

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
 Data File : VL025749.D
 Acq On : 27 Jul 2015 11:11
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

sam
 7/28/2015 11:59:14 AM

Quant Time: Jul 27 12:04:18 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 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	694987	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.33	114	1911584	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.75	117	2416670m	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	1783668	8.75	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.64	85	1330514	7.39	ppbv	100
3) Chlorodifluoromethane	3.56	51	804410	8.21	ppbv	99
4) Chloromethane	3.75	50	370355	8.29	ppbv	100
5) Vinyl Chloride	3.89	62	412241	8.54	ppbv	99
6) Bromomethane	4.14	94	335010	8.56	ppbv	96
7) Chloroethane	4.23	64	192613	8.58	ppbv	99
8) Dichlorotetrafluoroethane	3.80	85	1287175	8.15	ppbv	100
9) Propene	3.59	41	274887	8.45	ppbv	99
10) Heptane	9.35	43	1178387	9.30	ppbv	98
11) Trichlorofluoromethane	4.69	101	1927562	8.25	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.30	101	1109257	8.28	ppbv	100
13) Ethanol	4.33	45	35605m	7.04	ppbv	
14) Bromoethene	4.45	108	376253	8.56	ppbv	99
15) Acetone	4.60	43	942262	7.67	ppbv	99
16) 1,3-Butadiene	3.96	39	410380	8.40	ppbv	99
17) tert-Butyl alcohol	5.12	59	903956	8.77	ppbv	99
18) 1,1-Dichloroethene	5.08	96	440331	8.59	ppbv	99
19) Isopropyl Alcohol	4.74	45	358044	7.31	ppbv #	98
20) Methylene Chloride	5.15	84	401006	8.04	ppbv	97
21) Allyl Chloride	5.22	41	670885	8.73	ppbv	98
22) trans-1,2-Dichloroethene	5.76	96	467129	8.92	ppbv	98
23) Vinyl Acetate	5.98	43	1735906	9.33	ppbv	99
24) 1,1-Dichloroethane	5.91	63	1072439	8.60	ppbv	99
25) Ethyl Acetate	6.67	43	1644883	8.85	ppbv	99
26) Hexane	6.66	57	769779	8.80	ppbv	99
27) Carbon Disulfide	5.39	76	1256195	8.87	ppbv	99
28) Methyl tert-Butyl Ether	5.95	73	1605122	9.23	ppbv	100
29) Chloroform	6.75	83	1450395	8.39	ppbv	99
30) Cyclohexane	8.28	84	781773	9.35	ppbv	98
31) cis-1,2-Dichloroethene	6.52	61	821769	9.45	ppbv	100
32) 1,1,1-Trichloroethane	7.60	97	1636672	8.72	ppbv	99
34) 2-Butanone	6.20	43	1009436	9.31	ppbv	99
35) Carbon Tetrachloride	8.16	117	1744350	8.56	ppbv	99
36) Benzene	8.02	78	1699635	9.29	ppbv	99
37) 1,2-Dichloroethane	7.37	62	1356674	8.68	ppbv	99
38) Trichloroethene	9.07	130	771311	9.06	ppbv	99
39) 1,2-Dichloropropane	8.83	63	610429	9.03	ppbv	96
40) 1,4-Dioxane	9.13	88	80635	7.60	ppbv #	1
41) Tetrahydrofuran	7.12	42	536177	9.90	ppbv	100
42) Bromodichloromethane	9.02	83	1700484	9.02	ppbv	100
43) Methyl Methacrylate	9.27	69	705610	10.04	ppbv	100

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Quant Time: Jul 27 12:04:18 2015
 Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 02:22:55 2015
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	2891207	9.21	ppbv	99
45) t-1,3-Dichloropropene	10.65	75	1230808	10.42	ppbv	98
46) cis-1,3-Dichloropropene	10.02	75	1349494	10.33	ppbv	97
47) 1,1,2-Trichloroethane	10.88	97	855000	9.09	ppbv	98
48) Dibromochloromethane	11.80	129	1555747	9.24	ppbv	99
49) Bromoform	14.82	173	1267028	9.13	ppbv	100
50) 4-Methyl-2-Pentanone	10.09	43	1524719	9.76	ppbv	99
51) 2-Hexanone	11.62	43	1470342	10.49	ppbv	99
52) Tetrachloroethene	12.79	164	869003	9.46	ppbv	100
53) Toluene	11.24	91	2500442	9.72	ppbv	100
54) 1,2-Dibromoethane	12.15	107	1389211	9.13	ppbv	96
56) 1,1,1,2-Tetrachloroethane	13.79	131	1127766	8.63	ppbv	100
57) Chlorobenzene	13.82	112	2222520	8.64	ppbv	98
58) Ethyl Benzene	14.41	91	3857679	9.67	ppbv	99
59) m/p-Xylene	14.72	91	6320799	18.02	ppbv	100
60) o-Xylene	15.49	91	3360081	8.90	ppbv	100
61) Styrene	15.32	104	1417489	10.71	ppbv	99
62) Isopropylbenzene	16.55	105	4429643	8.97	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.49	83	2142902	8.39	ppbv	100
64) n-propylbenzene	17.52	120	1194461	8.95	ppbv	97
65) tert-Butylbenzene	18.82	119	4196589	8.66	ppbv	100
66) Benzyl Chloride	19.11	91	1782874	10.03	ppbv	100
67) sec-Butylbenzene	19.41	105	5890377	8.67	ppbv	100
69) p-Isopropyltoluene	19.79	119	4943742	8.83	ppbv	100
70) n-Butylbenzene	20.76	91	4889094	8.61	ppbv	99
71) 2-Chlorotoluene	17.43	91	3355411	9.27	ppbv	100
72) 4-Ethyltoluene	17.82	105	3853693	9.23	ppbv	99
73) 1,3,5-Trimethylbenzene	17.99	105	3666519	8.93	ppbv	99
74) 1,2,4-Trimethylbenzene	18.84	105	3858035	8.39	ppbv	93
75) 1,3-Dichlorobenzene	19.13	146	2421997	8.09	ppbv	99
76) 1,4-Dichlorobenzene	19.28	146	2507888	8.36	ppbv	100
77) 1,2-Dichlorobenzene	20.03	146	2466625	8.30	ppbv	100
78) Hexachloro-1,3-Butadiene	24.67	225	1374569	7.52	ppbv	99
79) Naphthalene	23.93	128	3670665	8.27	ppbv	100
80) Naphthalene,2-methyl-	26.05	142	1299974	10.07	ppbv	98
81) 1,2,4-Trichlorobenzene	23.74	180	1718044	8.07	ppbv	100

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

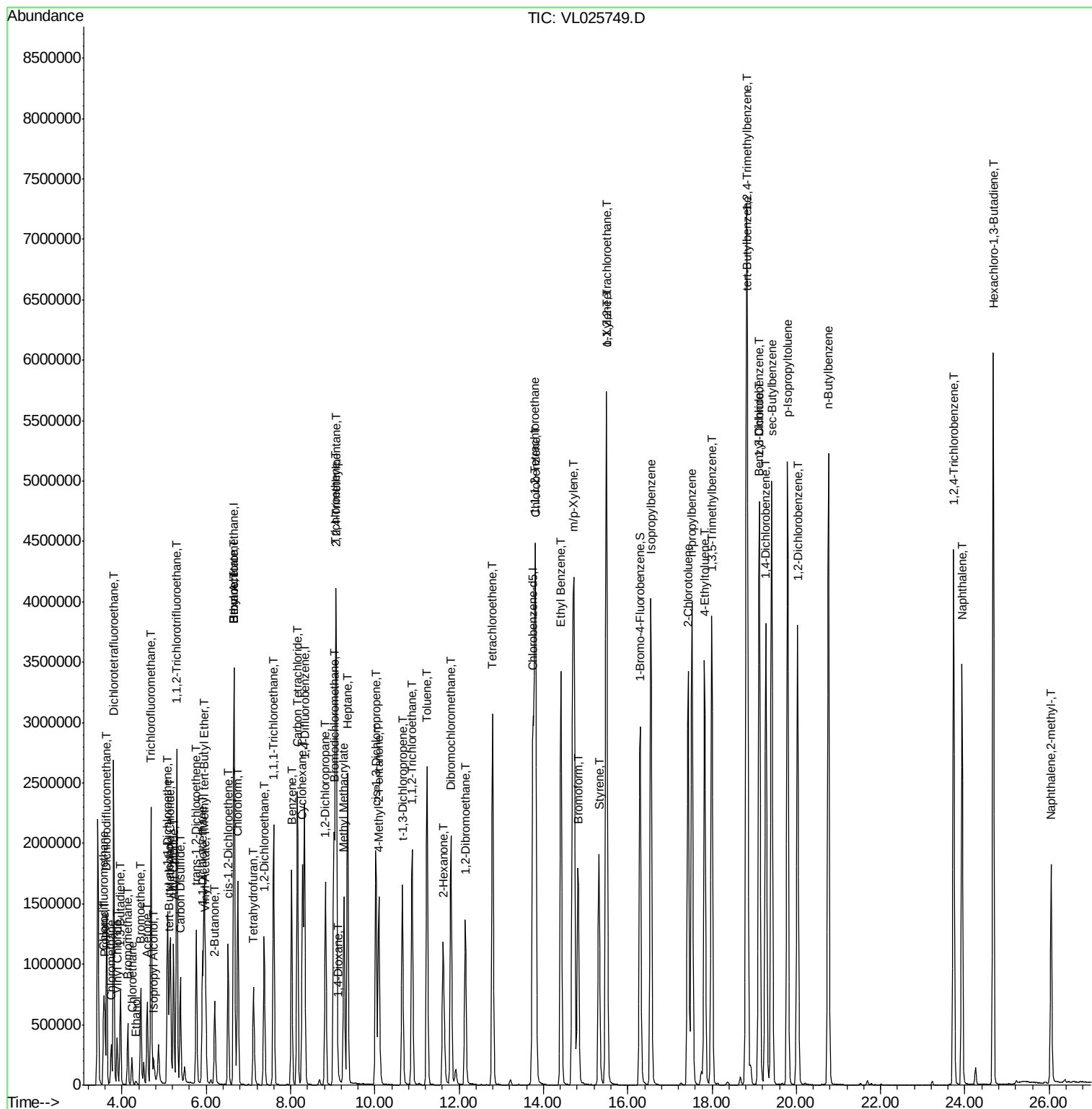
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Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\  
Data File : VL025749.D  
Acq On    : 27 Jul 2015   11:11  
Operator  : SY/MD  
Sample    : VSTDCCC010  
Misc      : 400mL/MSVOA_L  
ALS Vial  : 1      Sample Multiplier: 1
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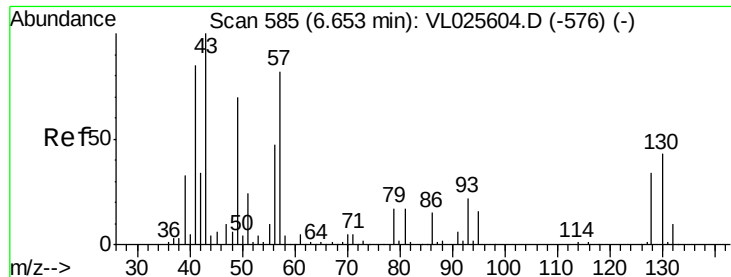
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

7/28/2015 11:59:14 AM

Quant Time: Jul 27 12:04:18 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : wed Jul 08 02:22:55 2015
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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 6.65 min Scan# 585

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

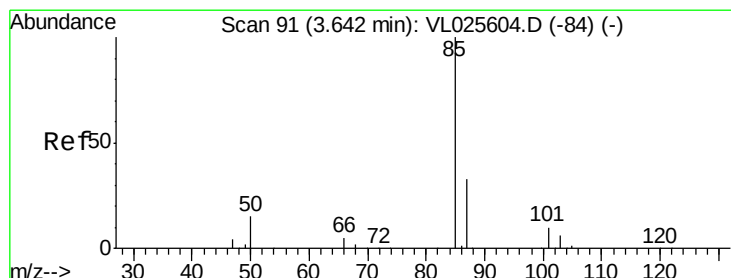
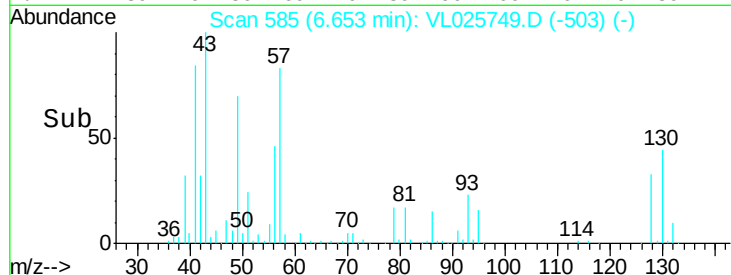
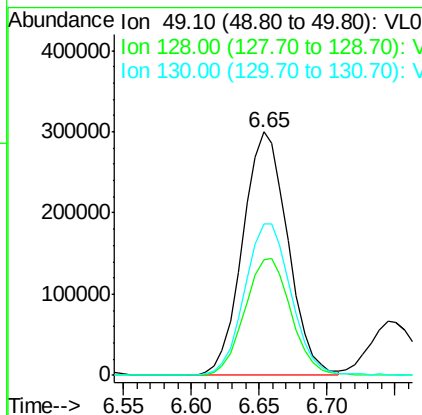
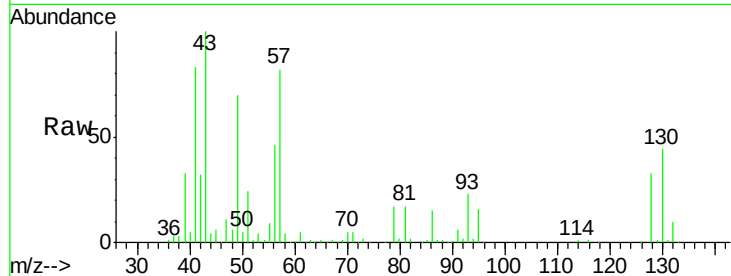
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
49	100		
128	49.4	25.4	76.0
130	64.5	31.9	95.9

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#2

Dichlorodifluoromethane

Concen: 7.39 ppbv

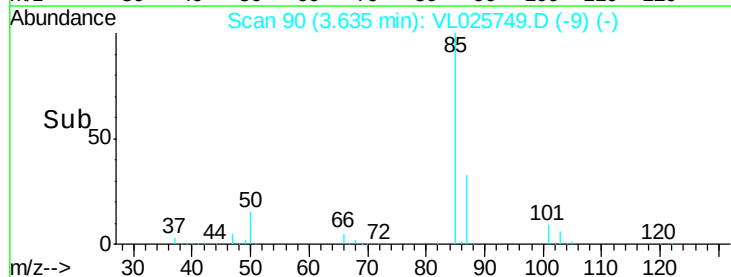
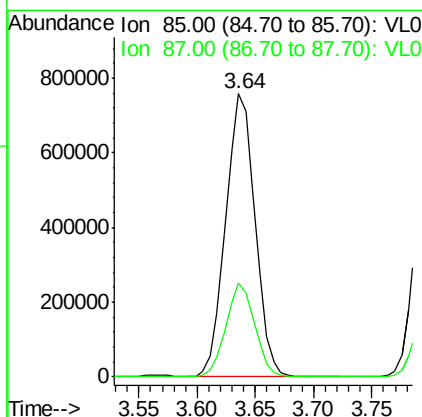
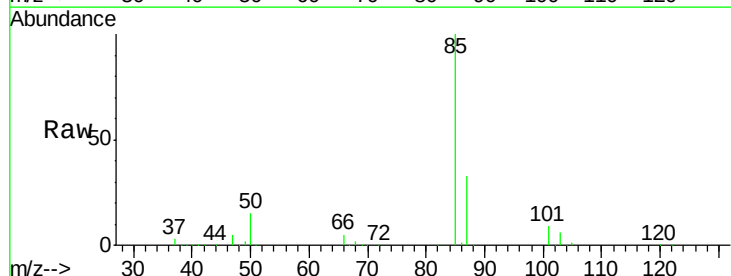
RT: 3.64 min Scan# 90

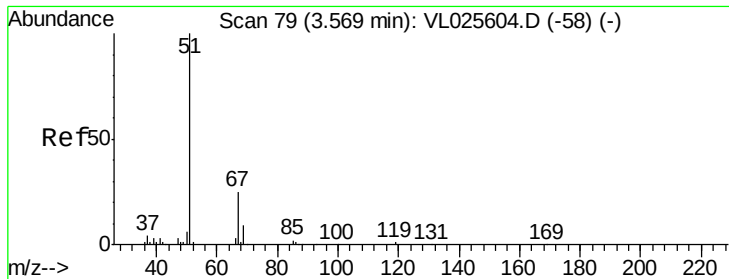
Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.1	26.5	39.7





#3

Chlorodifluoromethane

Concen: 8.21 ppbv

RT: 3.56 min Scan# 78

Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 51 Resp: 804410

Ion Ratio Lower Upper

51 100

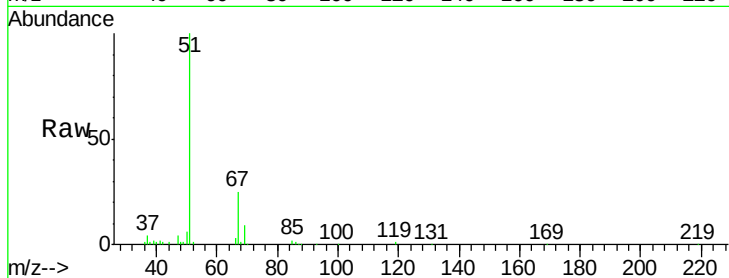
67 23.9 19.5 29.3

Manual Integrations

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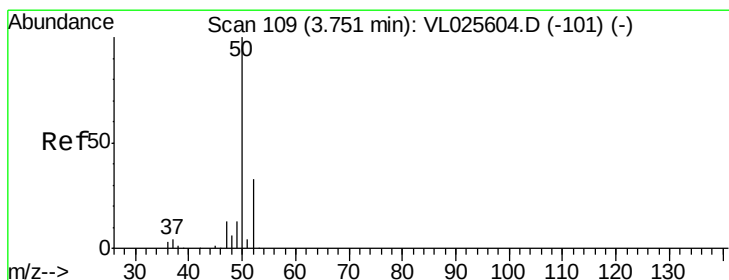
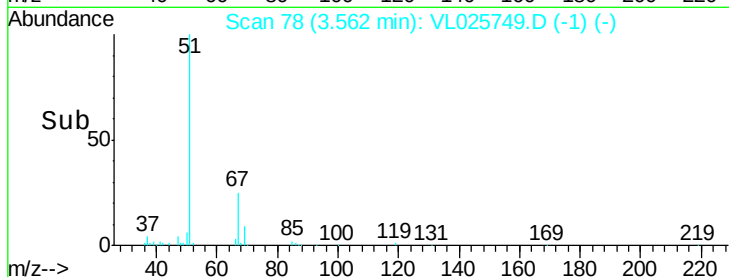
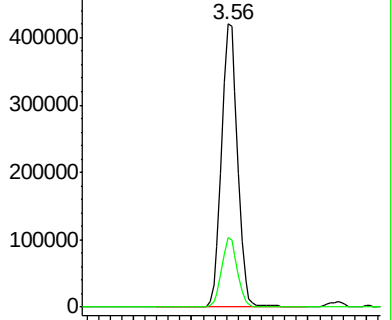
sam

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Abundance Ion 51.00 (50.70 to 51.70): VL0

Ion 67.00 (66.70 to 67.70): VL0



#4

Chloromethane

Concen: 8.29 ppbv

RT: 3.75 min Scan# 108

Delta R.T. -0.01 min

Lab File: VL025749.D

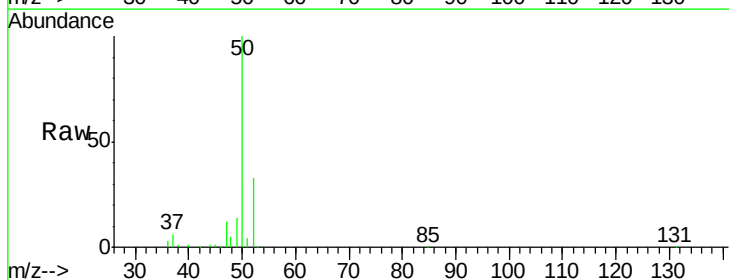
Acq: 27 Jul 2015 11:11

Tgt Ion: 50 Resp: 370355

Ion Ratio Lower Upper

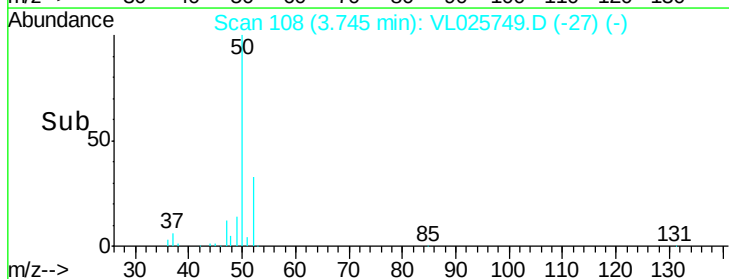
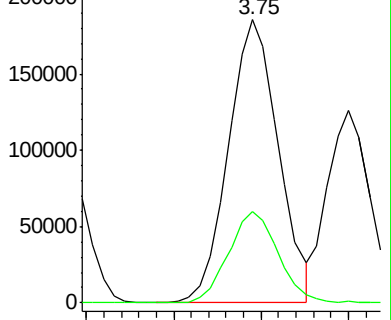
50 100

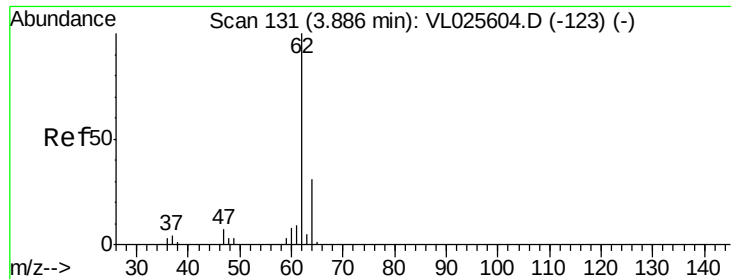
52 32.6 26.2 39.2



Abundance Ion 50.10 (49.80 to 50.80): VL0

Ion 52.10 (51.80 to 52.80): VL0





#5

Vinyl Chloride

Concen: 8.54 ppbv

RT: 3.89 min Scan# 131

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 412241

Ion Ratio Lower Upper

62 100

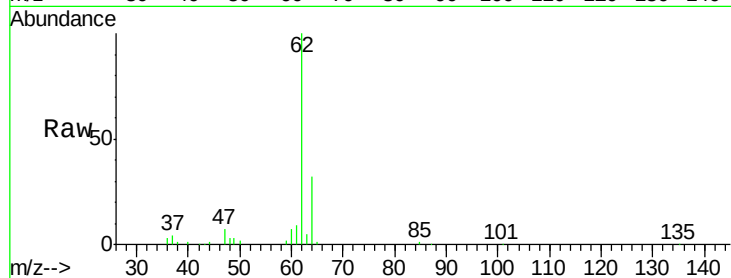
64 31.9 25.0 37.6

Manual Integrations

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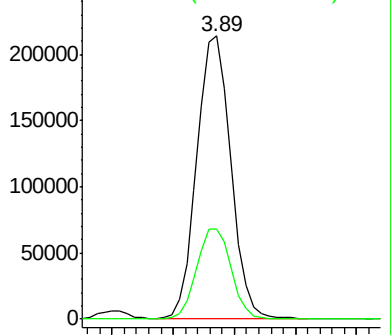
sam

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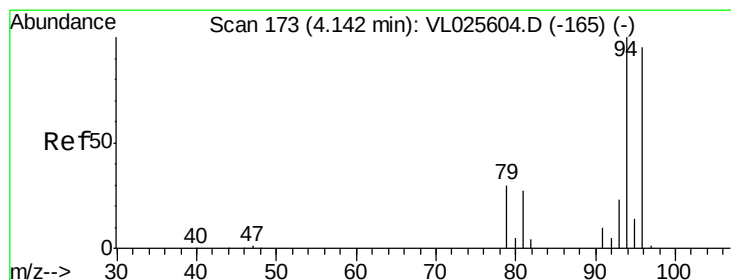
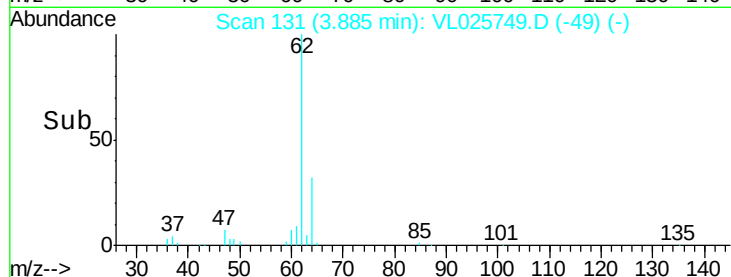


Abundance Ion 62.10 (61.80 to 62.80): VL0

Ion 64.10 (63.80 to 64.80): VL0



Time-->



#6

Bromomethane

Concen: 8.56 ppbv

RT: 4.14 min Scan# 172

Delta R.T. -0.01 min

Lab File: VL025749.D

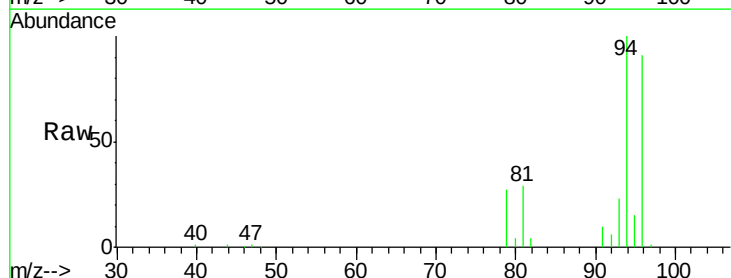
Acq: 27 Jul 2015 11:11

Tgt Ion: 94 Resp: 335010

Ion Ratio Lower Upper

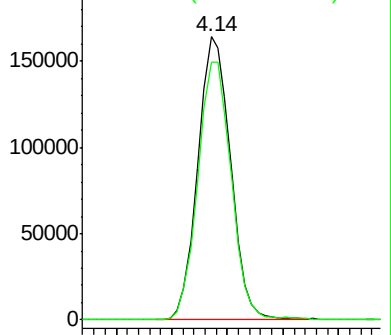
94 100

96 91.0 75.9 113.9

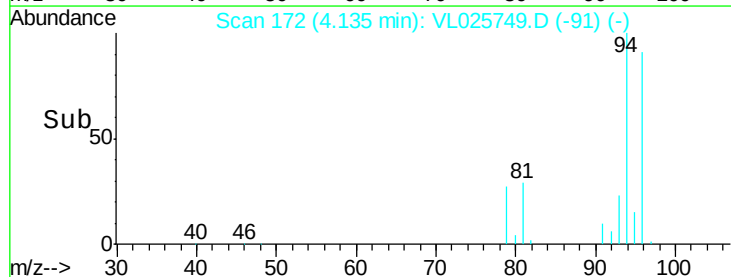


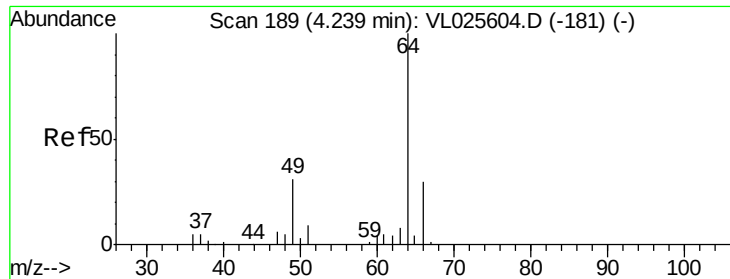
Abundance Ion 94.00 (93.70 to 94.70): VL0

Ion 96.00 (95.70 to 96.70): VL0



Time-->





#7

Chloroethane

Concen: 8.58 ppbv

RT: 4.23 min Scan# 188

Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 64 Resp: 192613

Ion Ratio Lower Upper

64 100

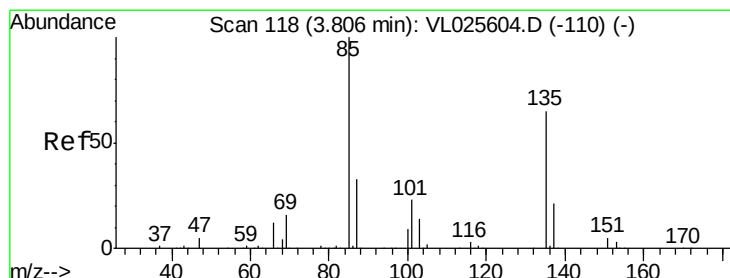
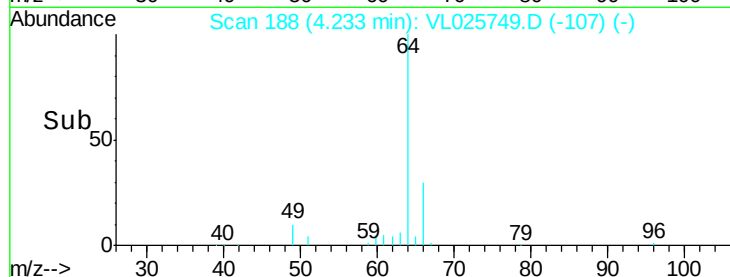
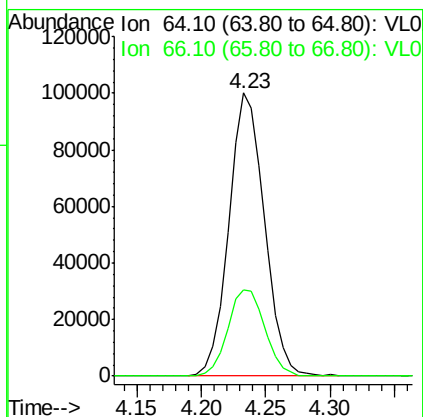
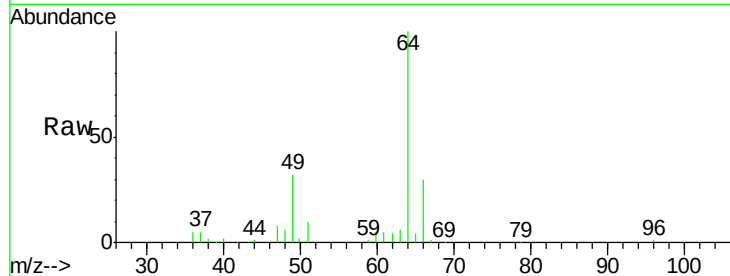
66 30.5 23.8 35.8

Manual Integrations

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#8

Dichlorotetrafluoroethane

Concen: 8.15 ppbv

RT: 3.80 min Scan# 117

Delta R.T. -0.01 min

Lab File: VL025749.D

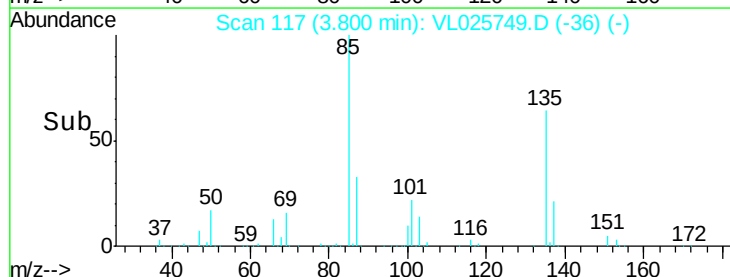
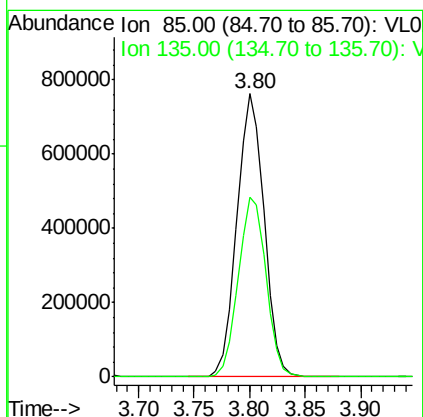
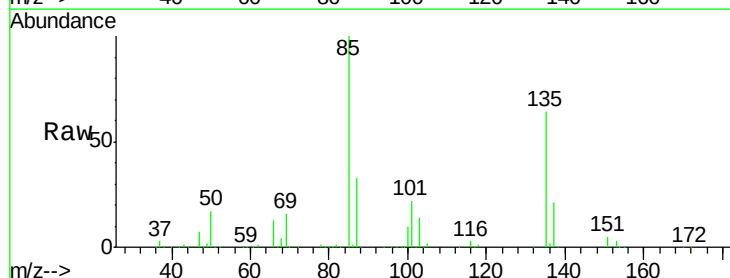
Acq: 27 Jul 2015 11:11

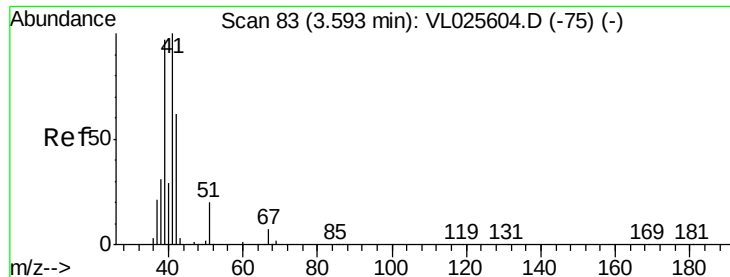
Tgt Ion: 85 Resp: 1287175

Ion Ratio Lower Upper

85 100

135 65.4 52.2 78.4





#9

Propene

Concen: 8.45 ppbv

RT: 3.59 min Scan# 82

Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 41 Resp: 274887

Ion Ratio Lower Upper

41 100

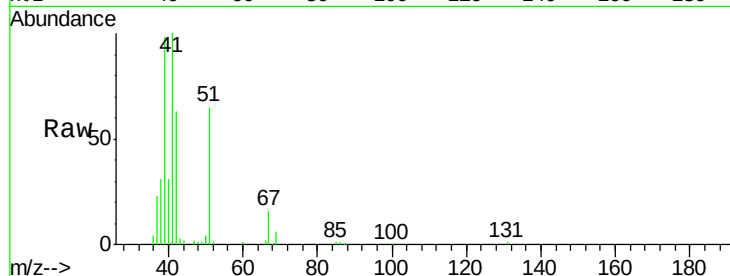
42 66.2 52.4 78.6

Manual Integrations

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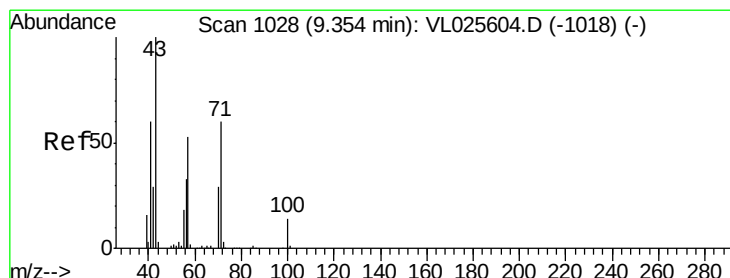
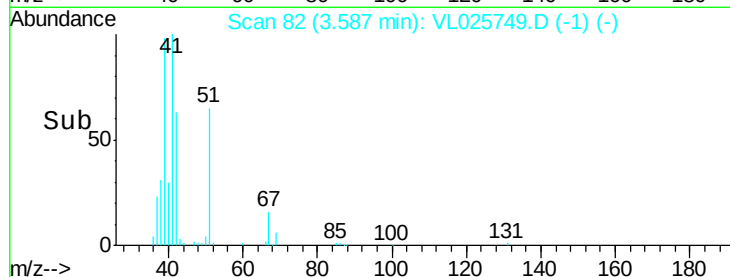
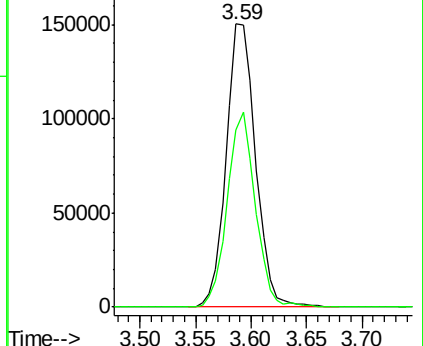
sam

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Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0



#10

Heptane

Concen: 9.30 ppbv

RT: 9.35 min Scan# 1028

Delta R.T. -0.00 min

Lab File: VL025749.D

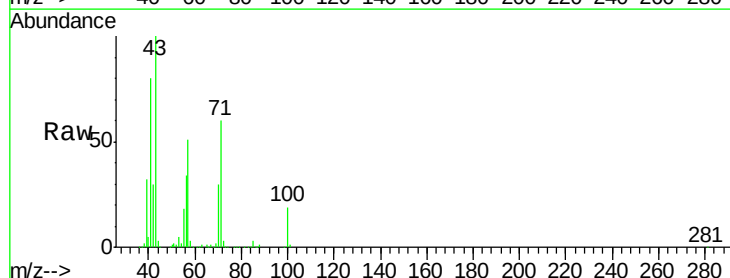
Acq: 27 Jul 2015 11:11

Tgt Ion: 43 Resp: 1178387

Ion Ratio Lower Upper

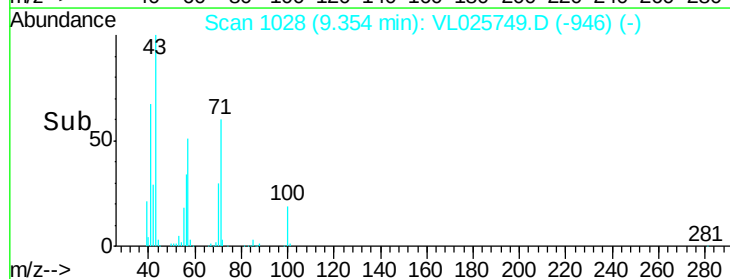
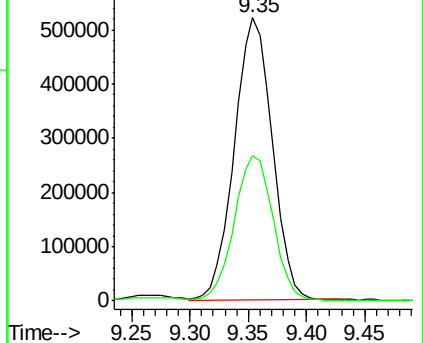
43 100

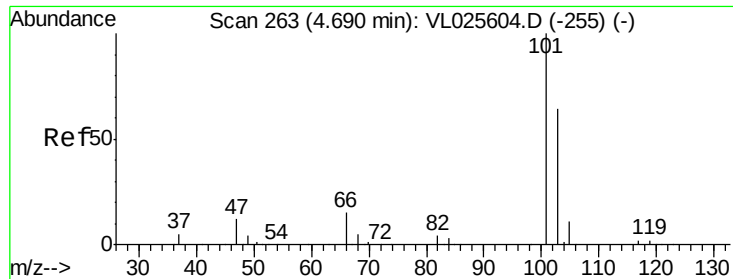
57 54.9 42.6 64.0



Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 57.10 (56.80 to 57.80): VL0





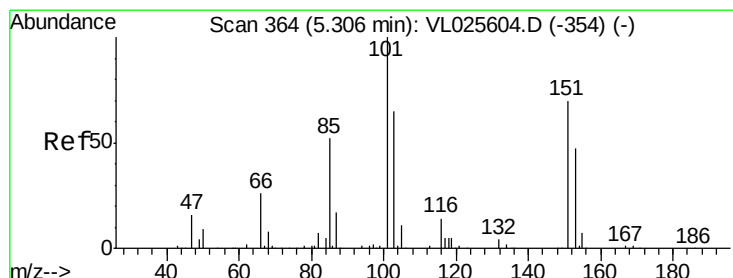
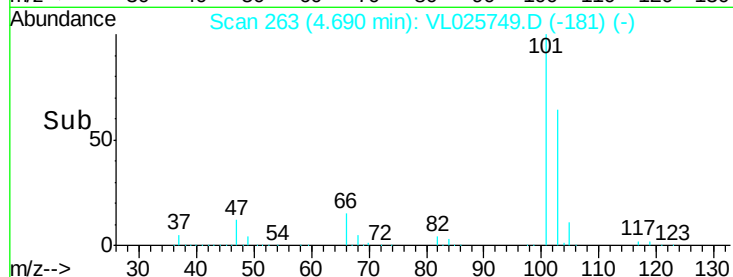
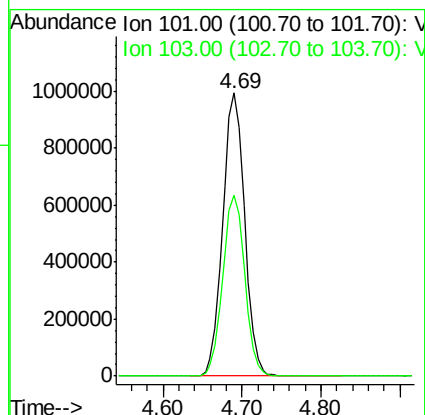
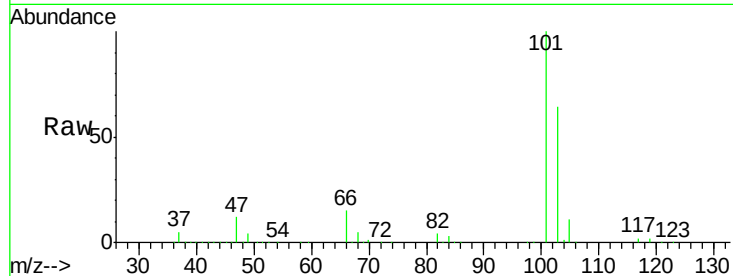
#11
 Trichlorofluoromethane
 Concen: 8.25 ppbv
 RT: 4.69 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:101 Resp: 1927562
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.4 77.2

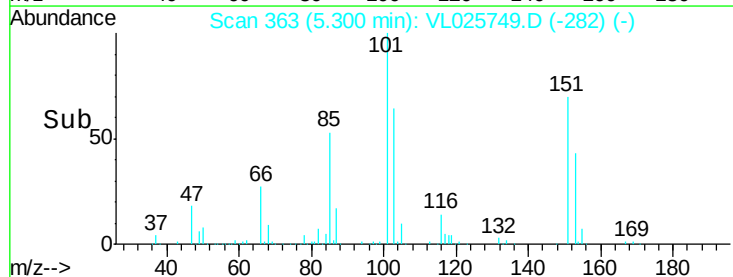
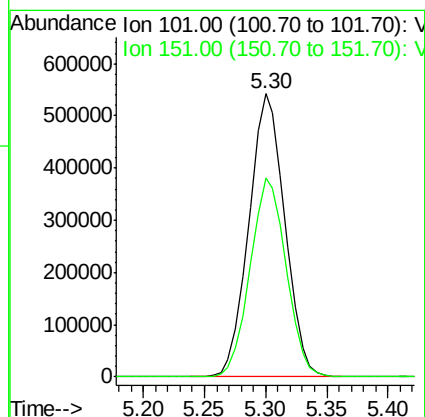
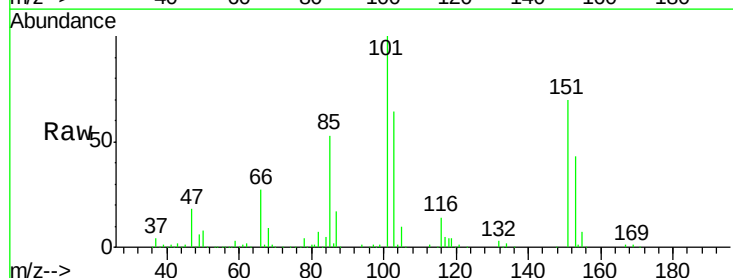
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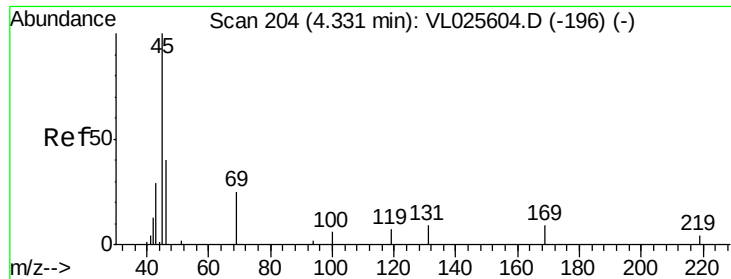
sam
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#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.28 ppbv
 RT: 5.30 min Scan# 363
 Delta R.T. -0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion:101 Resp: 1109257
 Ion Ratio Lower Upper
 101 100
 151 70.5 56.3 84.5





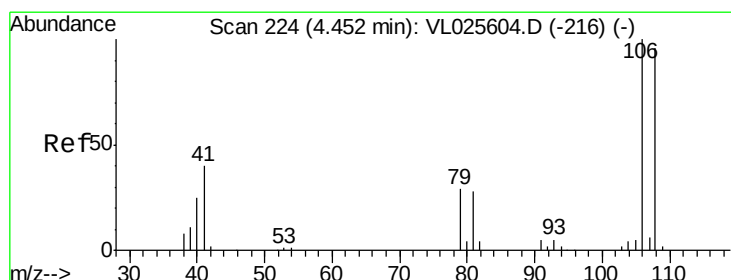
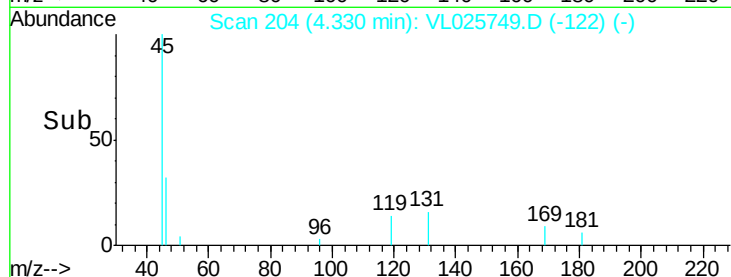
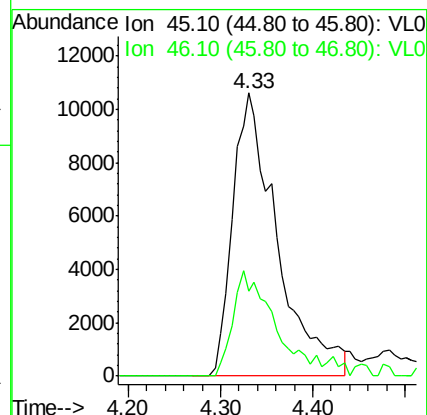
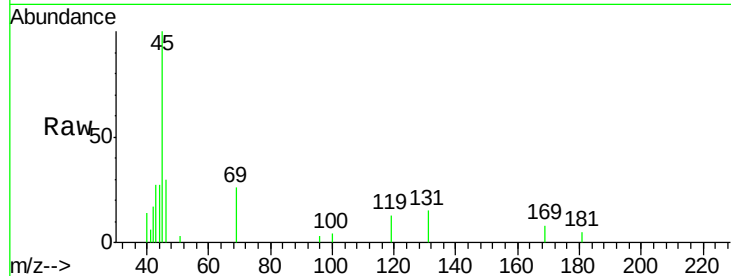
#13
Ethanol
Concen: 7.04 ppbv m
RT: 4.33 min Scan# 204
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 35605
Ion Ratio Lower Upper
45 100
46 38.7 16.0 64.0

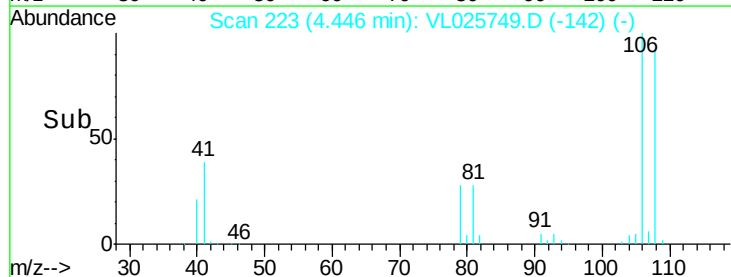
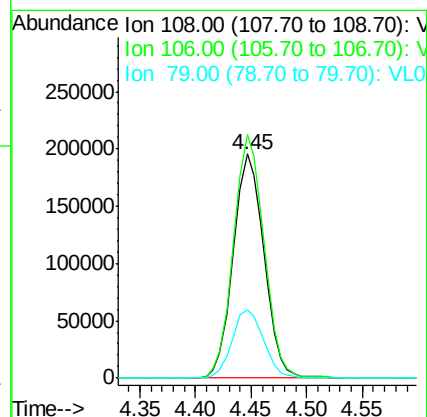
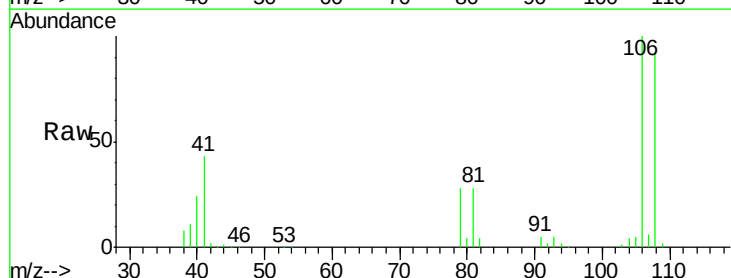
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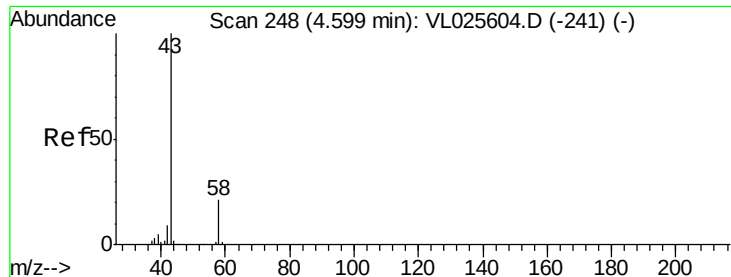
sam
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#14
Bromoethene
Concen: 8.56 ppbv
RT: 4.45 min Scan# 223
Delta R.T. -0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 108 Resp: 376253
Ion Ratio Lower Upper
108 100
106 108.2 85.7 128.5
79 31.6 24.6 36.8





#15

Acetone

Concen: 7.67 ppbv

RT: 4.60 min Scan# 248

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 942262

Ion Ratio Lower Upper

43 100

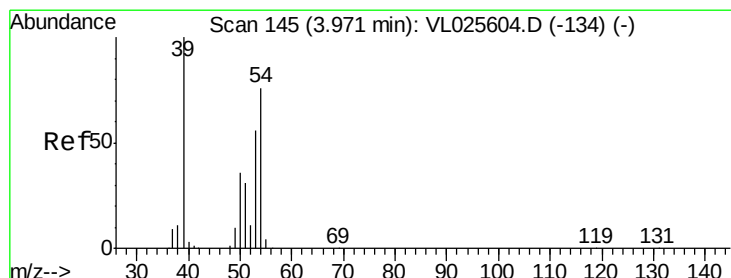
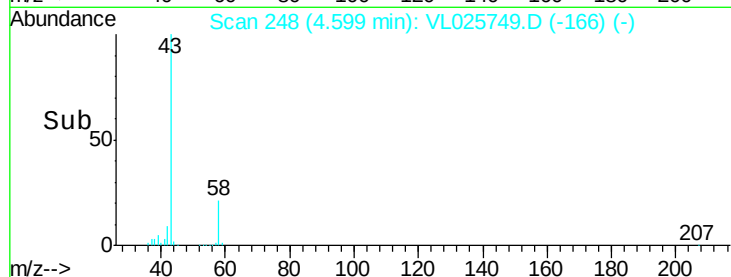
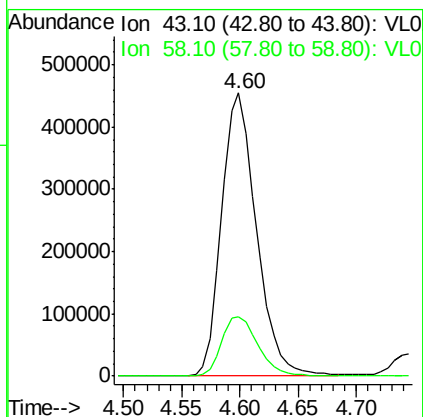
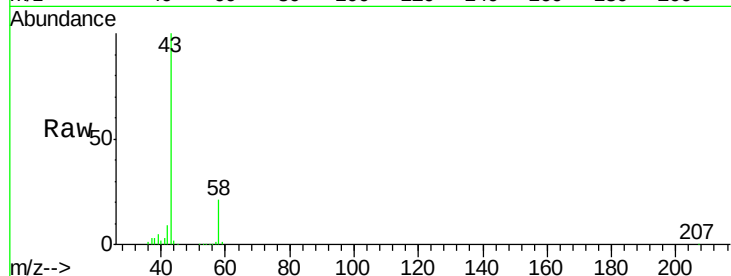
58 22.1 17.2 25.8

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#16

1,3-Butadiene

Concen: 8.40 ppbv

RT: 3.96 min Scan# 144

Delta R.T. -0.01 min

Lab File: VL025749.D

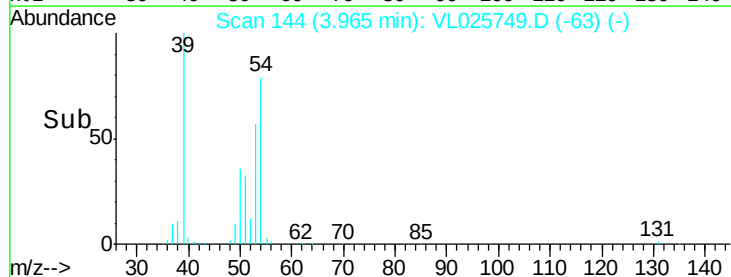
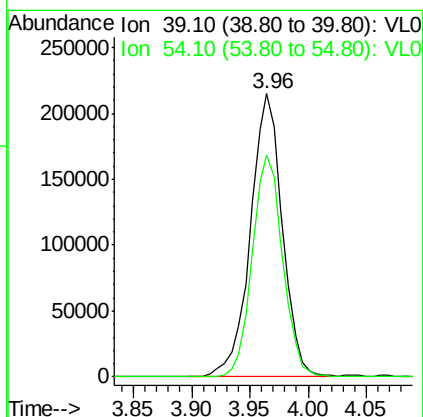
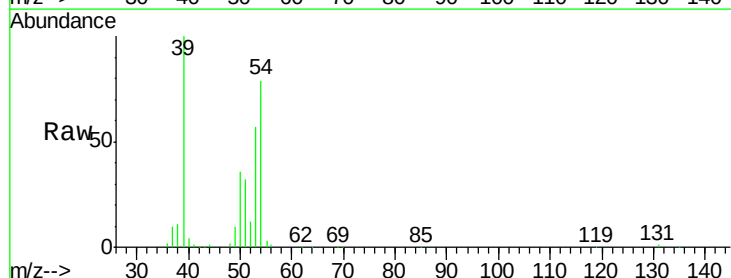
Acq: 27 Jul 2015 11:11

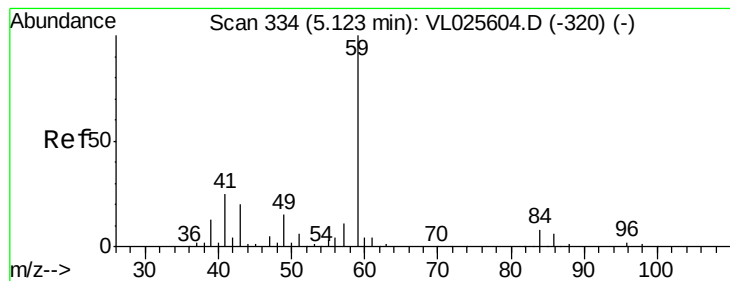
Tgt Ion: 39 Resp: 410380

Ion Ratio Lower Upper

39 100

54 74.6 59.3 88.9





#17

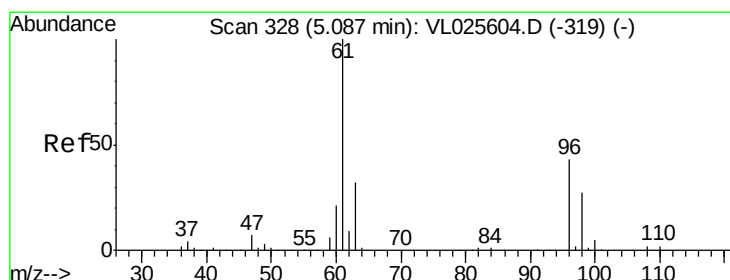
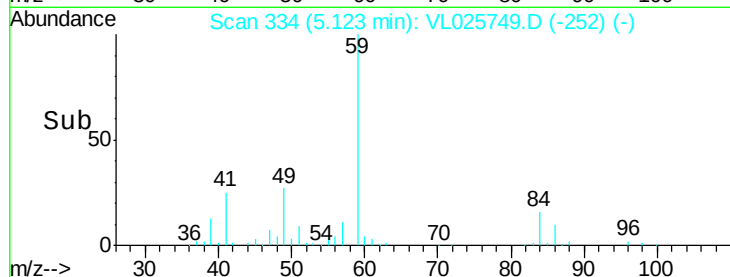
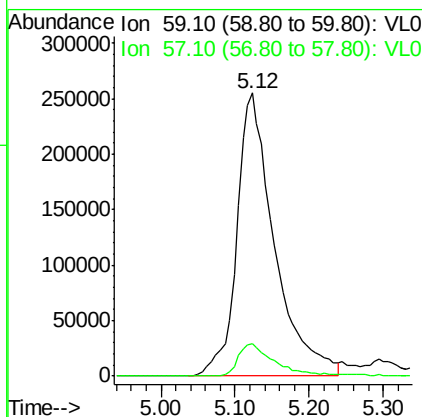
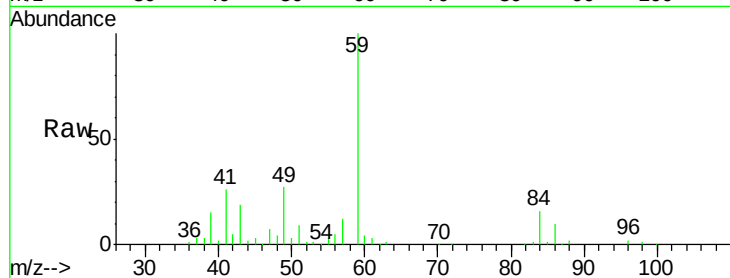
tert-Butyl alcohol
 Concen: 8.77 ppbv
 RT: 5.12 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleID :
 VSTDCCC010

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	903956		
57	11.4		9.4	14.2

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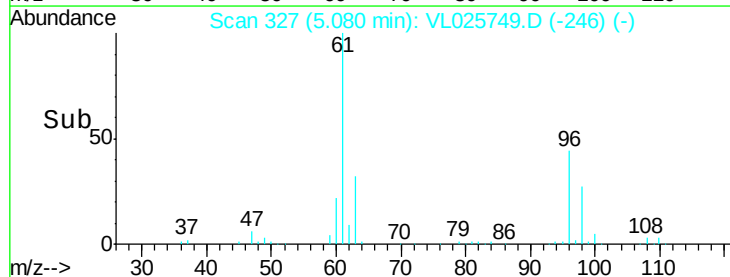
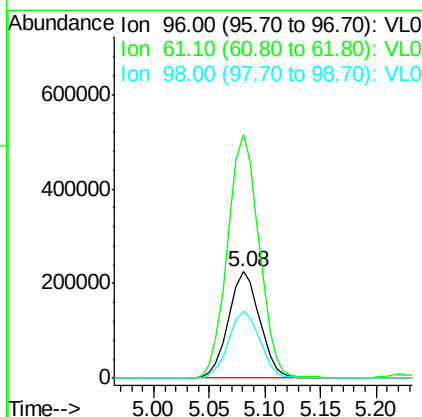
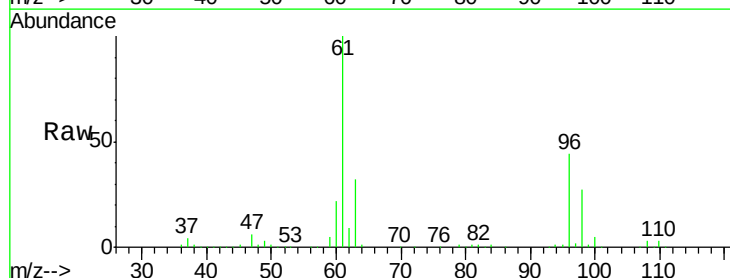
sam
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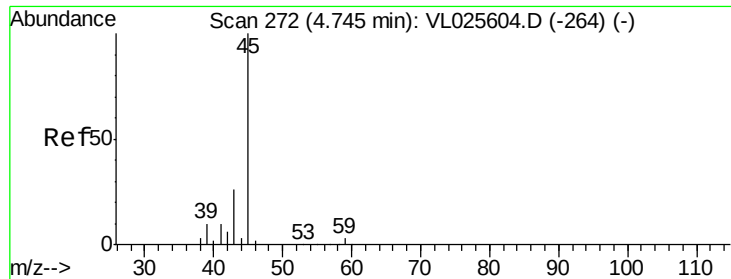


#18

1,1-Dichloroethene
 Concen: 8.59 ppbv
 RT: 5.08 min Scan# 327
 Delta R.T. -0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	440331		
61	229.1		184.1	276.1
98	62.7		50.0	75.0





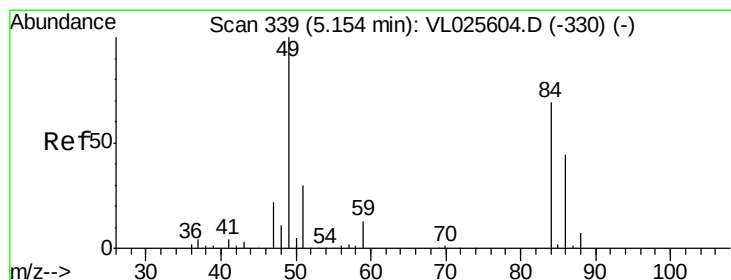
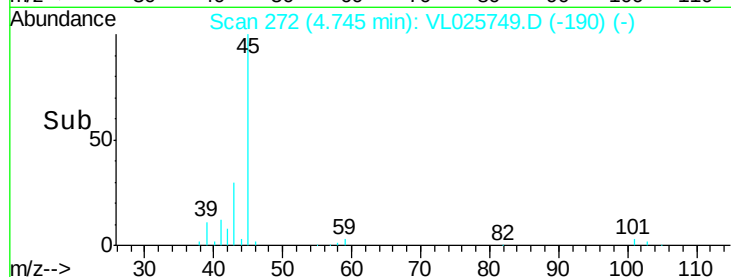
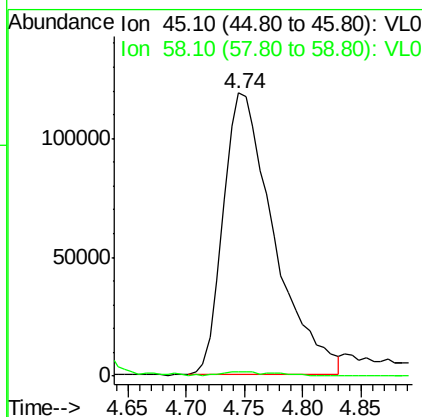
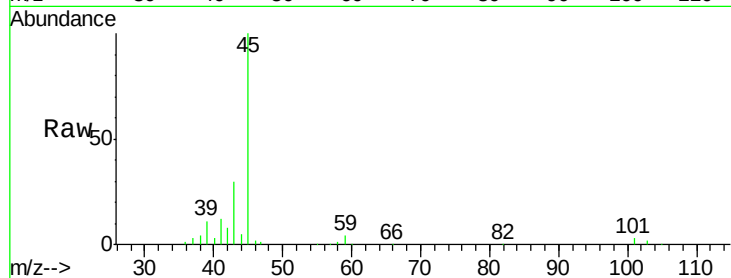
#19
Isopropyl Alcohol
Concen: 7.31 ppbv
RT: 4.74 min Scan# 272
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 358044
Ion Ratio Lower Upper
45 100
58 2.1 1.1 1.7#

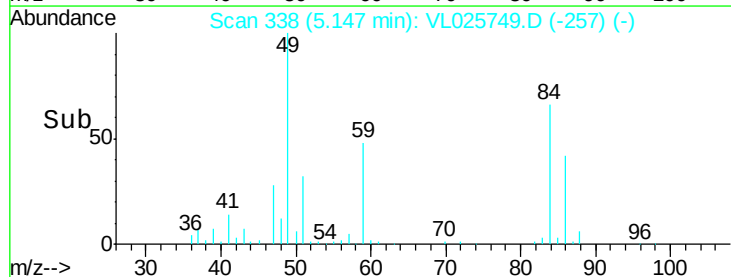
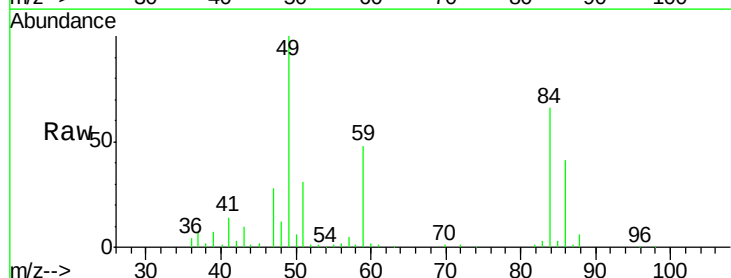
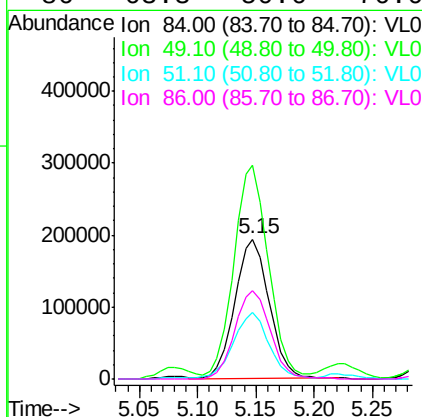
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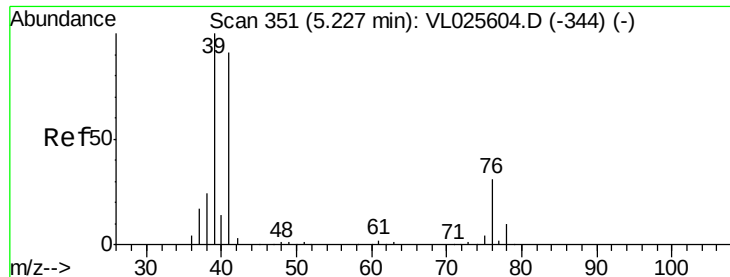
sam
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#20
Methylene Chloride
Concen: 8.04 ppbv
RT: 5.15 min Scan# 338
Delta R.T. -0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 84 Resp: 401006
Ion Ratio Lower Upper
84 100
49 147.5 115.2 172.8
51 47.1 35.0 52.6
86 63.3 50.6 76.0





#21

Allyl Chloride

Concen: 8.73 ppbv

RT: 5.22 min Scan# 350

Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

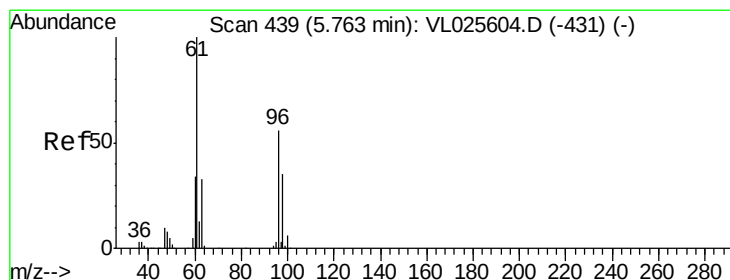
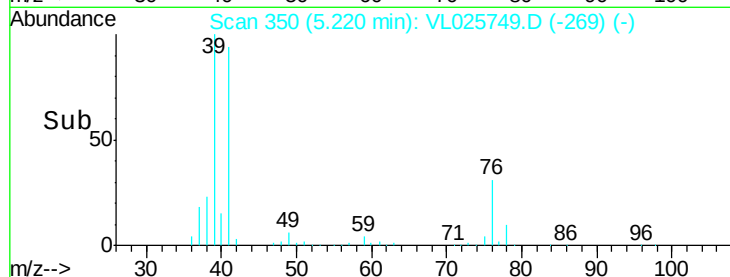
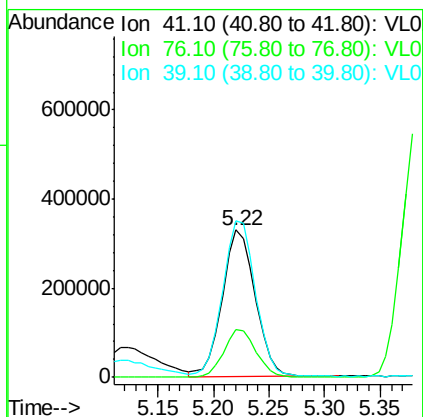
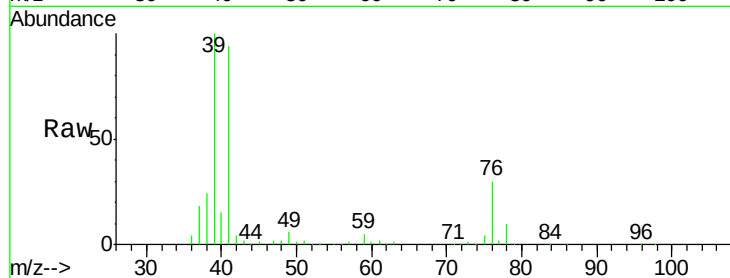
ClientSampleId :

VSTDCCC010

Tgt Ion:	41	Resp:	670885
Ion	Ratio	Lower	Upper
41	100		
76	31.9	26.6	40.0
39	107.8	88.2	132.4

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#22

trans-1,2-Dichloroethene

Concen: 8.92 ppbv

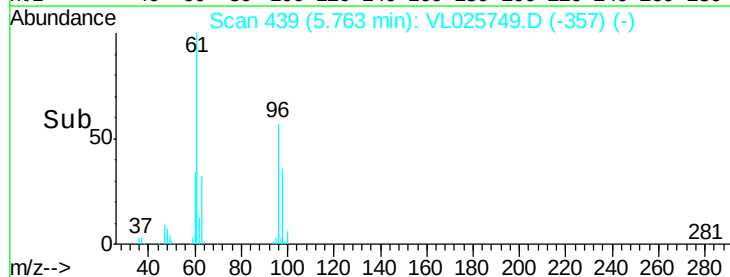
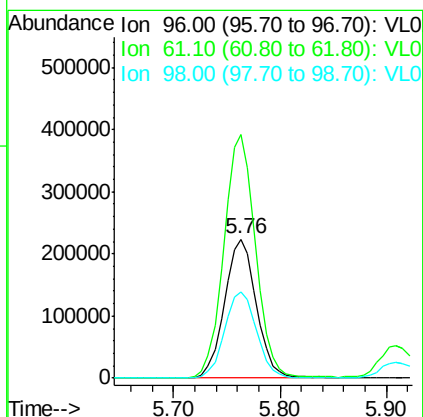
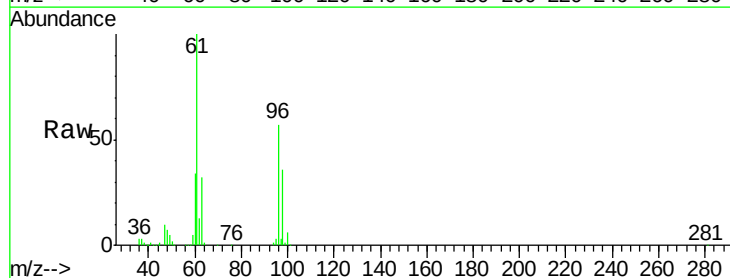
RT: 5.76 min Scan# 439

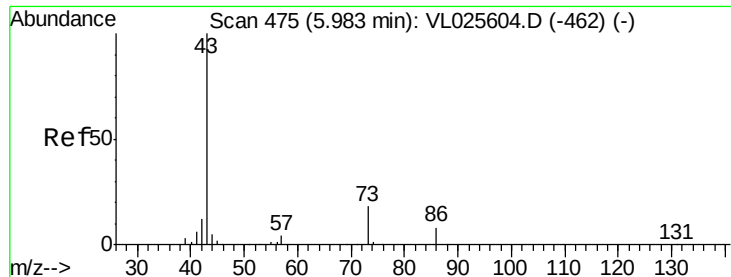
Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion:	96	Resp:	467129
Ion	Ratio	Lower	Upper
96	100		
61	175.0	141.8	212.6
98	62.3	49.0	73.6





#23

Vinyl Acetate

Concen: 9.33 ppbv

RT: 5.98 min Scan# 475

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 1735906

Ion Ratio Lower Upper

43 100

86 8.8 6.7 10.1

42 12.4 9.8 14.6

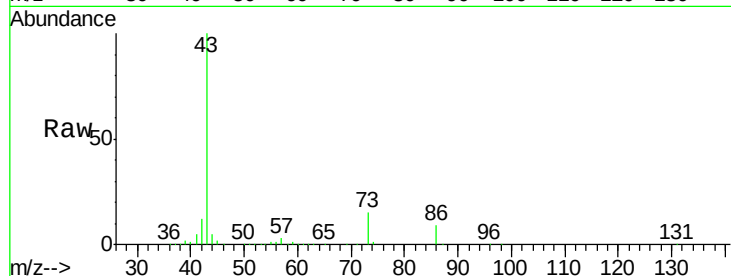
44 4.6 4.1 6.1

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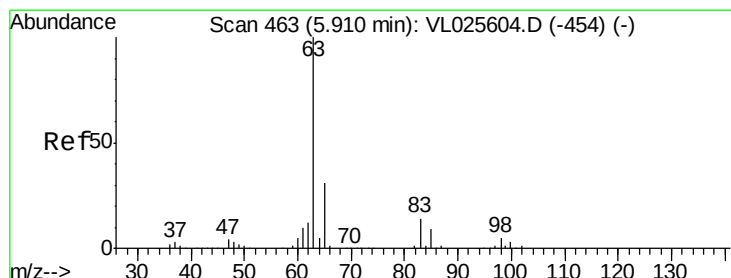
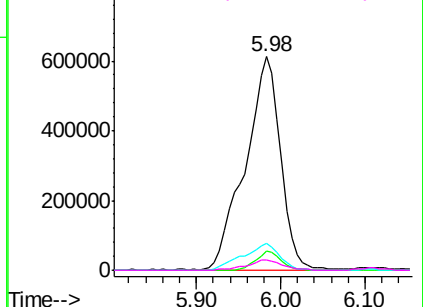
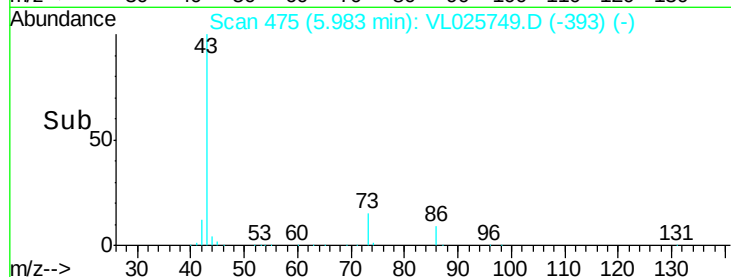


Abundance Ion 43.10 (42.80 to 43.80): VL0

Ion 86.10 (85.80 to 86.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

Ion 44.10 (43.80 to 44.80): VL0



#24

1,1-Dichloroethane

Concen: 8.60 ppbv

RT: 5.91 min Scan# 463

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

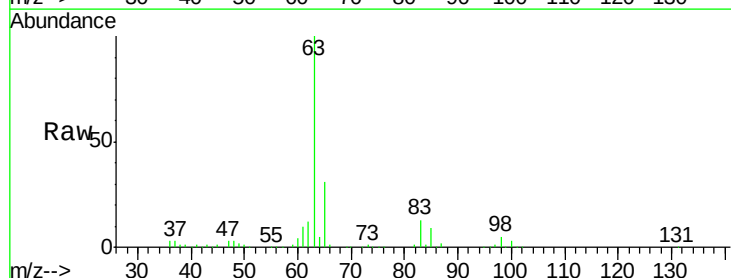
Tgt Ion: 63 Resp: 1072439

Ion Ratio Lower Upper

63 100

98 5.0 2.6 8.0

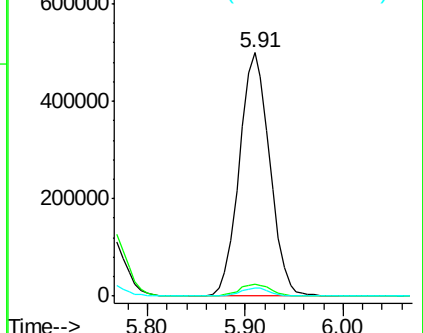
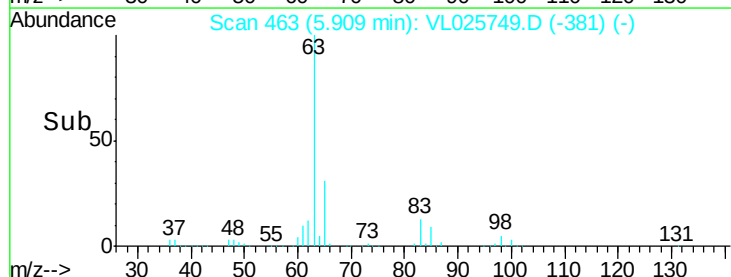
100 3.2 1.6 4.7

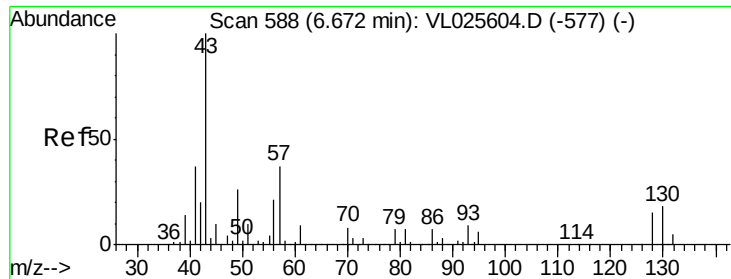


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 98.00 (97.70 to 98.70): VL0

Ion 100.00 (99.70 to 100.70): VL0





#25

Ethyl Acetate

Concen: 8.85 ppbv

RT: 6.67 min Scan# 587

Delta R.T. -0.01 min

Lab File: VL025749.D

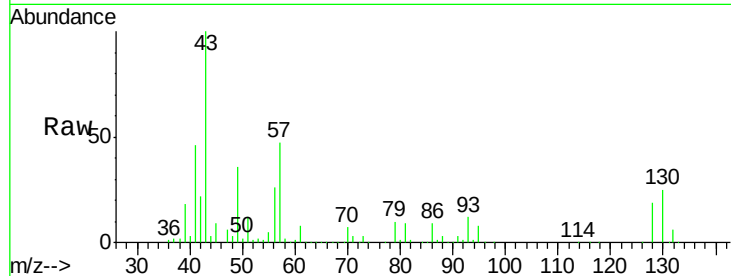
Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
43	100		
45	9.4	7.5	11.3
61	8.6	6.6	10.0
70	8.6	6.0	9.0

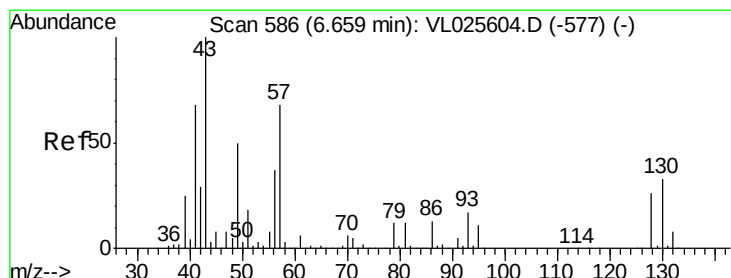
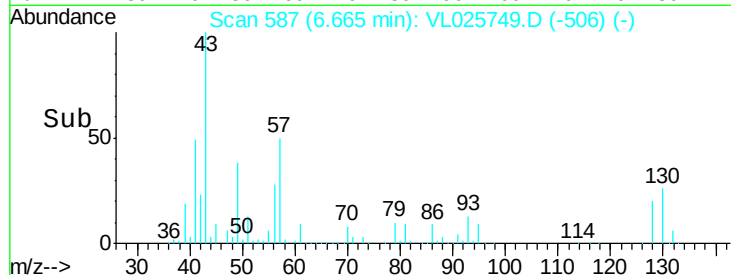
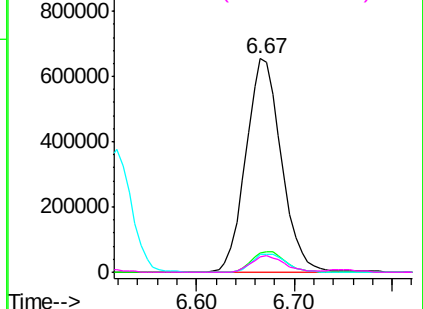
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

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Abundance Ion 43.10 (42.80 to 43.80): VL0
Ion 45.10 (44.80 to 45.80): VL0
Ion 61.10 (60.80 to 61.80): VL0
Ion 70.10 (69.80 to 70.80): VL0



#26

Hexane

Concen: 8.80 ppbv

RT: 6.66 min Scan# 586

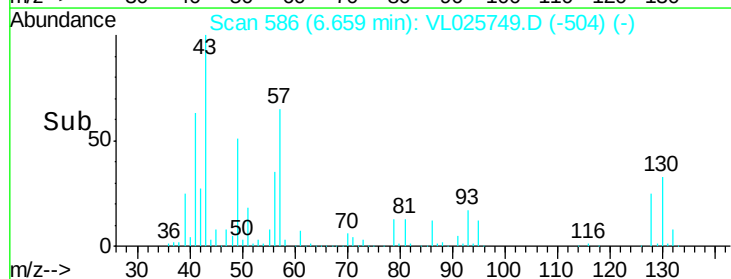
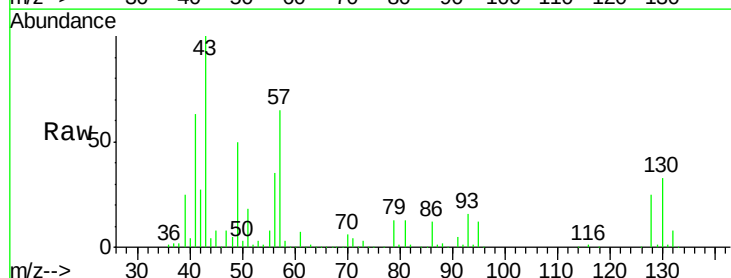
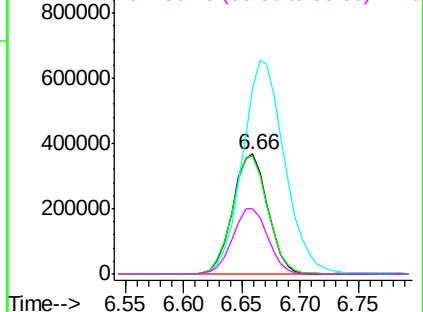
Delta R.T. -0.00 min

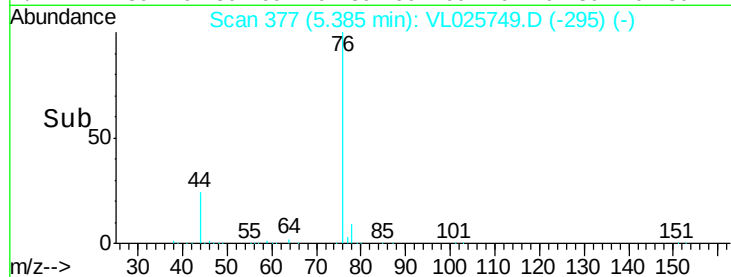
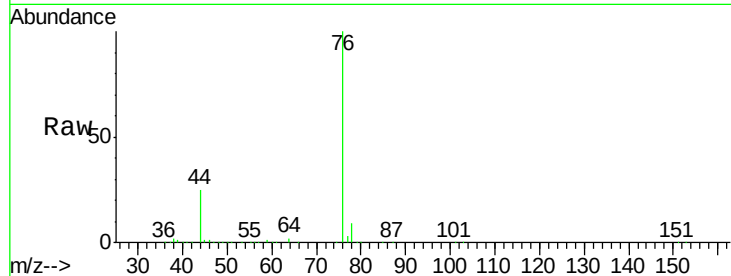
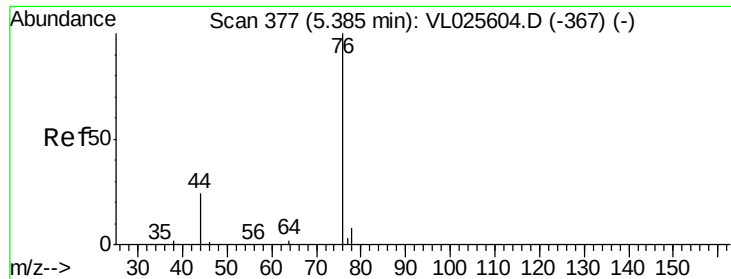
Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
57	100		
41	101.3	81.4	122.2
43	216.2	171.4	257.2
56	55.1	44.5	66.7

Abundance Ion 57.10 (56.80 to 57.80): VL0
Ion 41.10 (40.80 to 41.80): VL0
Ion 43.10 (42.80 to 43.80): VL0
Ion 56.10 (55.80 to 56.80): VL0





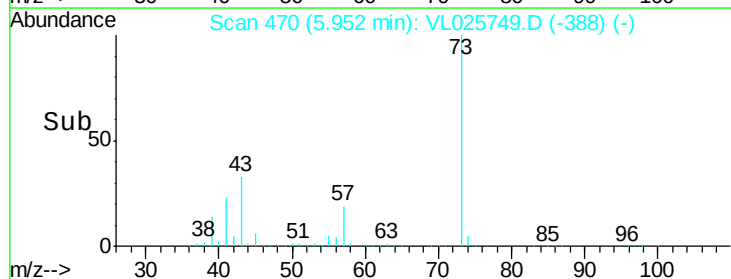
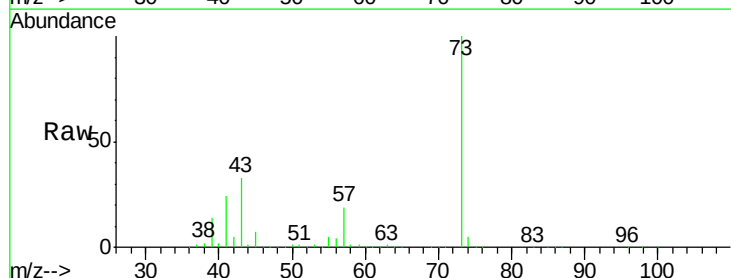
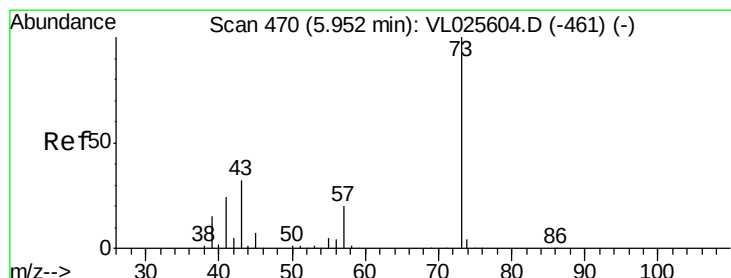
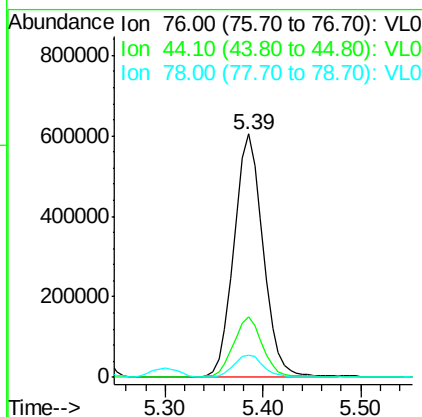
#27
Carbon Disulfide
Concen: 8.87 ppbv
RT: 5.39 min Scan# 377
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 76 Resp: 1256195
Ion Ratio Lower Upper
76 100
44 25.0 20.2 30.4
78 9.4 7.4 11.2

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

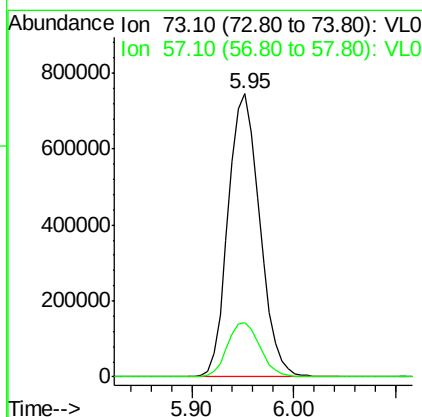
Manual Integrations
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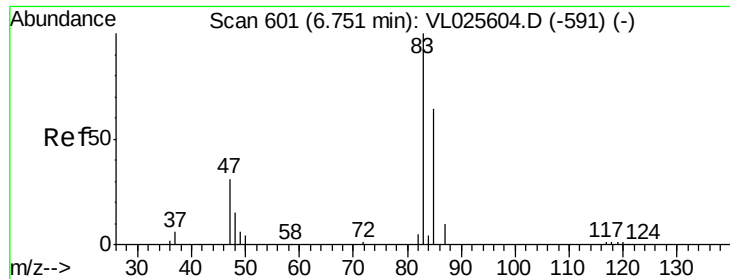
sam
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#28
Methyl tert-Butyl Ether
Concen: 9.23 ppbv
RT: 5.95 min Scan# 470
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 73 Resp: 1605122
Ion Ratio Lower Upper
73 100
57 19.9 16.0 24.0





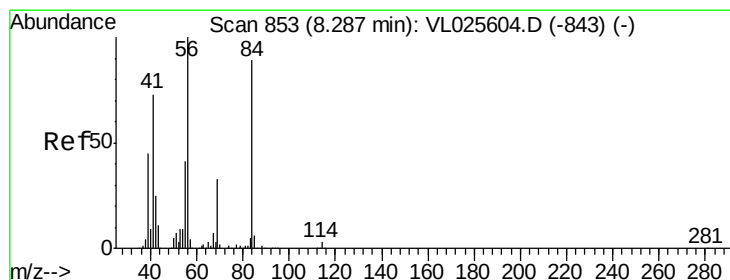
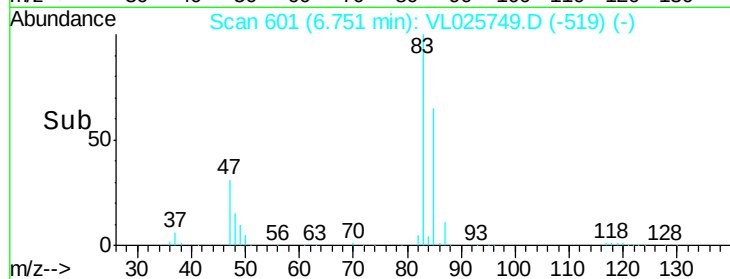
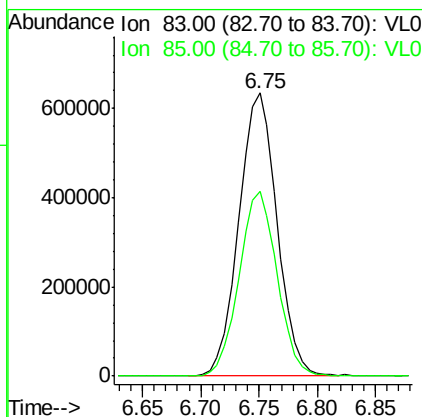
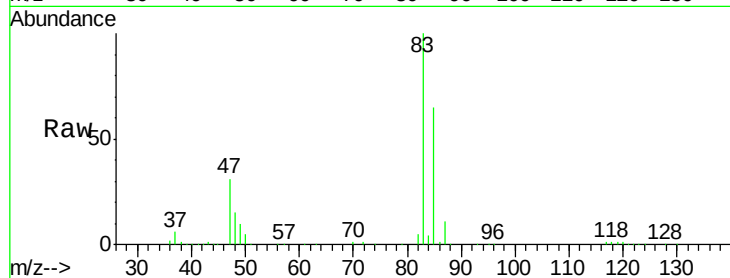
#29
Chloroform
Concen: 8.39 ppbv
RT: 6.75 min Scan# 601
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1450395
Ion Ratio Lower Upper
83 100
85 65.2 51.6 77.4

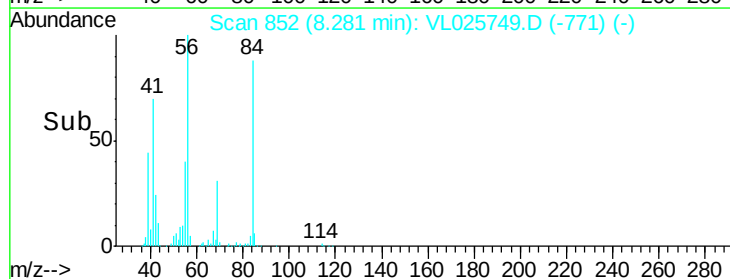
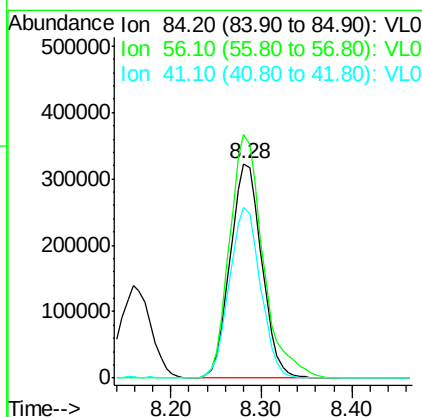
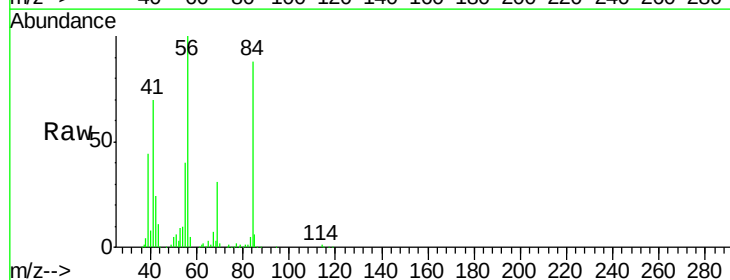
Manual Integrations
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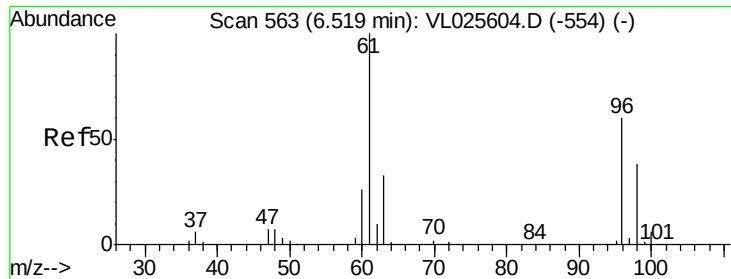
sam
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#30
Cyclohexane
Concen: 9.35 ppbv
RT: 8.28 min Scan# 852
Delta R.T. -0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 84 Resp: 781773
Ion Ratio Lower Upper
84 100
56 120.1 97.5 146.3
41 78.9 65.4 98.2





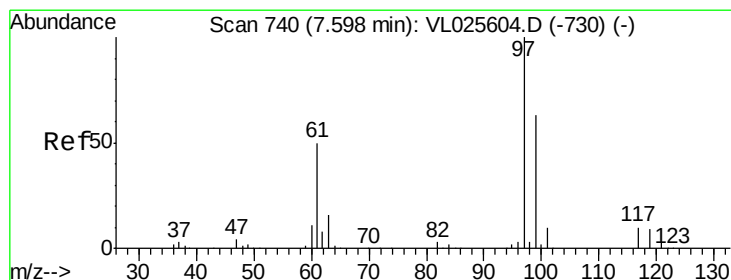
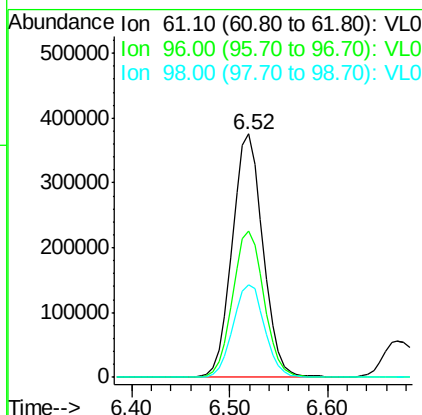
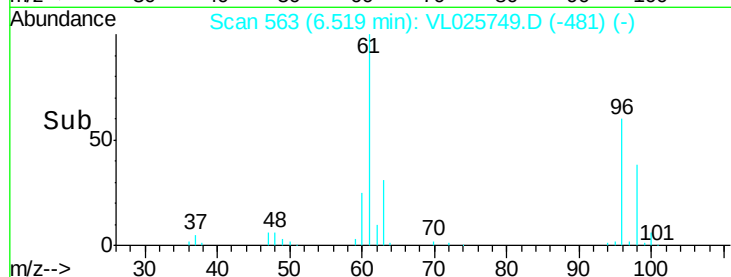
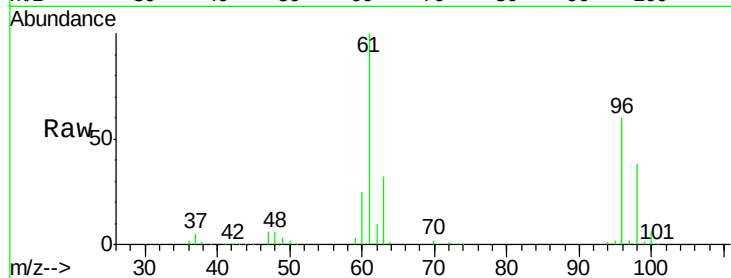
#31
 cis-1,2-Dichloroethene
 Concen: 9.45 ppbv
 RT: 6.52 min Scan# 563
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
61	100		
96	60.1	48.1	72.1
98	38.1	30.7	46.1

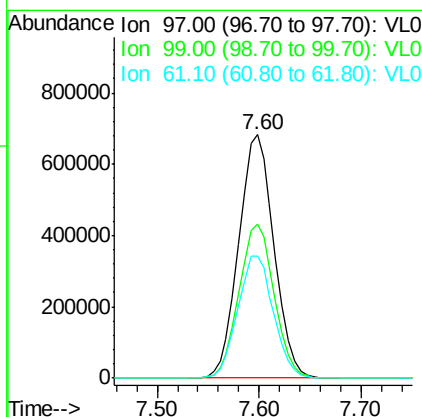
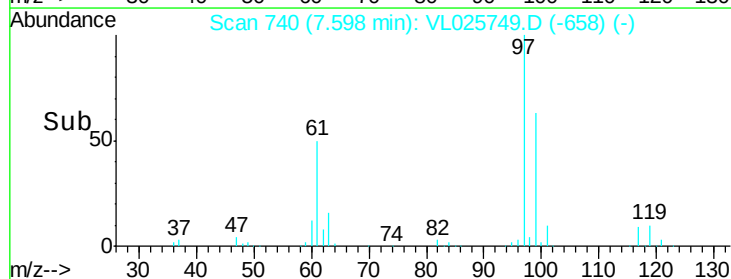
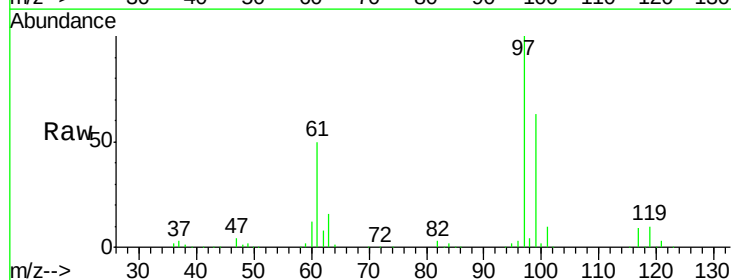
Manual Integrations
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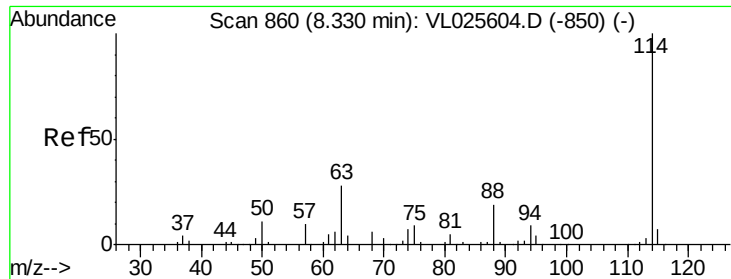
sam
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#32
 1,1,1-Trichloroethane
 Concen: 8.72 ppbv
 RT: 7.60 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.2	76.8
61	51.1	40.4	60.6





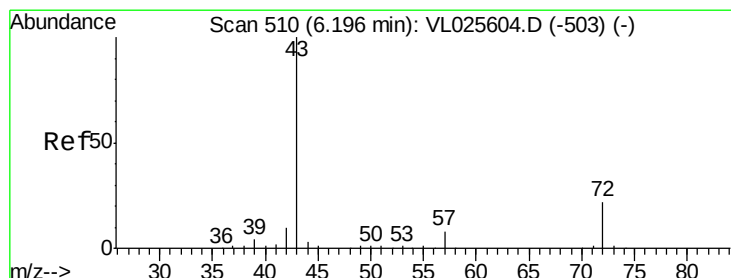
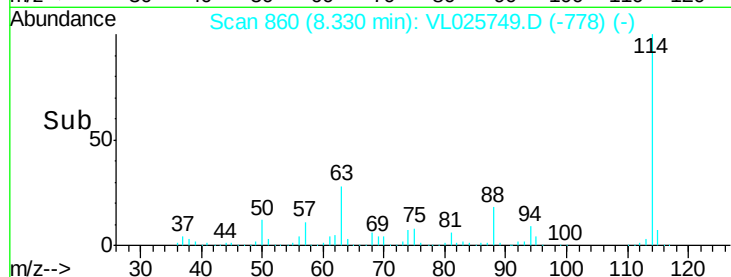
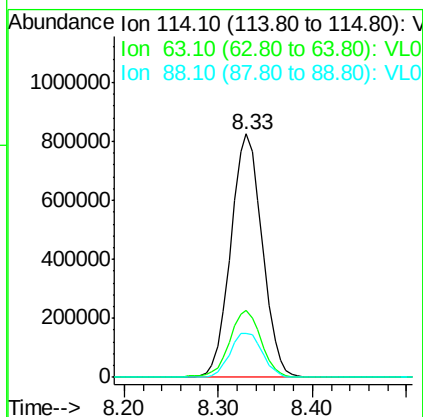
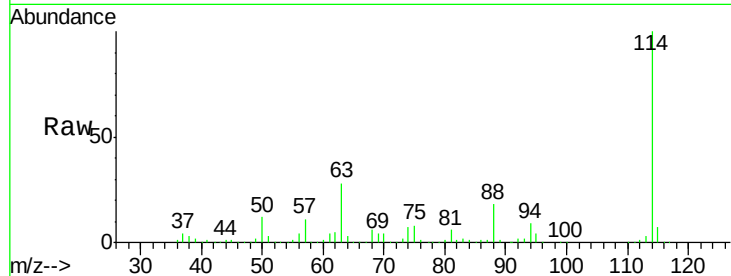
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 8.33 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 114 Resp: 1911584
 Ion Ratio Lower Upper
 114 100
 63 28.0 22.4 33.6
 88 18.7 15.0 22.4

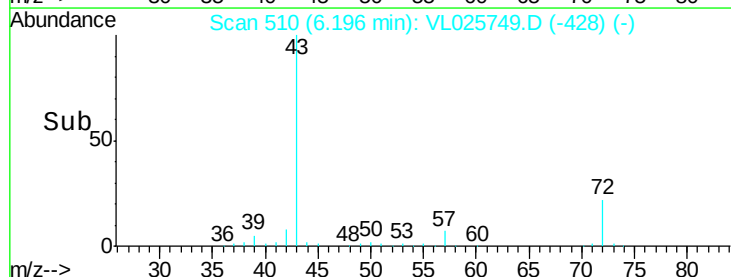
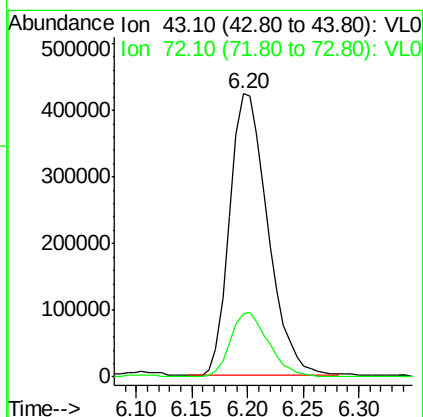
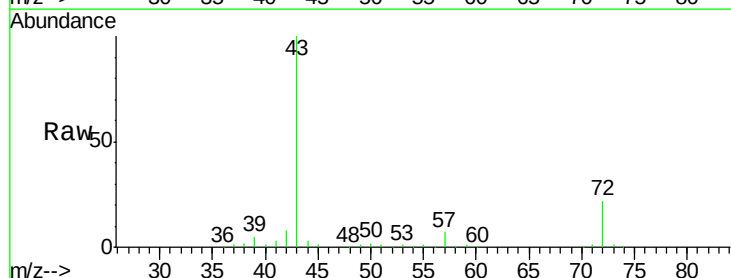
Manual Integrations
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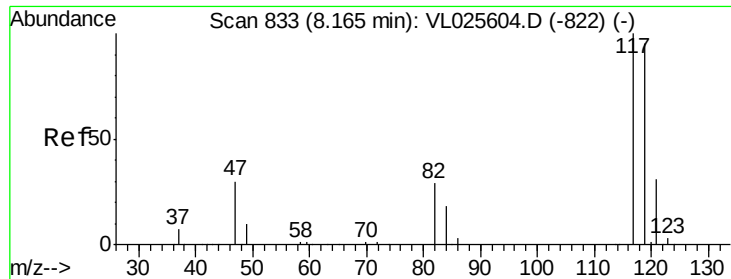
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#34
 2-Butanone
 Concen: 9.31 ppbv
 RT: 6.20 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 43 Resp: 1009436
 Ion Ratio Lower Upper
 43 100
 72 22.9 18.6 28.0





#35

Carbon Tetrachloride

Concen: 8.56 ppbv

RT: 8.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 117 Resp: 1744350

Ion Ratio Lower Upper

117 100

119 95.7 75.9 113.9

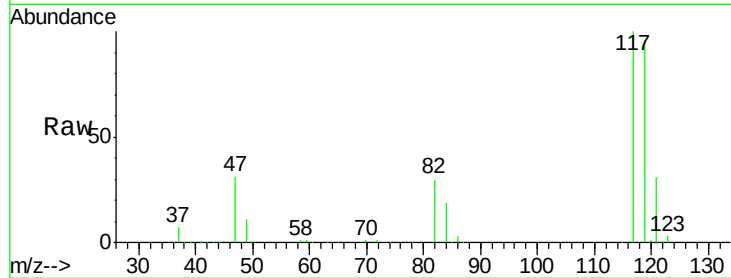
121 30.7 24.4 36.6

Manual Integrations

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sam

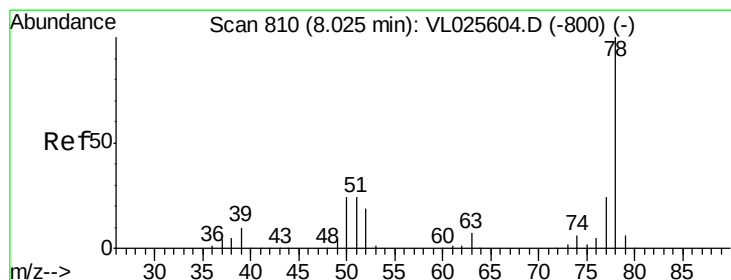
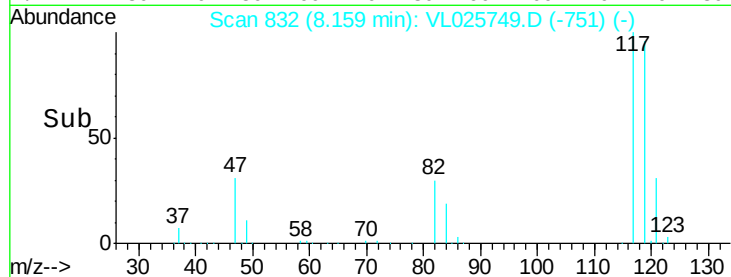
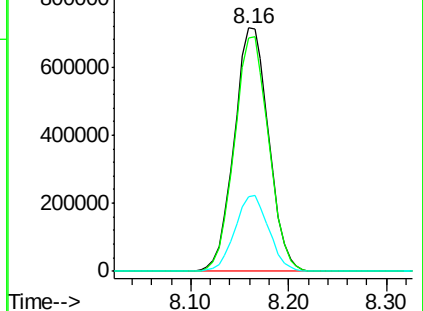
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Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#36

Benzene

Concen: 9.29 ppbv

RT: 8.02 min Scan# 810

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

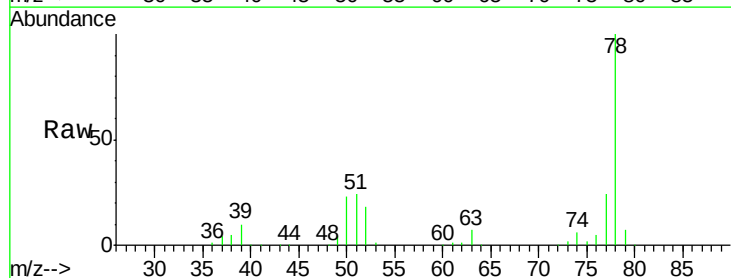
Tgt Ion: 78 Resp: 1699635

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.4

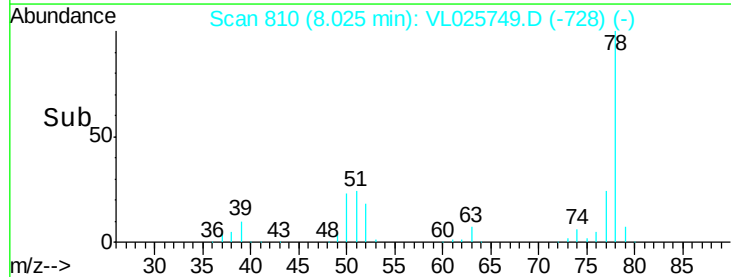
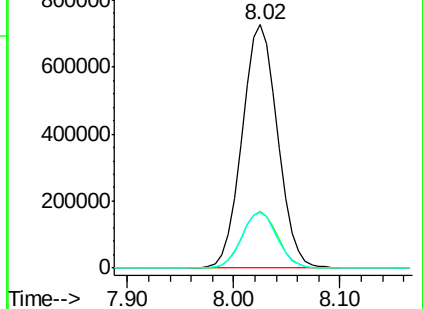
50 22.9 19.2 28.8

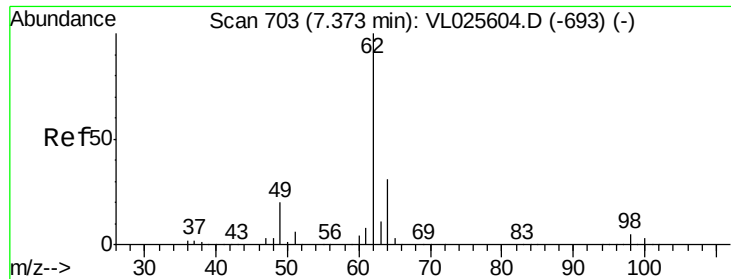


Abundance Ion 78.10 (77.80 to 78.80): VL0

Ion 77.10 (76.80 to 77.80): VL0

Ion 50.10 (49.80 to 50.80): VL0





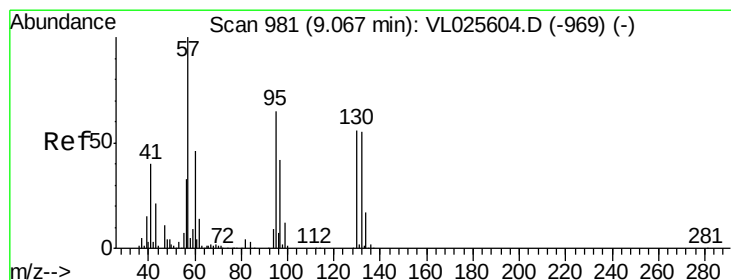
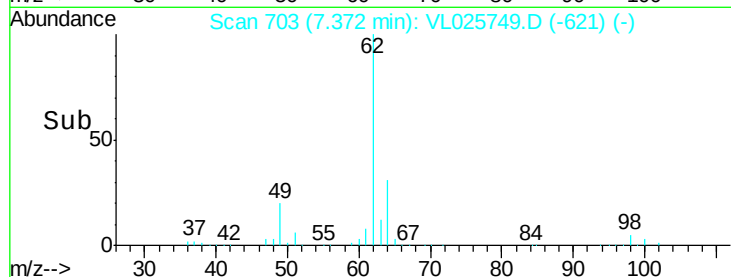
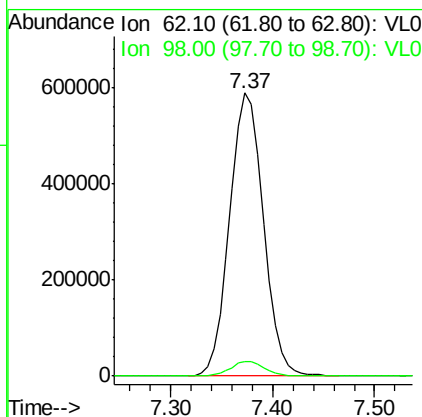
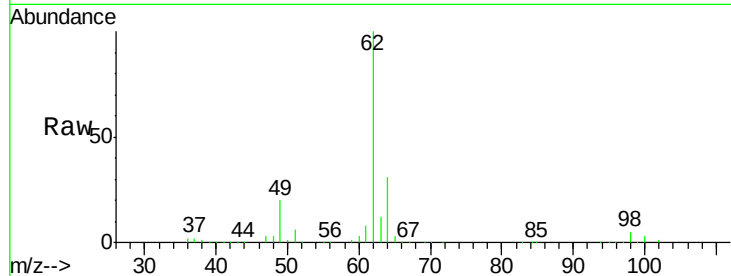
#37
 1,2-Dichloroethane
 Concen: 8.68 ppbv
 RT: 7.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 1356674
 Ion Ratio Lower Upper
 62 100
 98 5.3 4.1 6.1

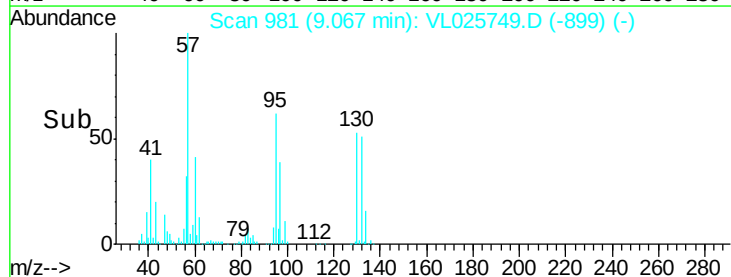
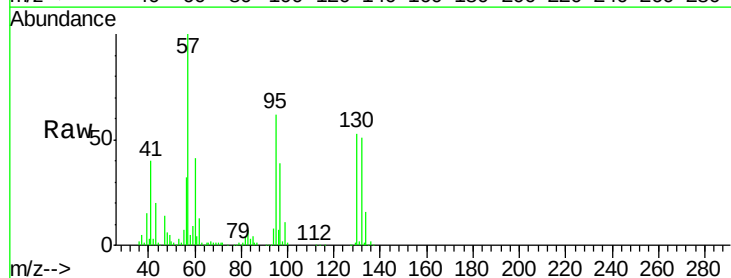
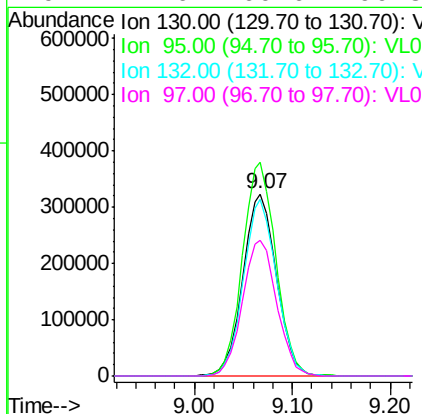
Manual Integrations
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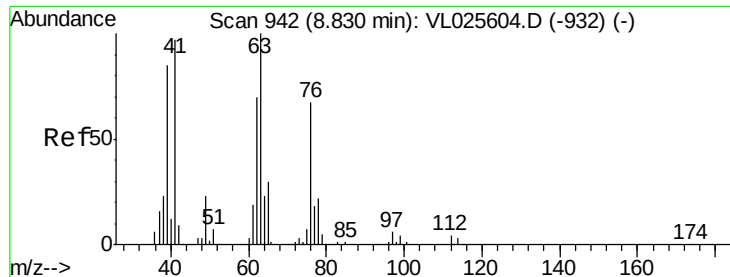
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#38
 Trichloroethene
 Concen: 9.06 ppbv
 RT: 9.07 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 130 Resp: 771311
 Ion Ratio Lower Upper
 130 100
 95 117.1 94.2 141.4
 132 96.5 78.6 118.0
 97 74.6 60.6 90.8





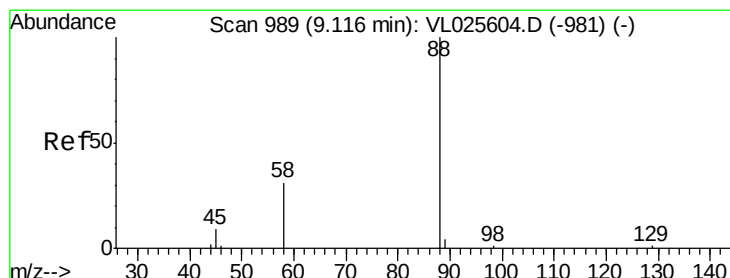
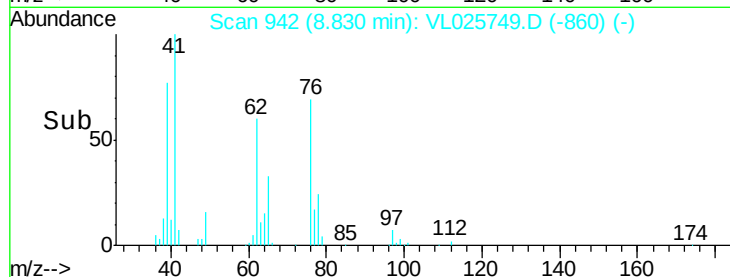
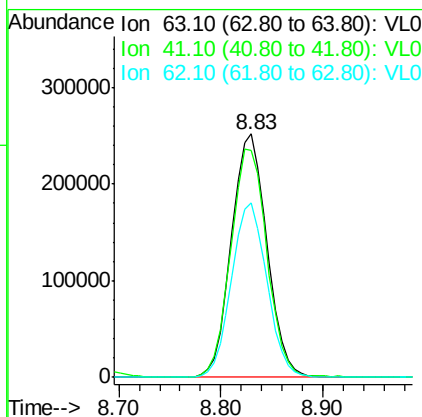
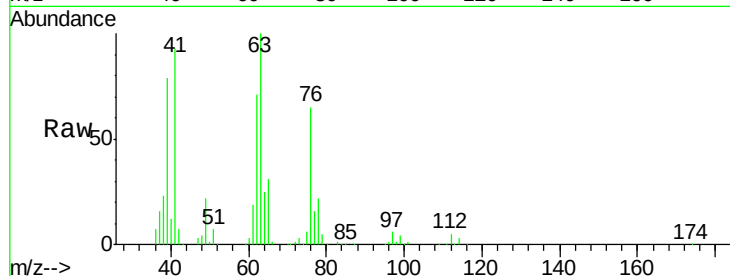
#39
 1,2-Dichloropropane
 Concen: 9.03 ppbv
 RT: 8.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
63	100		
41	93.0	78.0	117.0
62	71.5	55.7	83.5

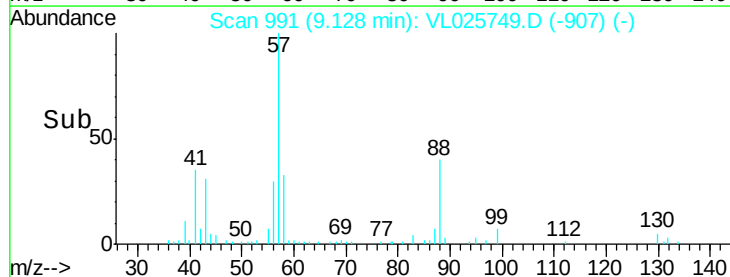
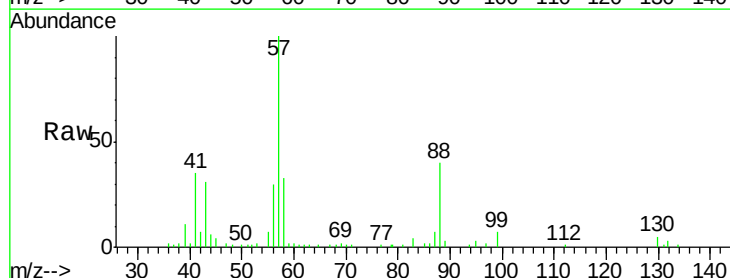
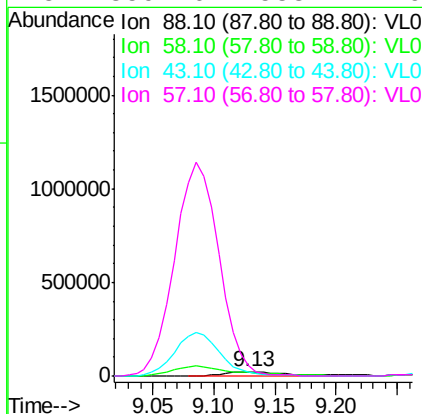
Manual Integrations
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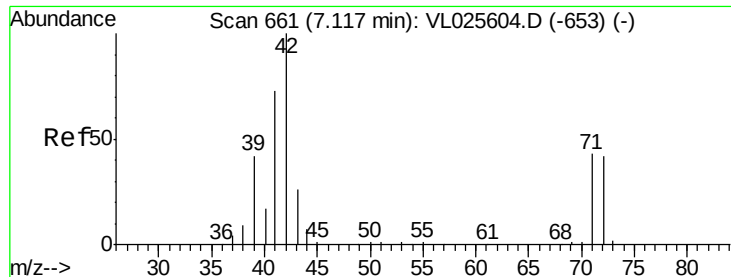
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#40
 1,4-Dioxane
 Concen: 7.60 ppbv
 RT: 9.13 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	239.3	127.1	190.7#
43	758.0	337.7	506.5#
57	3592.6	1533.2	2299.8#





#41

Tetrahydrofuran

Concen: 9.90 ppbv

RT: 7.12 min Scan# 661

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

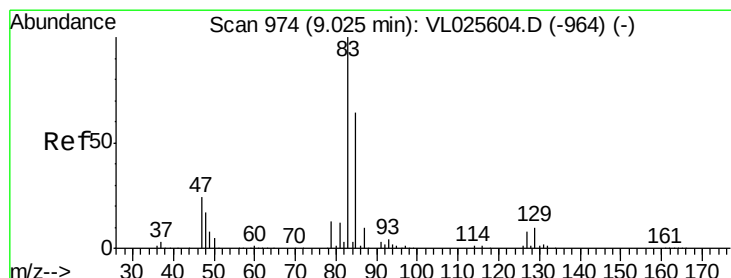
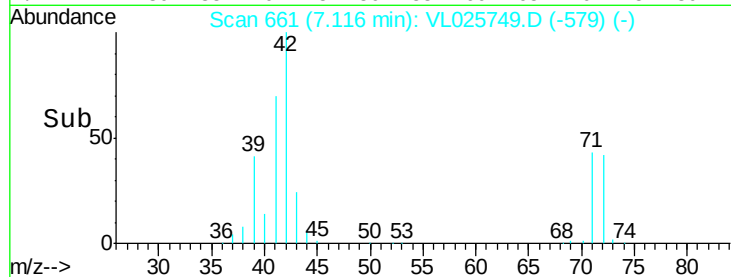
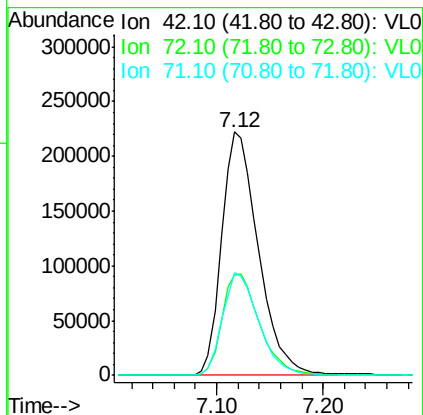
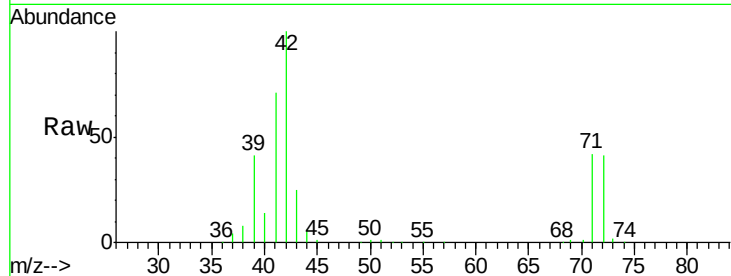
ClientSampleId :

VSTDCCC010

Tgt Ion:	42	Resp:	536177
Ion Ratio		Lower	Upper
42	100		
72	42.6	34.0	51.0
71	41.8	33.0	49.6

Manual Integrations
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#42

Bromodichloromethane

Concen: 9.02 ppbv

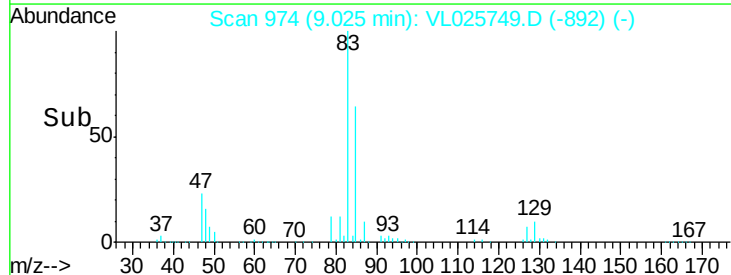
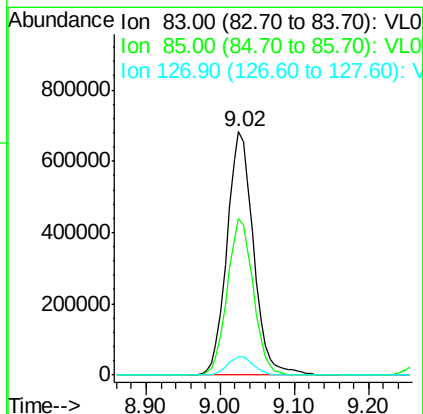
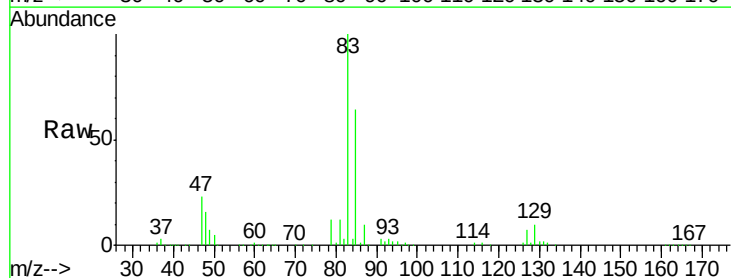
RT: 9.02 min Scan# 974

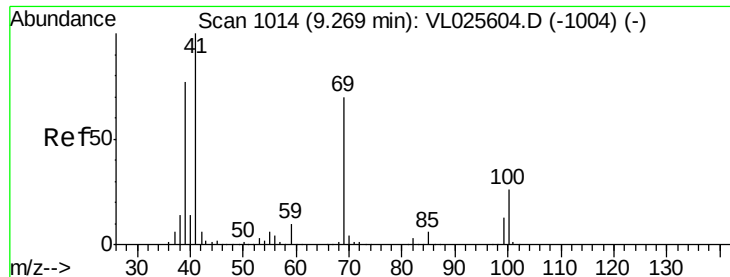
Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion:	83	Resp:	1700484
Ion Ratio		Lower	Upper
83	100		
85	64.4	51.3	76.9
127	7.5	6.0	9.0





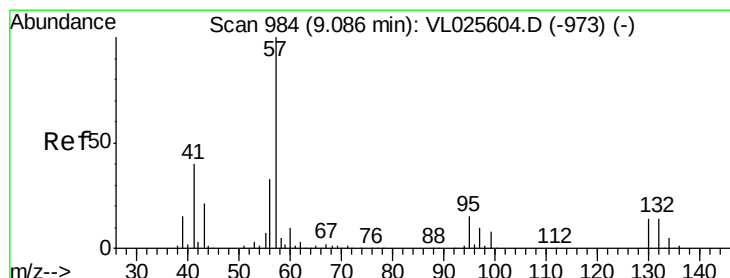
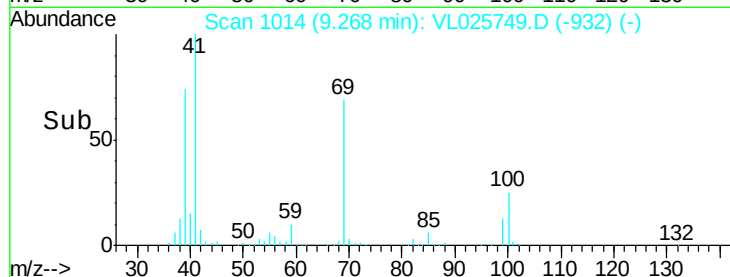
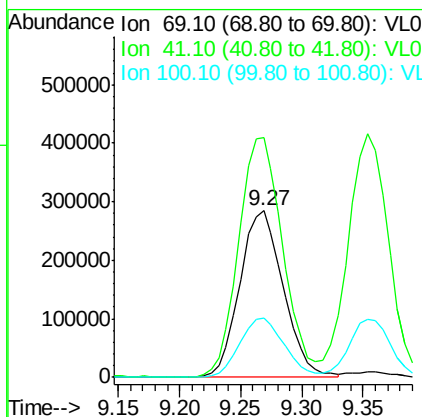
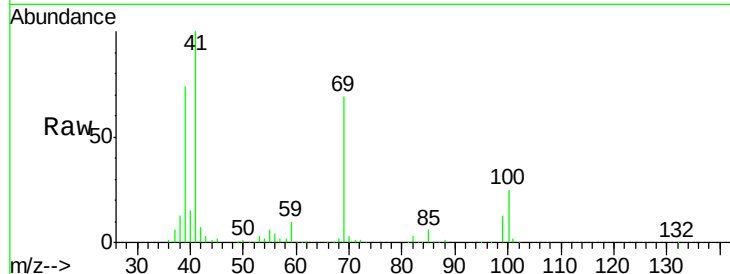
#43
Methyl Methacrylate
Concen: 10.04 ppbv
RT: 9.27 min Scan# 1014
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
69	100		
41	146.5	117.3	175.9
100	36.2	29.0	43.6

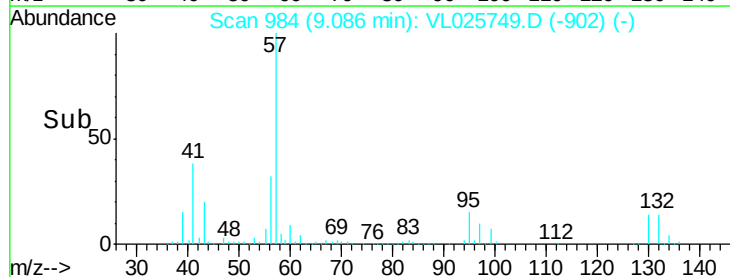
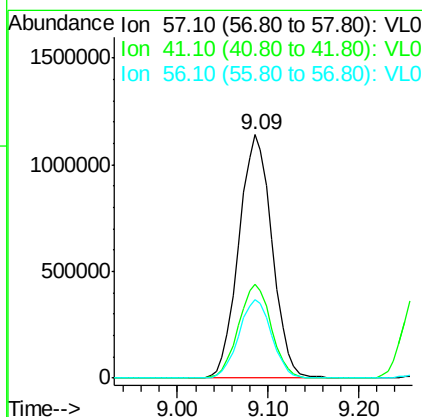
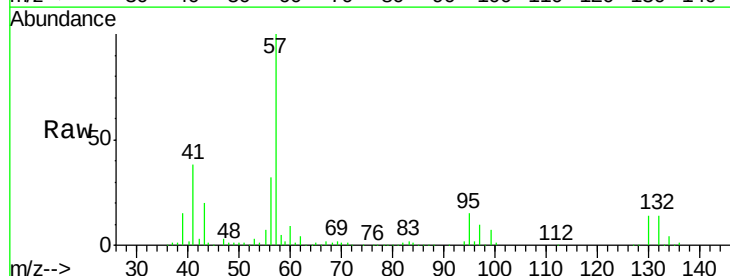
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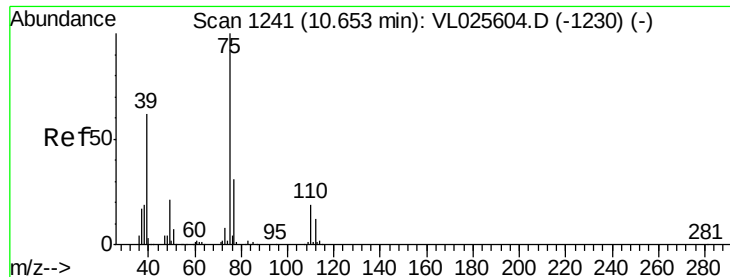
sam
7/28/2015 11:59:14 AM



#44
2,2,4-Trimethylpentane
Concen: 9.21 ppbv
RT: 9.09 min Scan# 984
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
57	100		
41	38.1	31.2	46.8
56	32.1	25.4	38.2





#45

t-1,3-Dichloropropene

Concen: 10.42 ppbv

RT: 10.65 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 1230808

Ion Ratio Lower Upper

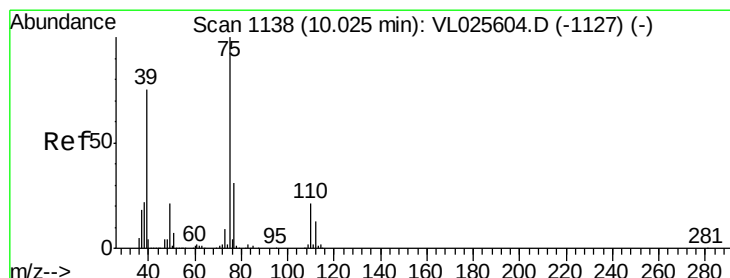
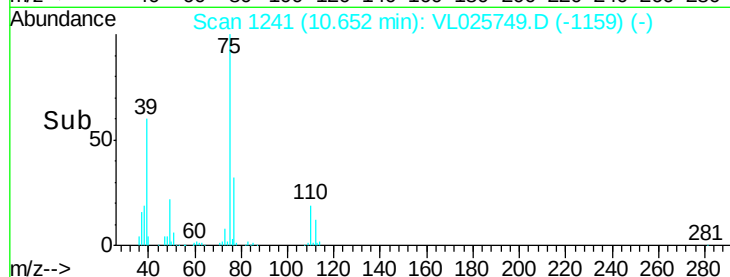
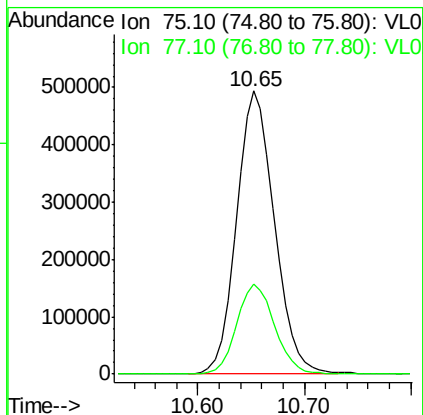
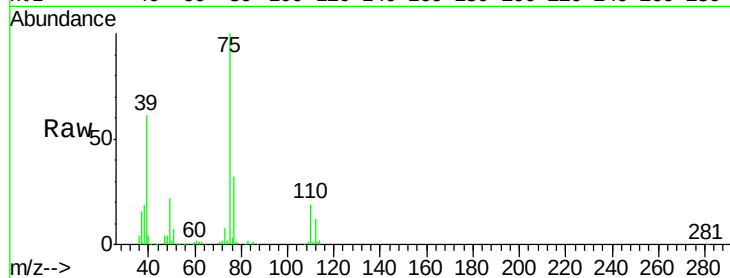
75 100

77 31.7 24.6 37.0

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#46

cis-1,3-Dichloropropene

Concen: 10.33 ppbv

RT: 10.02 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

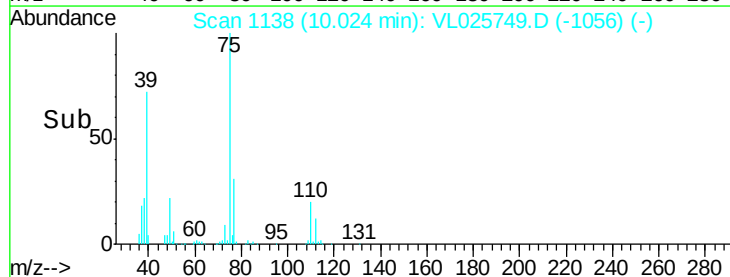
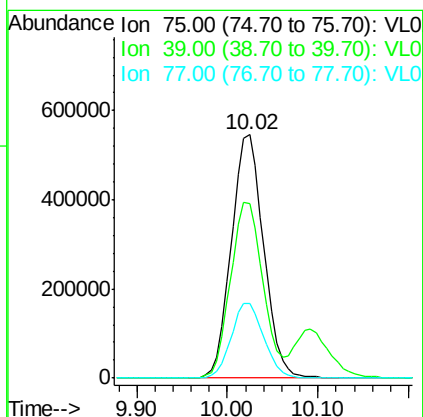
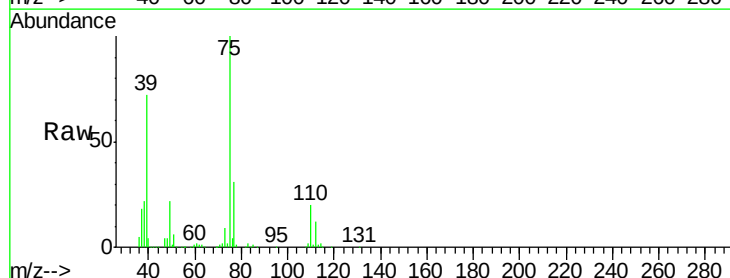
Tgt Ion: 75 Resp: 1349494

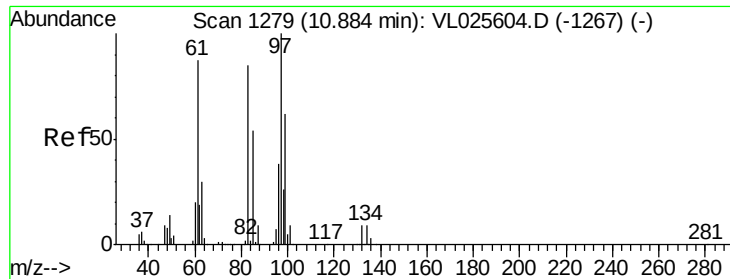
Ion Ratio Lower Upper

75 100

39 71.8 60.4 90.6

77 30.6 24.6 37.0





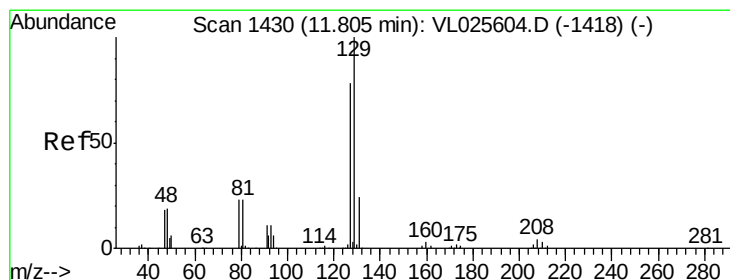
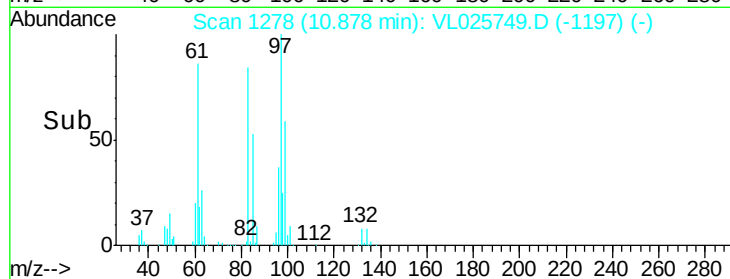
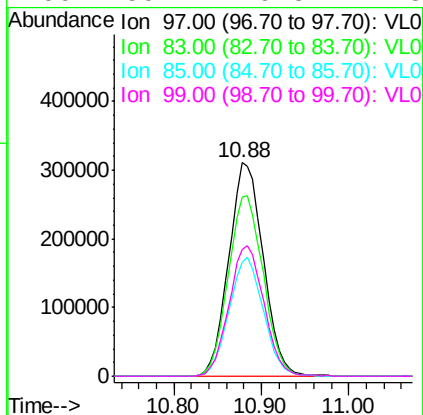
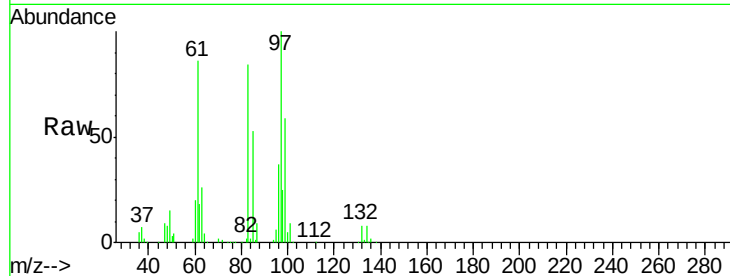
#47
 1,1,2-Trichloroethane
 Concen: 9.09 ppbv
 RT: 10.88 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.8	101.8
85	53.4	43.5	65.3
99	59.2	49.8	74.8

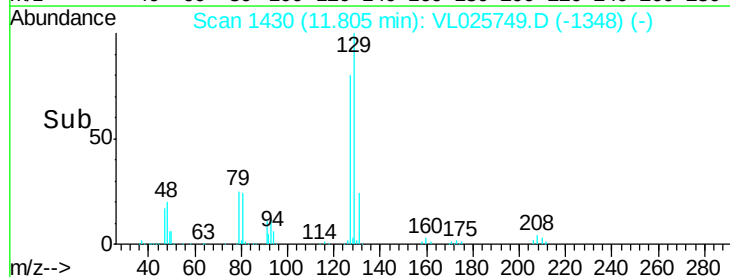
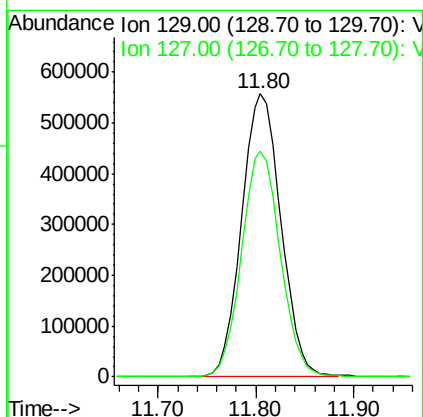
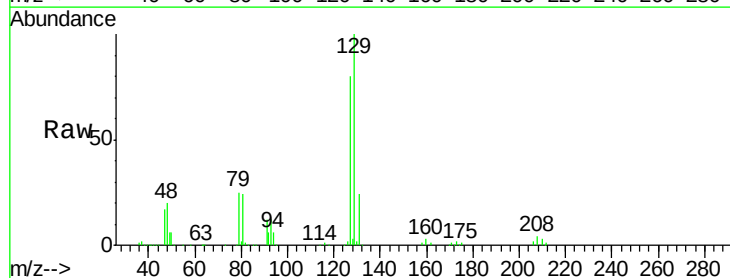
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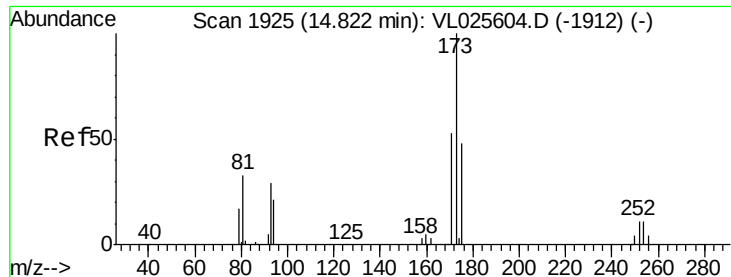
sam
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#48
 Dibromochloromethane
 Concen: 9.24 ppbv
 RT: 11.80 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.0	116.9





#49

Bromoform

Concen: 9.13 ppbv

RT: 14.82 min Scan# 1925

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 173 Resp: 1267028

Ion Ratio Lower Upper

173 100

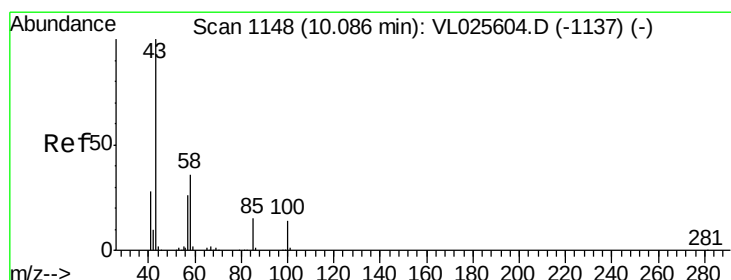
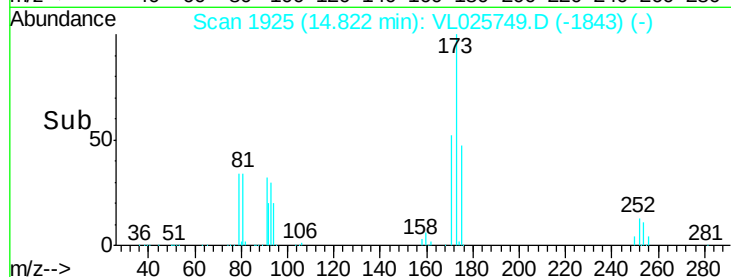
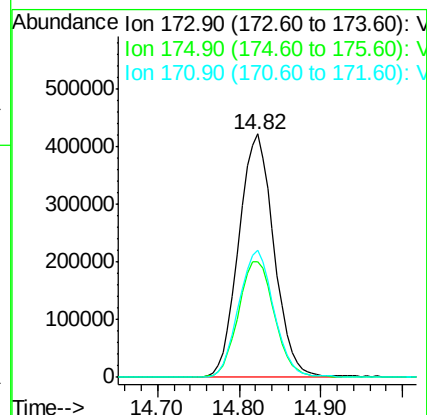
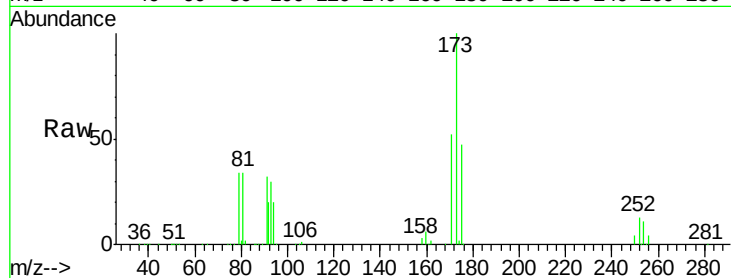
175 49.3 39.5 59.3

171 52.5 42.2 63.2

Manual Integrations
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#50

4-Methyl-2-Pentanone

Concen: 9.76 ppbv

RT: 10.09 min Scan# 1149

Delta R.T. 0.01 min

Lab File: VL025749.D

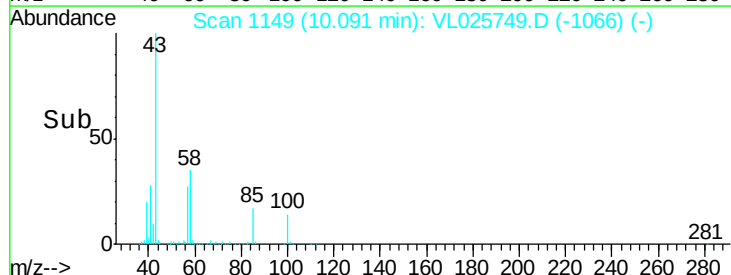
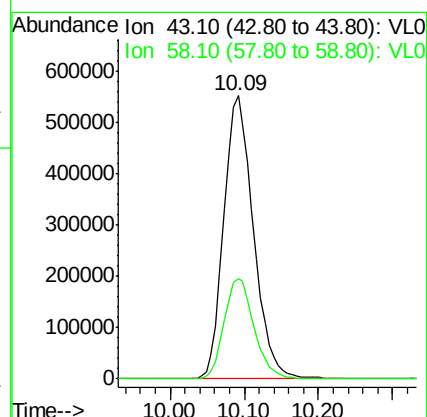
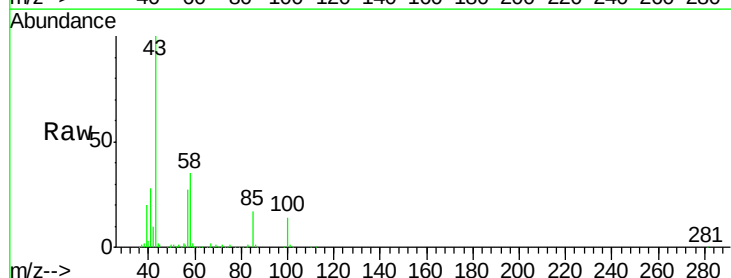
Acq: 27 Jul 2015 11:11

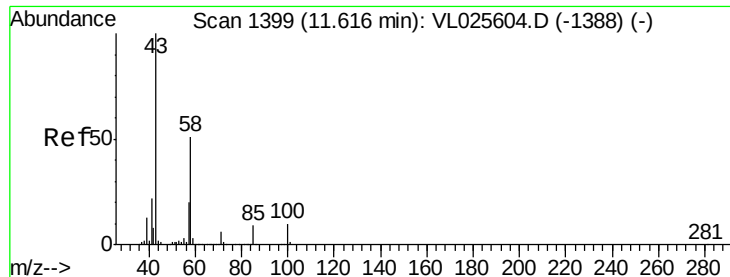
Tgt Ion: 43 Resp: 1524719

Ion Ratio Lower Upper

43 100

58 36.1 28.5 42.7





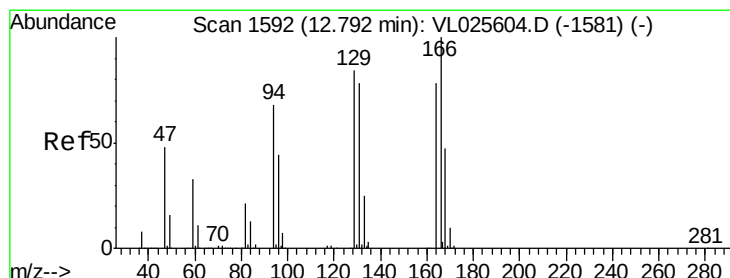
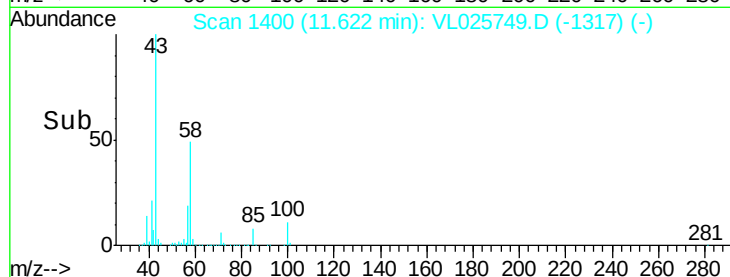
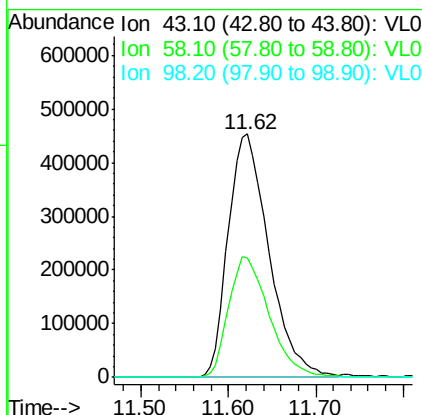
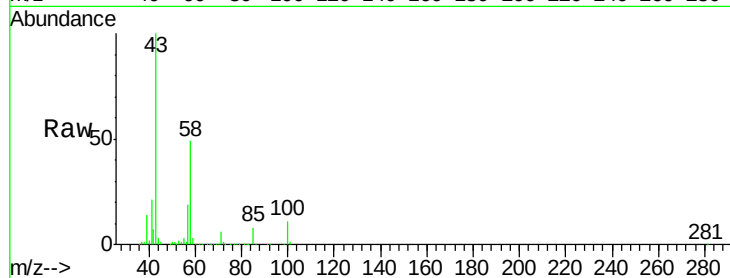
#51
 2-Hexanone
 Concen: 10.49 ppbv
 RT: 11.62 min Scan# 1400
 Delta R.T. 0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 43 Resp: 1470342
 Ion Ratio Lower Upper
 43 100
 58 49.6 39.0 58.6
 98 0.3 0.2 0.4

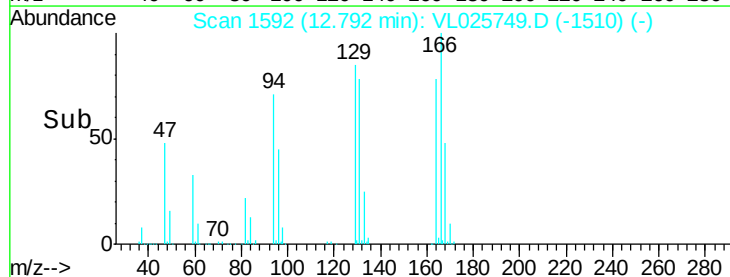
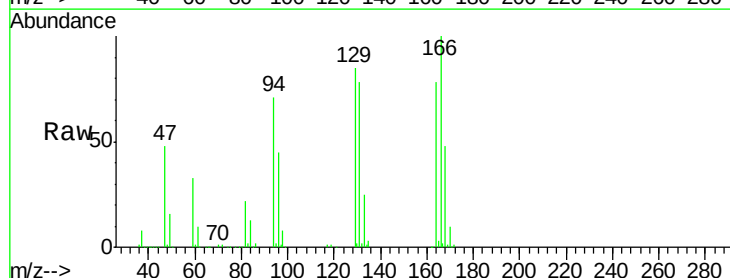
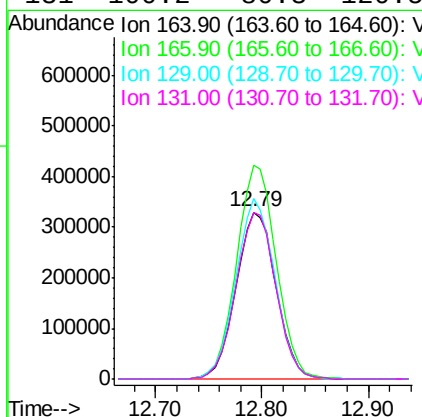
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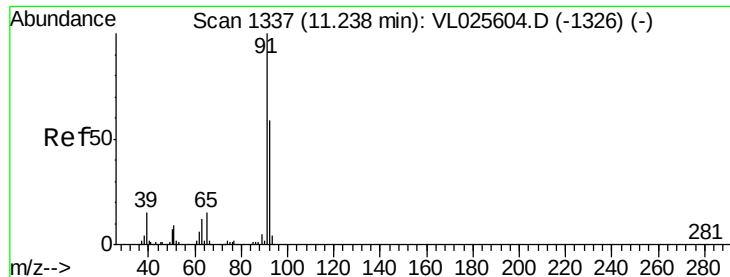
sam
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#52
 Tetrachloroethene
 Concen: 9.46 ppbv
 RT: 12.79 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 164 Resp: 869003
 Ion Ratio Lower Upper
 164 100
 166 128.1 102.3 153.5
 129 108.4 86.2 129.4
 131 100.2 80.3 120.5





#53

Toluene

Concen: 9.72 ppbv

RT: 11.24 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 2500442

Ion Ratio Lower Upper

91 100

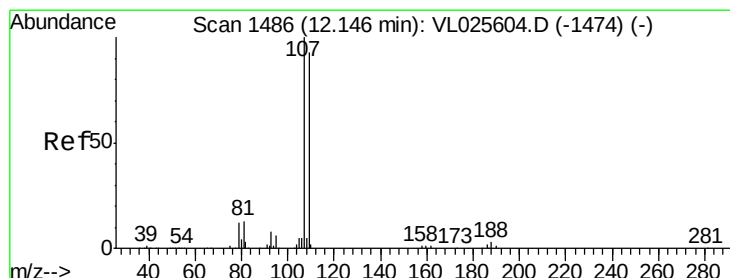
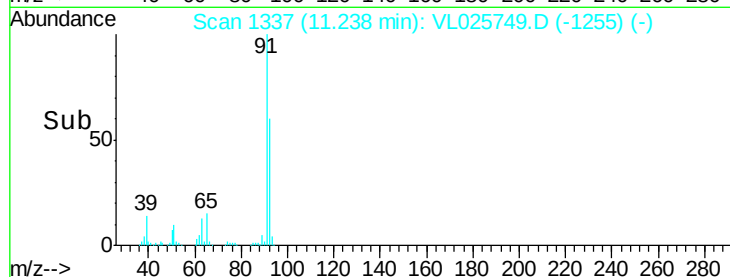
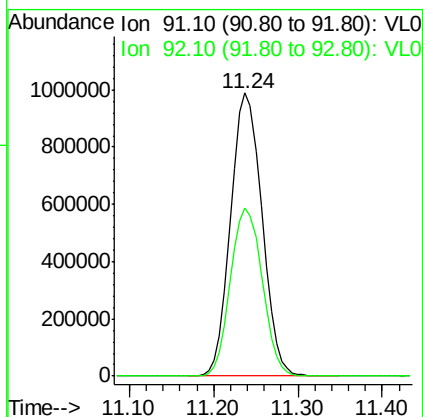
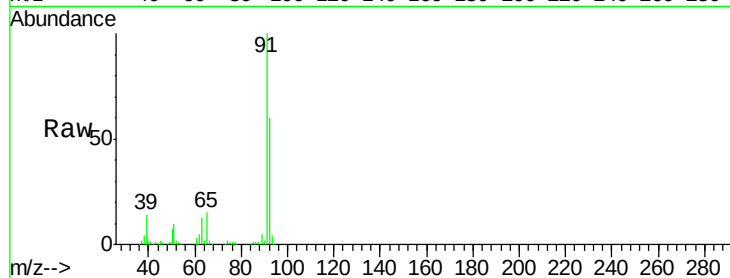
92 60.4 48.2 72.2

Manual Integrations

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sam

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#54

1,2-Dibromoethane

Concen: 9.13 ppbv

RT: 12.15 min Scan# 1486

Delta R.T. -0.00 min

Lab File: VL025749.D

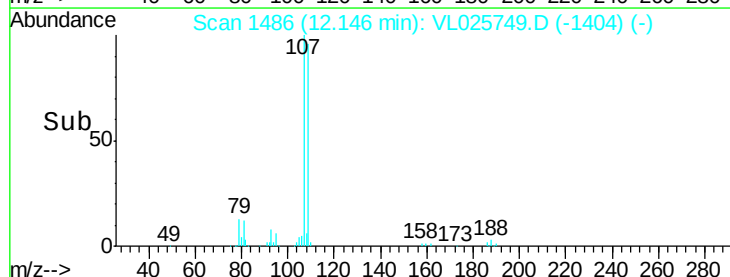
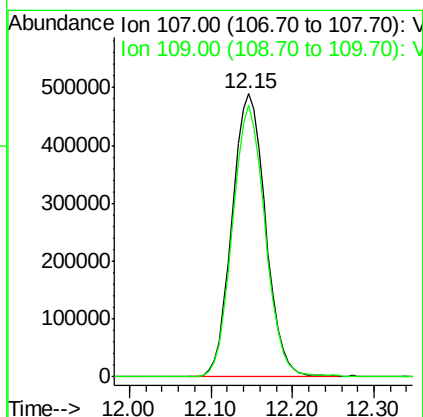
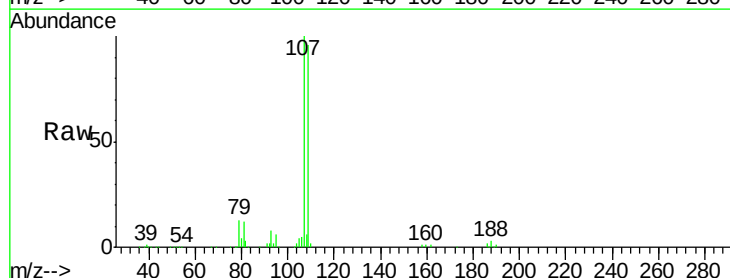
Acq: 27 Jul 2015 11:11

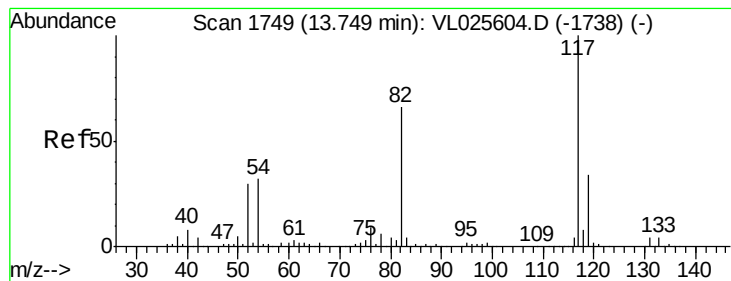
Tgt Ion: 107 Resp: 1389211

Ion Ratio Lower Upper

107 100

109 96.0 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.00 ppbv m

RT: 13.75 min Scan# 1749

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 2416670

Ion Ratio Lower Upper

117 100

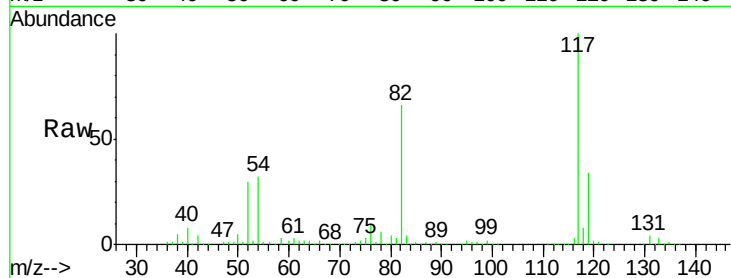
82 62.9 50.5 75.7

119 56.9 45.1 67.7

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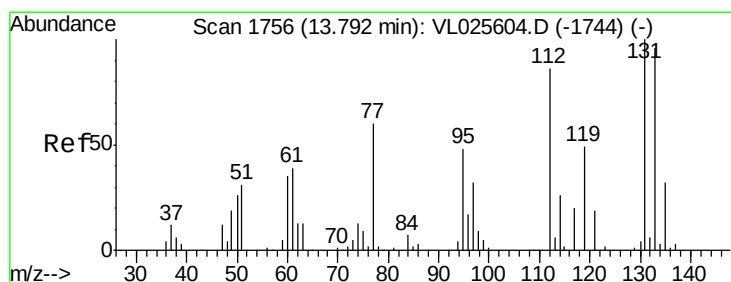
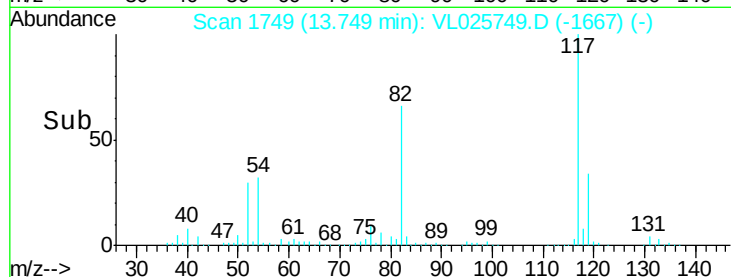
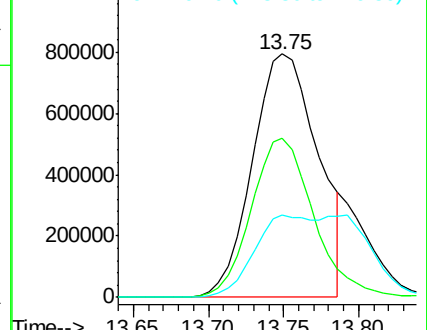
7/28/2015 11:59:14 AM



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#56

1,1,1,2-Tetrachloroethane

Concen: 8.63 ppbv

RT: 13.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

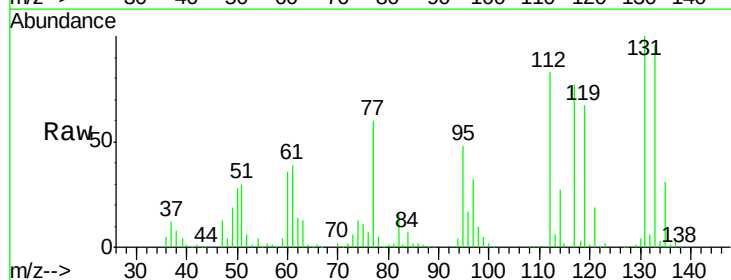
Tgt Ion:131 Resp: 1127766

Ion Ratio Lower Upper

131 100

133 95.9 76.9 115.3

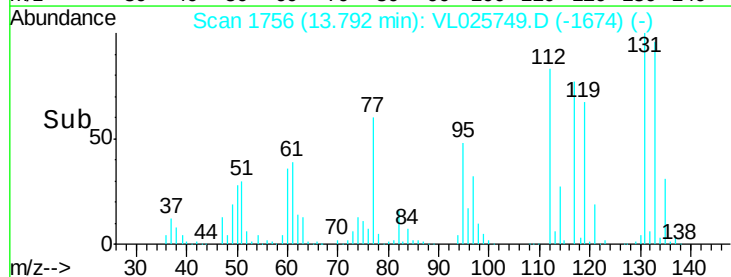
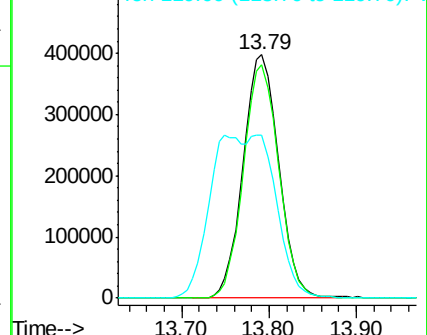
119 121.9 97.8 146.8

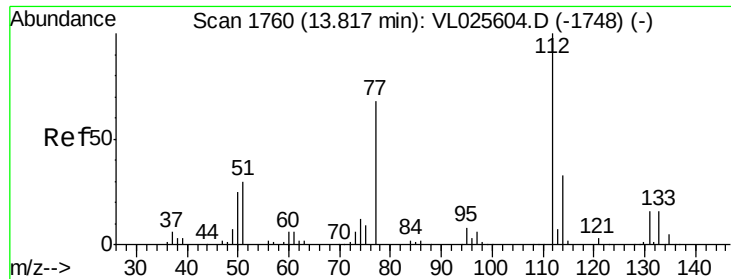


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





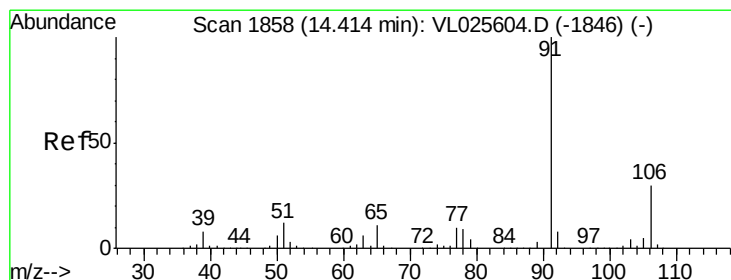
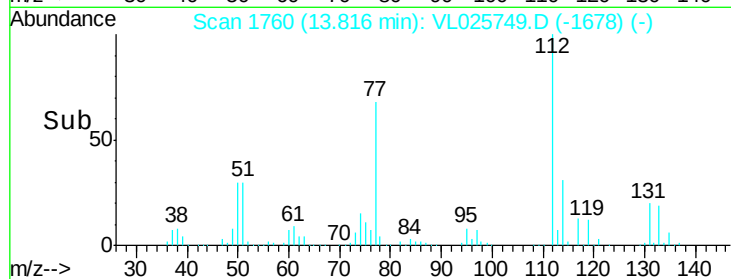
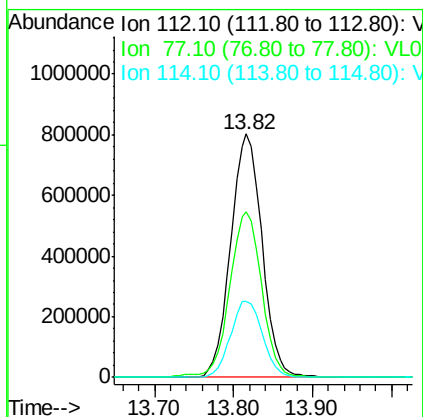
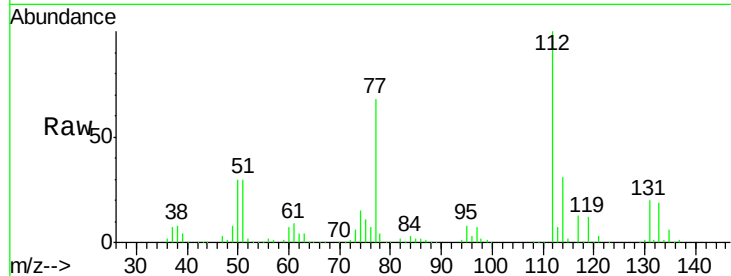
#57
Chlorobenzene
Concen: 8.64 ppbv
RT: 13.82 min Scan# 1760
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 2222520
Ion Ratio Lower Upper
112 100
77 67.7 55.2 82.8
114 31.3 29.4 36.0

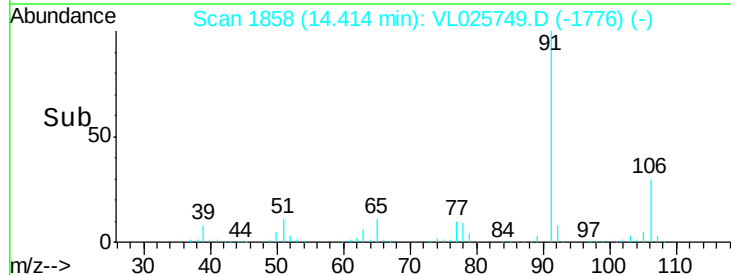
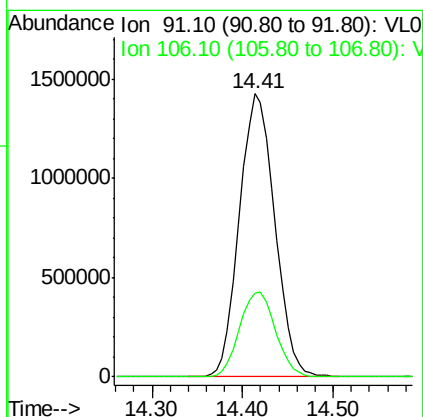
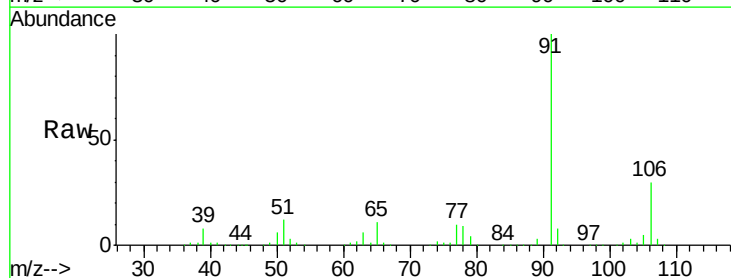
Manual Integrations
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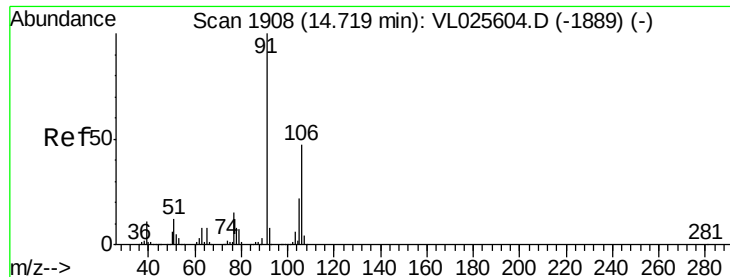
sam
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#58
Ethyl Benzene
Concen: 9.67 ppbv
RT: 14.41 min Scan# 1858
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 91 Resp: 3857679
Ion Ratio Lower Upper
91 100
106 29.5 24.2 36.2





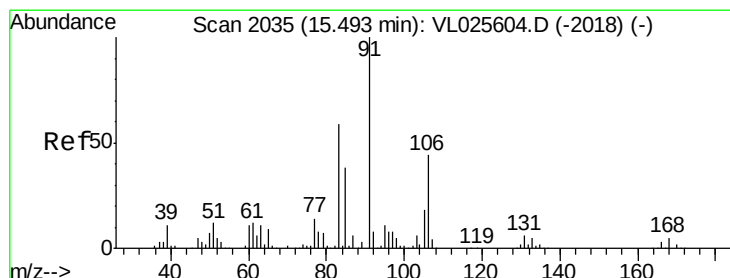
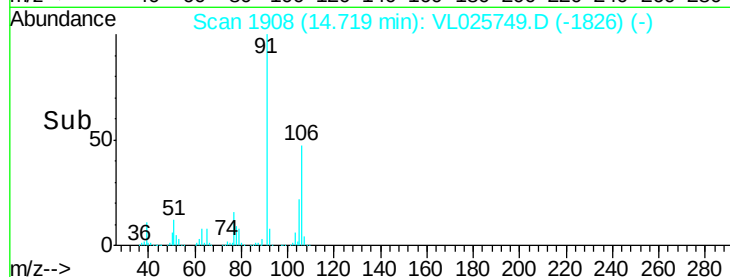
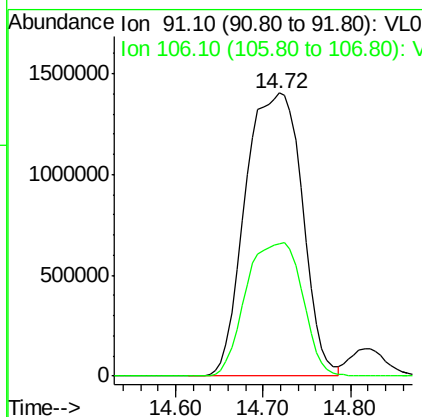
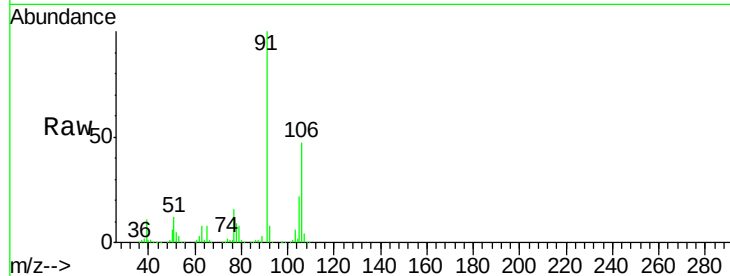
#59
m/p-Xylene
Concen: 18.02 ppbv
RT: 14.72 min Scan# 1908
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6320799
Ion Ratio Lower Upper
91 100
106 47.1 37.9 56.9

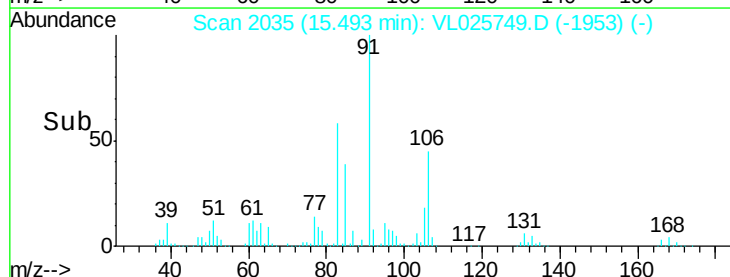
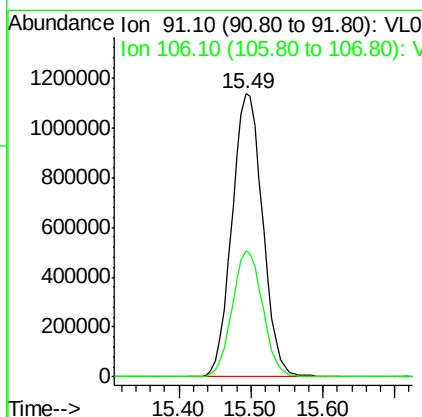
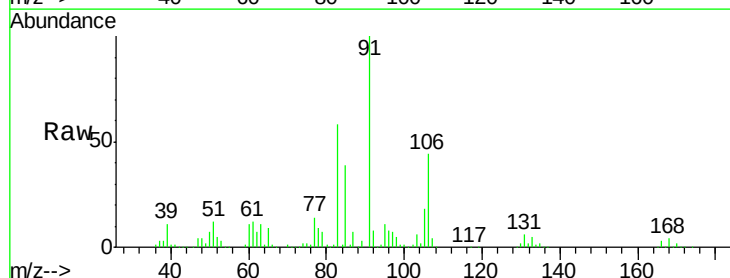
Manual Integrations
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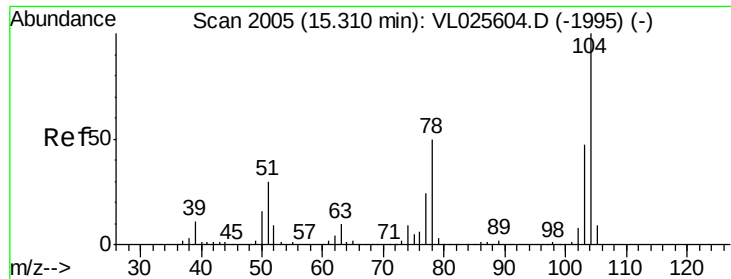
sam
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#60
o-Xylene
Concen: 8.90 ppbv
RT: 15.49 min Scan# 2035
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion: 91 Resp: 3360081
Ion Ratio Lower Upper
91 100
106 44.3 22.1 66.1





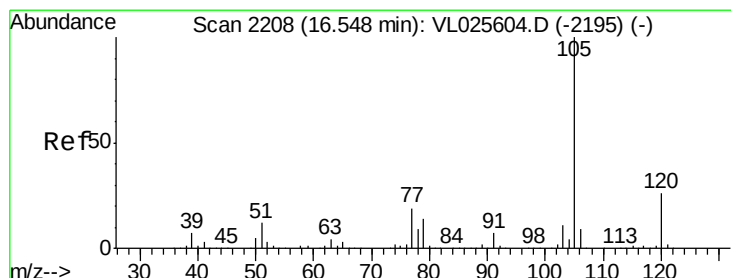
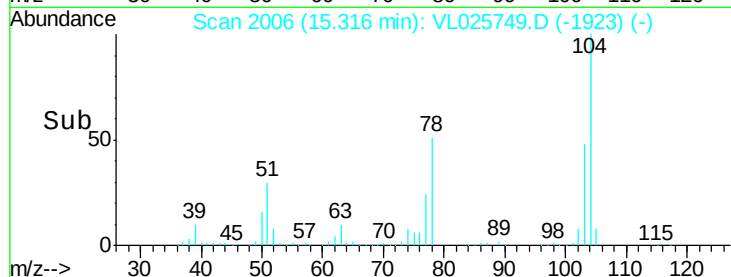
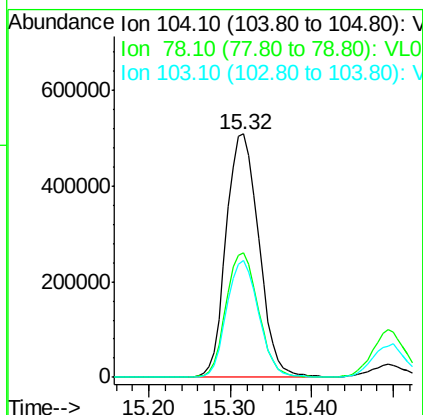
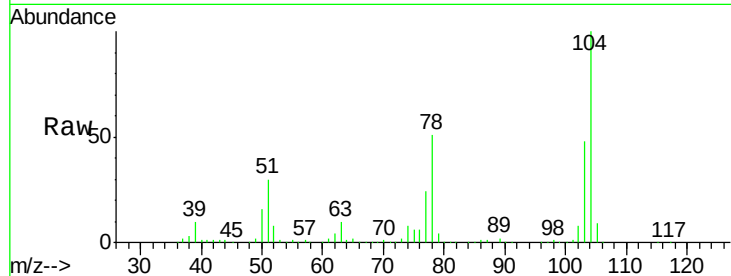
#61
Styrene
Concen: 10.71 ppbv
RT: 15.32 min Scan# 2006
Delta R.T. 0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1417489
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 47.1 37.4 56.2

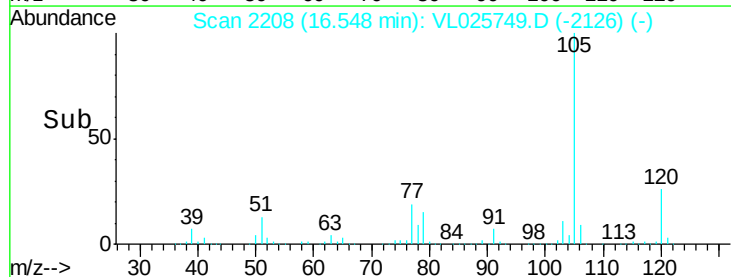
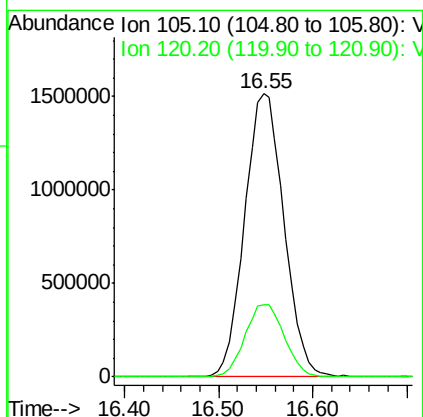
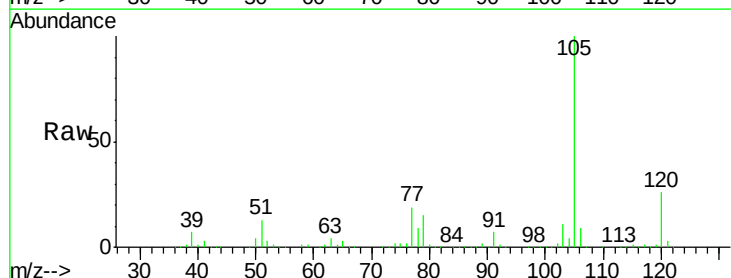
Manual Integrations
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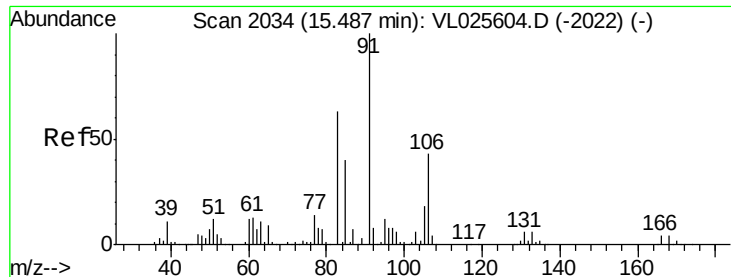
sam
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#62
Isopropylbenzene
Concen: 8.97 ppbv
RT: 16.55 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion:105 Resp: 4429643
Ion Ratio Lower Upper
105 100
120 25.7 20.6 31.0





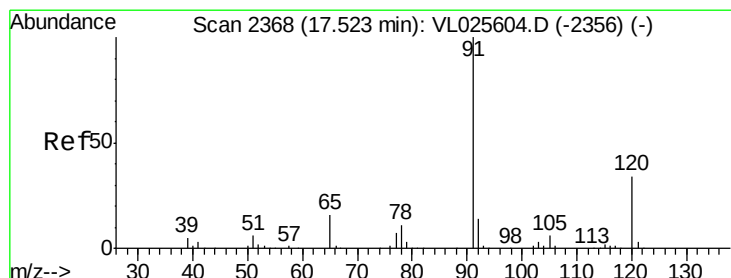
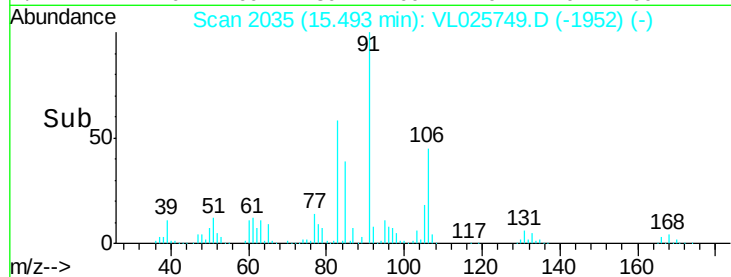
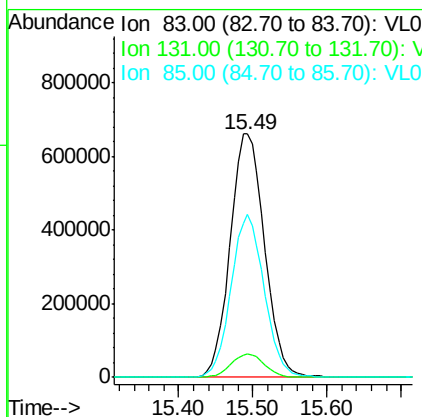
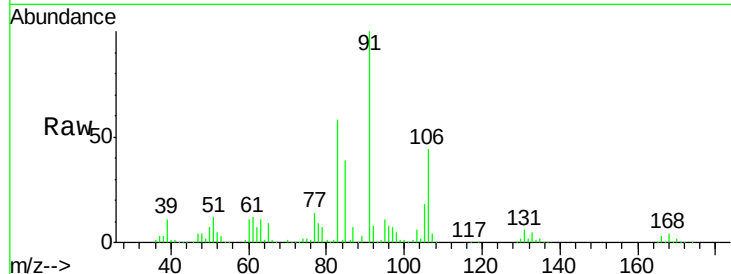
#63
 1,1,2,2-Tetrachloroethane
 Concen: 8.39 ppbv
 RT: 15.49 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 83 Resp: 2142902
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.4
 85 64.6 32.4 97.2

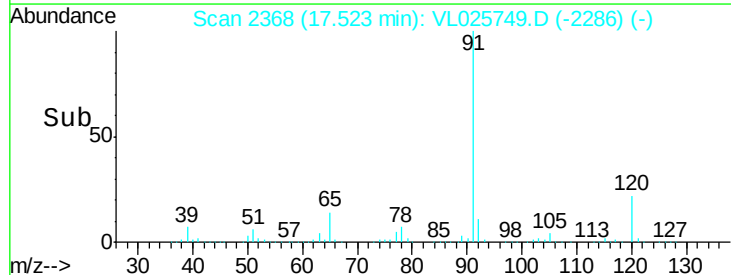
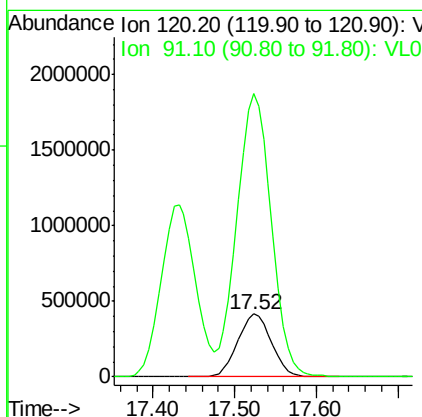
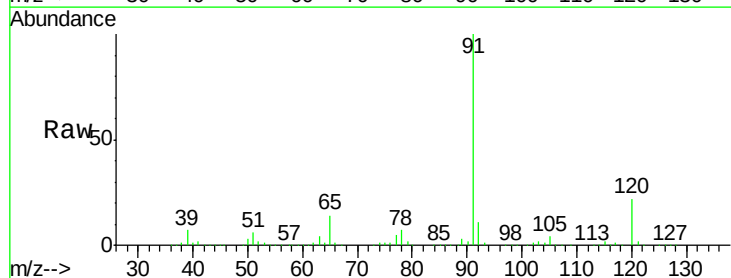
Manual Integrations
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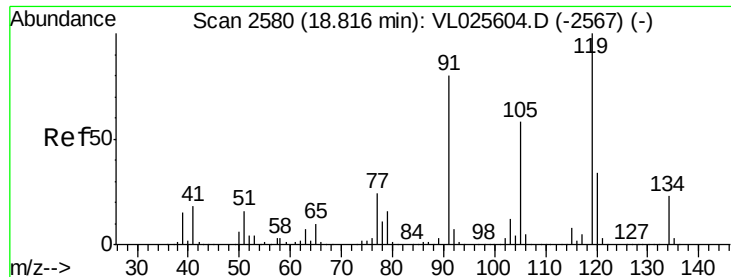
sam
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#64
 n-propylbenzene
 Concen: 8.95 ppbv
 RT: 17.52 min Scan# 2368
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 120 Resp: 1194461
 Ion Ratio Lower Upper
 120 100
 91 454.9 370.5 555.7





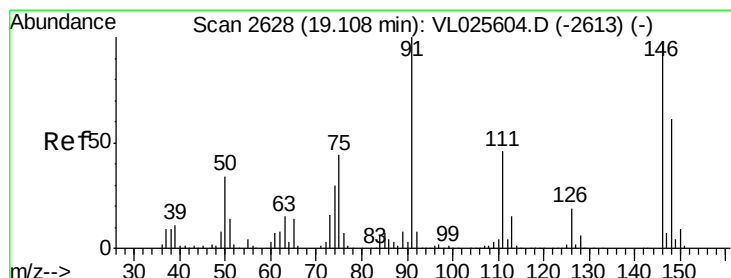
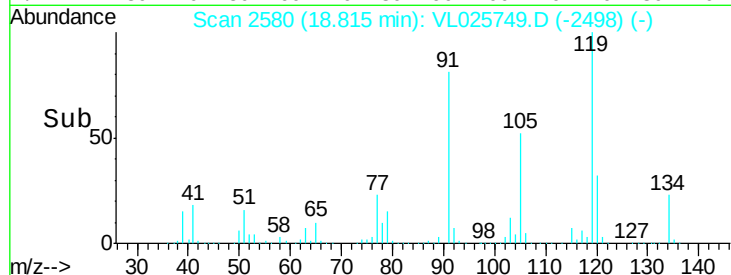
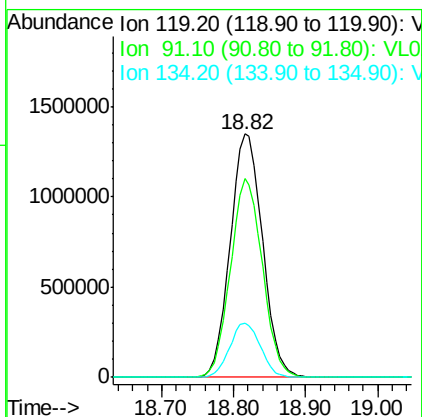
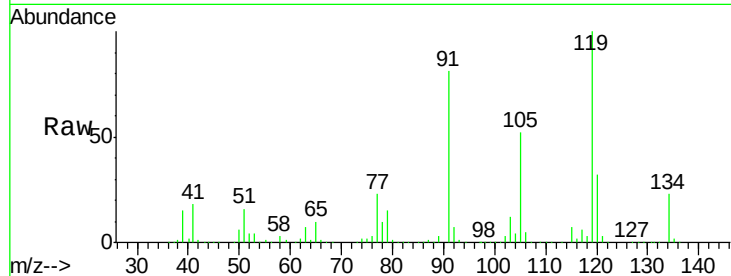
#65
 tert-Butylbenzene
 Concen: 8.66 ppbv
 RT: 18.82 min Scan# 2580
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 119 Resp: 4196589
 Ion Ratio Lower Upper
 119 100
 91 80.7 64.5 96.7
 134 21.4 17.4 26.0

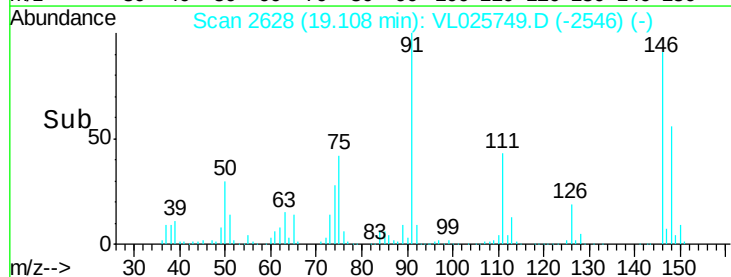
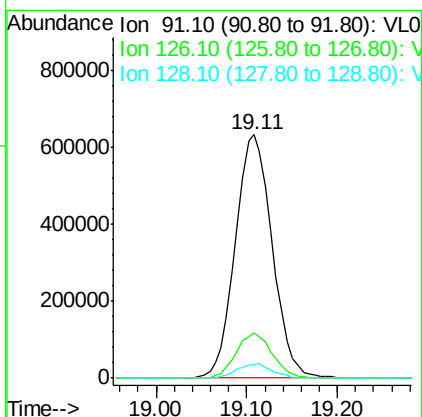
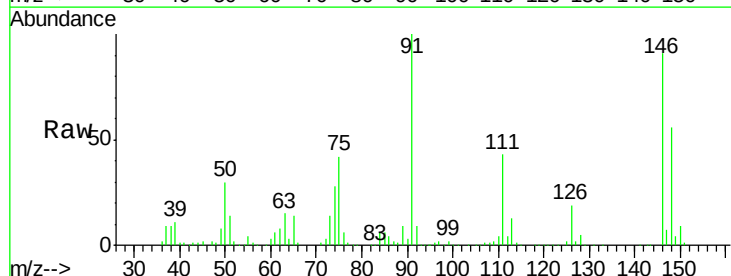
Manual Integrations
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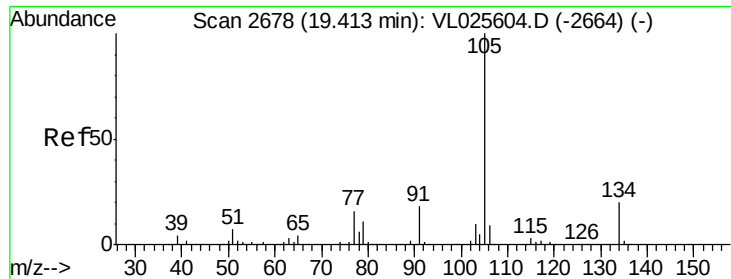
sam
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#66
 Benzyl Chloride
 Concen: 10.03 ppbv
 RT: 19.11 min Scan# 2628
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 91 Resp: 1782874
 Ion Ratio Lower Upper
 91 100
 126 18.2 14.5 21.7
 128 5.7 4.6 7.0





#67

sec-Butylbenzene

Concen: 8.67 ppbv

RT: 19.41 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 105 Resp: 5890377

Ion Ratio Lower Upper

105 100

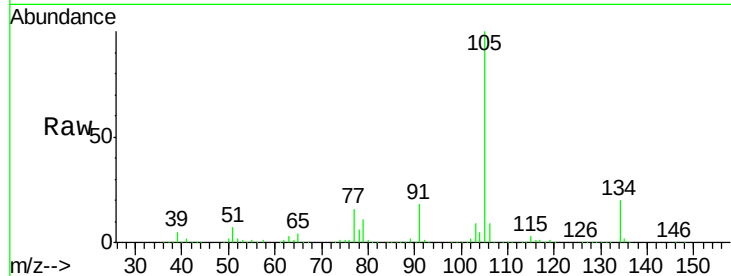
134 19.5 15.4 23.2

Manual Integrations

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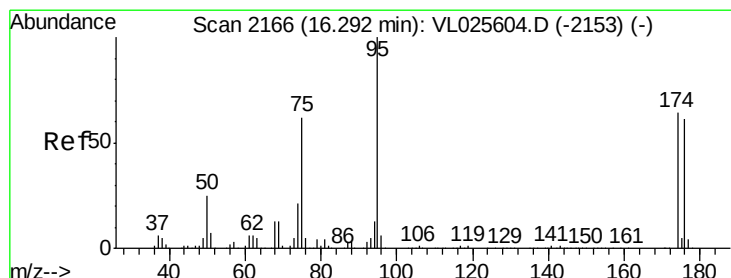
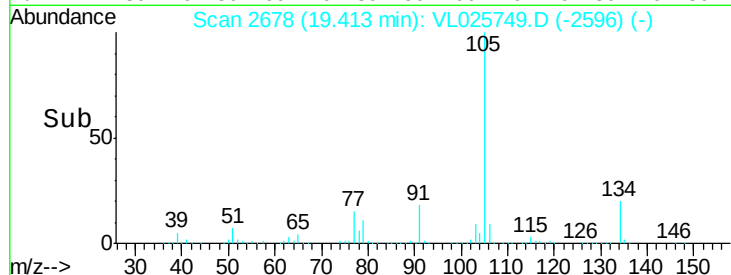
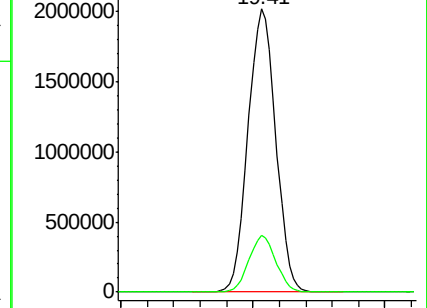
sam

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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: 8.75 ppbv

RT: 16.29 min Scan# 2166

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

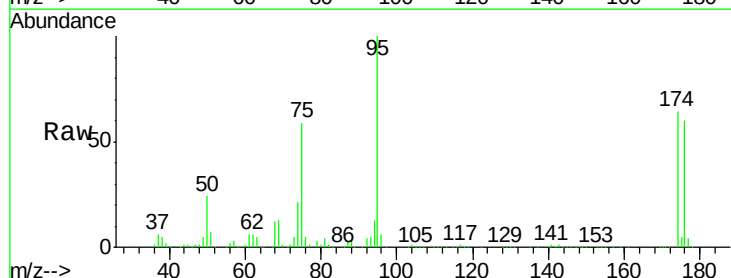
Tgt Ion: 95 Resp: 1783668

Ion Ratio Lower Upper

95 100

174 64.0 52.0 78.0

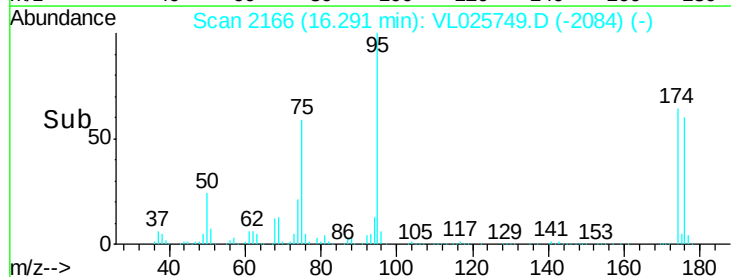
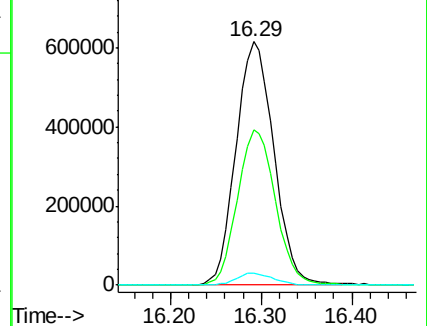
175 4.9 3.9 5.9

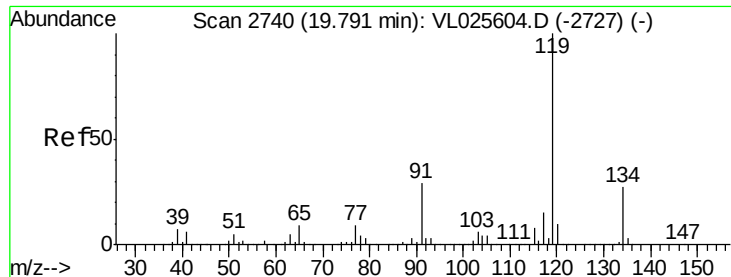


Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V





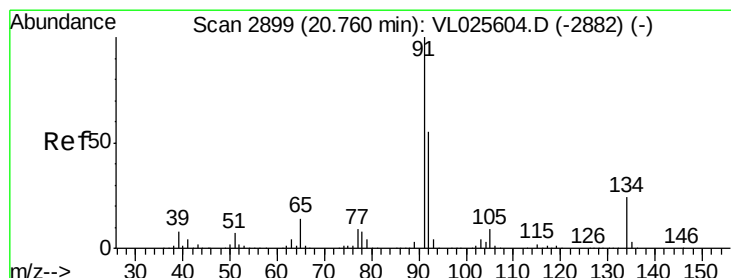
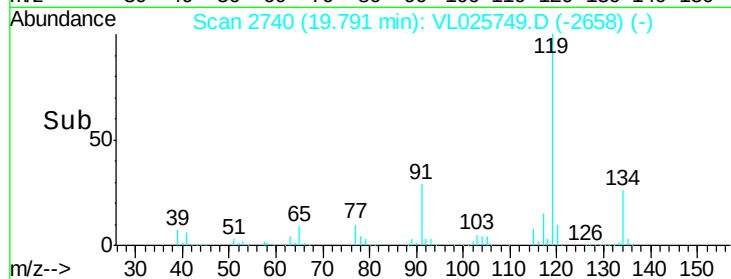
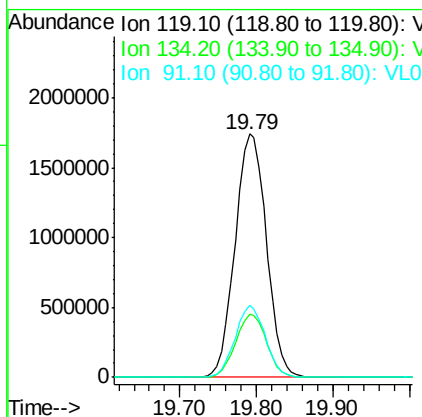
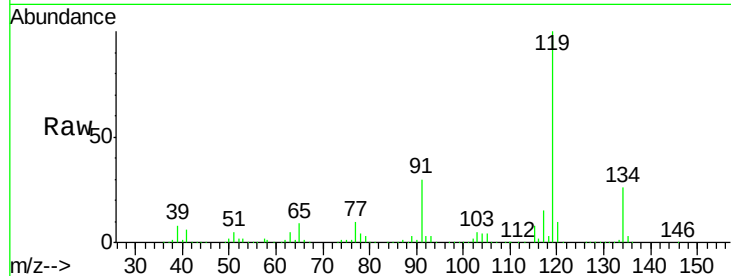
#69
 p-Isopropyltoluene
 Concen: 8.83 ppbv
 RT: 19.79 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 119 Resp: 4943742
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.7 31.1
 91 28.4 22.6 34.0

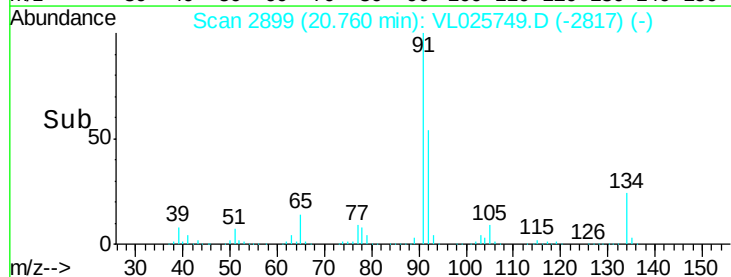
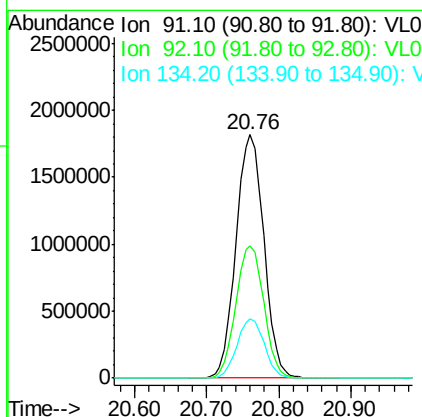
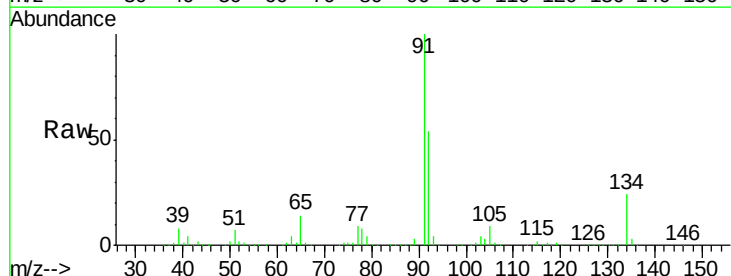
Manual Integrations
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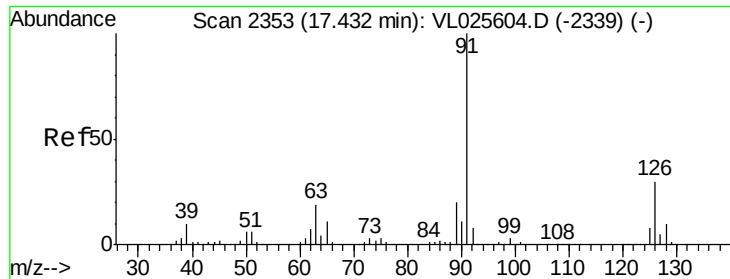
sam
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#70
 n-Butylbenzene
 Concen: 8.61 ppbv
 RT: 20.76 min Scan# 2899
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion: 91 Resp: 4889094
 Ion Ratio Lower Upper
 91 100
 92 54.6 44.3 66.5
 134 24.0 19.4 29.2





#71

2-Chlorotoluene

Concen: 9.27 ppbv

RT: 17.43 min Scan# 2353

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 3355411

Ion Ratio Lower Upper

91 100

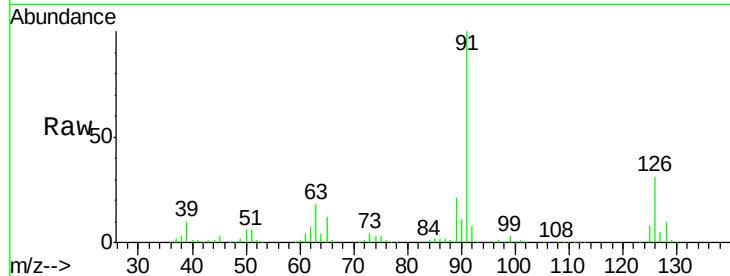
126 30.7 12.2 49.0

Manual Integrations

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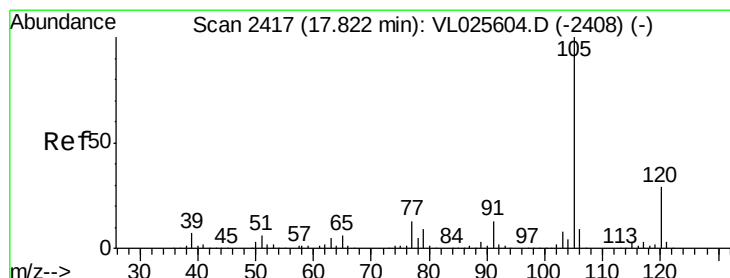
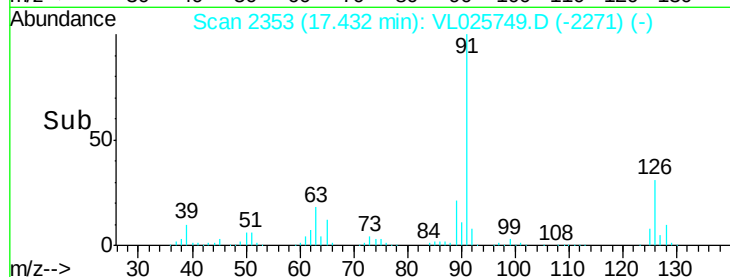
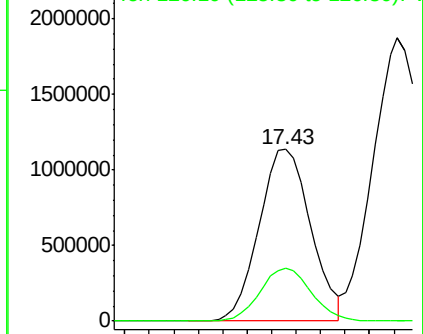
sam

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Abundance Ion 91.10 (90.80 to 91.80): VL0

Ion 126.10 (125.80 to 126.80): V



#72

4-Ethyltoluene

Concen: 9.23 ppbv

RT: 17.82 min Scan# 2417

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion: 105 Resp: 3853693

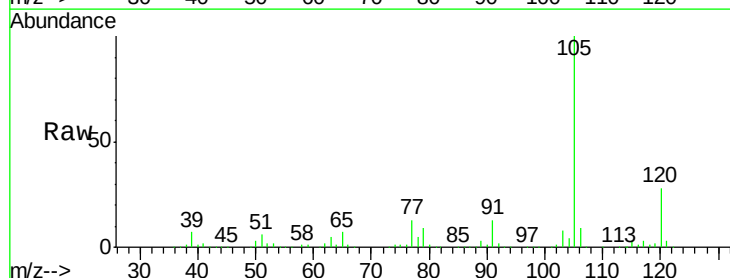
Ion Ratio Lower Upper

105 100

120 29.6 23.9 35.9

91 13.5 10.3 15.5

77 13.8 10.9 16.3

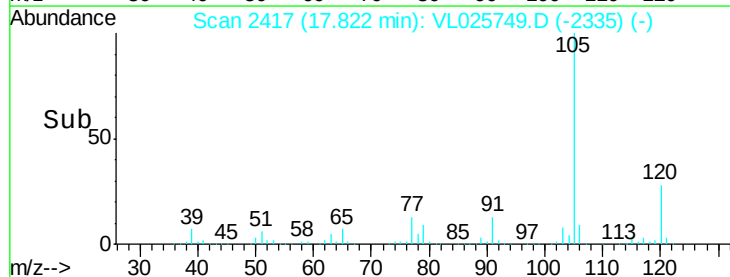
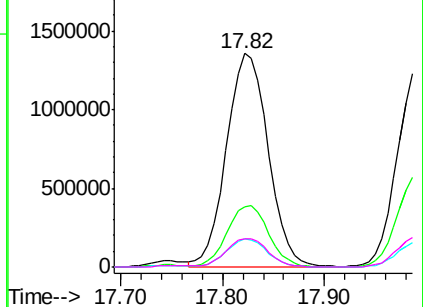


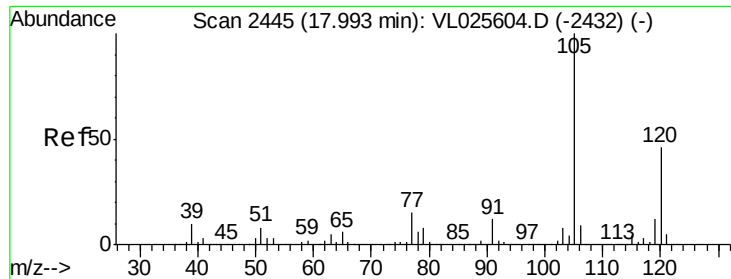
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): VL0

Ion 77.10 (76.80 to 77.80): VL0





#73

1,3,5-Trimethylbenzene

Concen: 8.93 ppbv

RT: 17.99 min Scan# 2445

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3666519

Ion Ratio Lower Upper

105 100

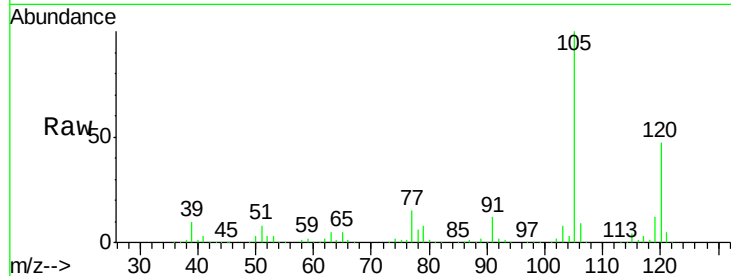
120 46.6 37.0 55.4

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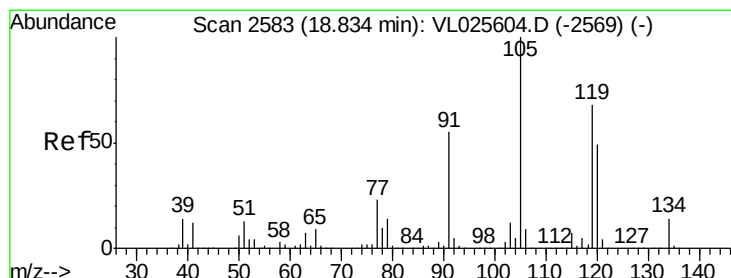
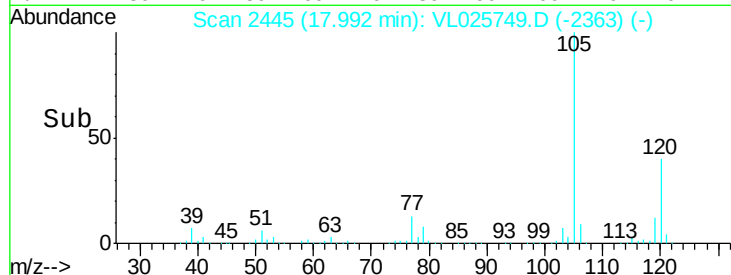
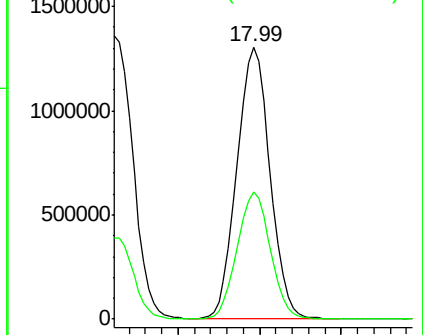
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Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V



#74

1,2,4-Trimethylbenzene

Concen: 8.39 ppbv

RT: 18.84 min Scan# 2584

Delta R.T. 0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Tgt Ion:105 Resp: 3858035

Ion Ratio Lower Upper

105 100

120 47.8 39.3 58.9

91 45.3 43.8 65.6

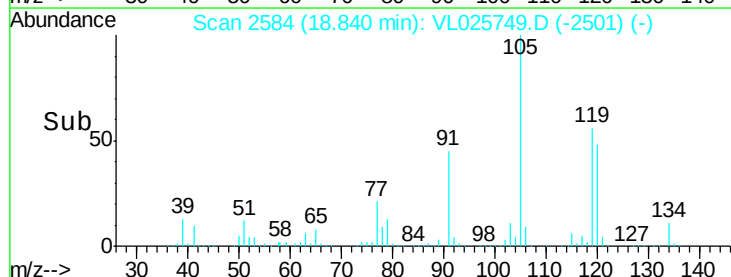
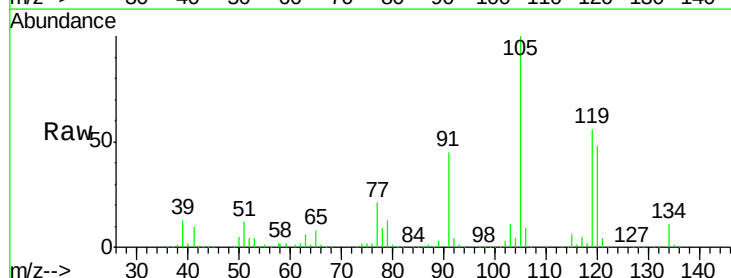
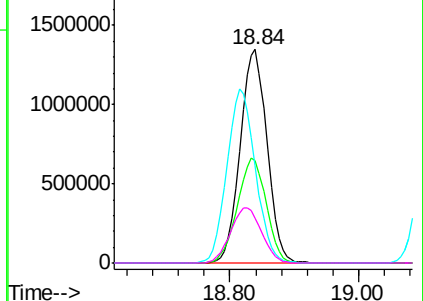
77 21.2 18.3 27.5

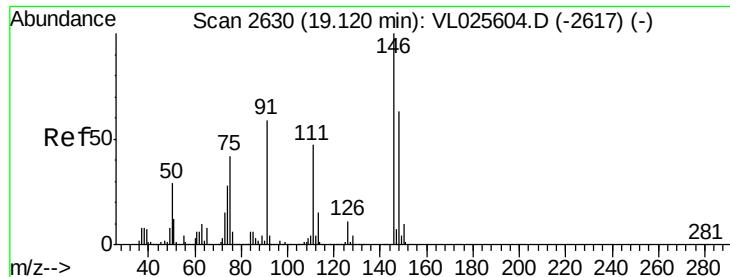
Abundance Ion 105.10 (104.80 to 105.80): V

Ion 120.20 (119.90 to 120.90): V

Ion 91.10 (90.80 to 91.80): V

Ion 77.10 (76.80 to 77.80): V





#75

1,3-Dichlorobenzene

Concen: 8.09 ppbv

RT: 19.13 min Scan# 2631

Delta R.T. 0.01 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2421997

Ion Ratio Lower Upper

146 100

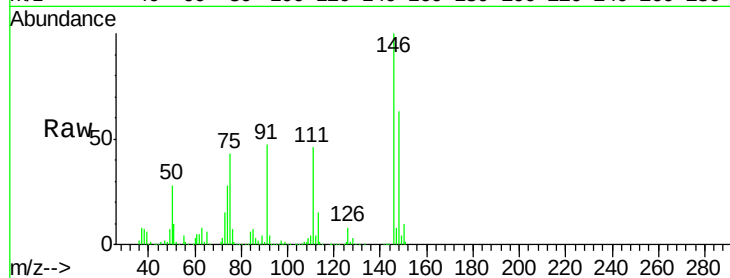
111 46.1 22.7 68.1

148 64.0 31.8 95.3

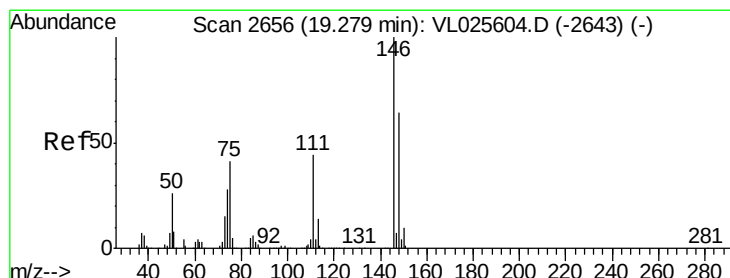
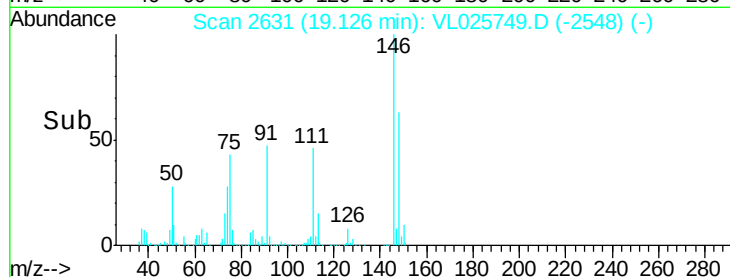
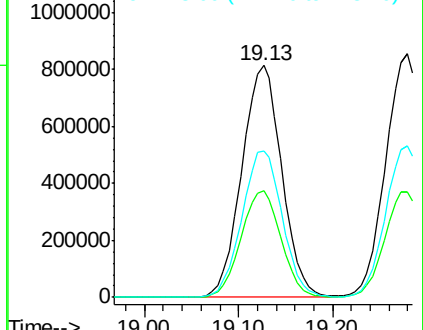
Manual Integrations
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Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.10 (110.80 to 111.80): V
Ion 148.00 (147.70 to 148.70): V



#76

1,4-Dichlorobenzene

Concen: 8.36 ppbv

RT: 19.28 min Scan# 2656

Delta R.T. -0.00 min

Lab File: VL025749.D

Acq: 27 Jul 2015 11:11

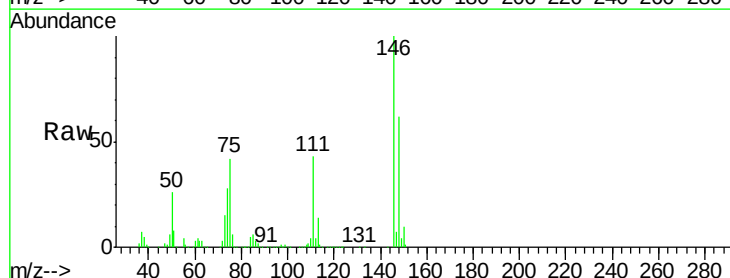
Tgt Ion:146 Resp: 2507888

Ion Ratio Lower Upper

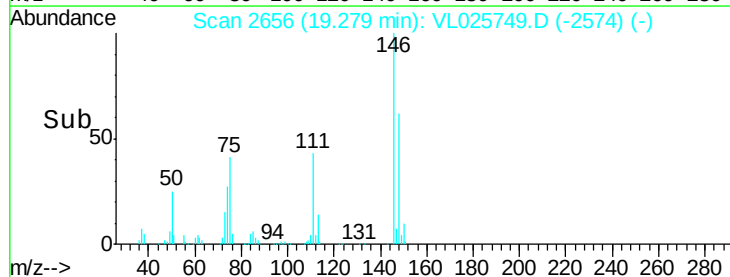
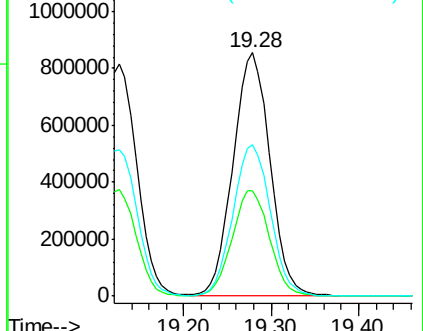
146 100

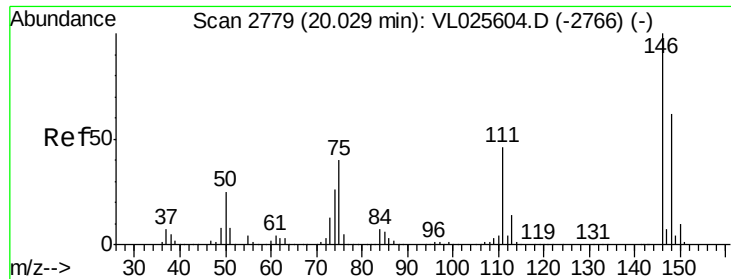
111 44.2 22.1 66.1

148 63.4 31.9 95.9



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





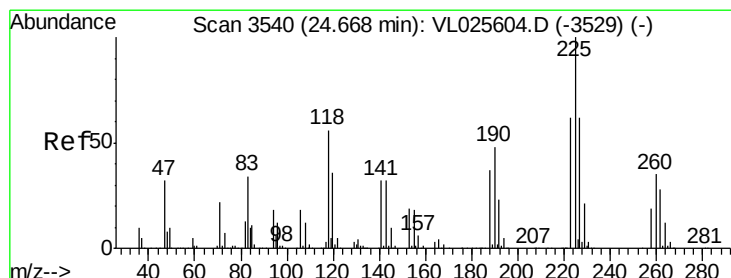
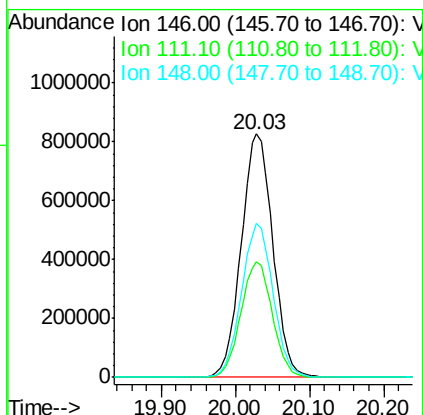
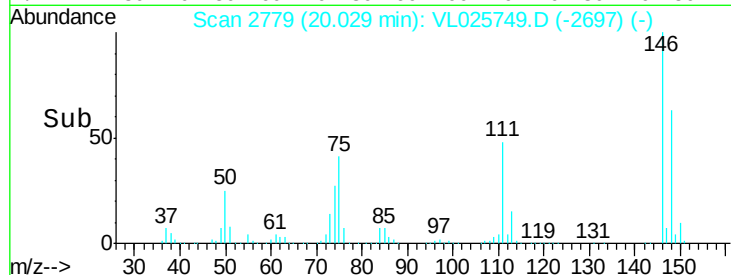
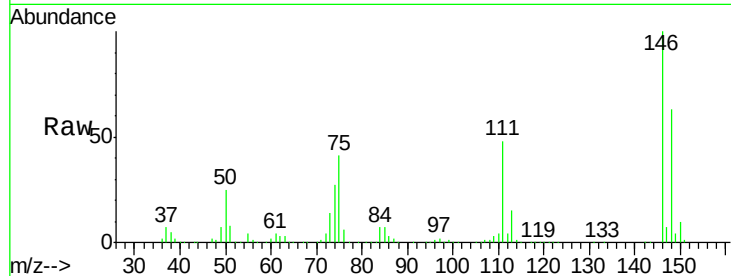
#77
 1,2-Dichlorobenzene
 Concen: 8.30 ppbv
 RT: 20.03 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:146 Resp: 2466625
 Ion Ratio Lower Upper
 146 100
 111 47.3 23.4 70.3
 148 63.3 31.6 94.8

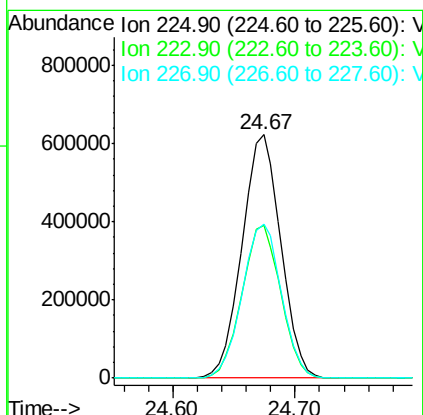
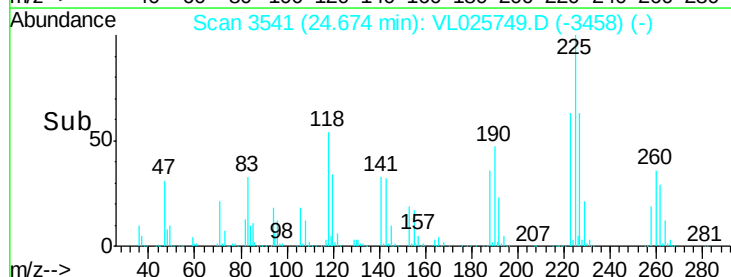
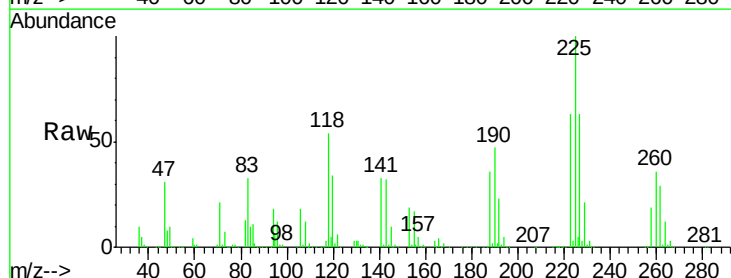
Manual Integrations
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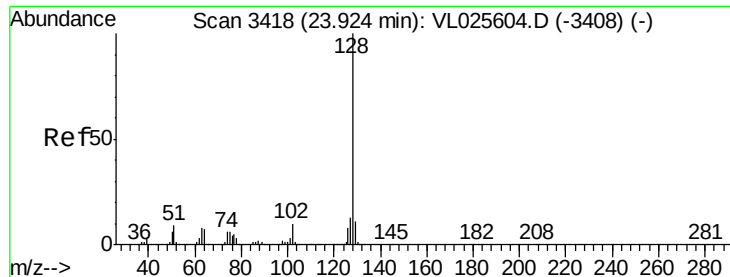
sam
 7/28/2015 11:59:14 AM



#78
 Hexachloro-1,3-Butadiene
 Concen: 7.52 ppbv
 RT: 24.67 min Scan# 3541
 Delta R.T. 0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Tgt Ion:225 Resp: 1374569
 Ion Ratio Lower Upper
 225 100
 223 62.8 50.6 76.0
 227 64.1 50.5 75.7





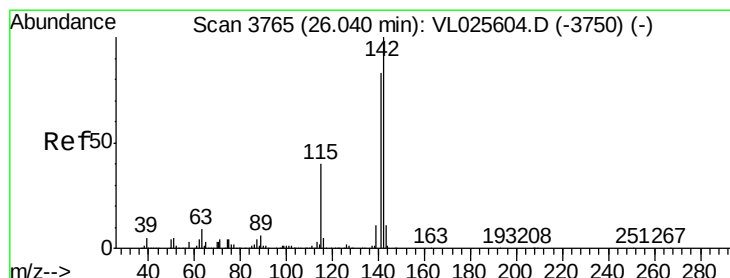
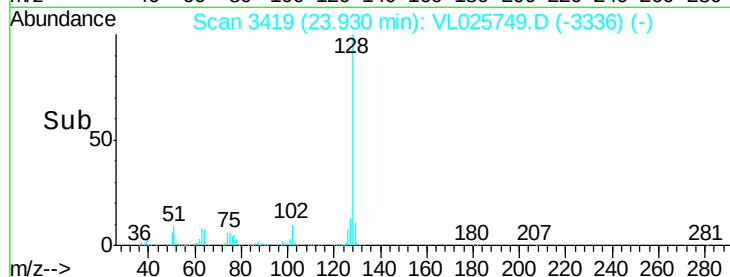
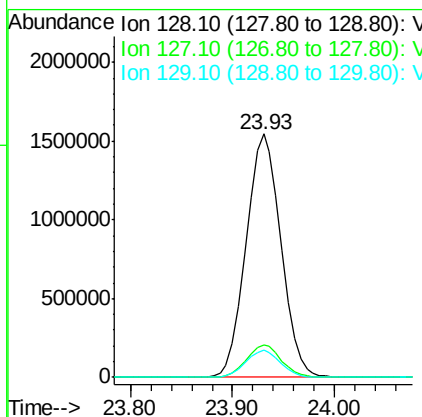
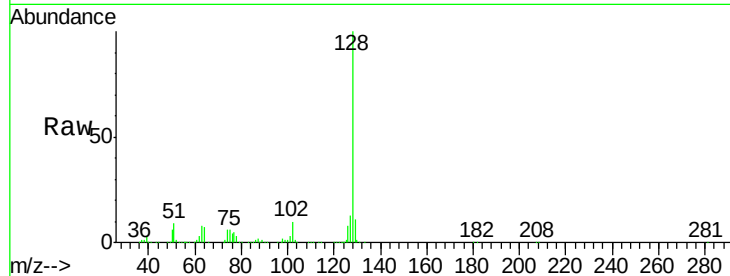
#79
Naphthalene
Concen: 8.27 ppbv
RT: 23.93 min Scan# 3419
Delta R.T. 0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	11.2	9.0	13.4

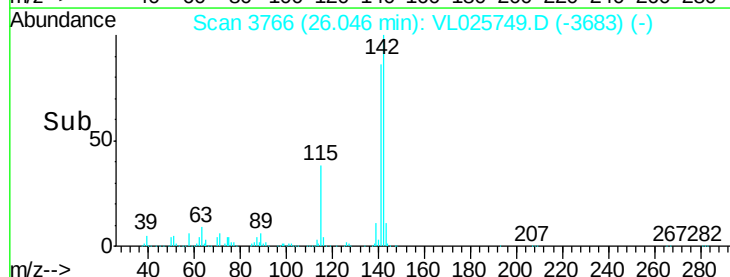
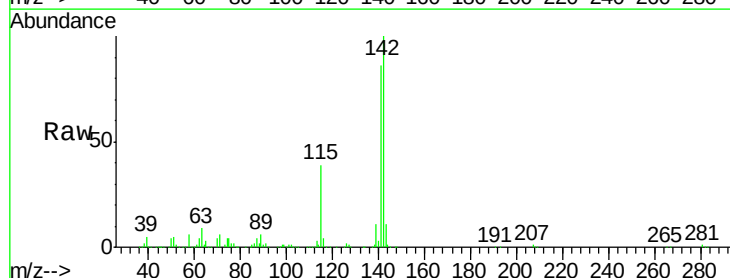
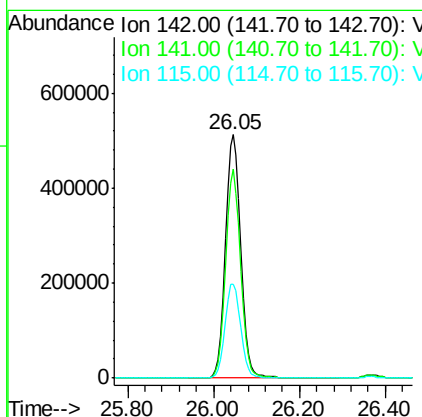
Manual Integrations
APPROVED

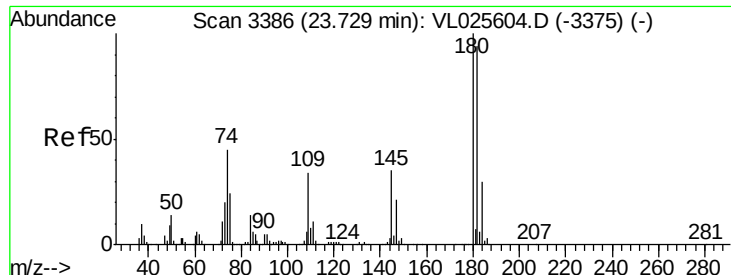
sam
7/28/2015 11:59:14 AM



#80
Naphthalene, 2-methyl-
Concen: 10.07 ppbv
RT: 26.05 min Scan# 3766
Delta R.T. 0.01 min
Lab File: VL025749.D
Acq: 27 Jul 2015 11:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.3	67.1	100.7
115	40.0	33.9	50.9





#81
 1,2,4-Trichlorobenzene
 Concen: 8.07 ppbv
 RT: 23.74 min Scan# 3387
 Delta R.T. 0.01 min
 Lab File: VL025749.D
 Acq: 27 Jul 2015 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:180 Resp: 1718044
 Ion Ratio Lower Upper
 180 100
 182 95.3 76.1 114.1
 184 30.3 24.4 36.6

Manual Integrations
 APPROVED

sam
 7/28/2015 11:59:14 AM

