 75 Resp: 1088194
Ion Ratio Lower Upper
75 100
39 59.3 45.8 68.8
77 30.9 25.3 37.9





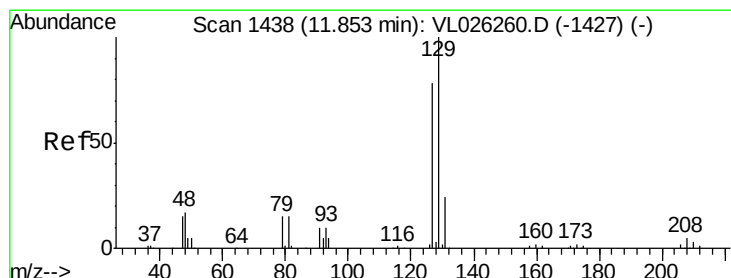
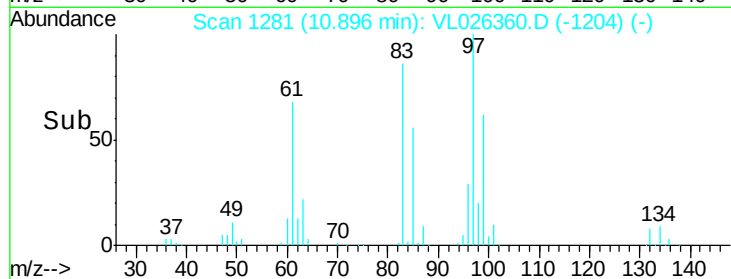
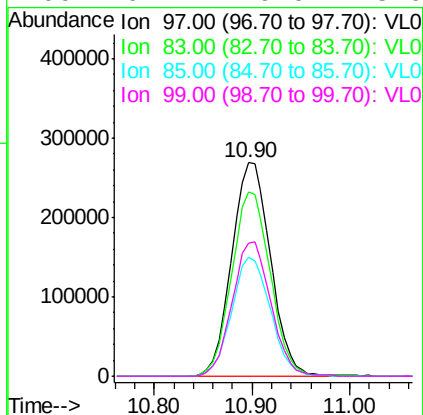
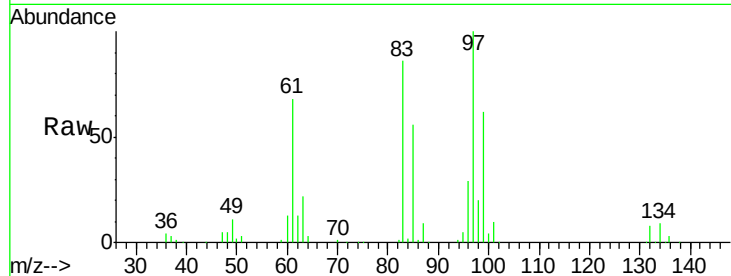
#47
 1,1,2-Trichloroethane
 Concen: 10.99 ppbv
 RT: 10.90 min Scan# 1281
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	86.4	67.9	101.9	
85	55.8	45.2	67.8	
99	62.1	49.0	73.6	

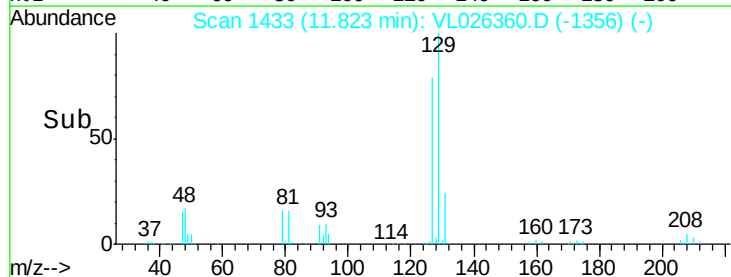
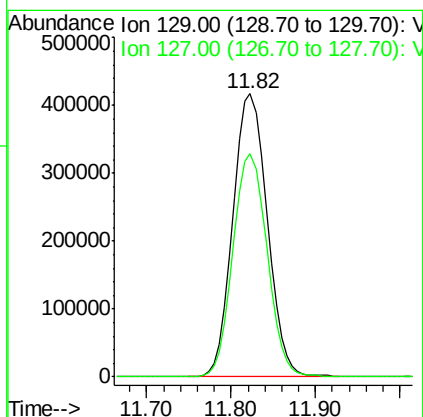
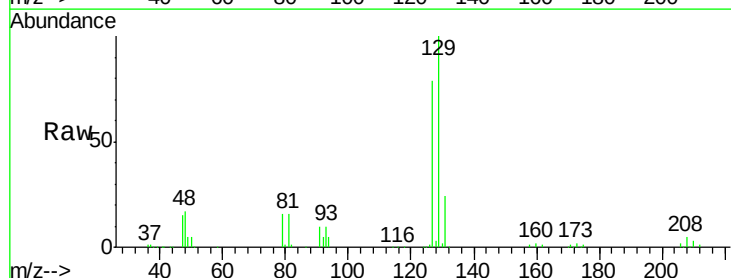
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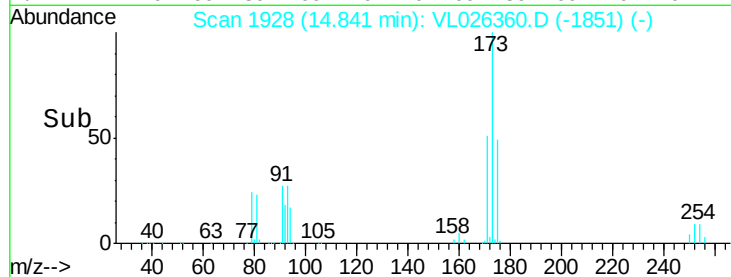
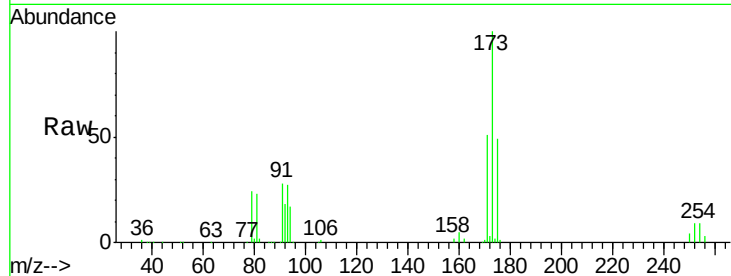
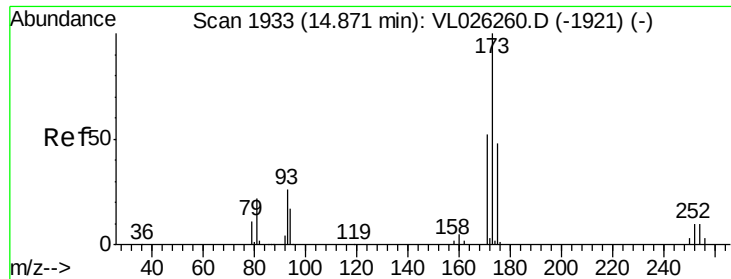
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#48
 Dibromochloromethane
 Concen: 11.98 ppbv
 RT: 11.82 min Scan# 1433
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
129	100			
127	78.7	39.1	117.2	





#49

Bromoform

Concen: 11.78 ppbv

RT: 14.84 min Scan# 1928

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tot Ion:	173	Resp:	885539
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.8	58.2
171	52.3	41.7	62.5

Instrument :

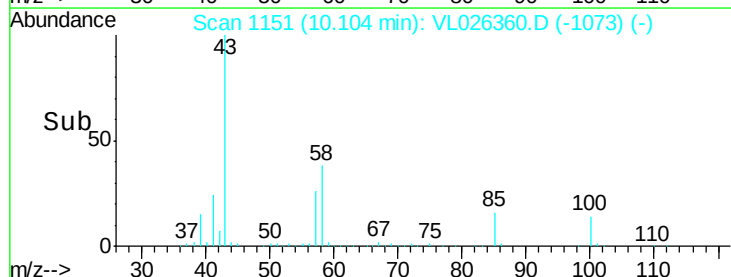
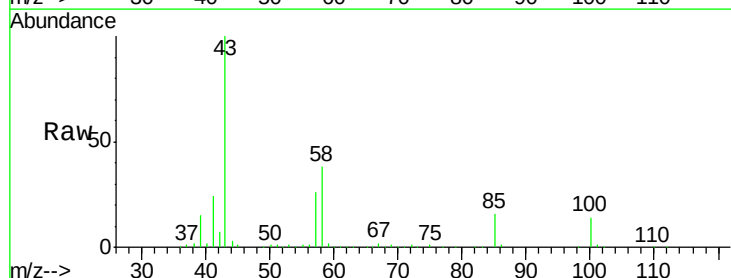
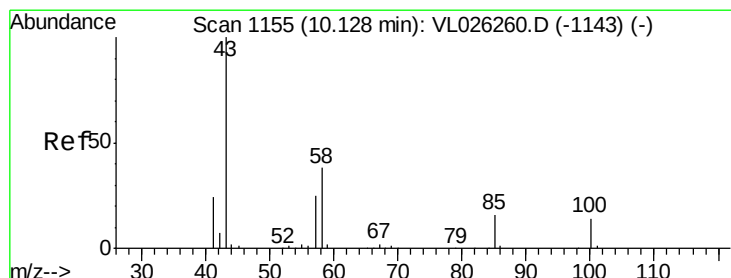
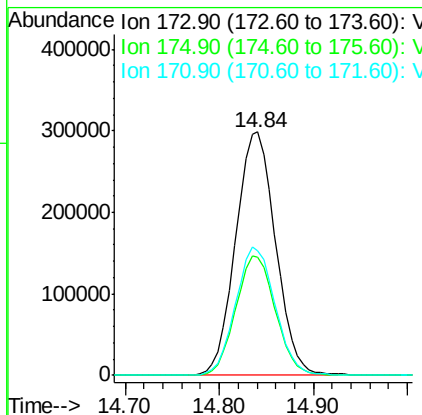
MSVOA_L

ClientSampleId :

VSTDCCC010

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#50

4-Methyl-2-Pentanone

Concen: 11.39 ppbv

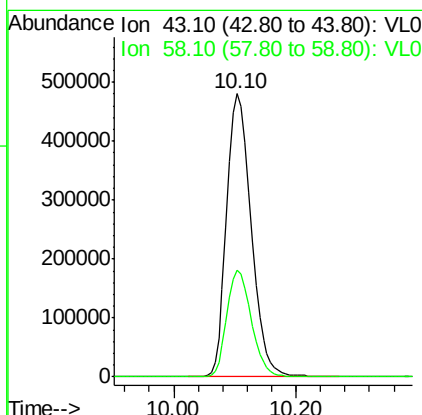
RT: 10.10 min Scan# 1151

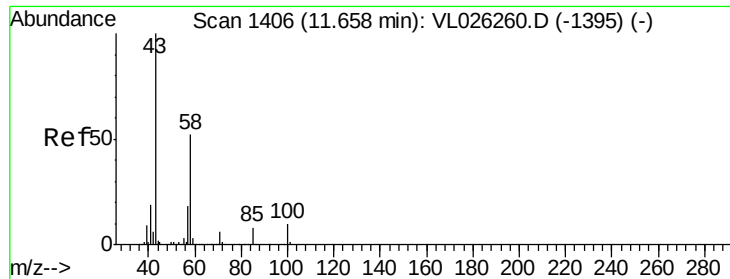
Delta R.T. -0.02 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:	43	Resp:	1337146
Ion Ratio	Lower	Upper	
43	100		
58	37.7	30.5	45.7





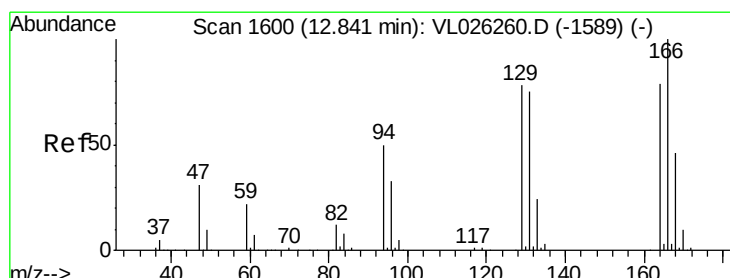
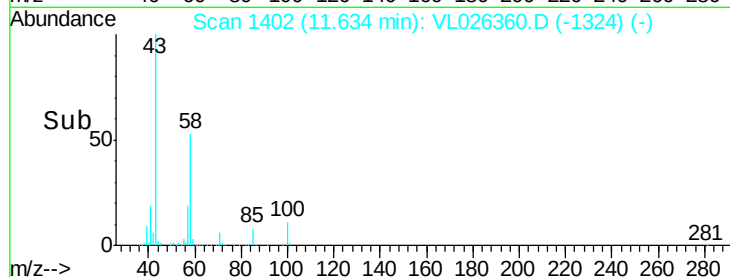
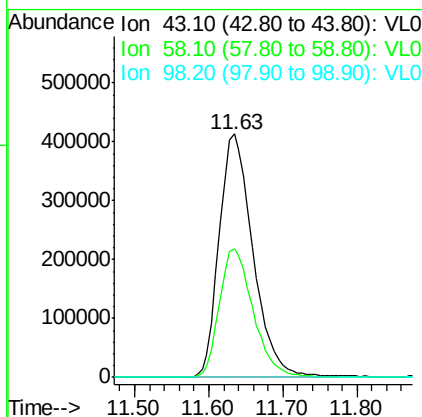
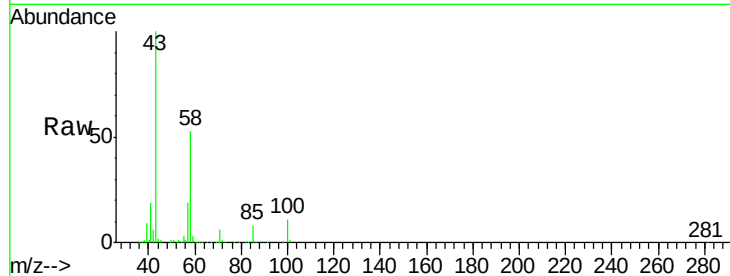
#51
2-Hexanone
Concen: 12.28 ppbv
RT: 11.63 min Scan# 1402
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 43 Resp: 1312817
Ion Ratio Lower Upper
43 100
58 53.0 42.7 64.1
98 0.1 0.0 0.0#

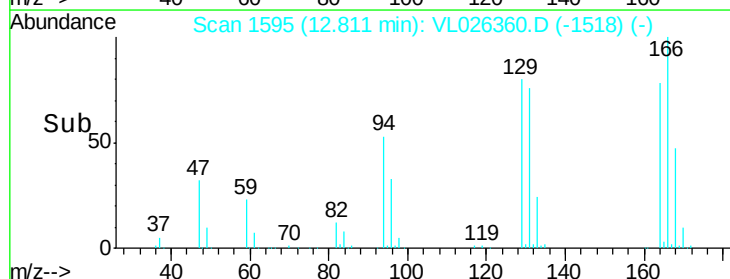
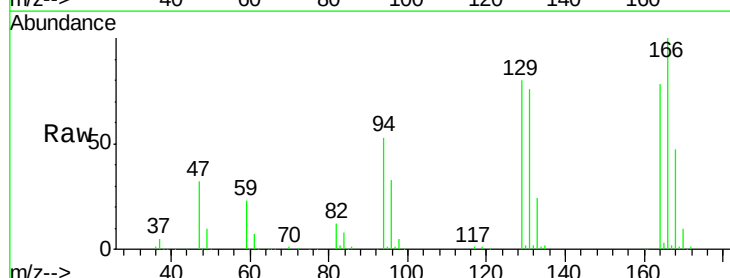
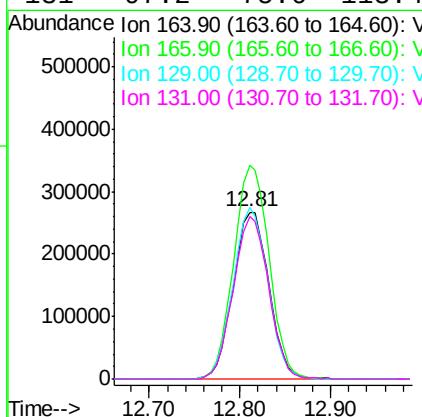
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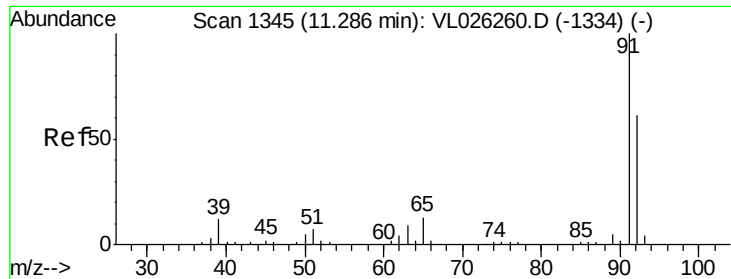
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#52
Tetrachloroethene
Concen: 9.41 ppbv
RT: 12.81 min Scan# 1595
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 164 Resp: 729966
Ion Ratio Lower Upper
164 100
166 128.1 101.4 152.0
129 102.7 78.8 118.2
131 97.2 75.6 113.4





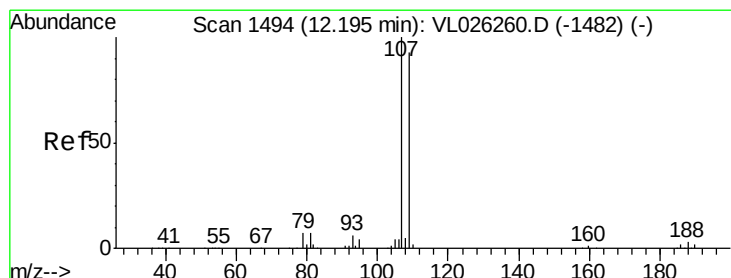
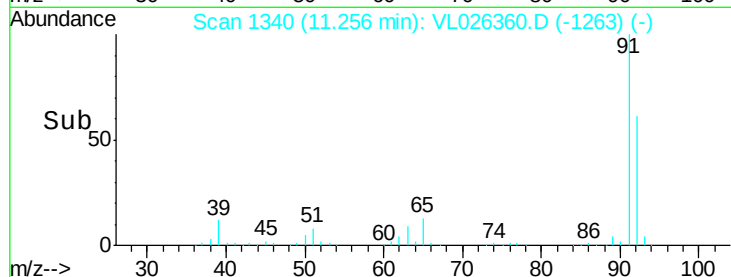
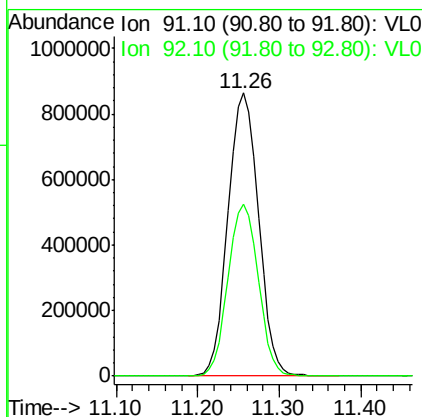
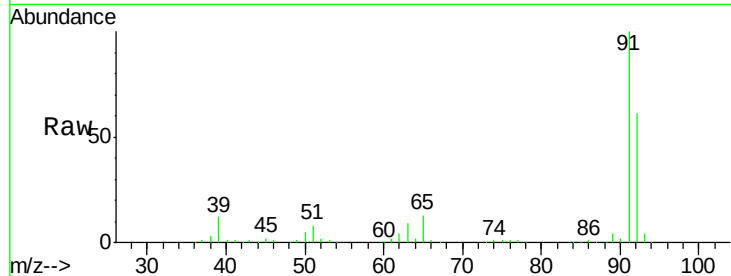
#53
Toluene
Concen: 11.24 ppbv
RT: 11.26 min Scan# 1340
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 2243601
Ion Ratio Lower Upper
91 100
92 60.5 48.6 73.0

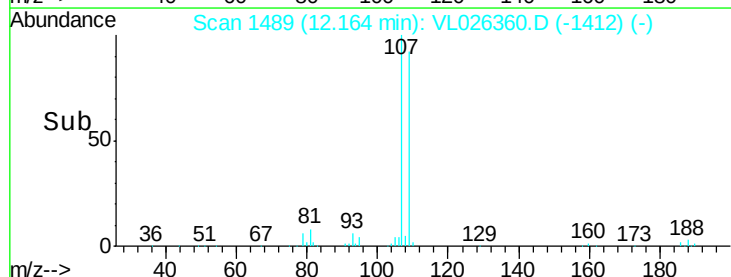
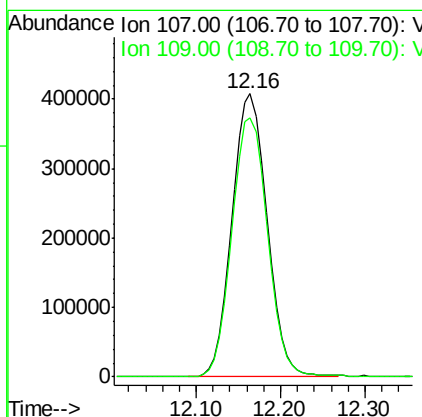
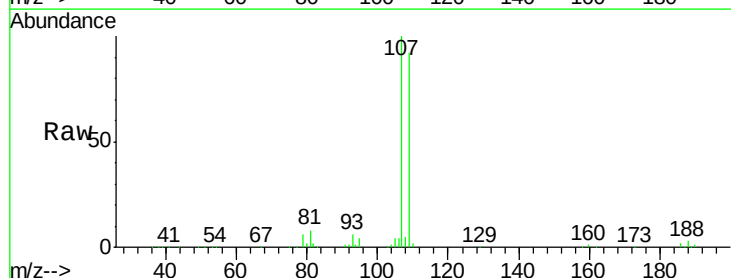
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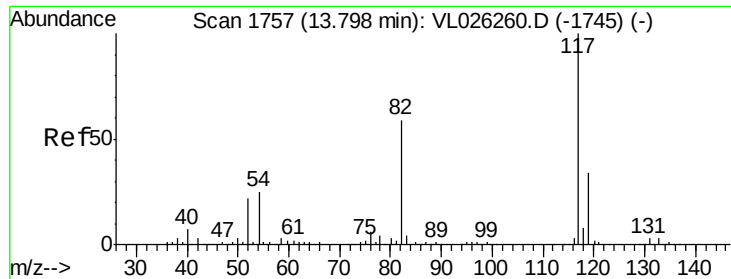
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#54
1,2-Dibromoethane
Concen: 11.26 ppbv
RT: 12.16 min Scan# 1489
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 107 Resp: 1153412
Ion Ratio Lower Upper
107 100
109 91.5 74.6 112.0





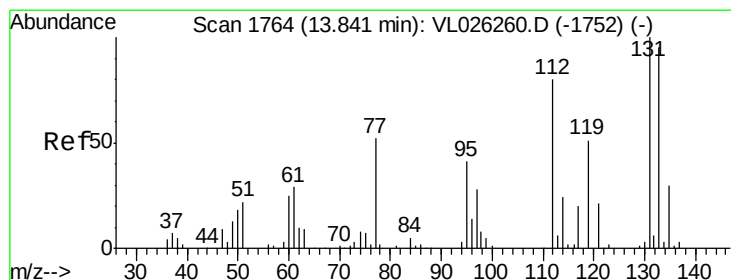
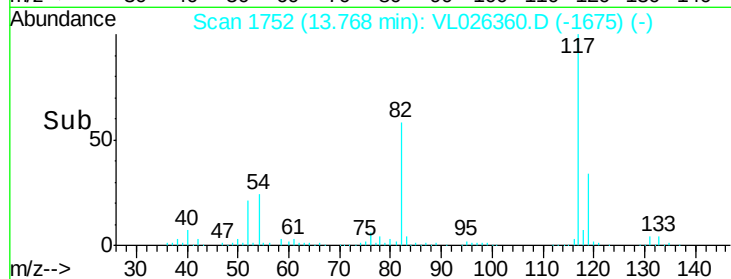
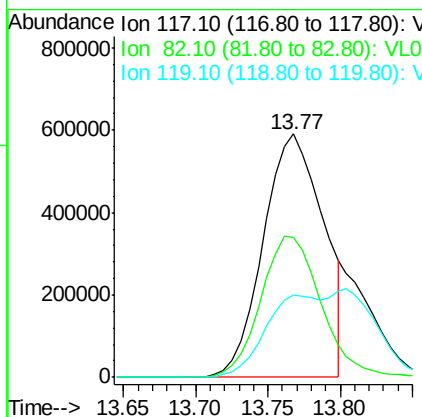
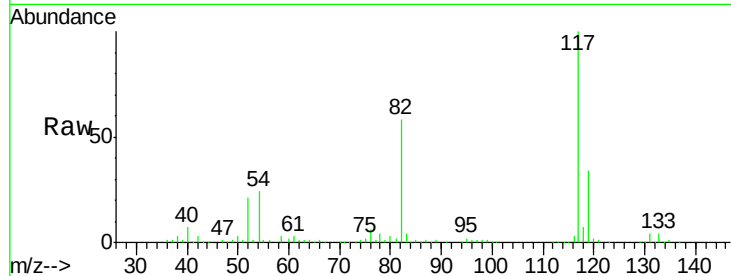
#55
Chlorobenzene-d5
Concen: 10.00 ppbv m
RT: 13.77 min Scan# 1752
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion:117 Resp: 1710573
Ion Ratio Lower Upper
117 100
82 58.7 48.2 72.4
119 61.3 46.2 69.2

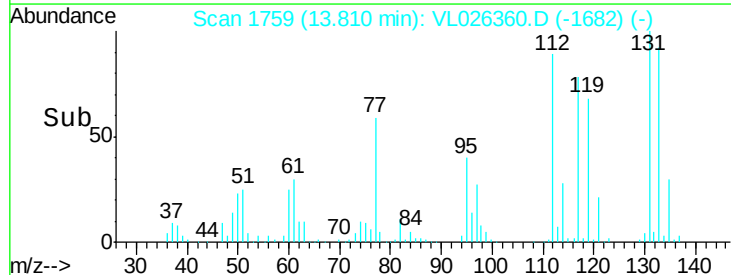
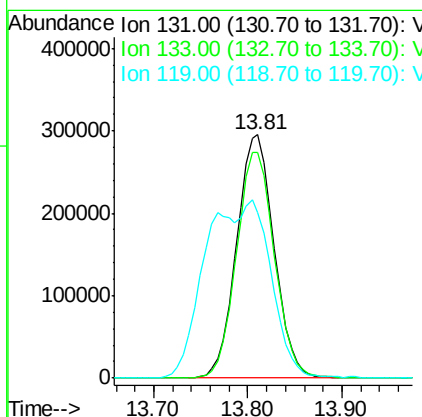
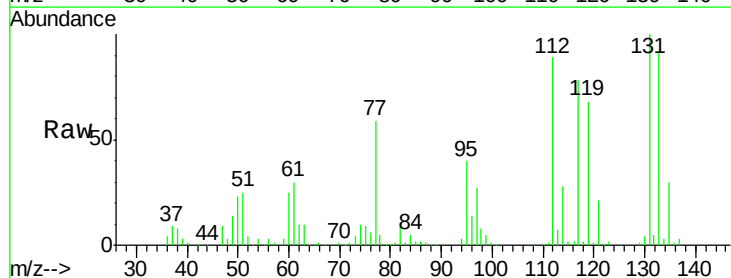
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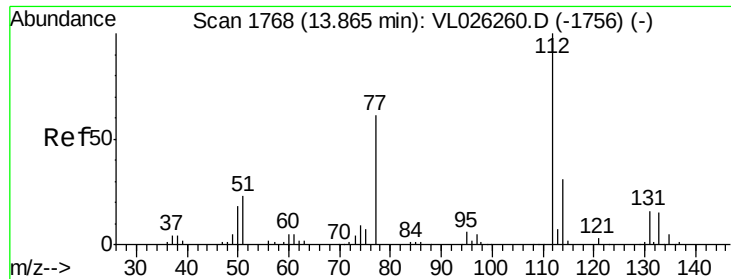
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#56
1,1,1,2-Tetrachloroethane
Concen: 10.93 ppbv
RT: 13.81 min Scan# 1759
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion:131 Resp: 820113
Ion Ratio Lower Upper
131 100
133 94.7 76.1 114.1
119 127.7 111.3 166.9





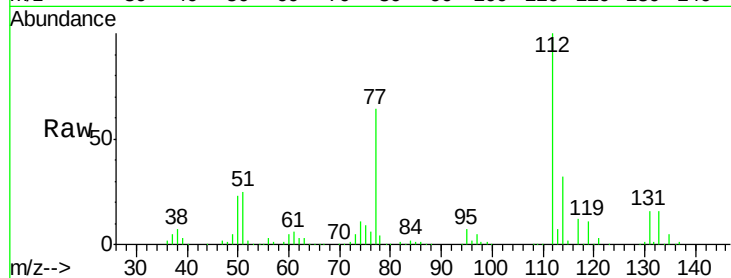
#57
Chlorobenzene
Concen: 10.35 ppbv
RT: 13.83 min Scan# 1763
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

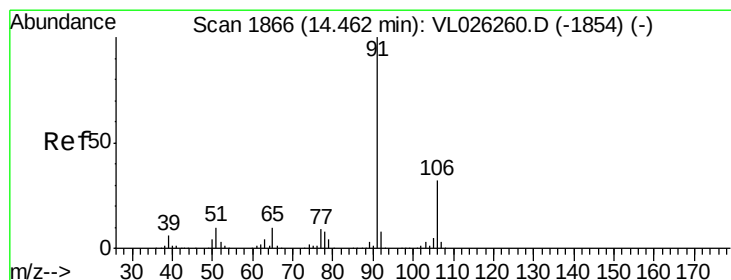
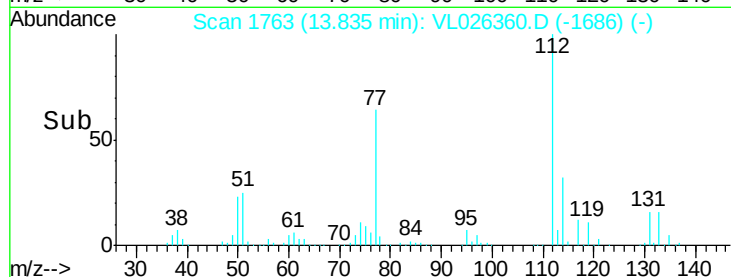
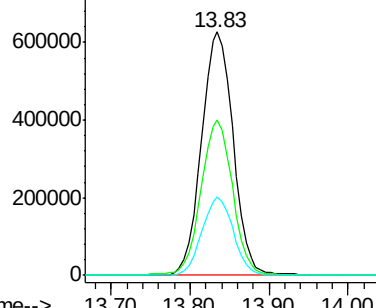
Tot Ion	Ratio	Lower	Upper
112	100		
77	63.4	49.4	74.0
114	32.4	27.8	34.0

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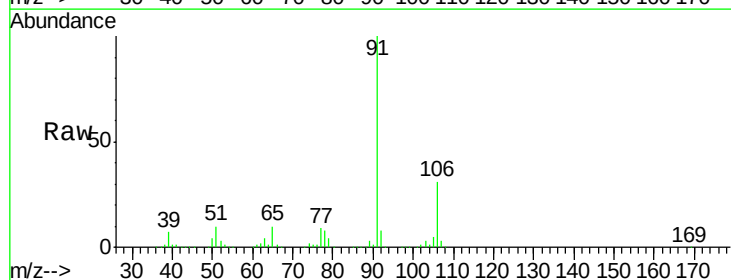


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 77.10 (76.80 to 77.80): VL0
Ion 114.10 (113.80 to 114.80): V

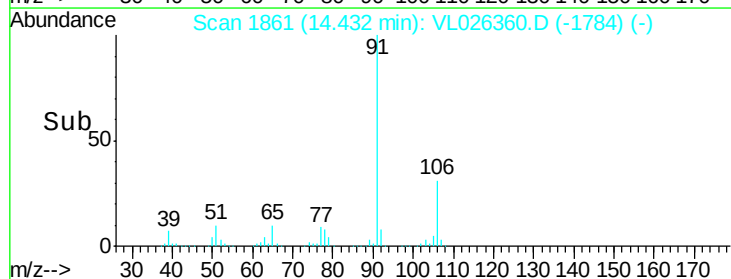
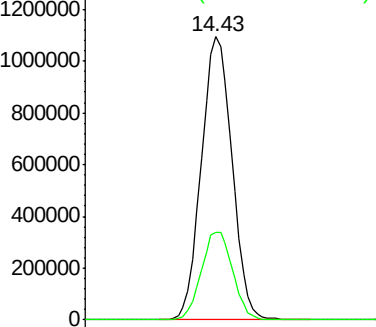


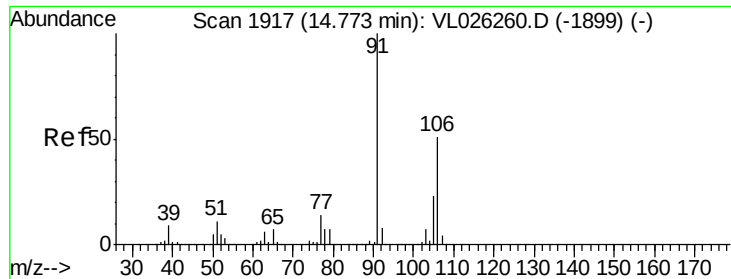
#58
Ethyl Benzene
Concen: 10.84 ppbv
RT: 14.43 min Scan# 1861
Delta R.T. -0.03 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.7	38.5



Abundance Ion 91.10 (90.80 to 91.80): VL0
Ion 106.10 (105.80 to 106.80): V





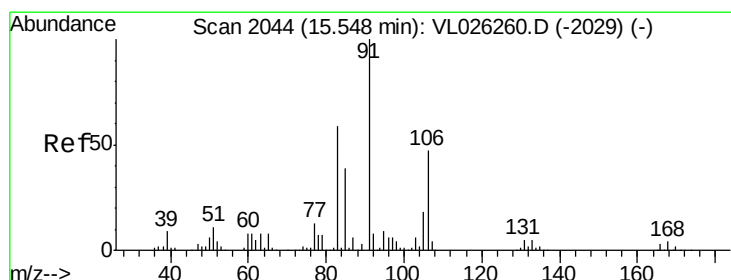
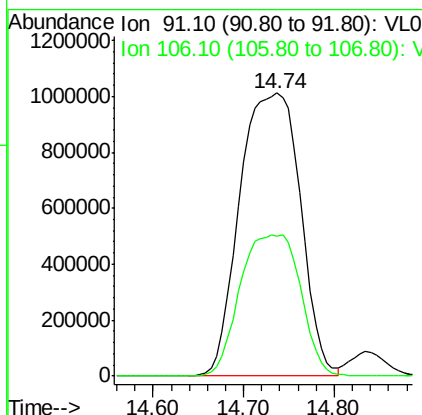
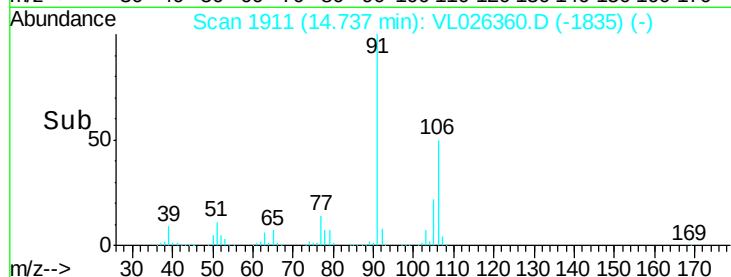
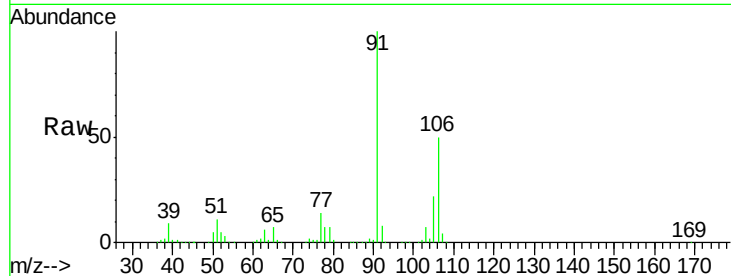
#59
m/p-Xylene
Concen: 20.98 ppbv
RT: 14.74 min Scan# 1911
Delta R.T. -0.04 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion: 91 Resp: 4671296
Ion Ratio Lower Upper
91 100
106 50.0 0.0 0.0#

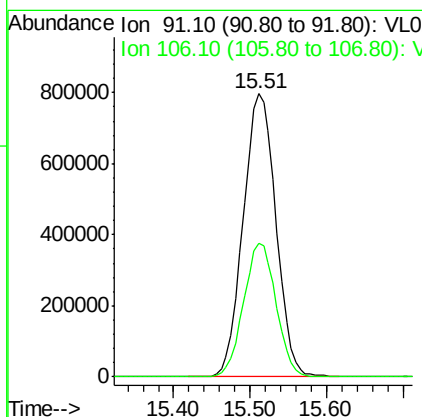
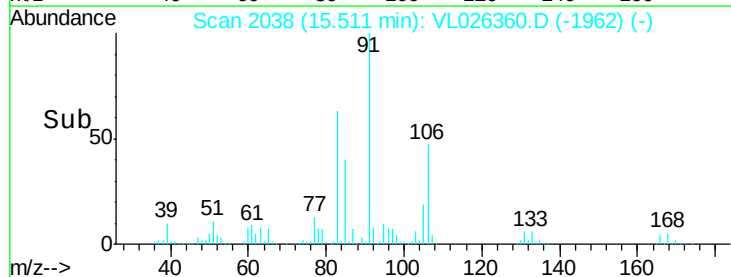
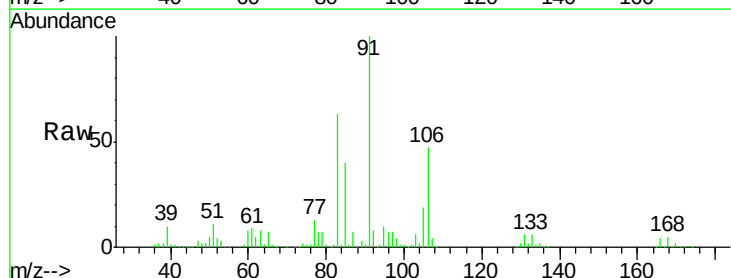
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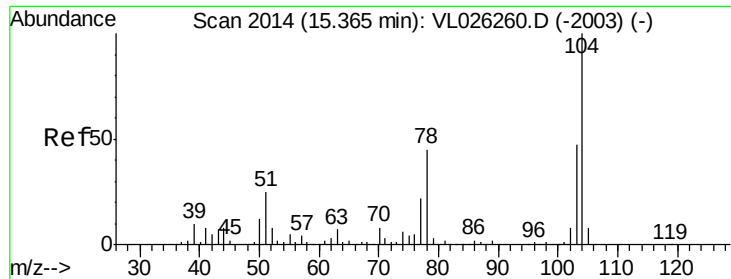
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#60
o-Xylene
Concen: 10.20 ppbv
RT: 15.51 min Scan# 2038
Delta R.T. -0.04 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion: 91 Resp: 2373642
Ion Ratio Lower Upper
91 100
106 46.9 23.6 70.8





#61

Stvrene

Concen: 11.70 ppbv

RT: 15.33 min Scan# 2008

Delta R.T. -0.04 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

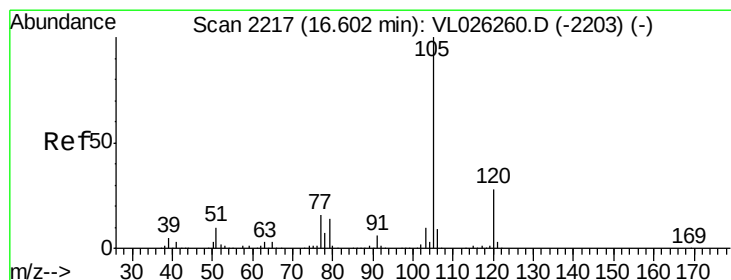
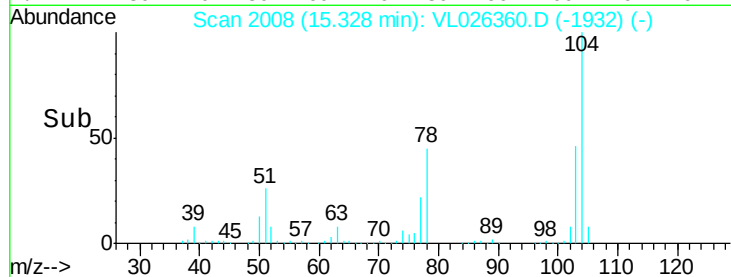
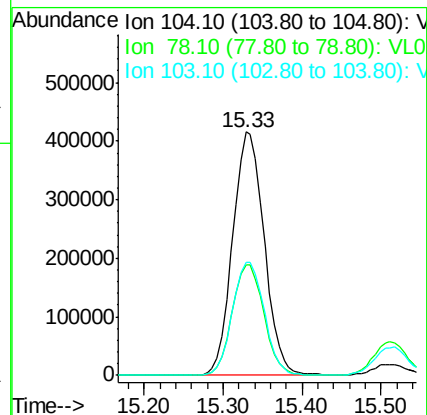
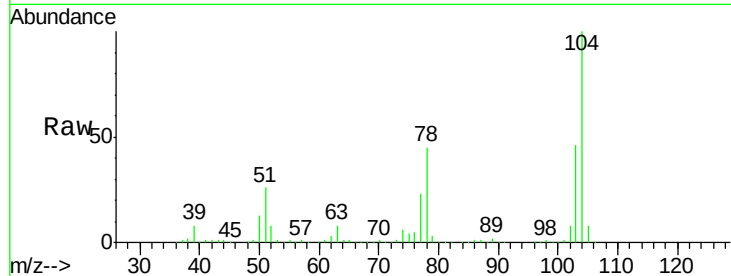
VSTDCCC010

Tot Ion:104 Resp: 1157931

Ion	Ratio	Lower	Upper
104	100		
78	45.6	35.5	53.3
103	46.9	37.0	55.6

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#62

Isopropylbenzene

Concen: 10.55 ppbv

RT: 16.57 min Scan# 2211

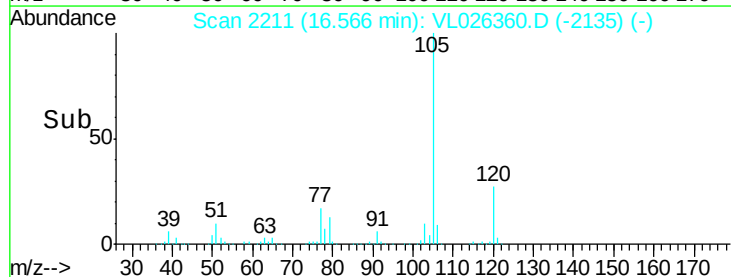
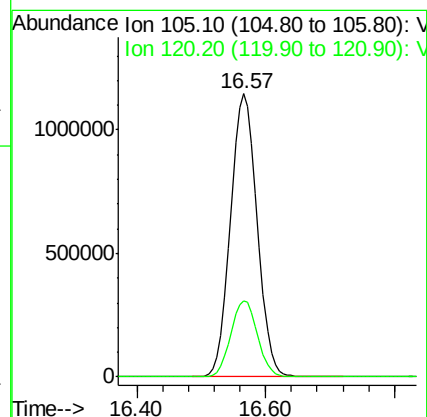
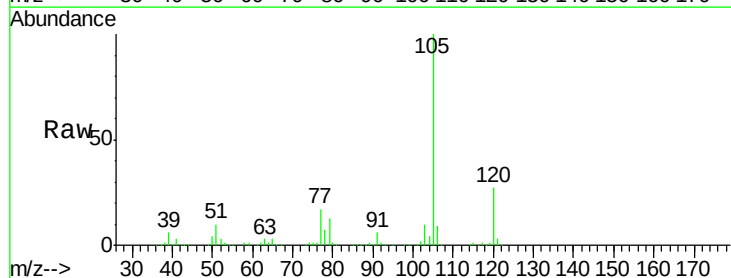
Delta R.T. -0.04 min

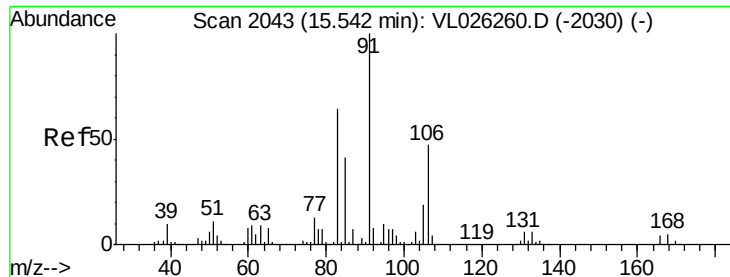
Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion:105 Resp: 3332172

Ion	Ratio	Lower	Upper
105	100		
120	26.9	21.7	32.5





#63

1,1,2,2-Tetrachloroethane

Concen: 8.75 ppbv

RT: 15.51 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 83 Resp: 1585747

Ion Ratio Lower Upper

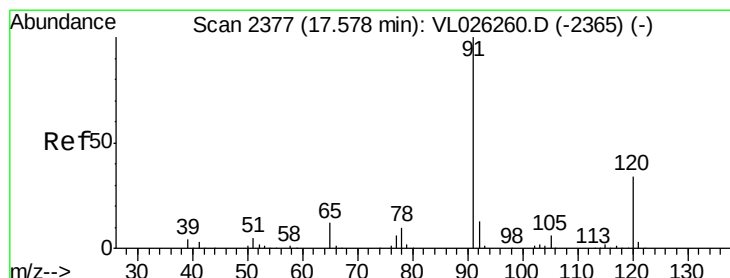
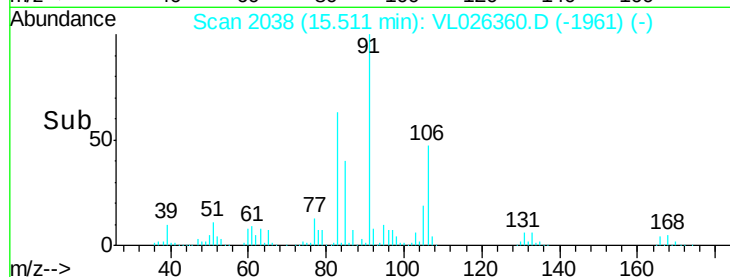
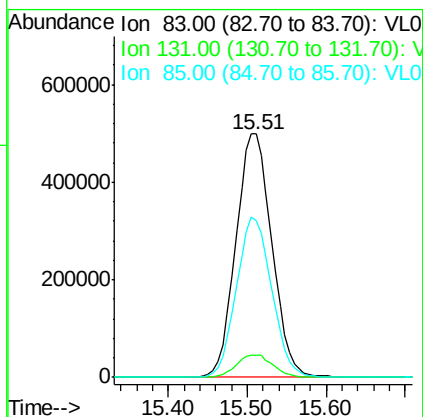
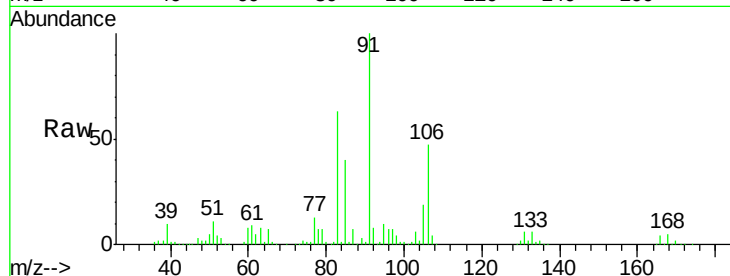
83 100

131 9.3 4.6 13.8

85 64.8 32.4 97.2

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#64

n-propylbenzene

Concen: 10.65 ppbv

RT: 17.54 min Scan# 2371

Delta R.T. -0.04 min

Lab File: VL026360.D

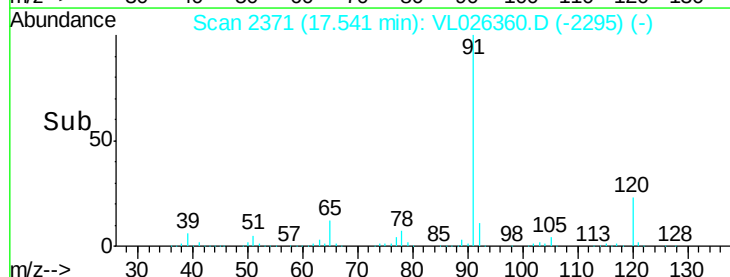
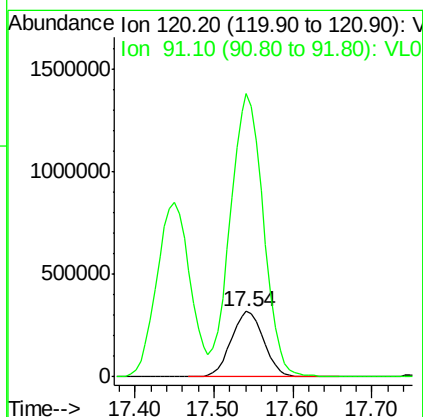
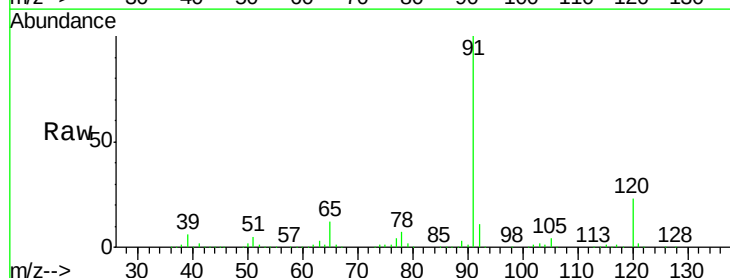
Acq: 11 Nov 2015 10:36

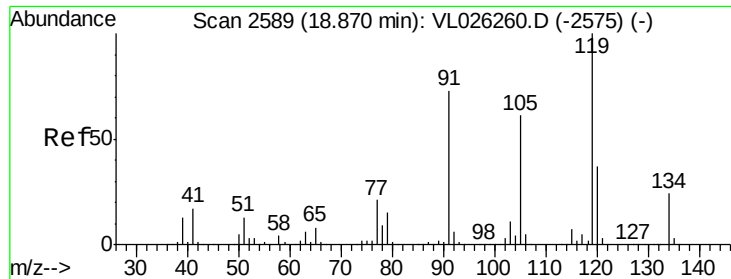
Tgt Ion: 120 Resp: 913795

Ion Ratio Lower Upper

120 100

91 435.8 340.8 511.2





#65

tert-Butylbenzene

Concen: 10.22 ppbv

RT: 18.83 min Scan# 2583

Delta R.T. -0.04 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:119 Resp: 2913863

Ion Ratio Lower Upper

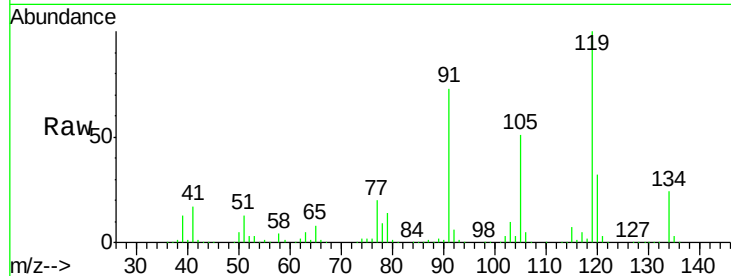
119 100

91 73.0 57.7 86.5

134 22.3 18.0 27.0

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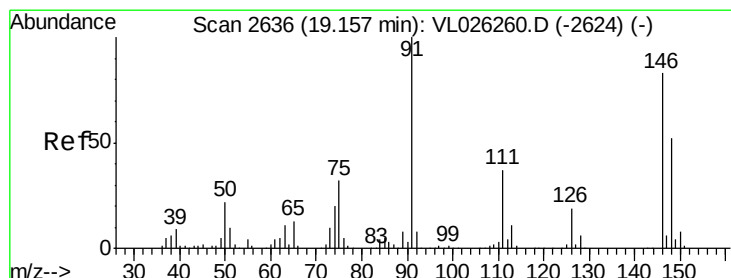
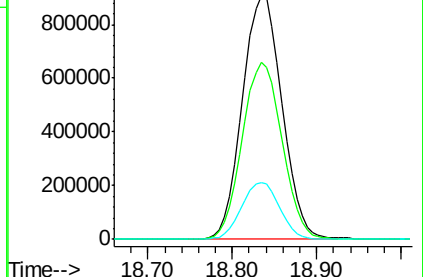
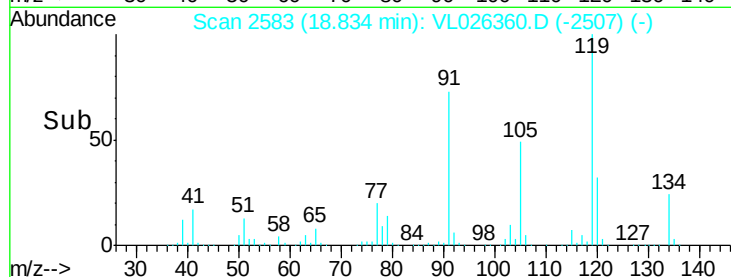
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Abundance Ion 119.20 (118.90 to 119.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 134.20 (133.90 to 134.90): V



#66

Benzyl Chloride

Concen: 12.08 ppbv

RT: 19.13 min Scan# 2631

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

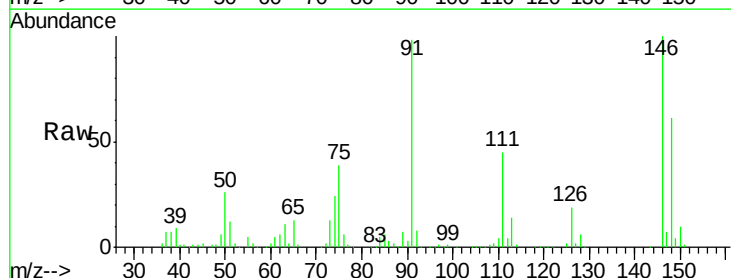
Tgt Ion: 91 Resp: 1074223

Ion Ratio Lower Upper

91 100

126 18.9 15.8 23.8

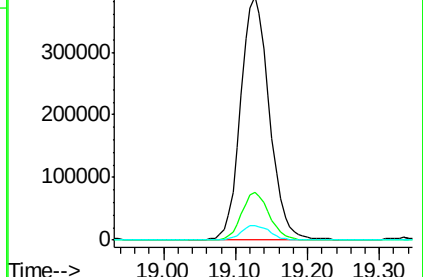
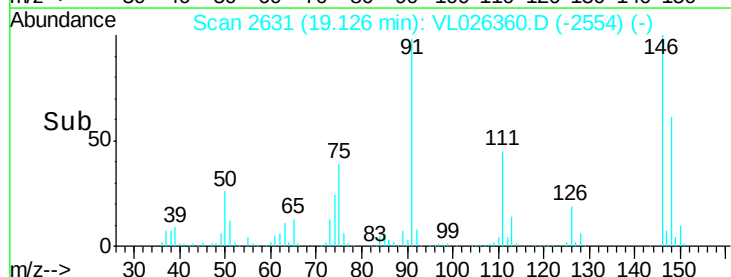
128 6.1 5.0 7.6

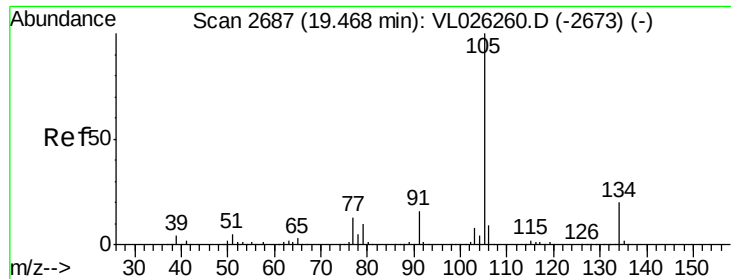


Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V

Ion 128.10 (127.80 to 128.80): V





#67

sec-Butylbenzene

Concen: 10.40 ppbv

RT: 19.43 min Scan# 2681

Delta R.T. -0.04 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:105 Resp: 4206255

Ion Ratio Lower Upper

105 100

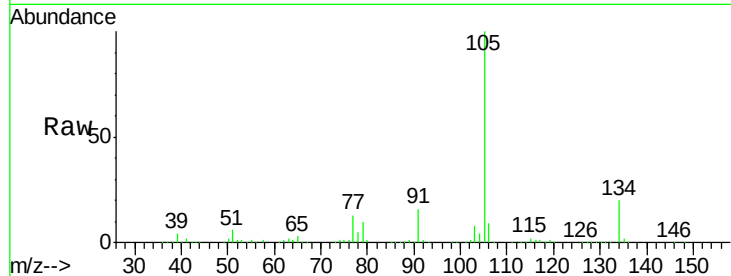
134 19.9 16.0 24.0

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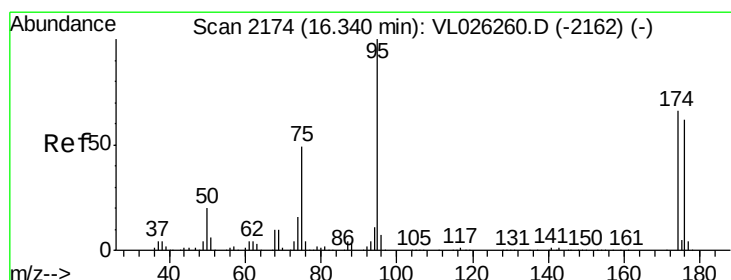
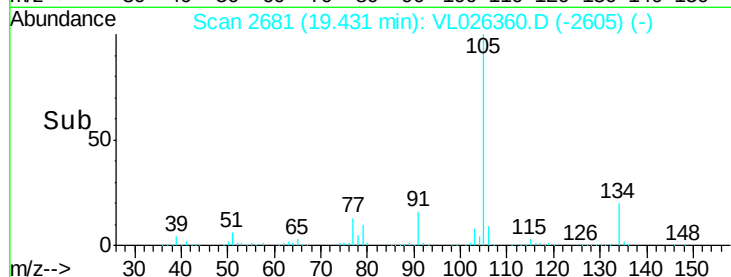
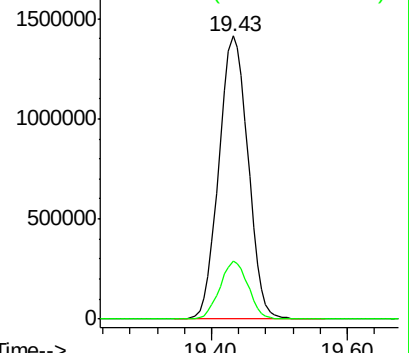
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 134.20 (133.90 to 134.90): V



#68

1-Bromo-4-Fluorobenzene

Concen: 7.71 ppbv

RT: 16.31 min Scan# 2169

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

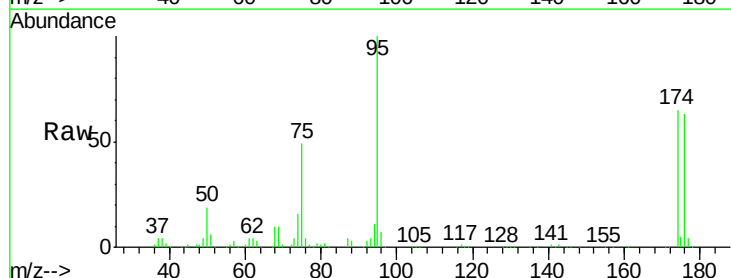
Tgt Ion: 95 Resp: 1000720

Ion Ratio Lower Upper

95 100

174 65.3 52.9 79.3

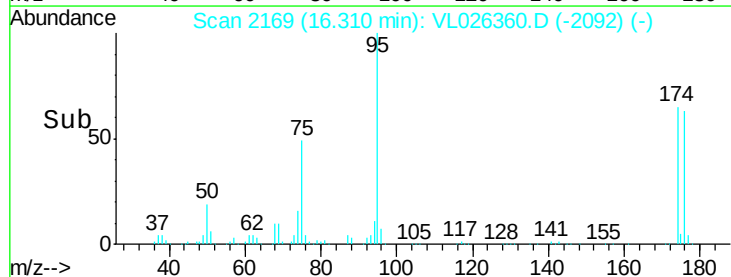
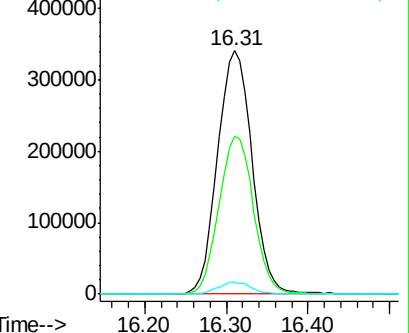
175 4.9 3.8 5.8

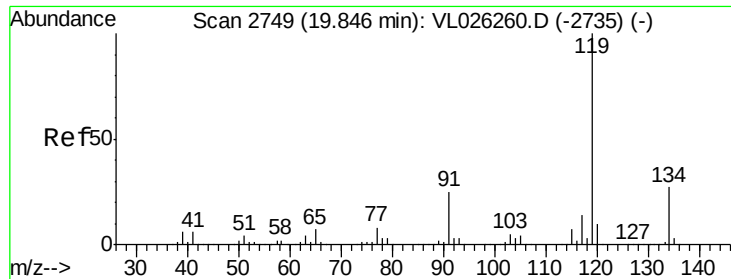


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





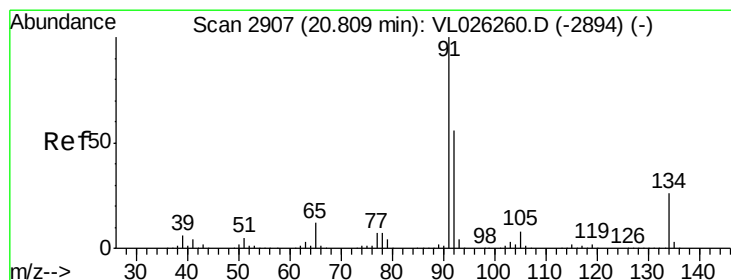
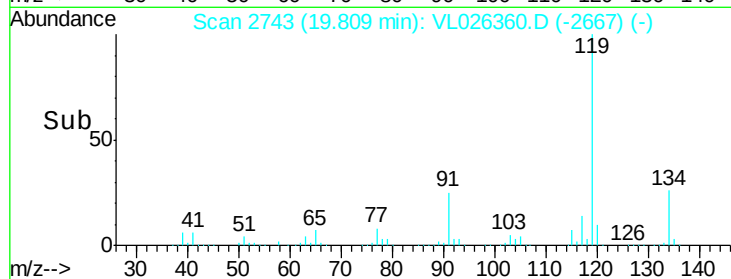
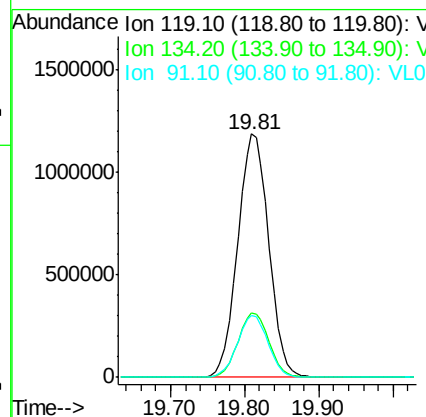
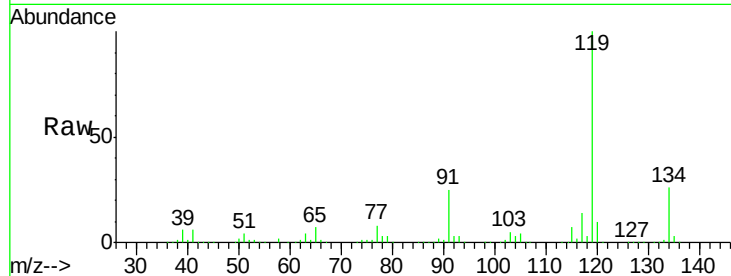
#69
 p-Isopropyltoluene
 Concen: 10.52 ppbv
 RT: 19.81 min Scan# 2743
 Delta R.T. -0.04 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.5	21.3	31.9
91	25.2	19.6	29.4

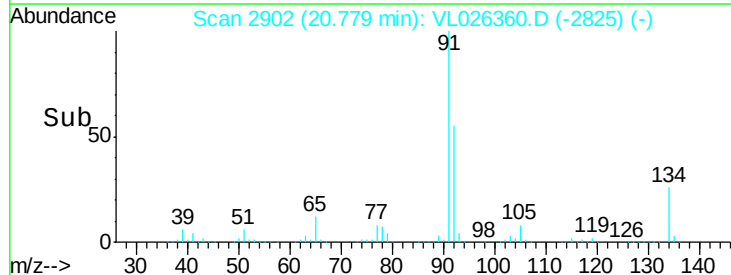
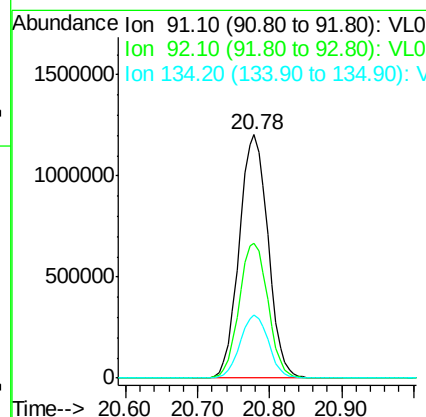
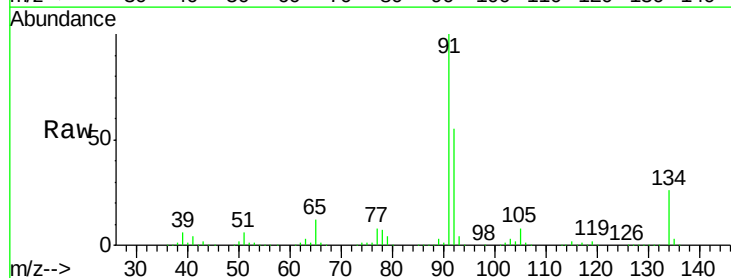
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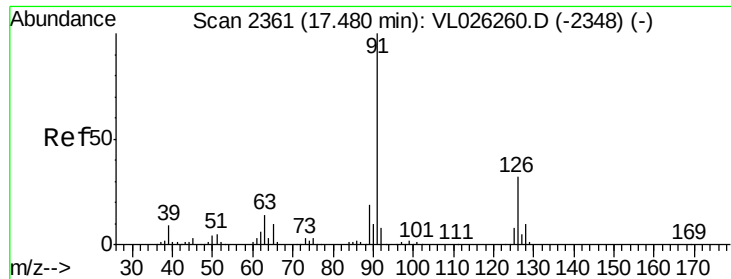
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#70
 n-Butylbenzene
 Concen: 10.69 ppbv
 RT: 20.78 min Scan# 2902
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
92	55.5	44.9	67.3
134	25.5	20.5	30.7





#71

2-Chlorotoluene

Concen: 10.72 ppbv

RT: 17.45 min Scan# 2356

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion: 91 Resp: 2499563

Ion Ratio Lower Upper

91 100

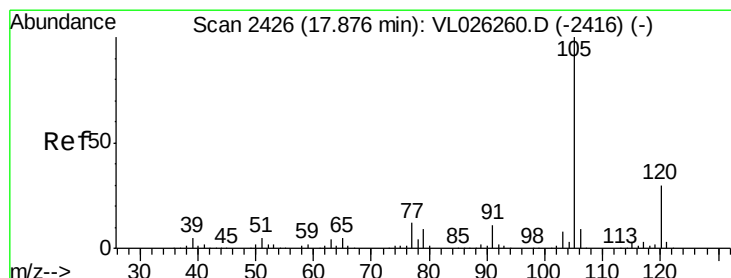
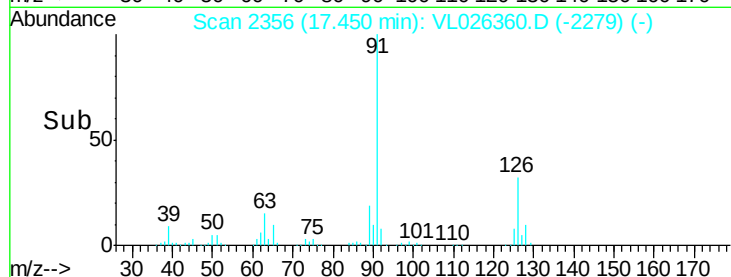
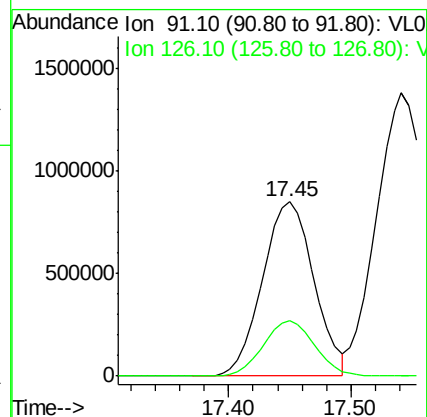
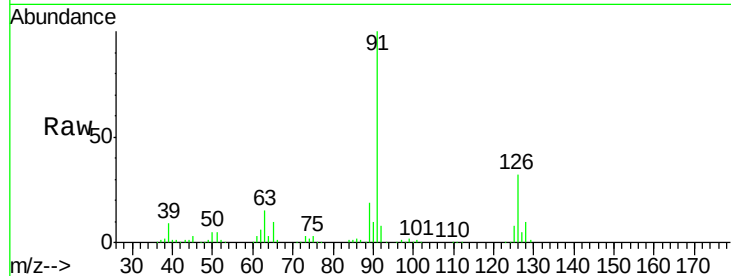
126 31.7 12.8 51.0

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#72

4-Ethyltoluene

Concen: 10.84 ppbv

RT: 17.84 min Scan# 2420

Delta R.T. -0.04 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Tgt Ion: 105 Resp: 2835116

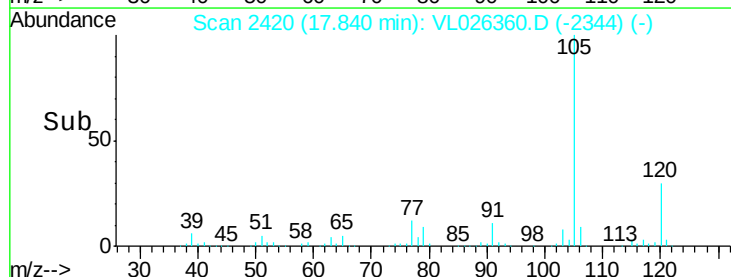
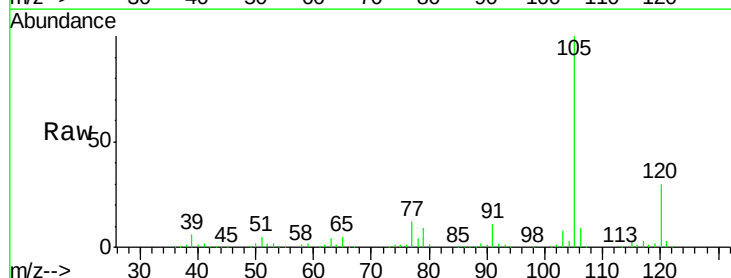
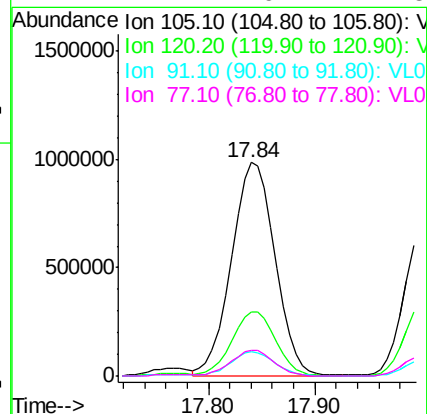
Ion Ratio Lower Upper

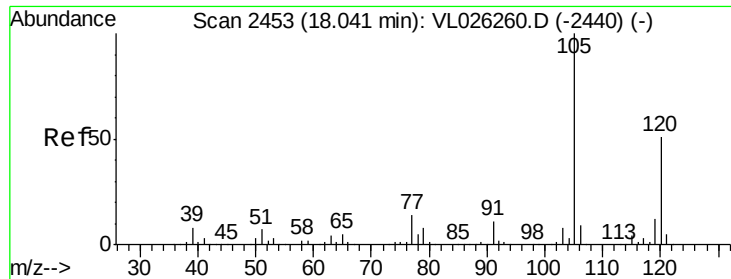
105 100

120 31.4 25.1 37.7

91 11.9 9.1 13.7

77 12.4 9.7 14.5





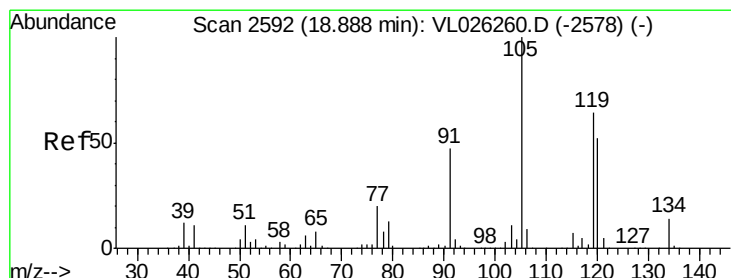
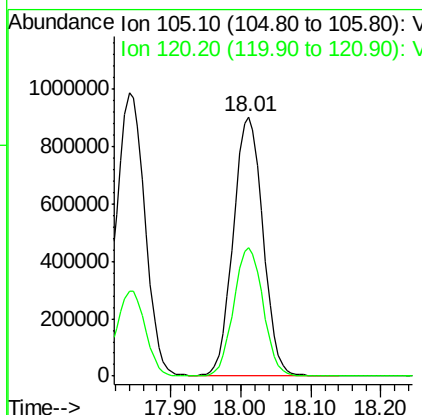
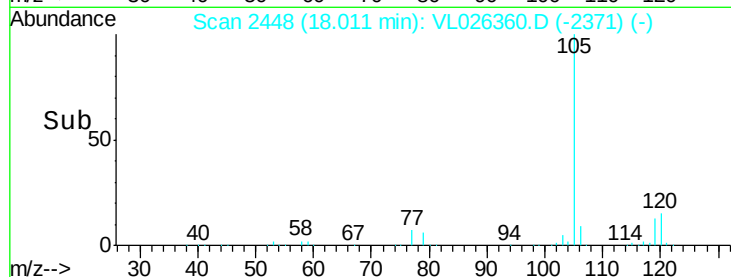
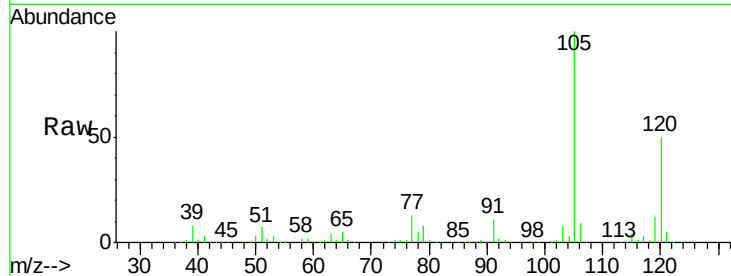
#73
 1,3,5-Trimethylbenzene
 Concen: 10.80 ppbv
 RT: 18.01 min Scan# 2448
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:105 Resp: 2664496
 Ion Ratio Lower Upper
 105 100
 120 49.6 40.6 61.0

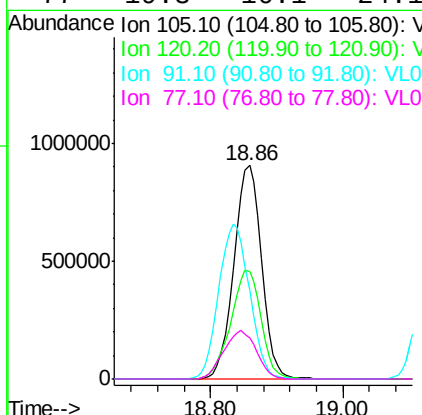
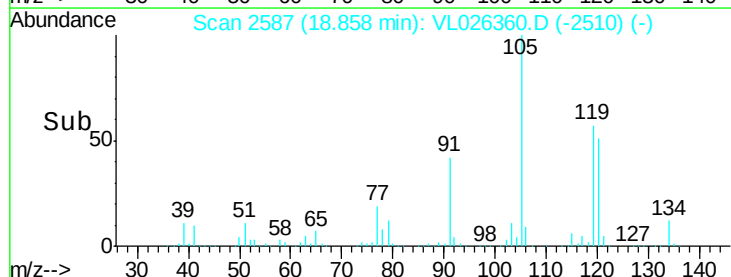
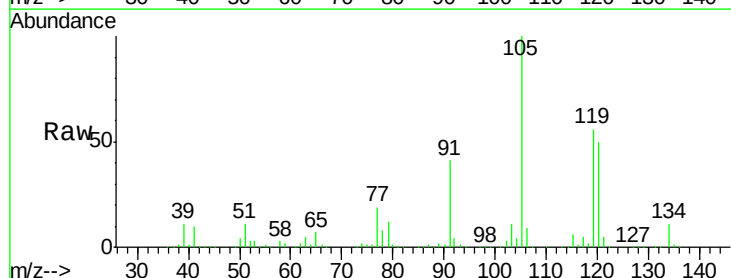
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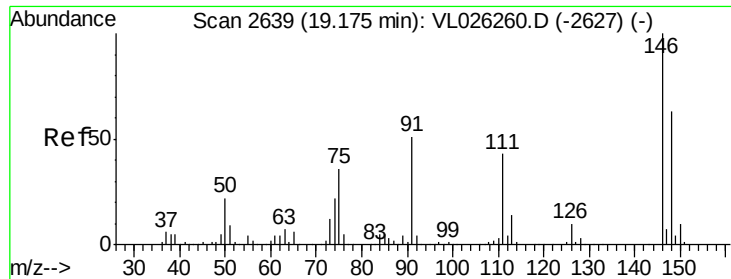
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#74
 1,2,4-Trimethylbenzene
 Concen: 10.18 ppbv
 RT: 18.86 min Scan# 2587
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion:105 Resp: 2628394
 Ion Ratio Lower Upper
 105 100
 120 50.5 41.2 61.8
 91 41.2 37.8 56.8
 77 19.3 16.1 24.1





#75

1,3-Dichlorobenzene

Concen: 10.16 ppbv

RT: 19.14 min Scan# 2634

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tot Ion:146 Resp: 1699100

Ion Ratio Lower Upper

146 100

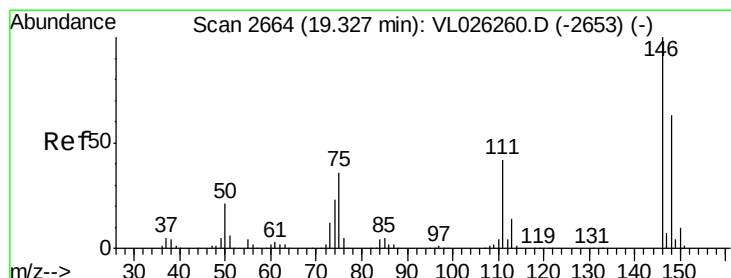
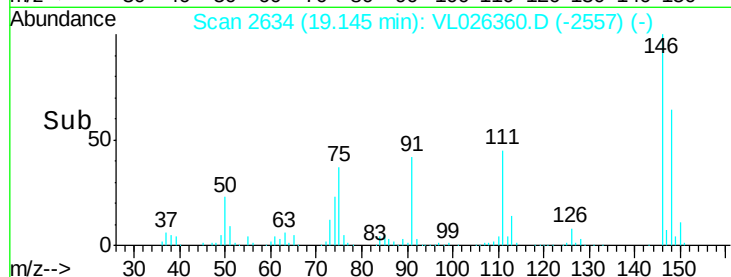
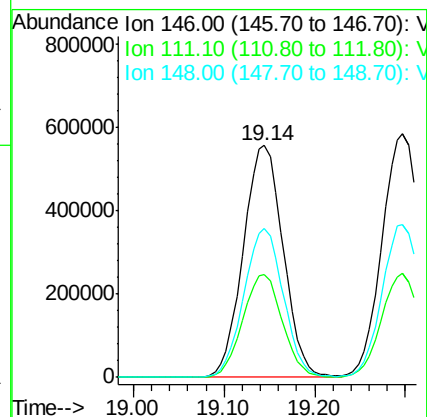
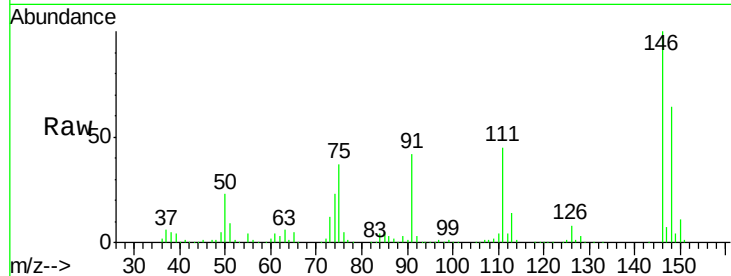
111 43.9 21.9 65.5

148 63.4 31.8 95.3

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#76

1,4-Dichlorobenzene

Concen: 10.37 ppbv

RT: 19.30 min Scan# 2659

Delta R.T. -0.03 min

Lab File: VL026360.D

Acq: 11 Nov 2015 10:36

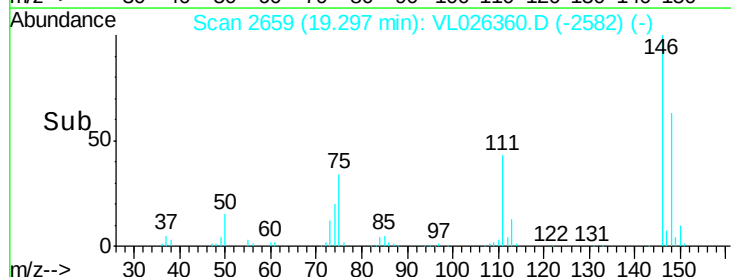
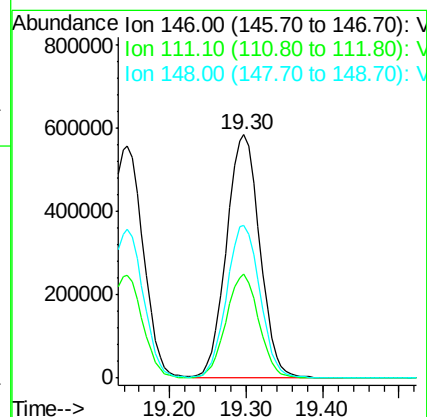
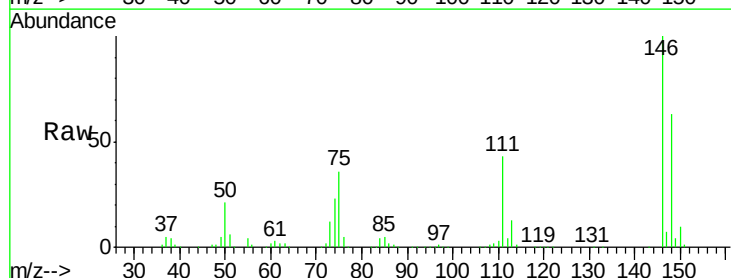
Tgt Ion:146 Resp: 1763338

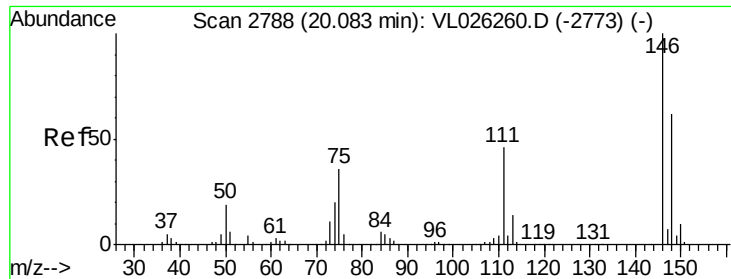
Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.4

148 63.5 31.8 95.3





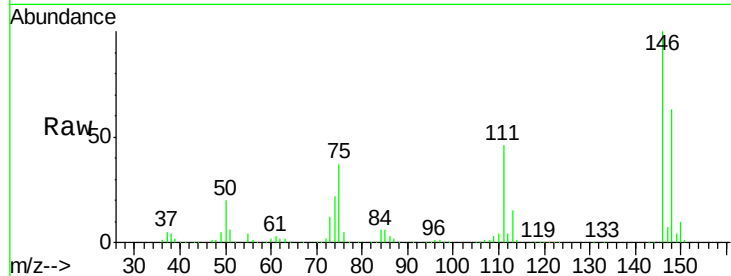
#77
 1,2-Dichlorobenzene
 Concen: 10.25 ppbv
 RT: 20.05 min Scan# 2782
 Delta R.T. -0.04 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

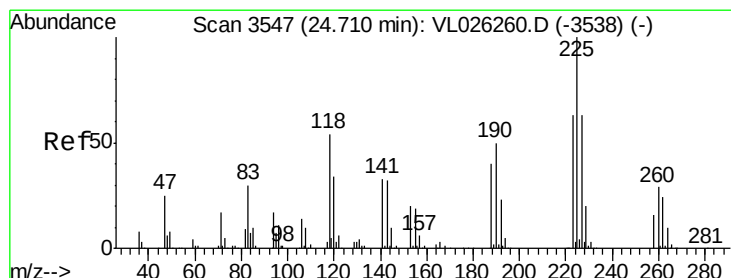
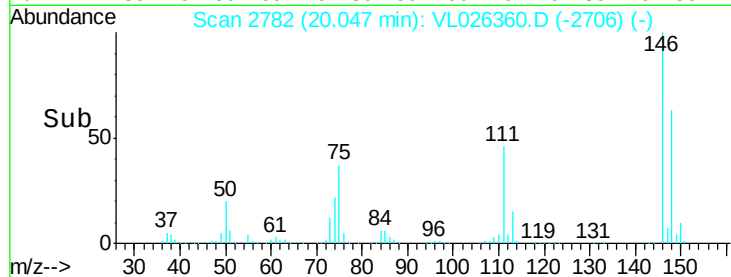
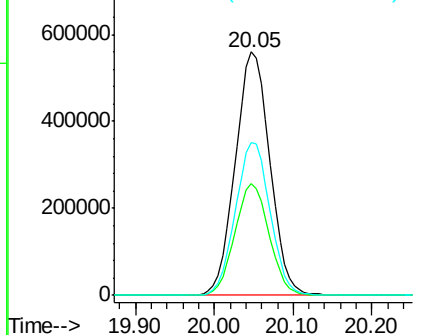
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	22.8	68.3
148	63.5	31.6	94.8

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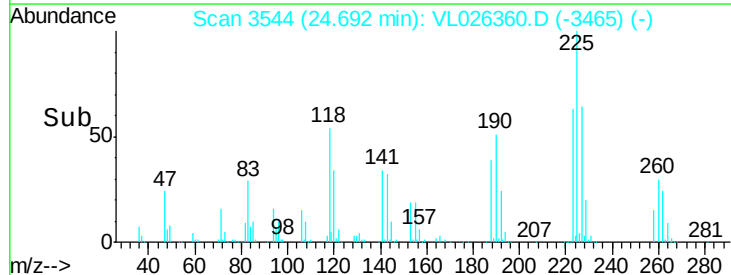
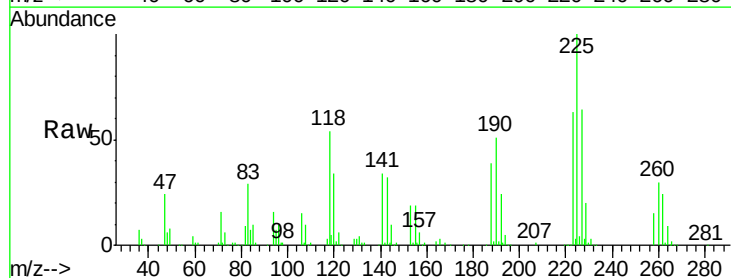
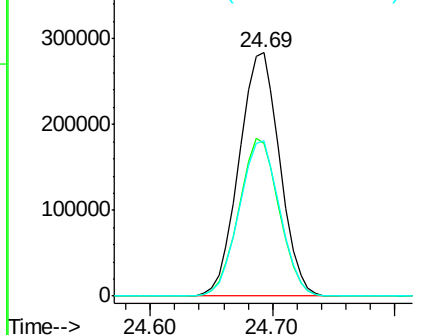
Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.10 (110.80 to 111.80): V
 Ion 148.00 (147.70 to 148.70): V

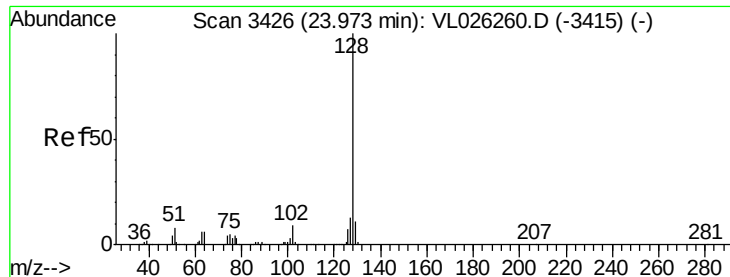


#78
 Hexachloro-1,3-Butadiene
 Concen: 9.70 ppbv
 RT: 24.69 min Scan# 3544
 Delta R.T. -0.02 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.8	51.3	76.9

Abundance Ion 224.90 (224.60 to 225.60): V
 Ion 222.90 (222.60 to 223.60): V
 Ion 226.90 (226.60 to 227.60): V





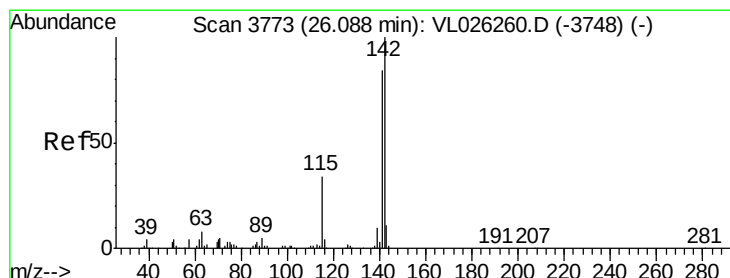
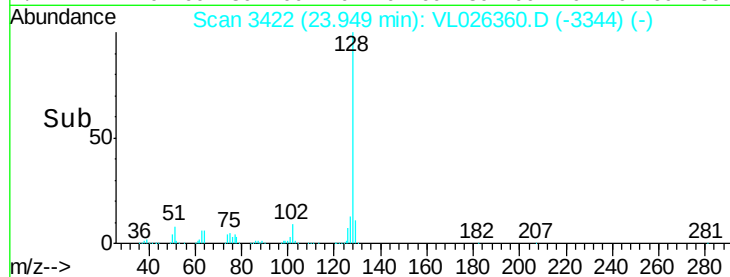
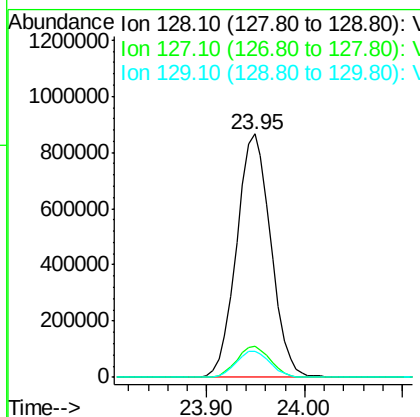
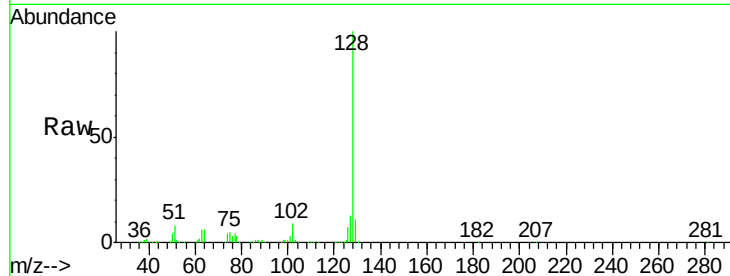
#79
Naphthalene
Concen: 11.36 ppbv
RT: 23.95 min Scan# 3422
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.1	15.1
129	10.7	8.8	13.2

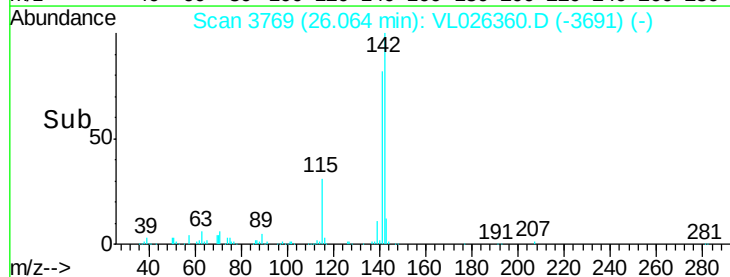
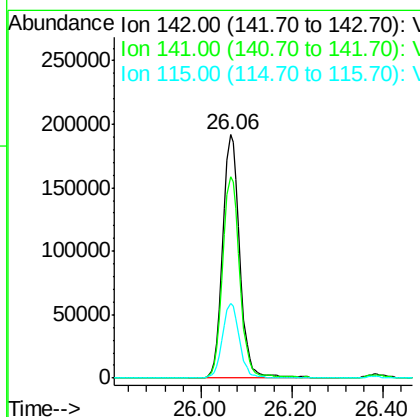
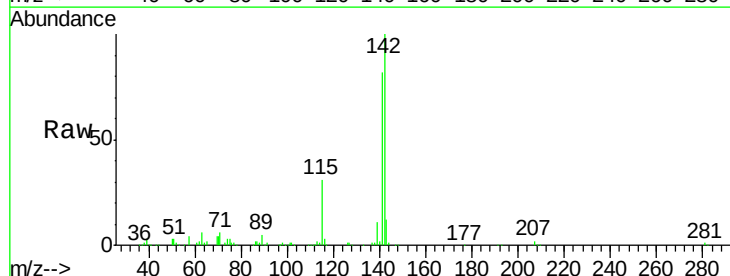
Manual Integrations
APPROVED

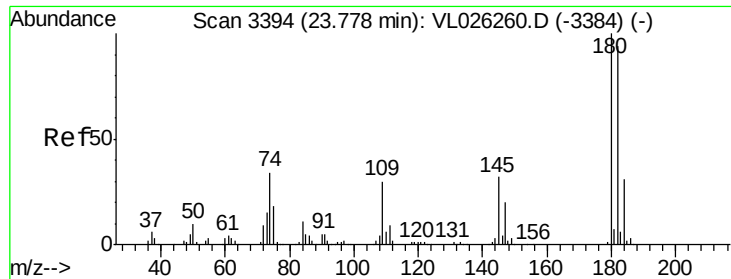
mohammad
11/12/2015 6:51:46 PM



#80
Naphthalene, 2-methyl-
Concen: 14.78 ppbv
RT: 26.06 min Scan# 3769
Delta R.T. -0.02 min
Lab File: VL026360.D
Acq: 11 Nov 2015 10:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	83.7	66.1	99.1
115	31.0	28.1	42.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.70 ppbv
 RT: 23.75 min Scan# 3389
 Delta R.T. -0.03 min
 Lab File: VL026360.D
 Acq: 11 Nov 2015 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tot Ion:	180	Resp:	986123
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.0	114.0
184	30.1	24.2	36.4

Manual Integrations
 APPROVED

mohammad
 11/12/2015 6:51:46 PM

